

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\  
 Data File : VX000101.D  
 Acq On : 15 Feb 2018 18:07  
 Operator : JC/MD  
 Sample : VX0215WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ClientSampleId :  
 VX0215WBSD01

Manual Integrations  
 APPROVED

sam  
 2/16/2018 4:51:11 PM

Quant Time: Feb 16 12:25:17 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X021418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 15 12:46:41 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.68  | 168  | 103040   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 175521   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 170878   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 98435    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.08   | 65   | 66271    | 51.50 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 103.00% |          |
| 35) Dibromofluoromethane    | 5.51   | 113  | 54248    | 48.97 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 97.94%  |          |
| 50) Toluene-d8              | 8.73   | 98   | 214036   | 48.98 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 97.96%  |          |
| 62) 4-Bromofluorobenzene    | 11.15  | 95   | 82473    | 48.13 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 96.26%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 23509    | 22.16  | ug/l  | 98     |
| 3) Chloromethane              | 1.32 | 50   | 21671    | 20.83  | ug/l  | 94     |
| 4) Vinyl Chloride             | 1.40 | 62   | 26193    | 22.59  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 21713    | 22.33  | ug/l  | 96     |
| 6) Chloroethane               | 1.73 | 64   | 16644    | 21.38  | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 45326    | 21.87  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.20 | 74   | 15928    | 22.27  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 25018    | 21.59  | ug/l  | 98     |
| 10) Methyl Iodide             | 2.52 | 142  | 24990    | 19.69  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.08 | 59   | 56275    | 113.49 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.38 | 96   | 22819    | 21.15  | ug/l  | 95     |
| 13) Acrolein                  | 2.30 | 56   | 18656    | 78.77  | ug/l  | 99     |
| 14) Allyl chloride            | 2.73 | 41   | 40446    | 22.39  | ug/l  | 98     |
| 15) Acrylonitrile             | 3.16 | 53   | 94462    | 111.55 | ug/l  | 99     |
| 16) Acetone                   | 2.45 | 43   | 96688    | 115.86 | ug/l  | 98     |
| 17) Carbon Disulfide          | 2.57 | 76   | 62769    | 19.76  | ug/l  | 97     |
| 18) Methyl Acetate            | 2.79 | 43   | 45405    | 23.20  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73   | 82634    | 22.31  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.87 | 84   | 24984    | 22.60  | ug/l  | 96     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 24160    | 20.65  | ug/l  | 92     |
| 22) Diisopropyl ether         | 3.88 | 45   | 74480    | 23.60  | ug/l  | 95     |
| 23) Vinyl Acetate             | 3.84 | 43   | 359020   | 122.40 | ug/l  | 98     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 43719    | 23.38  | ug/l  | 100    |
| 25) 2-Butanone                | 4.72 | 43   | 127468   | 109.41 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 32762    | 20.15  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.61 | 96   | 23448    | 21.04  | ug/l  | 99     |
| 28) Bromochloromethane        | 5.03 | 49   | 18128    | 21.62  | ug/l  | 94     |
| 29) Tetrahydrofuran           | 5.18 | 42   | 82194    | 108.34 | ug/l  | 99     |
| 30) Chloroform                | 5.23 | 83   | 41822    | 21.25  | ug/l  | 98     |
| 31) Cyclohexane               | 5.59 | 56   | 33761    | 21.00  | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 5.51 | 97   | 37809    | 20.88  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.81 | 75   | 31720    | 20.14  | ug/l  | 97     |
| 37) Ethyl Acetate             | 4.88 | 43   | 44437    | 20.53  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 5.79 | 117  | 33943    | 19.95  | ug/l  | 97     |

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\  
 Data File : VX000101.D  
 Acq On : 15 Feb 2018 18:07  
 Operator : JC/MD  
 Sample : VX0215WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ClientSampleId :  
 VX0215WBSD01

Manual Integrations  
 APPROVED

sam  
 2/16/2018 4:51:11 PM

Quant Time: Feb 16 12:25:17 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X021418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 15 12:46:41 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.47  | 83   | 37782    | 19.92  | ug/l   | 98       |
| 40) Benzene                    | 6.15  | 78   | 92007    | 20.44  | ug/l   | 97       |
| 41) Methacrylonitrile          | 5.07  | 41   | 22534    | 21.40  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.21  | 62   | 35593    | 21.56  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.48  | 43   | 64849    | 20.78  | ug/l   | 99       |
| 44) Trichloroethene            | 7.22  | 130  | 26725    | 20.16  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 7.53  | 63   | 23408    | 21.22  | ug/l   | 97       |
| 46) Dibromomethane             | 7.67  | 93   | 18330    | 21.30  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.91  | 83   | 33120    | 20.83  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.79  | 41   | 31439    | 20.55  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.77  | 88   | 16431    | 409.66 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.67  | 43   | 244267   | 107.09 | ug/l   | 97       |
| 52) Toluene                    | 8.79  | 92   | 63020    | 20.96  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 8.45  | 75   | 38664    | 20.68  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 38277    | 20.62  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 9.23  | 97   | 25705    | 20.67  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.20  | 69   | 39965    | 20.95  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 42187    | 21.36  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 96033    | 99.58  | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.51  | 43   | 203039   | 105.13 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 28233    | 20.05  | ug/l   | 94       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 28887    | 20.94  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 25268    | 20.31  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.15 | 112  | 72463    | 20.09  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 25912    | 20.53  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 123044   | 20.32  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.37 | 106  | 97676    | 40.73  | ug/l   | 100      |
| 69) o-Xylene                   | 10.71 | 106  | 46898    | 20.28  | ug/l   | 96       |
| 70) Styrene                    | 10.72 | 104  | 78724    | 20.82  | ug/l   | 99       |
| 71) Bromoform                  | 10.87 | 173  | 22716    | 19.81  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 127688   | 20.47  | ug/l   | 98       |
| 74) N-amyl acetate             | 6.48  | 43   | 64849    | 20.58  | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.28 | 83   | 44578    | 20.52  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 40861m   | 20.04  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 33044    | 19.54  | ug/l   | 96       |
| 78) n-propylbenzene            | 11.37 | 91   | 148950   | 20.25  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 86949    | 20.66  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.52 | 105  | 108571   | 20.58  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.09 | 75   | 13492    | 18.85  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 11.52 | 91   | 104785   | 20.58  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 11.78 | 119  | 108845   | 20.44  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.82 | 105  | 112547   | 20.55  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.96 | 105  | 134528   | 20.34  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 120062   | 20.31  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.04 | 146  | 64806    | 19.98  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.11 | 146  | 66501    | 19.84  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.40 | 91   | 112154   | 20.12  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 19357    | 20.12  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 64539    | 20.22  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 13160    | 21.82  | ug/l   | 93       |

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\  
Data File : VX000101.D  
Acq On : 15 Feb 2018 18:07  
Operator : JC/MD  
Sample : VX0215WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ClientSampleId :  
VX0215WBSD01

Manual Integrations  
APPROVED

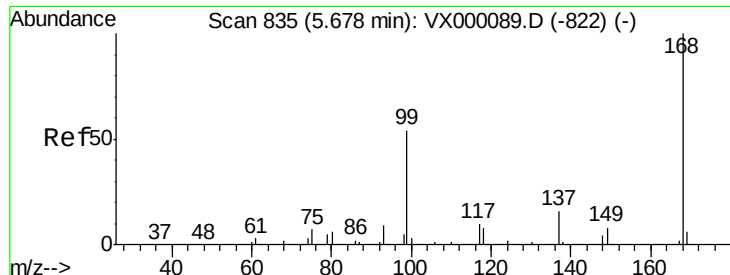
sam  
2/16/2018 4:51:11 PM

Quant Time: Feb 16 12:25:17 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X021418W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 15 12:46:41 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 46635    | 19.47 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 19491    | 18.65 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 165298   | 20.35 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.03 | 180  | 44981    | 19.03 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampled :

VX0215WBSD01

Tot Ion:168 Resp: 103040

Ion Ratio Lower Upper

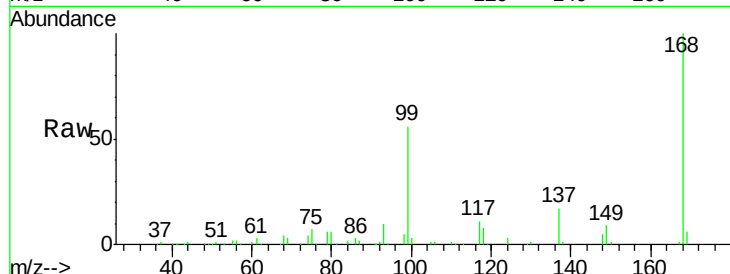
168 100

99 56.3 43.1 64.7

Manual Integrations  
APPROVED

sam

2/16/2018 4:51:11 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

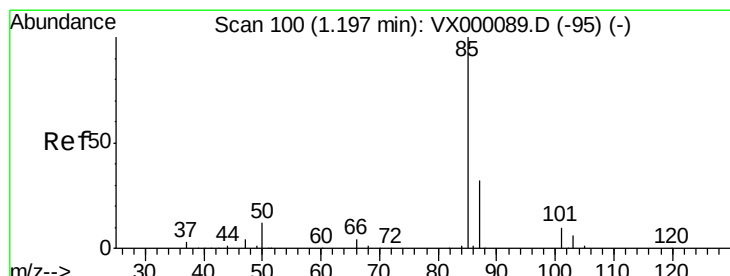
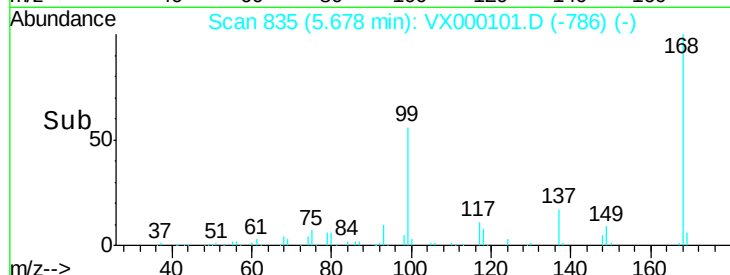
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.16 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000101.D

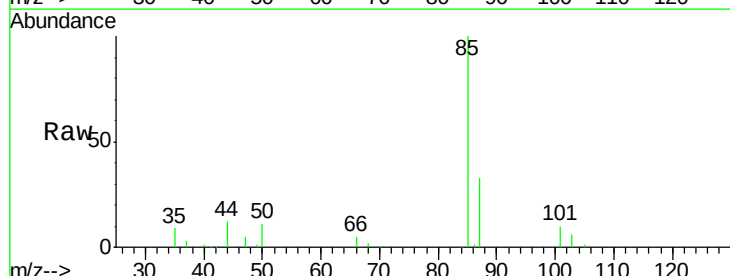
Acq: 15 Feb 2018 18:07

Tgt Ion: 85 Resp: 23509

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

15000

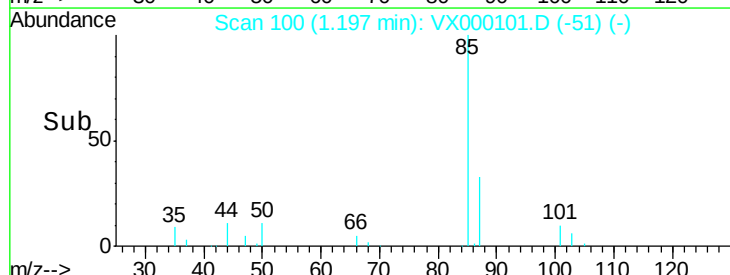
10000

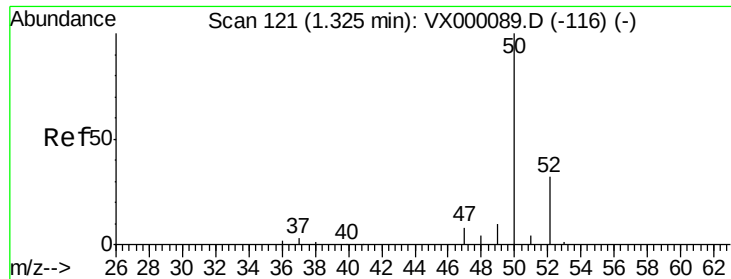
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.83 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampled :

VX0215WBSD01

Tot Ion: 50 Resp: 21671

Ion Ratio Lower Upper

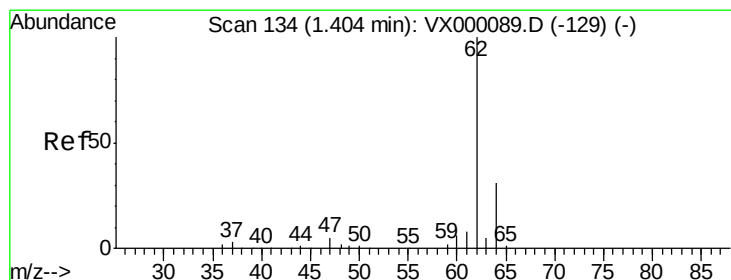
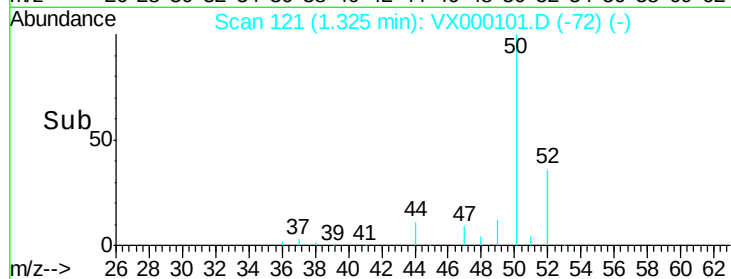
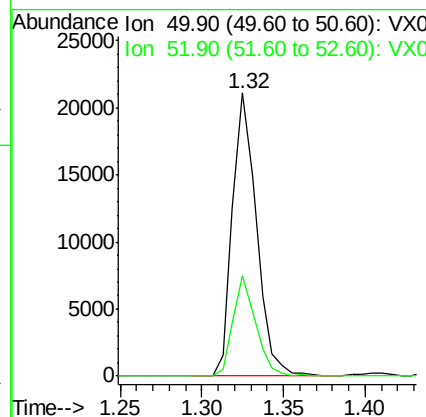
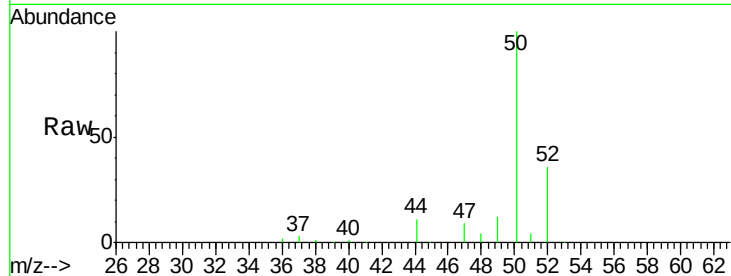
50 100

52 35.5 25.9 38.9

Manual Integrations  
APPROVED

sam

2/16/2018 4:51:11 PM



#4

Vinyl Chloride

Concen: 22.59 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000101.D

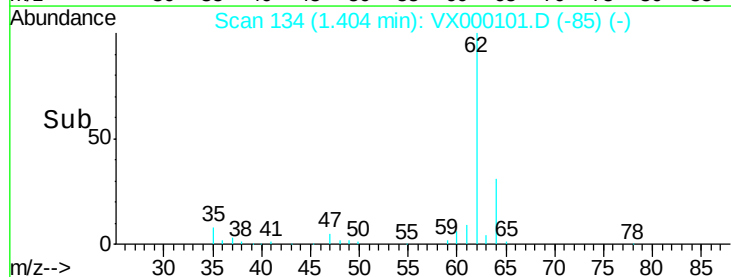
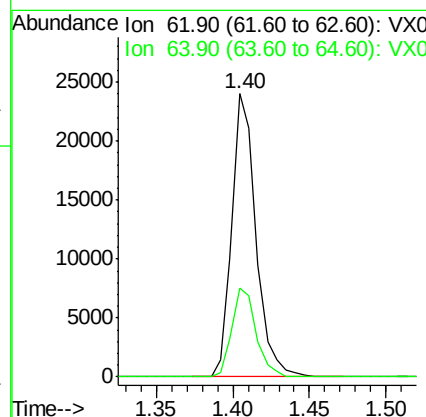
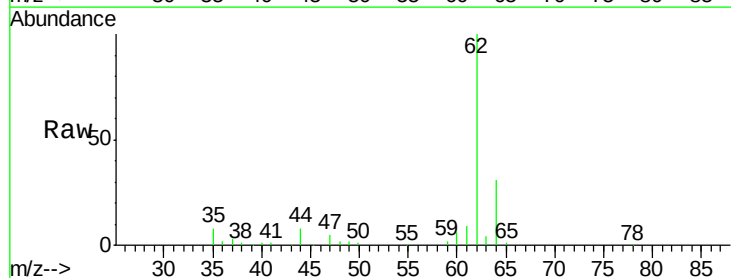
Acq: 15 Feb 2018 18:07

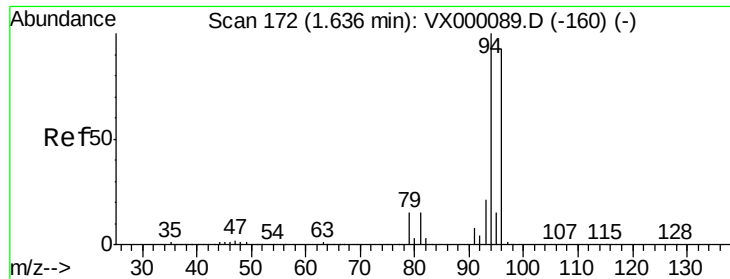
Tgt Ion: 62 Resp: 26193

Ion Ratio Lower Upper

62 100

64 31.2 24.6 37.0





#5

Bromomethane

Concen: 22.33 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampled :

VX0215WBSD01

Tot Ion: 94 Resp: 21713

Ion Ratio Lower Upper

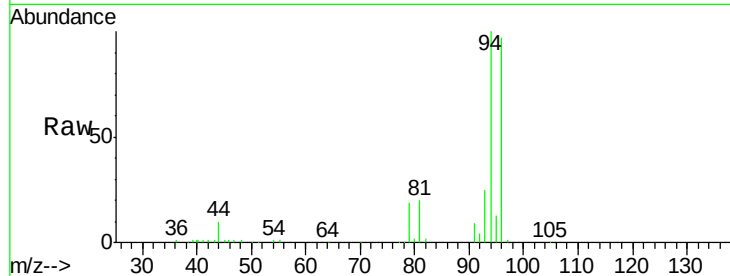
94 100

96 97.1 74.6 112.0

Manual Integrations  
APPROVED

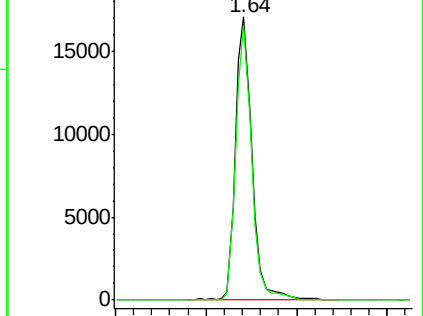
sam

2/16/2018 4:51:11 PM

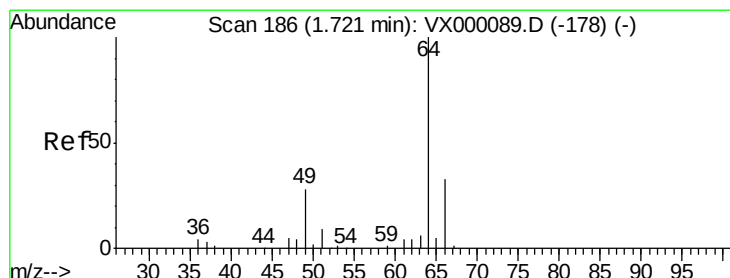
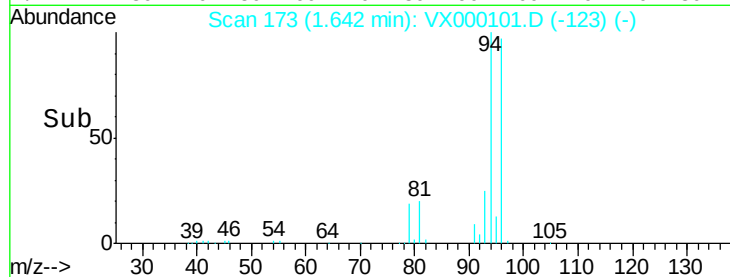


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 21.38 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000101.D

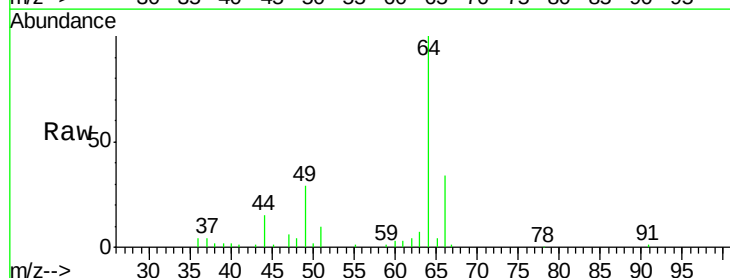
Acq: 15 Feb 2018 18:07

Tgt Ion: 64 Resp: 16644

Ion Ratio Lower Upper

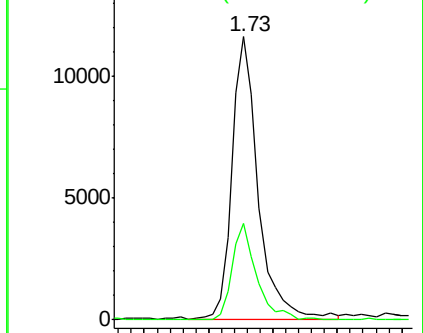
64 100

66 33.9 26.0 39.0

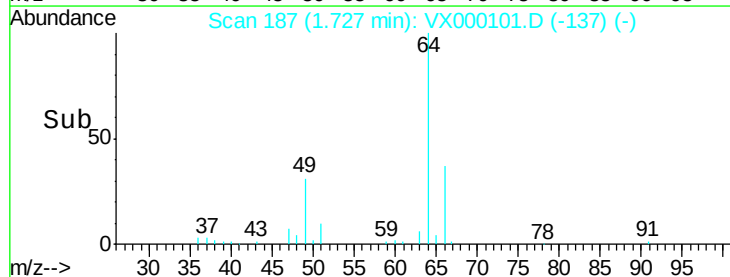


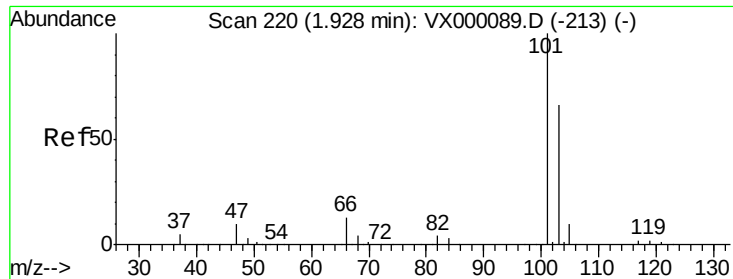
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

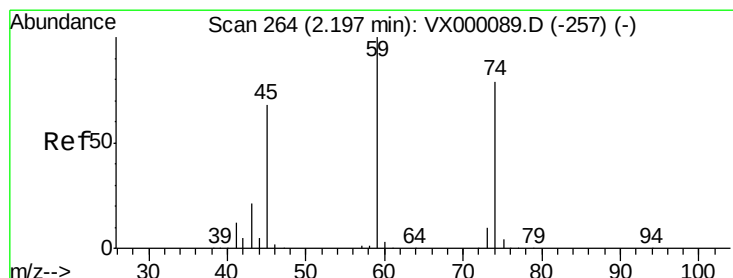
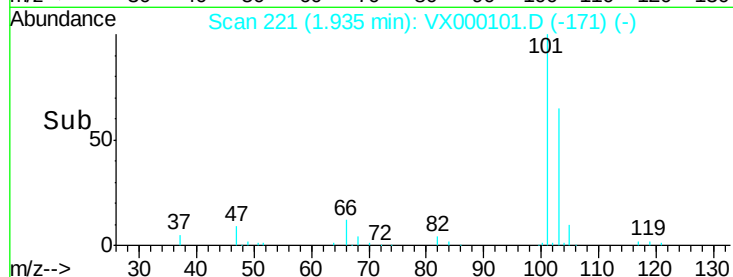
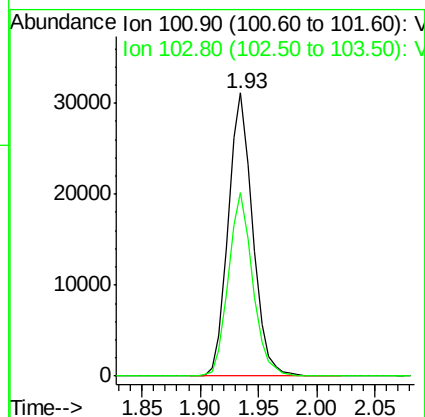
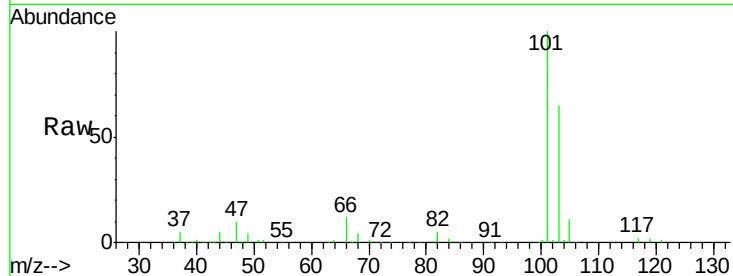
Trichlorofluoromethane  
Concen: 21.87 ug/l  
RT: 1.93 min Scan# 221  
Delta R.T. 0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampleId :  
VX0215WBSD01

Tot Ion:101 Resp: 45326  
Ion Ratio Lower Upper  
101 100  
103 64.9 52.7 79.1

Manual Integrations  
APPROVED

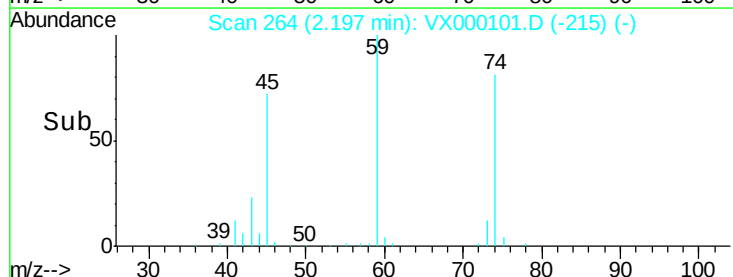
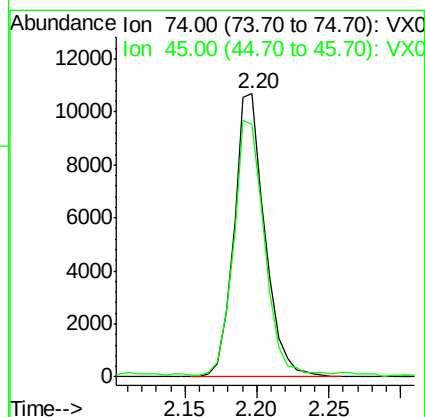
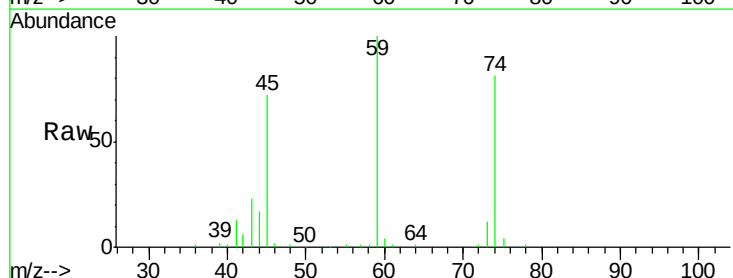
sam  
2/16/2018 4:51:11 PM



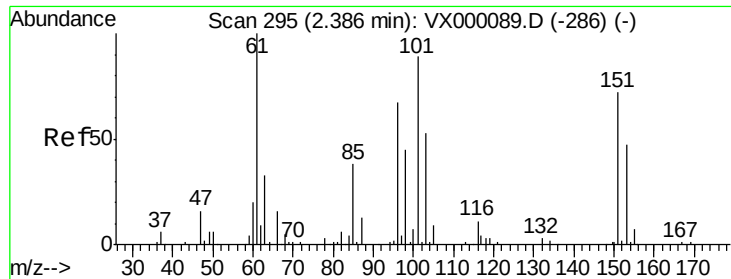
#8

Diethyl Ether  
Concen: 22.27 ug/l  
RT: 2.20 min Scan# 264  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Tgt Ion: 74 Resp: 15928  
Ion Ratio Lower Upper  
74 100  
45 90.0 44.7 134.1







#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.59 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

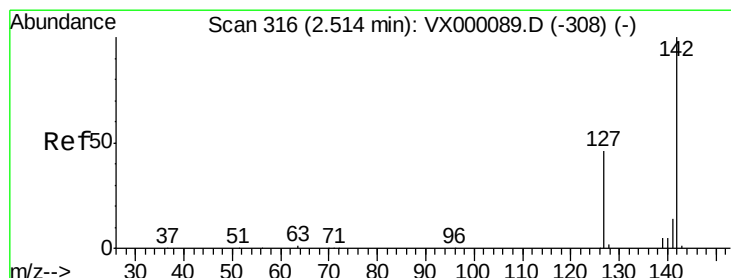
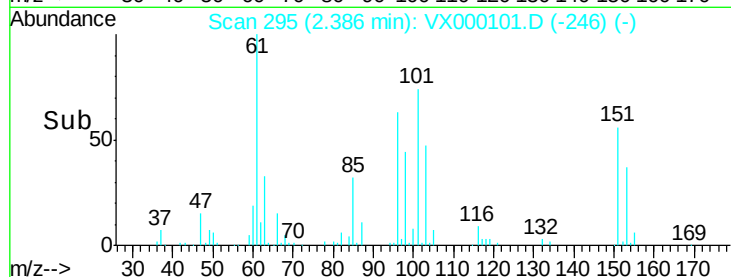
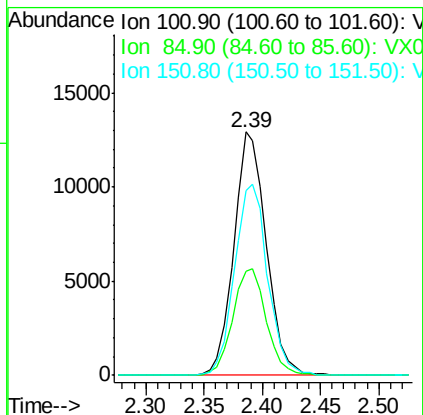
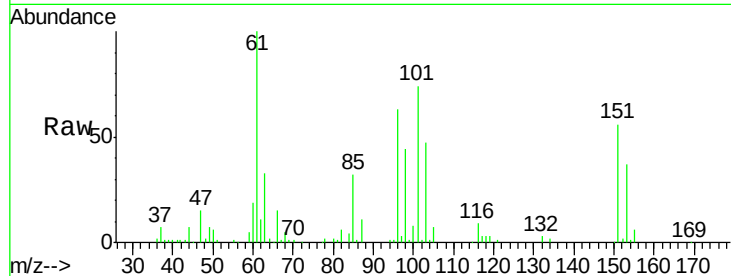
ClientSampleId :

VX0215WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 25018 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.0  | 36.7  | 55.1  |
| 151       | 80.2  | 65.8  | 98.6  |

Manual Integrations  
APPROVED

sam  
2/16/2018 4:51:11 PM



#10

Methyl Iodide

Concen: 19.69 ug/l

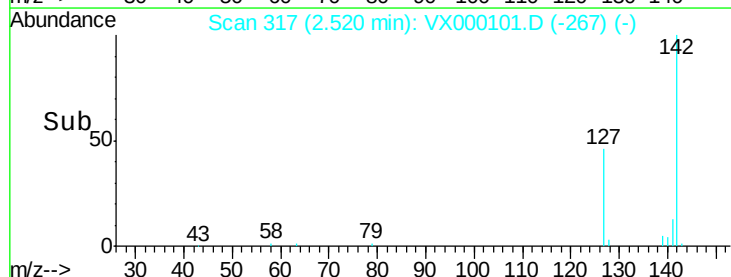
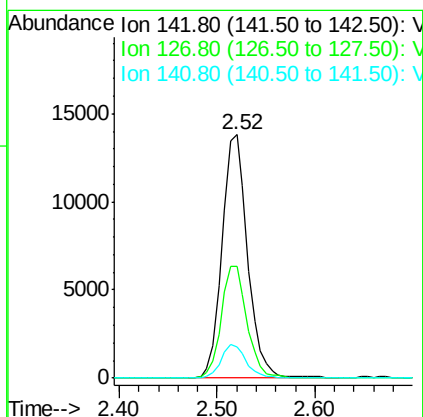
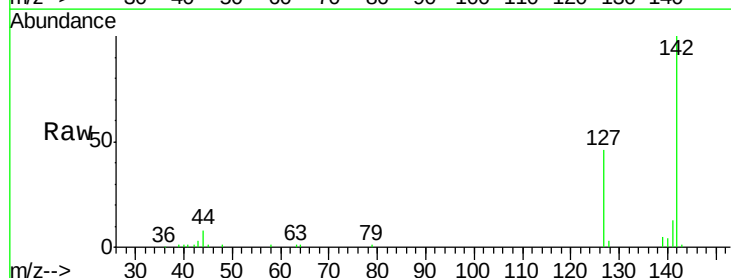
RT: 2.52 min Scan# 317

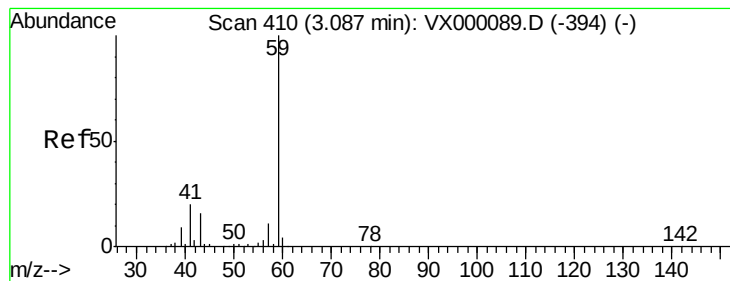
Delta R.T. 0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 24990 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 46.3  | 36.8  | 55.2  |
| 141       | 13.4  | 11.6  | 17.4  |





