

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\  
 Data File : VX000087.D  
 Acq On : 14 Feb 2018 15:19  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ClientSampled :  
 VSTDIC005

Manual Integrations  
 APPROVED

sam  
 2/16/2018 1:20:28 PM

Quant Time: Feb 15 03:09:19 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X021418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 15 02:51:39 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 119261   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 197659   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 189627   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 106844   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |       |
|---------------------------|--------|-----|----------|--------|---------|-------|
| 33) 1,2-Dichloroethane-d4 | 6.08   | 65  | 150565   | 116.53 | ug/l    | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =      | 233.06% |       |
| 35) Dibromofluoromethane  | 5.51   | 113 | 122663   | 105.30 | ug/l    | -0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 210.60% |       |
| 50) Toluene-d8            | 8.73   | 98  | 489414   | 111.34 | ug/l    | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =      | 222.68% |       |
| 62) 4-Bromofluorobenzene  | 11.15  | 95  | 185660   | 104.87 | ug/l    | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =      | 209.74% |       |

## Target Compounds

|                               |      |     |       |       |        | Qvalue |
|-------------------------------|------|-----|-------|-------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 5818  | 5.24  | ug/l   | 100    |
| 3) Chloromethane              | 1.32 | 50  | 5823  | 5.23  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.40 | 62  | 6861  | 5.45  | ug/l   | 96     |
| 5) Bromomethane               | 1.64 | 94  | 6943  | 9.33  | ug/l   | 95     |
| 6) Chloroethane               | 1.72 | 64  | 4465  | 5.86  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 12400 | 5.64  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 4238  | 5.35  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 7023  | 5.66  | ug/l   | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 6726  | 4.85  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 3.08 | 59  | 15745 | 30.35 | ug/l   | 96     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 6255  | 5.33  | ug/l   | 88     |
| 13) Acrolein                  | 2.29 | 56  | 7579  | 29.26 | ug/l   | 84     |
| 14) Allyl chloride            | 2.73 | 41  | 11266 | 5.50  | ug/l   | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 25493 | 28.58 | ug/l   | 100    |
| 16) Acetone                   | 2.45 | 43  | 25952 | 33.15 | ug/l   | 95     |
| 17) Carbon Disulfide          | 2.57 | 76  | 18075 | 5.32  | ug/l   | 97     |
| 18) Methyl Acetate            | 2.78 | 43  | 12072 | 6.28  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 22413 | 5.58  | ug/l   | 94     |
| 20) Methylene Chloride        | 2.86 | 84  | 7421  | 5.93  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 7143  | 5.65  | ug/l   | 91     |
| 22) Diisopropyl ether         | 3.88 | 45  | 20240 | 5.98  | ug/l   | 97     |
| 23) Vinyl Acetate             | 3.83 | 43  | 93947 | 30.65 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 12197 | 5.96  | ug/l   | 97     |
| 25) 2-Butanone                | 4.71 | 43  | 35045 | 30.27 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 9505  | 5.29  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 6754  | 5.48  | ug/l   | 98     |
| 28) Bromochloromethane        | 5.03 | 49  | 4573  | 6.23  | ug/l # | 96     |
| 29) Tetrahydrofuran           | 5.18 | 42  | 22684 | 28.85 | ug/l   | 99     |
| 30) Chloroform                | 5.23 | 83  | 11346 | 5.36  | ug/l   | 96     |
| 31) Cyclohexane               | 5.59 | 56  | 9648  | 5.61  | ug/l # | 85     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 10498 | 5.27  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 9633  | 5.58  | ug/l   | 97     |
| 37) Ethyl Acetate             | 4.87 | 43  | 12755 | 5.66  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 9634  | 5.00  | ug/l   | 99     |

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\  
 Data File : VX000087.D  
 Acq On : 14 Feb 2018 15:19  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

sam  
 2/16/2018 1:20:28 PM

Quant Time: Feb 15 03:09:19 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X021418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 15 02:51:39 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.47  | 83   | 10976    | 5.25   | ug/l   | 95       |
| 40) Benzene                    | 6.15  | 78   | 25409    | 5.21   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 6481     | 5.61   | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 9798     | 5.60   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.48  | 43   | 17870    | 5.29   | ug/l   | 98       |
| 44) Trichloroethene            | 7.22  | 130  | 7830     | 5.23   | ug/l   | 87       |
| 45) 1,2-Dichloropropane        | 7.53  | 63   | 6583     | 5.54   | ug/l   | 98       |
| 46) Dibromomethane             | 7.67  | 93   | 5031     | 5.48   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 9055     | 5.09   | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.79  | 41   | 8492     | 5.12   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.78  | 88   | 4582     | 103.56 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 63062    | 26.62  | ug/l   | 97       |
| 52) Toluene                    | 8.79  | 92   | 17589    | 5.36   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.45  | 75   | 10307    | 4.96   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 10050    | 4.97   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.23  | 97   | 7278     | 5.30   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 10514    | 4.99   | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 11662    | 5.44   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 26973    | 25.88  | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.51  | 43   | 54720    | 28.21  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 7452     | 4.72   | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 7772     | 5.16   | ug/l   | 96       |
| 64) Tetrachloroethene          | 9.34  | 164  | 7164     | 5.09   | ug/l   | 96       |
| 65) Chlorobenzene              | 10.15 | 112  | 20807    | 5.27   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 6681     | 4.71   | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.26 | 91   | 34167    | 5.22   | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.37 | 106  | 26527    | 10.17  | ug/l   | 96       |
| 69) o-Xylene                   | 10.71 | 106  | 13135    | 5.22   | ug/l   | 99       |
| 70) Styrene                    | 10.72 | 104  | 20567    | 4.85   | ug/l   | 96       |
| 71) Bromoform                  | 10.87 | 173  | 5786     | 4.36   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 35163    | 5.19   | ug/l   | 97       |
| 74) N-amyl acetate             | 6.48  | 43   | 17870    | 5.24   | ug/l # | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.28 | 83   | 11287    | 4.89   | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 12974m   | 6.40   | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 8918     | 4.86   | ug/l   | 90       |
| 78) n-propylbenzene            | 11.37 | 91   | 41794    | 5.31   | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 23530    | 5.18   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 29894    | 5.25   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.09 | 75   | 3343     | 4.14   | ug/l   | 90       |
| 82) 4-Chlorotoluene            | 11.52 | 91   | 28930    | 5.32   | ug/l   | 97       |
| 83) tert-Butylbenzene          | 11.78 | 119  | 29204    | 5.10   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.82 | 105  | 30786    | 5.28   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.96 | 105  | 37616    | 5.32   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 32522    | 5.11   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.04 | 146  | 17723    | 5.11   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 19142    | 5.39   | ug/l   | 95       |
| 89) n-Butylbenzene             | 12.40 | 91   | 30782    | 5.19   | ug/l   | 98       |
| 90) Hexachloroethane           | 12.60 | 117  | 5224     | 4.72   | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 17624    | 5.19   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 3369     | 5.04   | ug/l   | 90       |

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\  
Data File : VX000087.D  
Acq On : 14 Feb 2018 15:19  
Operator : JC/MD  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ClientSampleId :  
VSTDICC005

Manual Integrations  
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2/16/2018 1:20:28 PM

Quant Time: Feb 15 03:09:19 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X021418W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 15 02:51:39 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 13220    | 5.09 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 5663     | 4.70 | ug/l  | 96       |
| 95) Naphthalene            | 13.84 | 128  | 45382    | 5.33 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.03 | 180  | 12531    | 4.95 | ug/l  | 97       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

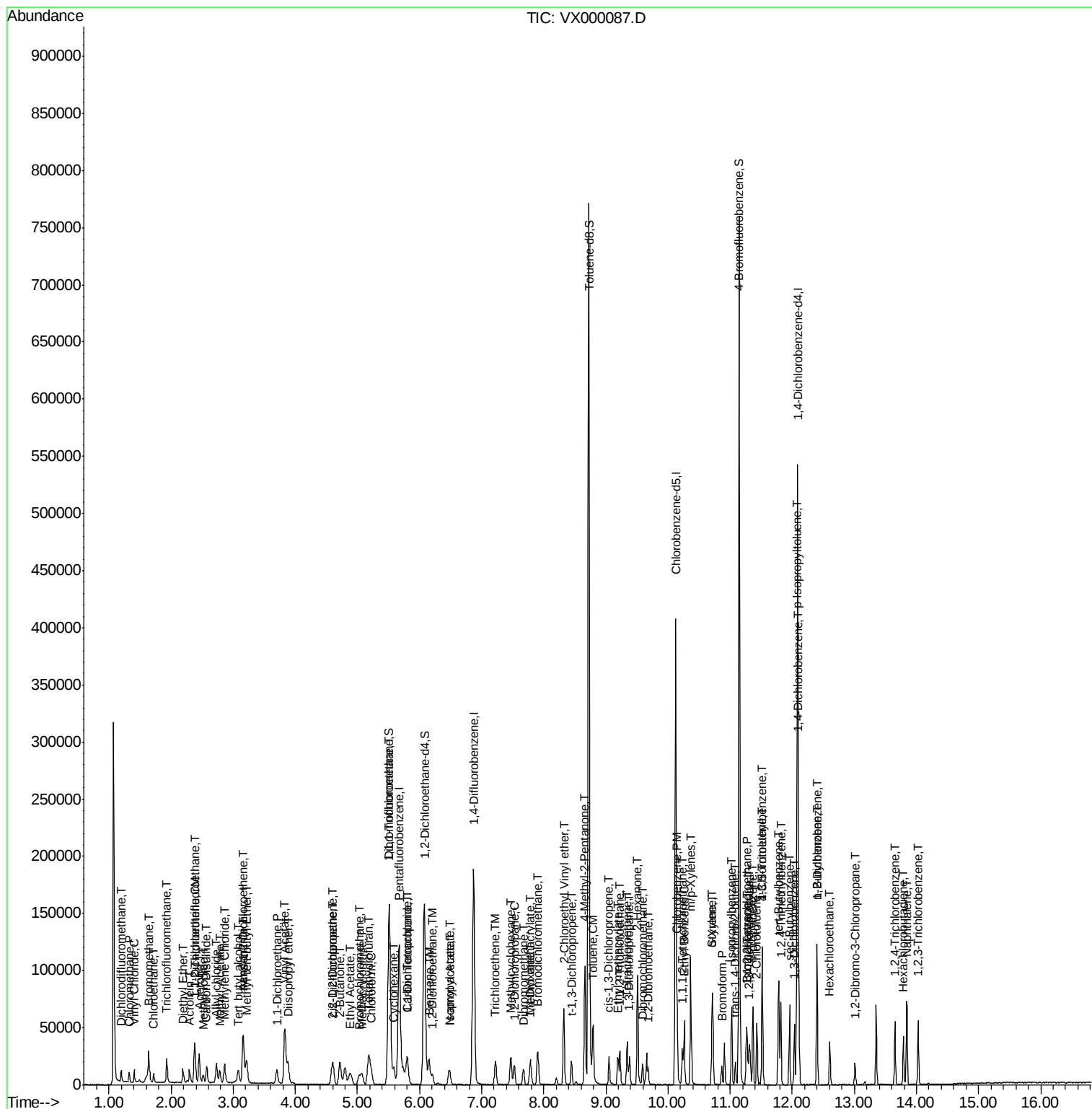
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\  
Data File : VX000087.D  
Acq On : 14 Feb 2018 15:19  
Operator : JC/MD  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 3 Sample Multiplier: 1

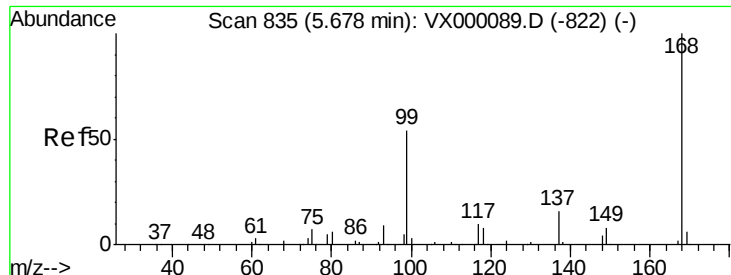
Instrument :  
ClientSampleId :  
VSTDIC005

## Manual Integrations APPROVED

2/16/2018 1:20:28 PM sam

Quant Time: Feb 15 03:09:19 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X021418W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 15 02:51:39 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

ClientSampled :

VSTDIC005

Tot Ion:168 Resp: 119261

Ion Ratio Lower Upper

168 100

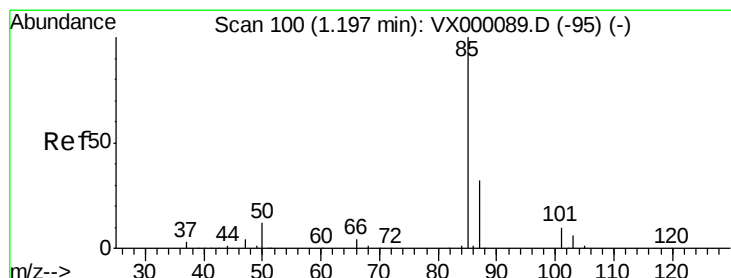
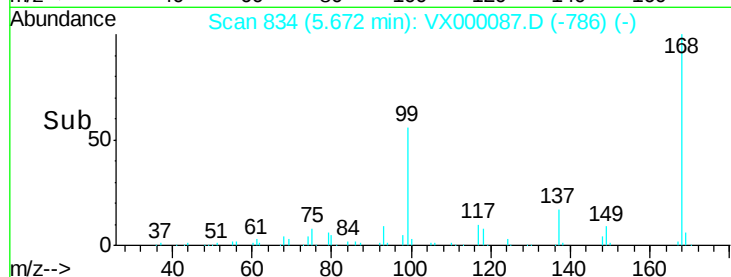
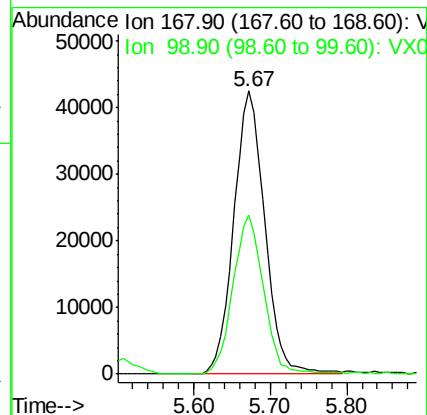
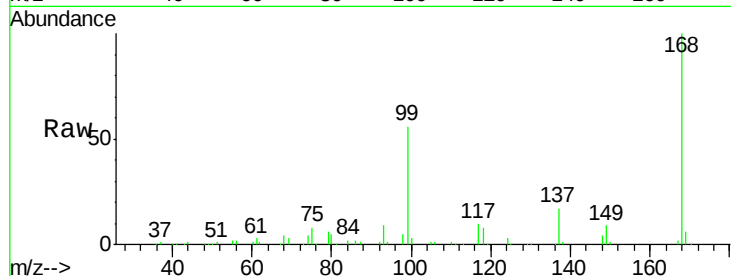
99 56.0 43.1 64.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 5.24 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000087.D

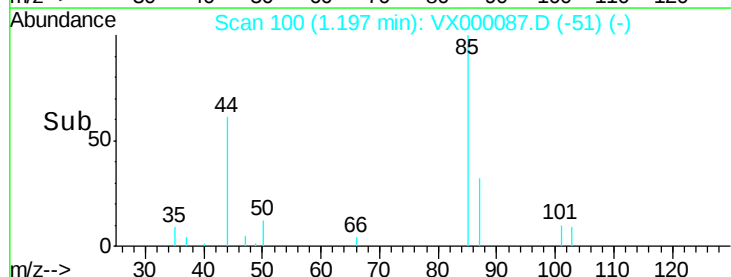
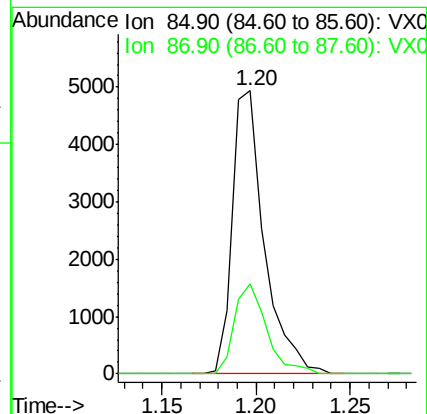
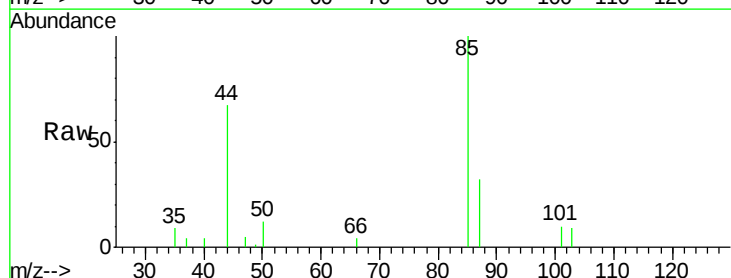
Acq: 14 Feb 2018 15:19

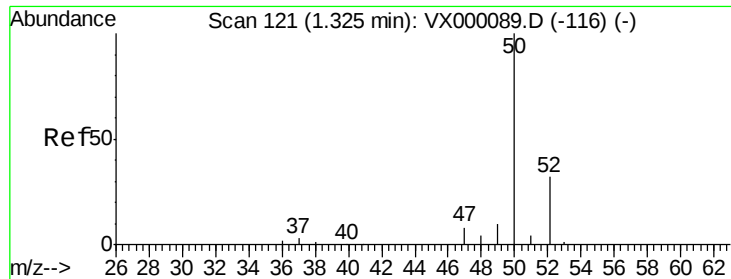
Tgt Ion: 85 Resp: 5818

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.2





#3

Chloromethane

Concen: 5.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 50 Resp: 5823

Ion Ratio Lower Upper

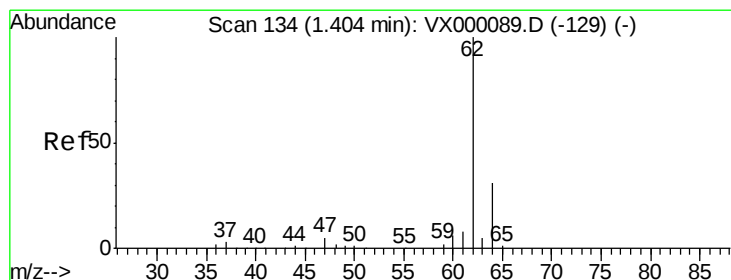
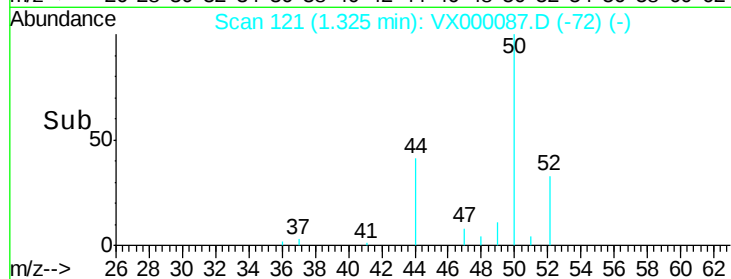
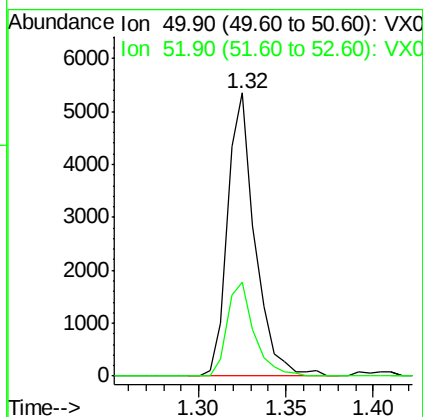
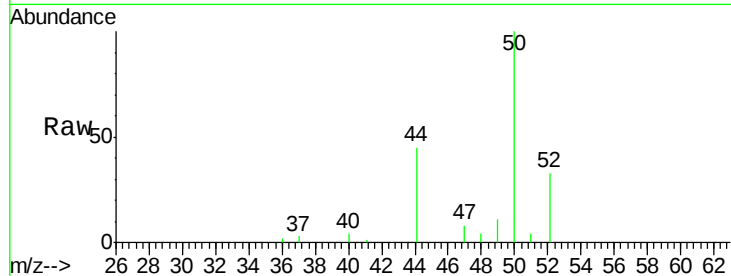
50 100

52 33.3 25.9 38.9

Manual Integrations  
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#4

Vinyl Chloride

Concen: 5.45 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000087.D

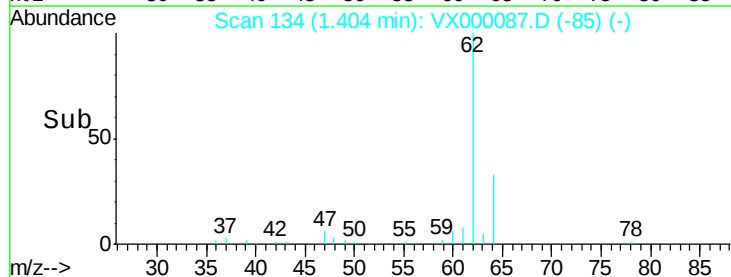
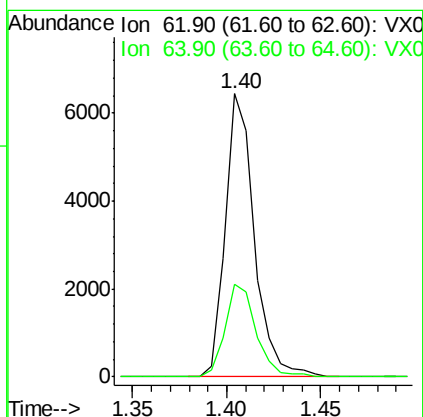
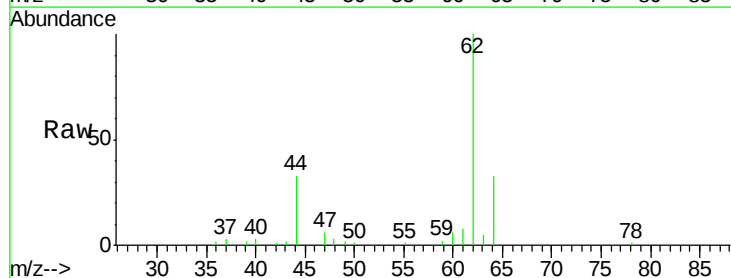
Acq: 14 Feb 2018 15:19

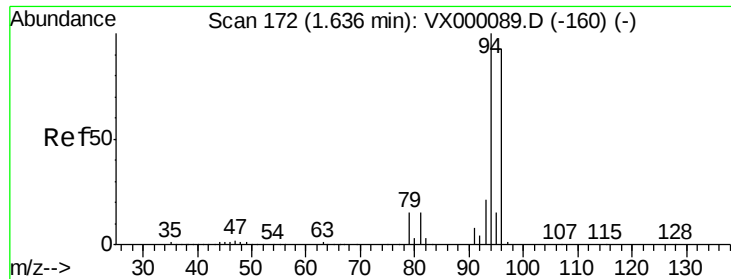
Tgt Ion: 62 Resp: 6861

Ion Ratio Lower Upper

62 100

64 32.9 24.6 37.0





#5

Bromomethane

Concen: 9.33 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 94 Resp: 6943

Ion Ratio Lower Upper

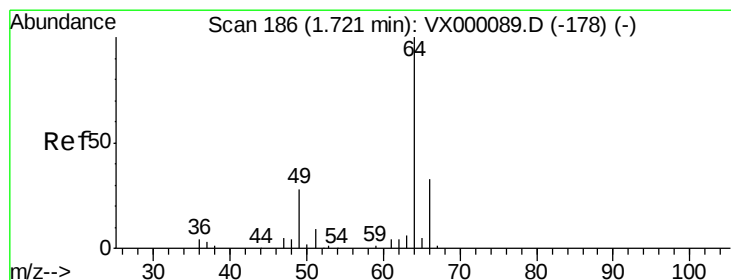
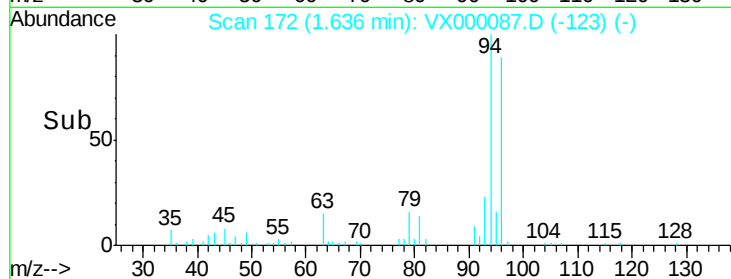
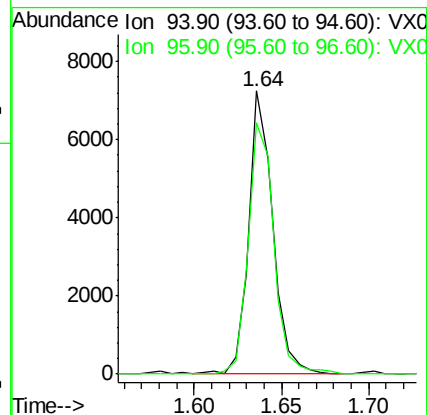
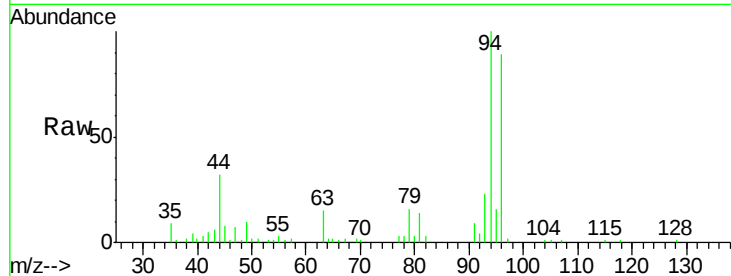
94 100

96 88.9 74.6 112.0

Manual Integrations  
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#6

Chloroethane

Concen: 5.86 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000087.D

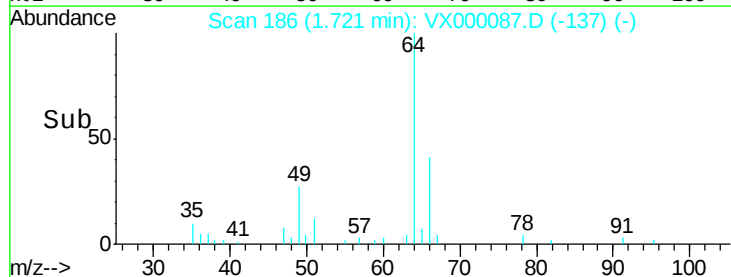
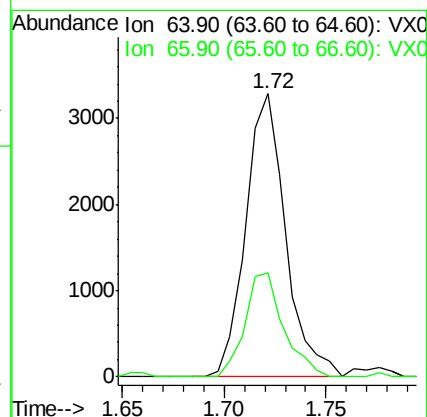
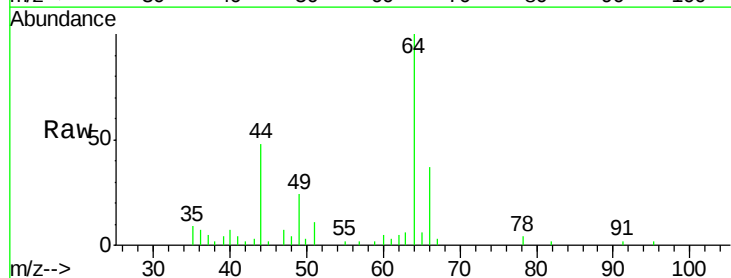
Acq: 14 Feb 2018 15:19

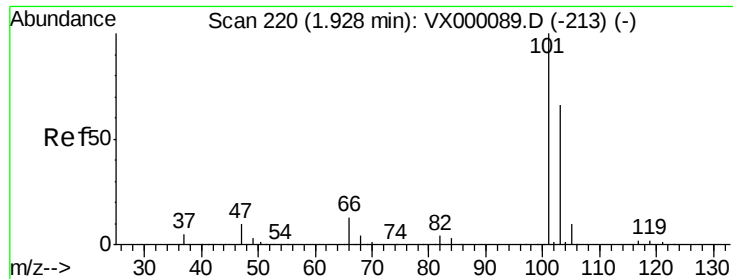
Tgt Ion: 64 Resp: 4465

Ion Ratio Lower Upper

64 100

66 37.0 26.0 39.0





#7

Trichlorofluoromethane

Concen: 5.64 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Tot Ion: 101 Resp: 12400

Ion Ratio Lower Upper

101 100

103 65.5 52.7 79.1

Instrument :

ClientSampled :

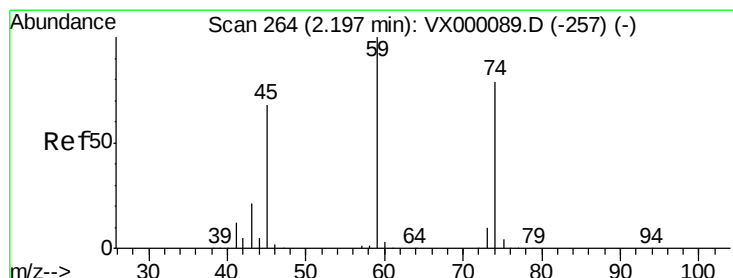
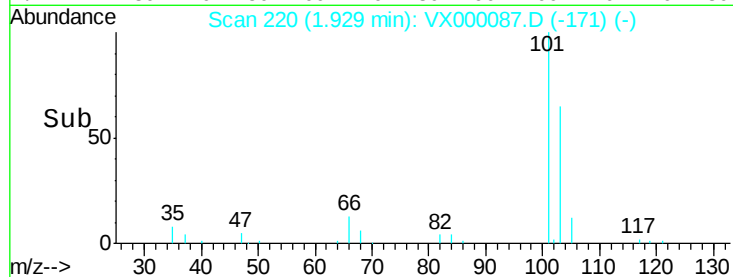
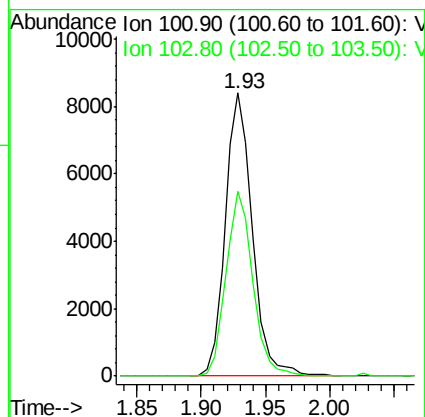
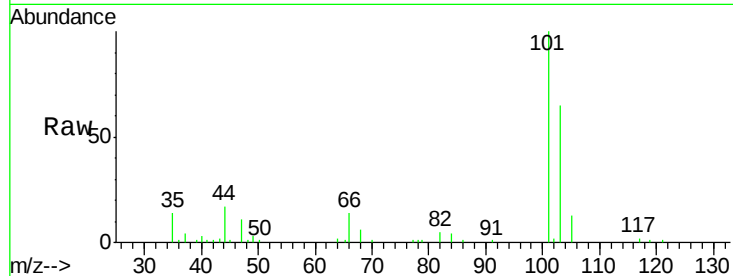
VSTDIC005

Manual Integrations

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sam

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#8

Diethyl Ether

Concen: 5.35 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX000087.D

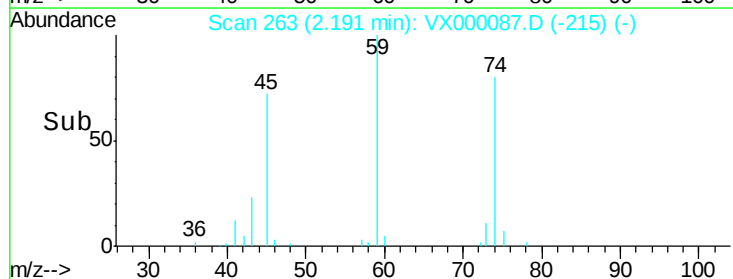
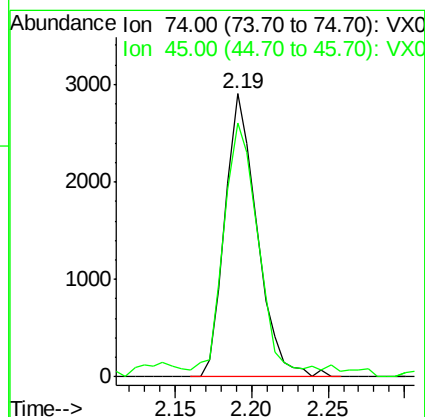
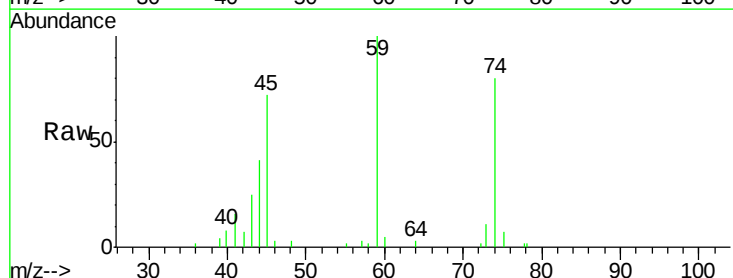
Acq: 14 Feb 2018 15:19

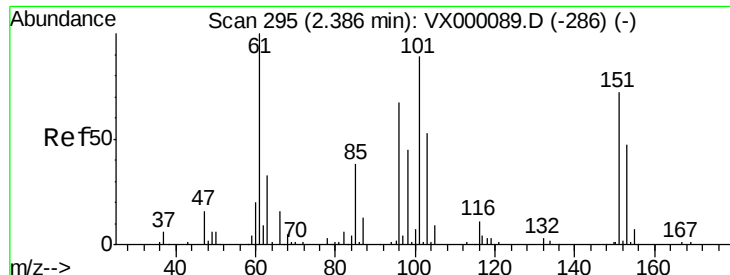
Tgt Ion: 74 Resp: 4238

Ion Ratio Lower Upper

74 100

45 89.7 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.66 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

