

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\  
 Data File : VX001597.D  
 Acq On : 10 May 2018 11:16  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 5/11/2018 1:06:43 PM

Quant Time: May 11 06:53:24 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sun May 06 07:59:25 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 284871   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 353846   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 338739   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 251135   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 184826   | 45.14 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.28% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 151847   | 48.25 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.50% |      |
| 50) Toluene-d8            | 8.72   | 98  | 557324   | 48.51 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.02% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 215198   | 48.80 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.60% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 175995  | 45.89  | ug/l | 100    |
| 3) Chloromethane              | 1.32 | 50  | 159858  | 42.80  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 168812  | 43.31  | ug/l | 98     |
| 5) Bromomethane               | 1.64 | 94  | 71951   | 39.62  | ug/l | 100    |
| 6) Chloroethane               | 1.72 | 64  | 111024  | 43.09  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 271423  | 46.27  | ug/l | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 101348  | 44.08  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 162655  | 47.30  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 192375  | 38.77  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.07 | 59  | 178178  | 206.40 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 138900  | 44.06  | ug/l | 96     |
| 13) Acrolein                  | 2.29 | 56  | 25692   | 146.12 | ug/l | 97     |
| 14) Allyl chloride            | 2.73 | 41  | 262733  | 44.70  | ug/l | 98     |
| 15) Acrylonitrile             | 3.15 | 53  | 414233  | 212.34 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 408496  | 219.71 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 333558  | 41.58  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 227608  | 46.60  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 493305  | 44.95  | ug/l | 98     |
| 20) Methylene Chloride        | 2.86 | 84  | 156351  | 42.47  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 148059  | 42.09  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.87 | 45  | 515973  | 46.99  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.82 | 43  | 2164755 | 236.54 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 279803  | 45.61  | ug/l | 100    |
| 25) 2-Butanone                | 4.71 | 43  | 598405  | 222.66 | ug/l | 96     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 236202  | 49.86  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 169240  | 45.17  | ug/l | 98     |
| 28) Bromochloromethane        | 5.03 | 49  | 137079  | 51.54  | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.17 | 42  | 372614  | 216.69 | ug/l | 100    |
| 30) Chloroform                | 5.21 | 83  | 298408  | 47.23  | ug/l | 99     |
| 31) Cyclohexane               | 5.57 | 56  | 247876  | 47.05  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 267249  | 48.39  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 218623  | 48.57  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.87 | 43  | 225954  | 45.80  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 240654  | 50.13  | ug/l | 97     |

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\  
 Data File : VX001597.D  
 Acq On : 10 May 2018 11:16  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 5/11/2018 1:06:43 PM

Quant Time: May 11 06:53:24 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sun May 06 07:59:25 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 271112   | 50.95  | ug/l   | 99       |
| 40) Benzene                    | 6.15  | 78   | 639370   | 48.63  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.06  | 41   | 130912   | 46.37  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 244775   | 48.44  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.47  | 43   | 364660   | 48.14  | ug/l   | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 197024   | 49.03  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 161562   | 49.29  | ug/l   | 100      |
| 46) Dibromomethane             | 7.67  | 93   | 111557   | 48.08  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 218811   | 50.96  | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.78  | 41   | 196778   | 47.71  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.76  | 88   | 78069    | 876.15 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 1224777  | 243.34 | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 430398   | 50.07  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 256851   | 52.93  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 235754   | 47.12  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 166429   | 48.06  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 249124   | 49.90  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 276470   | 48.28  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 606738   | 247.79 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.50  | 43   | 928914   | 241.02 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 182506   | 51.46  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 176931   | 48.66  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 236439   | 50.08  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 484719   | 48.79  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 179247   | 50.44  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 814714   | 50.03  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.37 | 106  | 654502   | 101.73 | ug/l   | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 317783   | 50.82  | ug/l   | 100      |
| 70) Styrene                    | 10.72 | 104  | 523304   | 51.52  | ug/l   | 99       |
| 71) Bromoform                  | 10.87 | 173  | 147515   | 43.65  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 863256   | 49.65  | ug/l   | 100      |
| 74) N-amyl acetate             | 6.47  | 43   | 364660   | 46.18  | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 240039   | 46.75  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 239173m  | 46.96  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 239466   | 47.38  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.37 | 91   | 979350   | 51.73  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 571664   | 49.07  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 726340   | 50.18  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 68649    | 43.58  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.52 | 91   | 672804   | 50.06  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 712685   | 49.48  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 755734   | 50.80  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 897658   | 51.93  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 828694   | 52.26  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 442404   | 48.96  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 449835   | 48.81  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.40 | 91   | 696767   | 53.03  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 124951   | 52.33  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 442965   | 48.19  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 54956    | 48.71  | ug/l   | 100      |

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\  
Data File : VX001597.D  
Acq On : 10 May 2018 11:16  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

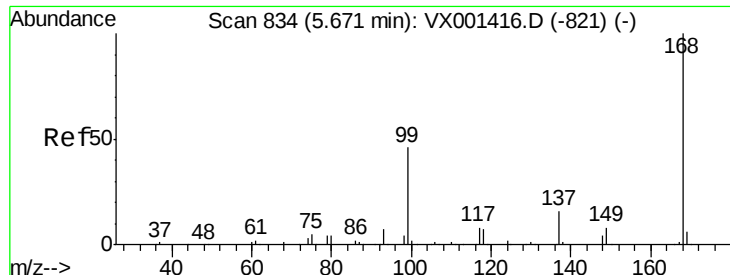
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5/11/2018 1:06:43 PM