#11

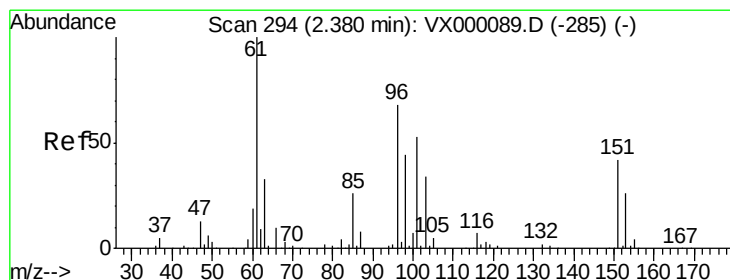
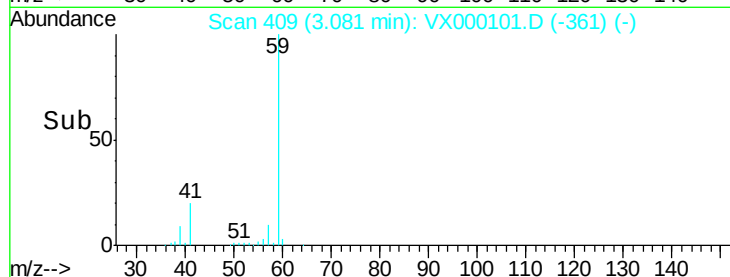
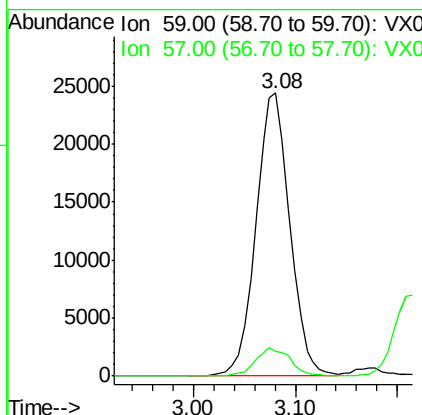
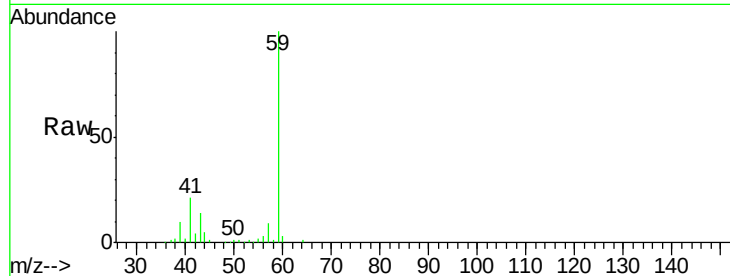
Tert butyl alcohol  
 Concen: 113.49 ug/l  
 RT: 3.08 min Scan# 409  
 Delta R.T. -0.01 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

Instrument :  
 ClientSampled :  
 VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.4  | 8.3   | 12.5  |

Manual Integrations  
 APPROVED

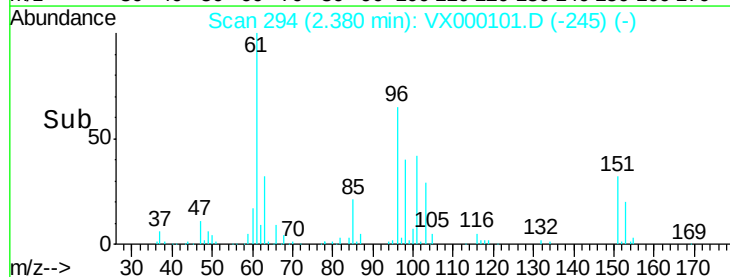
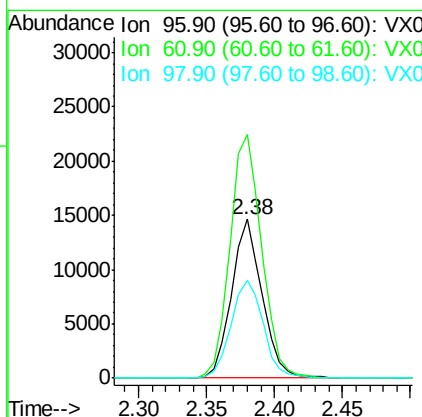
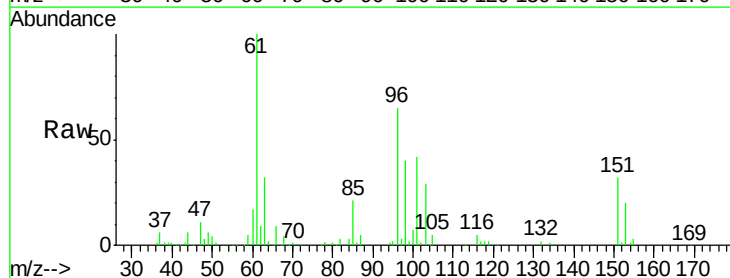
sam  
 2/16/2018 4:51:11 PM

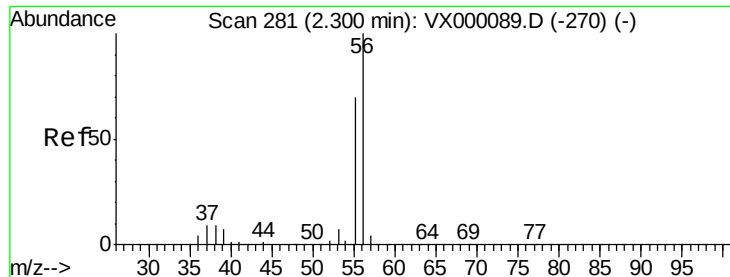


#12

1,1-Dichloroethene  
 Concen: 21.15 ug/l  
 RT: 2.38 min Scan# 294  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 153.5 | 117.7 | 176.5 |
| 98      | 61.7  | 51.3  | 76.9  |





#13

Acrolein

Concen: 78.77 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampled :

VX0215WBSD01

Tot Ion: 56 Resp: 18656

Ion Ratio Lower Upper

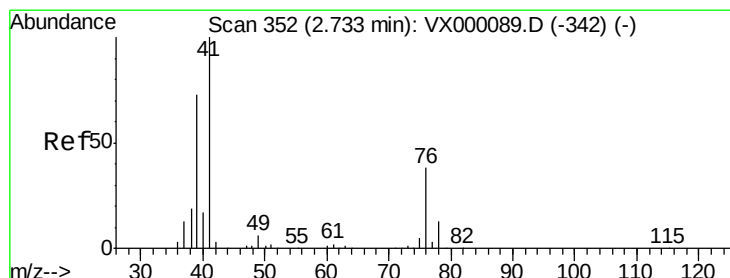
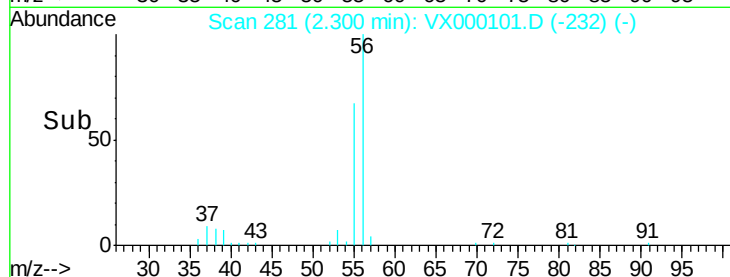
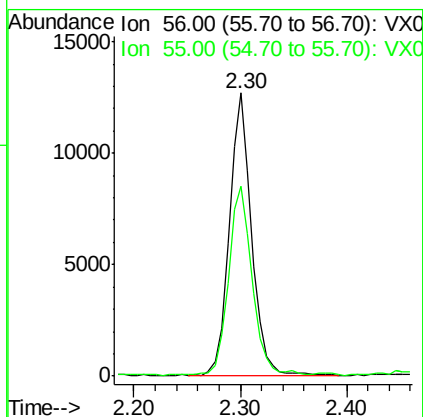
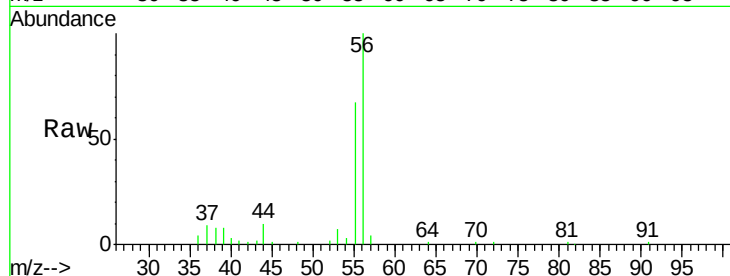
56 100

55 69.5 56.2 84.4

Manual Integrations  
APPROVED

sam

2/16/2018 4:51:11 PM



#14

Allyl chloride

Concen: 22.39 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

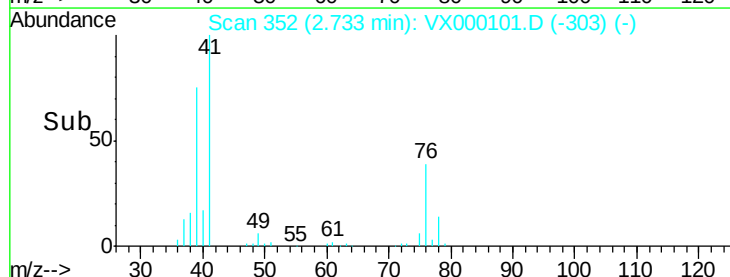
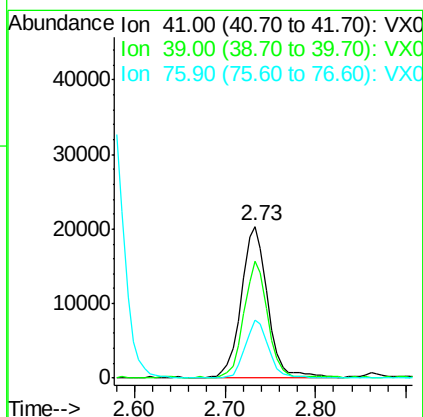
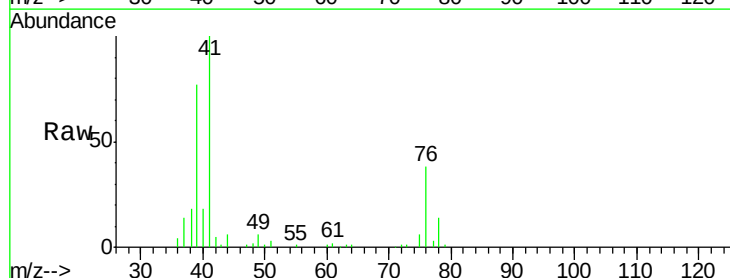
Tgt Ion: 41 Resp: 40446

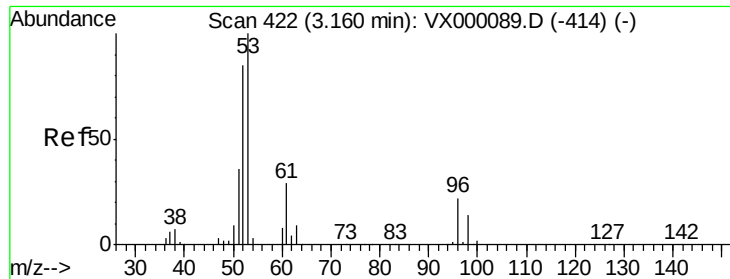
Ion Ratio Lower Upper

41 100

39 69.9 55.1 82.7

76 34.2 28.5 42.7





#15

Acrylonitrile

Concen: 111.55 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

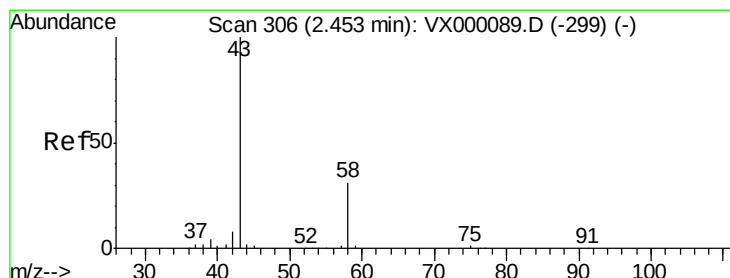
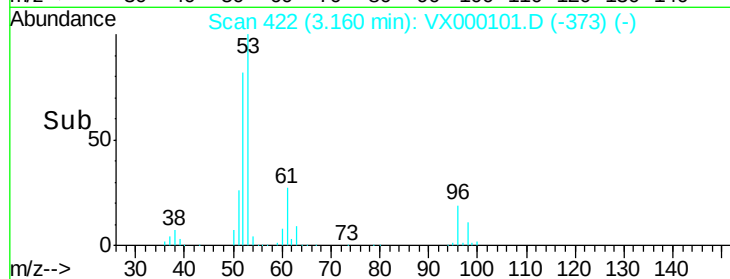
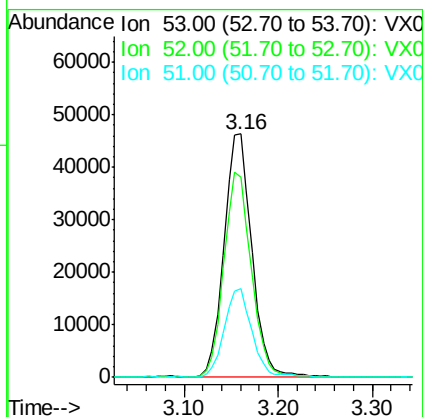
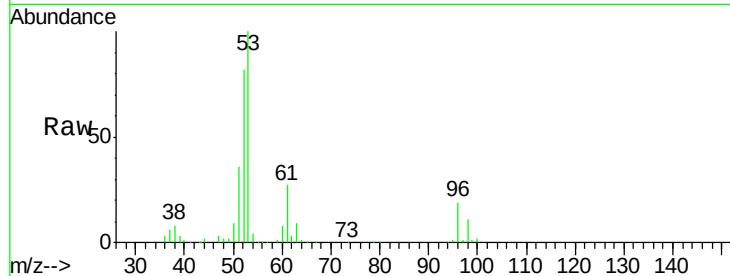
ClientSampled :

VX0215WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 94462 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 83.9  | 66.5  | 99.7  |
| 51        | 36.9  | 29.0  | 43.6  |

Manual Integrations  
APPROVED

sam  
2/16/2018 4:51:11 PM



#16

Acetone

Concen: 115.86 ug/l

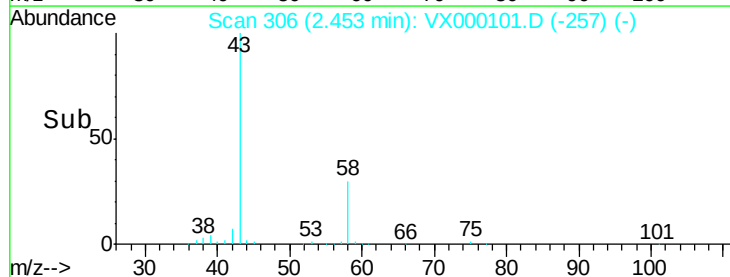
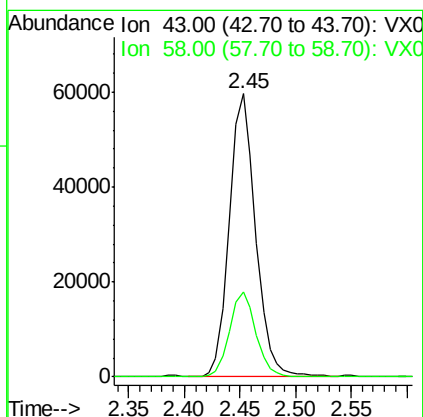
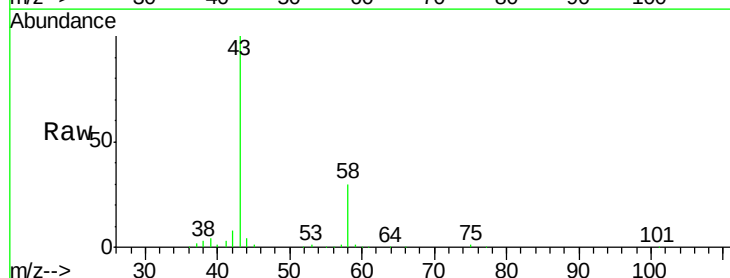
RT: 2.45 min Scan# 306

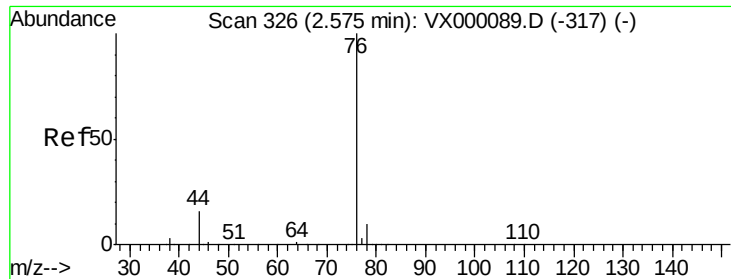
Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 96688 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 30.3  | 25.0  | 37.4  |





#17

Carbon Disulfide

Concen: 19.76 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampled :

VX0215WBSD01

Tot Ion: 76 Resp: 62769

Ion Ratio Lower Upper

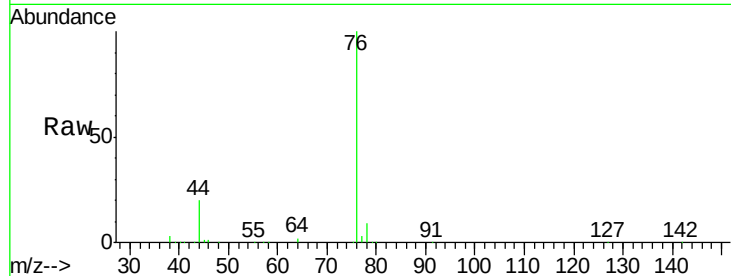
76 100

78 8.8 7.8 11.8

Manual Integrations  
APPROVED

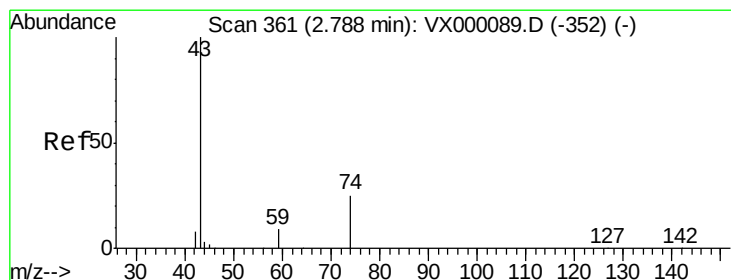
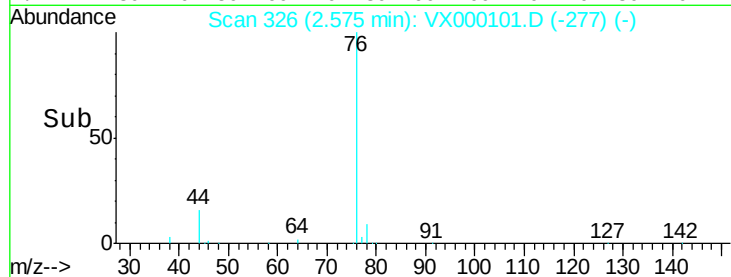
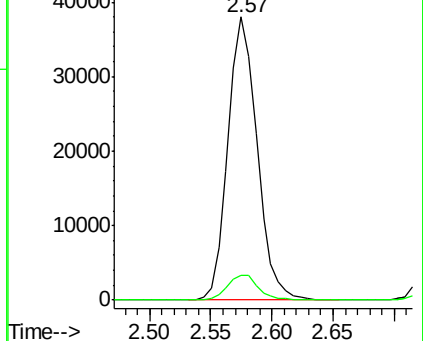
sam

2/16/2018 4:51:11 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.20 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000101.D

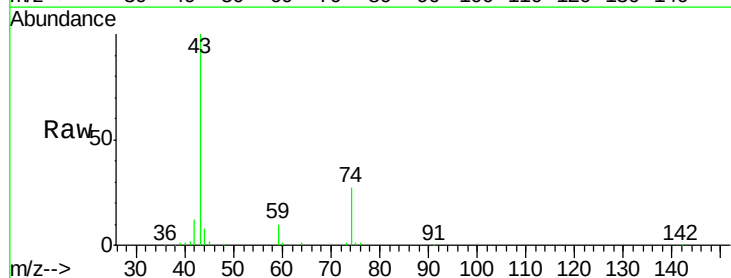
Acq: 15 Feb 2018 18:07

Tgt Ion: 43 Resp: 45405

Ion Ratio Lower Upper

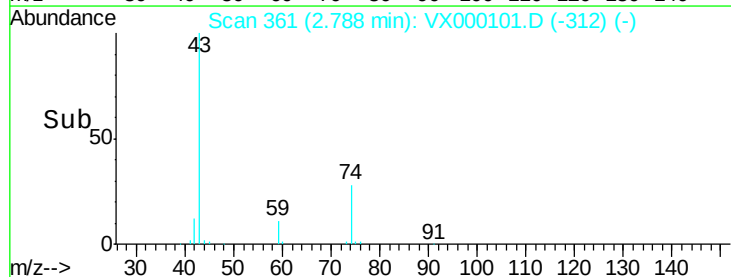
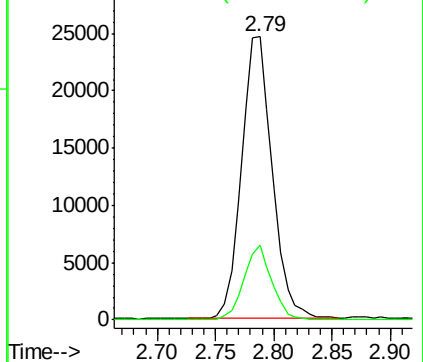
43 100

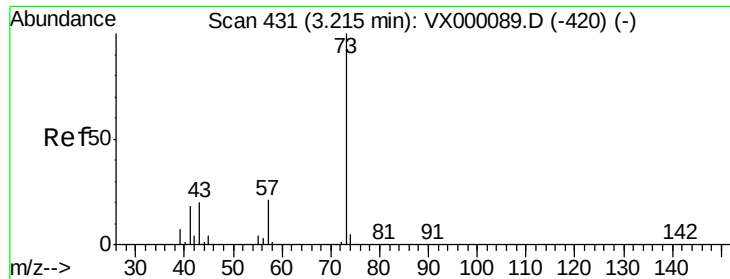
74 24.1 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





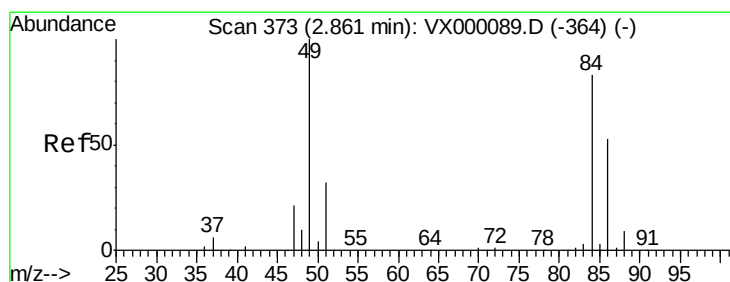
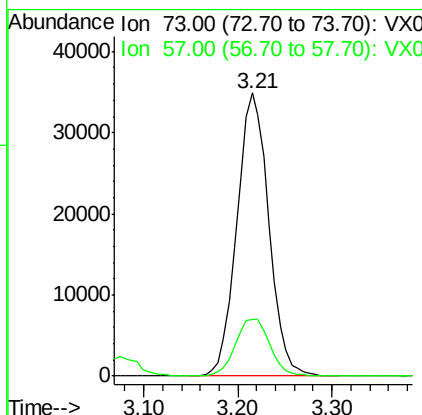
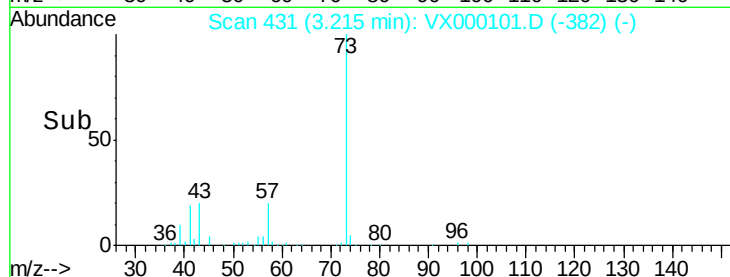
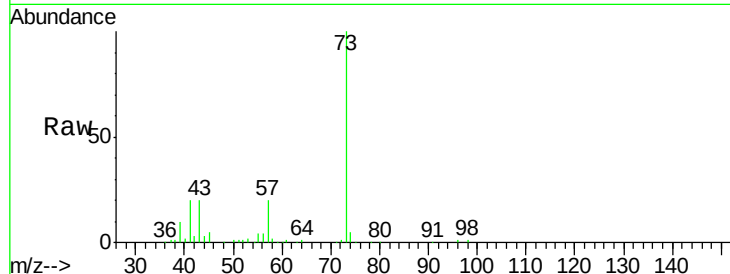
#19  
Methyl tert-butyl Ether  
Concen: 22.31 ug/l  
RT: 3.21 min Scan# 431  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampled :  
VX0215WBSD01

Tot Ion: 73 Resp: 82634  
Ion Ratio Lower Upper  
73 100  
57 20.0 16.4 24.6

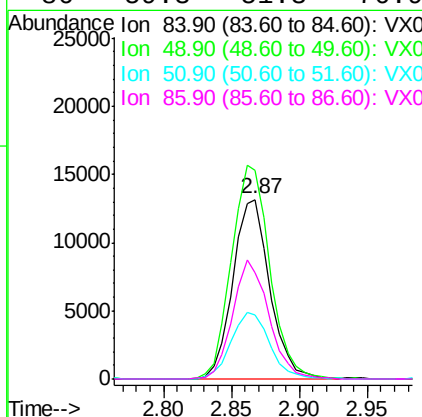
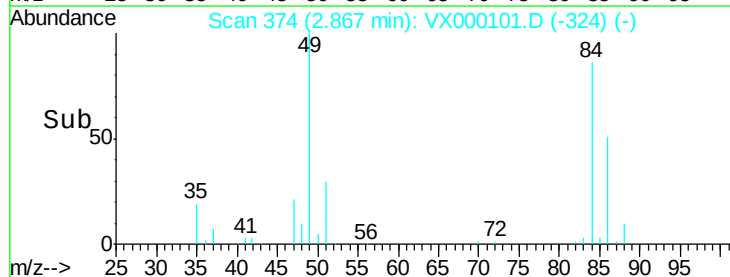
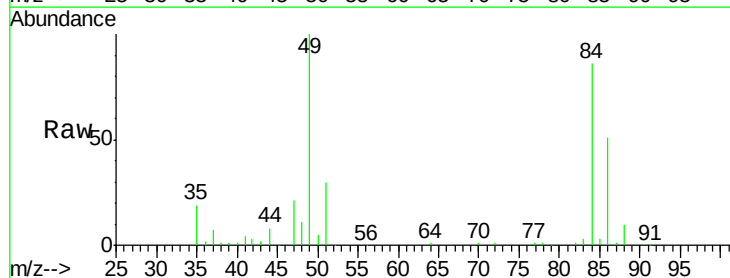
Manual Integrations  
APPROVED

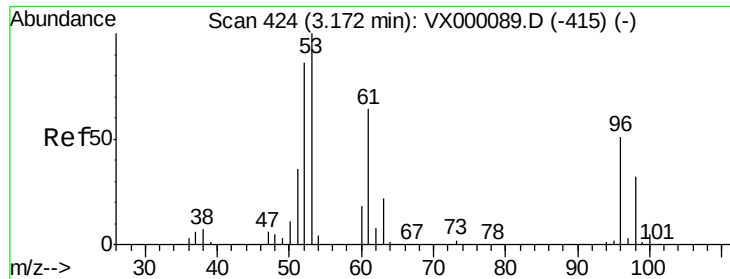
sam  
2/16/2018 4:51:11 PM



#20  
Methylene Chloride  
Concen: 22.60 ug/l  
RT: 2.87 min Scan# 374  
Delta R.T. 0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Tgt Ion: 84 Resp: 24984  
Ion Ratio Lower Upper  
84 100  
49 116.6 96.1 144.1  
51 35.5 30.5 45.7  
86 59.3 51.3 76.9





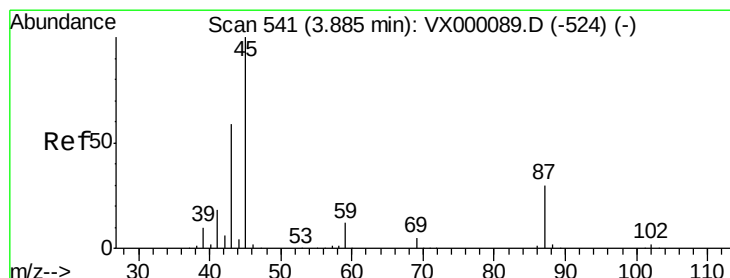
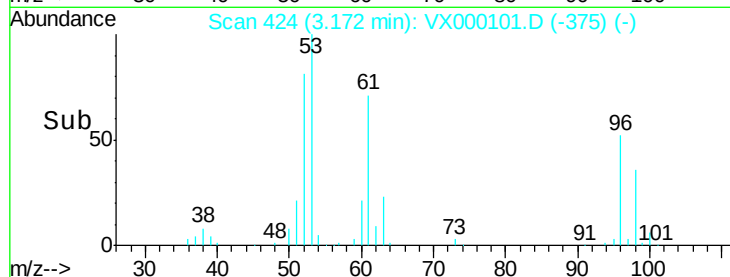
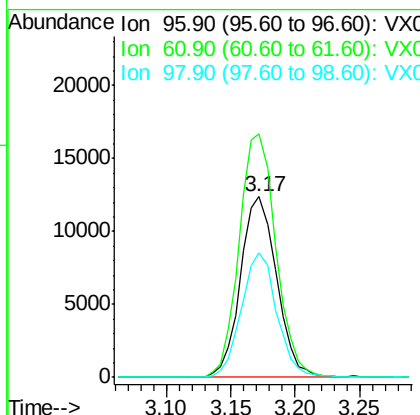
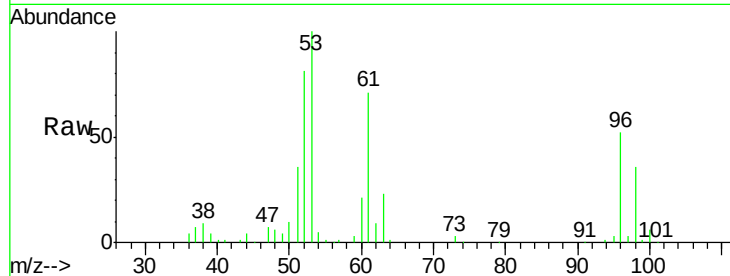
#21  
trans-1,2-Dichloroethene  
Concen: 20.65 ug/l  
RT: 3.17 min Scan# 424  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 134.7 | 100.3 | 150.5 |
| 98      | 69.1  | 50.6  | 75.8  |

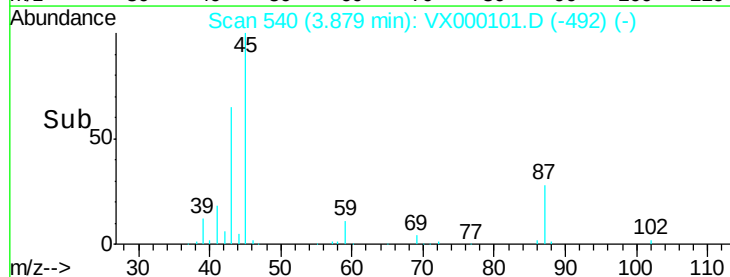
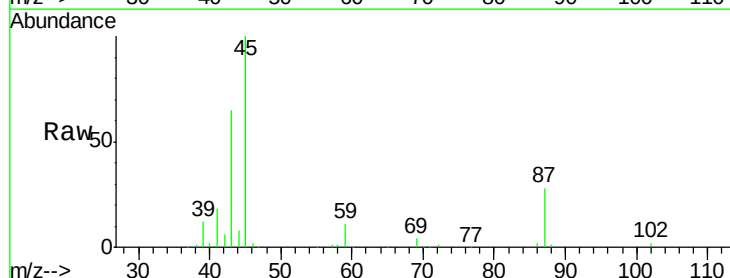
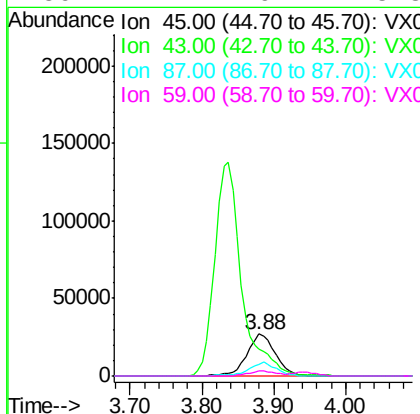
Manual Integrations  
APPROVED

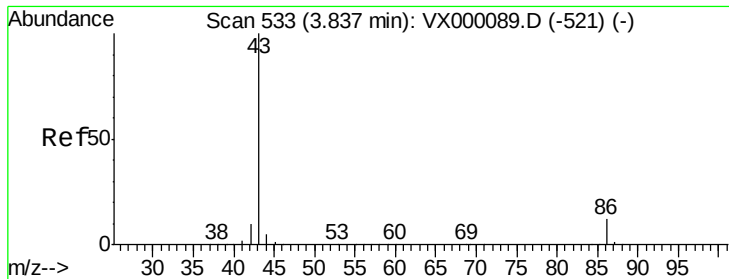
sam  
2/16/2018 4:51:11 PM



#22  
Diisopropyl ether  
Concen: 23.60 ug/l  
RT: 3.88 min Scan# 540  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 64.2  | 47.4  | 71.2  |
| 87      | 28.2  | 24.2  | 36.2  |
| 59      | 11.4  | 9.2   | 13.8  |