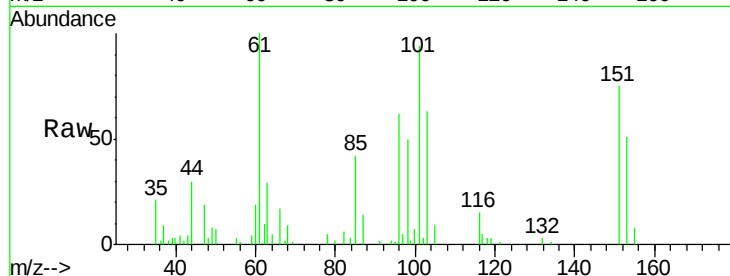
ClientSampled :

VSTDIC005

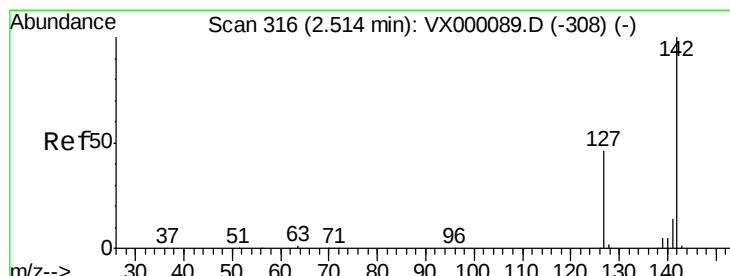
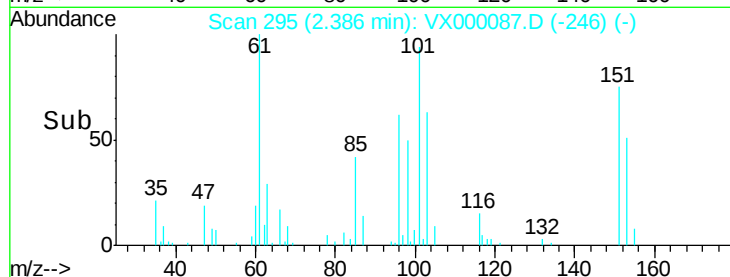
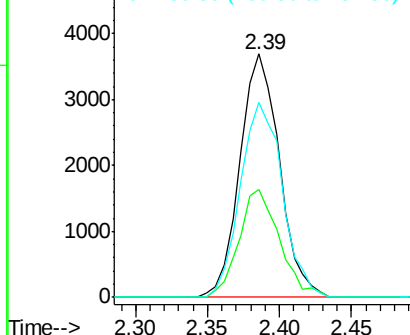
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 101   | Resp: | 7023 |
| Ion Ratio | Lower | Upper |      |
| 101       | 100   |       |      |
| 85        | 45.5  | 36.7  | 55.1 |
| 151       | 85.2  | 65.8  | 98.6 |

Manual Integrations  
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Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): VX  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.85 ug/l

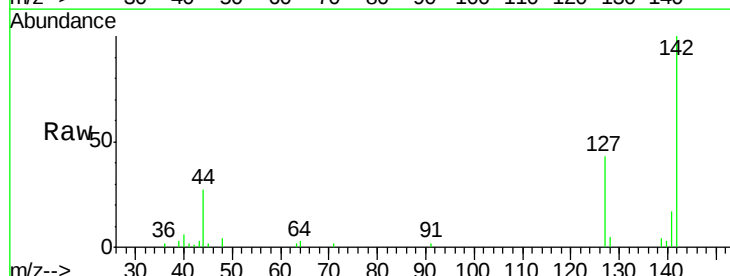
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

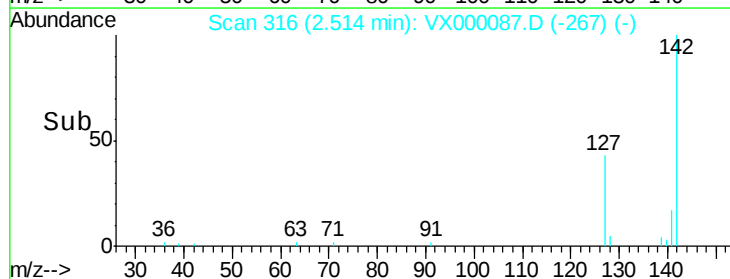
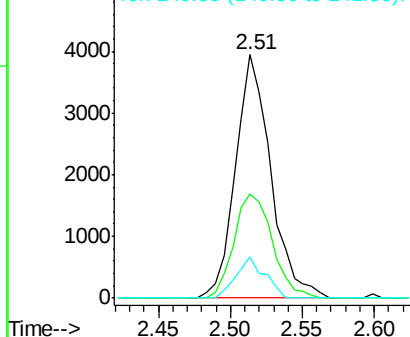
Lab File: VX000087.D

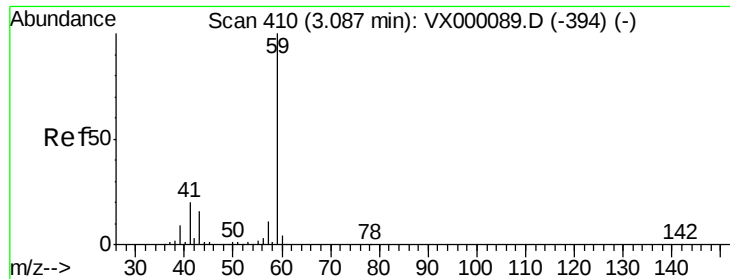
Acq: 14 Feb 2018 15:19

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 142   | Resp: | 6726 |
| Ion Ratio | Lower | Upper |      |
| 142       | 100   |       |      |
| 127       | 46.4  | 36.8  | 55.2 |
| 141       | 13.8  | 11.6  | 17.4 |



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V





#11

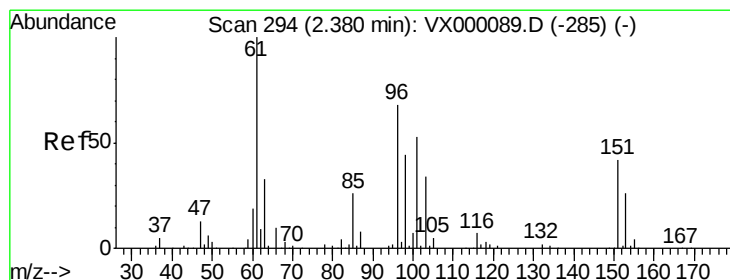
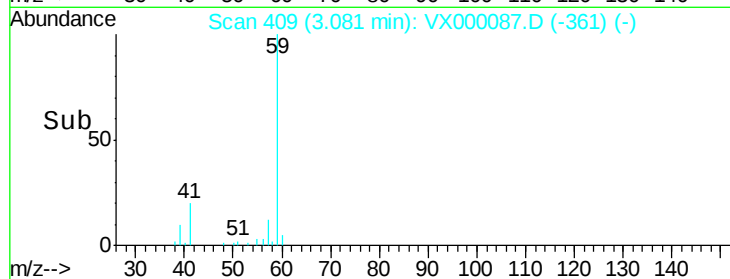
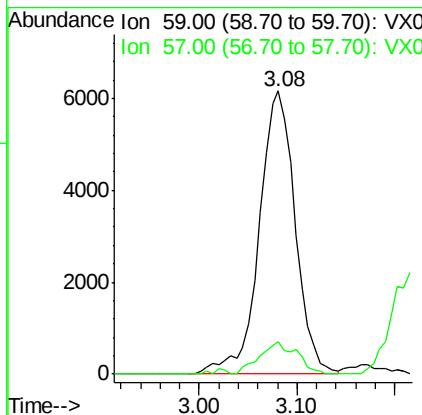
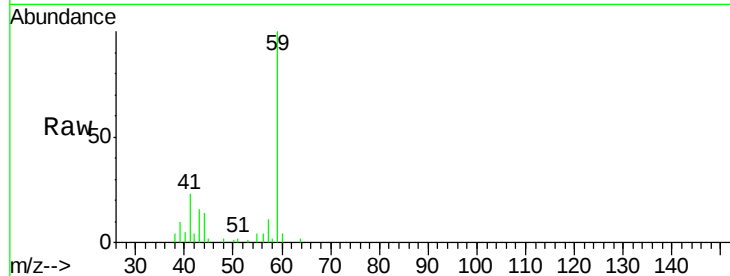
Tert butyl alcohol  
Concen: 30.35 ug/l  
RT: 3.08 min Scan# 409  
Delta R.T. -0.01 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 11.9  | 8.3   | 12.5  |

Manual Integrations  
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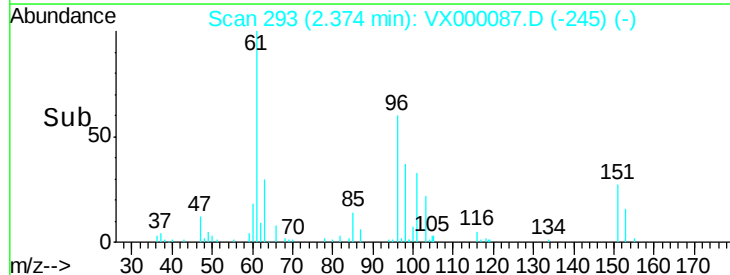
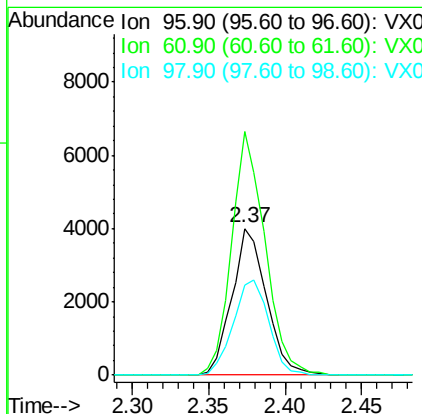
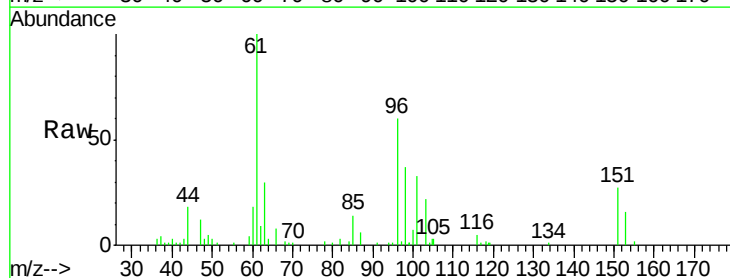
sam  
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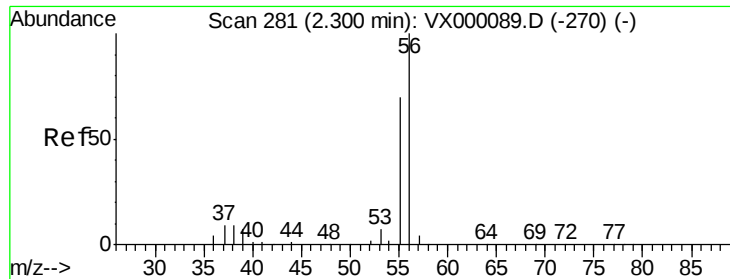


#12

1,1-Dichloroethene  
Concen: 5.33 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. -0.01 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 166.4 | 117.7 | 176.5 |
| 98      | 61.8  | 51.3  | 76.9  |





#13

Acrolein

Concen: 29.26 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 56 Resp: 7579

Ion Ratio Lower Upper

56 100

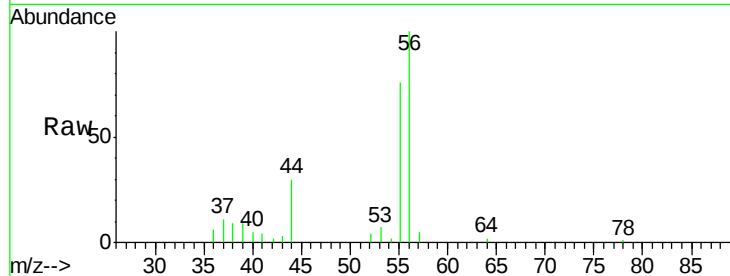
55 83.4 56.2 84.4

Manual Integrations

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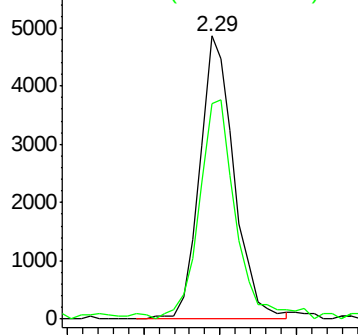
sam

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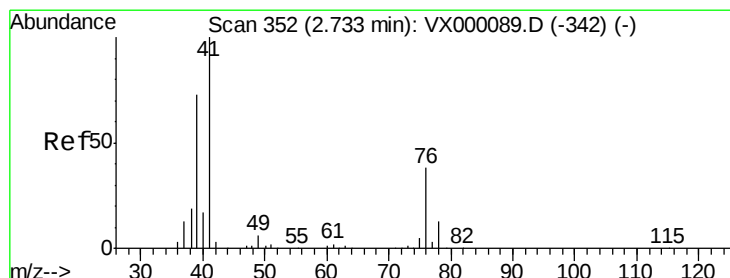
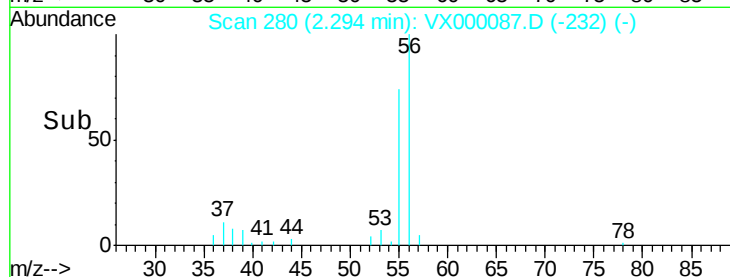


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time--> 2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 5.50 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

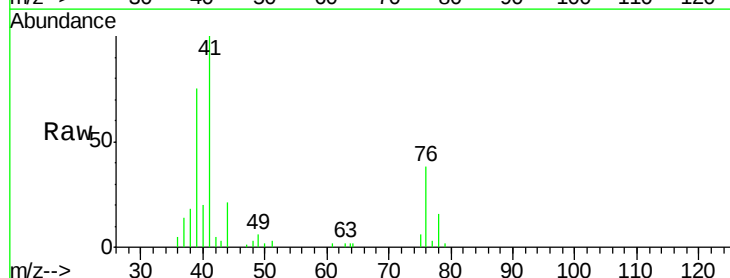
Tgt Ion: 41 Resp: 11266

Ion Ratio Lower Upper

41 100

39 69.2 55.1 82.7

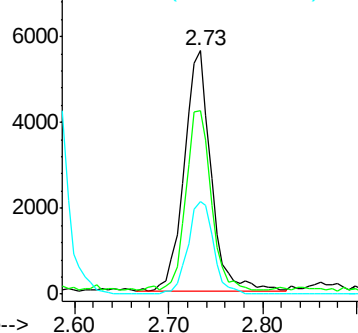
76 36.2 28.5 42.7



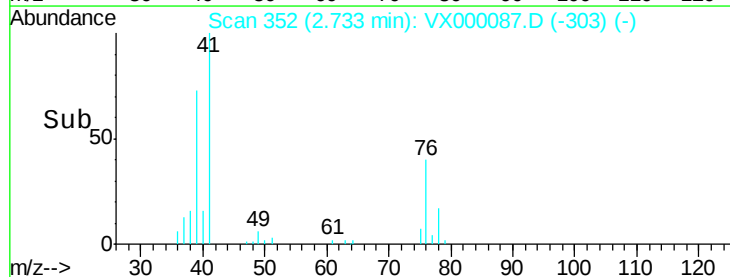
Abundance Ion 41.00 (40.70 to 41.70): VX0

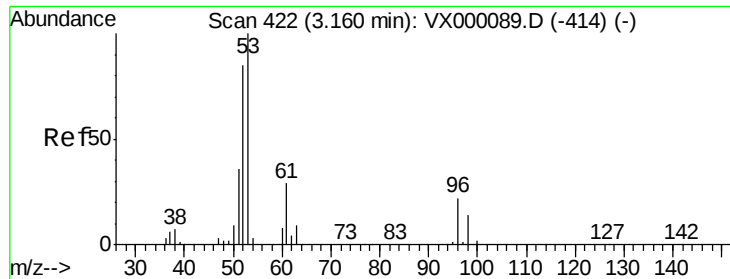
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 28.58 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

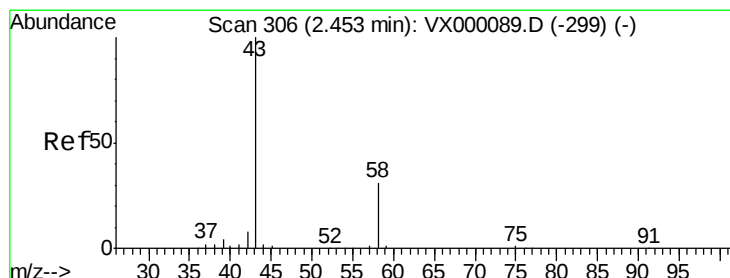
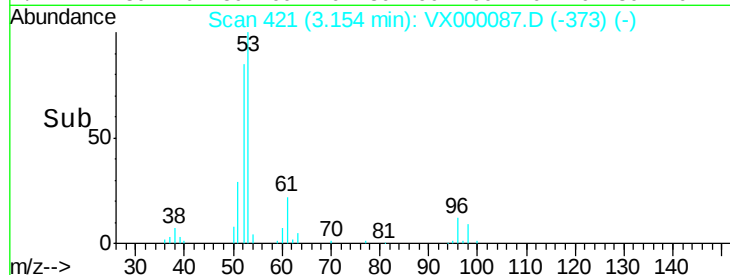
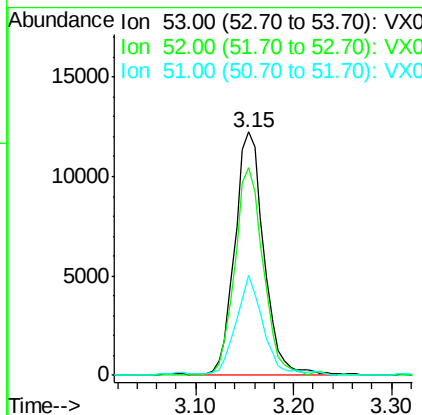
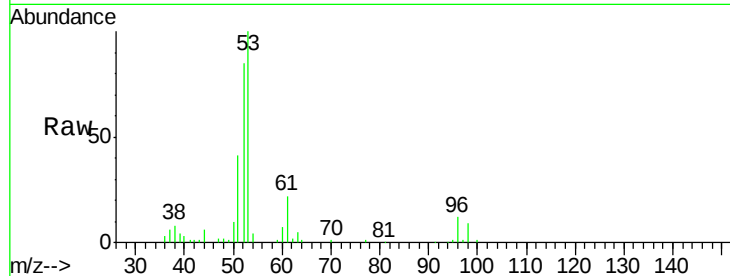
ClientSampled :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 25493 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 82.5  | 66.5  | 99.7  |
| 51        | 36.3  | 29.0  | 43.6  |

Manual Integrations  
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sam  
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#16

Acetone

Concen: 33.15 ug/l

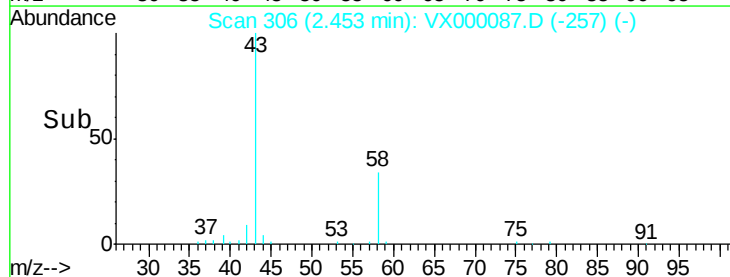
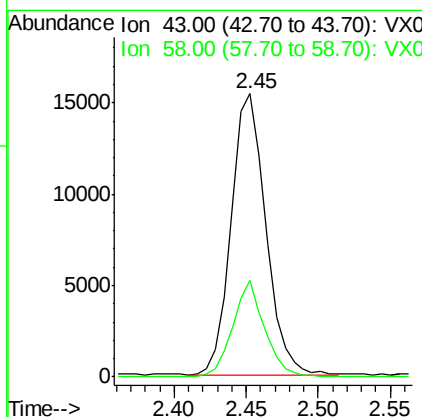
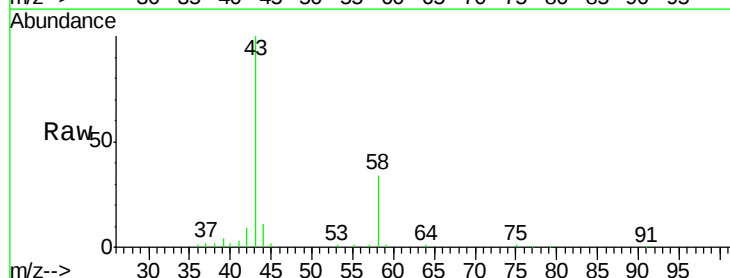
RT: 2.45 min Scan# 306

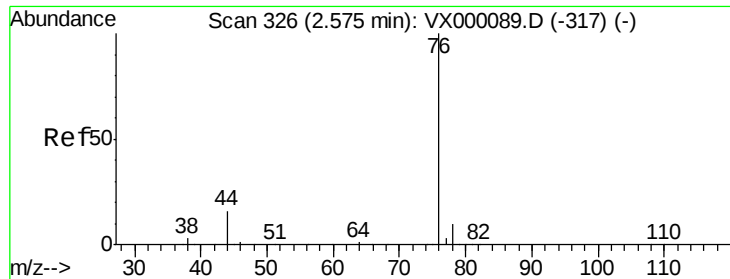
Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 25952 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 34.2  | 25.0  | 37.4  |





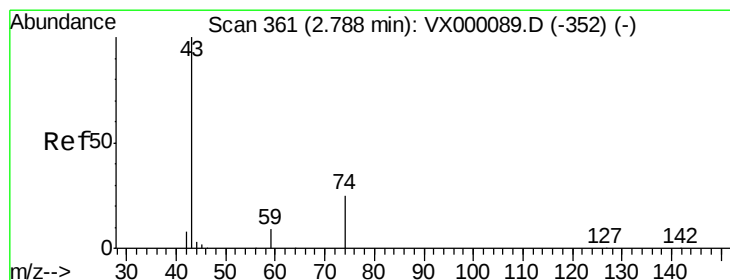
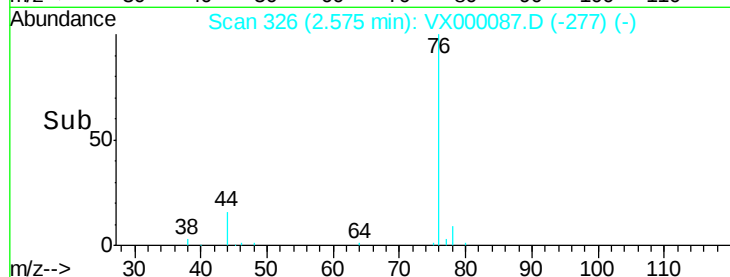
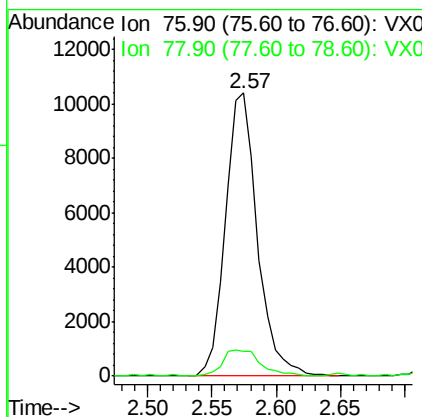
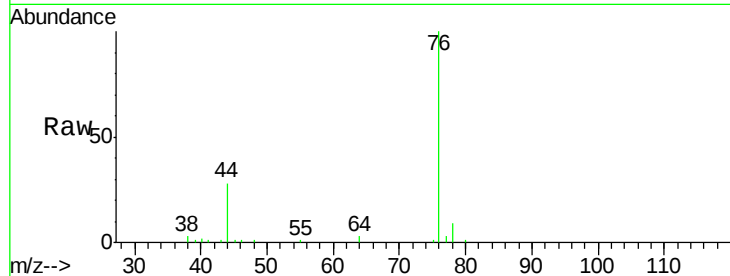
#17  
Carbon Disulfide  
Concen: 5.32 ug/l  
RT: 2.57 min Scan# 326  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.7   | 7.8   | 11.8  |

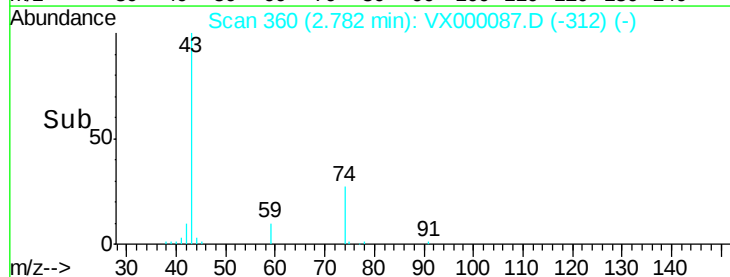
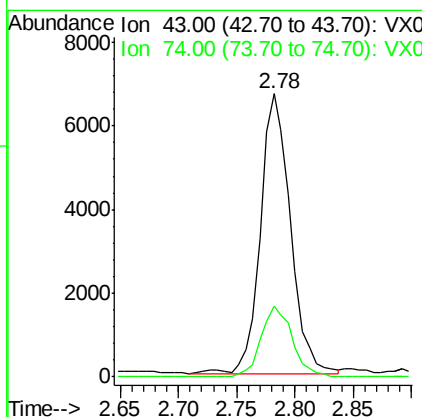
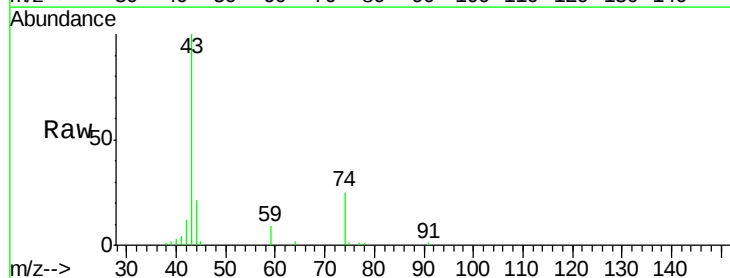
Manual Integrations  
APPROVED

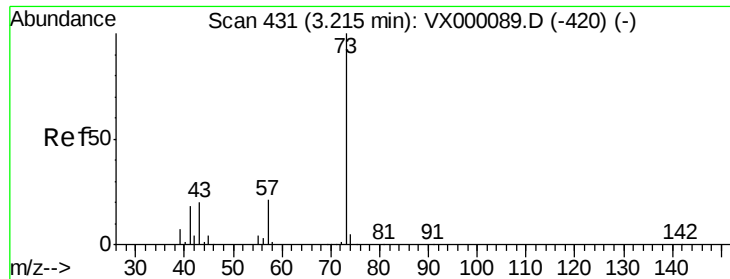
sam  
2/16/2018 1:20:28 PM



#18  
Methyl Acetate  
Concen: 6.28 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. -0.01 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 26.2  | 20.2  | 30.4  |





#19

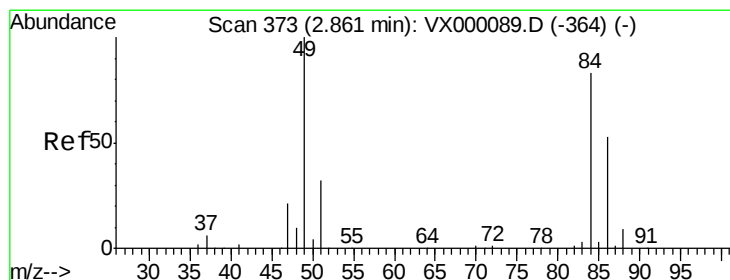
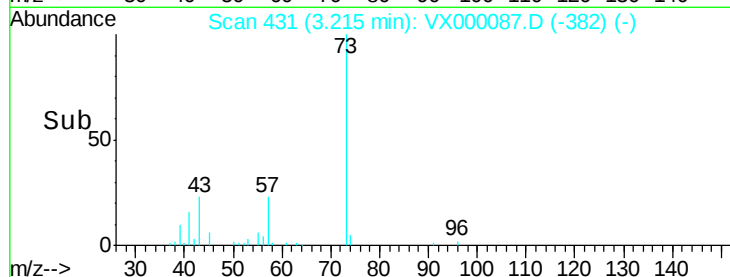
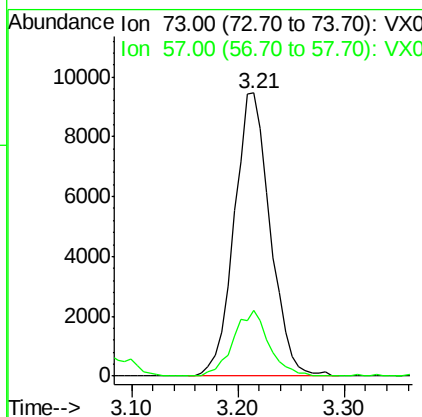
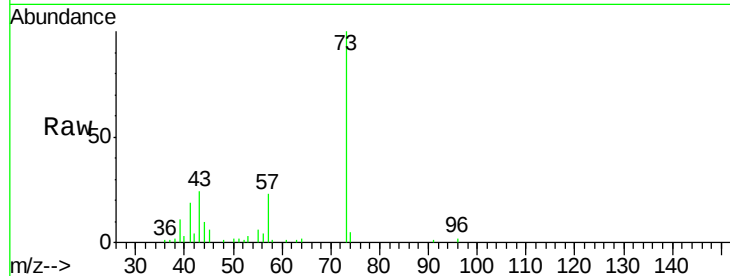
Methyl tert-butyl Ether  
Concen: 5.58 ug/l  
RT: 3.21 min Scan# 431  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

Tot Ion: 73 Resp: 22413  
Ion Ratio Lower Upper  
73 100  
57 23.4 16.4 24.6

Manual Integrations  
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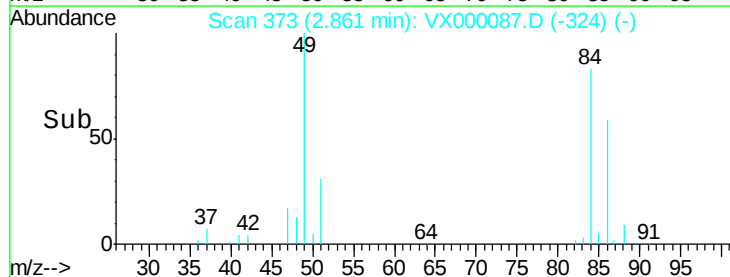
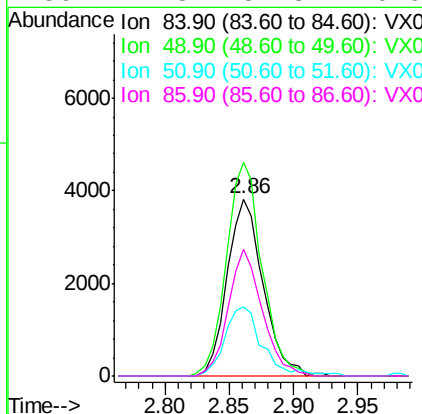
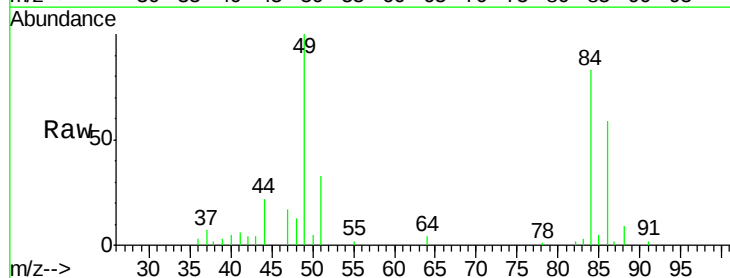
sam  
2/16/2018 1:20:28 PM

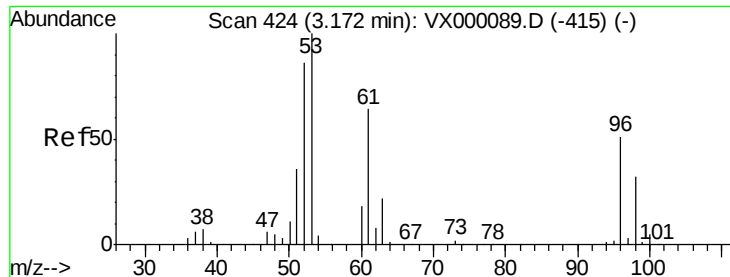


#20

Methylene Chloride  
Concen: 5.93 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Tgt Ion: 84 Resp: 7421  
Ion Ratio Lower Upper  
84 100  
49 120.8 96.1 144.1  
51 39.3 30.5 45.7  
86 71.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 5.65 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

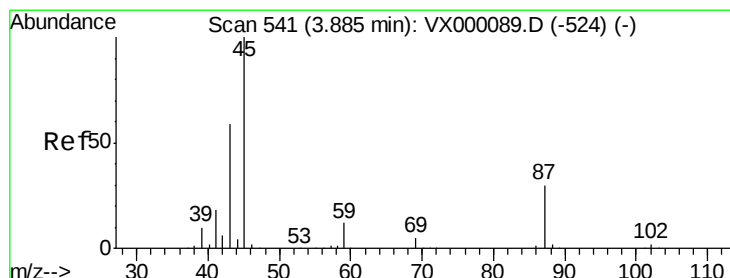
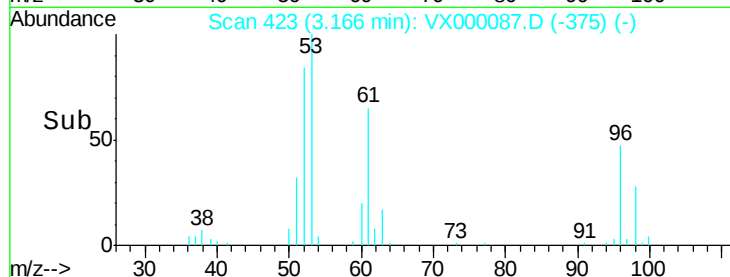
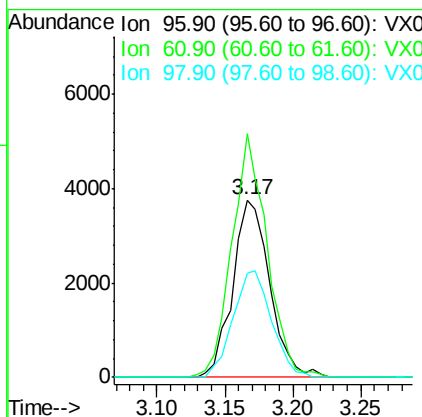
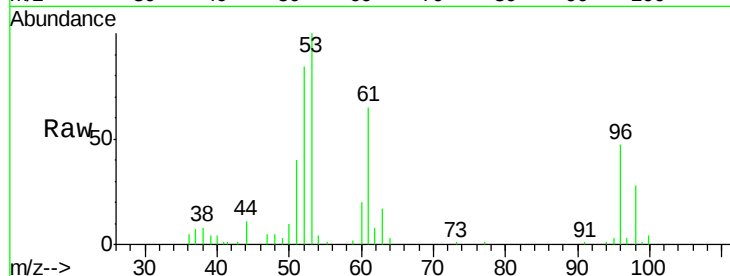
ClientSampled :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 7143  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 137.3 | 100.3 | 150.5 |
| 98       | 58.5  | 50.6  | 75.8  |