Quant Time: May 11 06:53:24 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050518W.M  
Quant Title : SW846 8260  
QLast Update : Sun May 06 07:59:25 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 344497   | 51.21 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 192290   | 52.24 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 937451   | 50.39 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 349377   | 50.62 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 284871

Ion Ratio Lower Upper

168 100

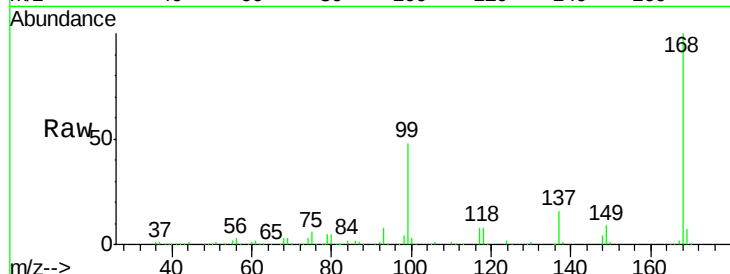
99 47.9 36.6 54.8

Manual Integrations

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5/11/2018 1:06:43 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

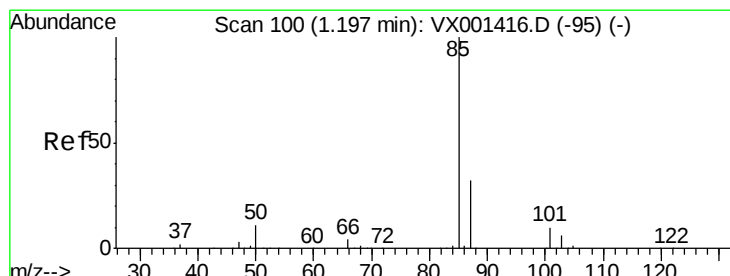
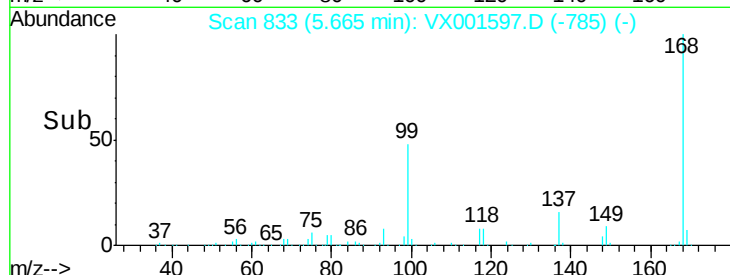
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 45.89 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001597.D

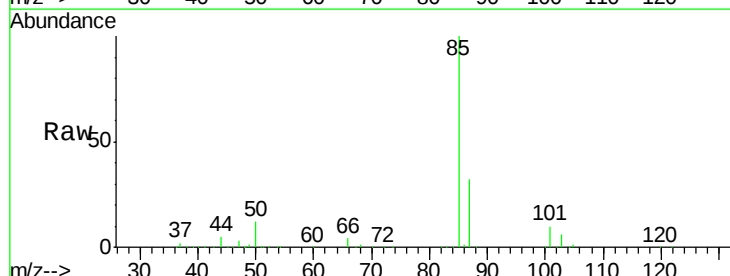
Acq: 10 May 2018 11:16

Tgt Ion: 85 Resp: 175995

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

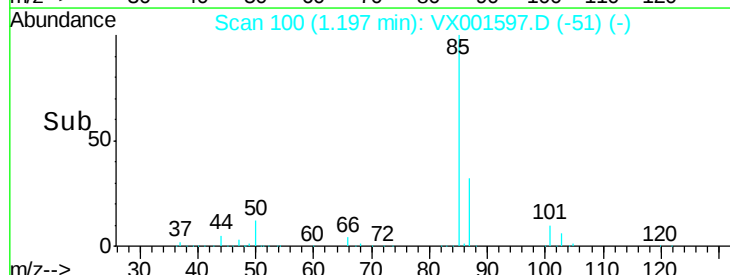
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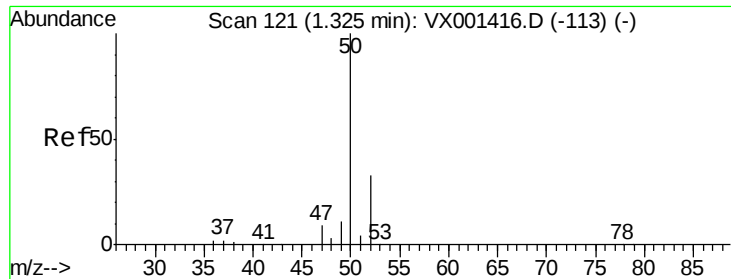
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0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 42.80 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 159858