#23

Vinyl Acetate

Concen: 122.40 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampled :

VX0215WBSD01

Tot Ion: 43 Resp: 359020

Ion Ratio Lower Upper

43 100

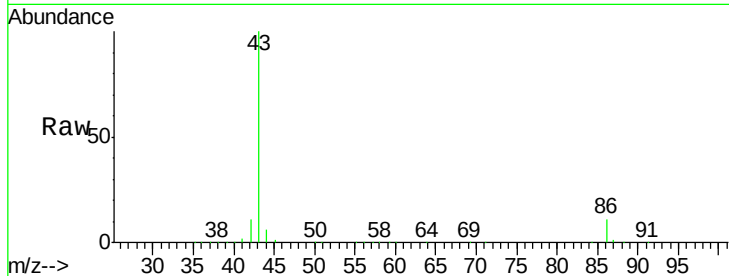
86 11.0 9.4 14.0

Manual Integrations

APPROVED

sam

2/16/2018 4:51:11 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

150000

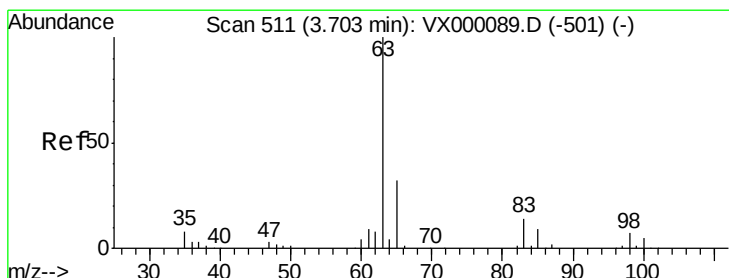
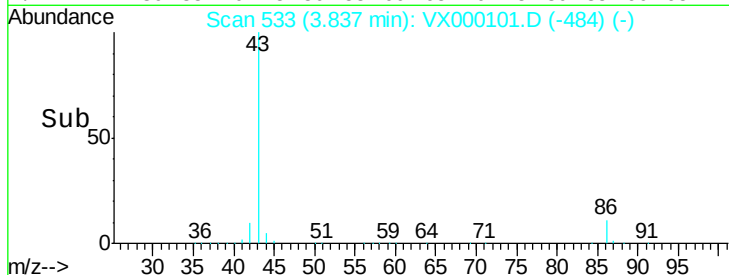
100000

50000

0

3.80 3.84 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 23.38 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

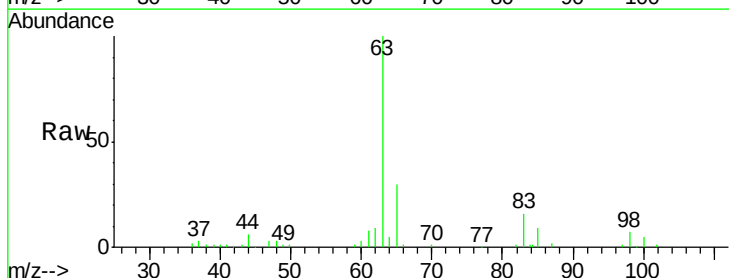
Tgt Ion: 63 Resp: 43719

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.7 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

25000

20000

15000

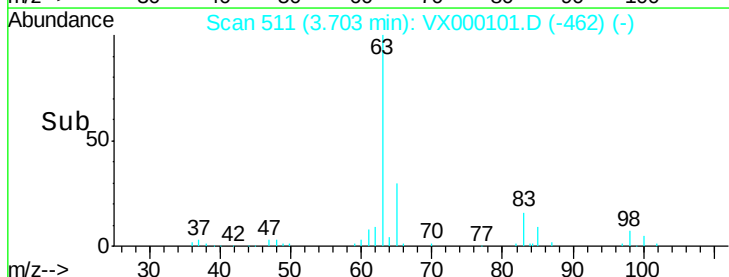
10000

5000

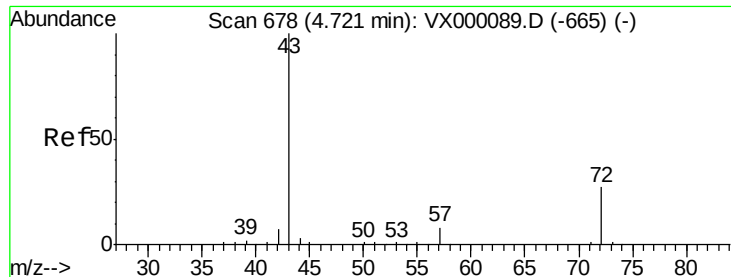
0

3.60 3.70 3.80

Time-->







#25

2-Butanone

Concen: 109.41 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampled :

VX0215WBSD01

Tot Ion: 43 Resp: 127468

Ion Ratio Lower Upper

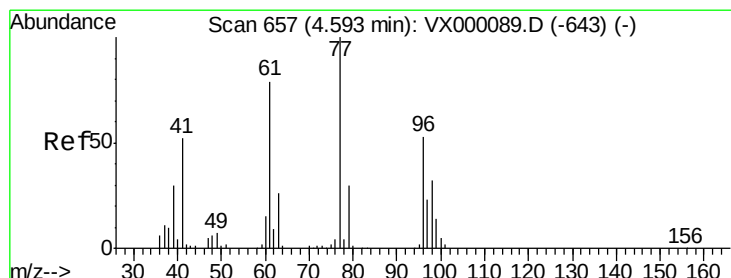
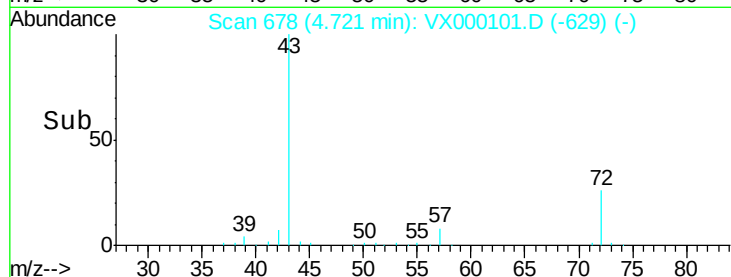
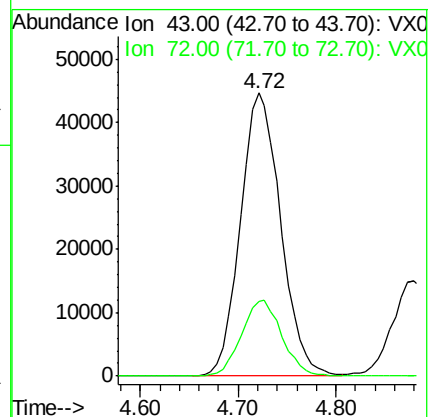
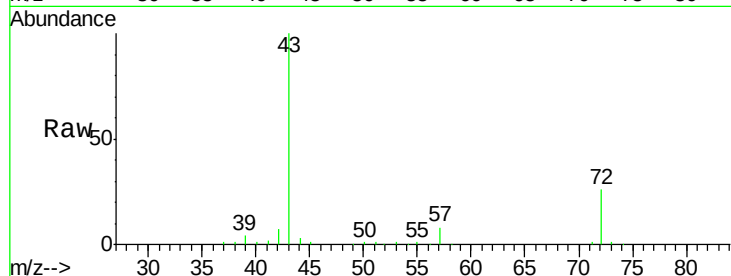
43 100

72 26.4 21.3 31.9

Manual Integrations  
APPROVED

sam

2/16/2018 4:51:11 PM



#26

2,2-Dichloropropane

Concen: 20.15 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000101.D

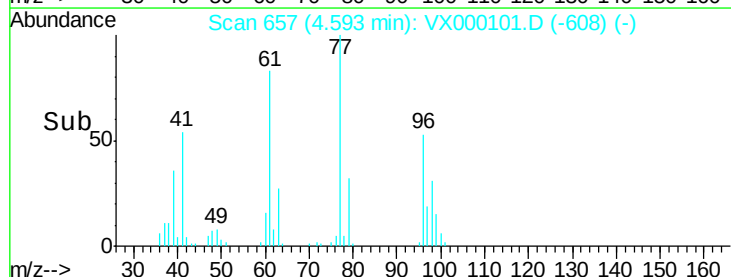
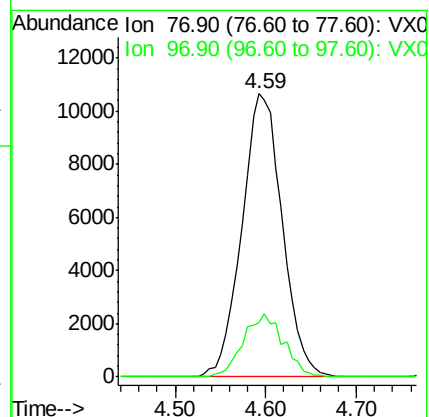
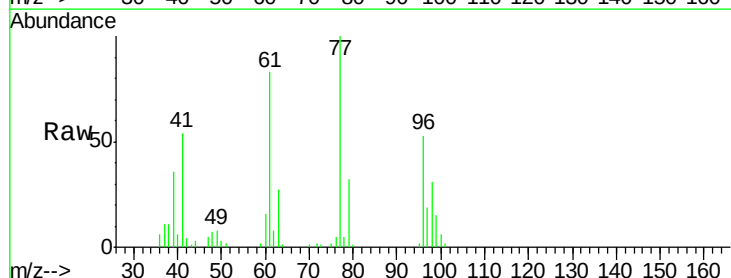
Acq: 15 Feb 2018 18:07

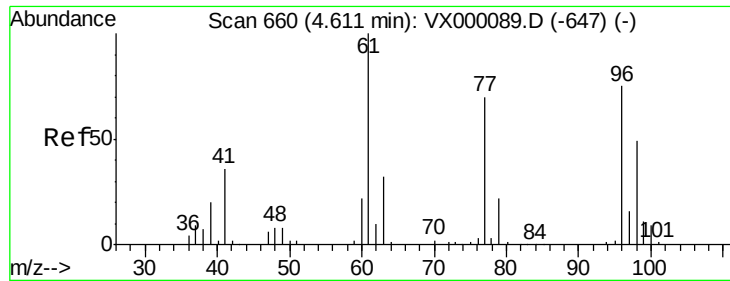
Tgt Ion: 77 Resp: 32762

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.04 ug/l

RT: 4.61 min Scan# 660

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

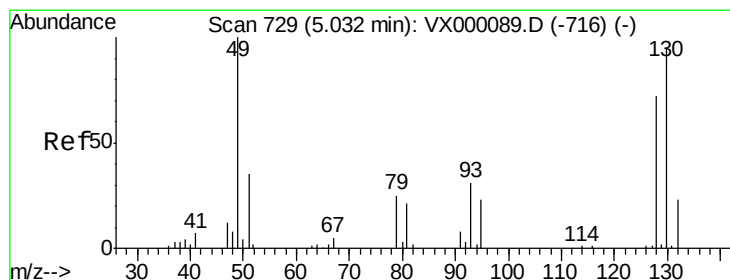
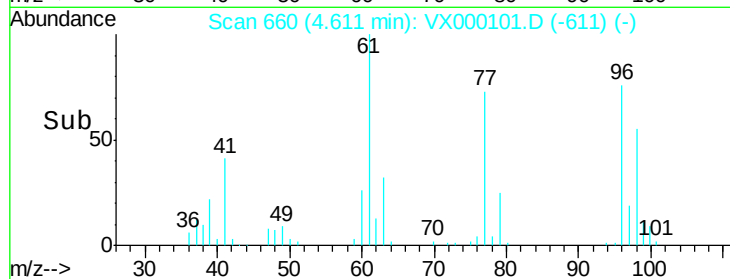
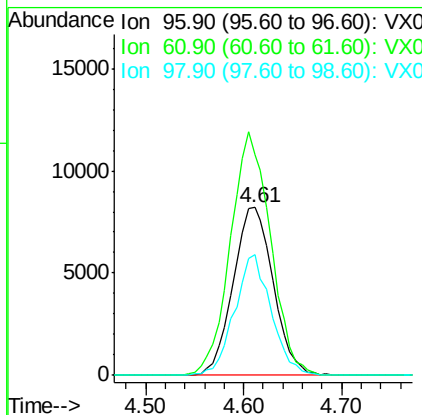
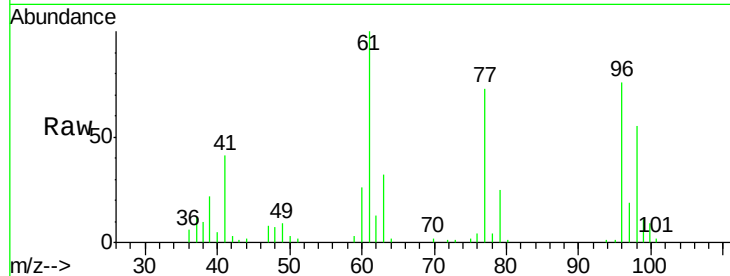
ClientSampled :

VX0215WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 23448 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 144.3 | 0.0   | 285.6 |
| 98       | 65.2  | 0.0   | 131.8 |

Manual Integrations  
APPROVED

sam  
2/16/2018 4:51:11 PM



#28

Bromochloromethane

Concen: 21.62 ug/l

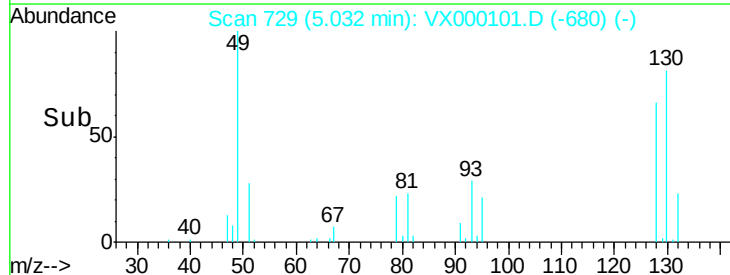
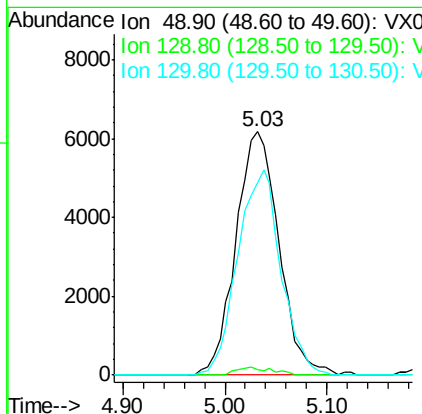
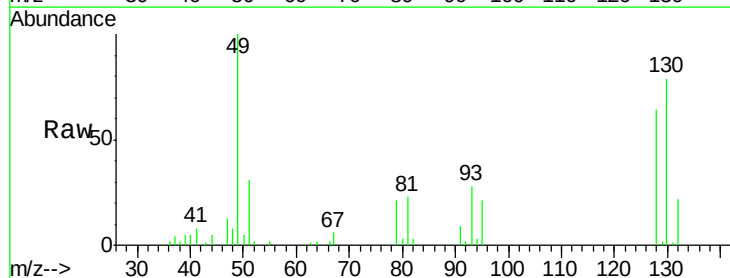
RT: 5.03 min Scan# 729

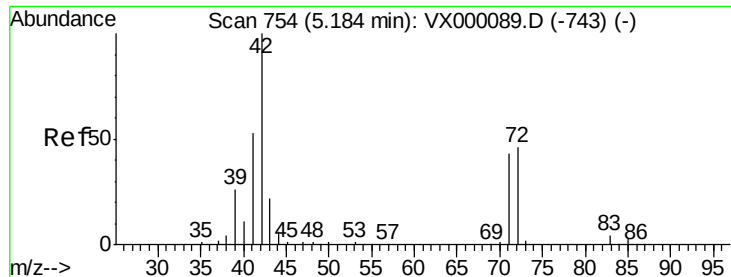
Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 18128 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.7   | 0.0   | 5.0   |
| 130      | 84.5  | 71.9  | 107.9 |





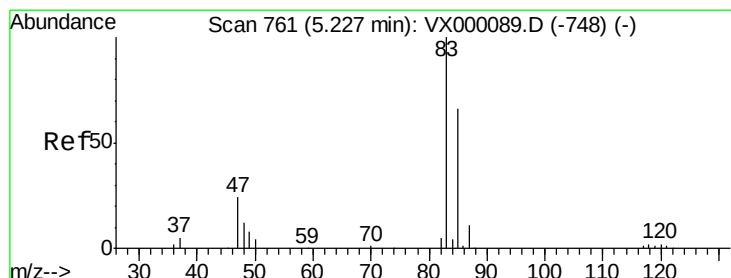
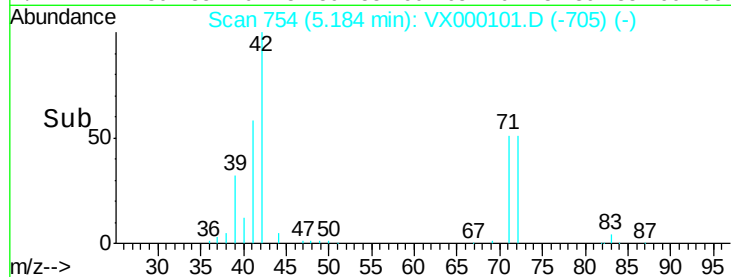
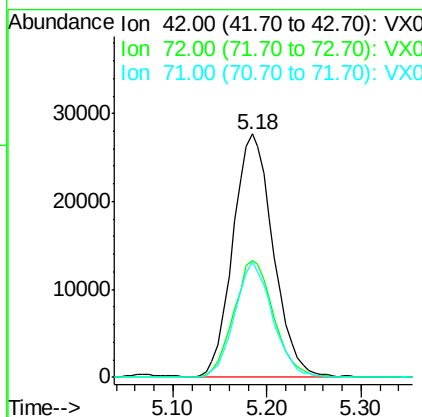
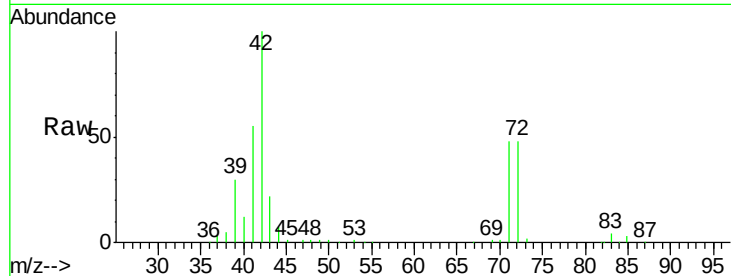
#29  
Tetrahydrofuran  
Concen: 108.34 ug/l  
RT: 5.18 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampled :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 47.9  | 38.6  | 58.0  |
| 71      | 44.9  | 36.2  | 54.4  |

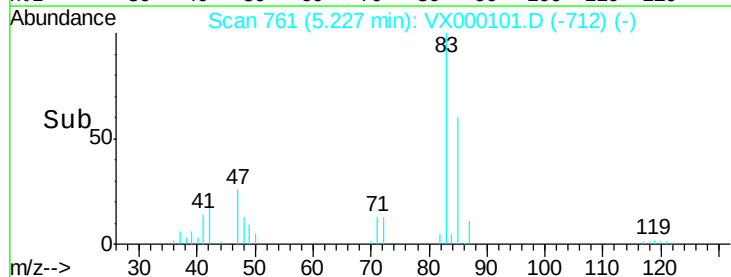
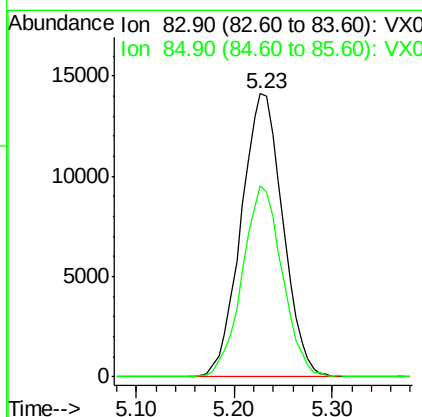
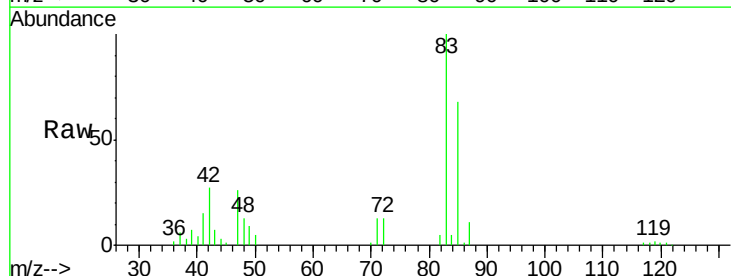
Manual Integrations  
APPROVED

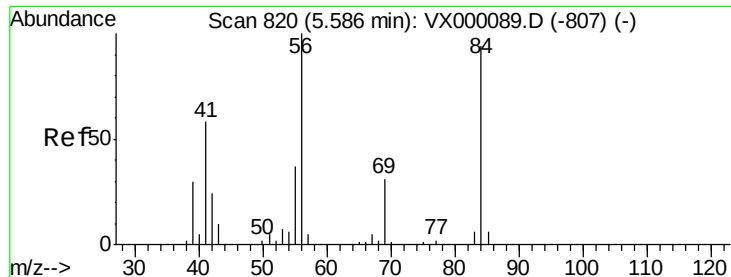
sam  
2/16/2018 4:51:11 PM



#30  
Chloroform  
Concen: 21.25 ug/l  
RT: 5.23 min Scan# 761  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 67.5  | 52.7  | 79.1  |





#31

Cyclohexane

Concen: 21.00 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

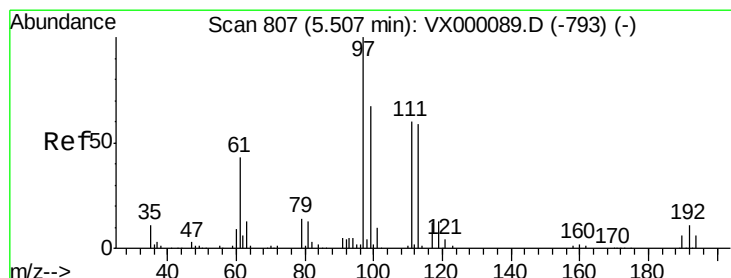
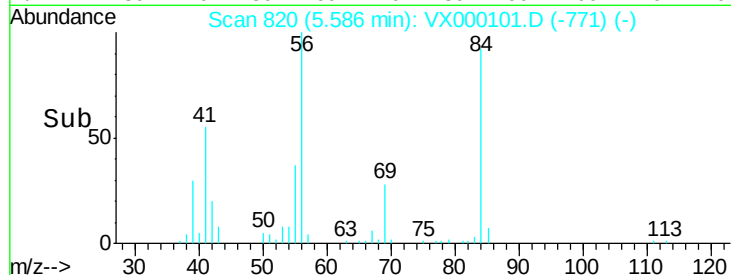
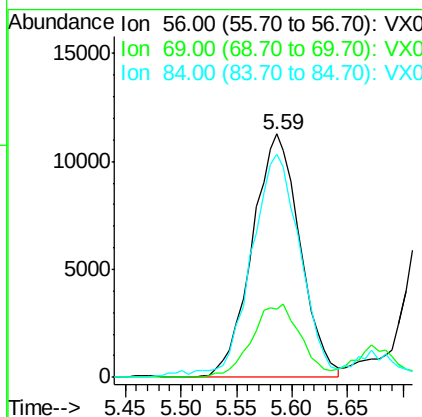
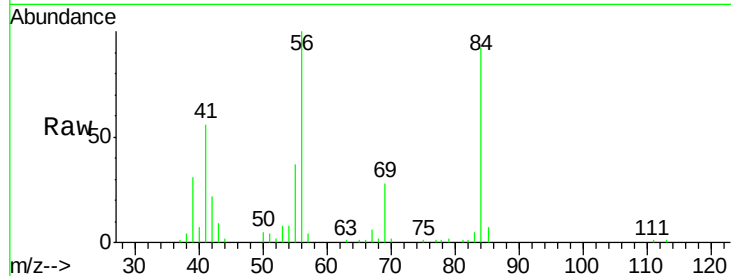
ClientSampled :

VX0215WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 56    | Resp: | 33761 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 27.8  | 24.9  | 37.3  |
| 84        | 90.2  | 75.0  | 112.4 |

Manual Integrations  
APPROVED

sam  
2/16/2018 4:51:11 PM



#32

1,1,1-Trichloroethane

Concen: 20.88 ug/l

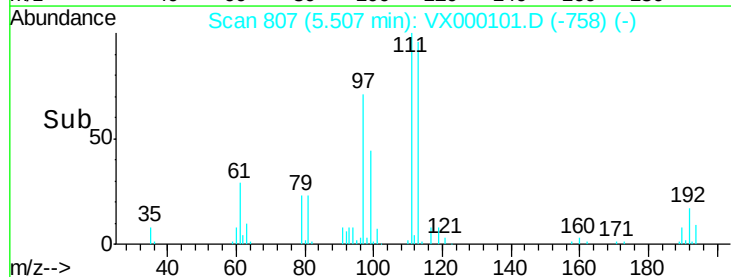
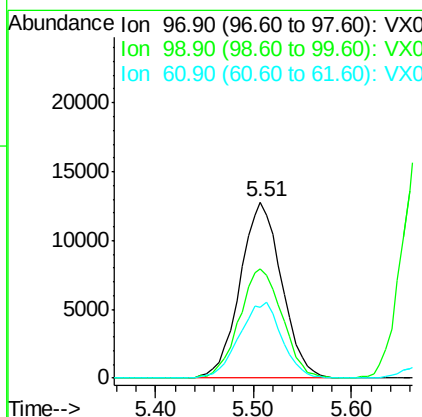
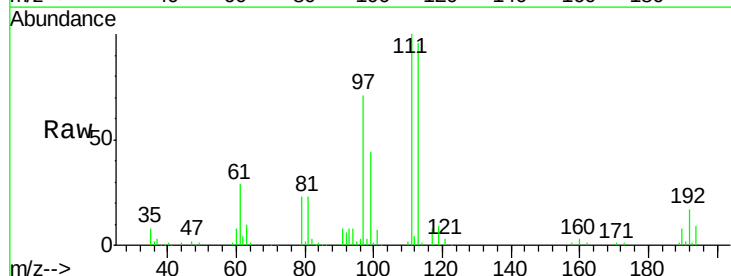
RT: 5.51 min Scan# 807

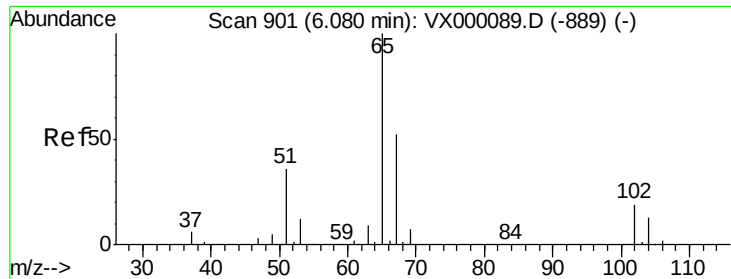
Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 37809 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 64.0  | 51.1  | 76.7  |
| 61        | 44.0  | 33.4  | 50.0  |





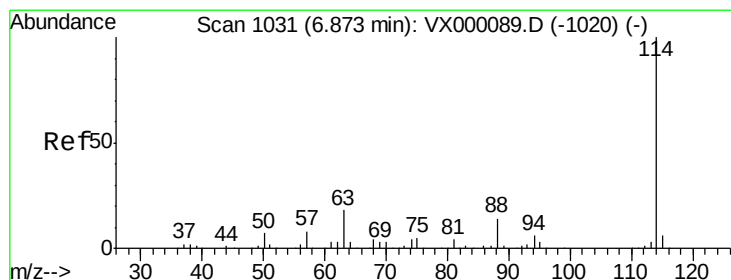
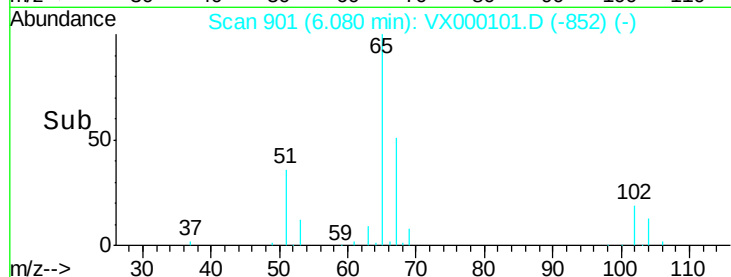
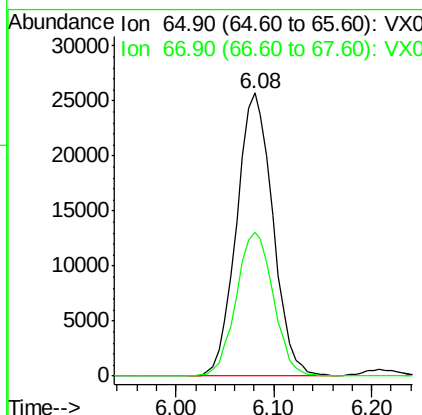
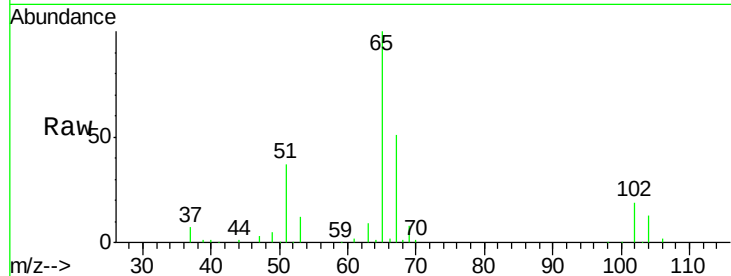
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.50 ug/l  
 RT: 6.08 min Scan# 901  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

Instrument :  
 ClientSampled :  
 VX0215WBSD01

Tot Ion: 65 Resp: 66271  
 Ion Ratio Lower Upper  
 65 100  
 67 52.2 0.0 104.8

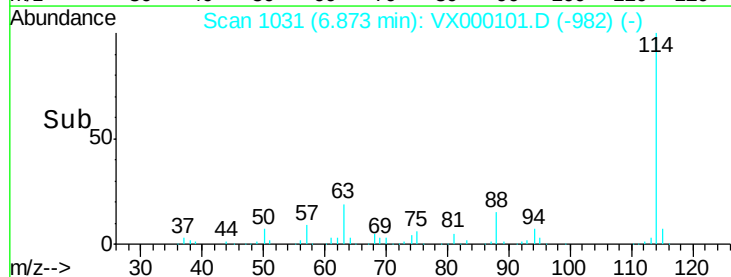
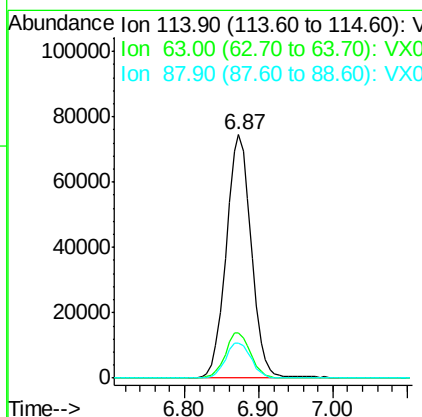
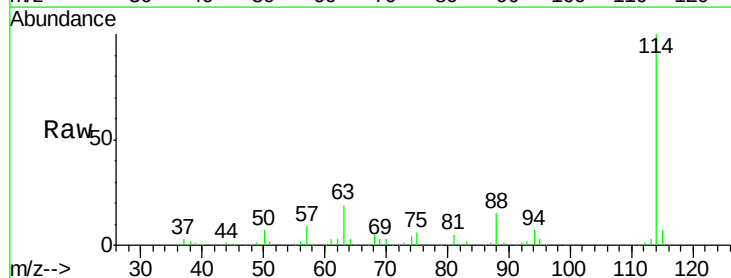
Manual Integrations  
 APPROVED

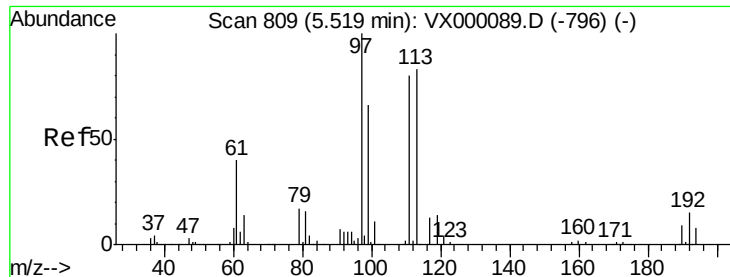
sam  
 2/16/2018 4:51:11 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1031  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

Tgt Ion: 114 Resp: 175521  
 Ion Ratio Lower Upper  
 114 100  
 63 18.7 0.0 36.4  
 88 14.6 0.0 29.0