Manual Integrations  
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sam  
2/16/2018 1:20:28 PM



#22

Diisopropyl ether

Concen: 5.98 ug/l

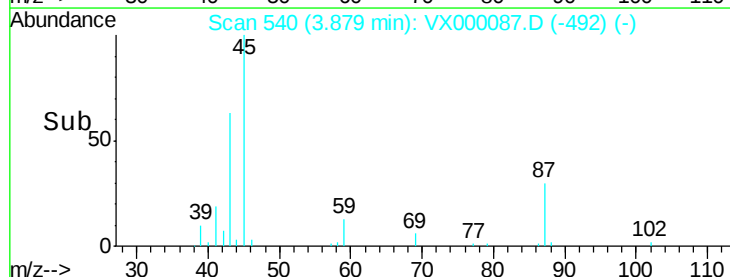
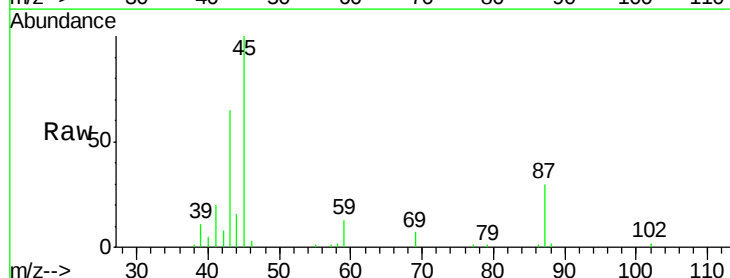
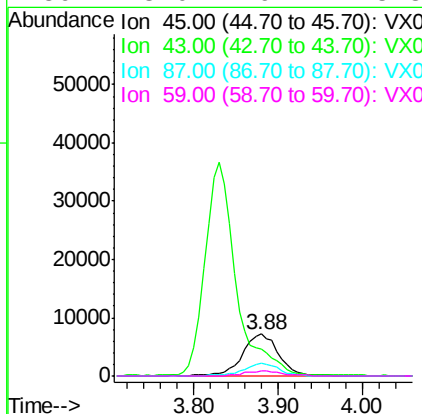
RT: 3.88 min Scan# 540

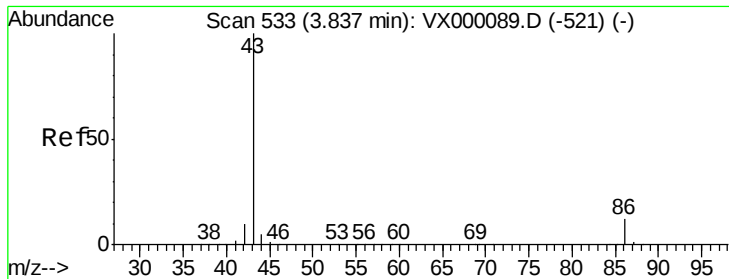
Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 20240 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 62.5  | 47.4  | 71.2  |
| 87       | 30.3  | 24.2  | 36.2  |
| 59       | 13.0  | 9.2   | 13.8  |





#23

Vinyl Acetate

Concen: 30.65 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 93947

Ion Ratio Lower Upper

43 100

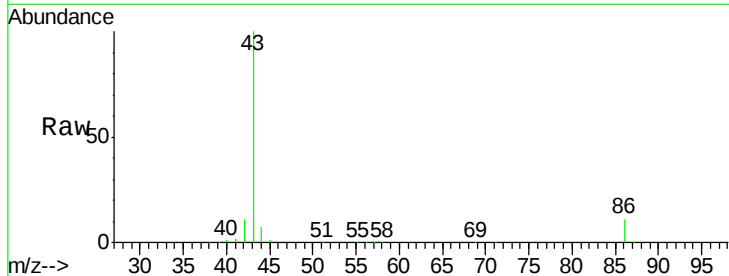
86 11.0 9.4 14.0

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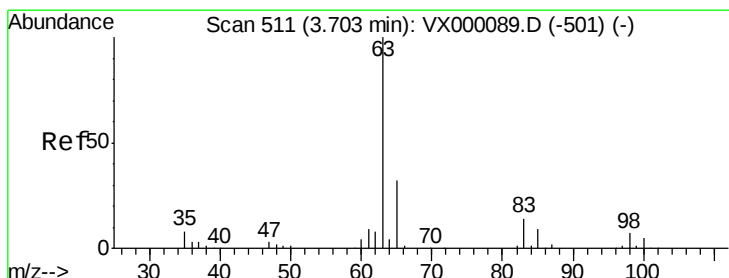
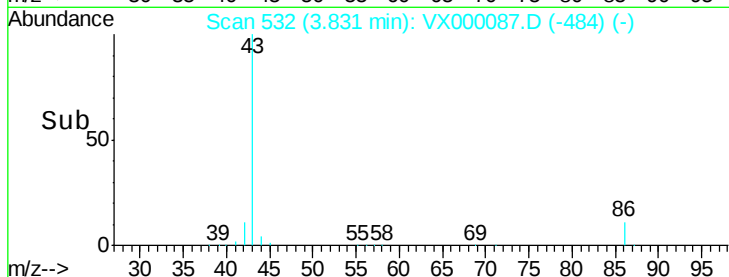
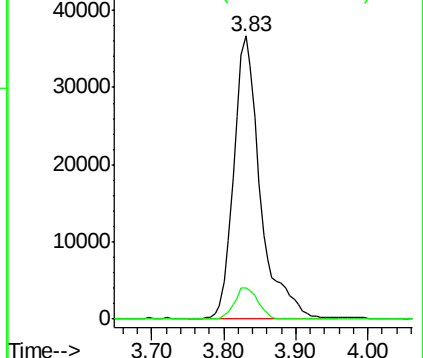
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.96 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

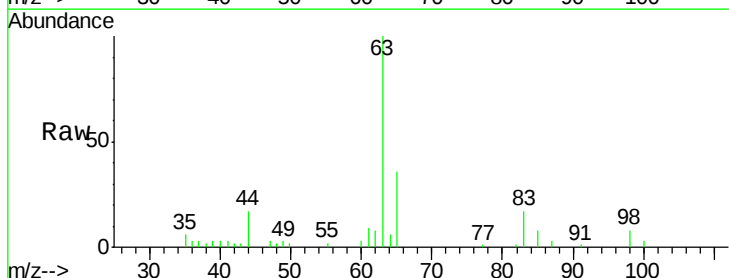
Tgt Ion: 63 Resp: 12197

Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.5

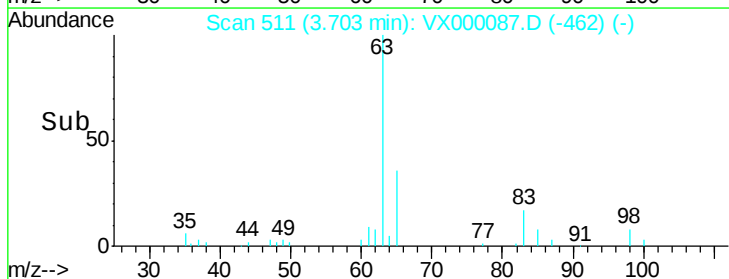
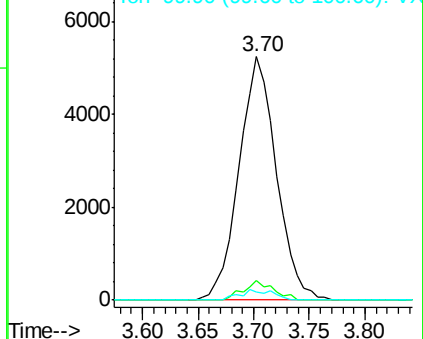
100 3.5 2.4 7.1

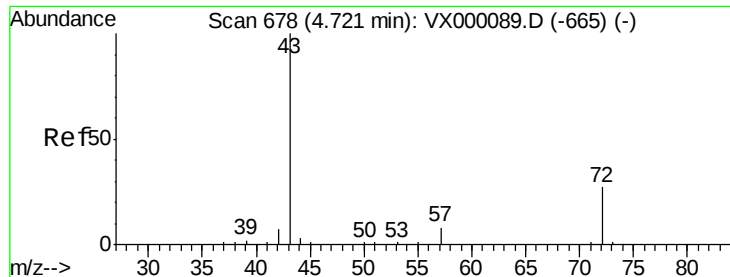


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 30.27 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 35045

Ion Ratio Lower Upper

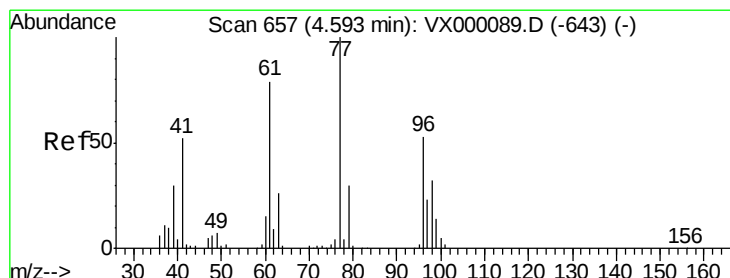
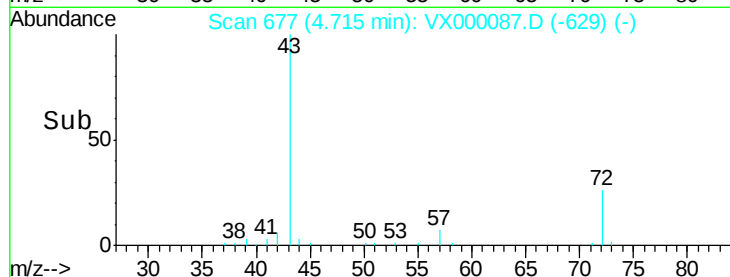
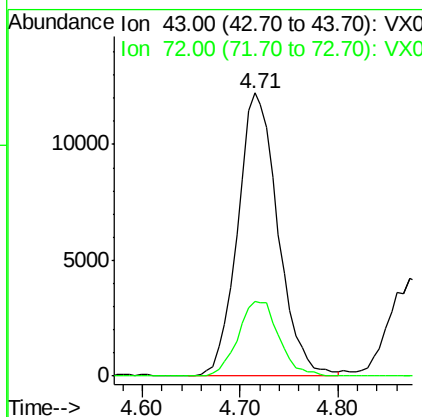
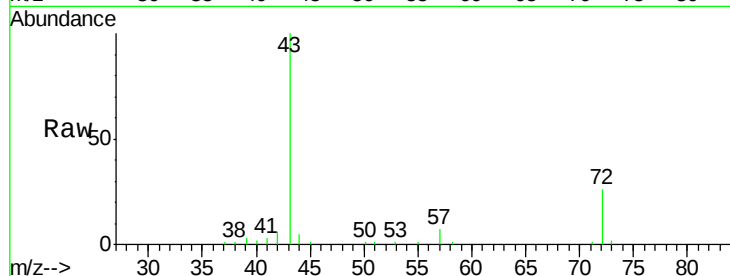
43 100

72 26.2 21.3 31.9

Manual Integrations  
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sam

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#26

2,2-Dichloropropane

Concen: 5.29 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000087.D

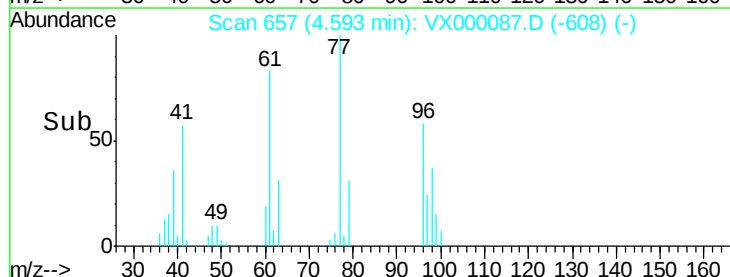
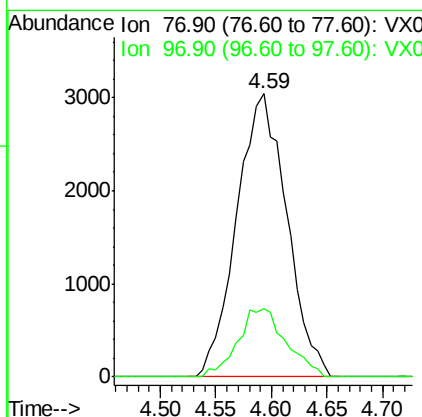
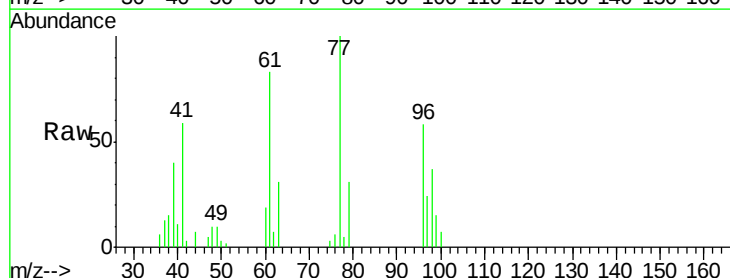
Acq: 14 Feb 2018 15:19

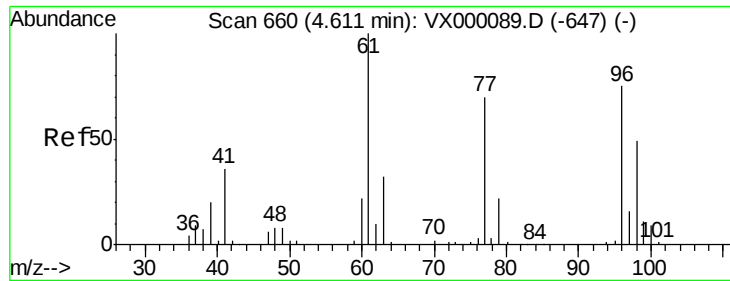
Tgt Ion: 77 Resp: 9505

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.2





#27

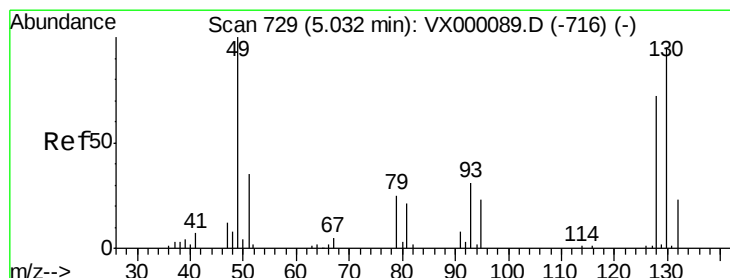
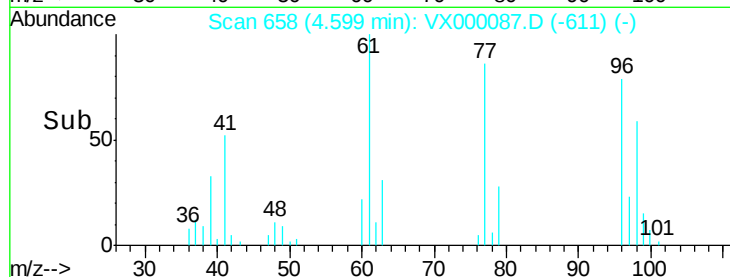
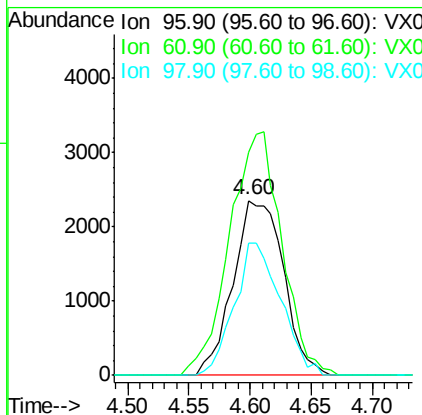
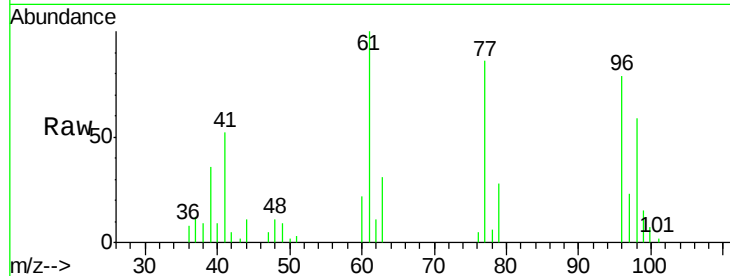
cis-1,2-Dichloroethene  
Concen: 5.48 ug/l  
RT: 4.60 min Scan# 658  
Delta R.T. -0.01 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 144.0 | 0.0   | 285.6 |
| 98      | 69.7  | 0.0   | 131.8 |

Manual Integrations  
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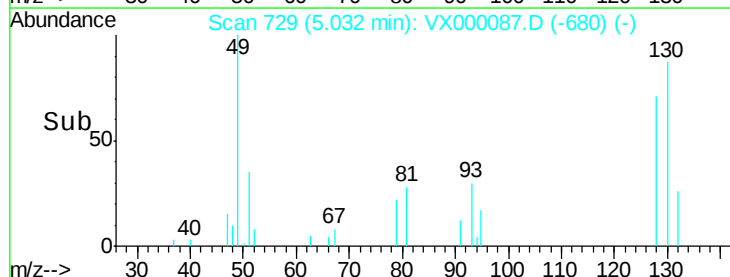
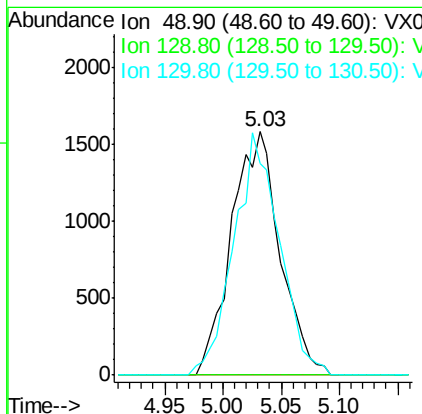
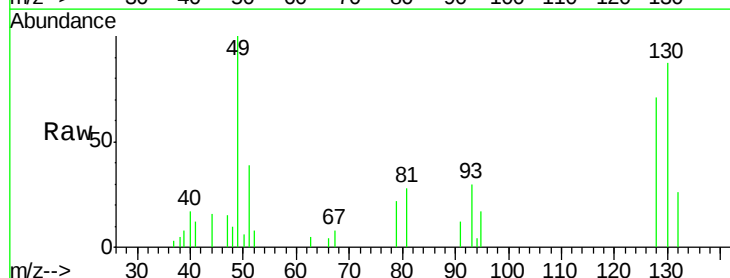
sam  
2/16/2018 1:20:28 PM

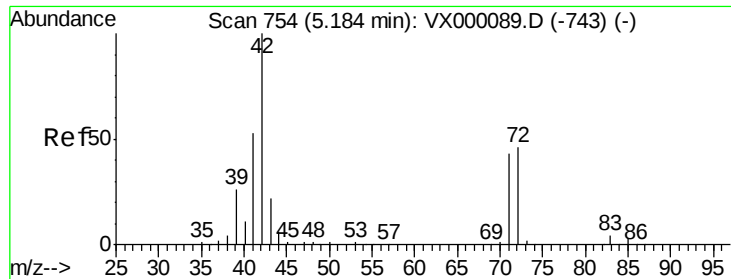


#28

Bromochloromethane  
Concen: 6.23 ug/l  
RT: 5.03 min Scan# 729  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.0   | 0.0   | 5.0   |
| 130     | 93.1  | 71.9  | 107.9 |





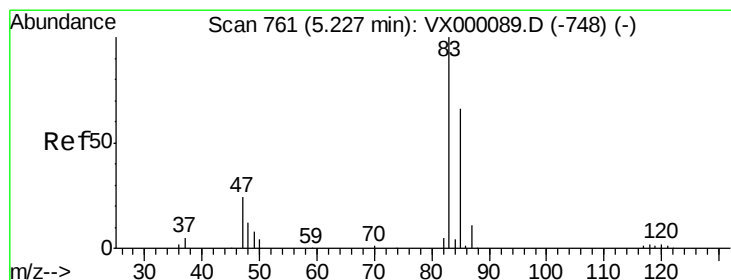
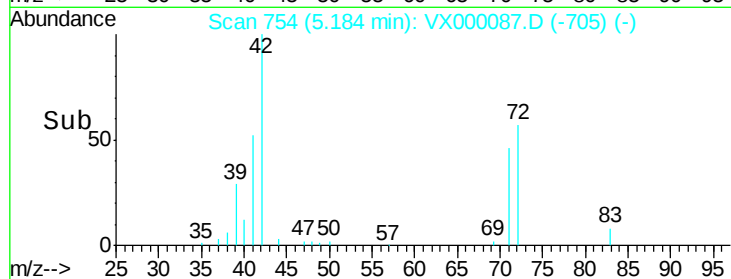
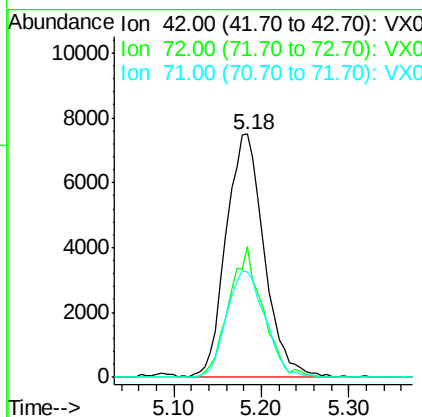
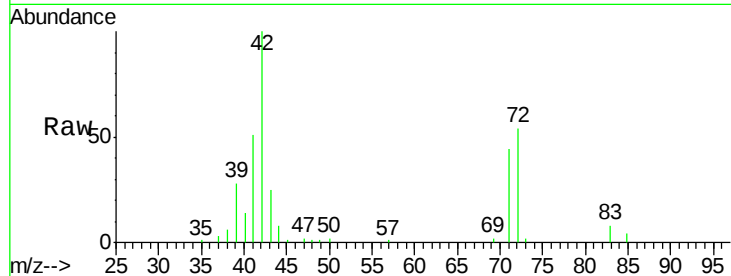
#29  
Tetrahydrofuran  
Concen: 28.85 ug/l  
RT: 5.18 min Scan# 754  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 47.9  | 38.6  | 58.0  |
| 71      | 44.5  | 36.2  | 54.4  |

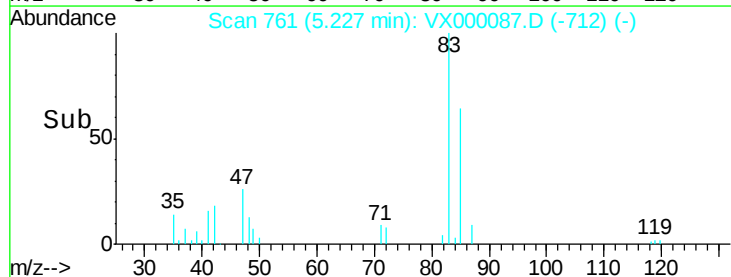
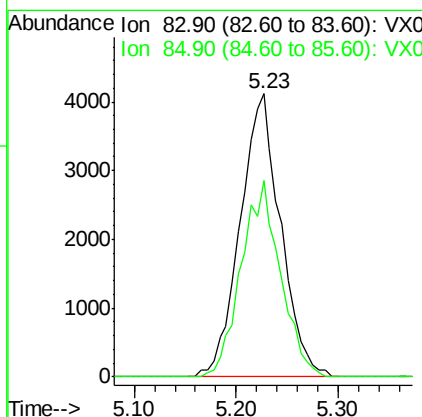
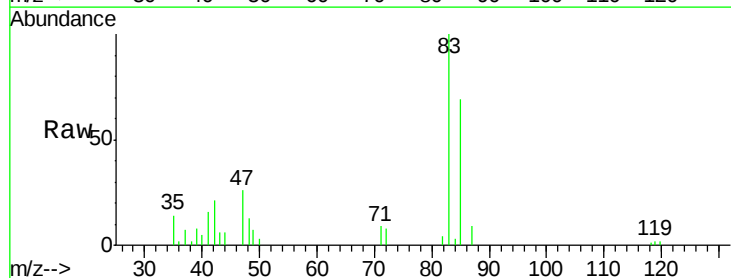
Manual Integrations  
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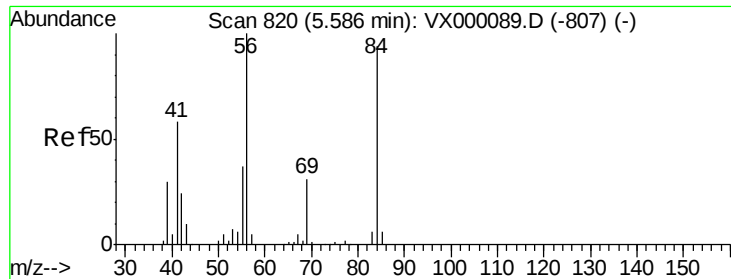
sam  
2/16/2018 1:20:28 PM



#30  
Chloroform  
Concen: 5.36 ug/l  
RT: 5.23 min Scan# 761  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 69.2  | 52.7  | 79.1  |





#31

Cyclohexane

Concen: 5.61 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

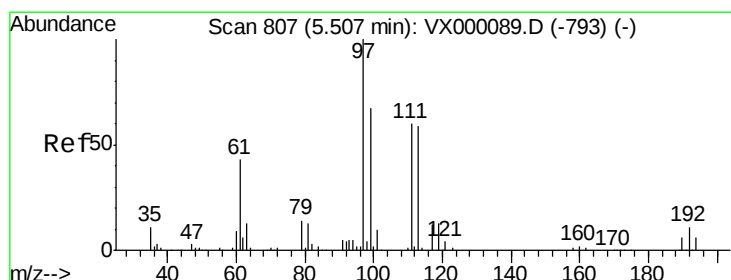
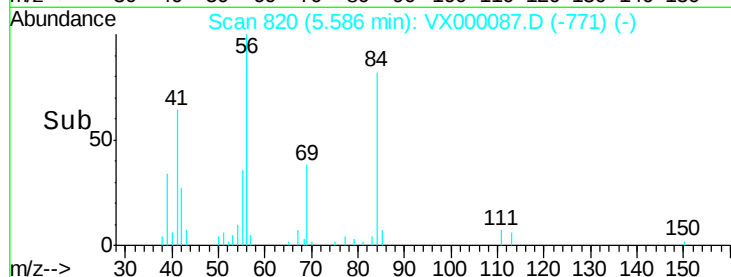
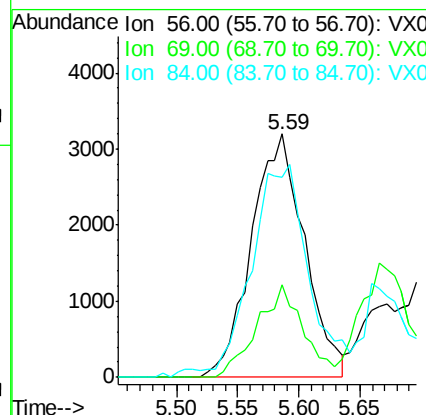
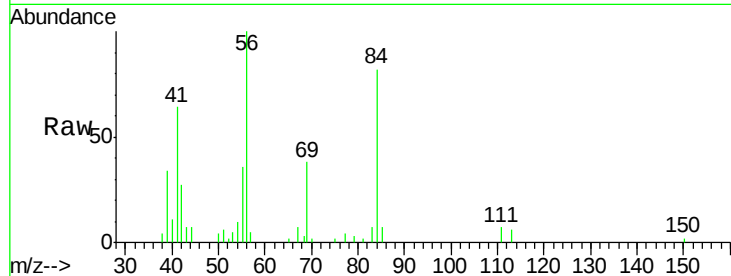
ClientSampled :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 56    | Resp: | 9648  |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 38.2  | 24.9  | 37.3# |
| 84        | 79.1  | 75.0  | 112.4 |

Manual Integrations  
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sam  
2/16/2018 1:20:28 PM



#32

1,1,1-Trichloroethane

Concen: 5.27 ug/l

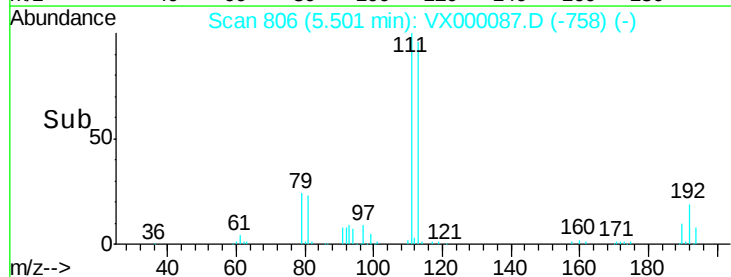
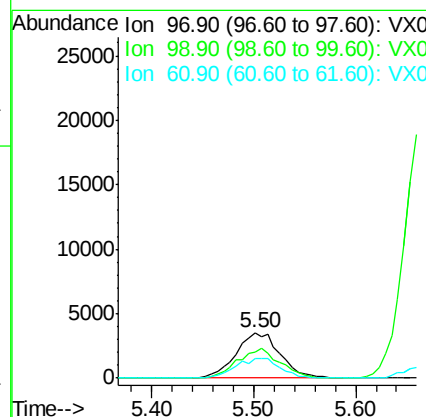
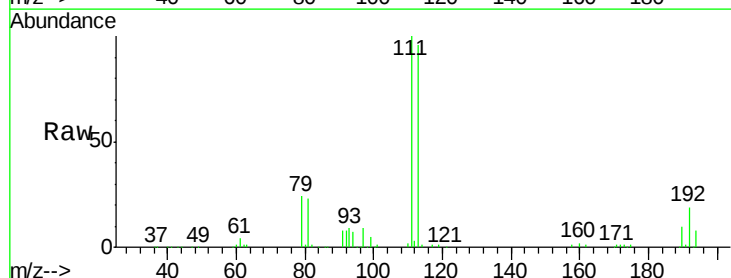
RT: 5.50 min Scan# 806

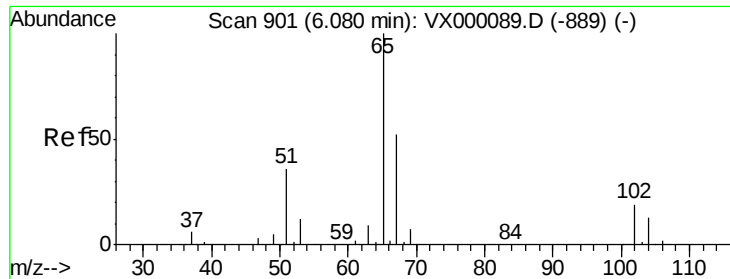
Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 10498 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 63.6  | 51.1  | 76.7  |
| 61        | 43.8  | 33.4  | 50.0  |





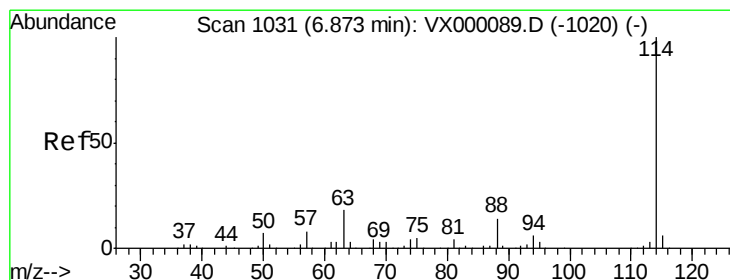
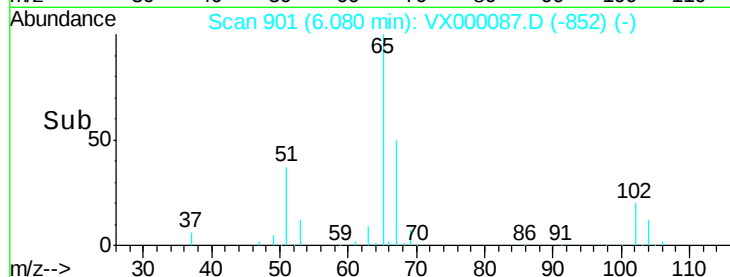
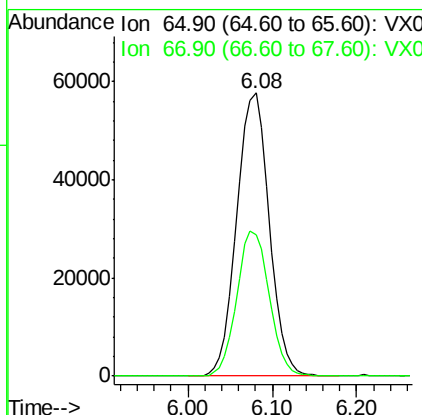
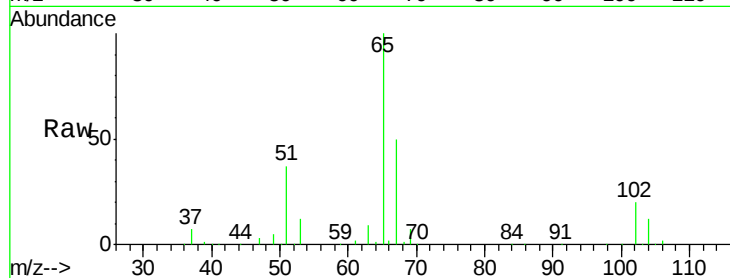
#33  
 1,2-Dichloroethane-d4  
 Concen: 116.53 ug/l  
 RT: 6.08 min Scan# 901  
 Delta R.T. 0.00 min  
 Lab File: VX000087.D  
 Acq: 14 Feb 2018 15:19