Ion Ratio Lower Upper

50 100

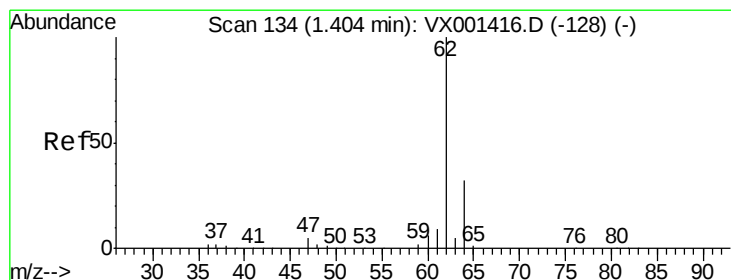
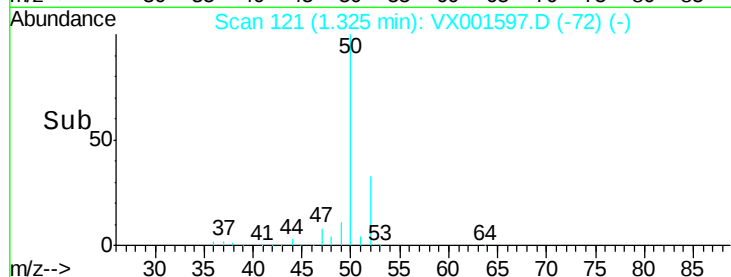
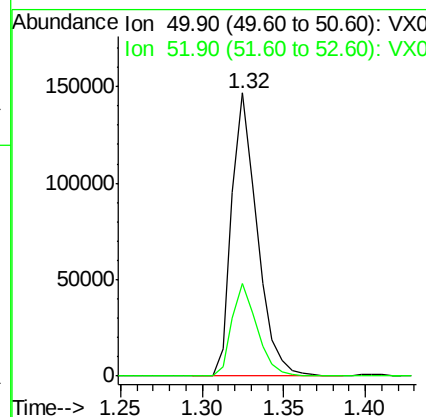
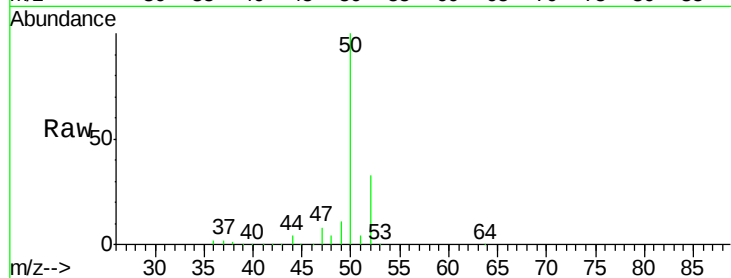
52 32.6 26.2 39.4

Manual Integrations

APPROVED

apatel

5/11/2018 1:06:43 PM



#4

Vinyl Chloride

Concen: 43.31 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001597.D

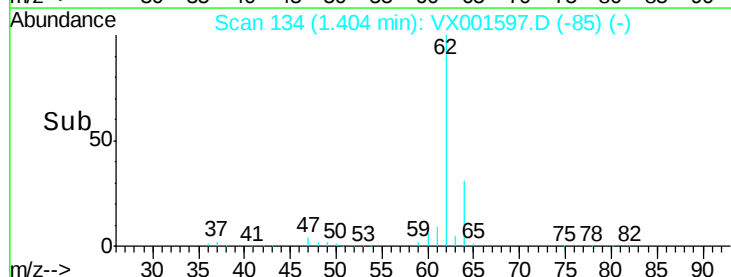
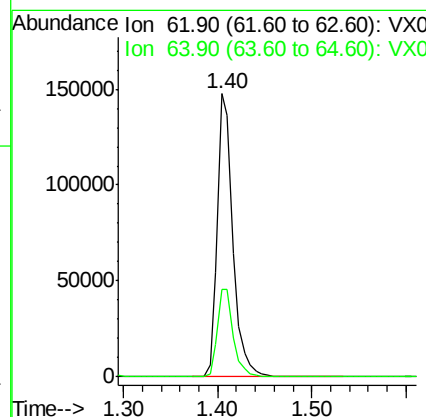
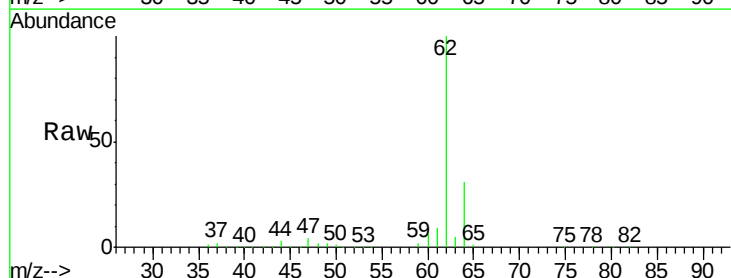
Acq: 10 May 2018 11:16