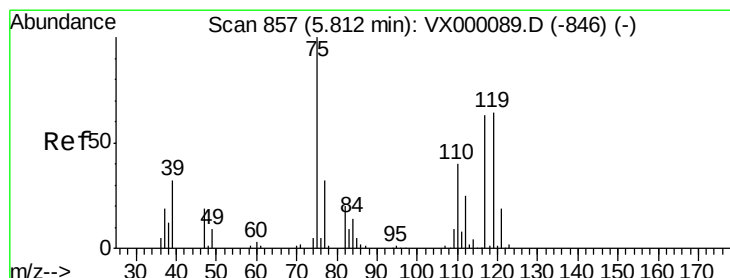
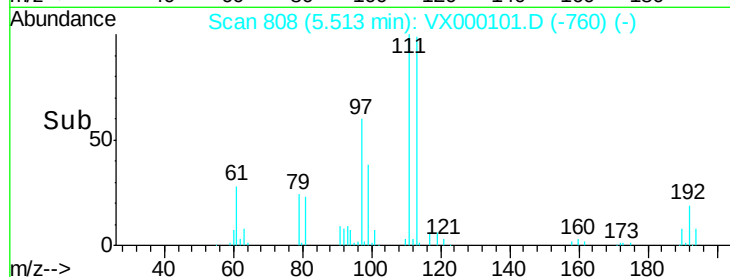
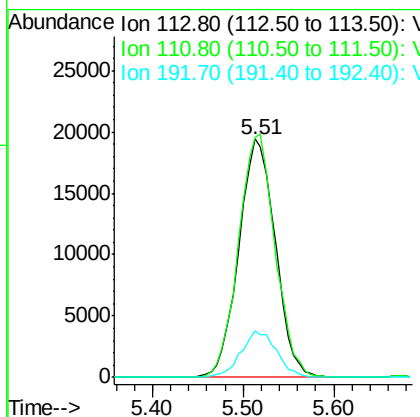
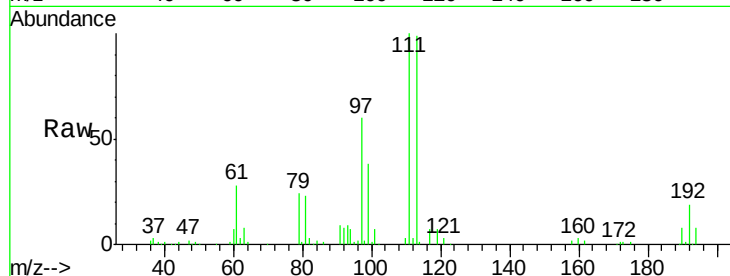
#35  
 Dibromofluoromethane  
 Concen: 48.97 ug/l  
 RT: 5.51 min Scan# 808  
 Delta R.T. -0.01 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

Instrument :  
 ClientSampleId :  
 VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.8 | 81.0  | 121.6 |
| 192     | 18.9  | 15.7  | 23.5  |

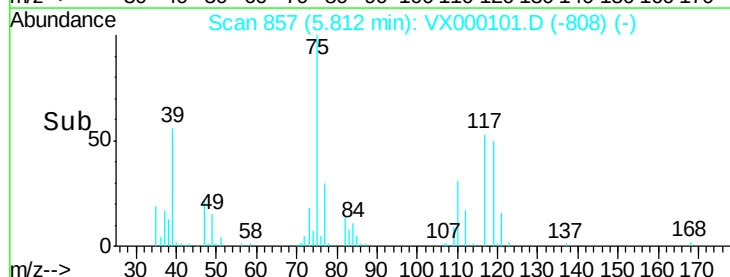
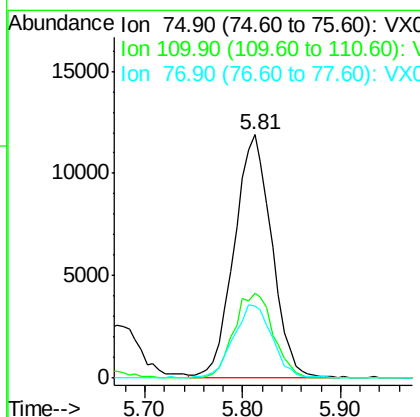
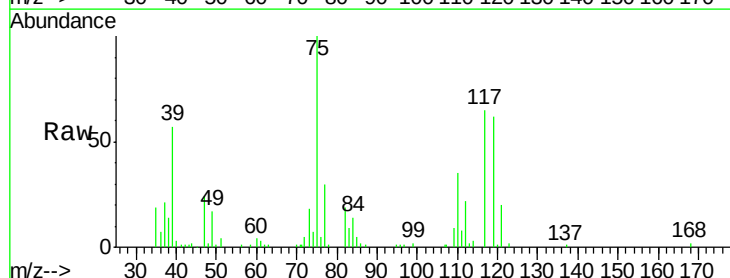
Manual Integrations  
 APPROVED

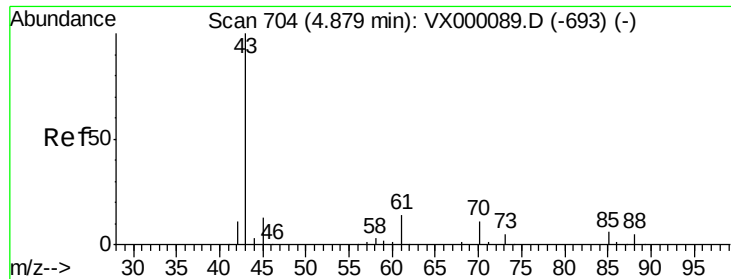
sam  
 2/16/2018 4:51:11 PM



#36  
 1,1-Dichloropropene  
 Concen: 20.14 ug/l  
 RT: 5.81 min Scan# 857  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.2  | 19.5  | 58.5  |
| 77      | 31.3  | 24.7  | 37.1  |





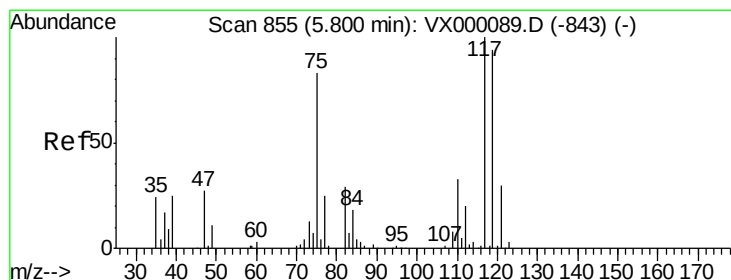
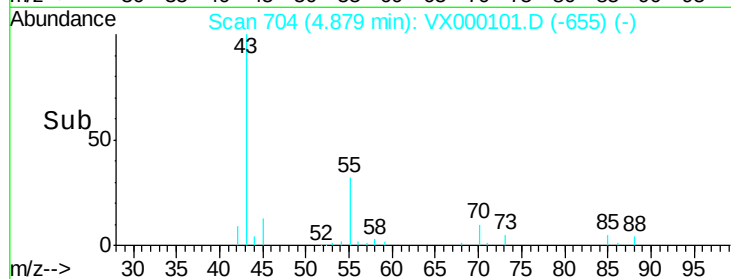
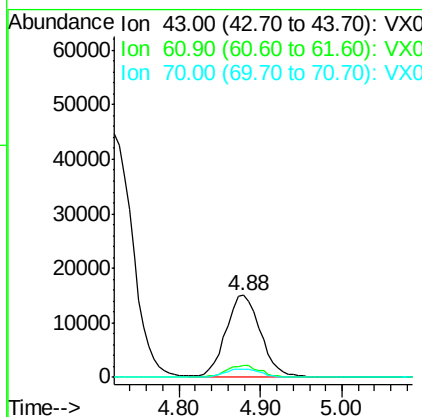
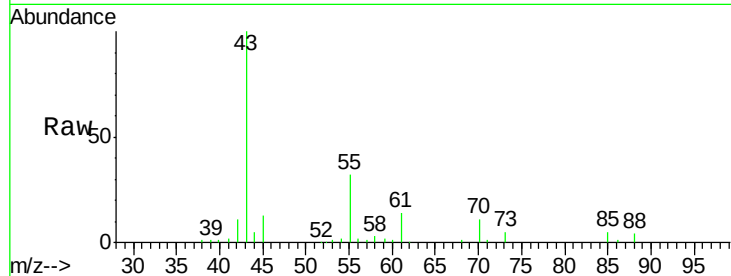
#37  
Ethyl Acetate  
Concen: 20.53 ug/l  
RT: 4.88 min Scan# 704  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampled :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.9  | 11.5  | 17.3  |
| 70      | 9.9   | 9.0   | 13.4  |

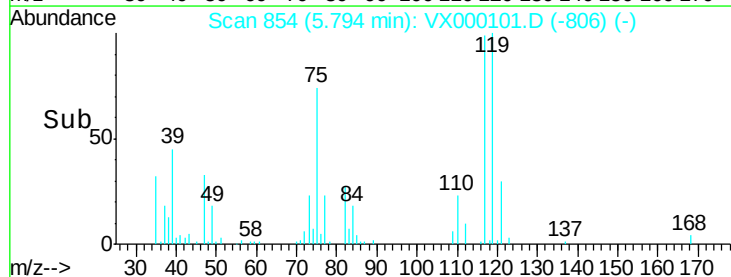
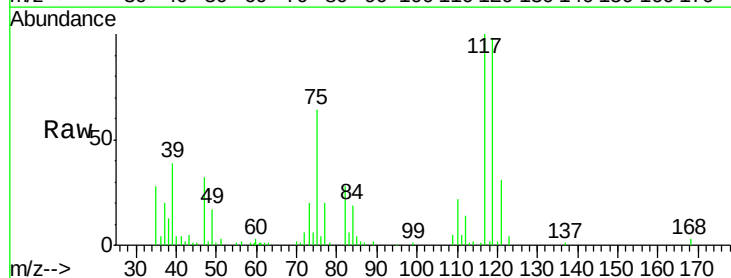
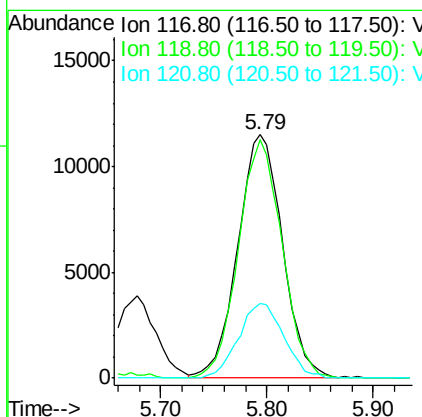
Manual Integrations  
APPROVED

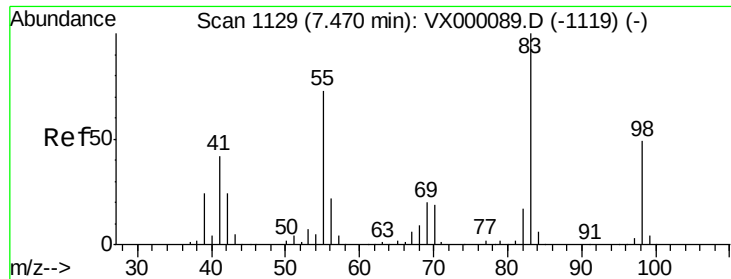
sam  
2/16/2018 4:51:11 PM



#38  
Carbon Tetrachloride  
Concen: 19.95 ug/l  
RT: 5.79 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.7  | 75.3  | 112.9 |
| 121     | 30.9  | 23.7  | 35.5  |





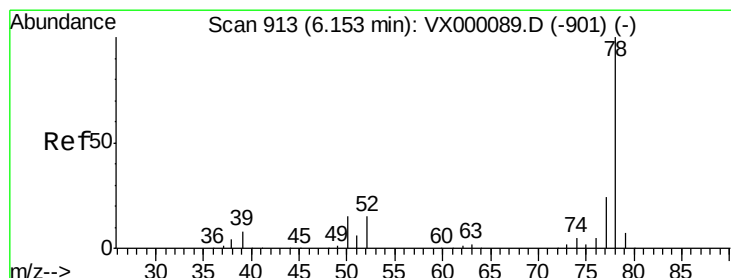
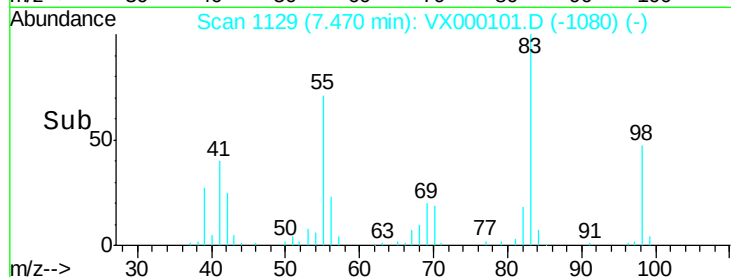
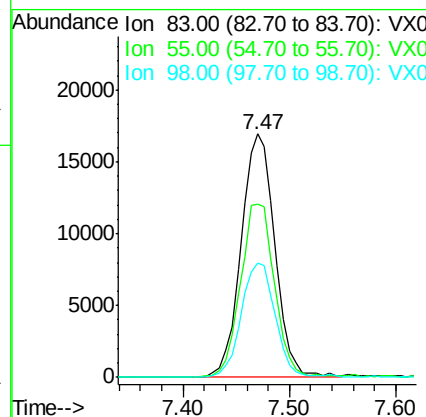
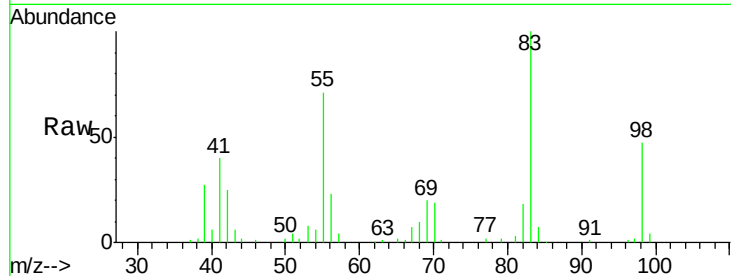
#39  
Methylvlcyclohexane  
Concen: 19.92 ug/l  
RT: 7.47 min Scan# 1129  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | 83.00 | Resp: | 37782 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 83      | 100   |       |       |
| 55      | 71.3  | 58.2  | 87.2  |
| 98      | 46.8  | 39.0  | 58.6  |

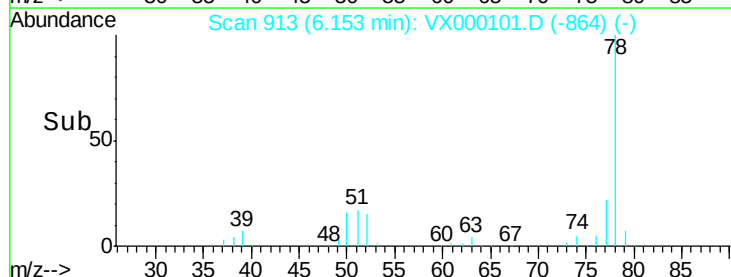
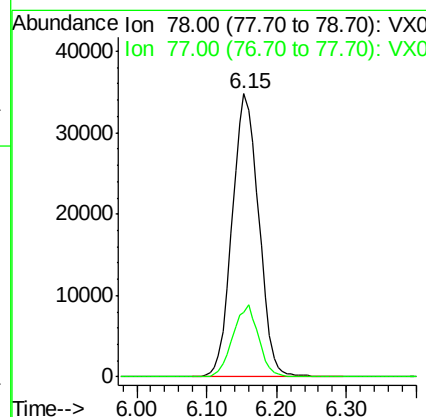
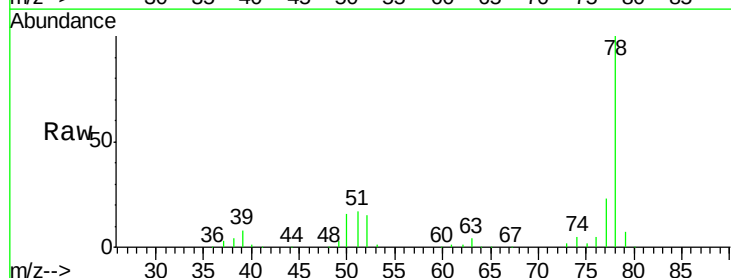
Manual Integrations  
APPROVED

sam  
2/16/2018 4:51:11 PM

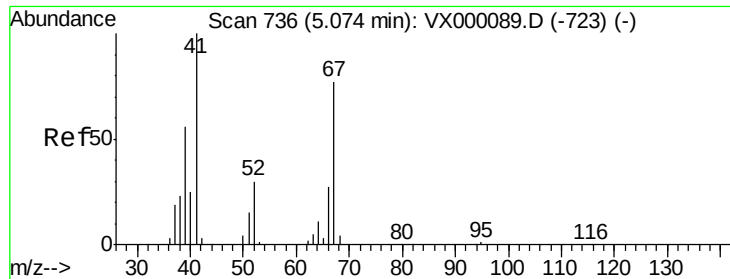


#40  
Benzene  
Concen: 20.44 ug/l  
RT: 6.15 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

| Tgt Ion | 78    | Resp: | 92007 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 78      | 100   |       |       |
| 77      | 22.6  | 19.4  | 29.0  |







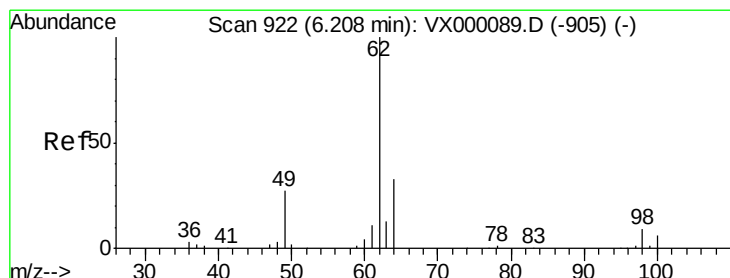
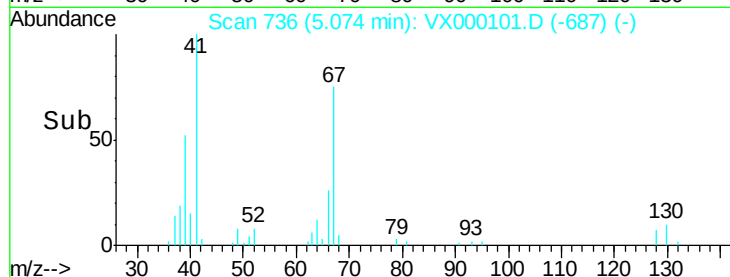
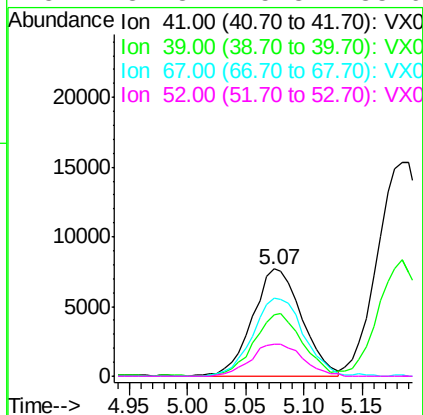
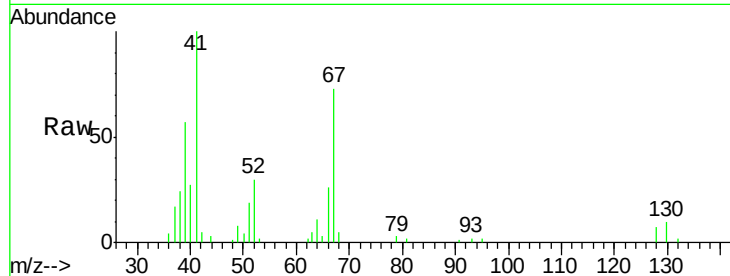
#41  
Methacrylonitrile  
Concen: 21.40 ug/l  
RT: 5.07 min Scan# 736  
Delta R.T. 0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampleId :  
VX0215WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 41    | Resp: | 22534 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 57.7  | 45.1  | 67.7  |
| 67        | 75.6  | 61.0  | 91.4  |
| 52        | 31.8  | 25.8  | 38.6  |

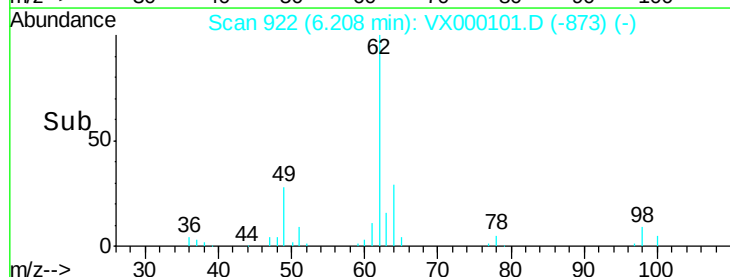
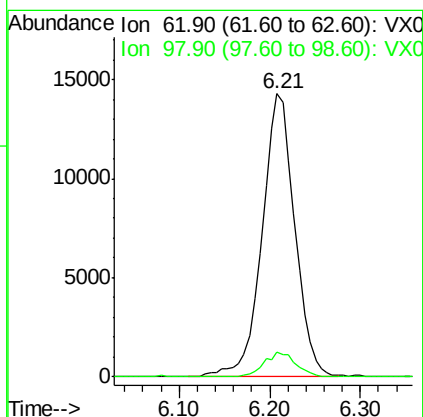
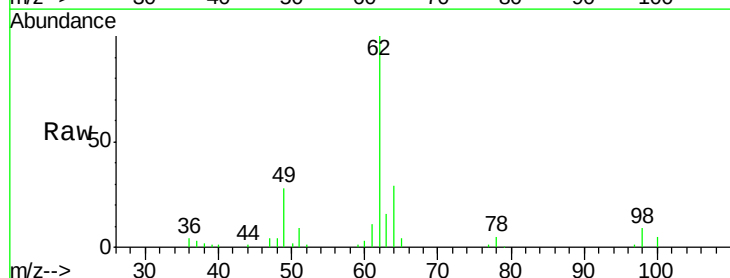
Manual Integrations  
APPROVED

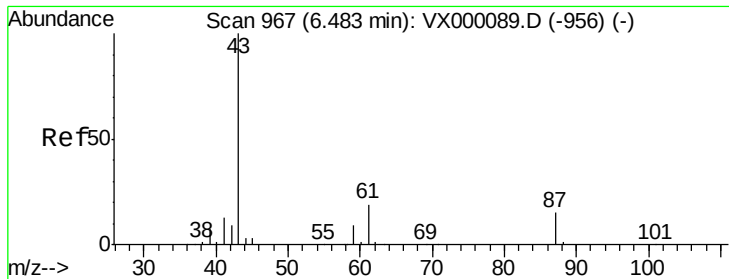
sam  
2/16/2018 4:51:11 PM



#42  
1,2-Dichloroethane  
Concen: 21.56 ug/l  
RT: 6.21 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 35593 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 8.3   | 0.0   | 17.8  |





#43

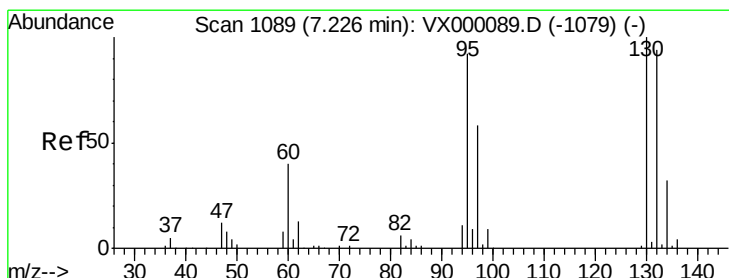
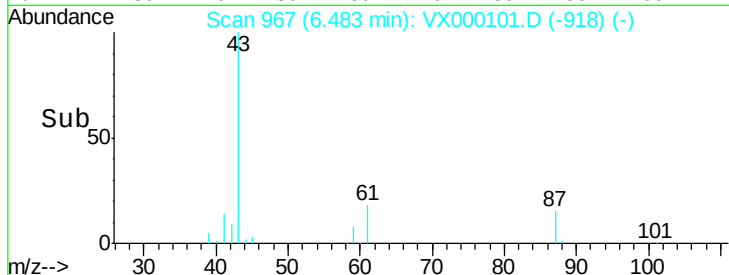
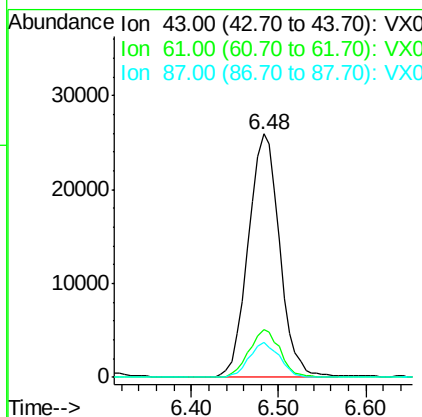
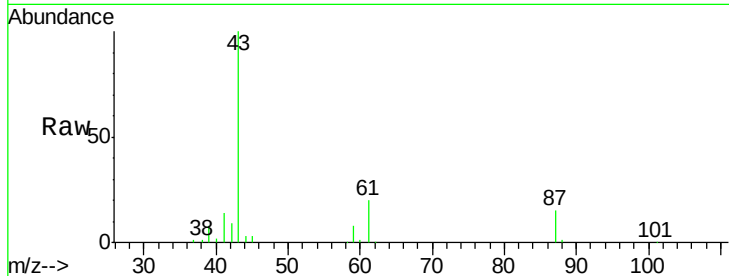
Isopropyl Acetate  
 Concen: 20.78 ug/l  
 RT: 6.48 min Scan# 967  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

Instrument :  
 ClientSampleId :  
 VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.4  | 15.6  | 23.4  |
| 87      | 13.9  | 11.7  | 17.5  |

Manual Integrations  
 APPROVED

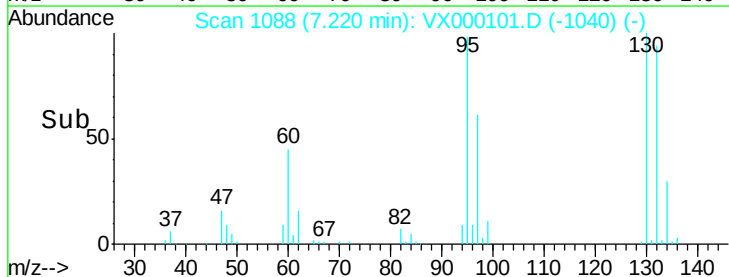
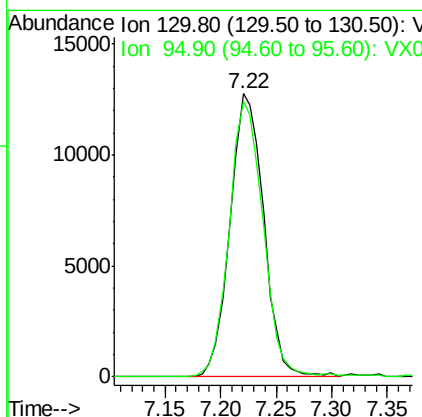
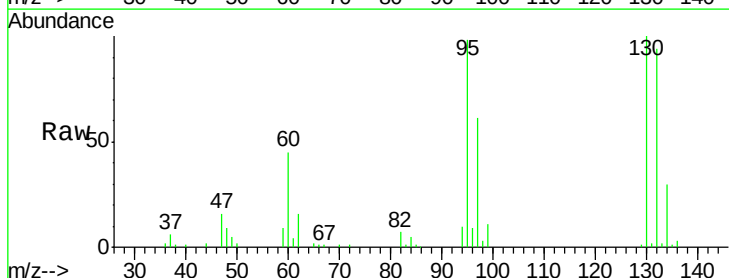
sam  
 2/16/2018 4:51:11 PM

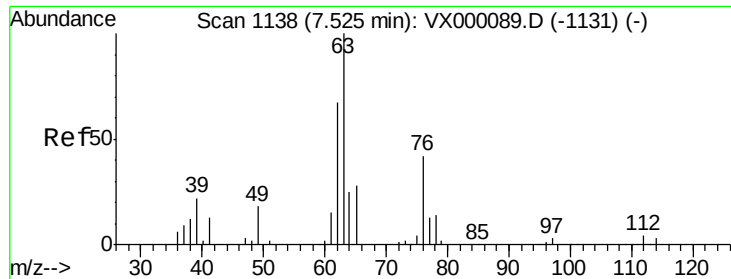


#44

Trichloroethene  
 Concen: 20.16 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. -0.01 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 97.6  | 0.0   | 183.4 |





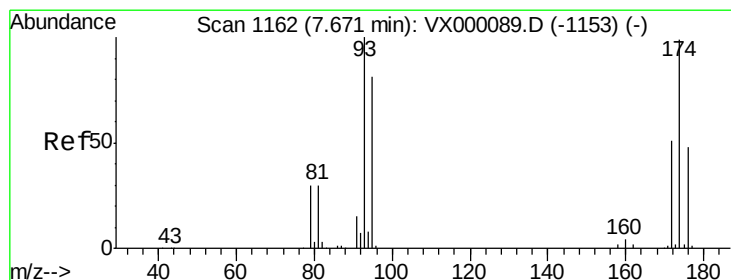
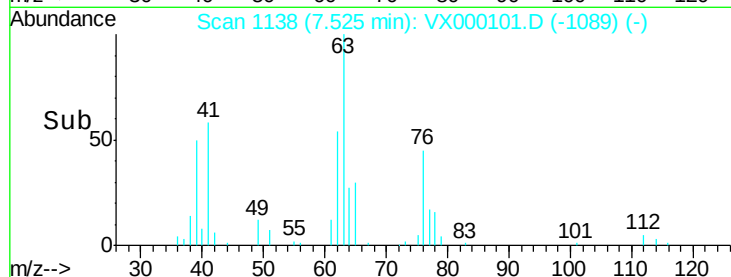
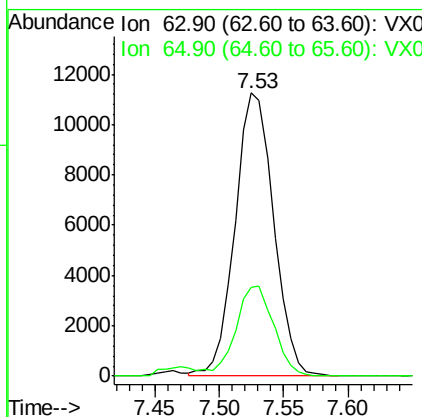
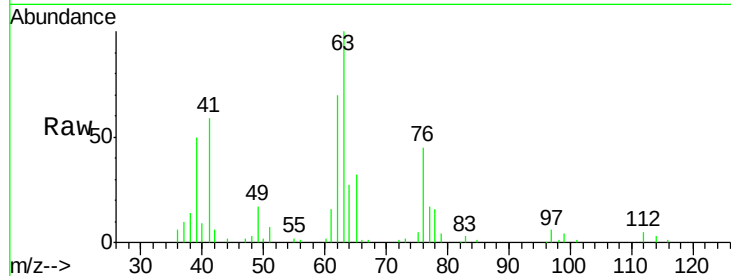
#45  
 1,2-Dichloropropane  
 Concen: 21.22 ug/l  
 RT: 7.53 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

Instrument :  
 ClientSampled :  
 VX0215WBSD01

Tot Ion: 63 Resp: 23408  
 Ion Ratio Lower Upper  
 63 100  
 65 31.6 23.8 35.8

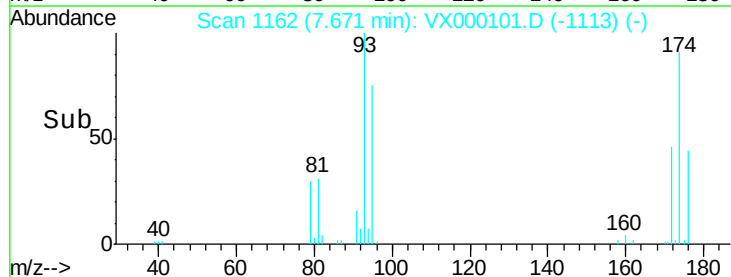
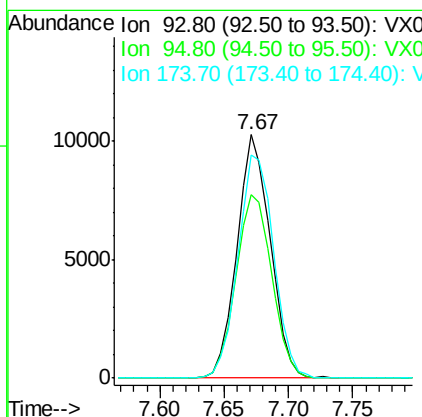
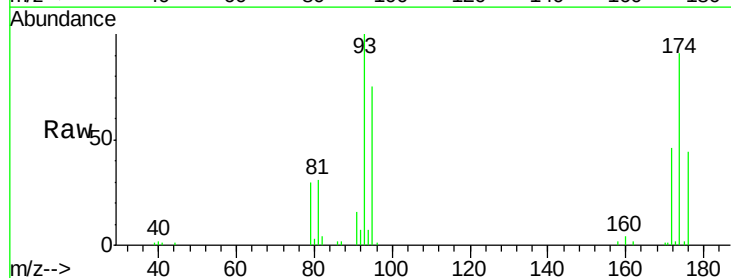
Manual Integrations  
 APPROVED

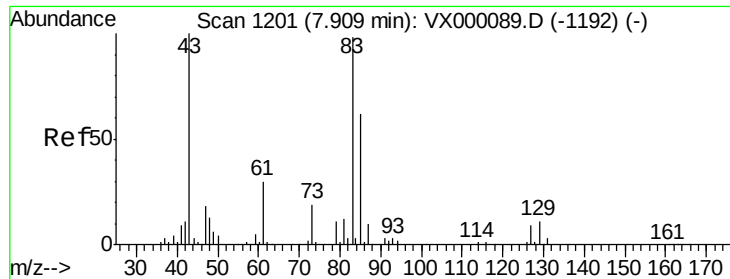
sam  
 2/16/2018 4:51:11 PM



#46  
 Dibromomethane  
 Concen: 21.30 ug/l  
 RT: 7.67 min Scan# 1162  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

Tgt Ion: 93 Resp: 18330  
 Ion Ratio Lower Upper  
 93 100  
 95 81.1 65.0 97.6  
 174 98.2 83.1 124.7