Instrument :  
 ClientSampled :  
 VSTDIC005

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 150565 |       |       |
| 67      | 51.2  | 0.0    | 104.8 |       |

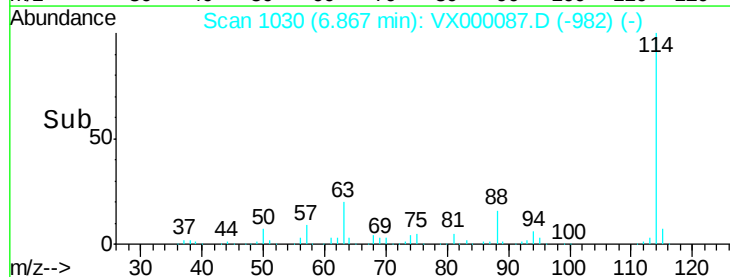
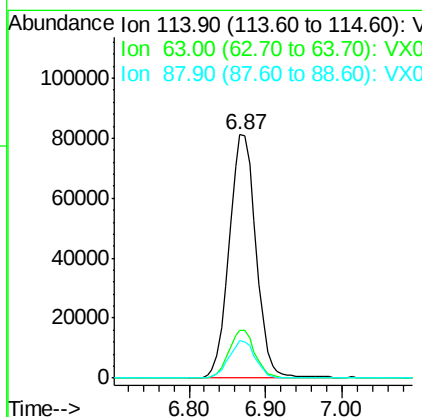
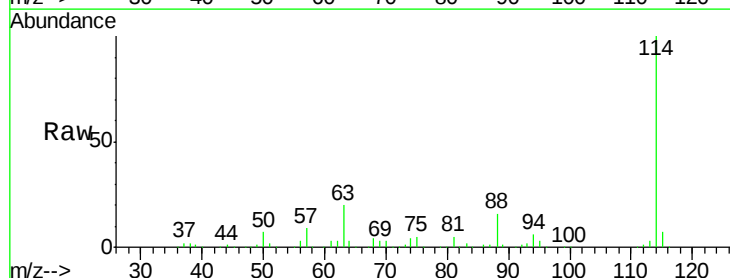
Manual Integrations  
 APPROVED

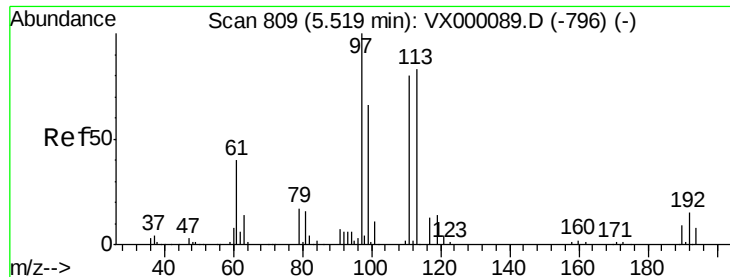
sam  
 2/16/2018 1:20:28 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.01 min  
 Lab File: VX000087.D  
 Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 197659 |       |       |
| 63      | 19.9  | 0.0    | 36.4  |       |
| 88      | 15.7  | 0.0    | 29.0  |       |





#35

Dibromofluoromethane

Concen: 105.30 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

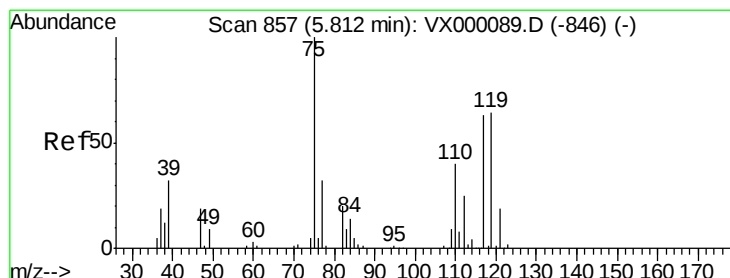
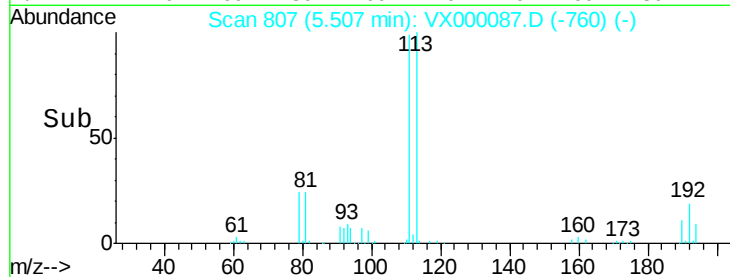
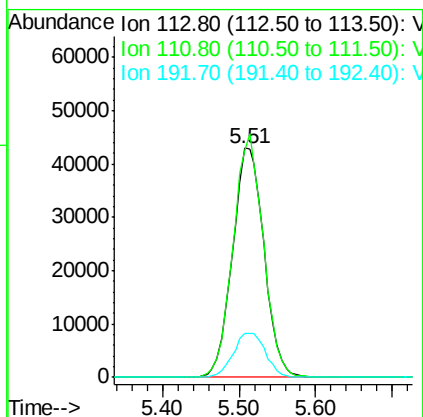
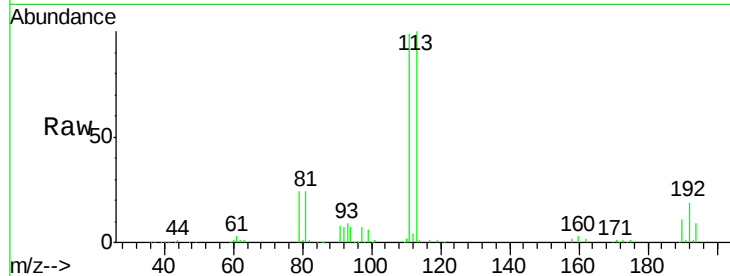
ClientSampled :

VSTDIC005

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 122663 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.4 | 81.0  | 121.6  |
| 192       | 19.7  | 15.7  | 23.5   |

Manual Integrations  
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sam  
2/16/2018 1:20:28 PM



#36

1,1-Dichloropropene

Concen: 5.58 ug/l

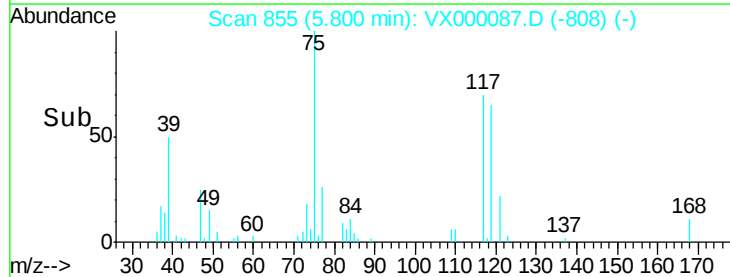
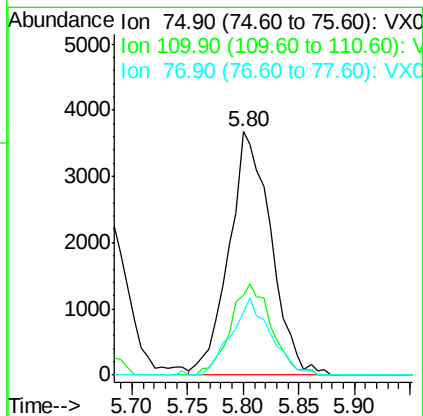
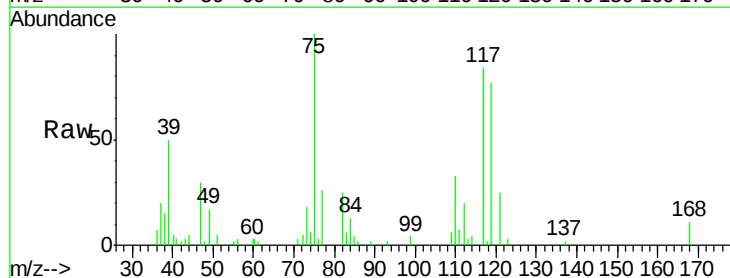
RT: 5.80 min Scan# 855

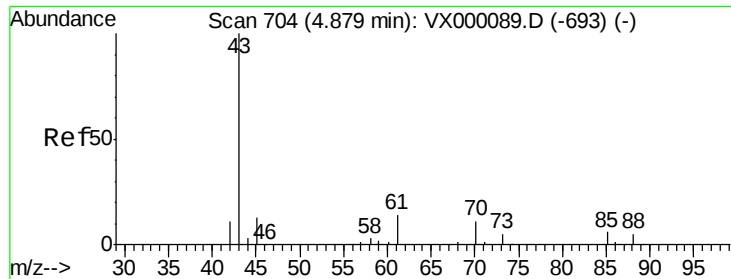
Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 75    | Resp: | 9633 |
| Ion Ratio | Lower | Upper |      |
| 75        | 100   |       |      |
| 110       | 36.5  | 19.5  | 58.5 |
| 77        | 29.6  | 24.7  | 37.1 |





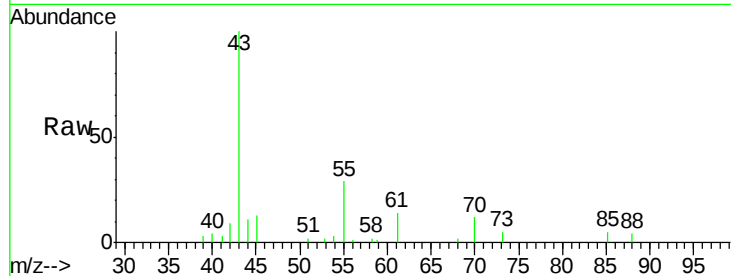
#37  
Ethyl Acetate  
Concen: 5.66 ug/l  
RT: 4.87 min Scan# 703  
Delta R.T. -0.01 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
Client Sampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.8  | 11.5  | 17.3  |
| 70      | 10.1  | 9.0   | 13.4  |

Manual Integrations  
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sam  
2/16/2018 1:20:28 PM

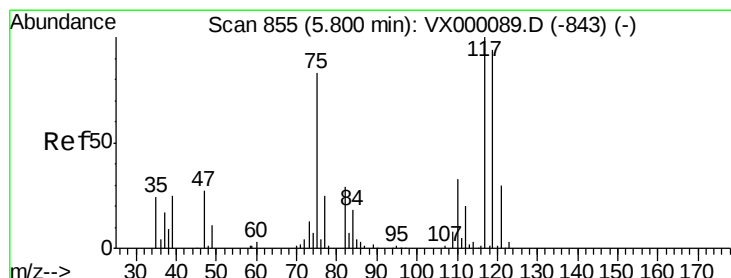
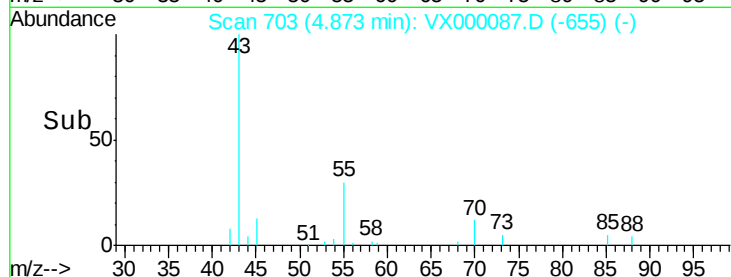
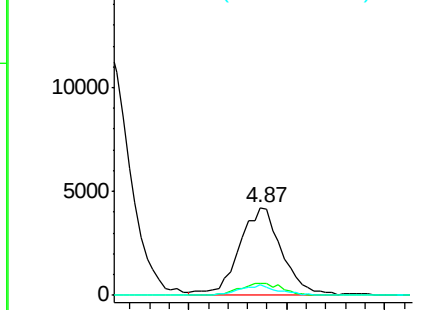


Abundance

Ion 43.00 (42.70 to 43.70): VX000089.D (-693) (-)

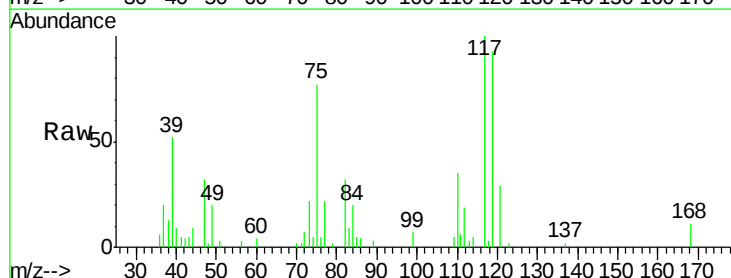
Ion 60.90 (60.60 to 61.60): VX000089.D (-693) (-)

Ion 70.00 (69.70 to 70.70): VX000089.D (-693) (-)



#38  
Carbon Tetrachloride  
Concen: 5.00 ug/l  
RT: 5.79 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.6  | 75.3  | 112.9 |
| 121     | 29.4  | 23.7  | 35.5  |

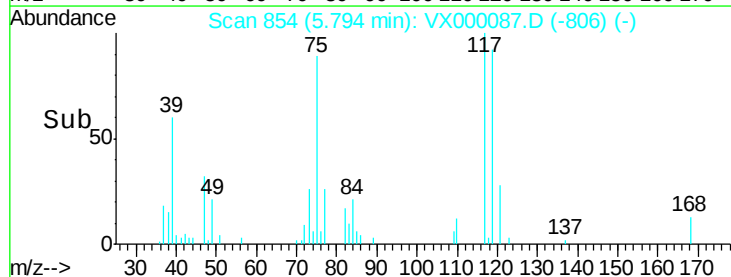
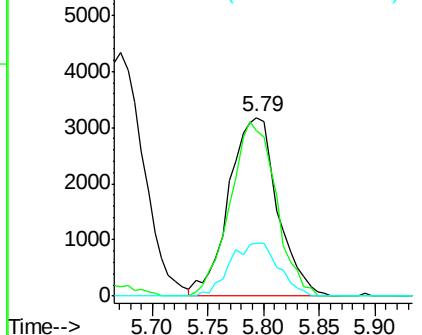


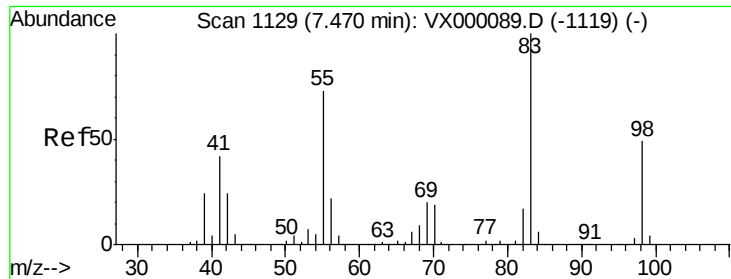
Abundance

Ion 116.80 (116.50 to 117.50): VX000089.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX000089.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000089.D (-843) (-)





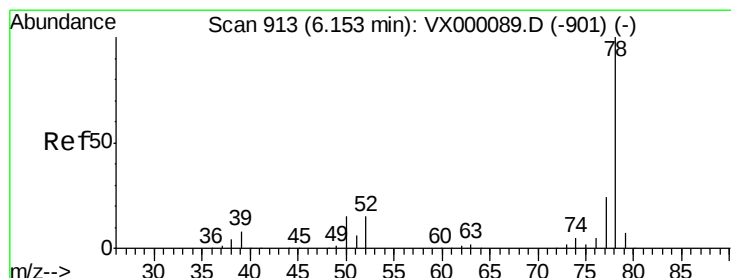
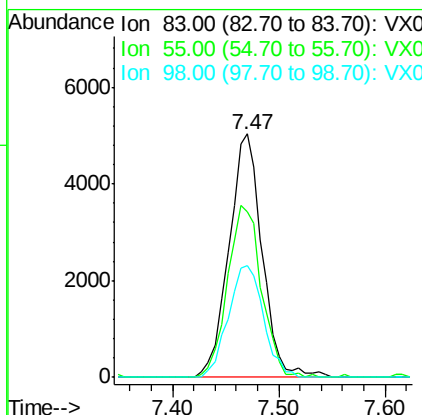
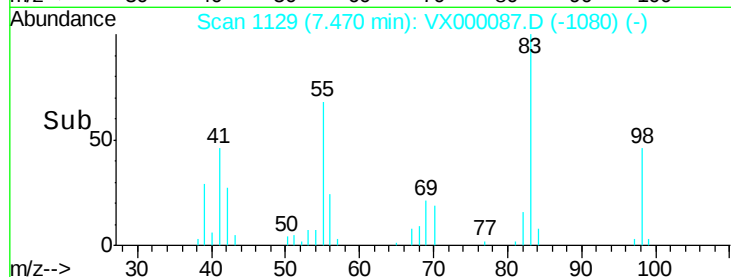
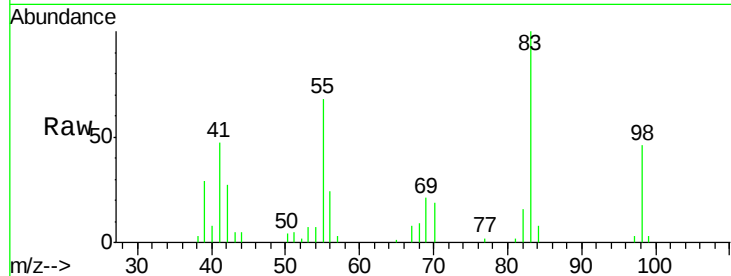
#39  
Methvlcvclohexane  
Concen: 5.25 ug/l  
RT: 7.47 min Scan# 1129  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion   | 83    | Resp  | 10976 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 68.2  | 58.2  | 87.2  |
| 98        | 45.7  | 39.0  | 58.6  |

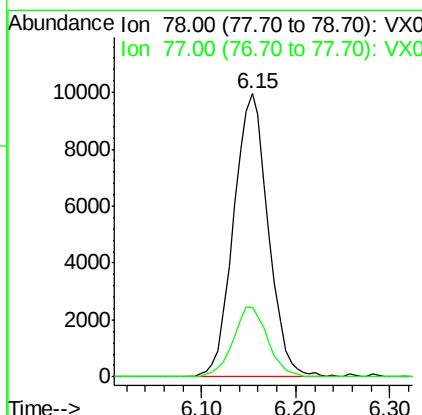
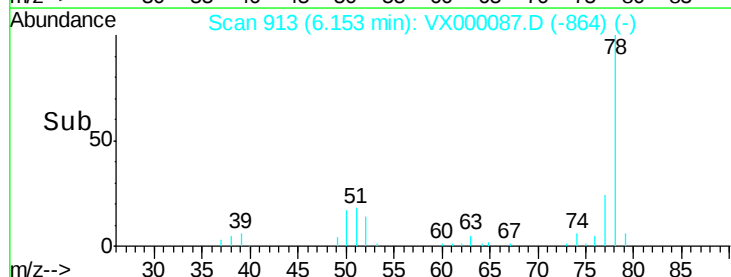
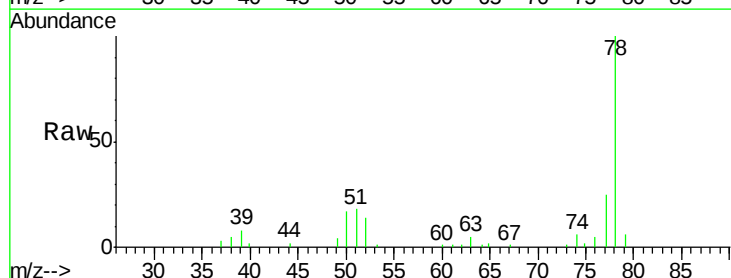
Manual Integrations  
APPROVED

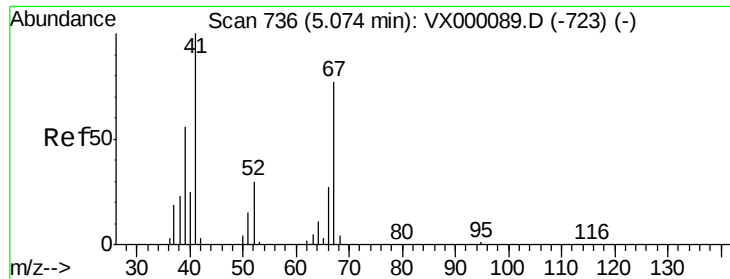
sam  
2/16/2018 1:20:28 PM



#40  
Benzene  
Concen: 5.21 ug/l  
RT: 6.15 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

| Tgt Ion   | 78    | Resp  | 25409 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 78        | 100   |       |       |
| 77        | 24.7  | 19.4  | 29.0  |





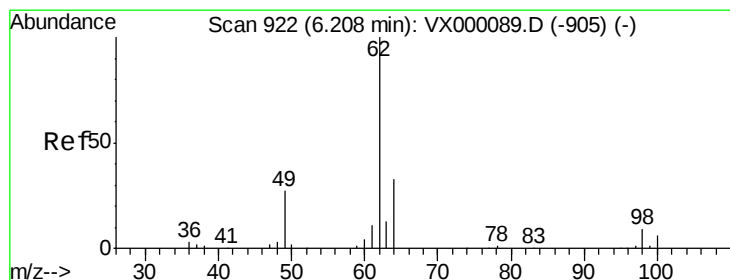
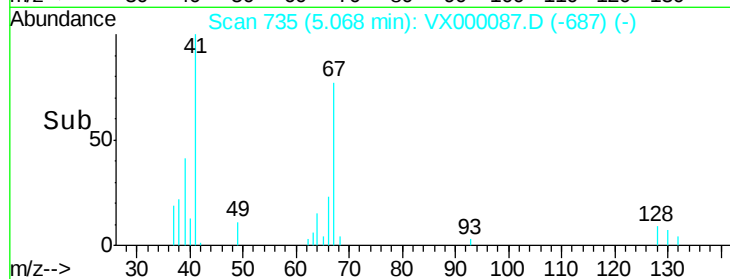
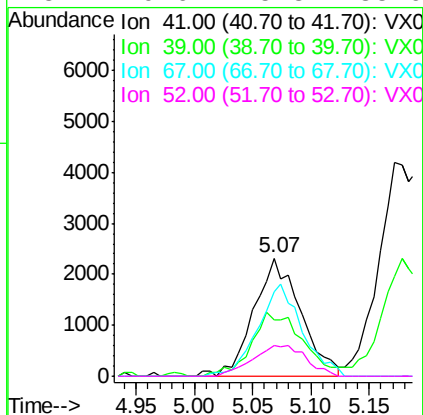
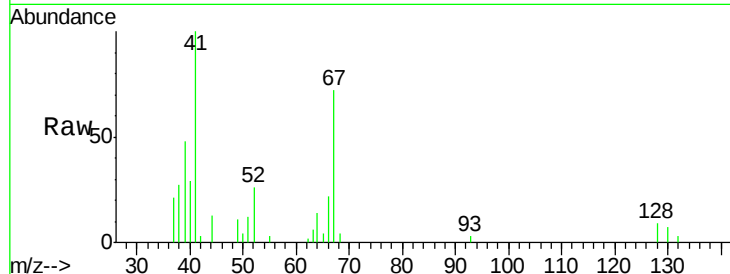
#41  
Methacrylonitrile  
Concen: 5.61 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. -0.01 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 6481  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.9  | 45.1  | 67.7  |
| 67       | 73.6  | 61.0  | 91.4  |
| 52       | 29.6  | 25.8  | 38.6  |

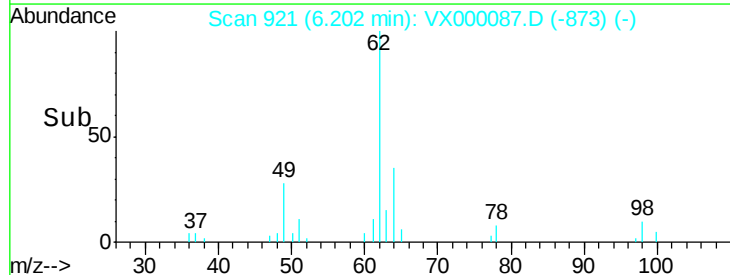
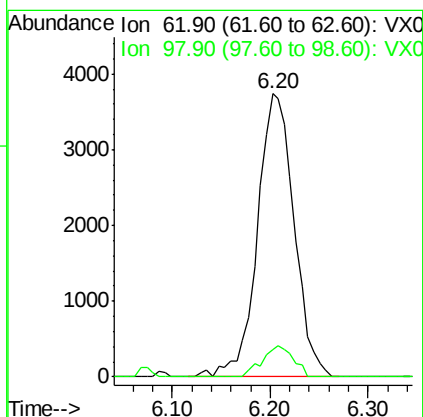
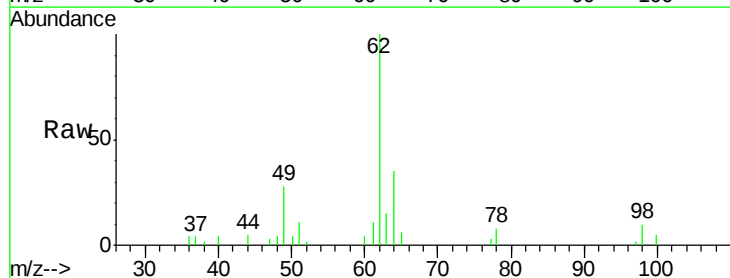
Manual Integrations  
APPROVED

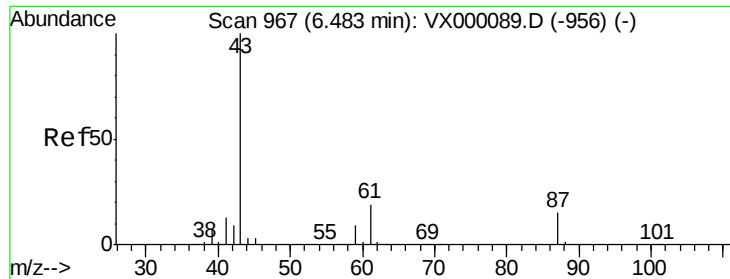
sam  
2/16/2018 1:20:28 PM



#42  
1,2-Dichloroethane  
Concen: 5.60 ug/l  
RT: 6.20 min Scan# 921  
Delta R.T. -0.01 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 9798  |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.2   | 0.0   | 17.8  |





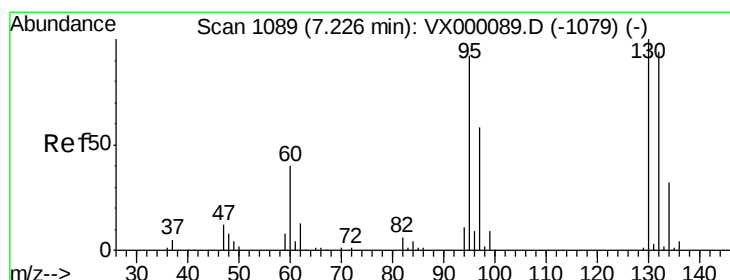
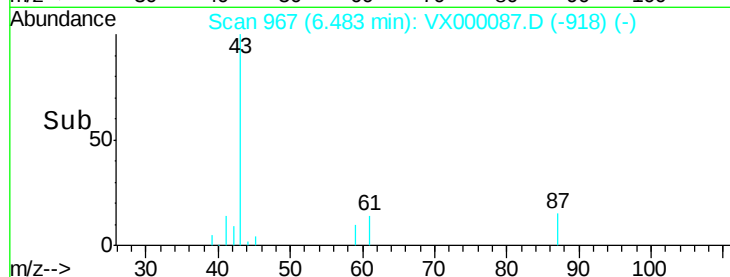
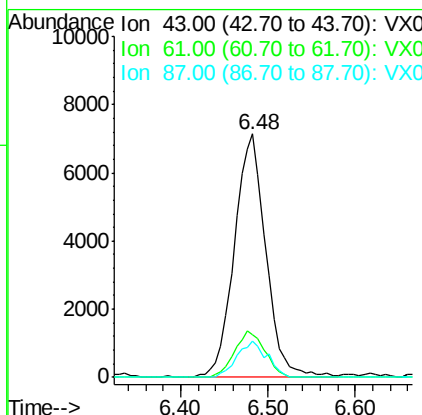
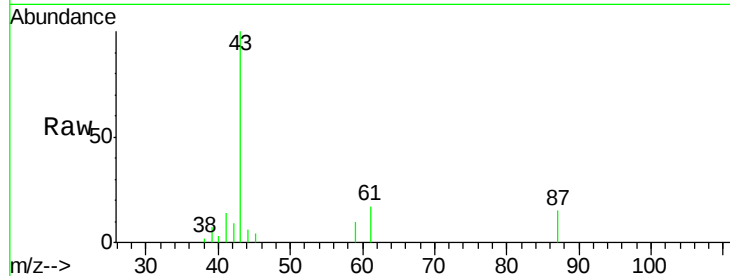
#43  
Isopropyl Acetate  
Concen: 5.29 ug/l  
RT: 6.48 min Scan# 967  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.2  | 15.6  | 23.4  |
| 87      | 14.2  | 11.7  | 17.5  |

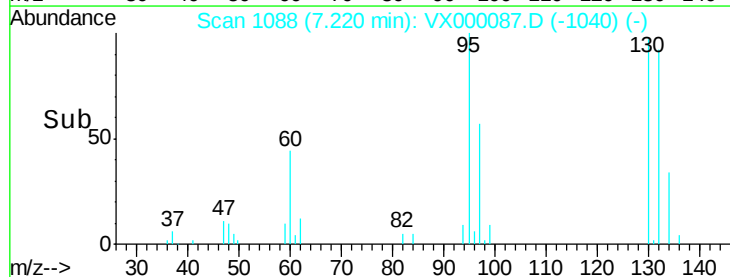
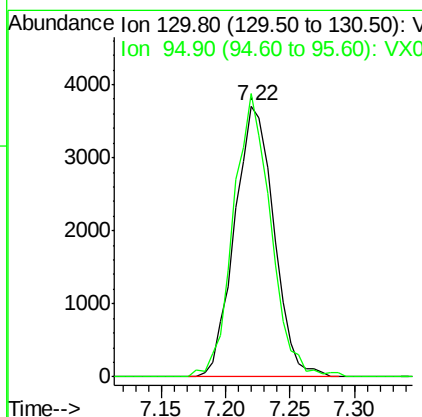
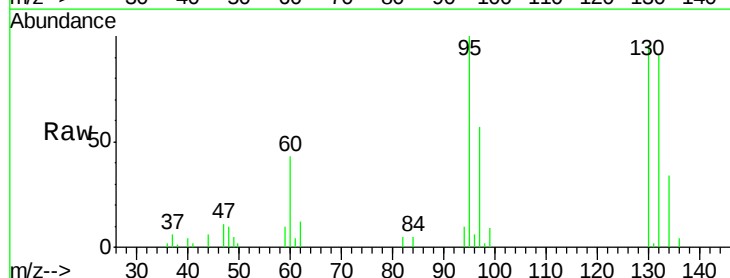
Manual Integrations  
APPROVED

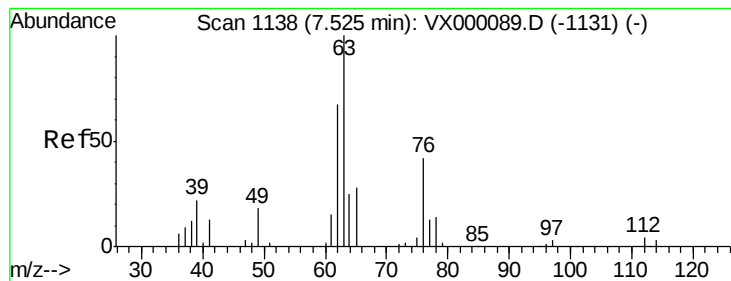
sam  
2/16/2018 1:20:28 PM



#44  
Trichloroethene  
Concen: 5.23 ug/l  
RT: 7.22 min Scan# 1088  
Delta R.T. -0.01 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 104.5 | 0.0   | 183.4 |





#45

1,2-Dichloropropane

Concen: 5.54 ug/l

RT: 7.53 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 63 Resp: 6583

Ion Ratio Lower Upper

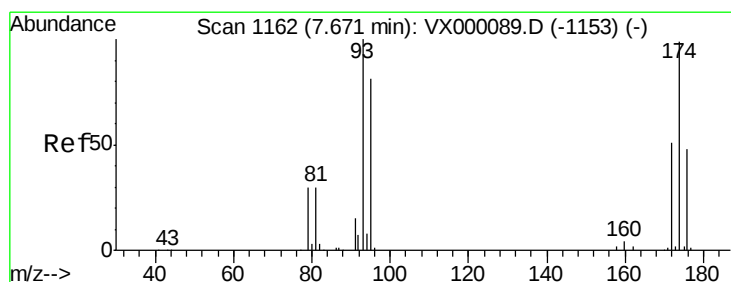
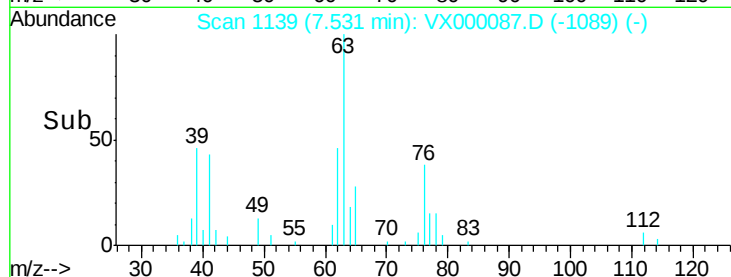
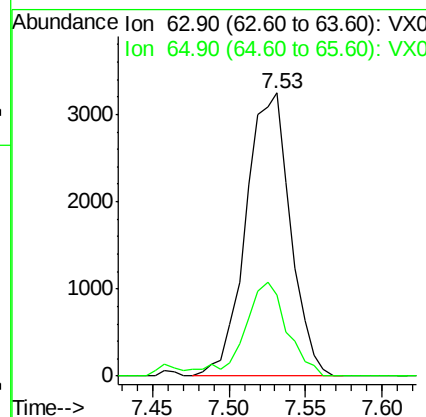
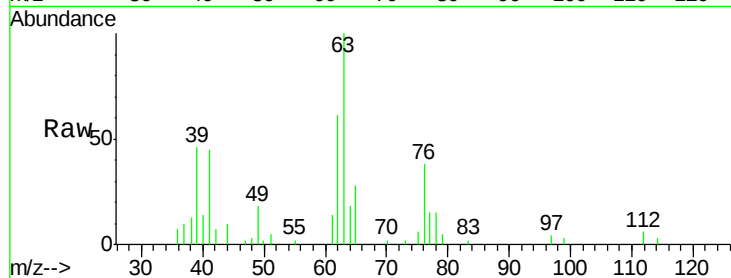
63 100