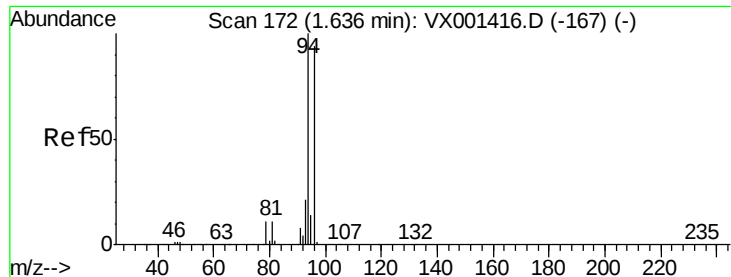
Tgt Ion: 62 Resp: 168812

Ion Ratio Lower Upper

62 100

64 31.0 25.8 38.6





#5

Bromomethane

Concen: 39.62 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 71951

Ion Ratio Lower Upper

94 100

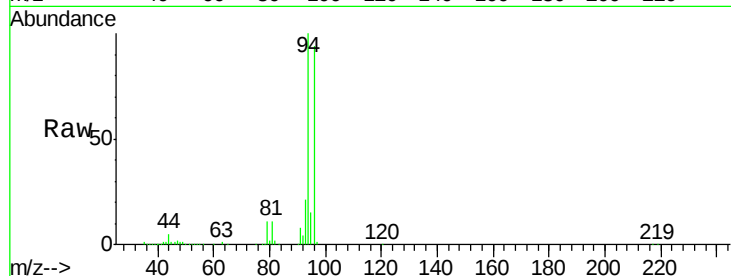
96 93.6 75.0 112.6

Manual Integrations

APPROVED

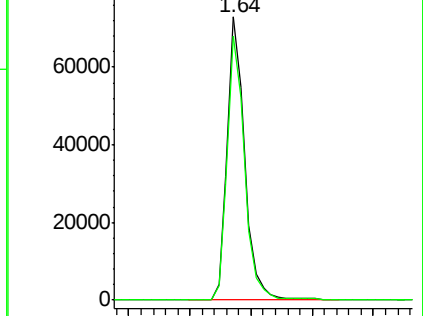
apatel

5/11/2018 1:06:43 PM

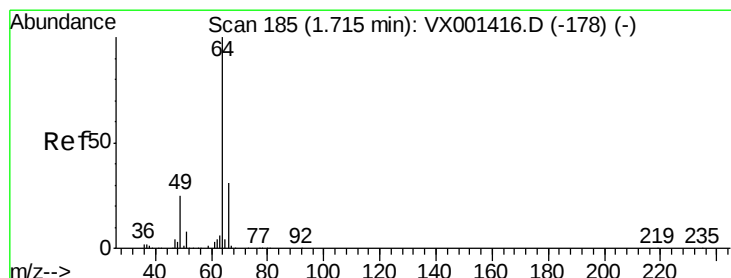
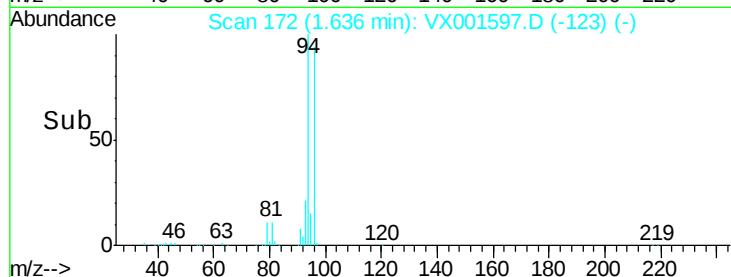


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 43.09 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001597.D

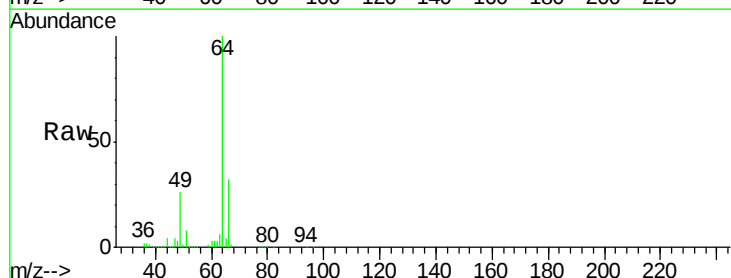
Acq: 10 May 2018 11:16

Tgt Ion: 64 Resp: 111024

Ion Ratio Lower Upper

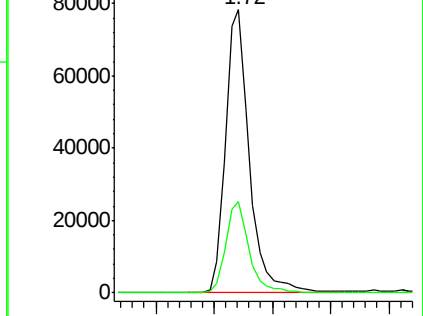
64 100

66 32.3 25.1 37.7

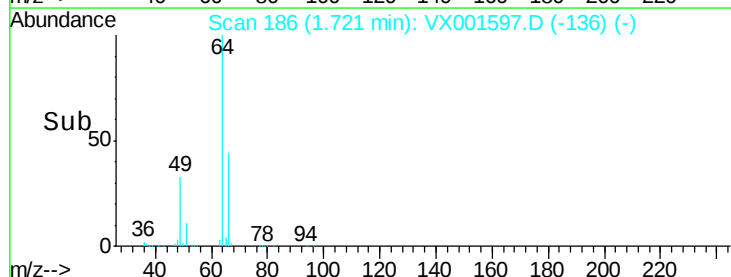


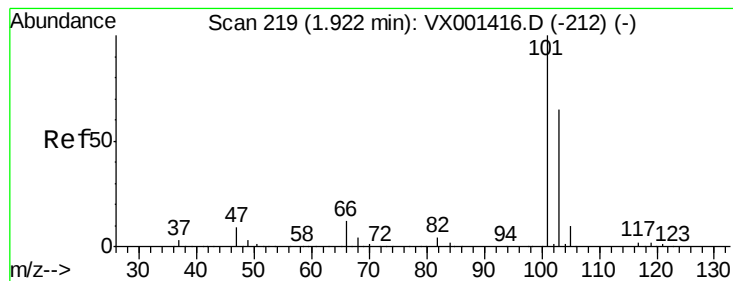
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