#47

Bromodichloromethane

Concen: 20.83 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

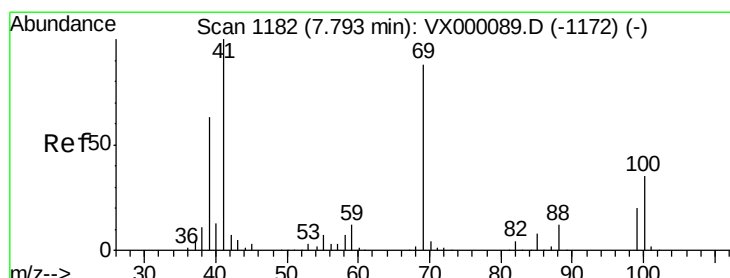
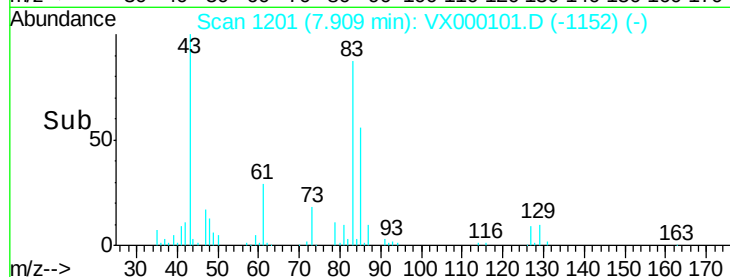
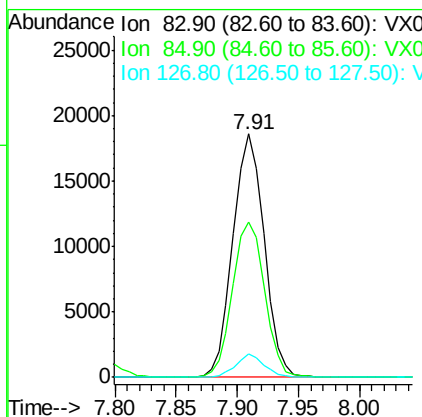
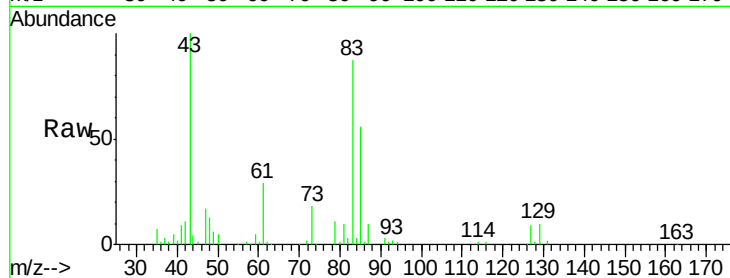
ClientSampled :

VX0215WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 33120 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.9  | 50.4  | 75.6  |
| 127      | 9.9   | 7.2   | 10.8  |

Manual Integrations  
APPROVED

sam  
2/16/2018 4:51:11 PM



#48

Methyl methacrylate

Concen: 20.55 ug/l

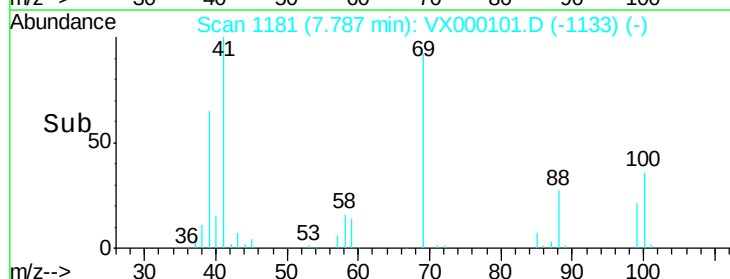
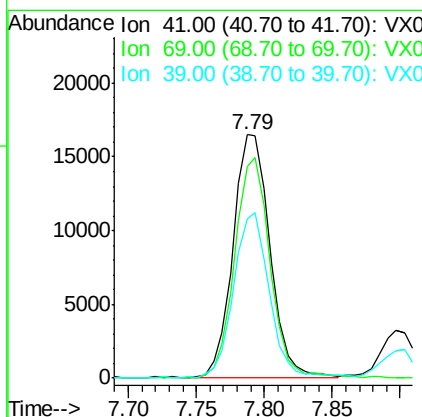
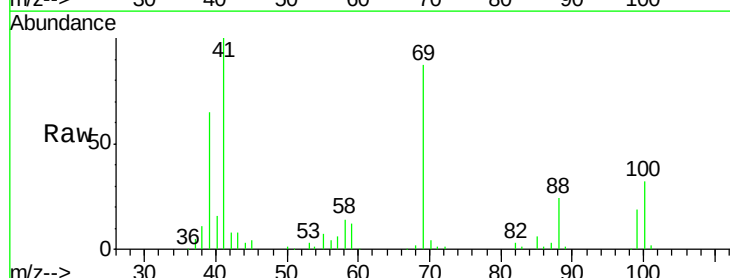
RT: 7.79 min Scan# 1181

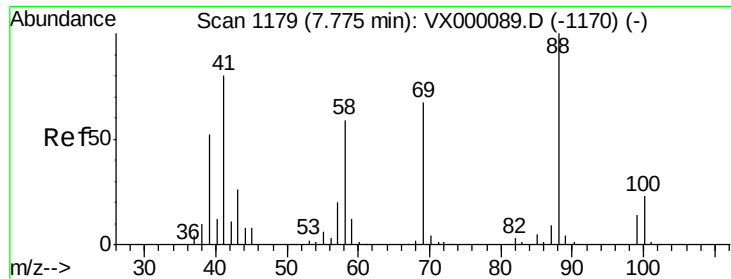
Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 31439 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 87.0  | 70.2  | 105.4 |
| 39       | 64.9  | 51.0  | 76.6  |





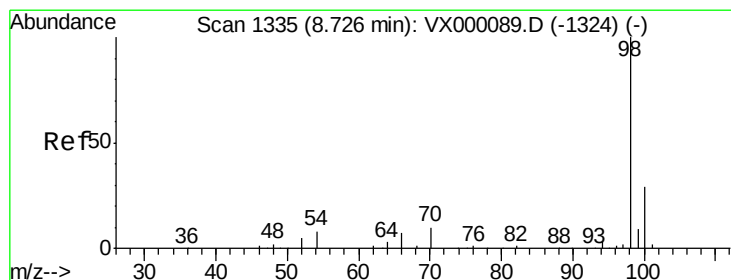
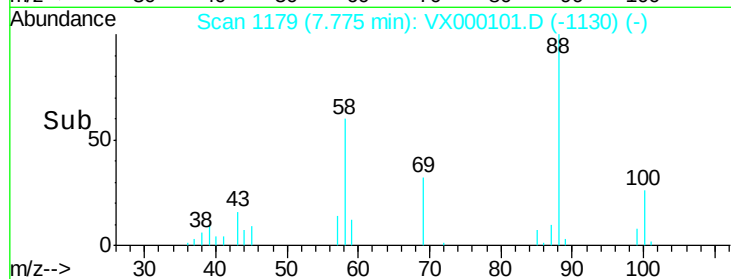
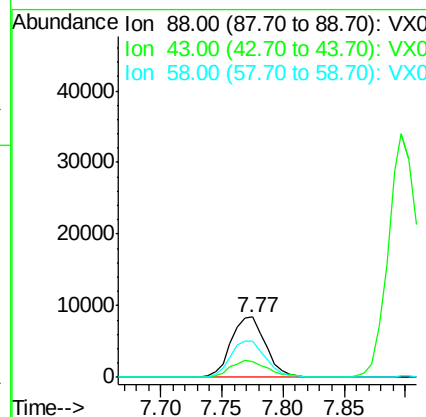
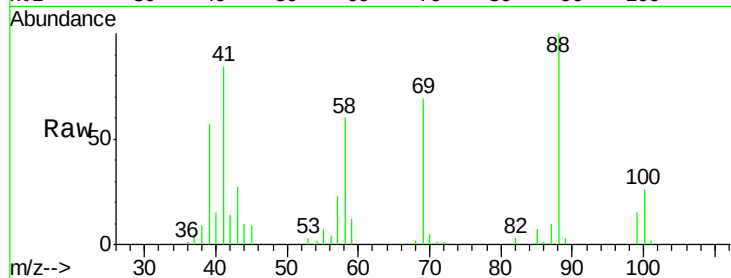
#49  
1,4-Dioxane  
Concen: 409.66 ug/l  
RT: 7.77 min Scan# 1179  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 31.8  | 24.1  | 36.1  |
| 58      | 62.2  | 49.0  | 73.6  |

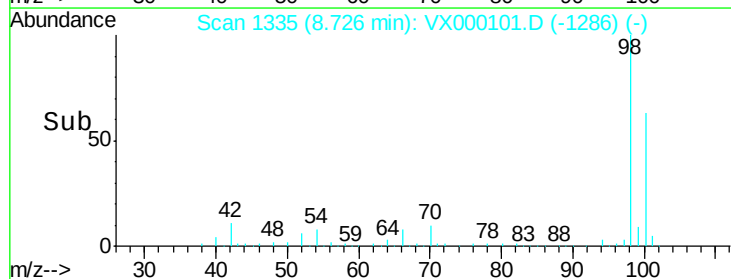
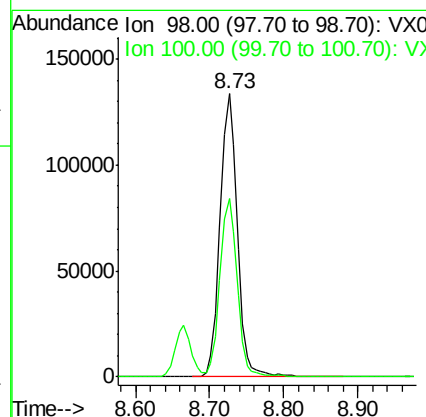
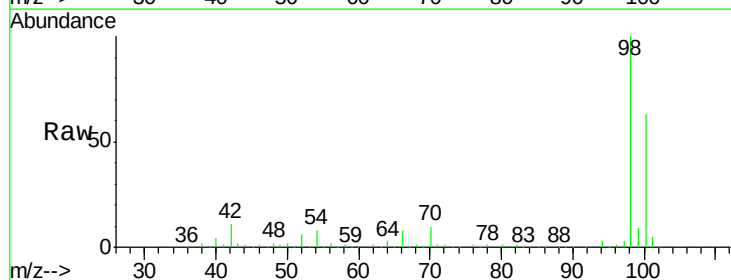
Manual Integrations  
APPROVED

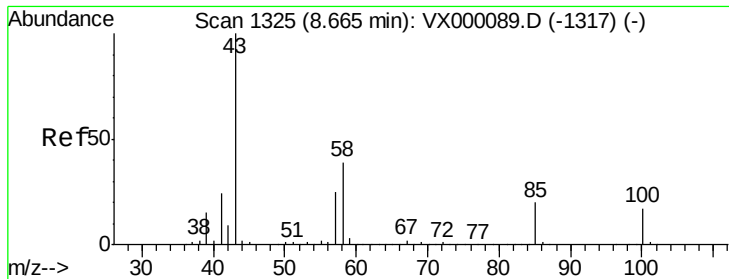
sam  
2/16/2018 4:51:11 PM



#50  
Toluene-d8  
Concen: 48.98 ug/l  
RT: 8.73 min Scan# 1335  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.7  | 52.2  | 78.2  |





#51

4-Methyl-2-Pentanone

Concen: 107.09 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampled :

VX0215WBSD01

Tot Ion: 43 Resp: 244267

Ion Ratio Lower Upper

43 100

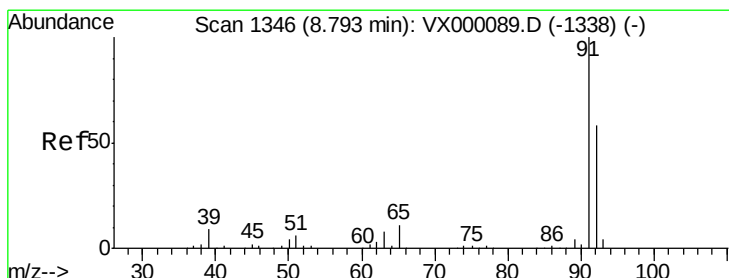
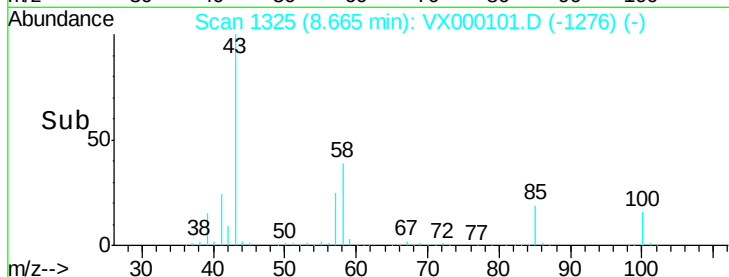
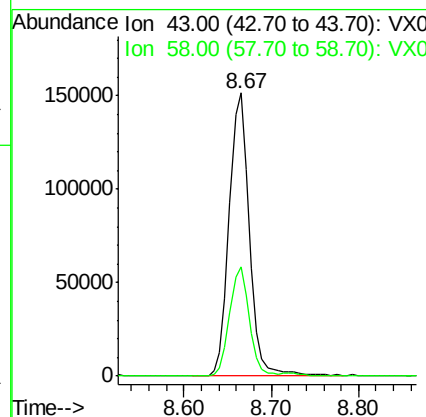
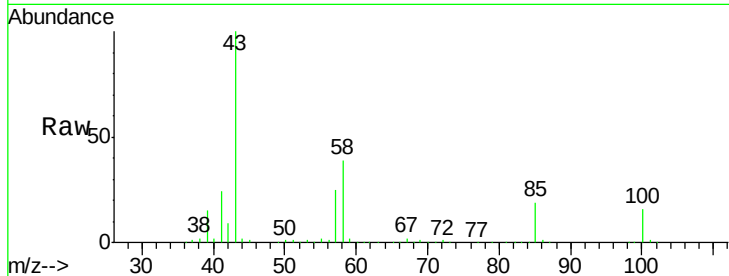
58 37.6 31.6 47.4

Manual Integrations

APPROVED

sam

2/16/2018 4:51:11 PM



#52

Toluene

Concen: 20.96 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000101.D

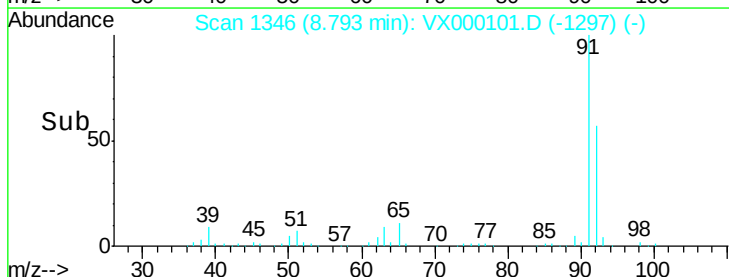
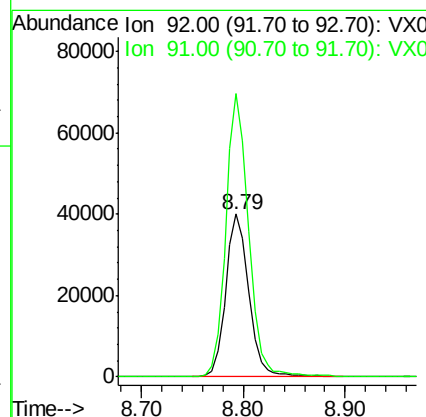
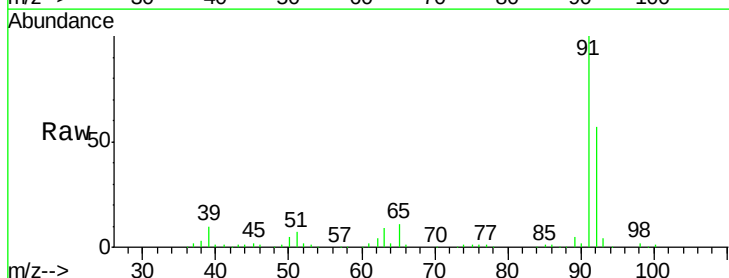
Acq: 15 Feb 2018 18:07

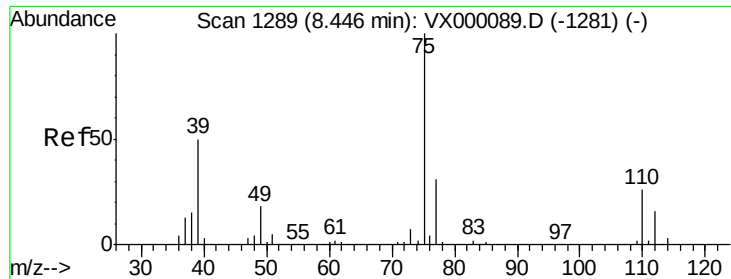
Tgt Ion: 92 Resp: 63020

Ion Ratio Lower Upper

92 100

91 171.8 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 20.68 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampled :

VX0215WBSD01

Tot Ion: 75 Resp: 38664

Ion Ratio Lower Upper

75 100

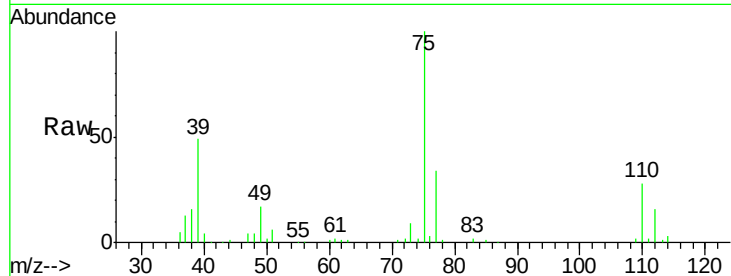
77 33.6 25.0 37.6

Manual Integrations

APPROVED

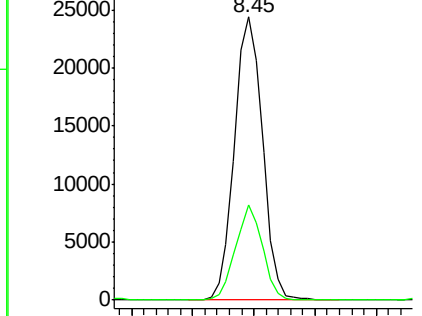
sam

2/16/2018 4:51:11 PM

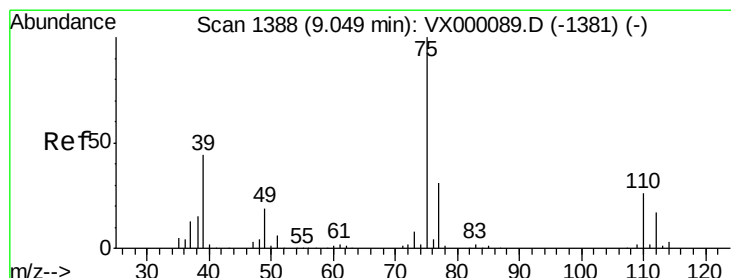
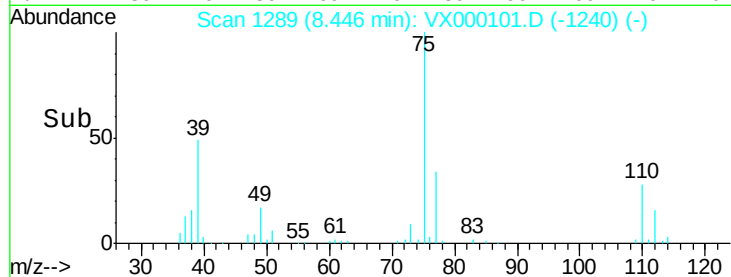


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.62 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

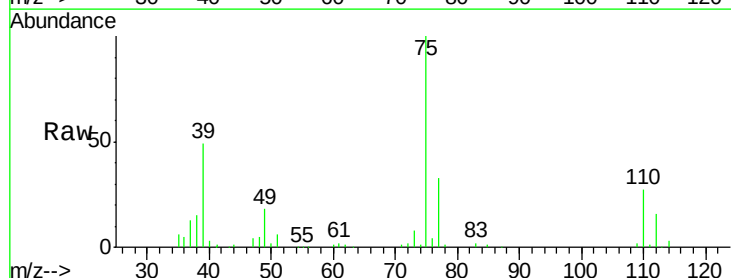
Tgt Ion: 75 Resp: 38277

Ion Ratio Lower Upper

75 100

77 33.0 25.0 37.6

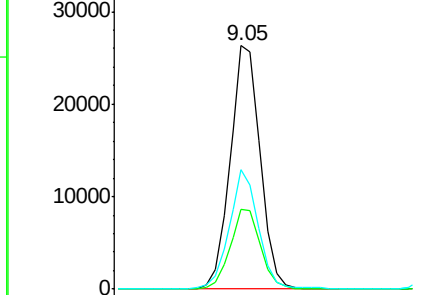
39 49.3 35.4 53.0



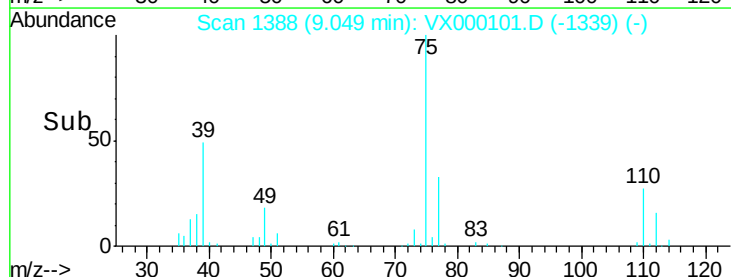
Abundance Ion 74.90 (74.60 to 75.60): VX0

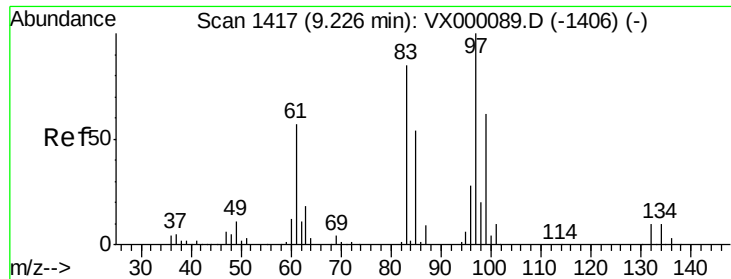
Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->





#55

1,1,2-Trichloroethane

Concen: 20.67 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

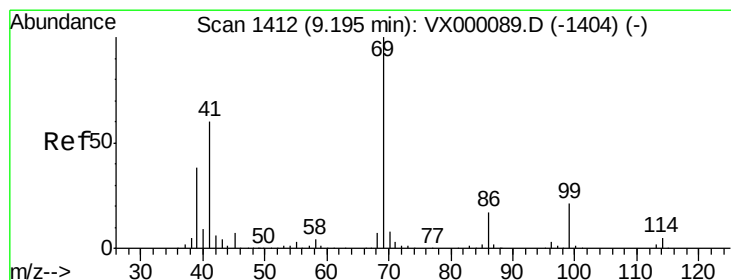
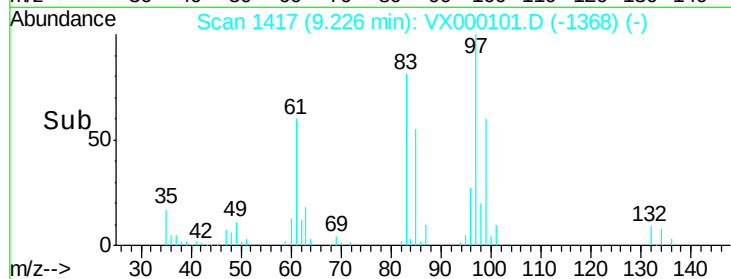
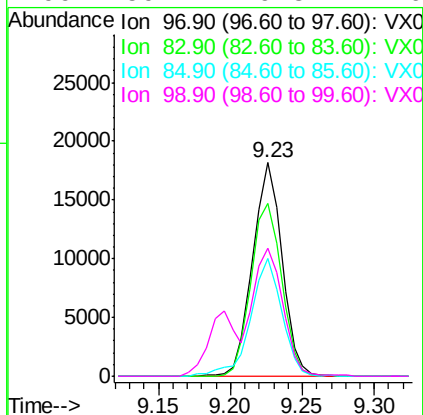
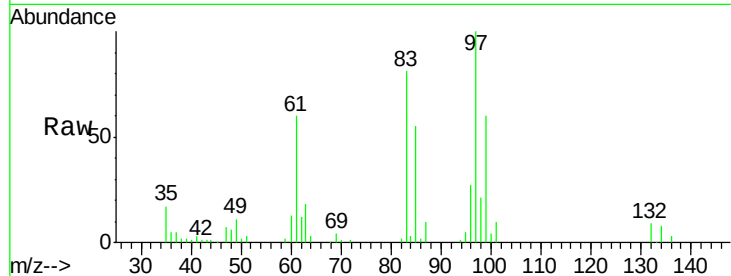
ClientSampled :

VX0215WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 25705 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.0  | 67.6  | 101.4 |
| 85       | 55.1  | 42.9  | 64.3  |
| 99       | 59.2  | 49.8  | 74.6  |

Manual Integrations  
APPROVED

sam  
2/16/2018 4:51:11 PM



#56

Ethyl methacrylate

Concen: 20.95 ug/l

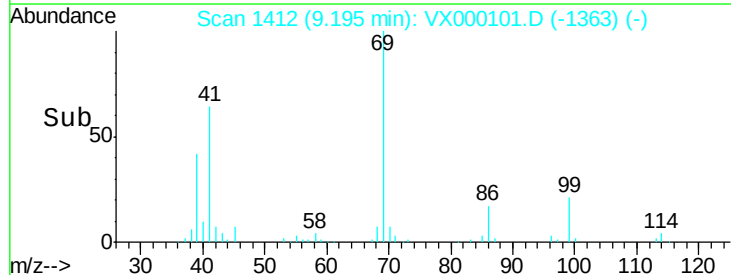
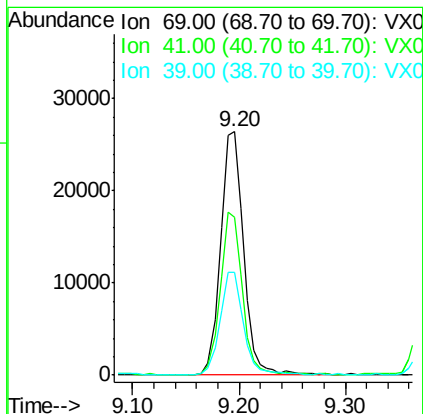
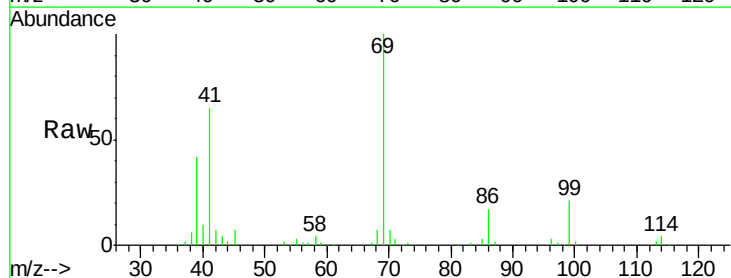
RT: 9.20 min Scan# 1412

Delta R.T. -0.00 min

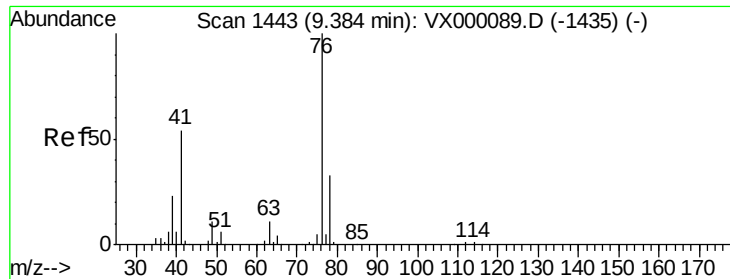
Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 39965 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 63.7  | 49.4  | 74.0  |
| 39       | 43.1  | 31.3  | 46.9  |







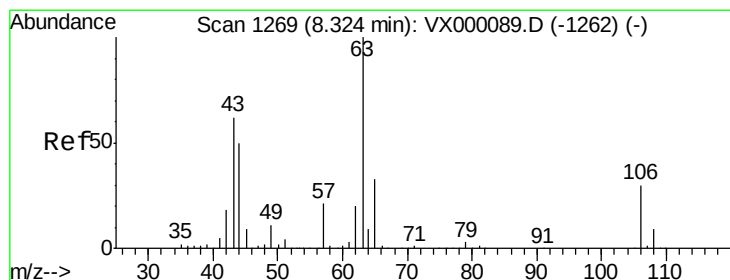
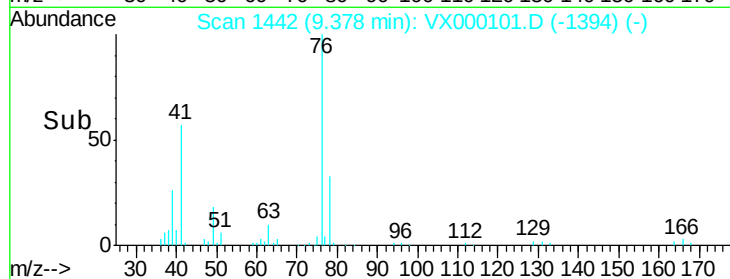
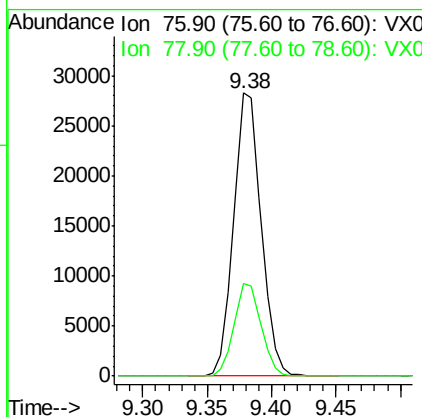
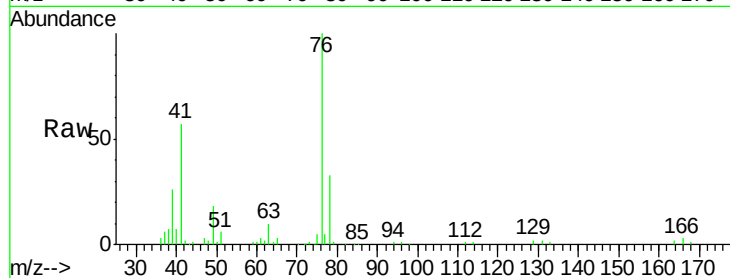
#57  
 1,3-Dichloropropane  
 Concen: 21.36 ug/l  
 RT: 9.38 min Scan# 1442  
 Delta R.T. -0.01 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

Instrument :  
 ClientSampled :  
 VX0215WBSD01

Tot Ion: 76 Resp: 42187  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 25.8 38.8

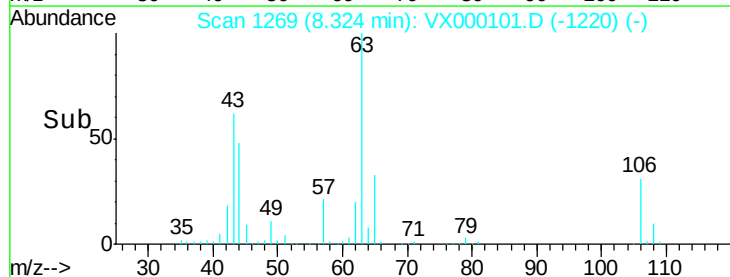
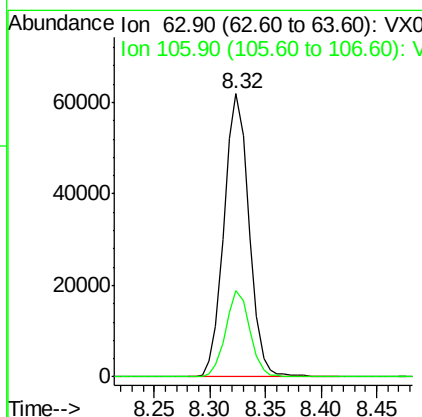
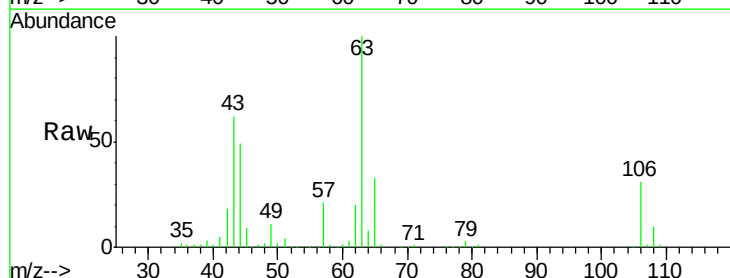
Manual Integrations  
 APPROVED

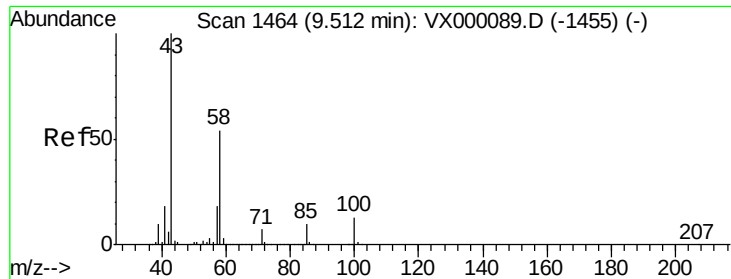
sam  
 2/16/2018 4:51:11 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 99.58 ug/l  
 RT: 8.32 min Scan# 1269  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

Tgt Ion: 63 Resp: 96033  
 Ion Ratio Lower Upper  
 63 100  
 106 29.9 24.6 37.0





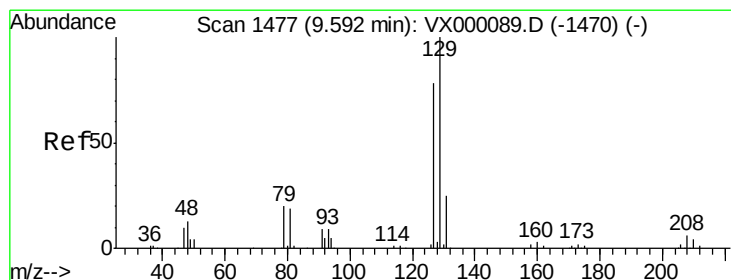
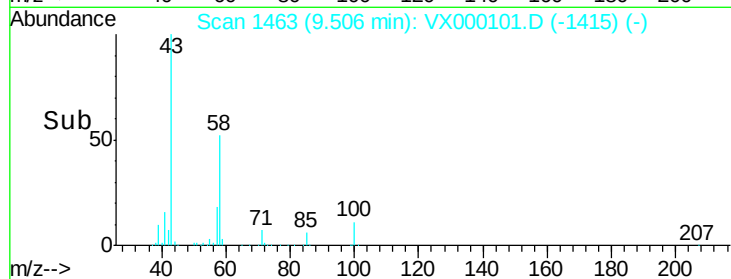
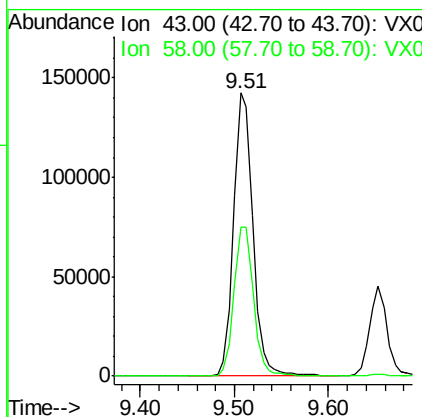
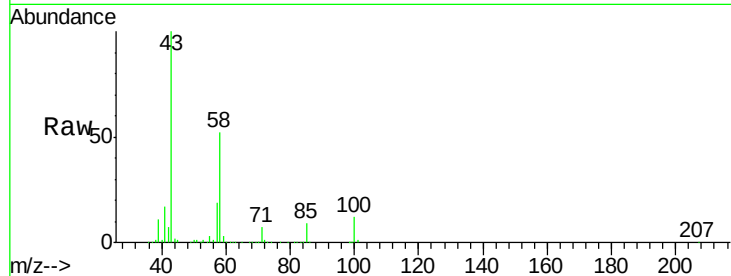
#59  
2-Hexanone  
Concen: 105.13 ug/l  
RT: 9.51 min Scan# 1463  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampled :  
VX0215WBSD01