65 28.5 23.8 35.8

Manual Integrations  
APPROVED

sam

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#46

Dibromomethane

Concen: 5.48 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

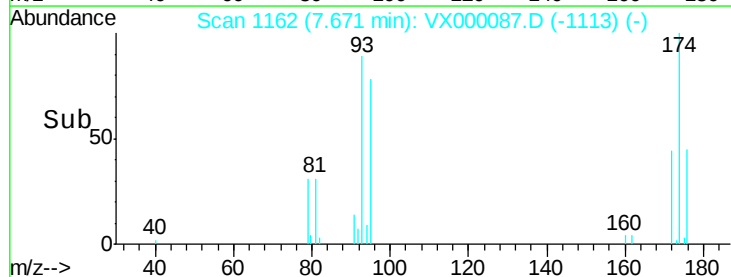
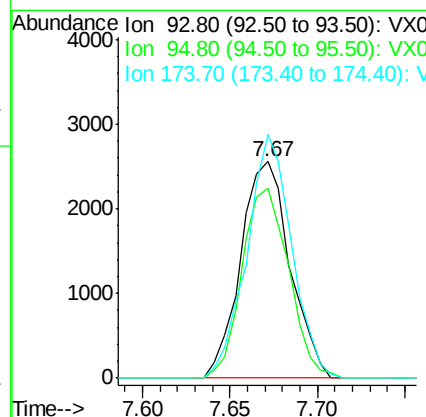
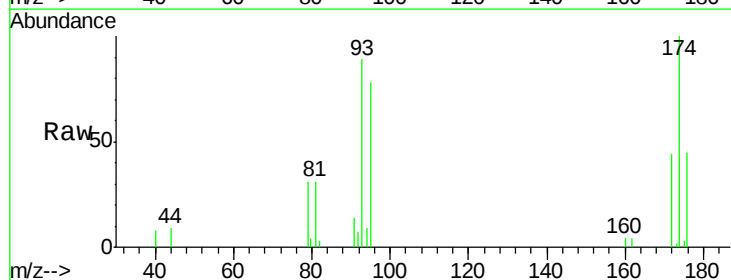
Tgt Ion: 93 Resp: 5031

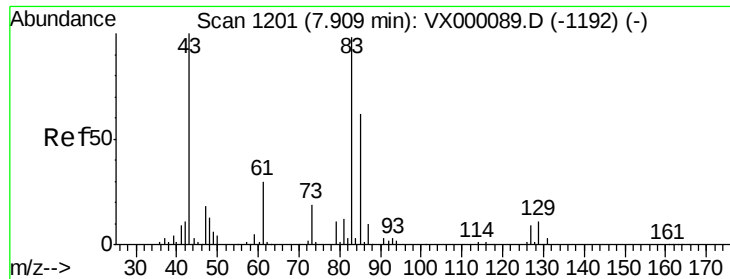
Ion Ratio Lower Upper

93 100

95 82.6 65.0 97.6

174 101.7 83.1 124.7





#47

Bromodichloromethane

Concen: 5.09 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

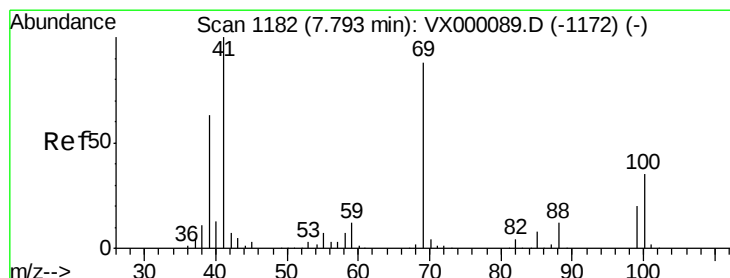
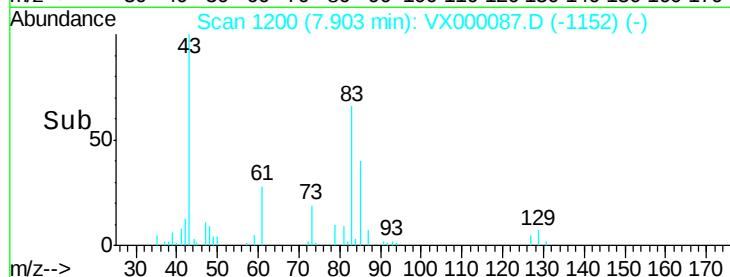
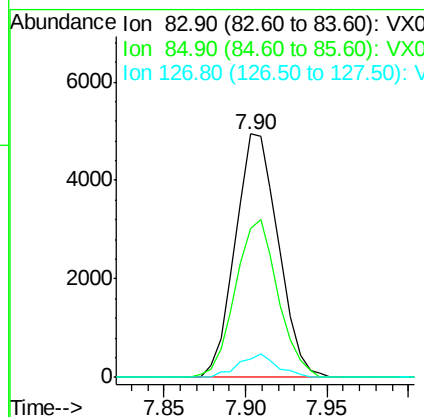
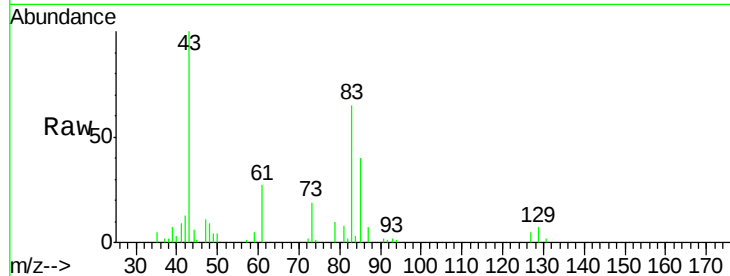
ClientSampled :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 9055  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.3  | 50.4  | 75.6  |
| 127      | 7.3   | 7.2   | 10.8  |

Manual Integrations  
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sam  
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#48

Methyl methacrylate

Concen: 5.12 ug/l

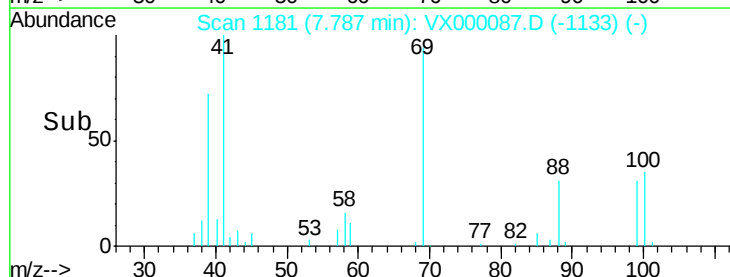
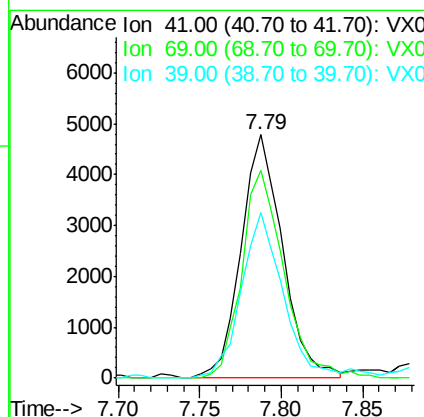
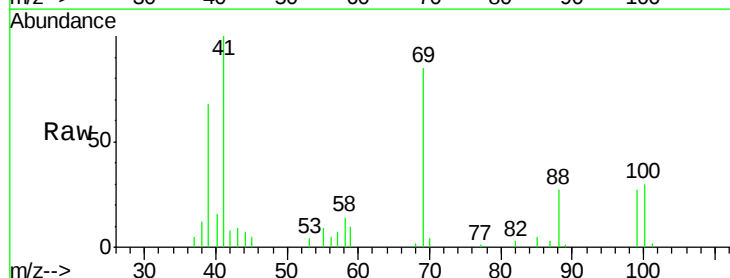
RT: 7.79 min Scan# 1181

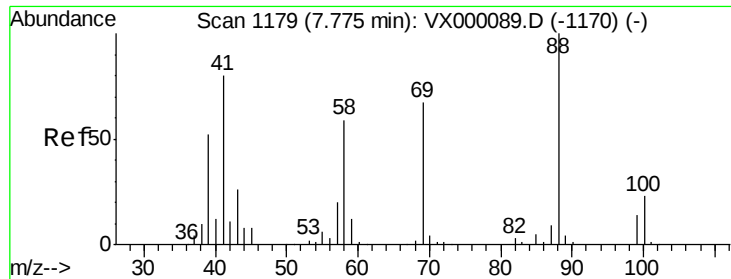
Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 8492  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 86.6  | 70.2  | 105.4 |
| 39       | 67.8  | 51.0  | 76.6  |





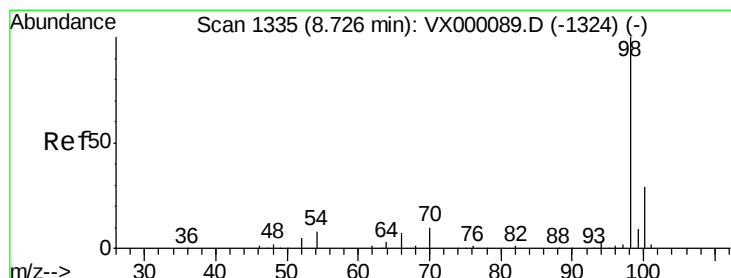
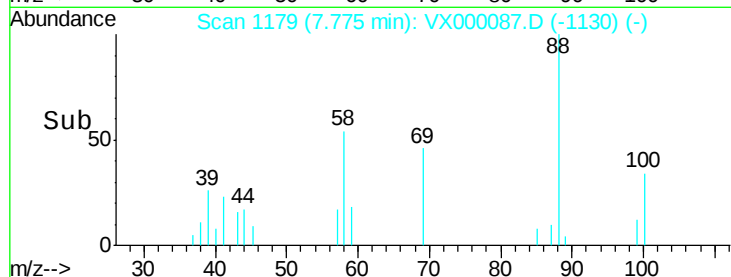
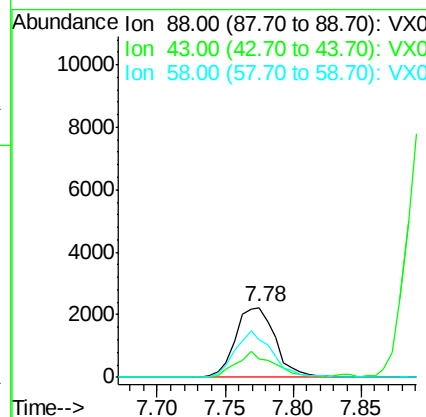
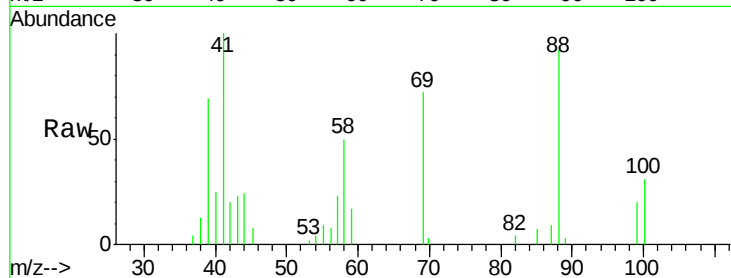
#49  
1,4-Dioxane  
Concen: 103.56 ug/l  
RT: 7.78 min Scan# 1179  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.6  | 24.1  | 36.1  |
| 58      | 61.3  | 49.0  | 73.6  |

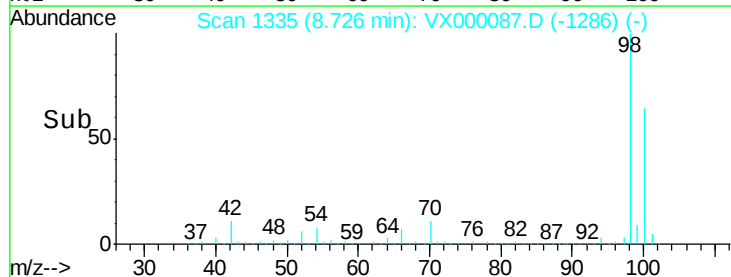
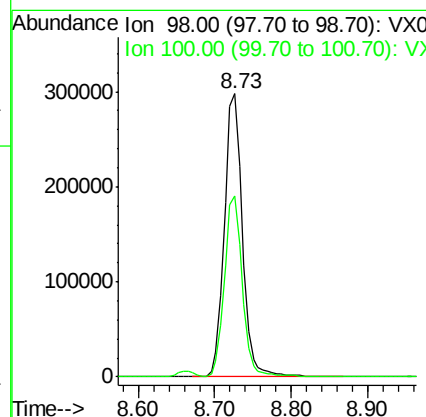
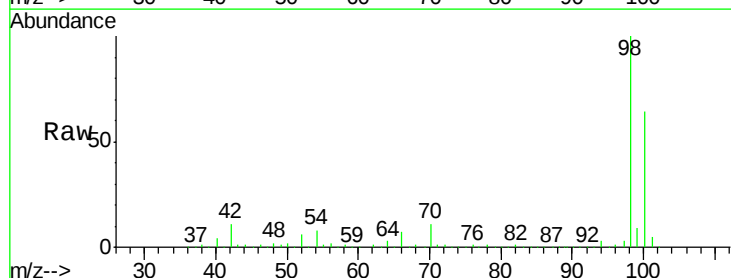
Manual Integrations  
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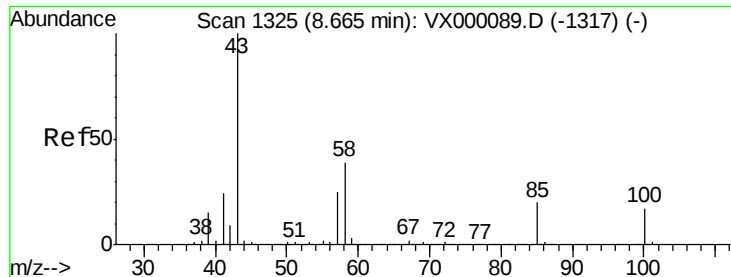
sam  
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#50  
Toluene-d8  
Concen: 111.34 ug/l  
RT: 8.73 min Scan# 1335  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.5  | 52.2  | 78.2  |





#51

4-Methyl-2-Pentanone

Concen: 26.62 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 63062

Ion Ratio Lower Upper

43 100

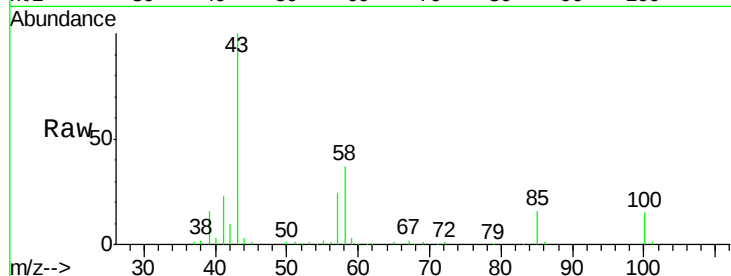
58 37.8 31.6 47.4

Manual Integrations

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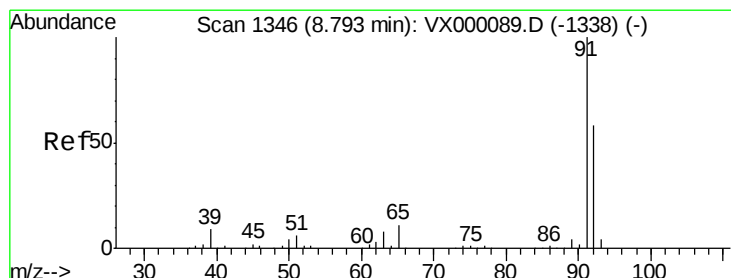
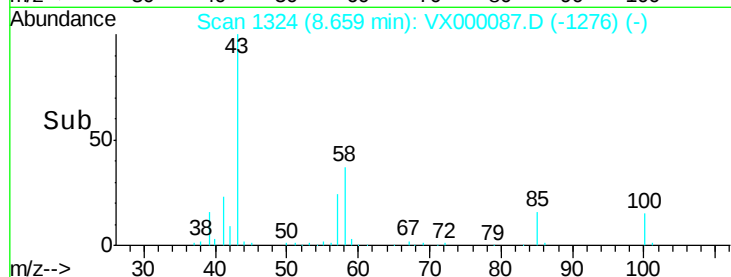
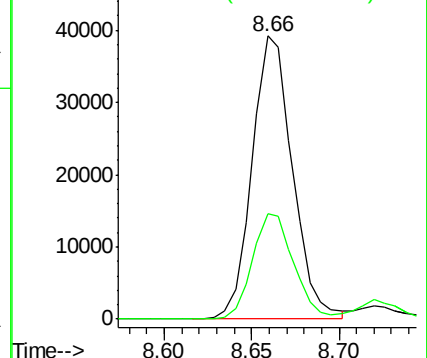
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 5.36 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000087.D

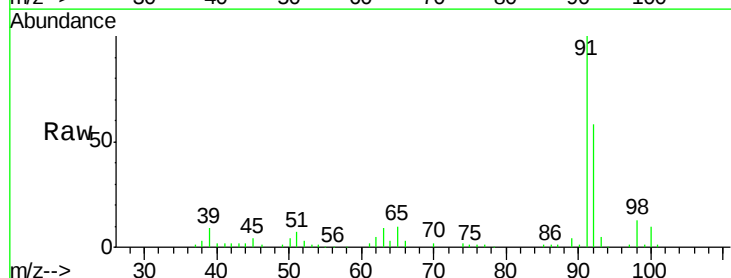
Acq: 14 Feb 2018 15:19

Tgt Ion: 92 Resp: 17589

Ion Ratio Lower Upper

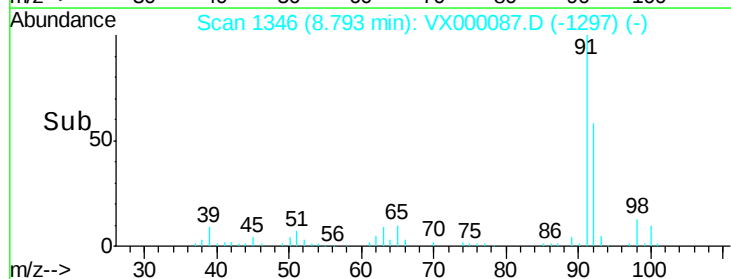
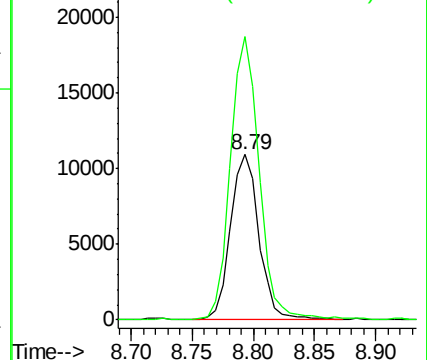
92 100

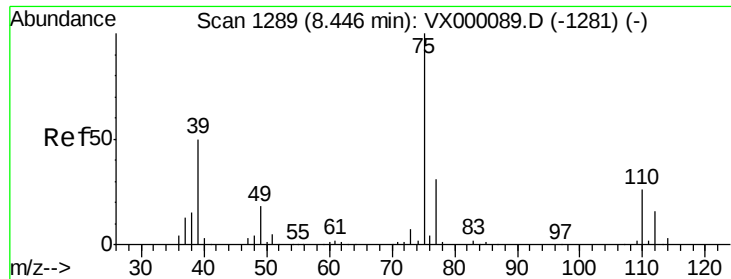
91 173.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 4.96 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Tot Ion: 75 Resp: 10307

Ion Ratio Lower Upper

75 100

77 29.3 25.0 37.6

Instrument :

ClientSampled :

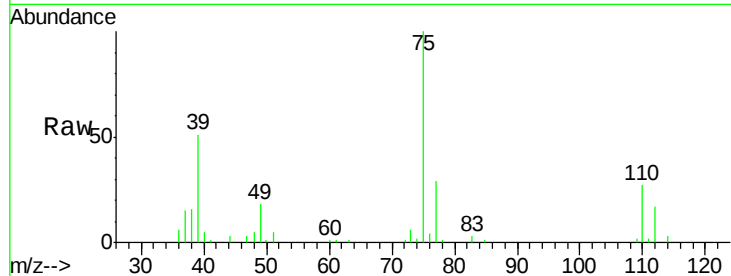
VSTDIC005

Manual Integrations

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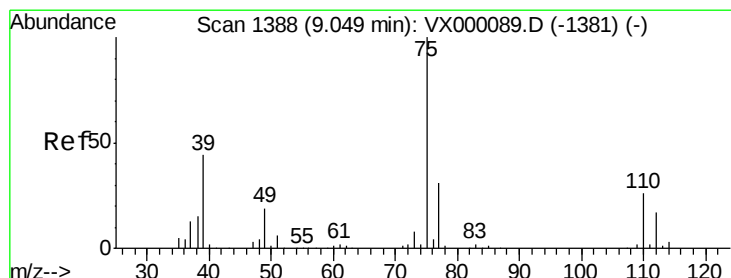
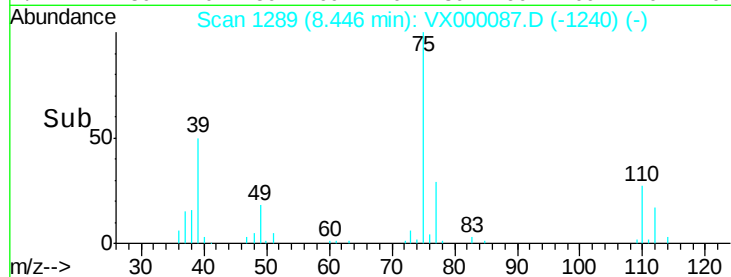
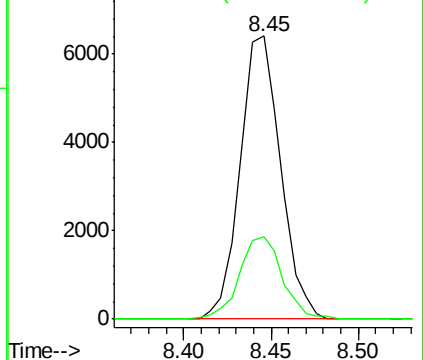
sam

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.97 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

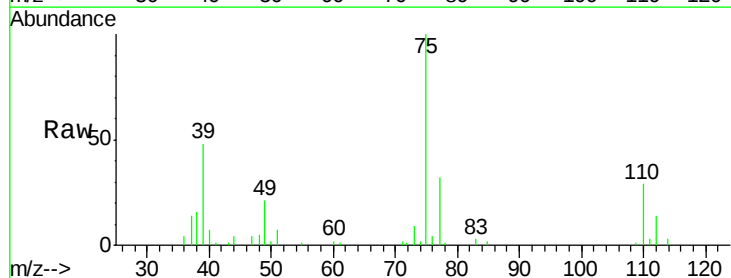
Tgt Ion: 75 Resp: 10050

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

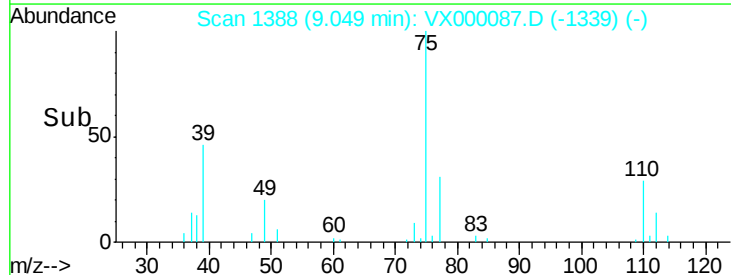
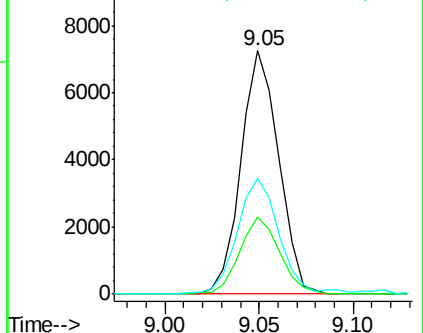
39 46.8 35.4 53.0

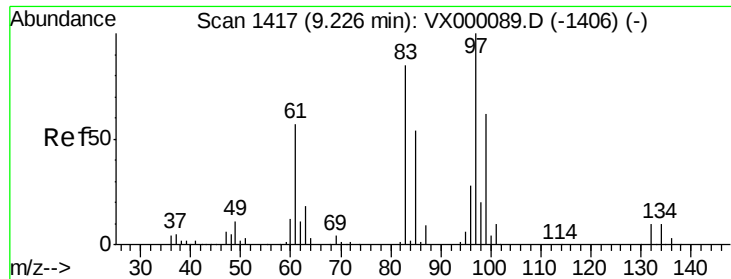


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 5.30 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

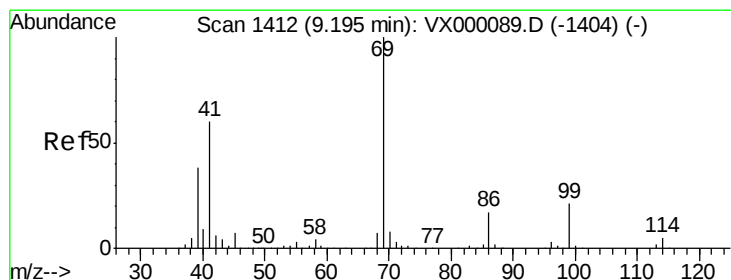
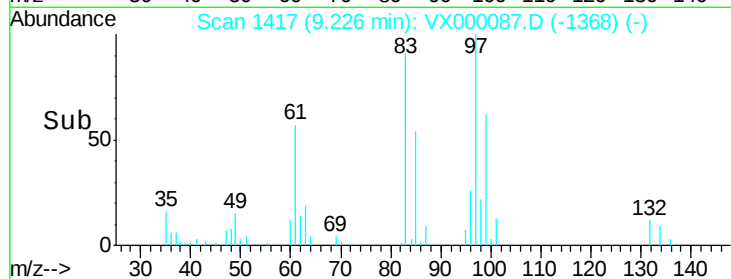
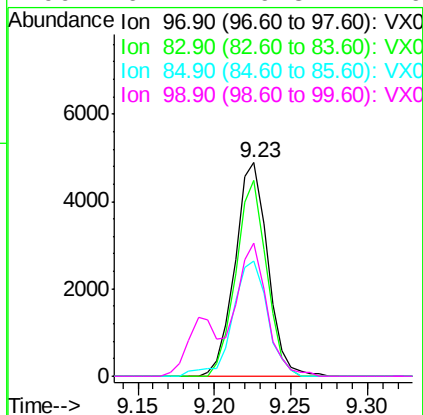
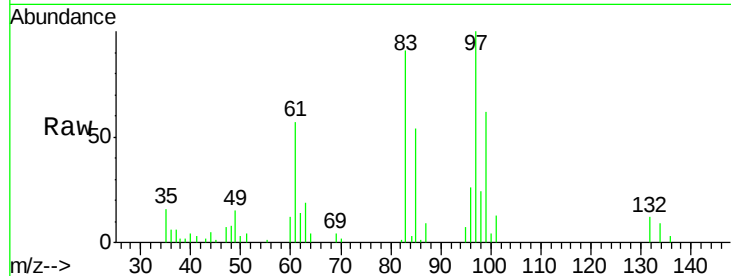
ClientSampled :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 7278  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 91.4  | 67.6  | 101.4 |
| 85       | 53.8  | 42.9  | 64.3  |
| 99       | 62.2  | 49.8  | 74.6  |

Manual Integrations  
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sam  
2/16/2018 1:20:28 PM



#56

Ethyl methacrylate

Concen: 4.99 ug/l

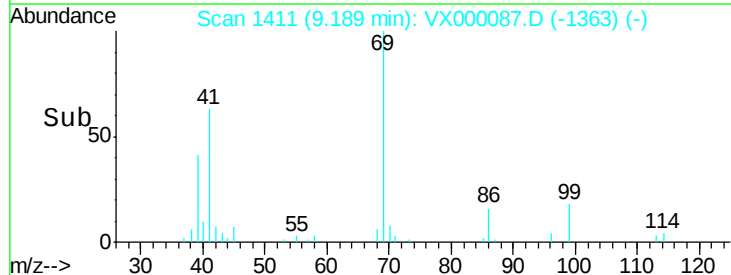
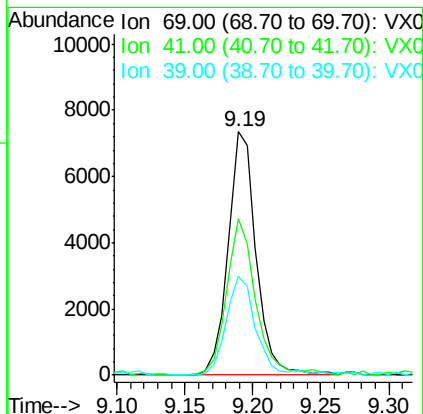
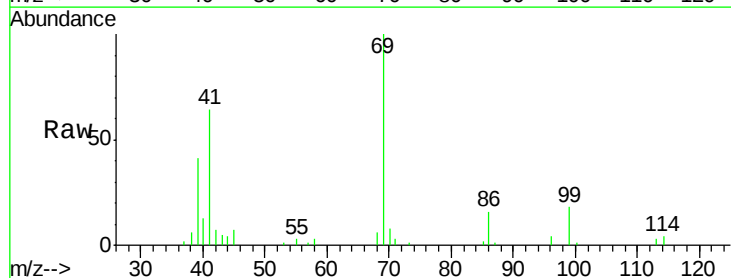
RT: 9.19 min Scan# 1411

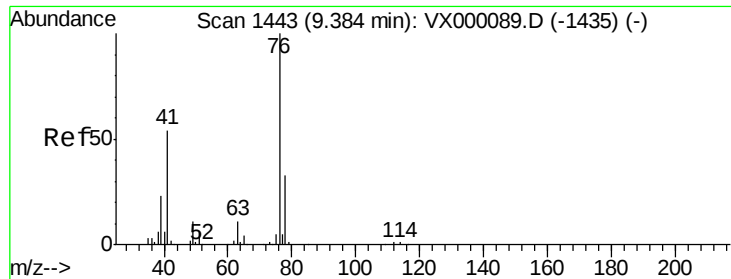
Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 10514 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 67.0  | 49.4  | 74.0  |
| 39       | 42.0  | 31.3  | 46.9  |





#57

1,3-Dichloropropane

Concen: 5.44 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 76 Resp: 11662

Ion Ratio Lower Upper

76 100

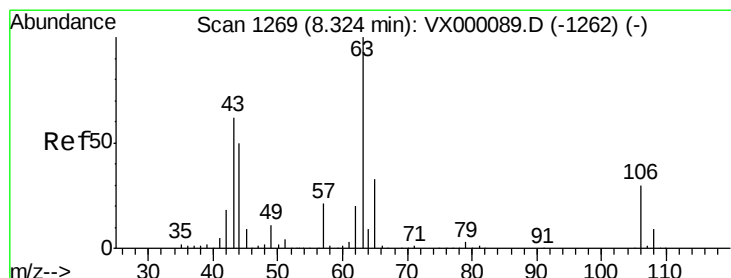
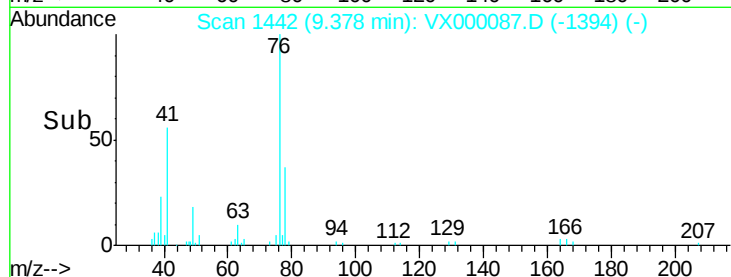
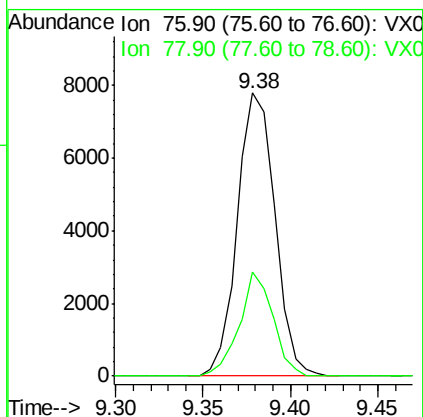
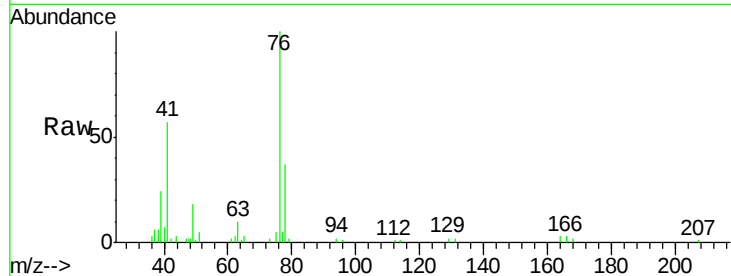
78 32.8 25.8 38.8