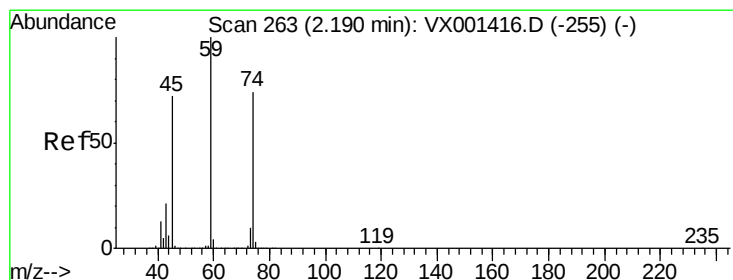
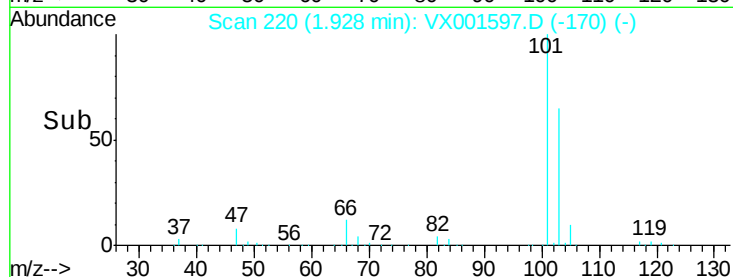
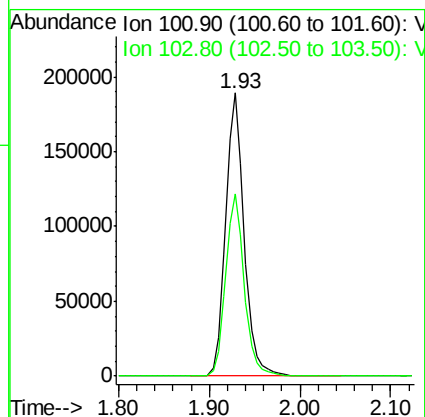
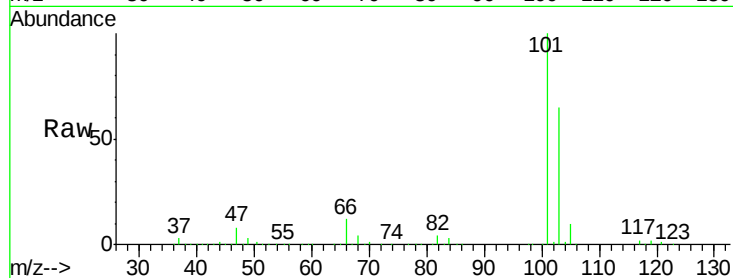
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 Trichlorofluoromethane  
 Concen: 46.27 ug/l  
 RT: 1.93 min Scan# 220  
 Delta R.T. 0.01 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:101 Resp: 271423  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 52.0 78.0

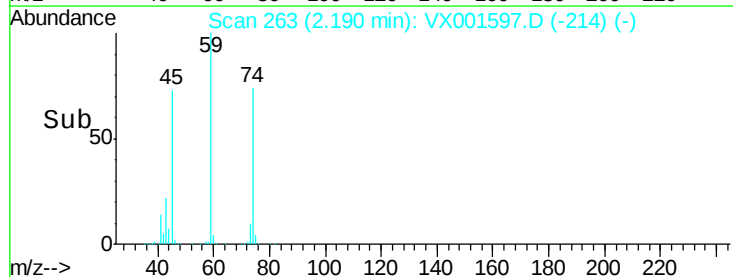
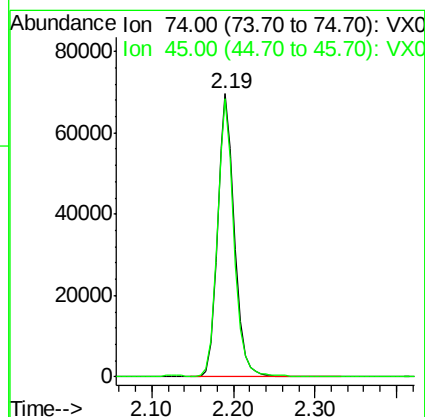
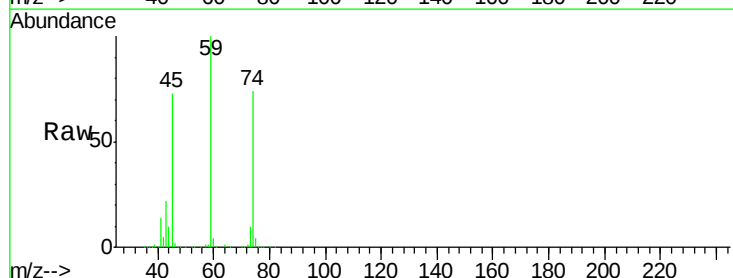
Manual Integrations  
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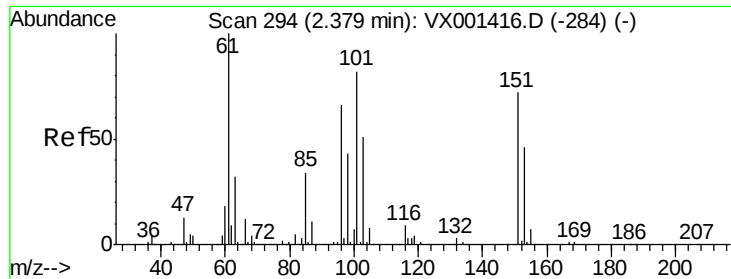
apatel  
 5/11/2018 1:06:43 PM



#8  
 Diethyl Ether  
 Concen: 44.08 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Tgt Ion: 74 Resp: 101348  
 Ion Ratio Lower Upper  
 74 100  
 45 96.1 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.30 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

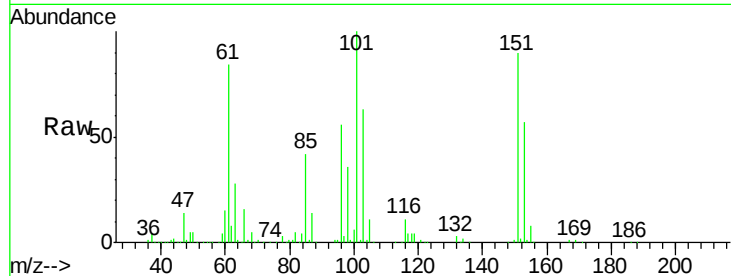
ClientSampled :