Tot Ion: 43 Resp: 203039  
Ion Ratio Lower Upper  
43 100  
58 53.7 27.1 81.3

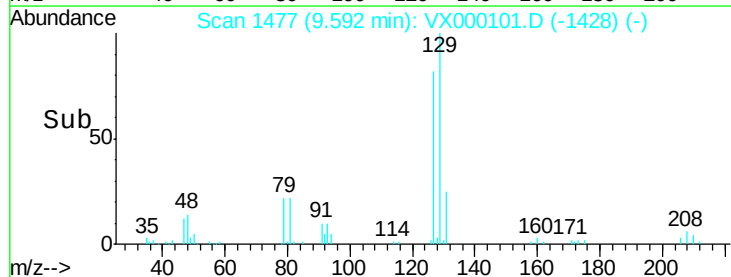
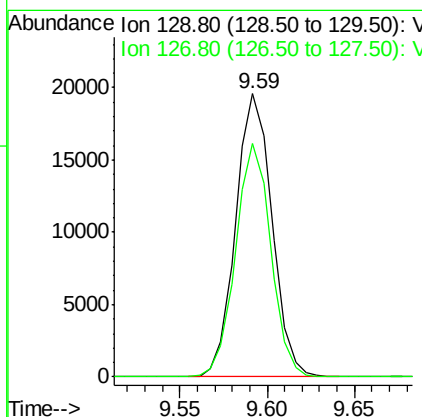
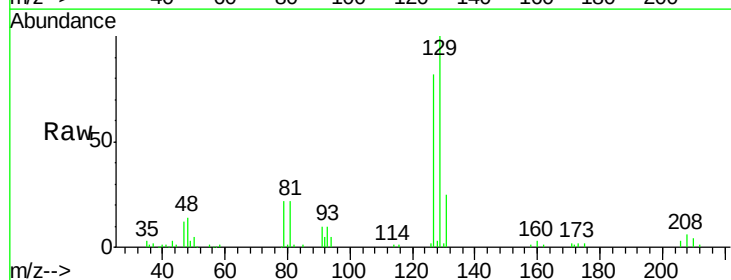
Manual Integrations  
APPROVED

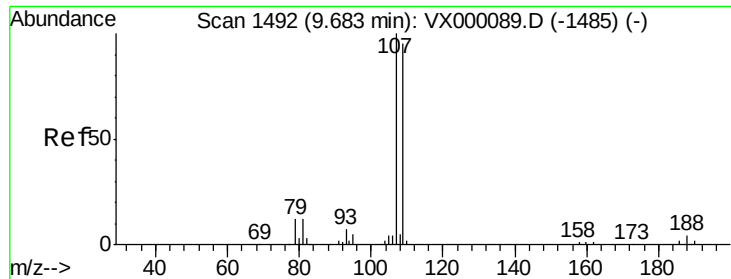
sam  
2/16/2018 4:51:11 PM



#60  
Dibromochloromethane  
Concen: 20.05 ug/l  
RT: 9.59 min Scan# 1477  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Tgt Ion: 129 Resp: 28233  
Ion Ratio Lower Upper  
129 100  
127 80.0 37.6 112.9





#61

1,2-Dibromoethane

Concen: 20.94 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampled :

VX0215WBSD01

Tot Ion:107 Resp: 28887

Ion Ratio Lower Upper

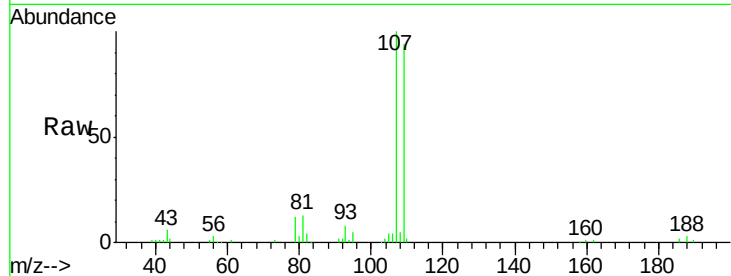
107 100

109 94.2 76.4 114.6

Manual Integrations  
APPROVED

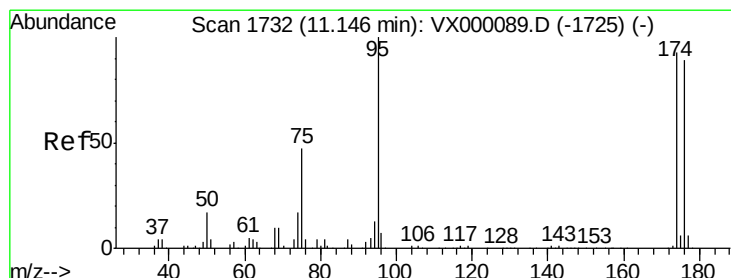
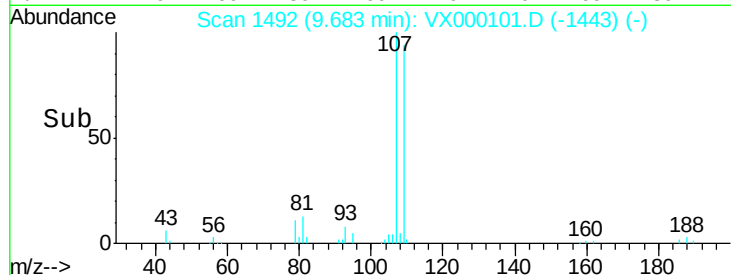
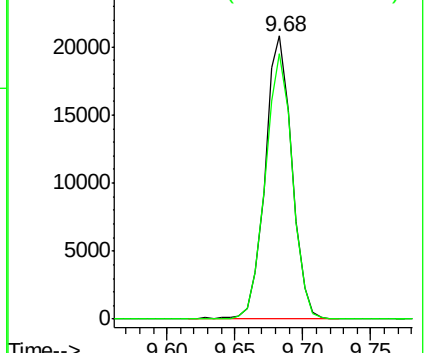
sam

2/16/2018 4:51:11 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.13 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

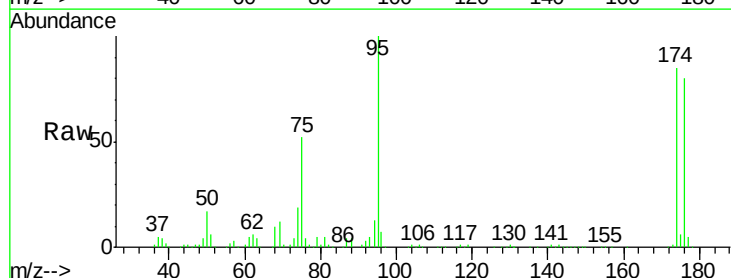
Tgt Ion: 95 Resp: 82473

Ion Ratio Lower Upper

95 100

174 86.3 0.0 187.8

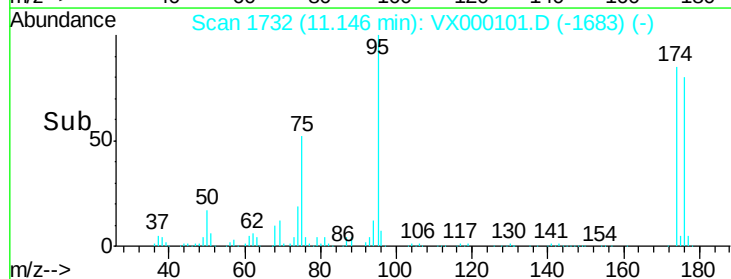
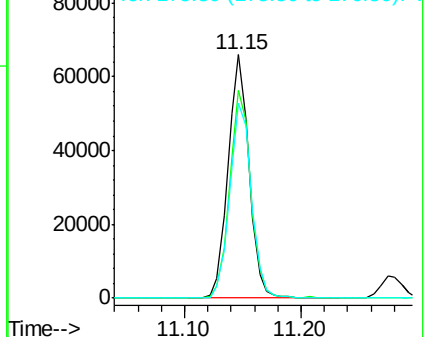
176 83.3 0.0 181.2

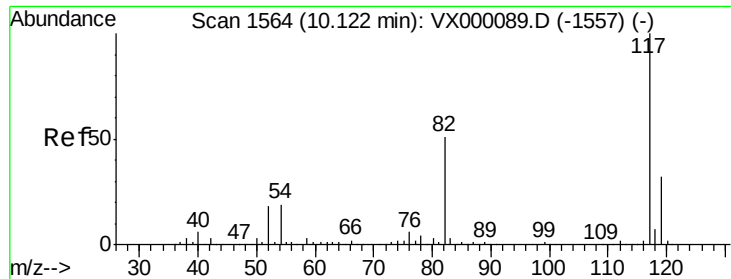


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





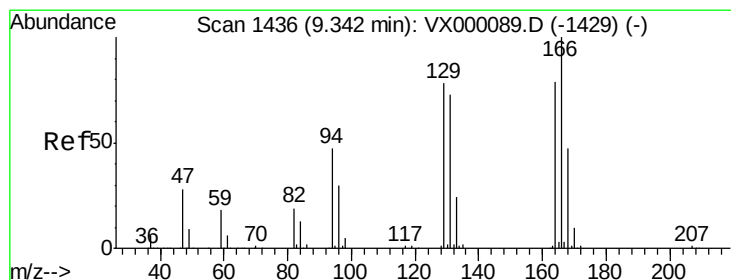
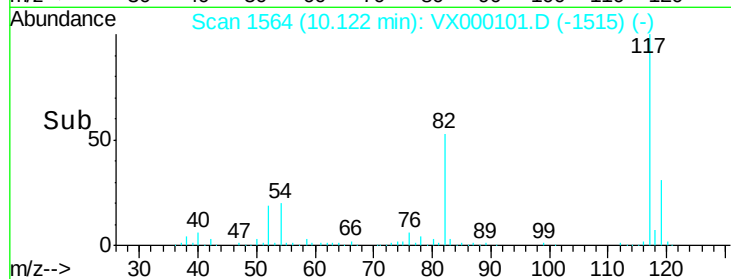
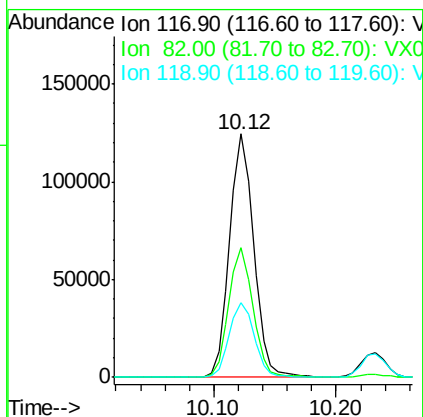
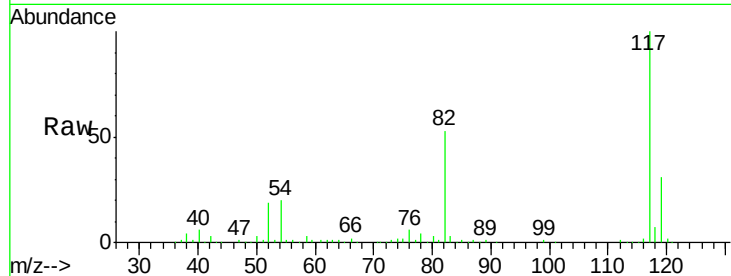
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampled :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.1  | 41.0  | 61.6  |
| 119     | 30.7  | 25.5  | 38.3  |

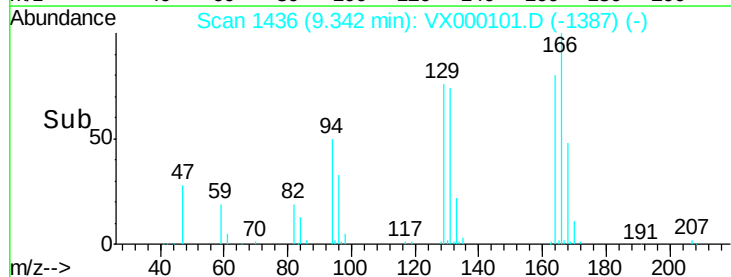
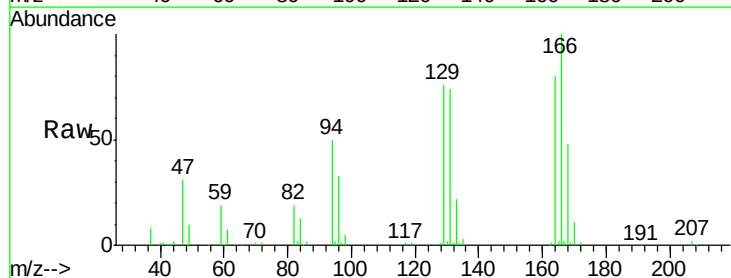
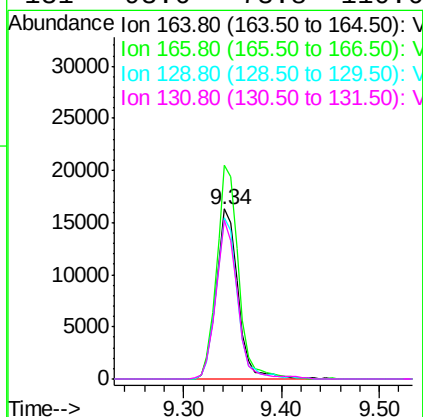
Manual Integrations  
APPROVED

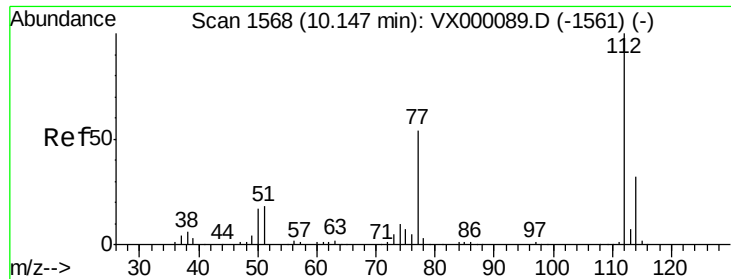
sam  
2/16/2018 4:51:11 PM



#64  
Tetrachloroethene  
Concen: 20.31 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.8 | 101.4 | 152.2 |
| 129     | 95.3  | 78.6  | 118.0 |
| 131     | 93.6  | 73.8  | 110.6 |





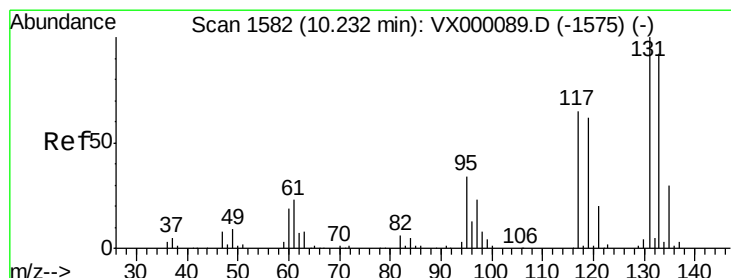
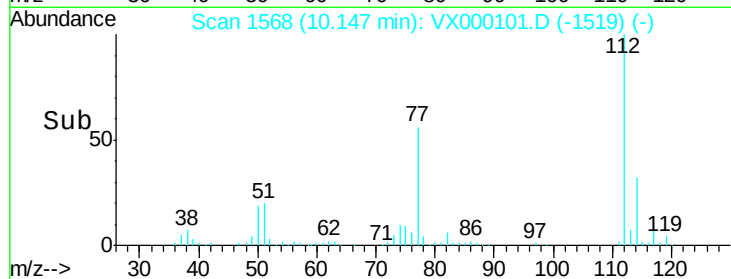
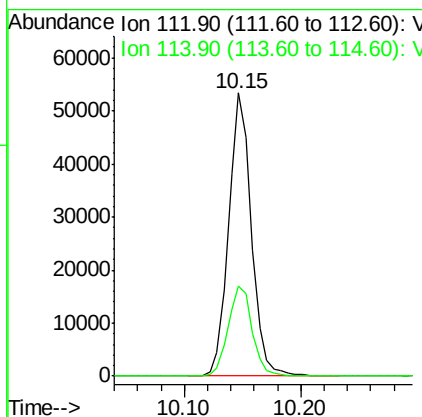
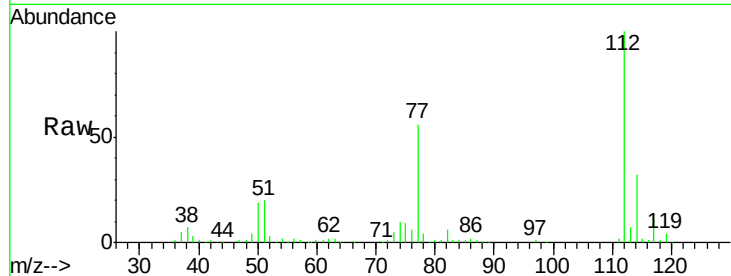
#65  
Chlorobenzene  
Concen: 20.09 ug/l  
RT: 10.15 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampled :  
VX0215WBSD01

Tot Ion:112 Resp: 72463  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.6 38.4

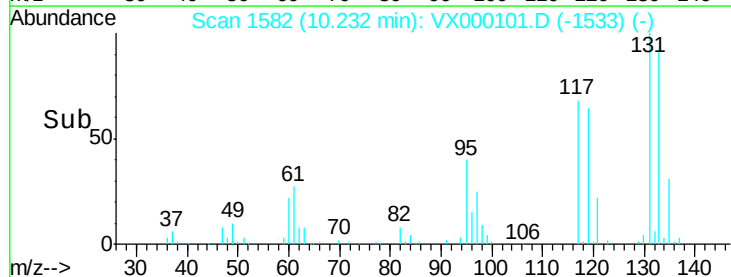
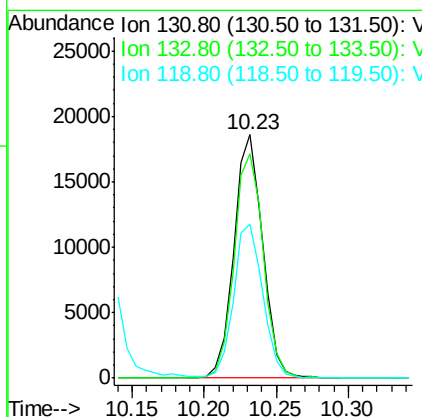
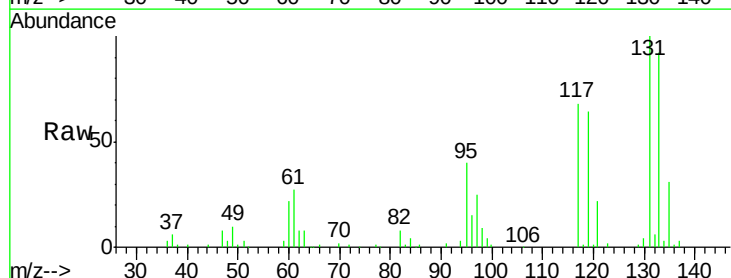
Manual Integrations  
APPROVED

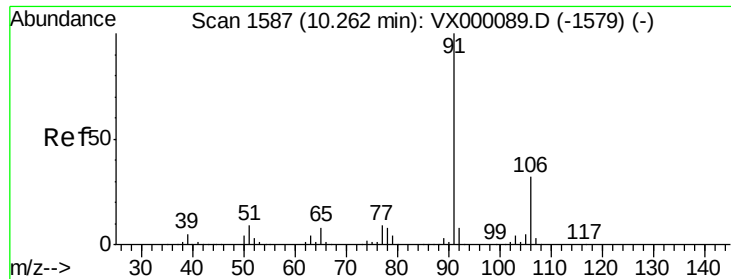
sam  
2/16/2018 4:51:11 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.53 ug/l  
RT: 10.23 min Scan# 1582  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Tgt Ion:131 Resp: 25912  
Ion Ratio Lower Upper  
131 100  
133 93.5 47.4 142.3  
119 64.4 31.7 95.1





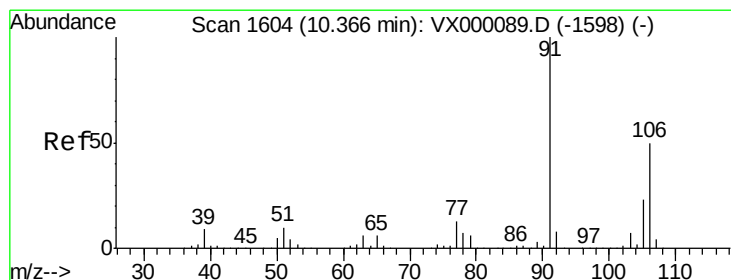
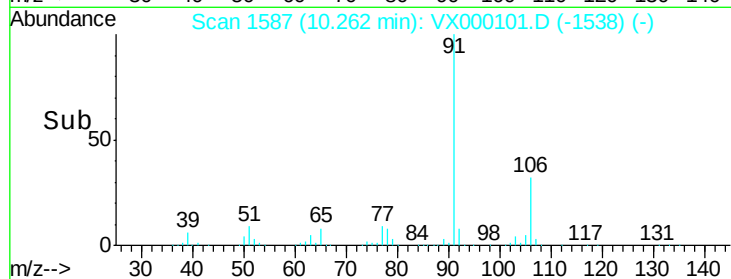
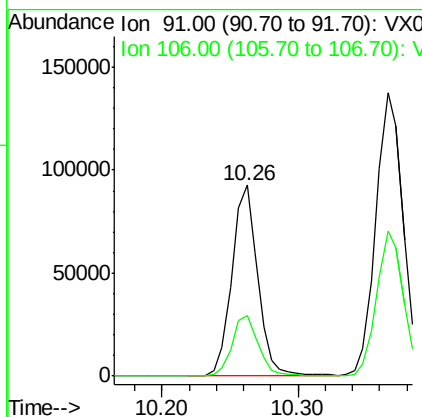
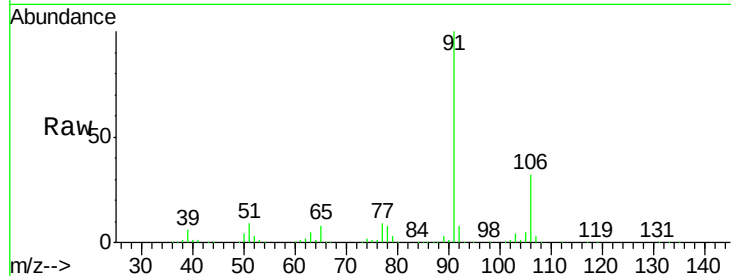
#67  
Ethyl Benzene  
Concen: 20.32 ug/l  
RT: 10.26 min Scan# 1587  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
Client Sampled :  
VX0215WBSD01

Tot Ion: 91 Resp: 123044  
Ion Ratio Lower Upper  
91 100  
106 32.0 25.8 38.6

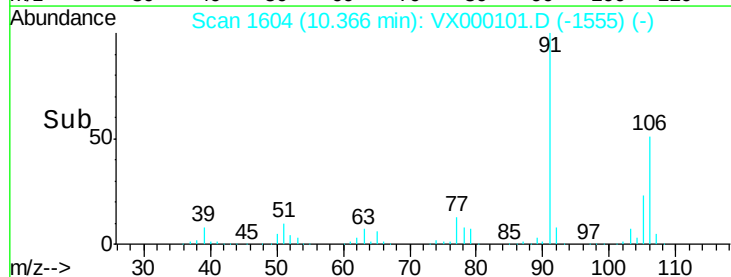
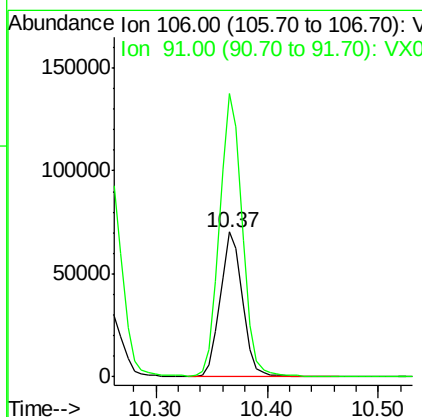
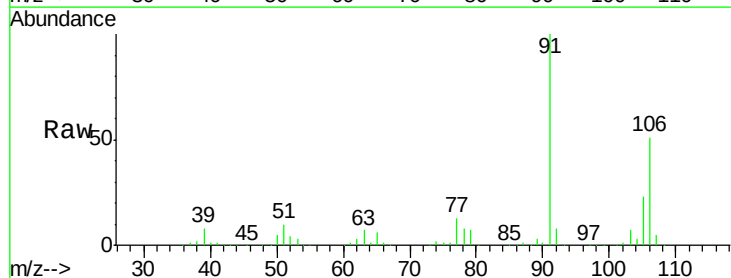
Manual Integrations  
APPROVED

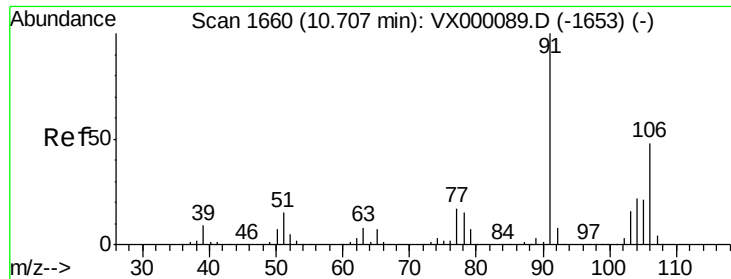
sam  
2/16/2018 4:51:11 PM



#68  
m/p-Xylenes  
Concen: 40.73 ug/l  
RT: 10.37 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Tgt Ion: 106 Resp: 97676  
Ion Ratio Lower Upper  
106 100  
91 199.5 159.1 238.7





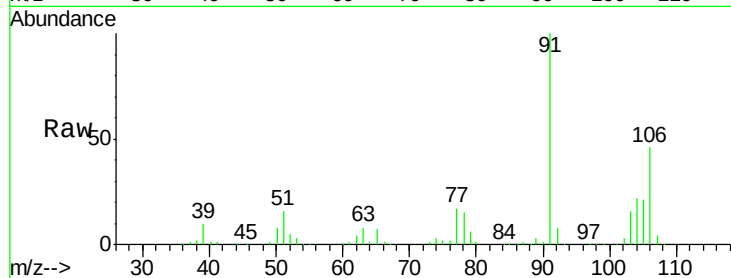
#69  
o-Xylene  
Concen: 20.28 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampleId :  
VX0215WBSD01

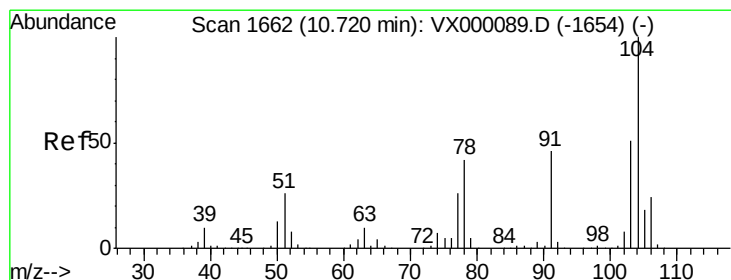
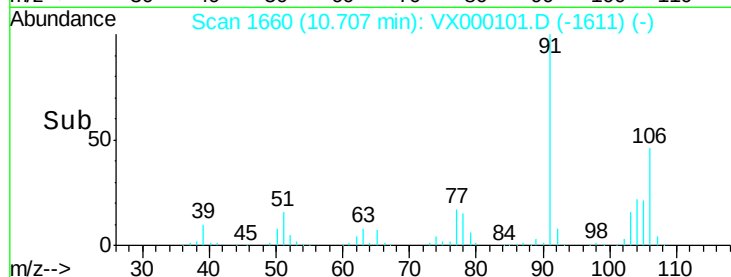
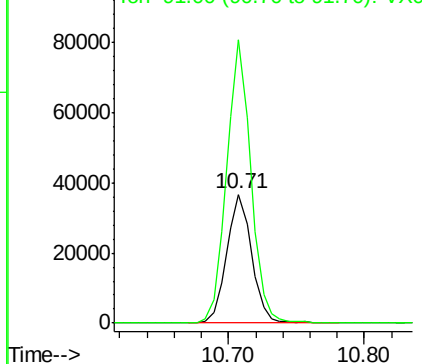
Tot Ion:106 Resp: 46898  
Ion Ratio Lower Upper  
106 100  
91 213.7 103.8 311.6

Manual Integrations  
APPROVED

sam  
2/16/2018 4:51:11 PM

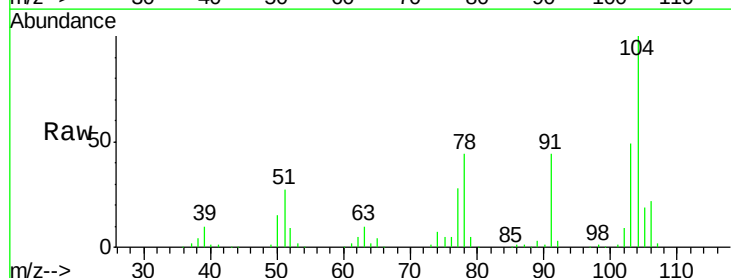


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

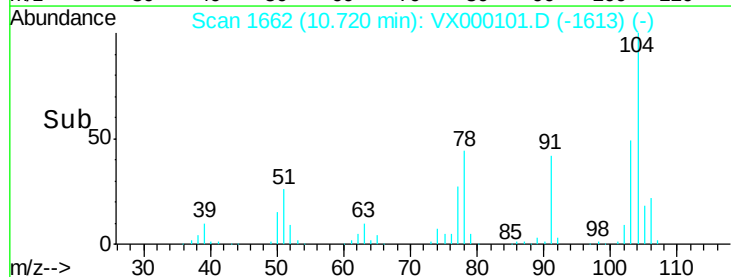
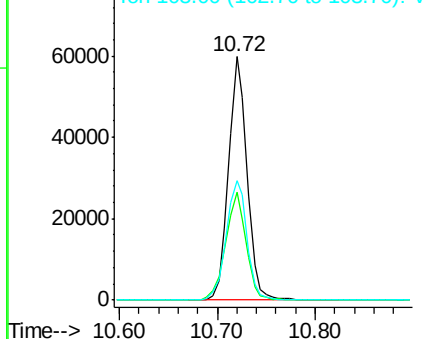


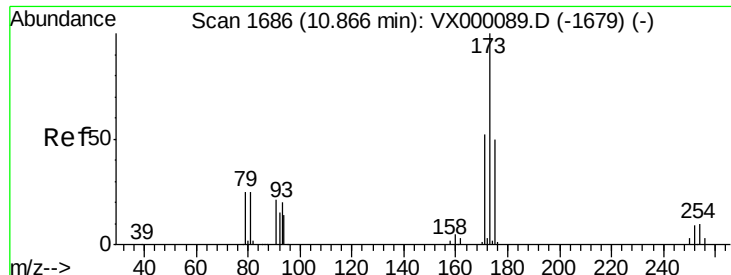
#70  
Styrene  
Concen: 20.82 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Tgt Ion:104 Resp: 78724  
Ion Ratio Lower Upper  
104 100  
78 48.9 38.2 57.4  
103 55.1 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: 19.81 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

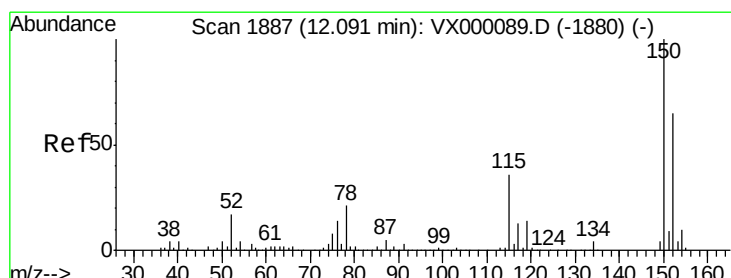
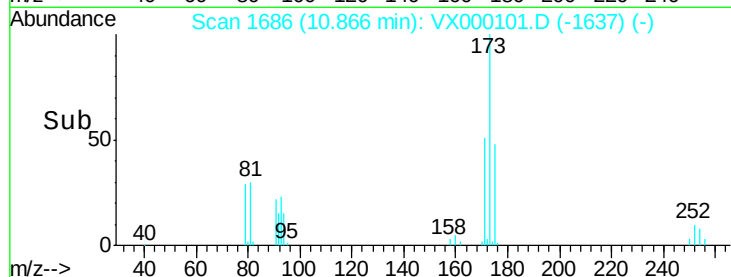
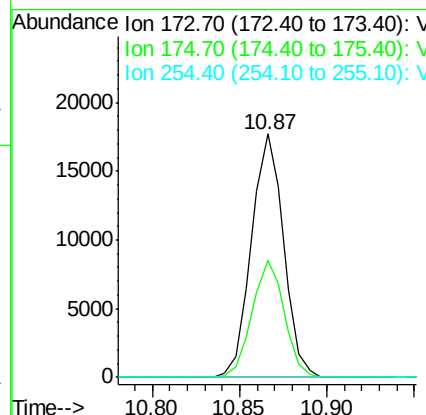
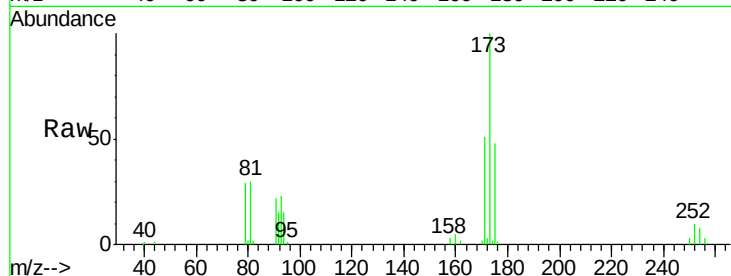
ClientSampleId :

VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.1  | 24.3  | 73.0  |
| 254     | 0.0   | 0.0   | 0.0   |

Manual Integrations  
APPROVED

sam  
2/16/2018 4:51:11 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

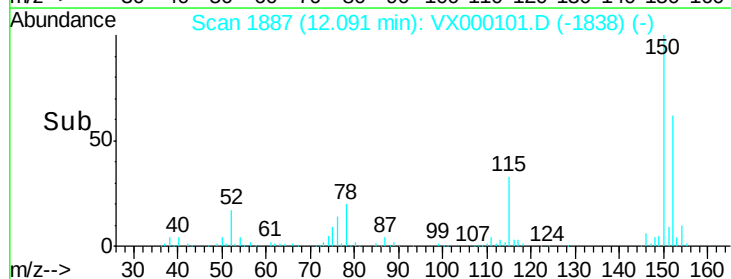
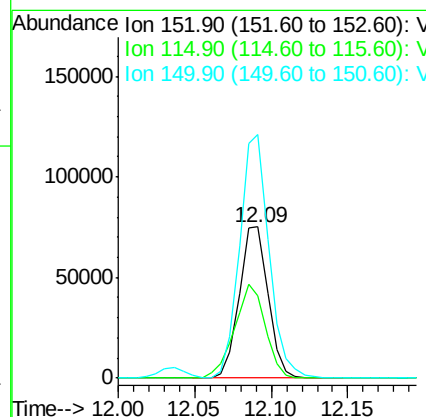
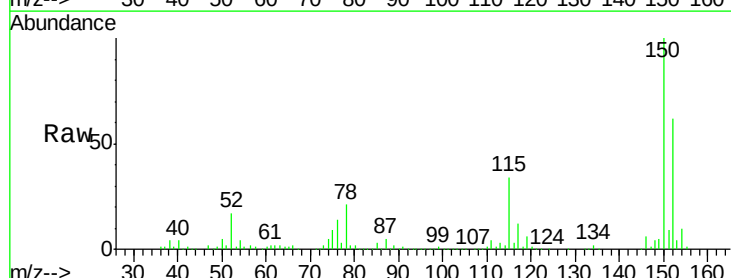
RT: 12.09 min Scan# 1887

Delta R.T. -0.00 min

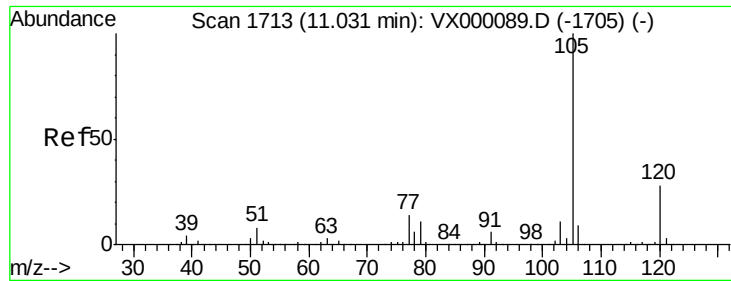
Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 66.5  | 39.1  | 117.2 |
| 150     | 164.1 | 0.0   | 348.2 |







#73

Isopropylbenzene

Concen: 20.47 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampled :

VX0215WBSD01

Tot Ion:105 Resp: 127688

Ion Ratio Lower Upper

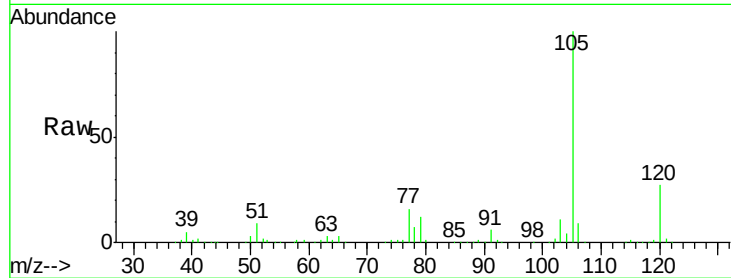
105 100

120 27.0 14.0 42.0

Manual Integrations  
APPROVED

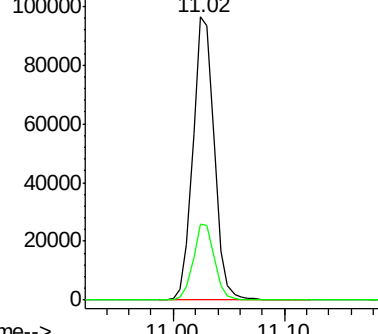
sam

2/16/2018 4:51:11 PM

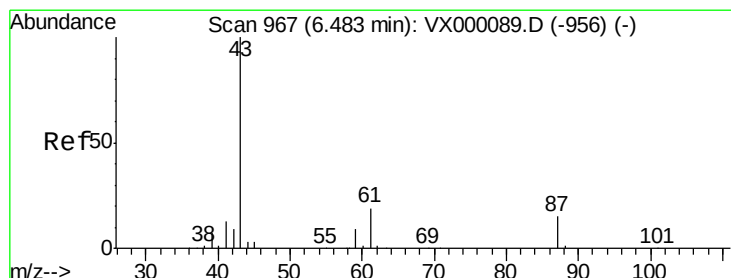
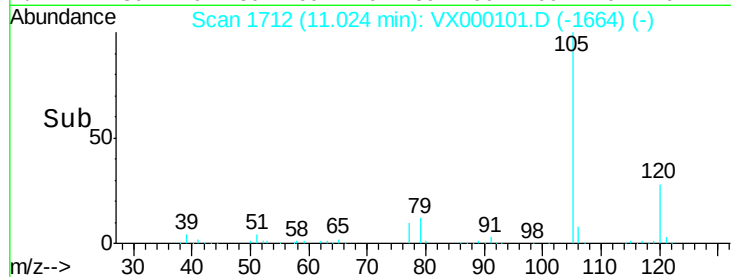


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 20.58 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Tgt Ion: 43 Resp: 64849

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

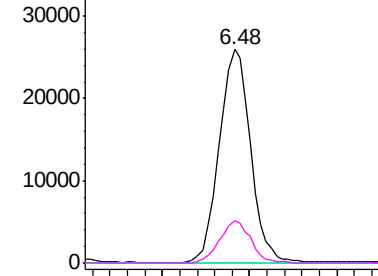
61 19.4 15.6 23.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

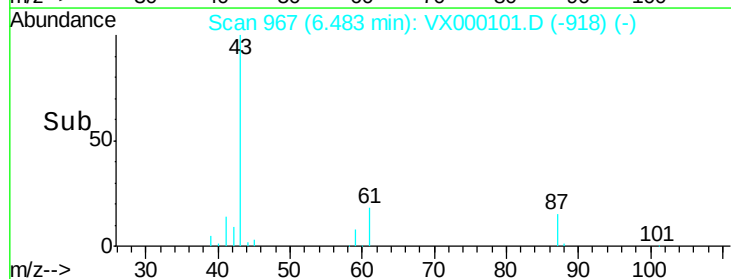
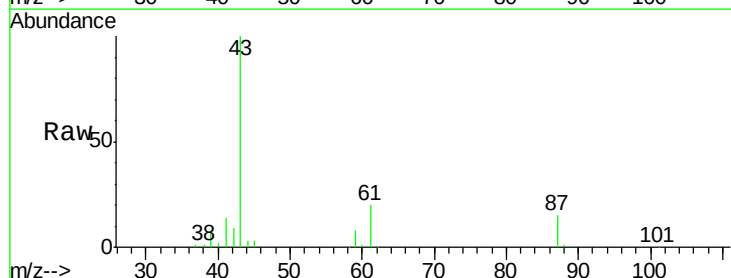
Ion 70.00 (69.70 to 70.70): VX0

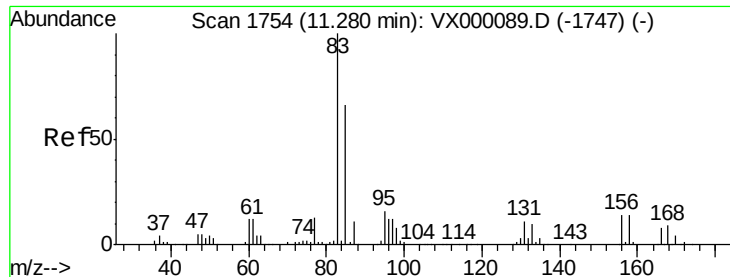
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.52 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

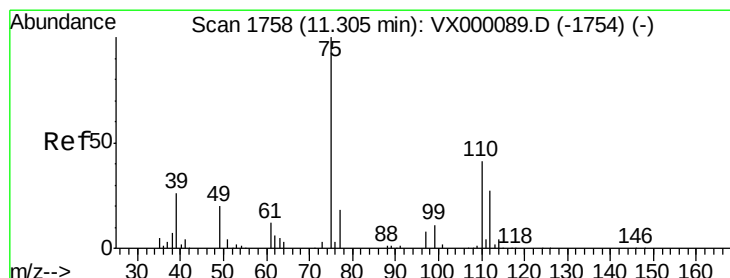
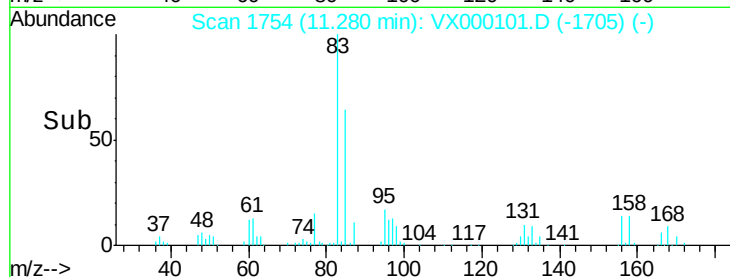
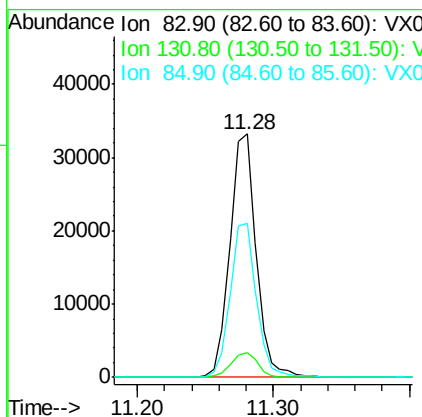
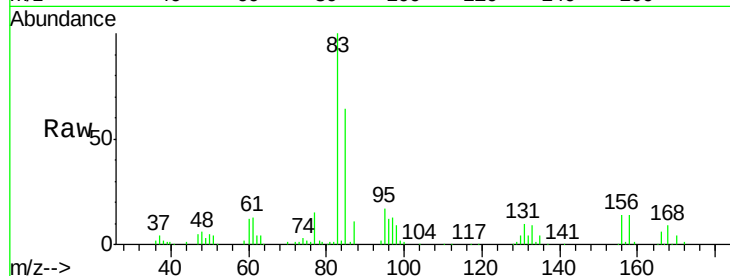
ClientSampleId :

VX0215WBSD01

| Tot Ion   | 83   | Resp  | 44578 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 131       | 10.6 | 5.6   | 16.8  |
| 85        | 63.4 | 32.3  | 96.8  |

Manual Integrations  
APPROVED

sam  
2/16/2018 4:51:11 PM



#76

1,2,3-Trichloropropane

Concen: 20.04 ug/l m

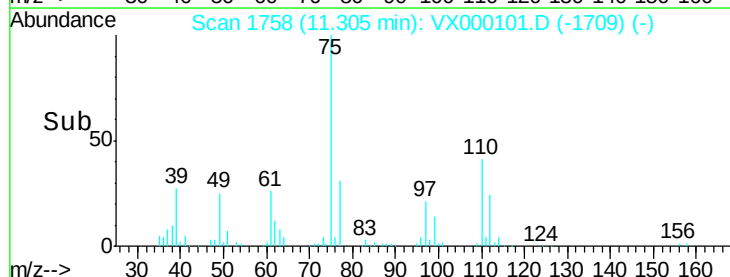
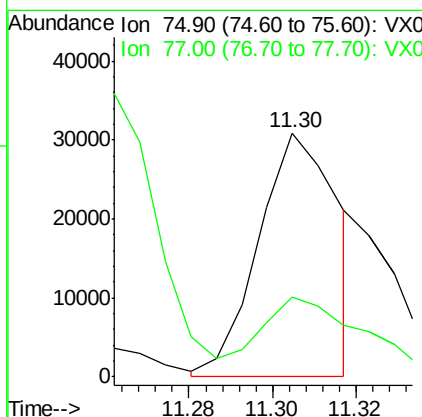
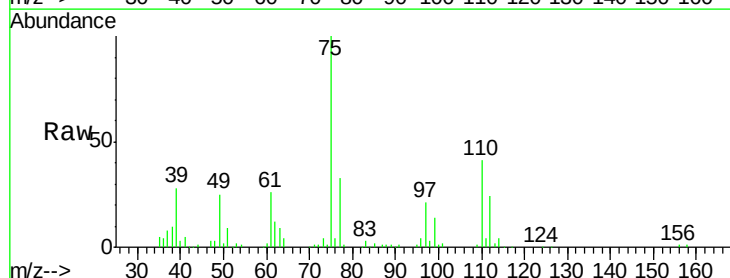
RT: 11.30 min Scan# 1758

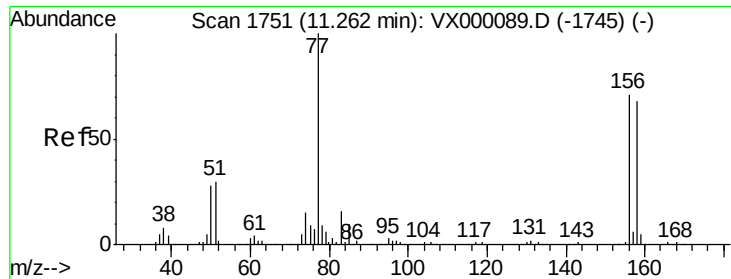
Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

| Tgt Ion   | 75   | Resp  | 40861 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 75        | 100  |       |       |
| 77        | 43.4 | 22.8  | 68.3  |





#77

Bromobenzene

Concen: 19.54 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

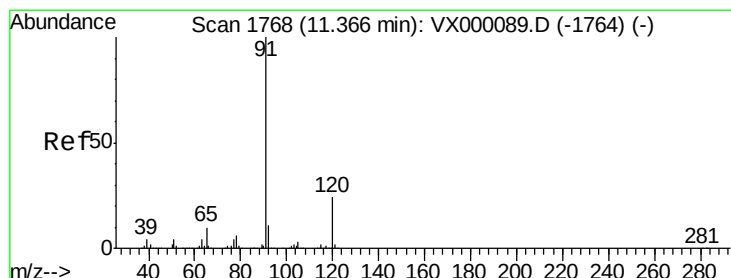
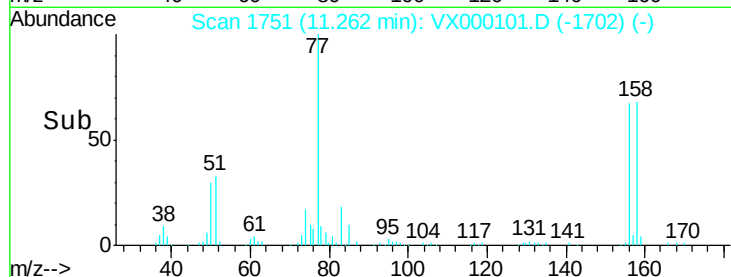
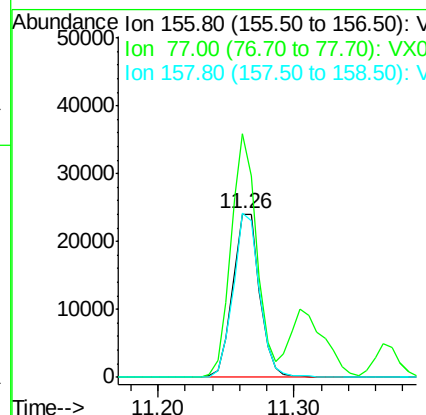
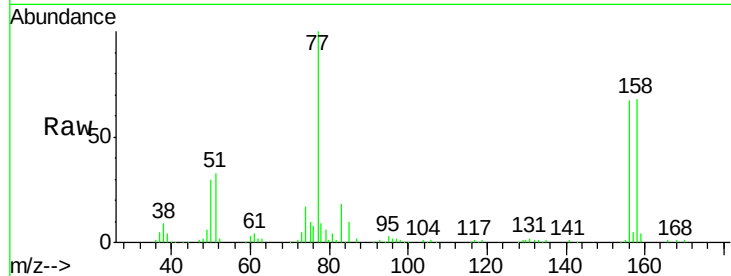
ClientSampleId :

VX0215WBSD01

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 156     | 100   |       | 33044 |       |       |
| 77      | 141.7 | 67.0  | 201.0 |       |       |
| 158     | 98.3  | 48.3  | 144.9 |       |       |

Manual Integrations  
APPROVED

sam  
2/16/2018 4:51:11 PM



#78

n-propylbenzene

Concen: 20.25 ug/l

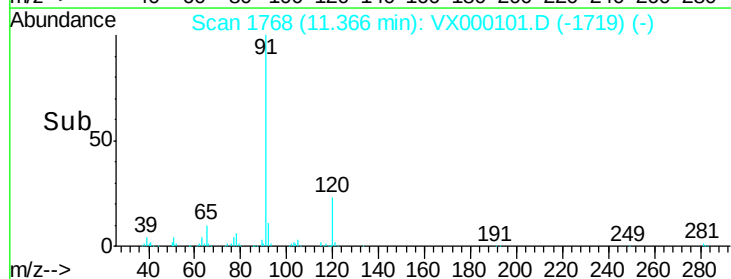
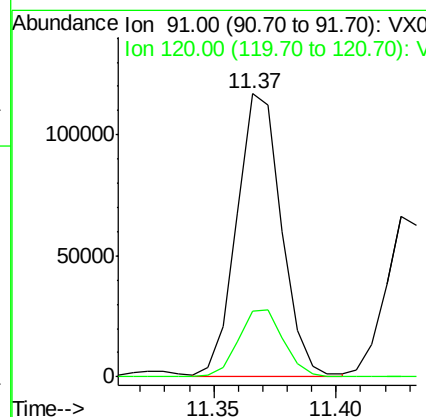
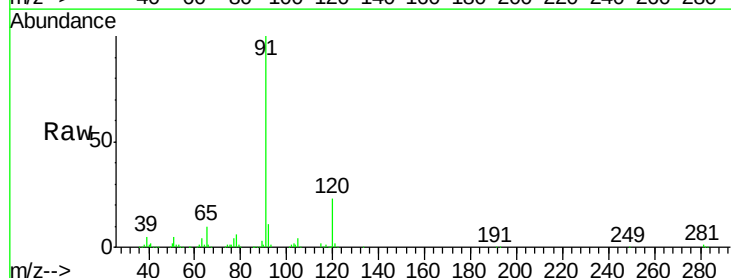
RT: 11.37 min Scan# 1768

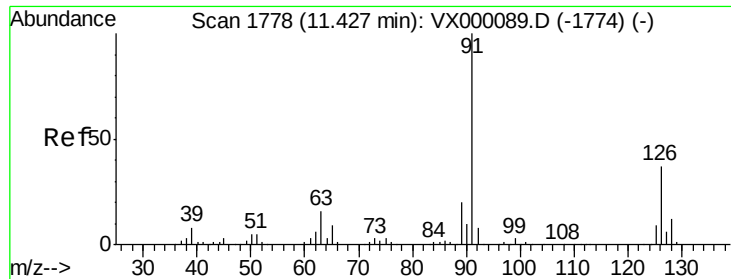
Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 91      | 100  |       | 148950 |       |       |
| 120     | 24.0 | 12.3  | 36.9   |       |       |





#79

2-Chlorotoluene

Concen: 20.66 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampled :

VX0215WBSD01

Tot Ion: 91 Resp: 86949

Ion Ratio Lower Upper

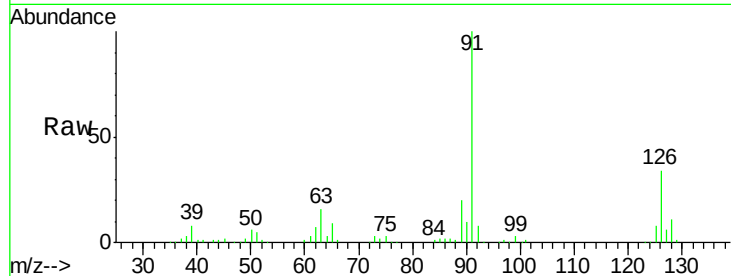
91 100

126 35.6 18.4 55.2

Manual Integrations  
APPROVED

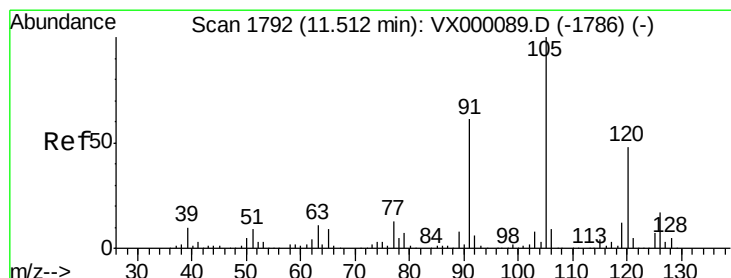
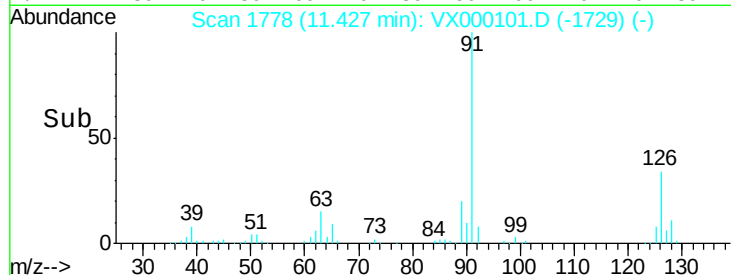
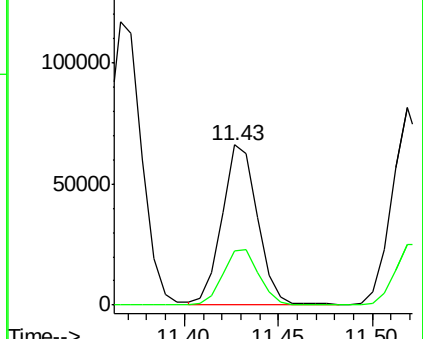
sam

2/16/2018 4:51:11 PM



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: 20.58 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX000101.D

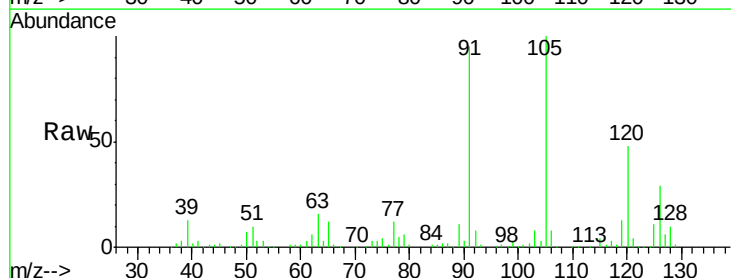
Acq: 15 Feb 2018 18:07

Tgt Ion: 105 Resp: 108571

Ion Ratio Lower Upper

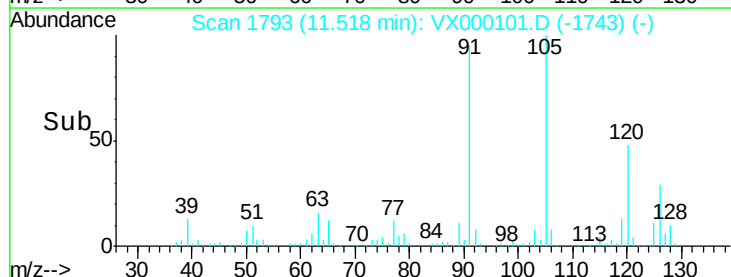
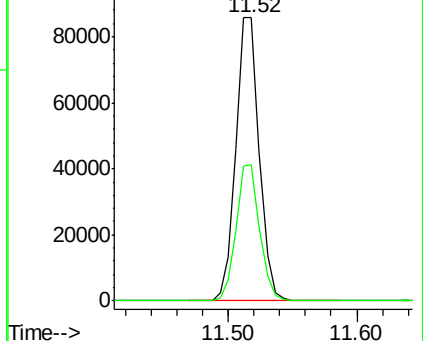
105 100

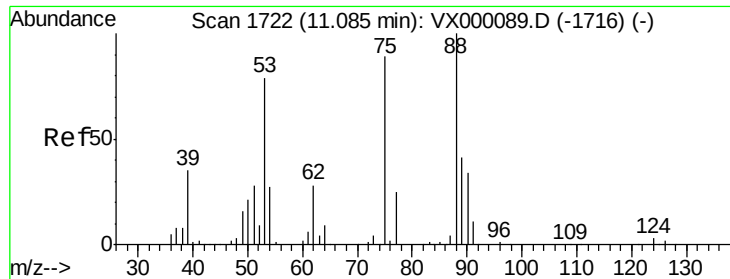
120 48.4 24.9 74.6



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: 18.85 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampleId :

VX0215WBSD01

Tot Ion: 75 Resp: 13492

Ion Ratio Lower Upper

75 100

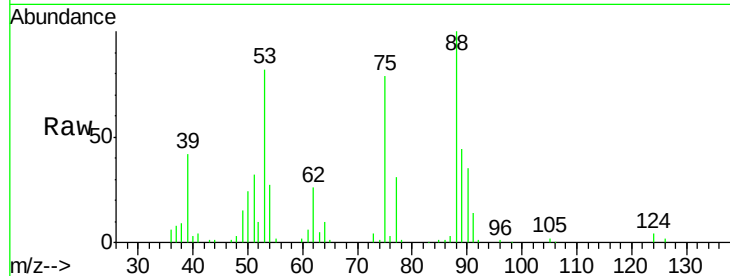
53 100.8 72.3 108.5

89 51.4 40.6 60.8

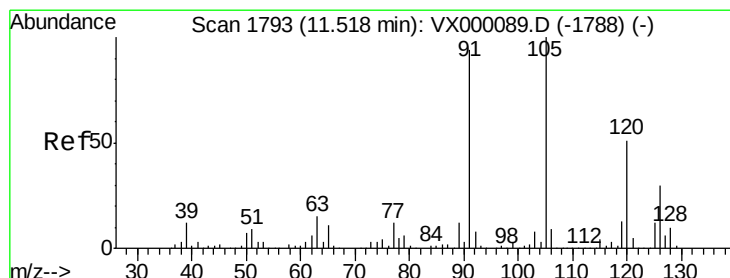
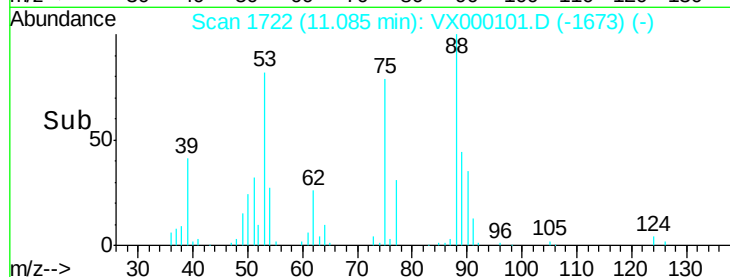
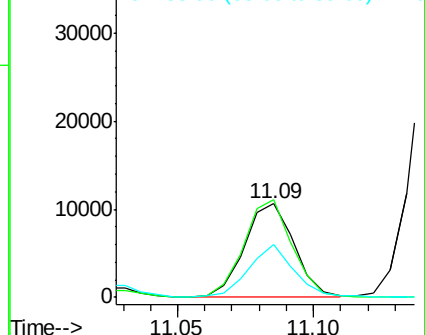
Manual Integrations  
APPROVED

sam

2/16/2018 4:51:11 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 53.00 (52.70 to 53.70): VX0  
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.58 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000101.D

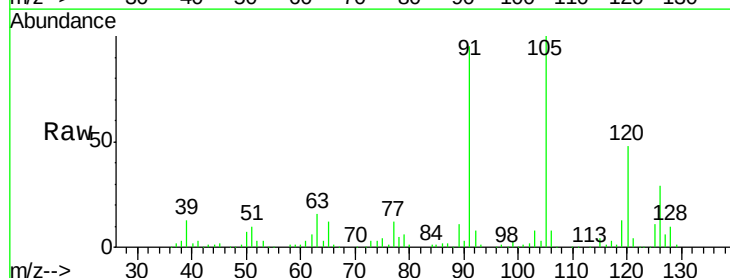
Acq: 15 Feb 2018 18:07

Tgt Ion: 91 Resp: 104785

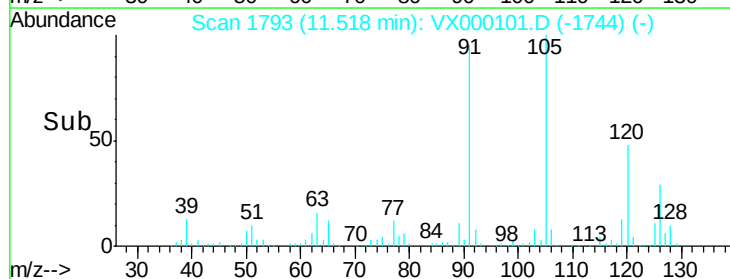
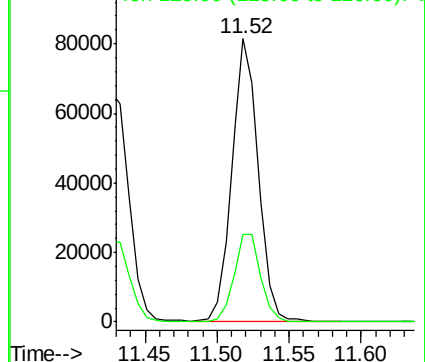
Ion Ratio Lower Upper

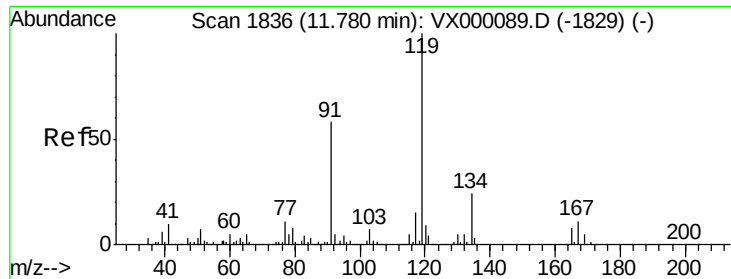
91 100

126 31.2 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 125.90 (125.60 to 126.60): V





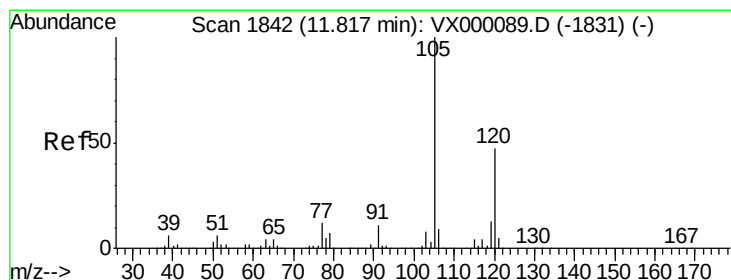
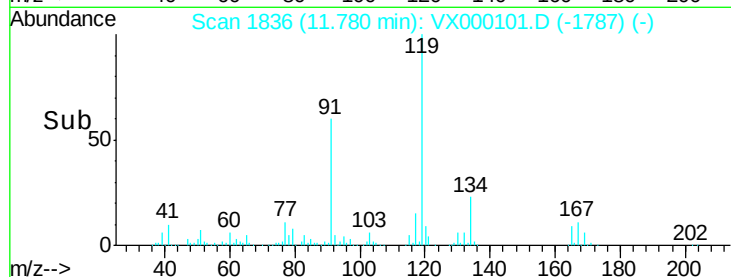
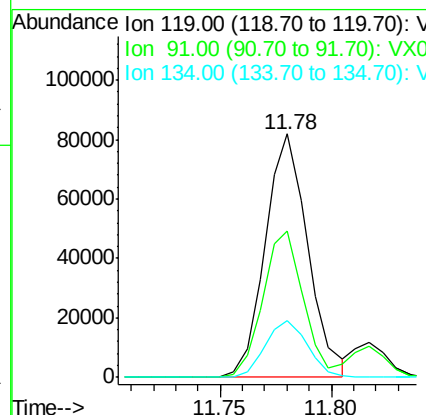
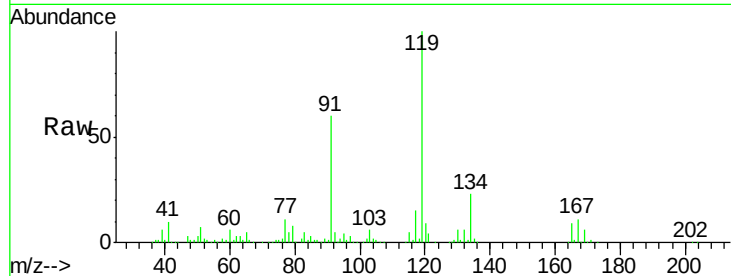
#83  
 tert-Butylbenzene  
 Concen: 20.44 ug/l  
 RT: 11.78 min Scan# 1836  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