Manual Integrations

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sam

2/16/2018 1:20:28 PM



#58

2-Chloroethyl Vinyl ether

Concen: 25.88 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000087.D

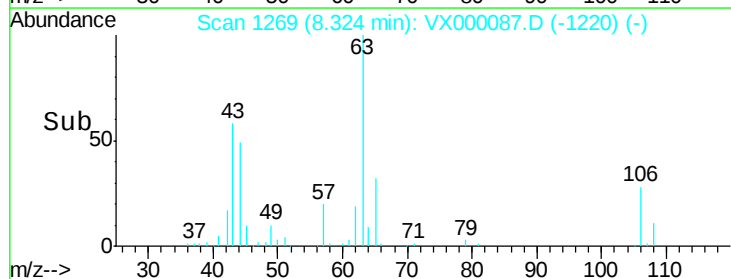
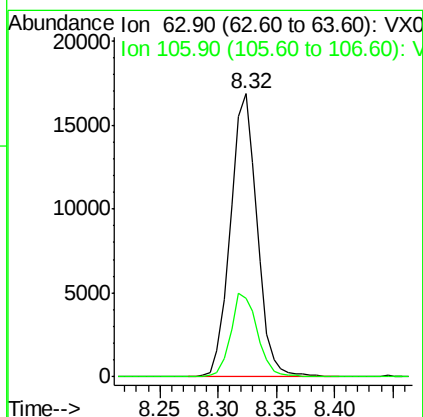
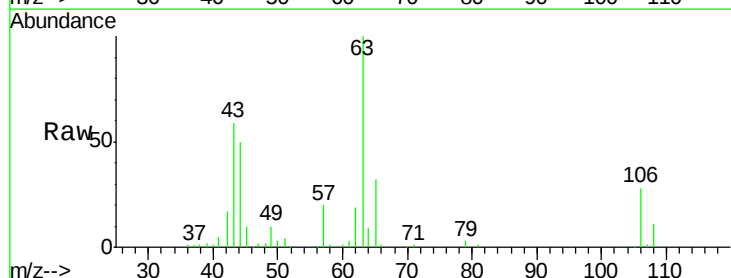
Acq: 14 Feb 2018 15:19

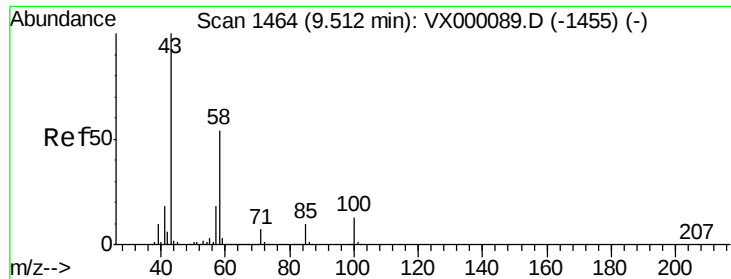
Tgt Ion: 63 Resp: 26973

Ion Ratio Lower Upper

63 100

106 29.3 24.6 37.0





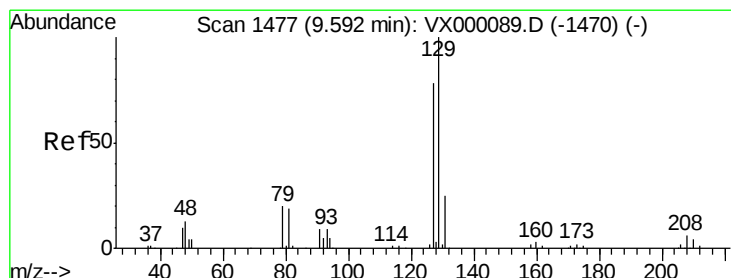
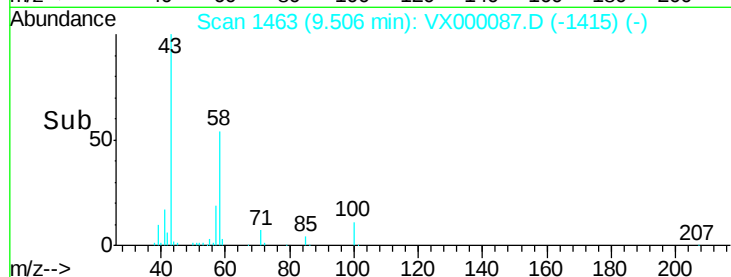
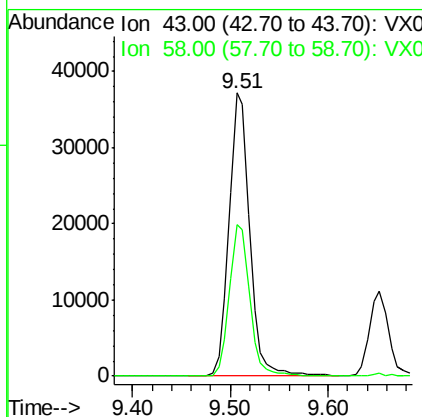
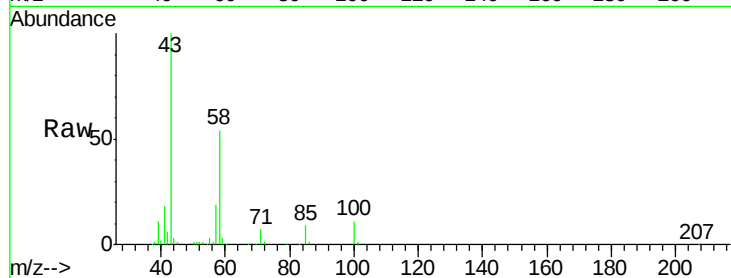
#59  
2-Hexanone  
Concen: 28.21 ug/l  
RT: 9.51 min Scan# 1463  
Delta R.T. -0.01 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

Tot Ion: 43 Resp: 54720  
Ion Ratio Lower Upper  
43 100  
58 53.2 27.1 81.3

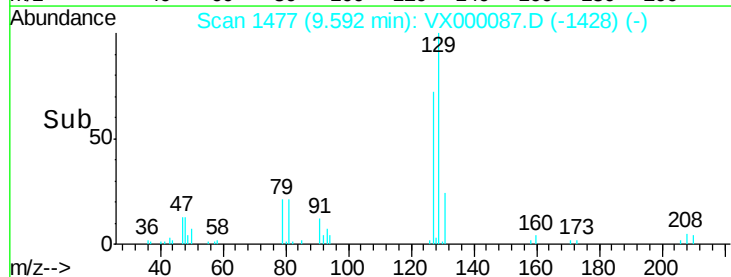
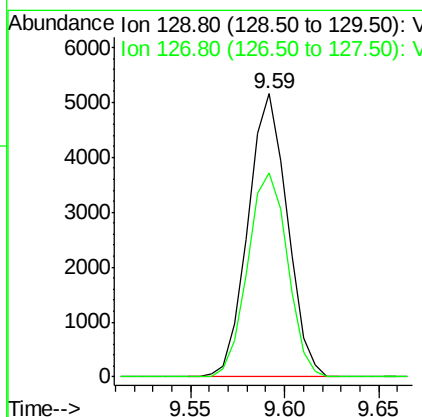
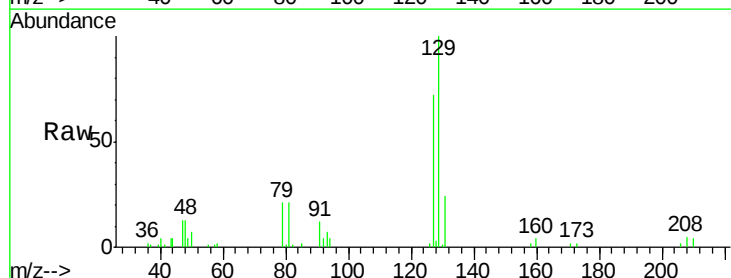
Manual Integrations  
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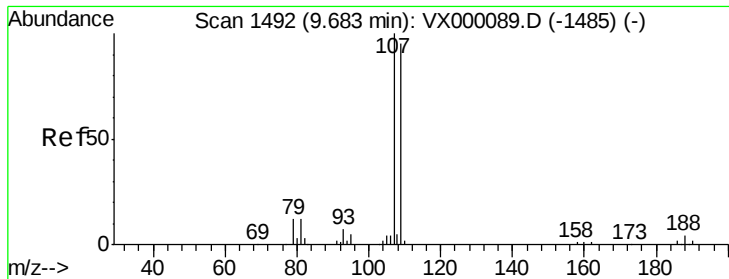
sam  
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#60  
Dibromochloromethane  
Concen: 4.72 ug/l  
RT: 9.59 min Scan# 1477  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Tgt Ion:129 Resp: 7452  
Ion Ratio Lower Upper  
129 100  
127 73.0 37.6 112.9





#61

1,2-Dibromoethane

Concen: 5.16 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

ClientSampled :

VSTDIC005

Tot Ion:107 Resp: 7772

Ion Ratio Lower Upper

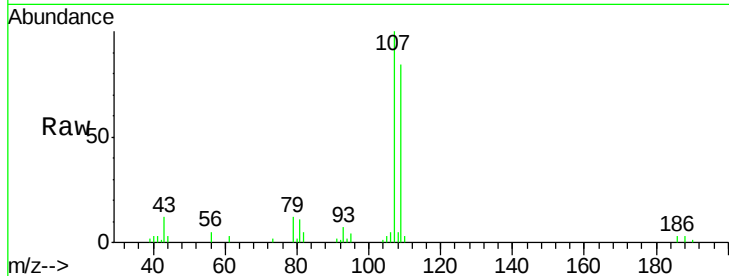
107 100

109 91.2 76.4 114.6

Manual Integrations  
APPROVED

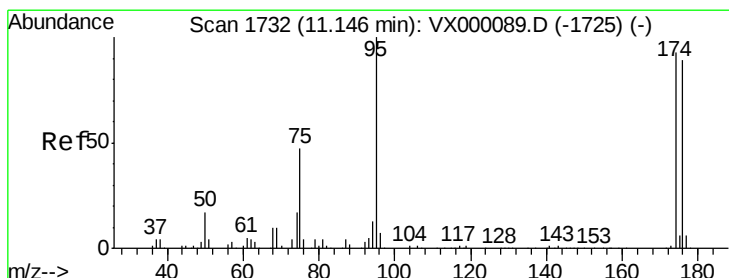
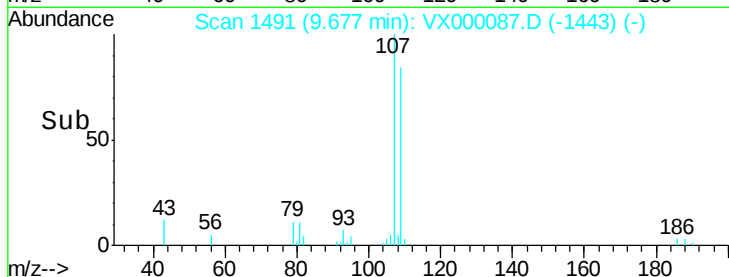
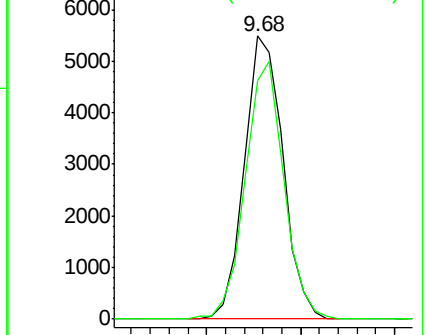
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 104.87 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

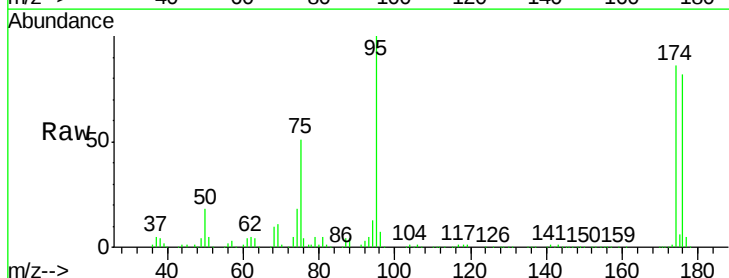
Tgt Ion: 95 Resp: 185660

Ion Ratio Lower Upper

95 100

174 87.9 0.0 187.8

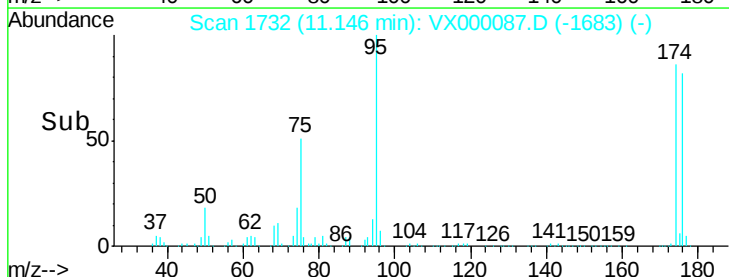
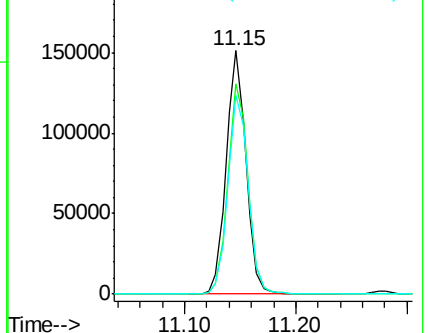
176 84.1 0.0 181.2

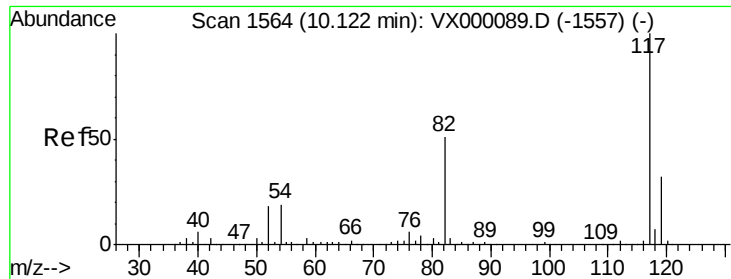


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





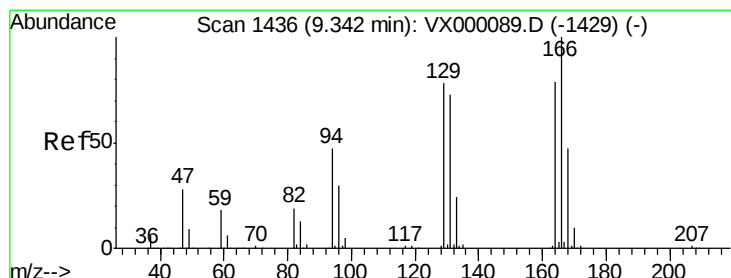
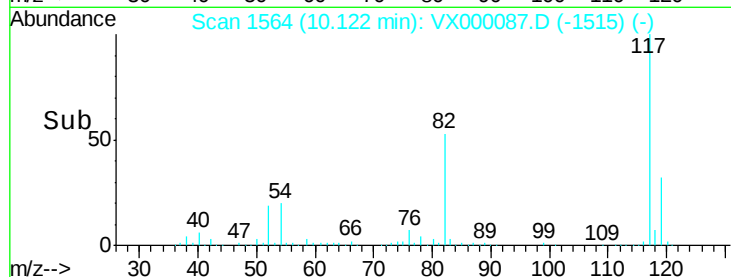
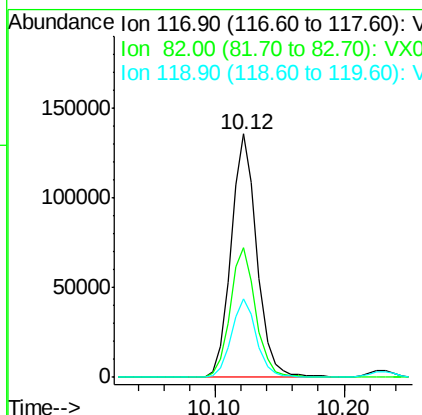
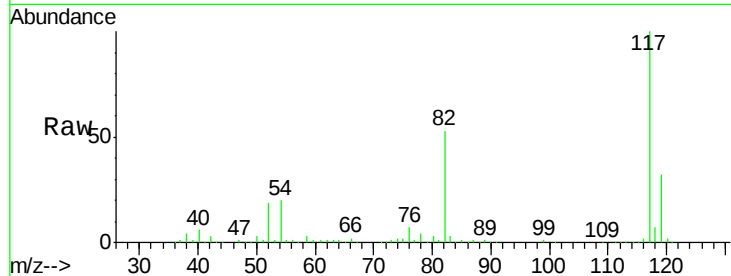
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.2  | 41.0  | 61.6  |
| 119     | 32.2  | 25.5  | 38.3  |

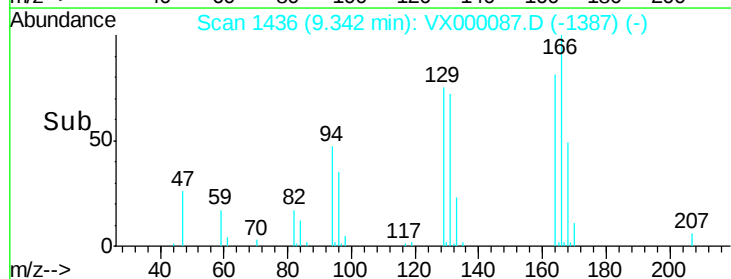
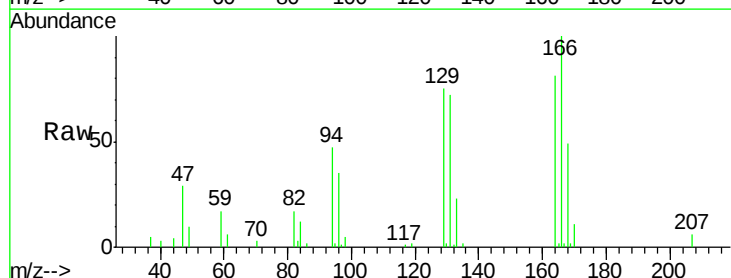
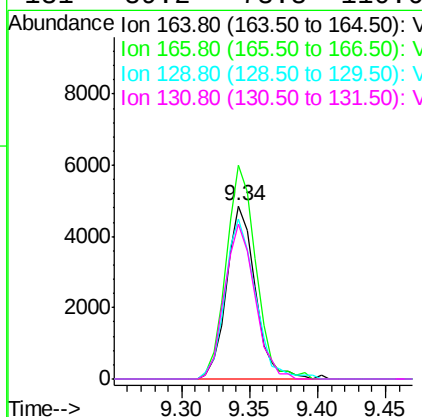
Manual Integrations  
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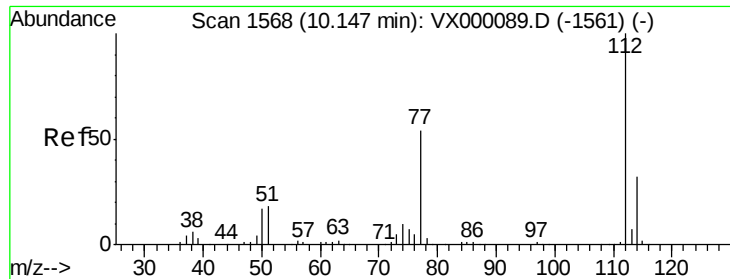
sam  
2/16/2018 1:20:28 PM



#64  
Tetrachloroethene  
Concen: 5.09 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 123.2 | 101.4 | 152.2 |
| 129     | 92.5  | 78.6  | 118.0 |
| 131     | 89.2  | 73.8  | 110.6 |





#65

Chlorobenzene

Concen: 5.27 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

ClientSampled :

VSTDIC005

Tot Ion:112 Resp: 20807

Ion Ratio Lower Upper

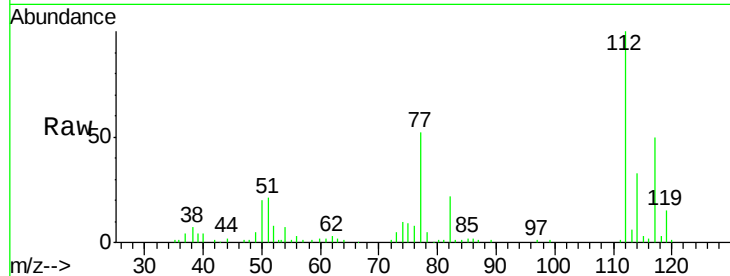
112 100

114 33.2 25.6 38.4

Manual Integrations  
APPROVED

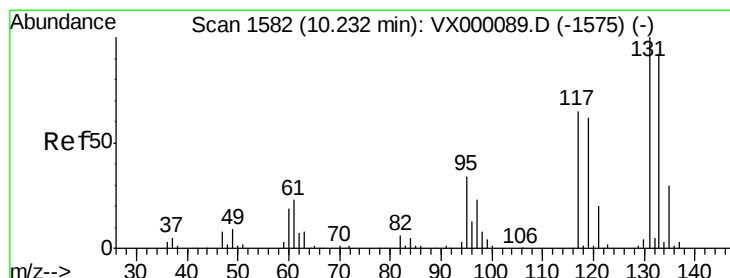
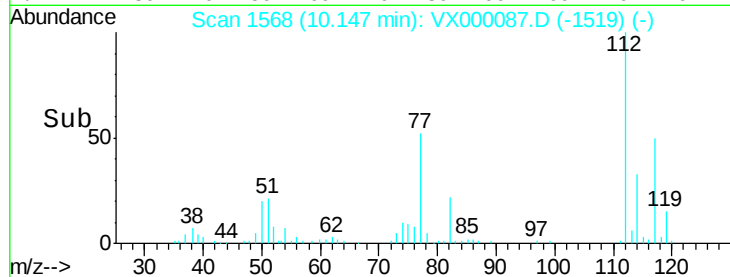
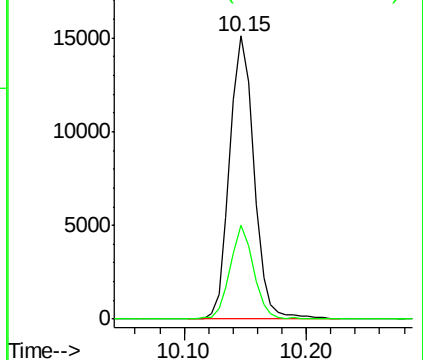
sam

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.71 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

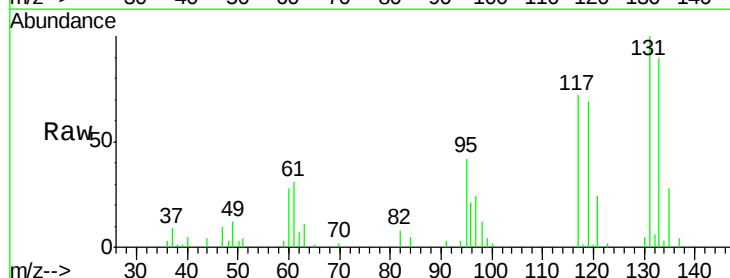
Tgt Ion:131 Resp: 6681

Ion Ratio Lower Upper

131 100

133 94.8 47.4 142.3

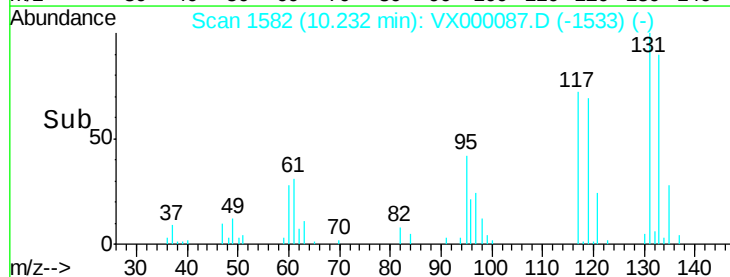
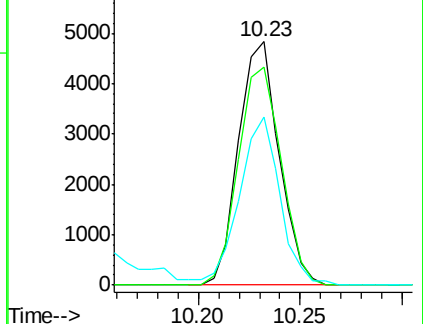
119 69.2 31.7 95.1

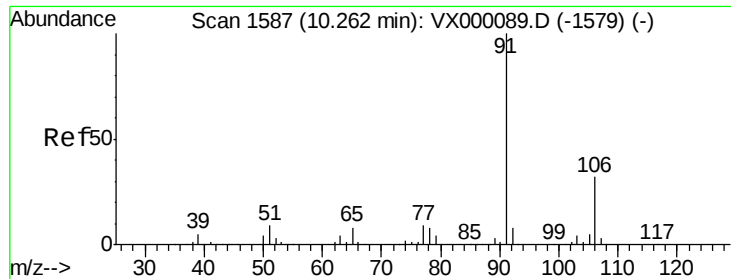


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





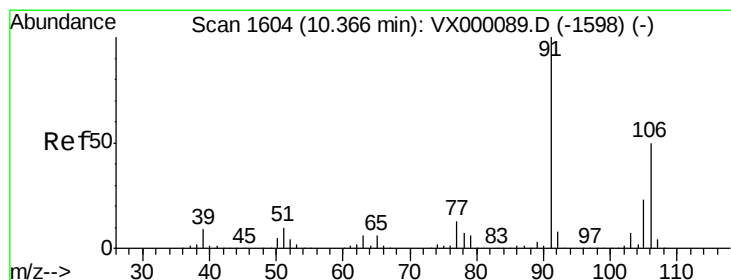
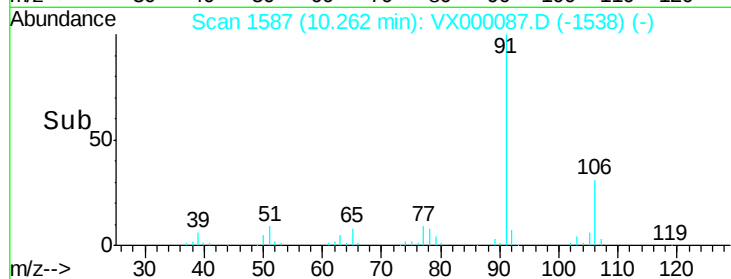
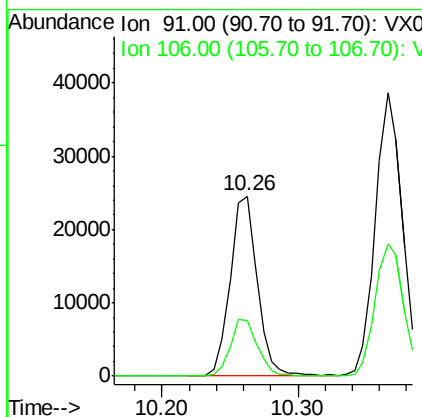
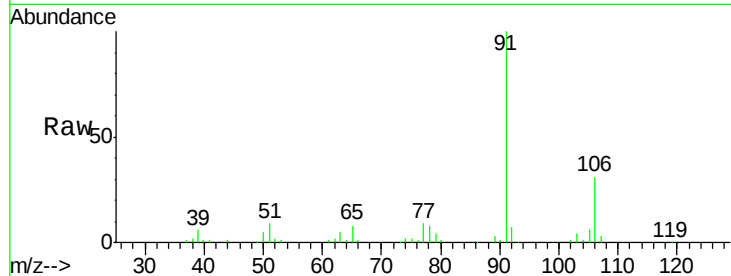
#67  
Ethyl Benzene  
Concen: 5.22 ug/l  
RT: 10.26 min Scan# 1587  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

Tot Ion: 91 Resp: 34167  
Ion Ratio Lower Upper  
91 100  
106 30.7 25.8 38.6

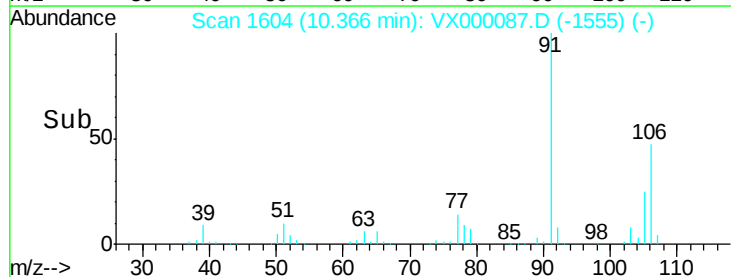
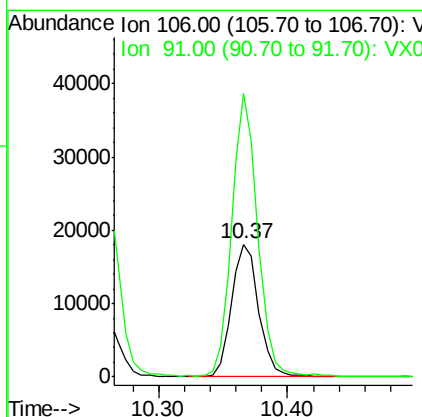
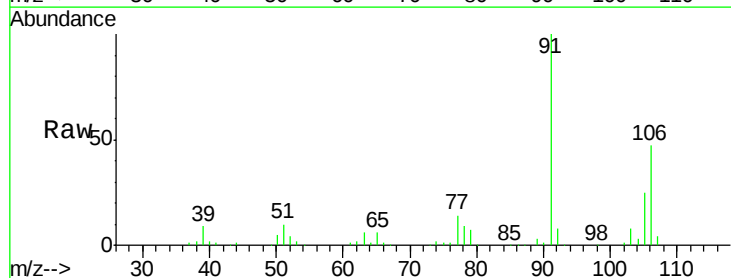
Manual Integrations  
APPROVED

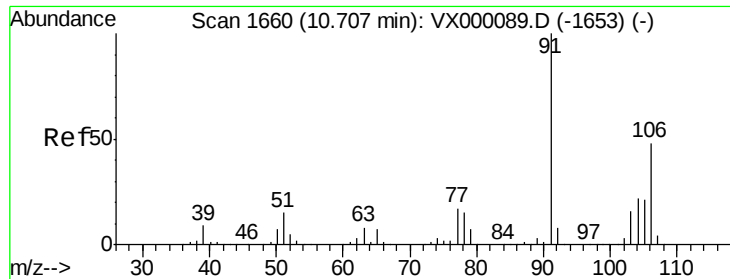
sam  
2/16/2018 1:20:28 PM



#68  
m/p-Xylenes  
Concen: 10.17 ug/l  
RT: 10.37 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Tgt Ion: 106 Resp: 26527  
Ion Ratio Lower Upper  
106 100  
91 204.6 159.1 238.7





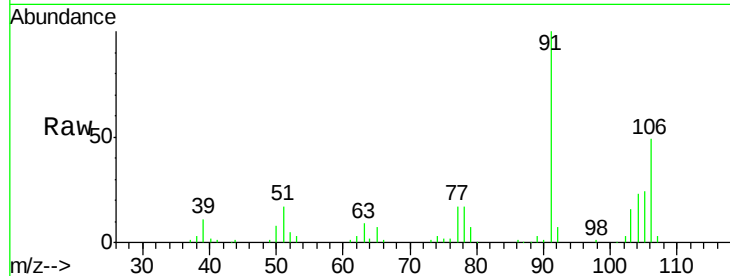
#69  
o-Xylene  
Concen: 5.22 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

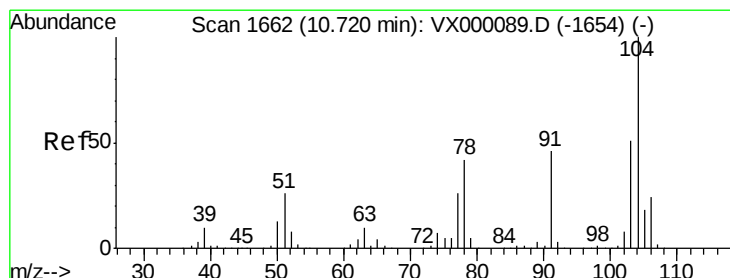
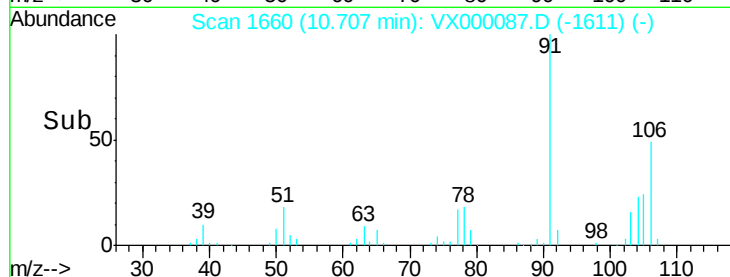
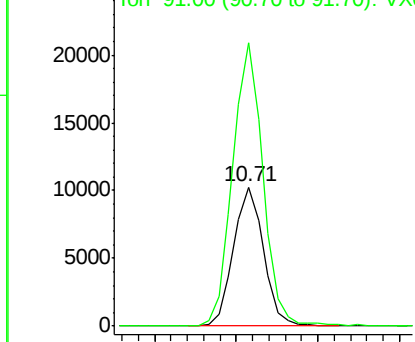
Tot Ion:106 Resp: 13135  
Ion Ratio Lower Upper  
106 100  
91 206.1 103.8 311.6

Manual Integrations  
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sam  
2/16/2018 1:20:28 PM

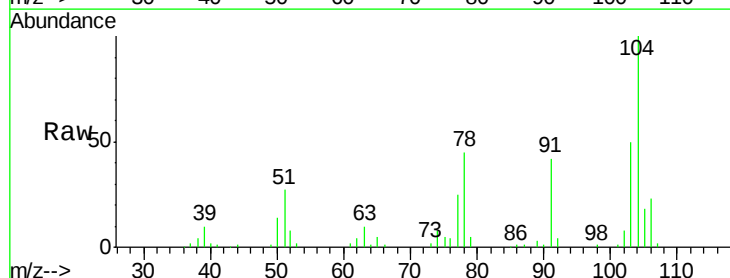


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

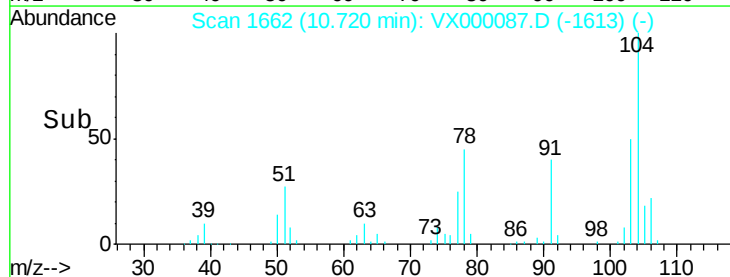
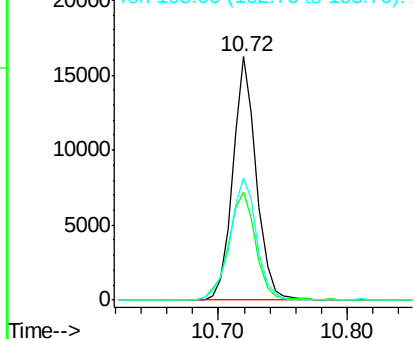