VSTDCCC050

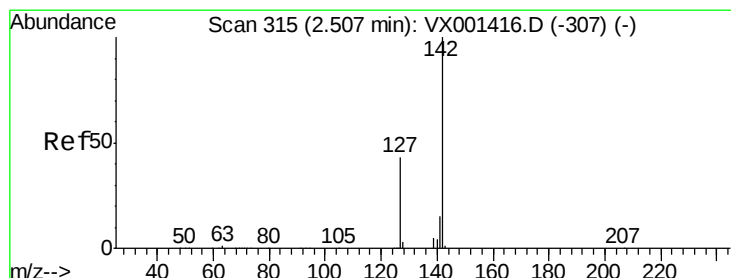
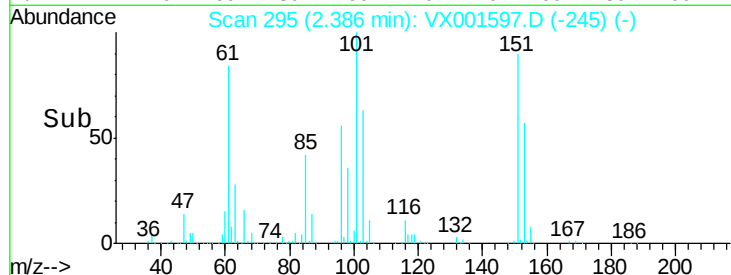
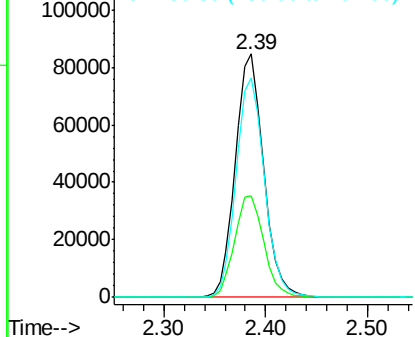
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 162655 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.1  | 33.7  | 50.5   |
| 151       | 90.5  | 72.3  | 108.5  |

Manual Integrations  
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Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.77 ug/l

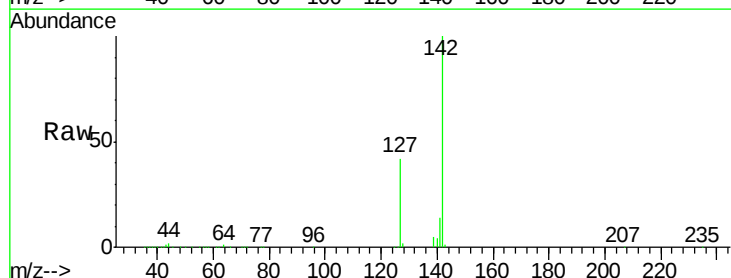
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

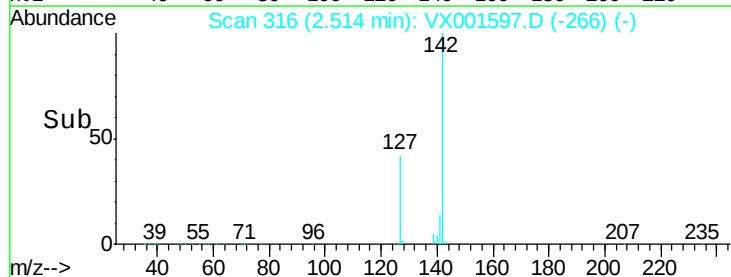
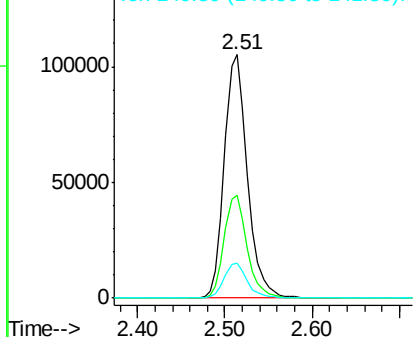
Lab File: VX001597.D

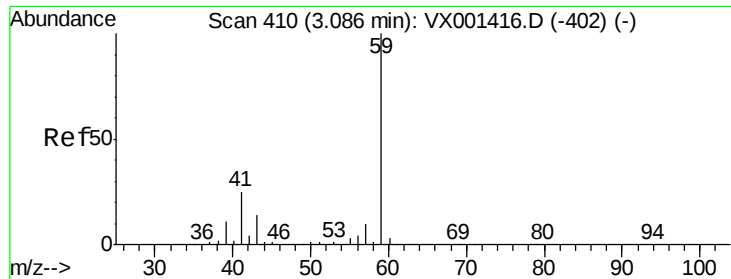
Acq: 10 May 2018 11:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 192375 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.2  | 33.6  | 50.4   |
| 141       | 14.3  | 11.4  | 17.2   |