Instrument :  
 ClientSampled :  
 VX0215WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 108845 |       |       |
| 91      | 56.9  | 28.4   | 85.2  |       |
| 134     | 23.1  | 11.8   | 35.4  |       |

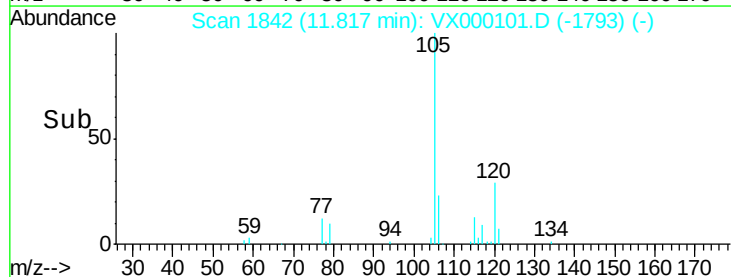
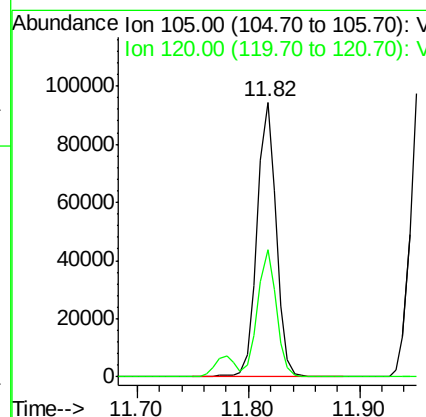
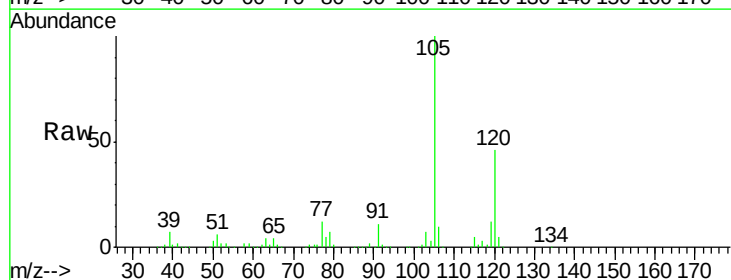
Manual Integrations  
 APPROVED

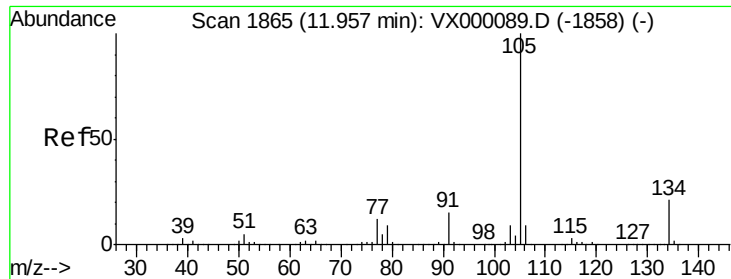
sam  
 2/16/2018 4:51:11 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.55 ug/l  
 RT: 11.82 min Scan# 1842  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 112547 |       |       |
| 120     | 45.9  | 23.1   | 69.2  |       |





#85

sec-Butylbenzene

Concen: 20.34 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

Instrument :

ClientSampled :

VX0215WBSD01

Tot Ion:105 Resp: 134528

Ion Ratio Lower Upper

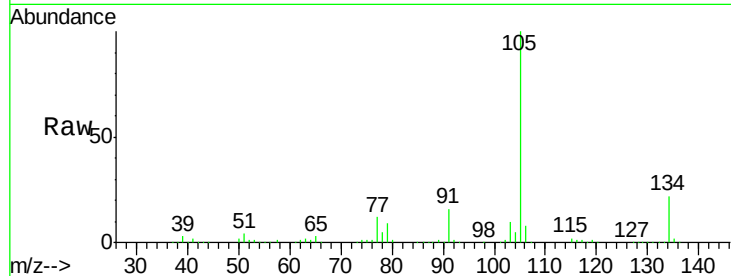
105 100

134 20.7 10.5 31.6

Manual Integrations  
APPROVED

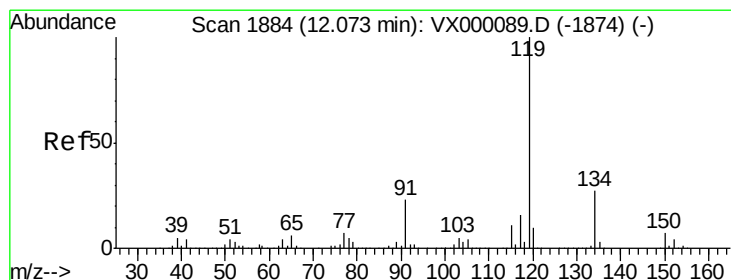
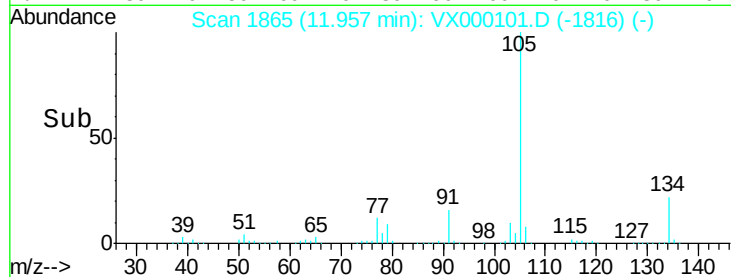
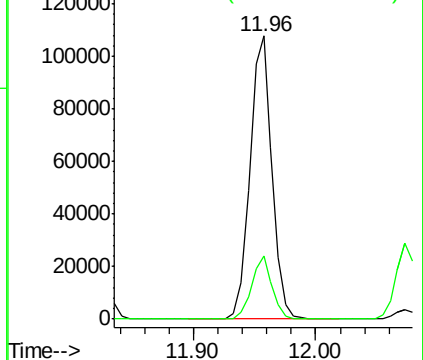
sam

2/16/2018 4:51:11 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.31 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 18:07

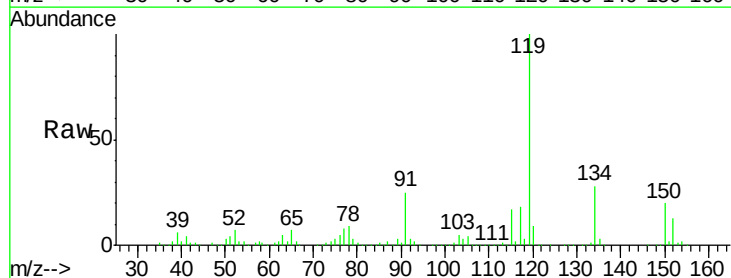
Tgt Ion:119 Resp: 120062

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

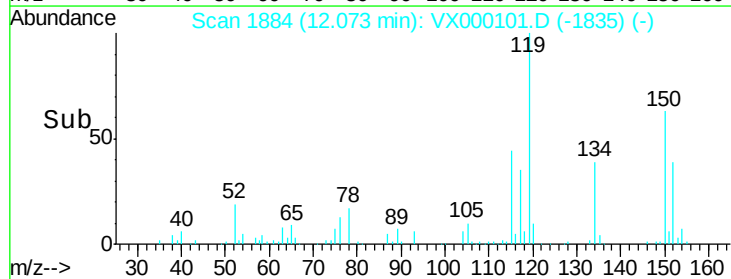
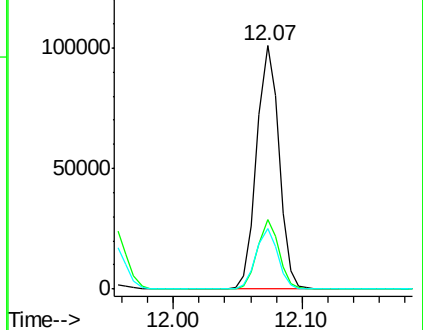
91 24.2 11.7 35.0

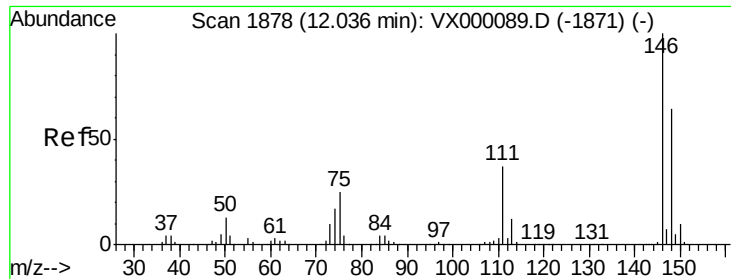


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





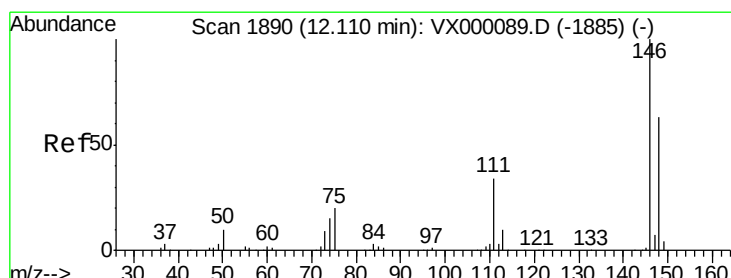
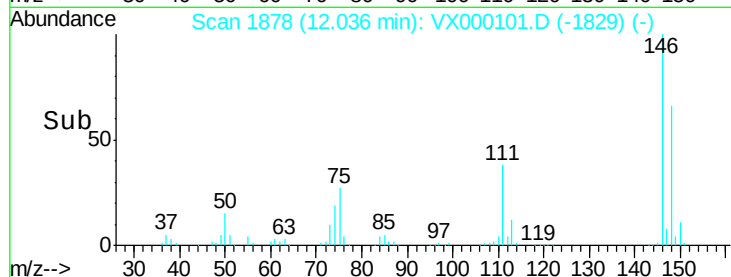
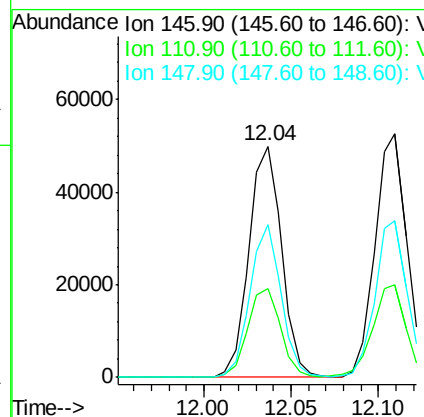
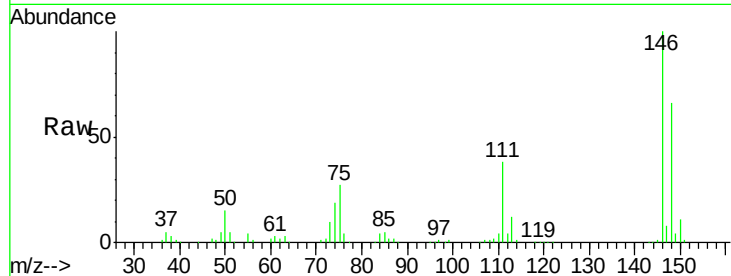
#87  
 1,3-Dichlorobenzene  
 Concen: 19.98 ug/l  
 RT: 12.04 min Scan# 1878  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

Instrument :  
 ClientSampleId :  
 VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.8  | 19.1  | 57.3  |
| 148     | 62.9  | 32.2  | 96.6  |

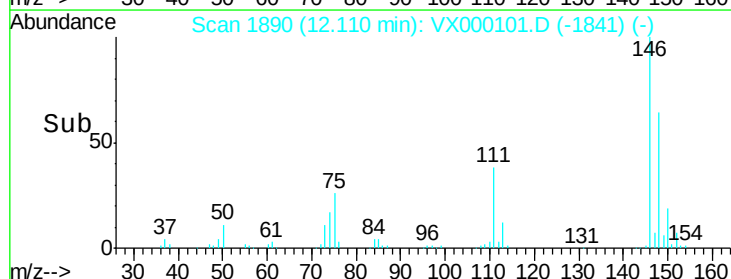
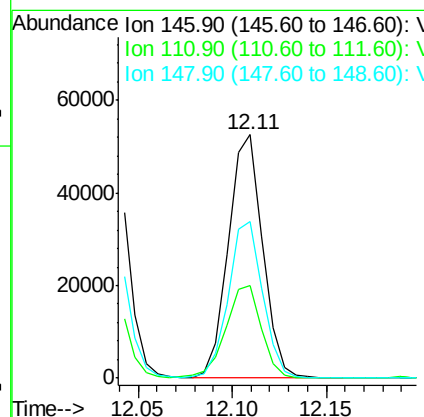
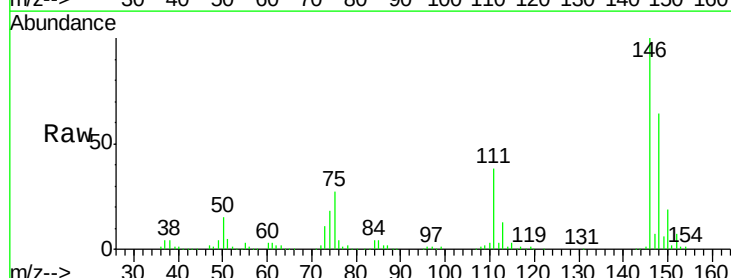
Manual Integrations  
 APPROVED

sam  
 2/16/2018 4:51:11 PM

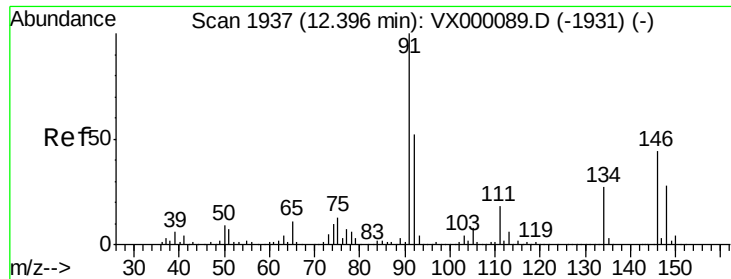


#88  
 1,4-Dichlorobenzene  
 Concen: 19.84 ug/l  
 RT: 12.11 min Scan# 1890  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.8  | 18.4  | 55.0  |
| 148     | 64.4  | 31.9  | 95.9  |







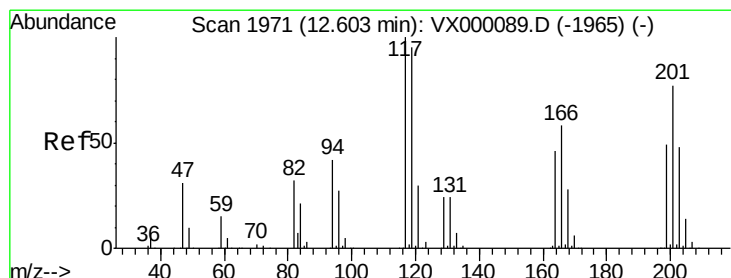
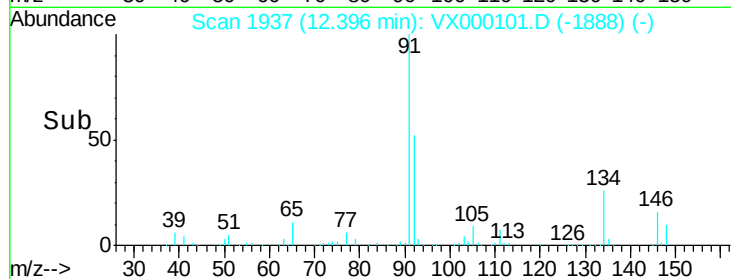
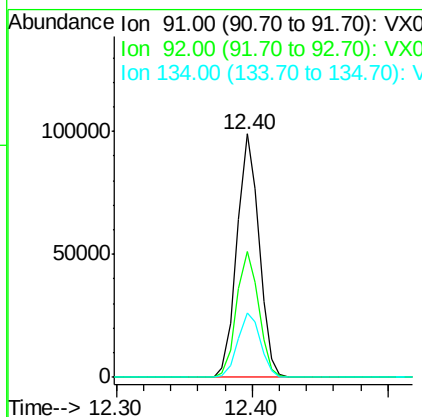
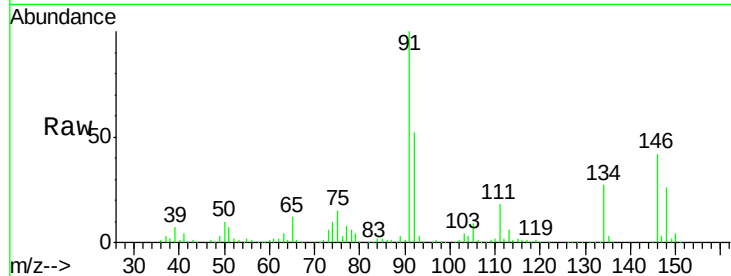
#89  
n-Butylbenzene  
Concen: 20.12 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 112154 |       |       |
| 92      | 51.8  | 26.2   | 78.6  |       |
| 134     | 27.3  | 14.3   | 42.9  |       |

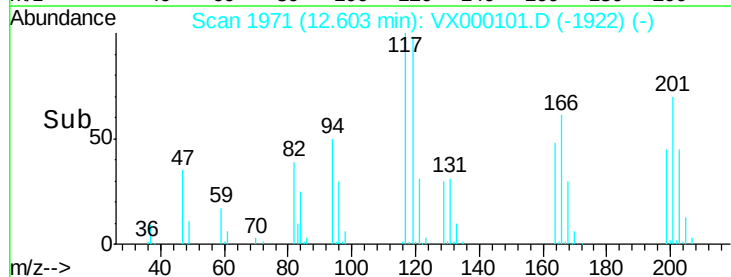
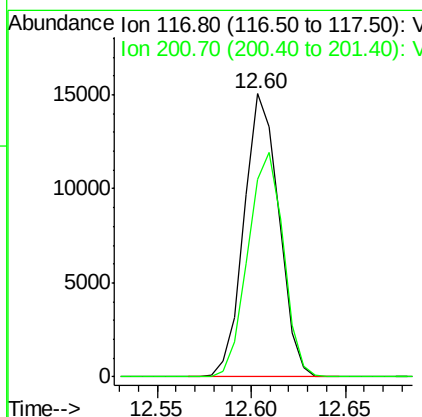
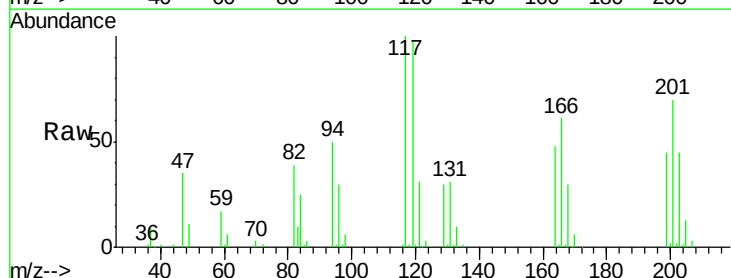
Manual Integrations  
APPROVED

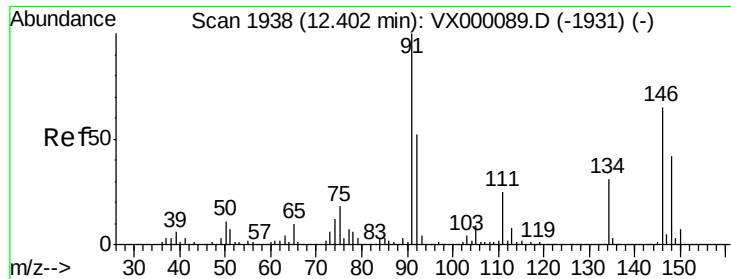
sam  
2/16/2018 4:51:11 PM



#90  
Hexachloroethane  
Concen: 20.12 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 19357 |       |       |
| 201     | 80.2  | 41.1  | 123.4 |       |





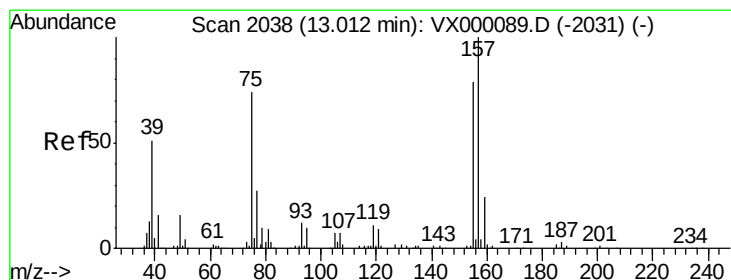
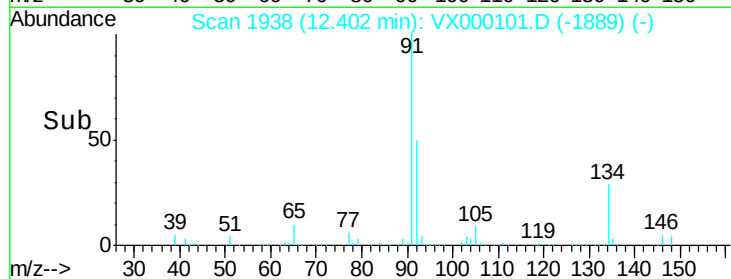
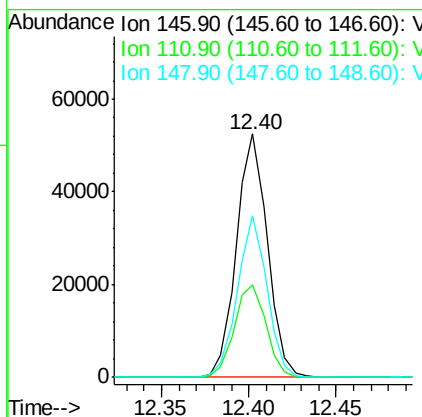
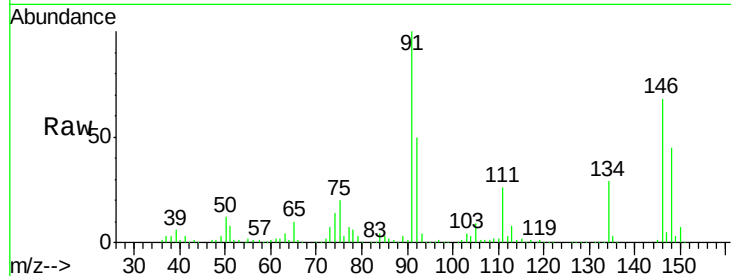
#91  
 1,2-Dichlorobenzene  
 Concen: 20.22 ug/l  
 RT: 12.40 min Scan# 1938  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

Instrument :  
 ClientSampled :  
 VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 19.6  | 58.8  |
| 148     | 63.3  | 32.4  | 97.0  |

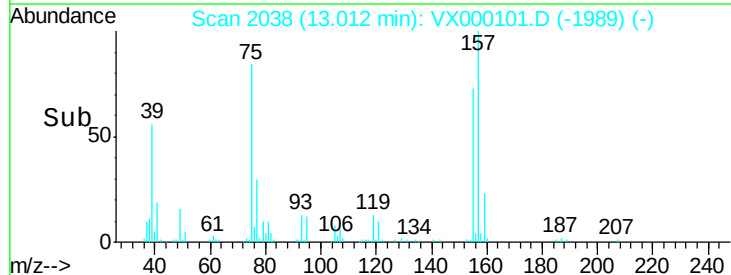
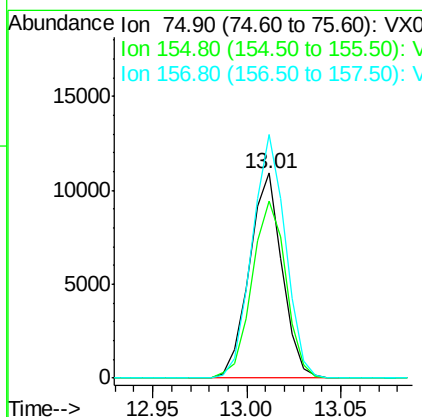
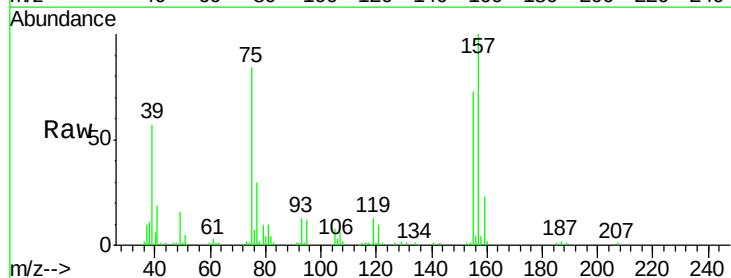
Manual Integrations  
 APPROVED

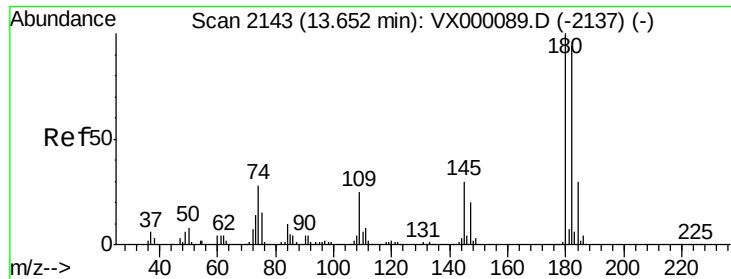
sam  
 2/16/2018 4:51:11 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.82 ug/l  
 RT: 13.01 min Scan# 2038  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 89.5  | 49.3  | 147.9 |
| 157     | 120.2 | 63.7  | 191.1 |





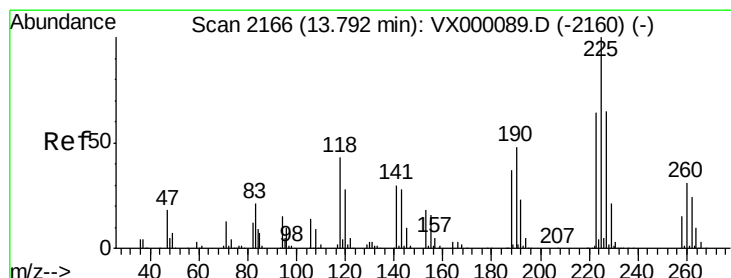
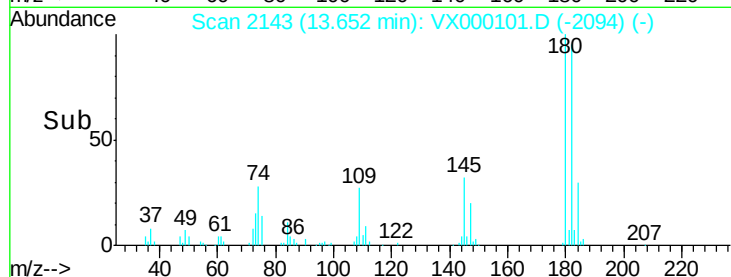
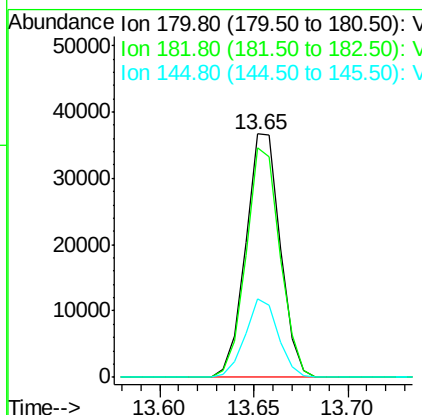
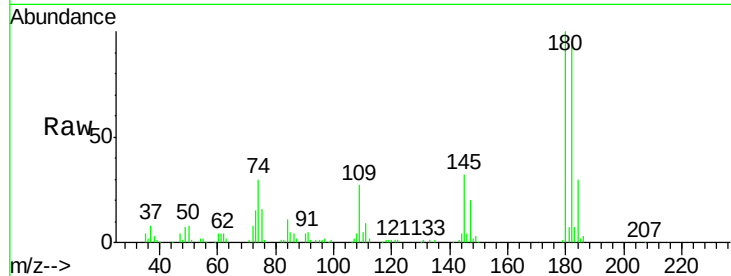
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.47 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

Instrument :  
 ClientSampleId :  
 VX0215WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 180   | Resp: | 46635 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.6  | 47.8  | 143.4 |
| 145       | 30.8  | 14.7  | 44.1  |

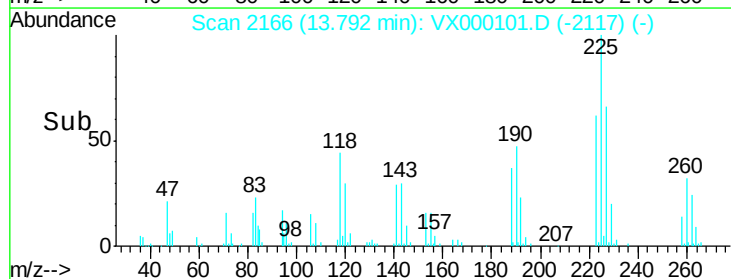
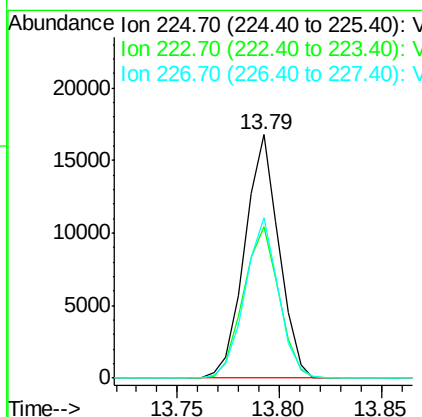
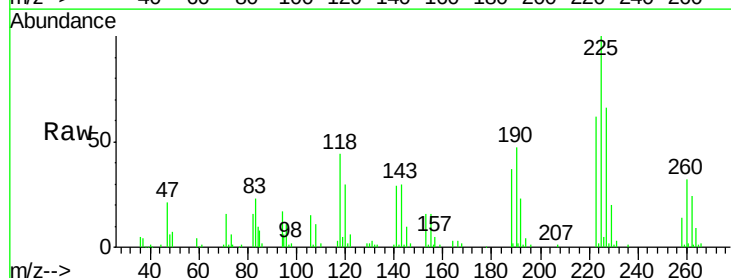
Manual Integrations  
 APPROVED

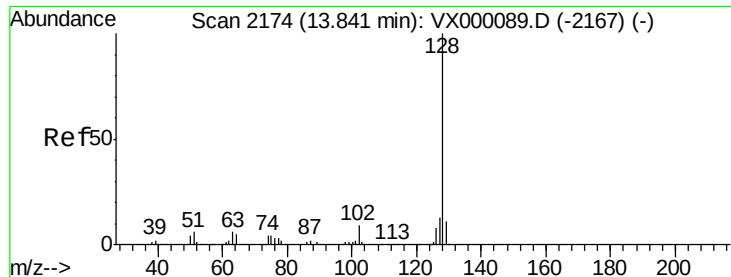
sam  
 2/16/2018 4:51:11 PM



#94  
 Hexachlorobutadiene  
 Concen: 18.65 ug/l  
 RT: 13.79 min Scan# 2166  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 18:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 19491 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.8  | 31.9  | 95.7  |
| 227       | 64.6  | 32.8  | 98.4  |





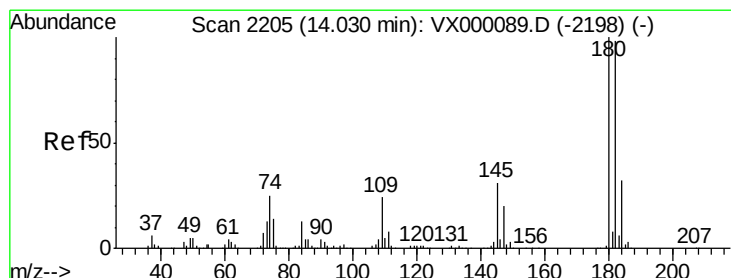
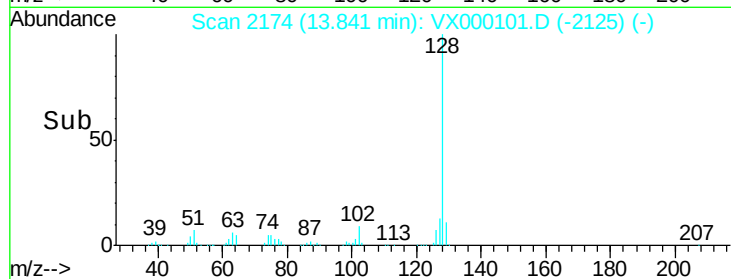
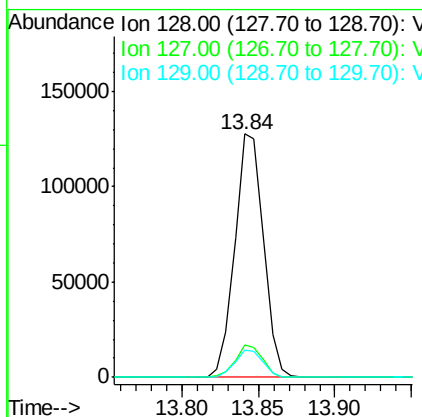
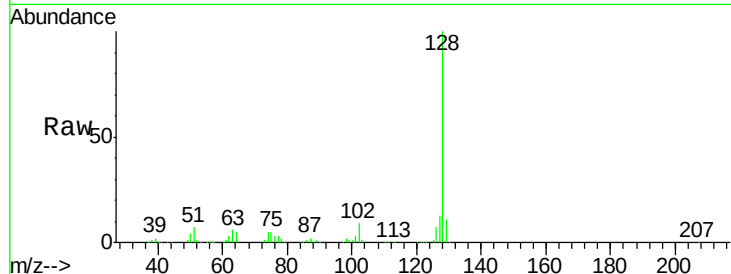
#95  
Naphthalene  
Concen: 20.35 ug/l  
RT: 13.84 min Scan# 2174  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

Instrument :  
ClientSampled :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.4  | 15.6  |
| 129     | 11.0  | 8.7   | 13.1  |

Manual Integrations  
APPROVED

sam  
2/16/2018 4:51:11 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 19.03 ug/l  
RT: 14.03 min Scan# 2205  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 48.2  | 144.6 |
| 145     | 33.1  | 15.3  | 45.9  |