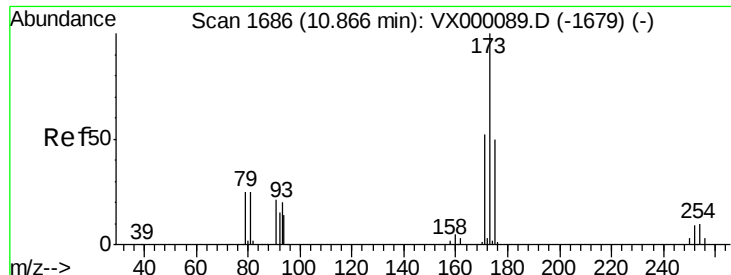
#70  
Styrene  
Concen: 4.85 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Tgt Ion:104 Resp: 20567  
Ion Ratio Lower Upper  
104 100  
78 51.7 38.2 57.4  
103 56.4 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V





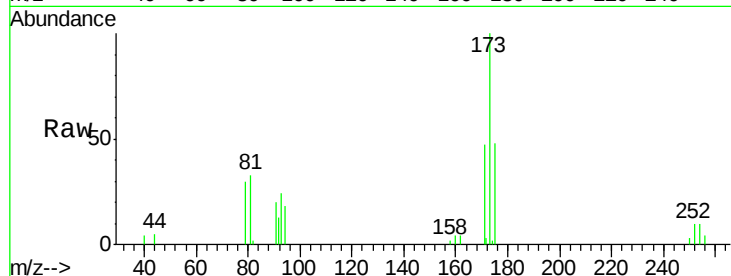
#71  
Bromoform  
Concen: 4.36 ug/l  
RT: 10.87 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

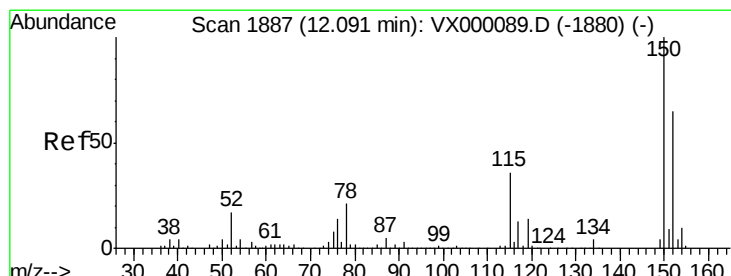
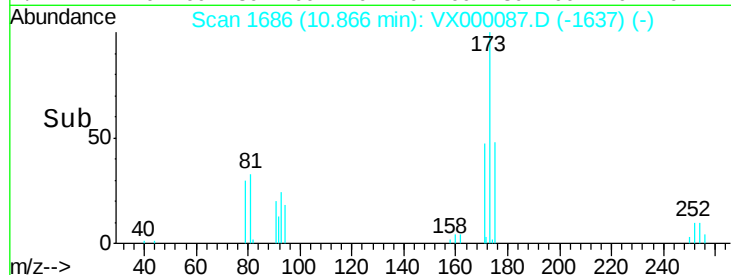
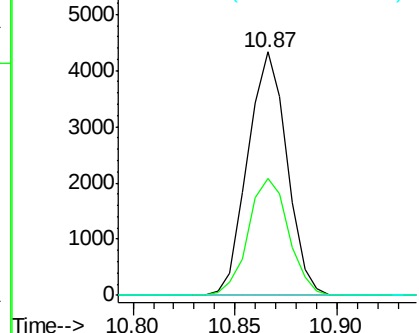
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.3  | 24.3  | 73.0  |
| 254     | 0.0   | 0.0   | 0.0   |

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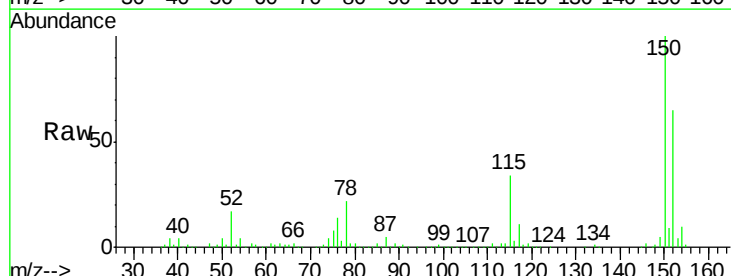


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

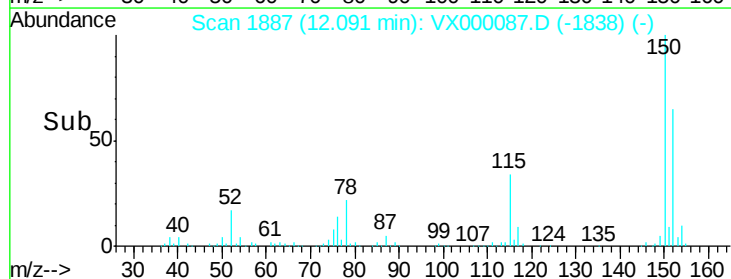
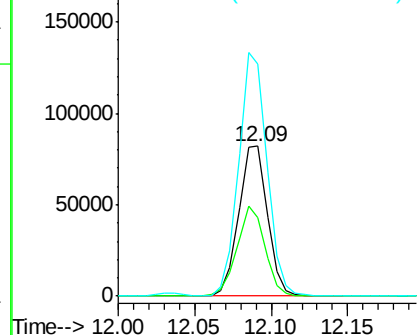


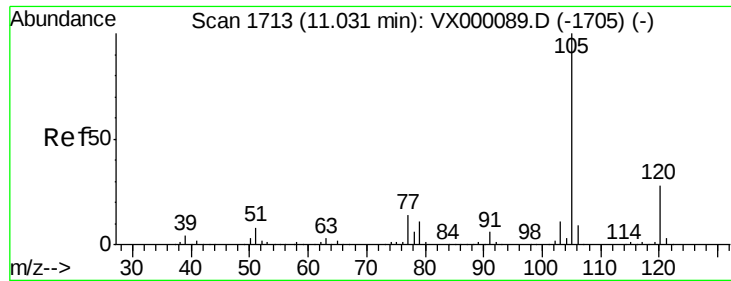
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1887  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 58.7  | 39.1  | 117.2 |
| 150     | 159.6 | 0.0   | 348.2 |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.19 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

ClientSampled :  
VSTDIC005

Tot Ion:105 Resp: 35163

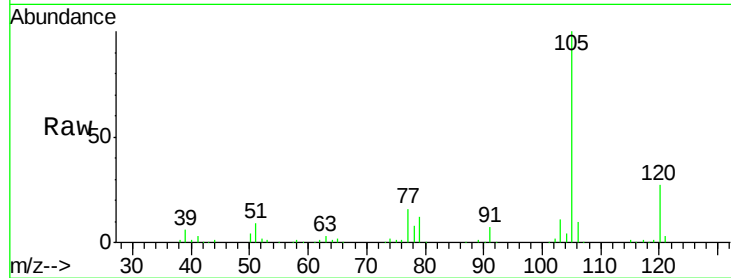
Ion Ratio Lower Upper

105 100

120 26.4 14.0 42.0

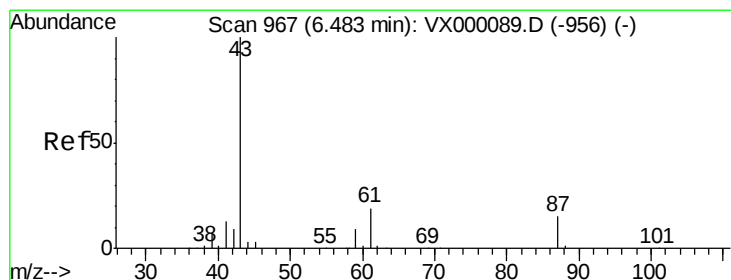
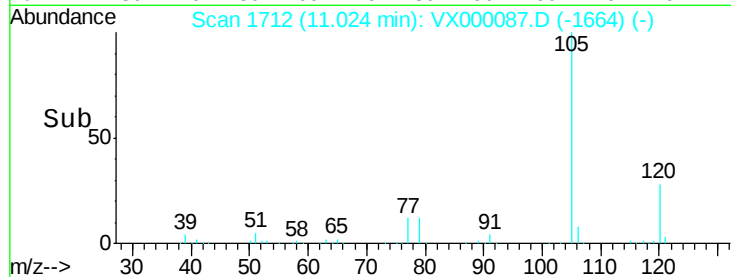
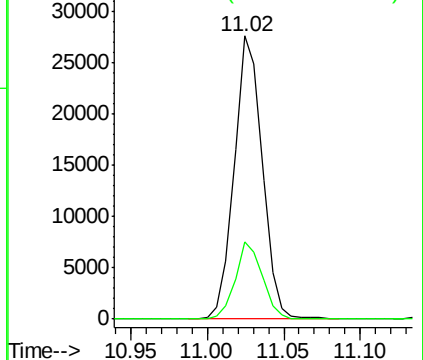
Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.24 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Tgt Ion: 43 Resp: 17870

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

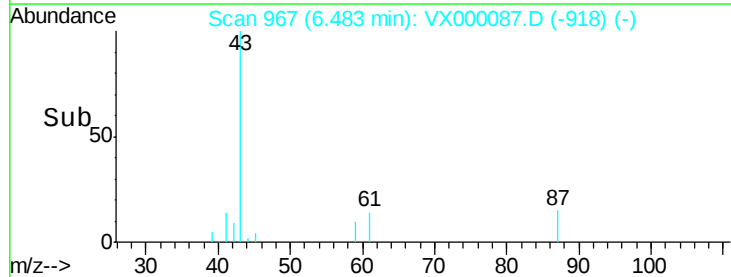
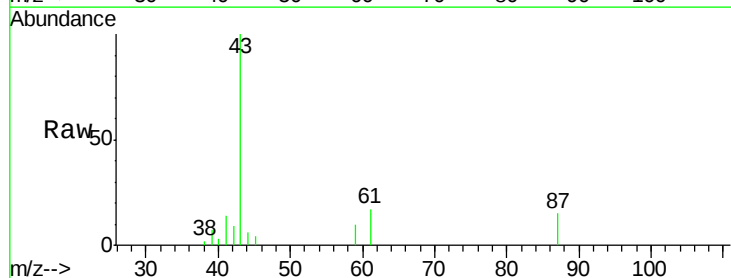
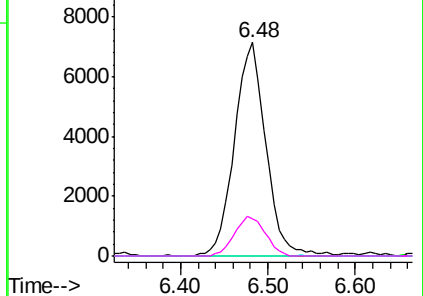
61 18.2 15.6 23.4

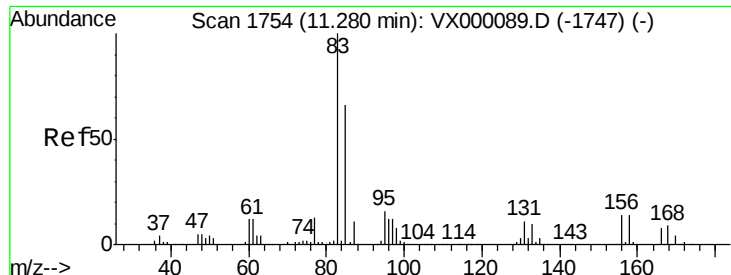
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.89 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

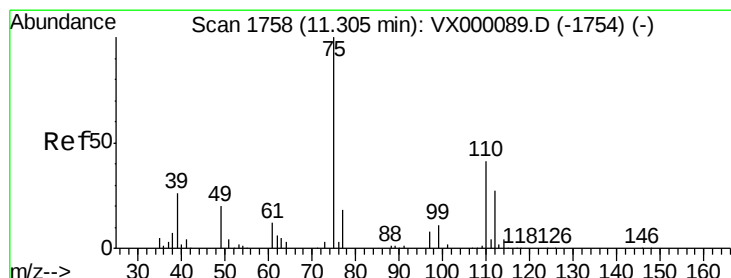
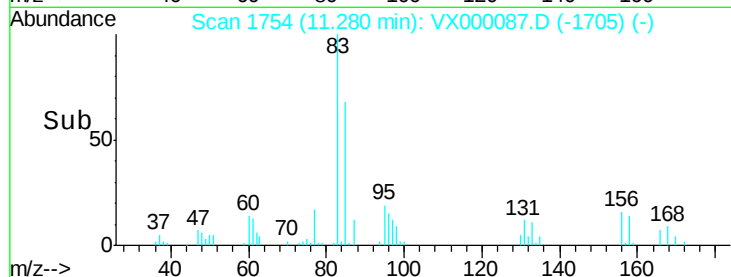
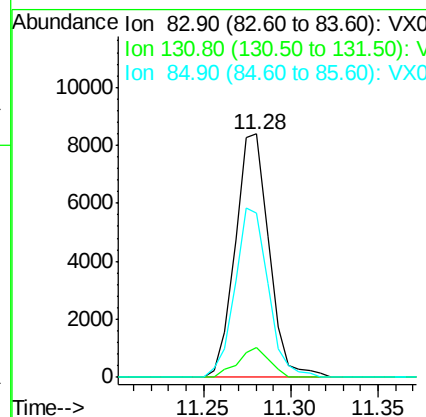
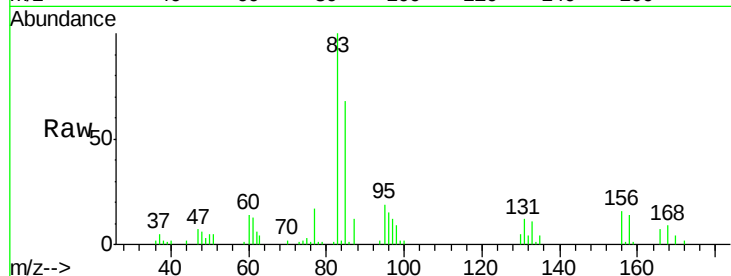
Instrument :

ClientSampled :  
VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 11287 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.2  | 5.6   | 16.8  |
| 85        | 68.5  | 32.3  | 96.8  |

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#76

1,2,3-Trichloropropane

Concen: 6.40 ug/l m

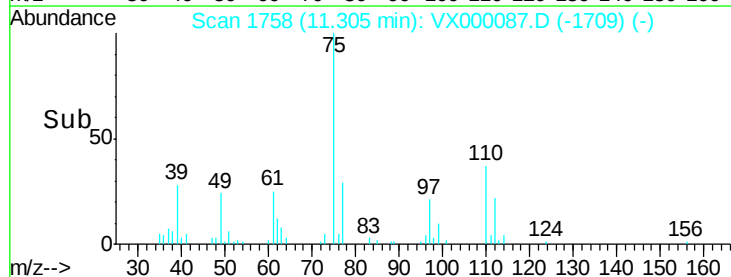
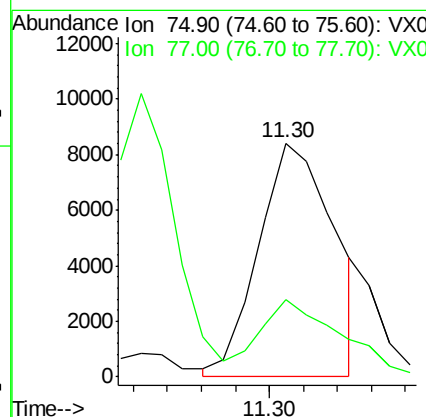
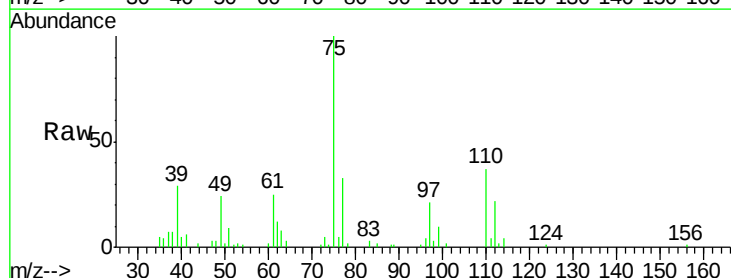
RT: 11.30 min Scan# 1758

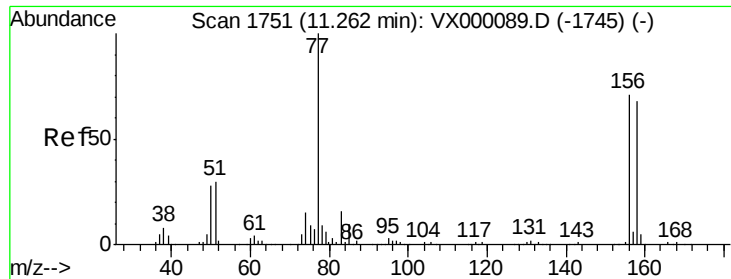
Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 12974 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 36.3  | 22.8  | 68.3  |





#77

Bromobenzene

Concen: 4.86 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

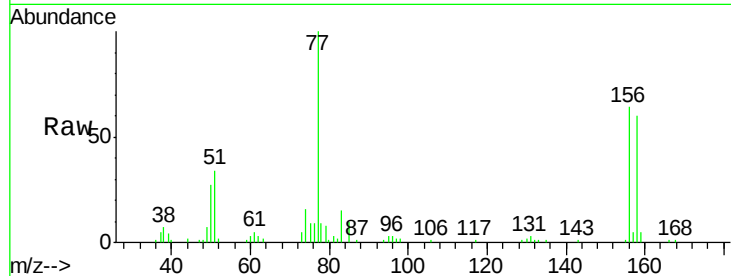
ClientSampled :

VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 149.9 | 67.0  | 201.0 |
| 158     | 101.2 | 48.3  | 144.9 |

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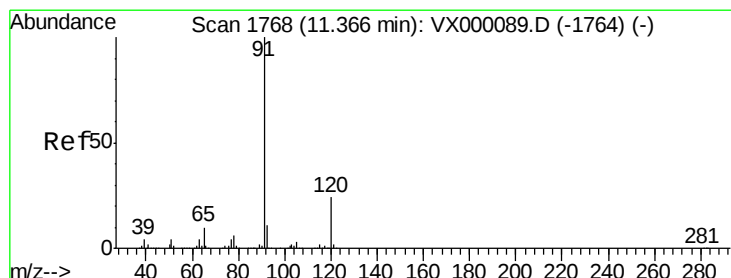
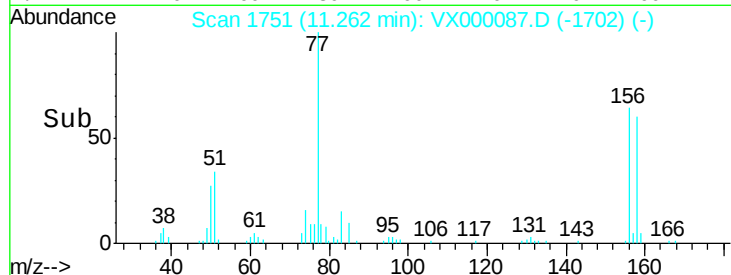
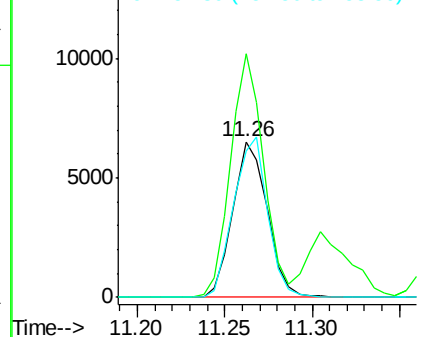
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.31 ug/l

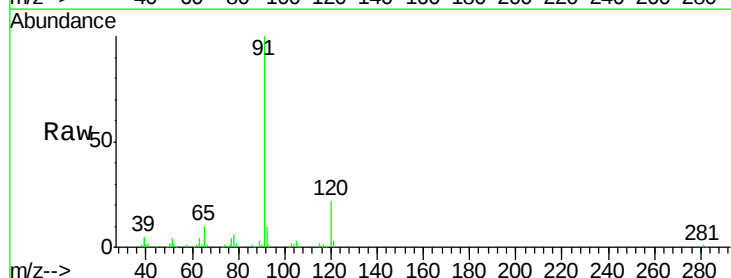
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000087.D

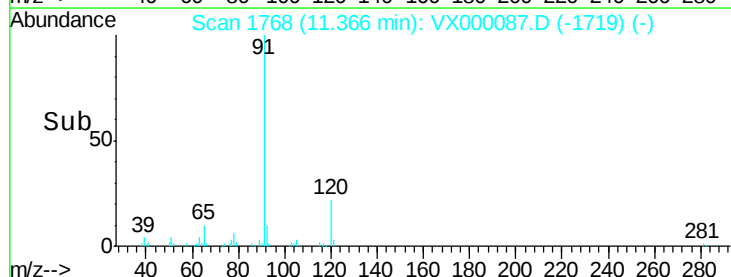
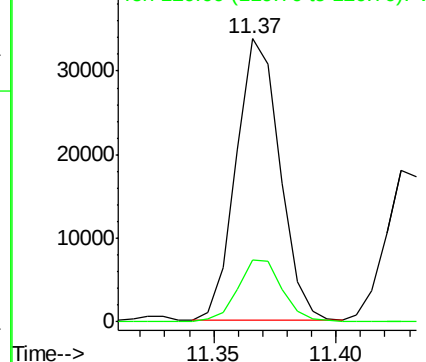
Acq: 14 Feb 2018 15:19

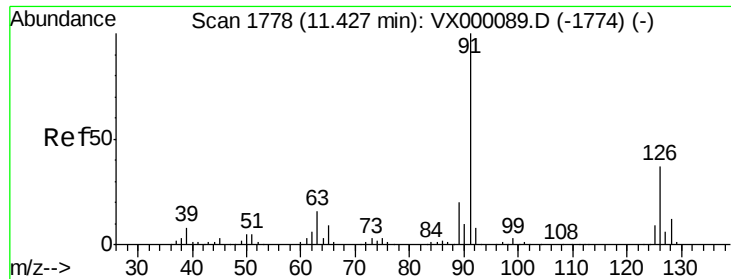
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.6  | 12.3  | 36.9  |



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.18 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 91 Resp: 23530

Ion Ratio Lower Upper

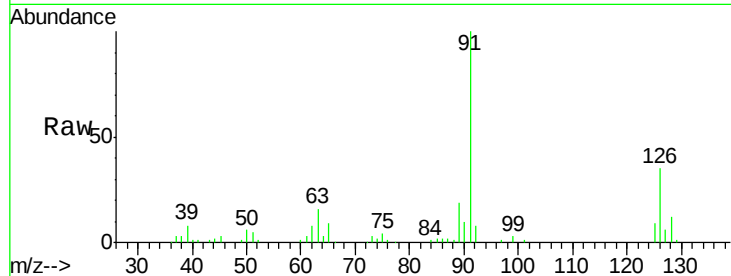
91 100

126 35.0 18.4 55.2

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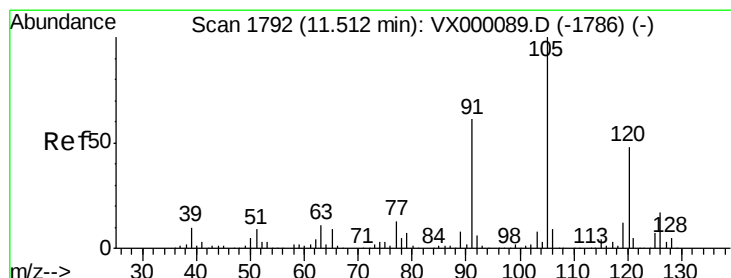
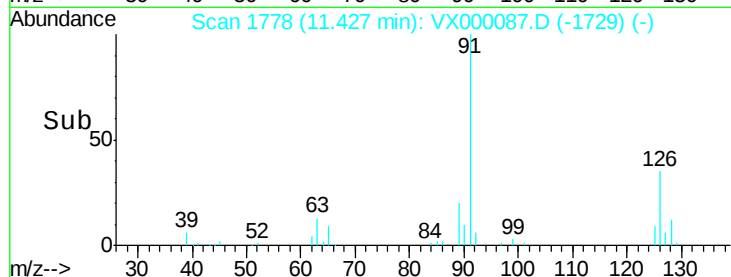
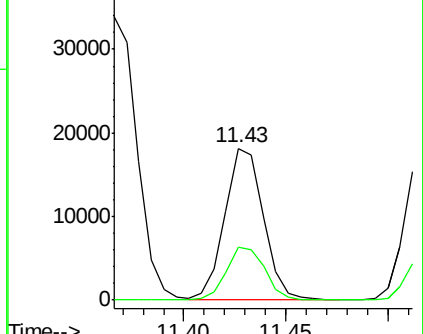
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Abundance Ion 91.00 (90.70 to 91.70): VX000089.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000089.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.25 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000087.D

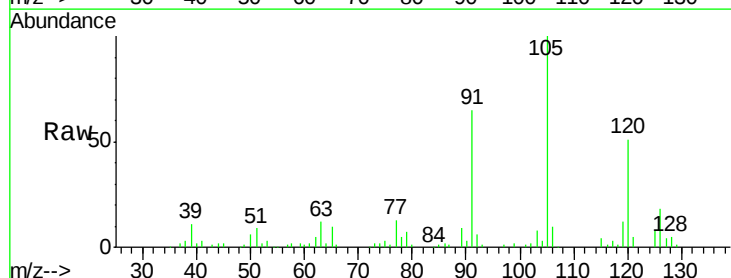
Acq: 14 Feb 2018 15:19

Tgt Ion: 105 Resp: 29894

Ion Ratio Lower Upper

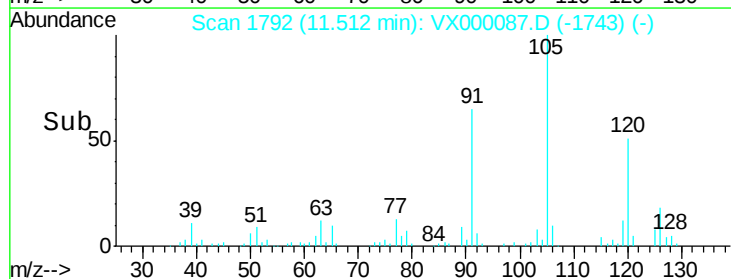
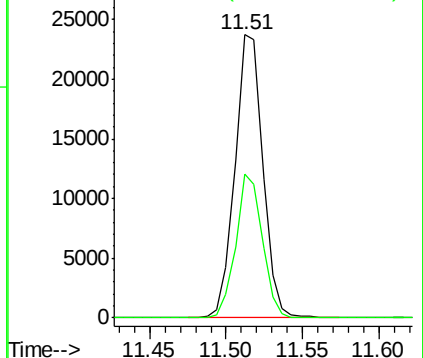
105 100

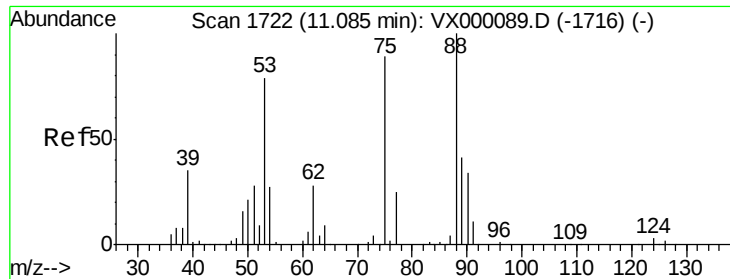
120 48.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000089.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000089.D (-1786) (-)





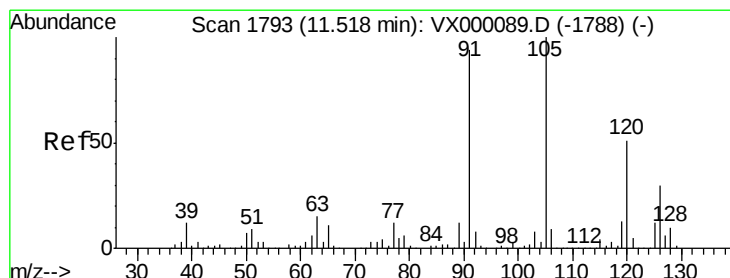
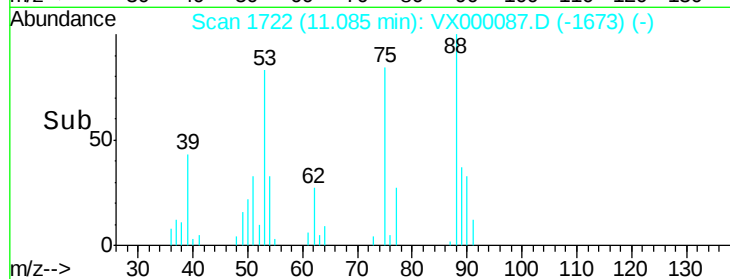
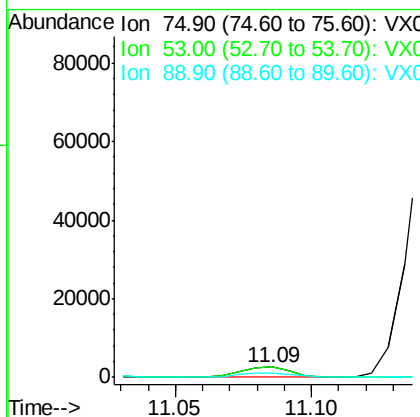
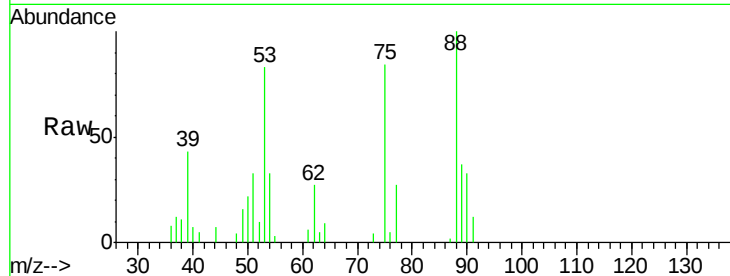
#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.14 ug/l  
RT: 11.09 min Scan# 1722  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

Tot Ion: 75 Resp: 3343  
Ion Ratio Lower Upper  
75 100  
53 101.9 72.3 108.5  
89 54.5 40.6 60.8

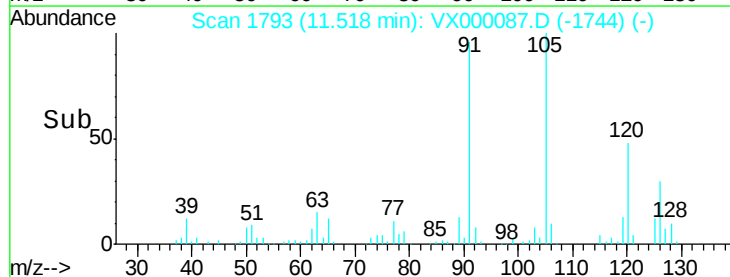
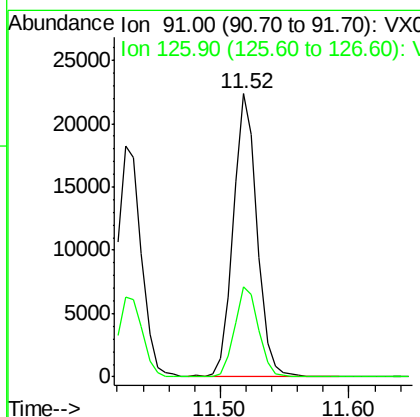
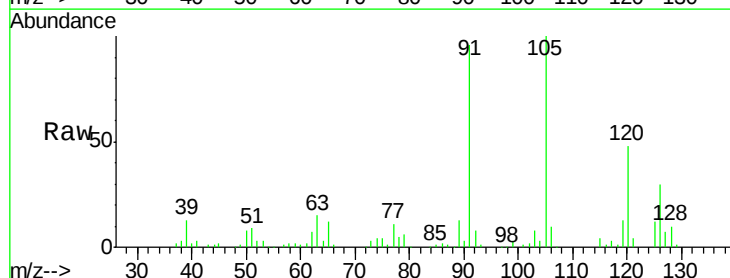
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#82  
4-Chlorotoluene  
Concen: 5.32 ug/l  
RT: 11.52 min Scan# 1793  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Tgt Ion: 91 Resp: 28930  
Ion Ratio Lower Upper  
91 100  
126 31.7 16.7 50.0





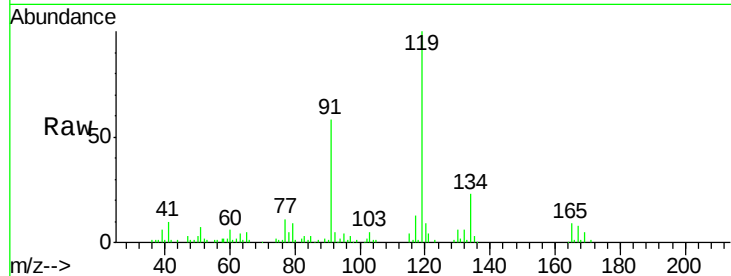
#83  
tert-Butylbenzene  
Concen: 5.10 ug/l  
RT: 11.78 min Scan# 1836  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 58.9  | 28.4  | 85.2  |
| 134     | 23.2  | 11.8  | 35.4  |

Manual Integrations  
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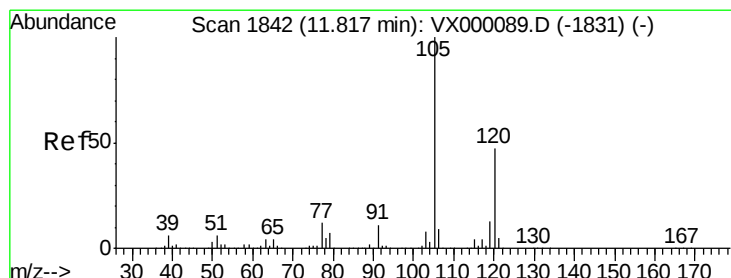
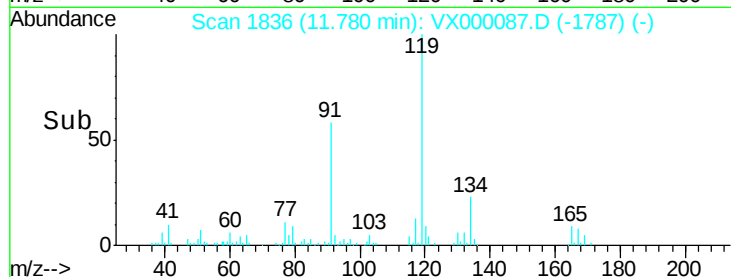
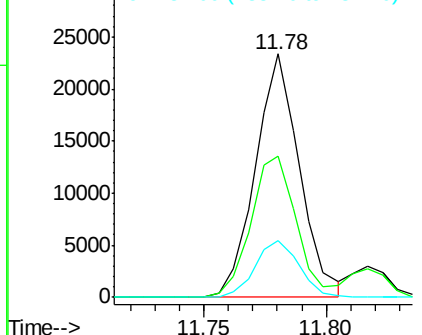