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





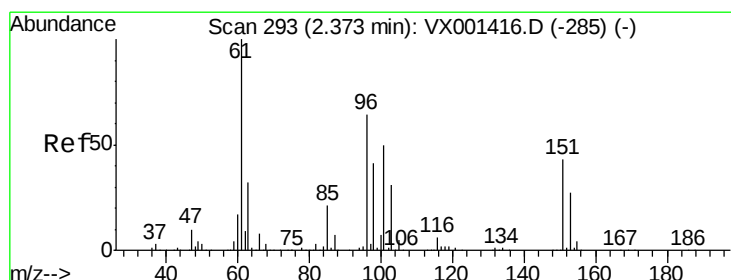
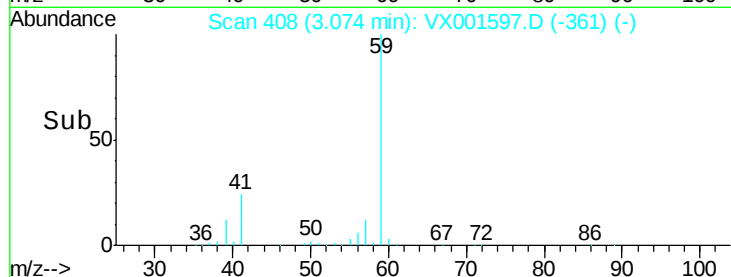
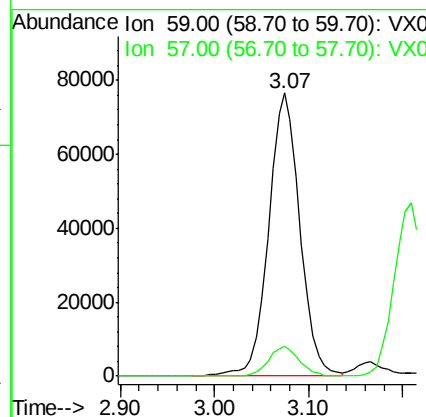
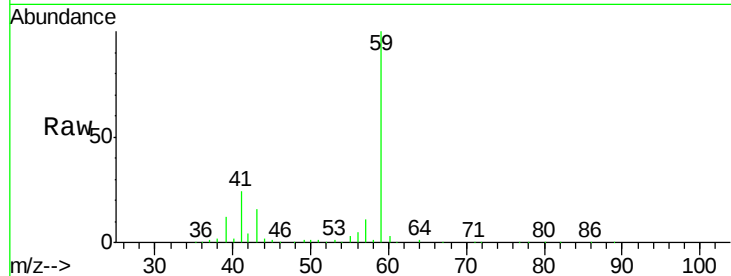
#11  
Tert butyl alcohol  
Concen: 206.40 ug/l  
RT: 3.07 min Scan# 408  
Delta R.T. -0.01 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 59 Resp: 178178  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.2 12.4

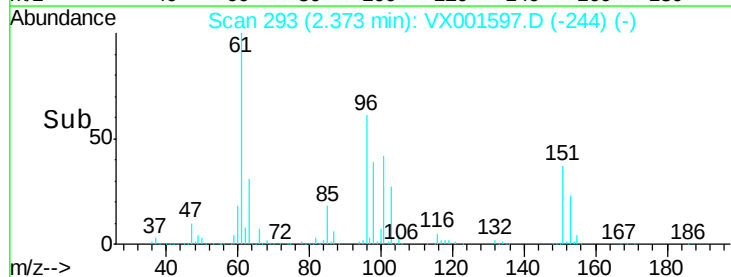
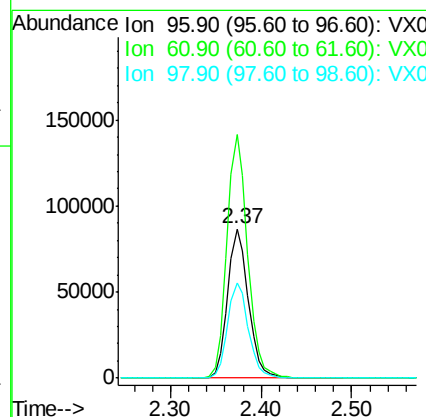
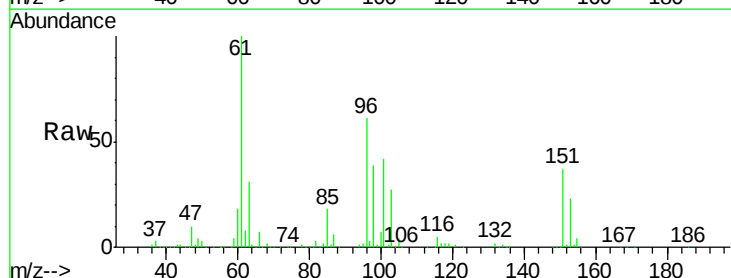
Manual Integrations  
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#12  
1,1-Dichloroethene  
Concen: 44.06 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Tgt Ion: 96 Resp: 138900  
Ion Ratio Lower Upper  
96 100  
61 163.6 125.7 188.5  
98 64.1 52.0 78.0





#13

Acrolein

Concen: 146.12 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 25692

Ion Ratio Lower Upper

56 100

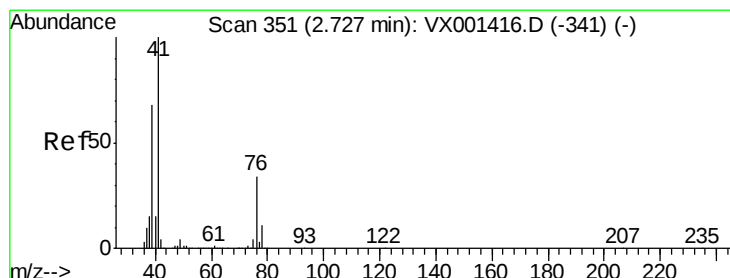
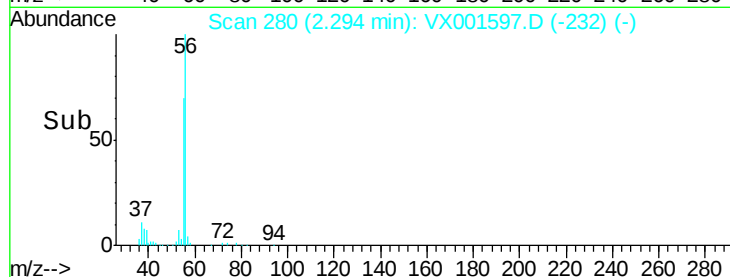
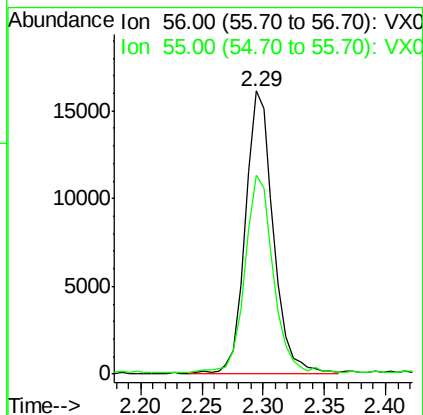
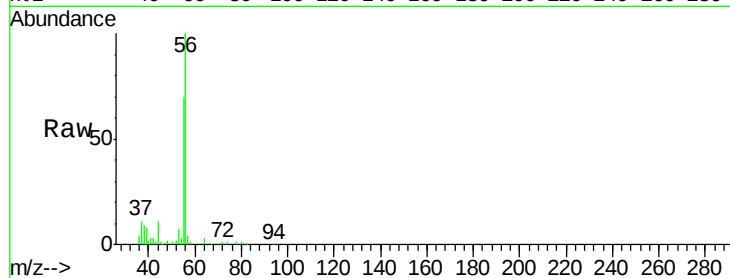
55 70.7 54.5 81.7