Abundance

Ion 119.00 (118.70 to 119.70): V

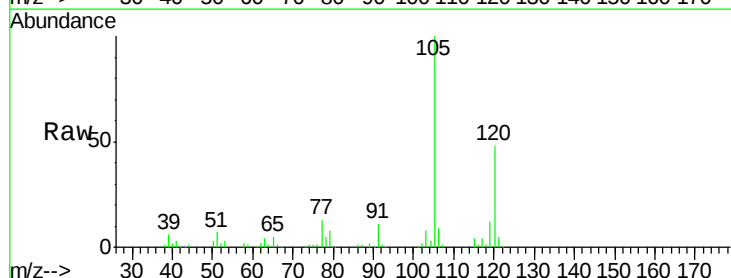
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84  
1,2,4-Trimethylbenzene  
Concen: 5.28 ug/l  
RT: 11.82 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

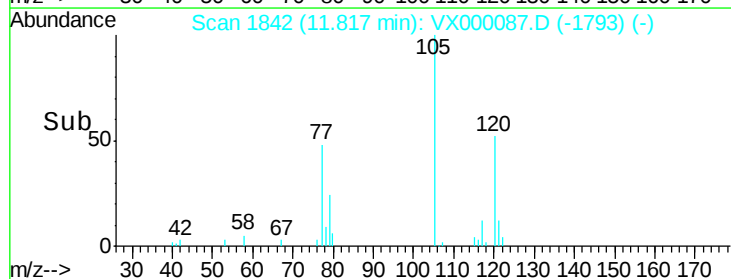
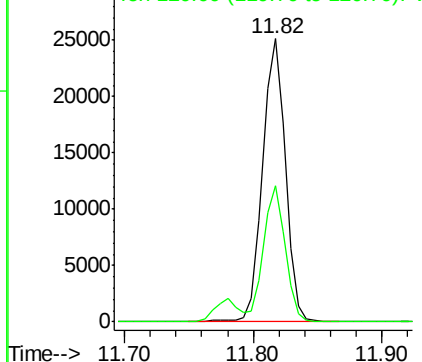
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.0  | 23.1  | 69.2  |



Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





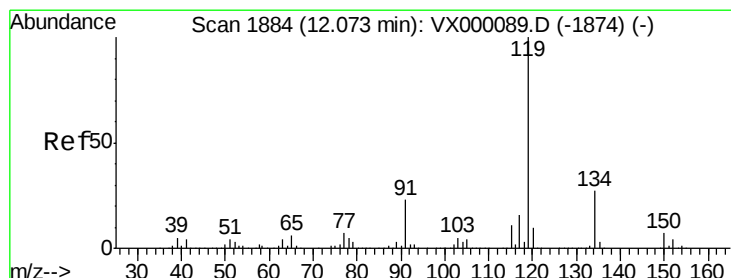
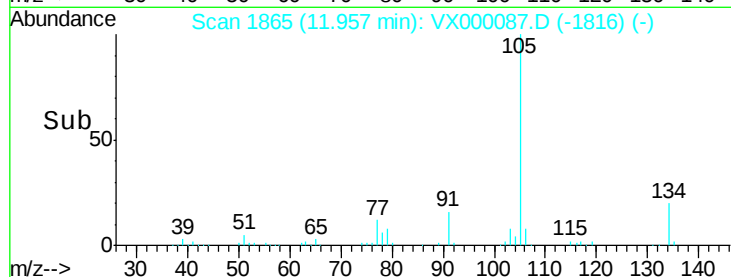
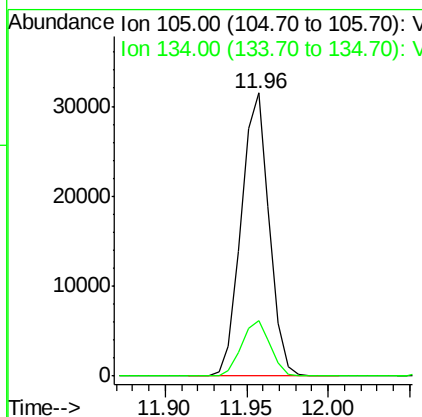
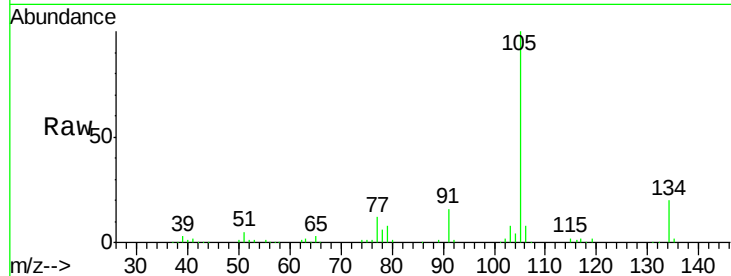
#85  
 sec-Butylbenzene  
 Concen: 5.32 ug/l  
 RT: 11.96 min Scan# 1865  
 Delta R.T. 0.00 min  
 Lab File: VX000087.D  
 Acq: 14 Feb 2018 15:19

Instrument :  
 ClientSampled :  
 VSTDIC005

Tot Ion:105 Resp: 37616  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.5 31.6

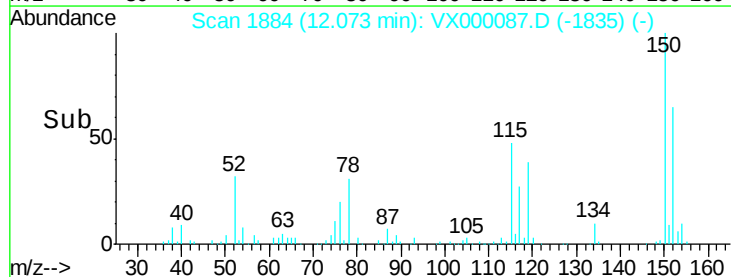
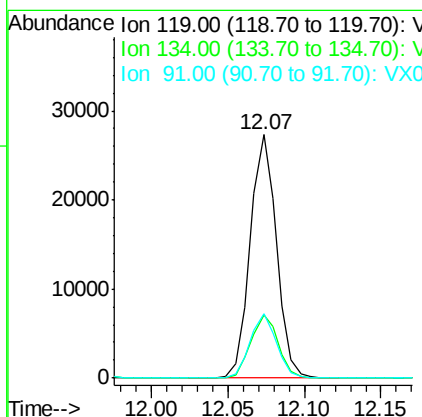
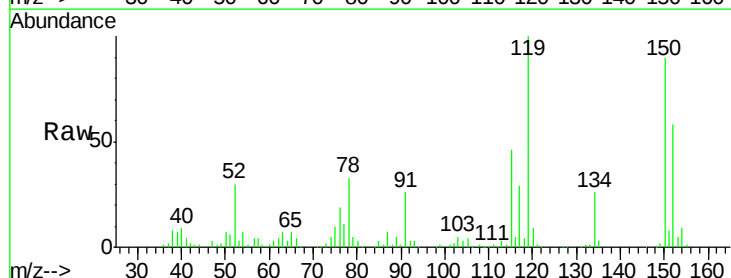
Manual Integrations  
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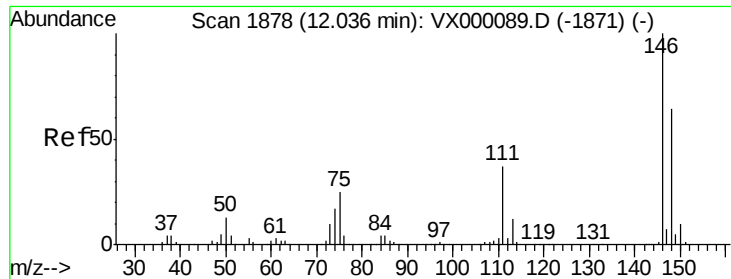
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#86  
 p-Isopropyltoluene  
 Concen: 5.11 ug/l  
 RT: 12.07 min Scan# 1884  
 Delta R.T. 0.00 min  
 Lab File: VX000087.D  
 Acq: 14 Feb 2018 15:19

Tgt Ion:119 Resp: 32522  
 Ion Ratio Lower Upper  
 119 100  
 134 27.3 13.7 41.0  
 91 26.8 11.7 35.0





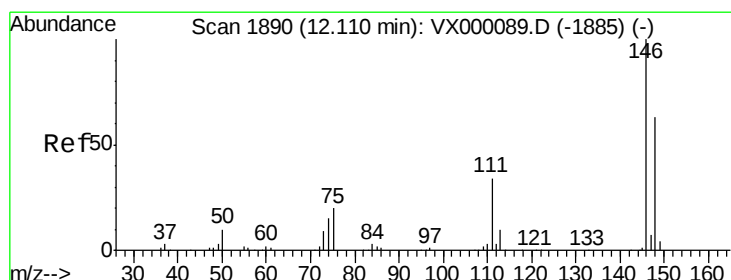
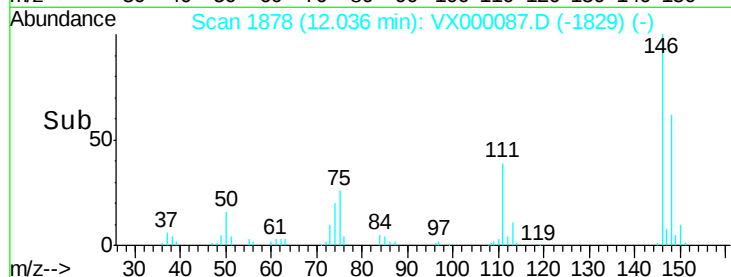
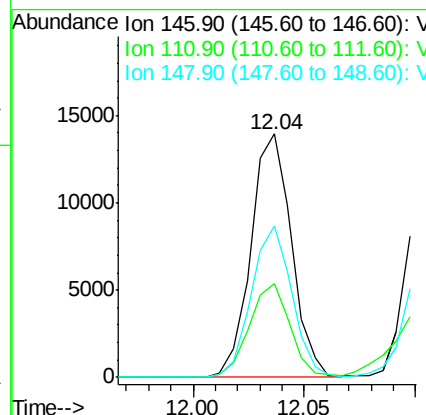
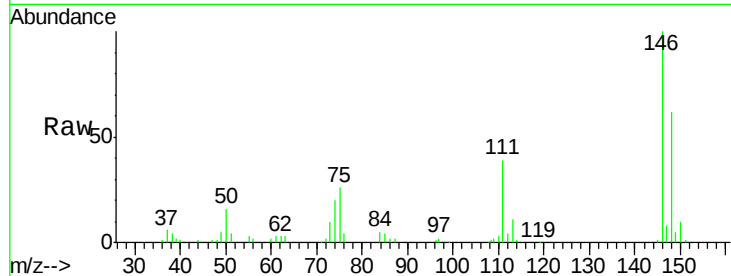
#87  
 1,3-Dichlorobenzene  
 Concen: 5.11 ug/l  
 RT: 12.04 min Scan# 1878  
 Delta R.T. 0.00 min  
 Lab File: VX000087.D  
 Acq: 14 Feb 2018 15:19

Instrument :  
 ClientSampled :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 19.1  | 57.3  |
| 148     | 61.9  | 32.2  | 96.6  |

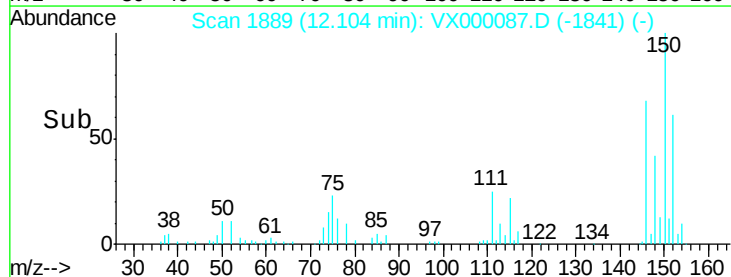
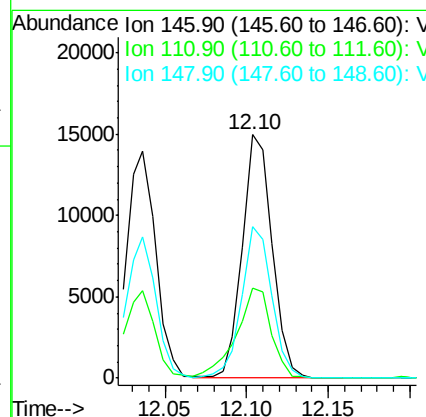
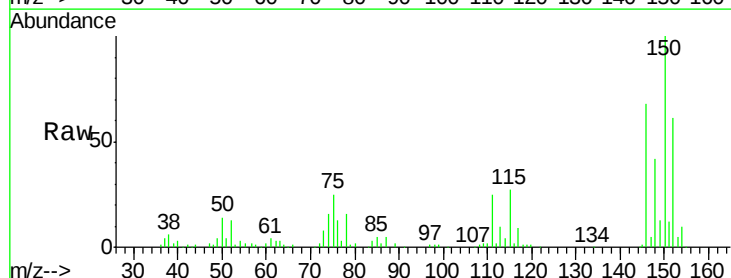
Manual Integrations  
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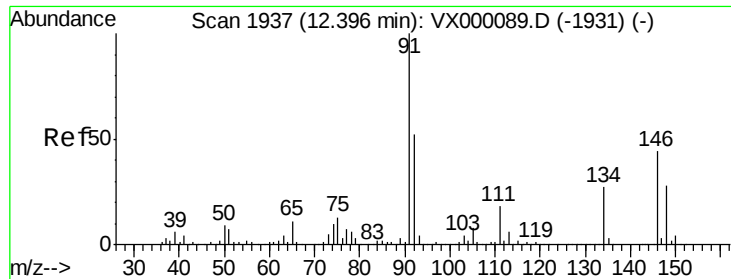
sam  
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#88  
 1,4-Dichlorobenzene  
 Concen: 5.39 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. -0.01 min  
 Lab File: VX000087.D  
 Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.3  | 18.4  | 55.0  |
| 148     | 63.2  | 31.9  | 95.9  |





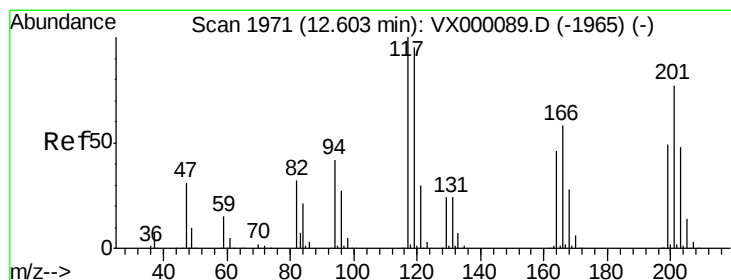
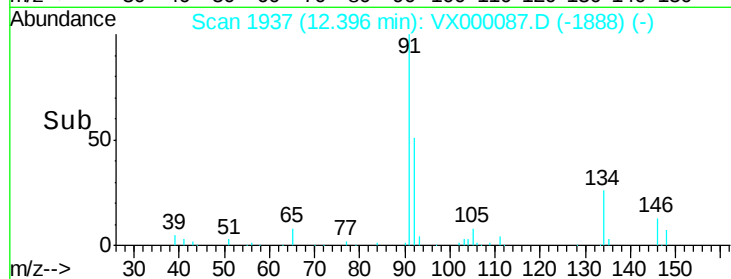
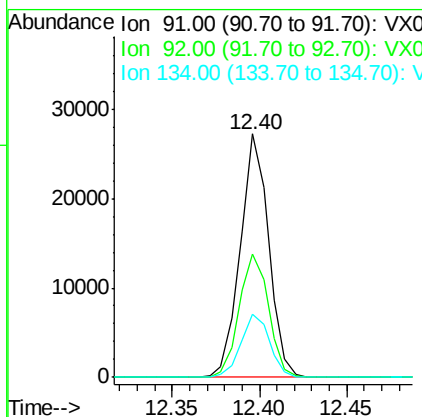
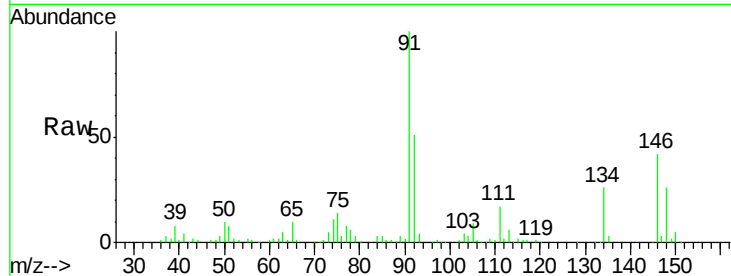
#89  
n-Butylbenzene  
Concen: 5.19 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.2  | 26.2  | 78.6  |
| 134     | 26.3  | 14.3  | 42.9  |

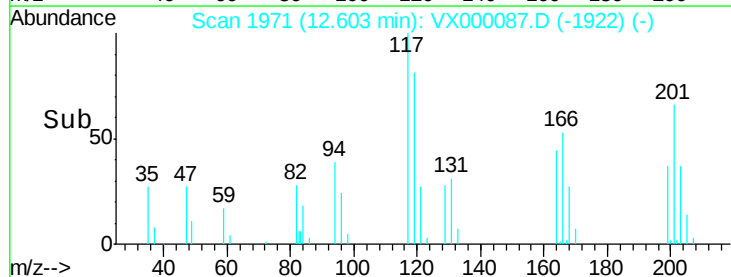
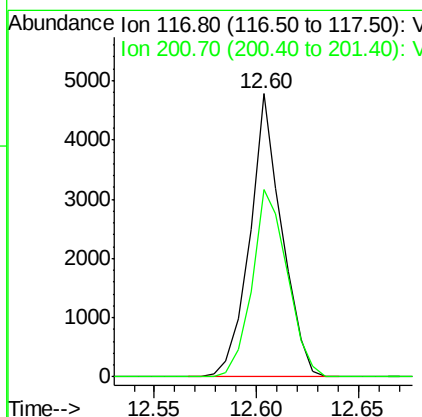
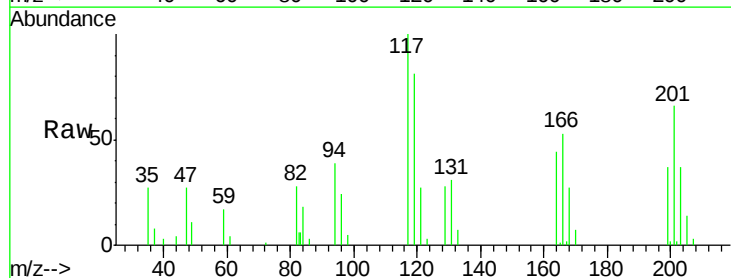
Manual Integrations  
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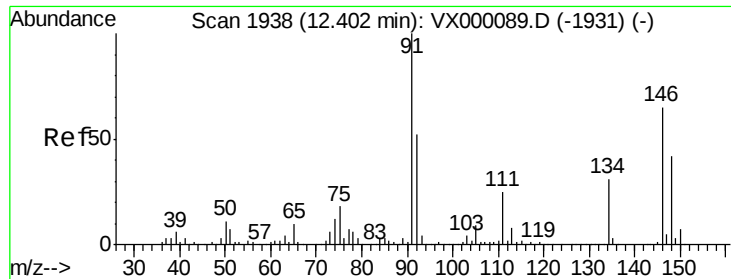
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#90  
Hexachloroethane  
Concen: 4.72 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: VX000087.D  
Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 72.4  | 41.1  | 123.4 |





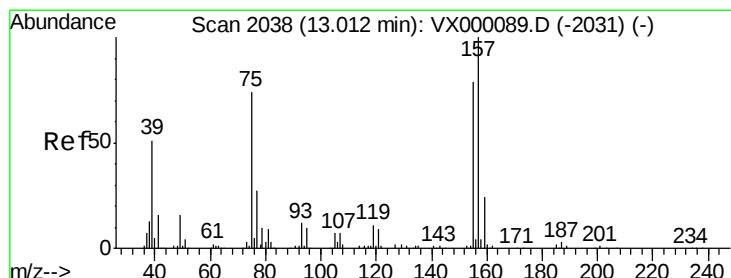
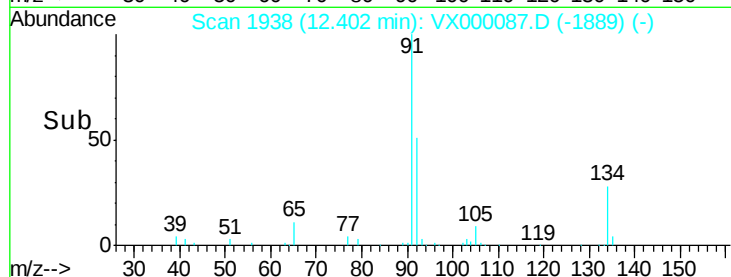
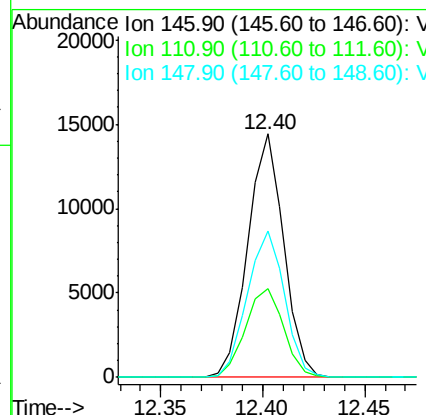
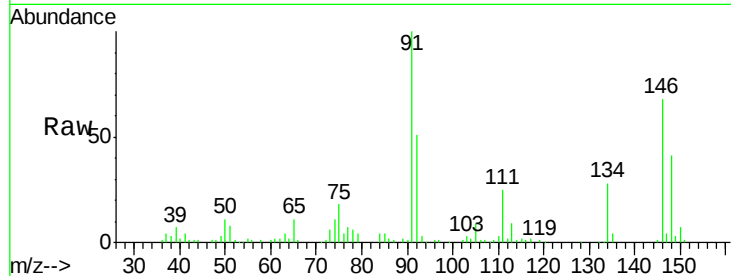
#91  
 1,2-Dichlorobenzene  
 Concen: 5.19 ug/l  
 RT: 12.40 min Scan# 1938  
 Delta R.T. 0.00 min  
 Lab File: VX000087.D  
 Acq: 14 Feb 2018 15:19

Instrument :  
 ClientSampled :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 19.6  | 58.8  |
| 148     | 62.6  | 32.4  | 97.0  |

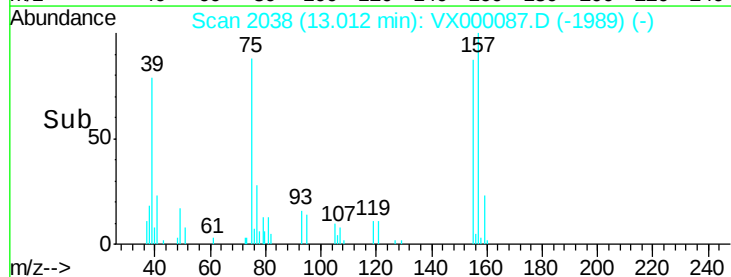
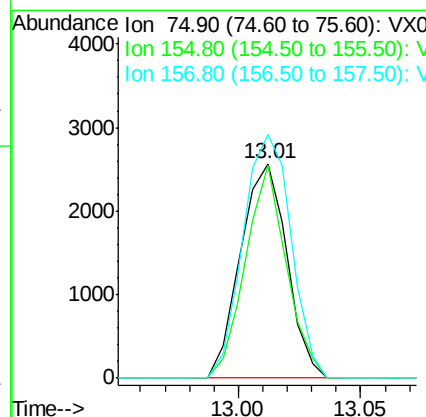
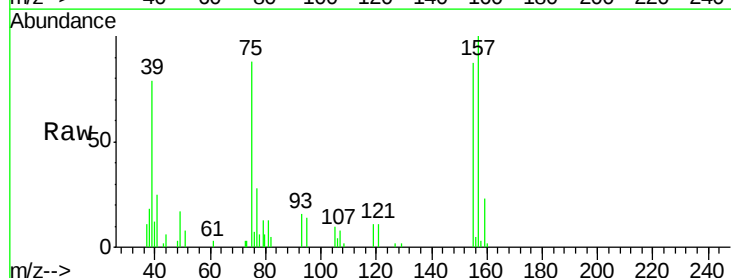
Manual Integrations  
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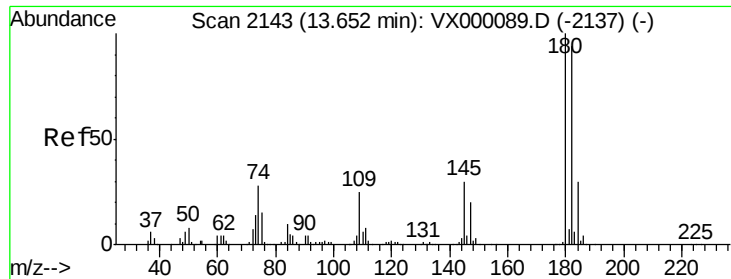
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 5.04 ug/l  
 RT: 13.01 min Scan# 2038  
 Delta R.T. 0.00 min  
 Lab File: VX000087.D  
 Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 87.8  | 49.3  | 147.9 |
| 157     | 117.4 | 63.7  | 191.1 |





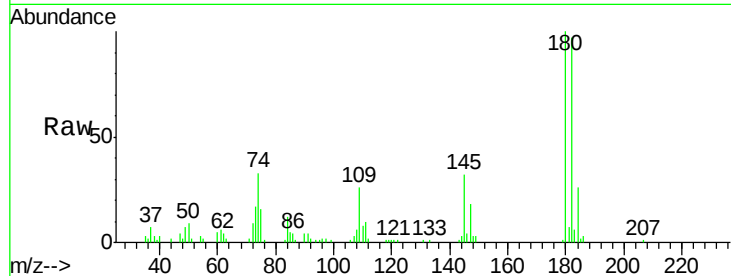
#93  
 1,2,4-Trichlorobenzene  
 Concen: 5.09 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. 0.00 min  
 Lab File: VX000087.D  
 Acq: 14 Feb 2018 15:19

Instrument :  
 ClientSampled :  
 VSTDIC005

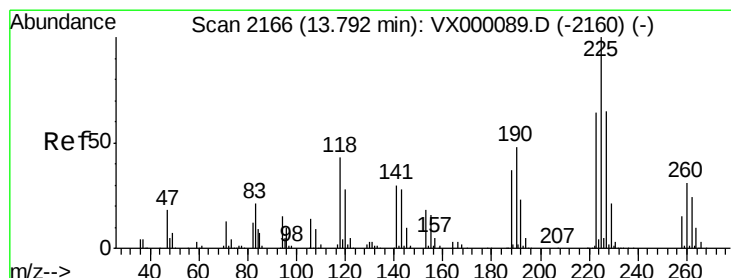
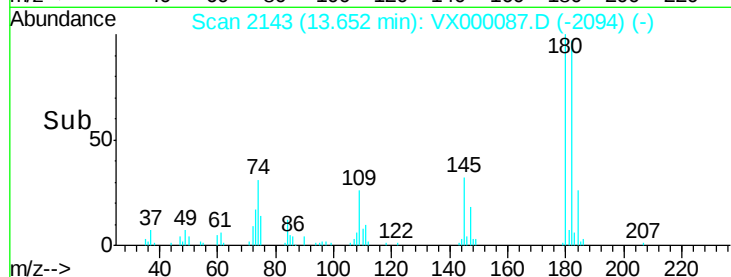
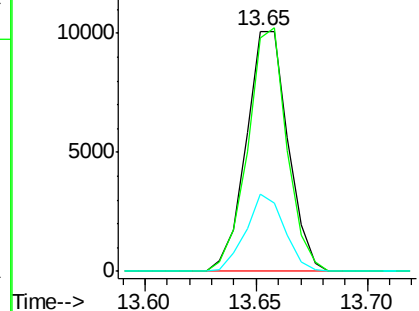
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.7  | 47.8  | 143.4 |
| 145     | 29.8  | 14.7  | 44.1  |

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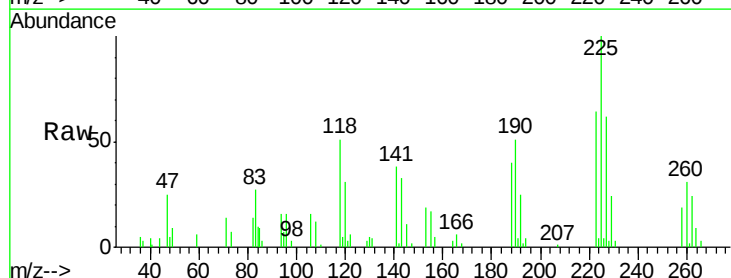


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

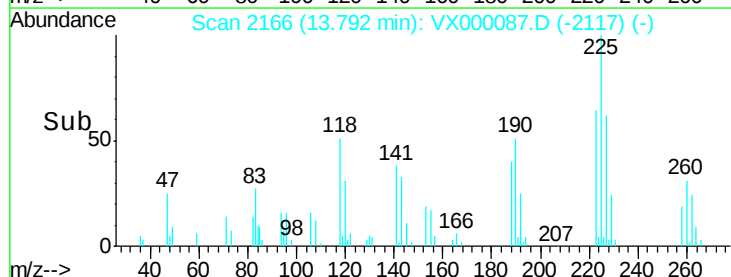
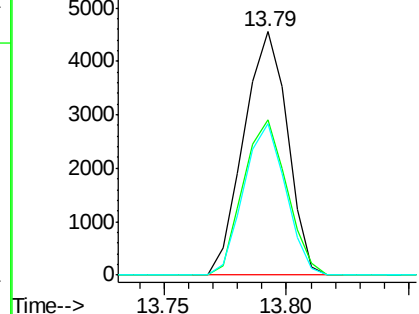


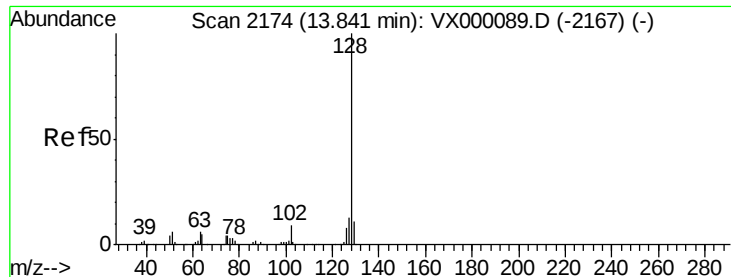
#94  
 Hexachlorobutadiene  
 Concen: 4.70 ug/l  
 RT: 13.79 min Scan# 2166  
 Delta R.T. 0.00 min  
 Lab File: VX000087.D  
 Acq: 14 Feb 2018 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.7  | 31.9  | 95.7  |
| 227     | 59.6  | 32.8  | 98.4  |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.33 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

Instrument :

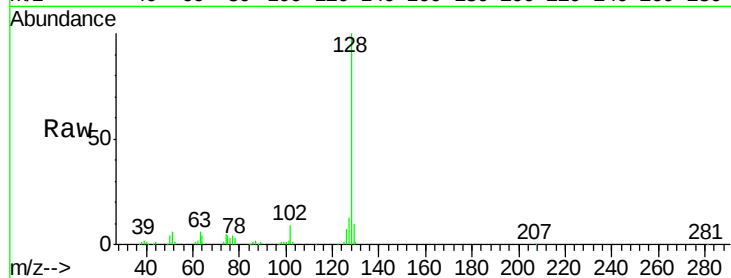
ClientSampled :

VSTDIC005

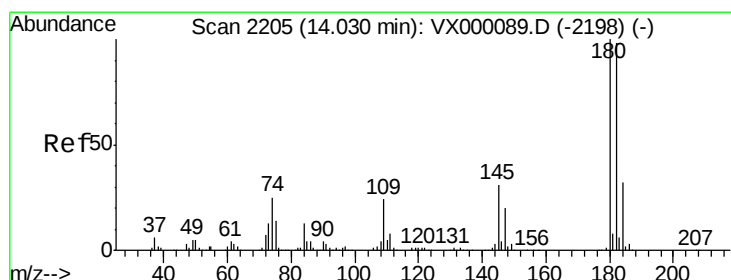
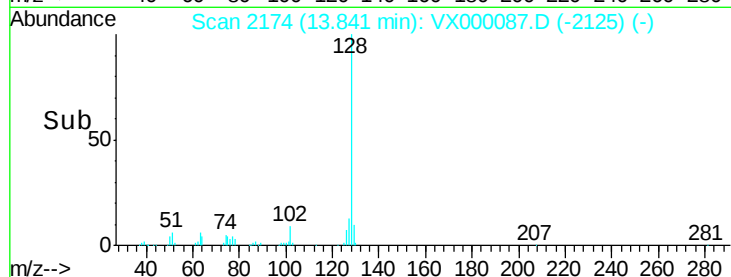
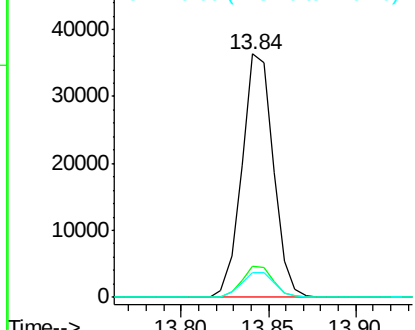
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 45382 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 12.7  | 10.4  | 15.6  |
| 129       | 11.0  | 8.7   | 13.1  |

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Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.95 ug/l

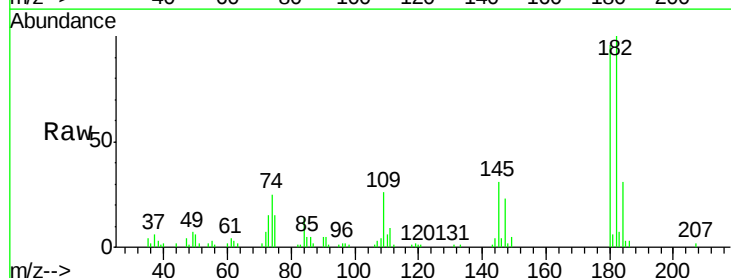
RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000087.D

Acq: 14 Feb 2018 15:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 12531 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 98.9  | 48.2  | 144.6 |
| 145       | 33.1  | 15.3  | 45.9  |



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