Manual Integrations

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#14

Allyl chloride

Concen: 44.70 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

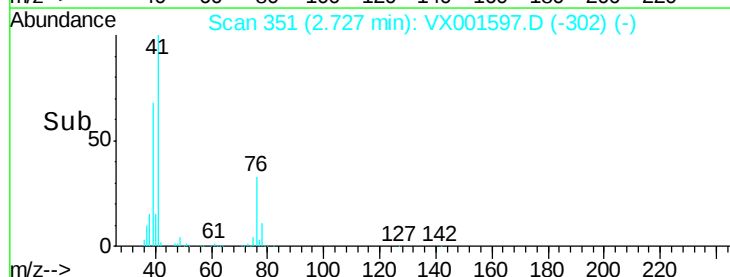
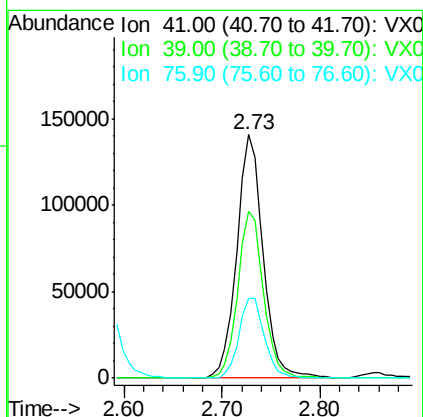
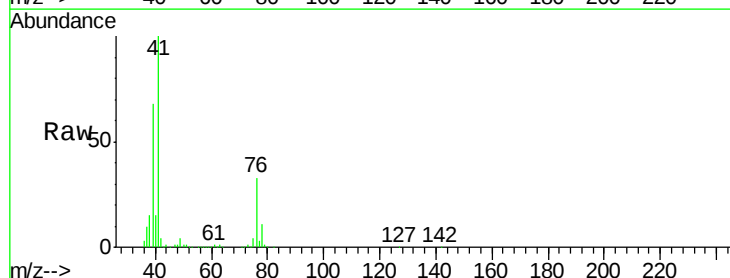
Tgt Ion: 41 Resp: 262733

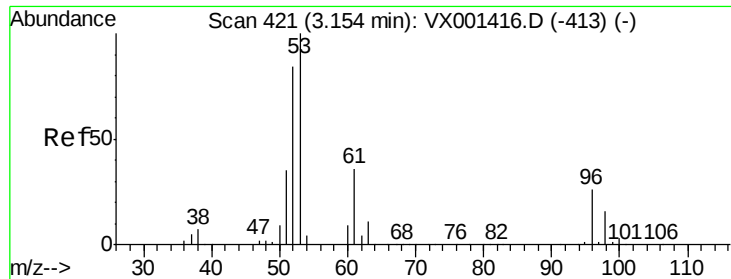
Ion Ratio Lower Upper

41 100

39 66.9 52.4 78.6

76 31.6 25.8 38.6





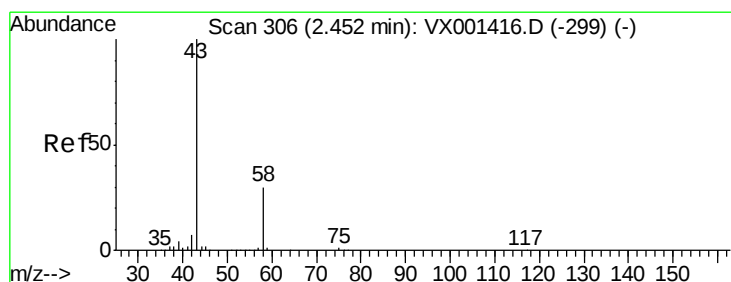
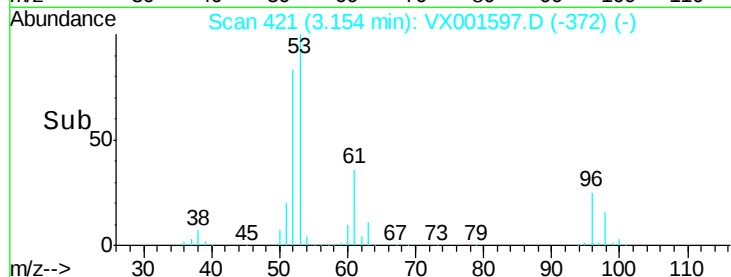
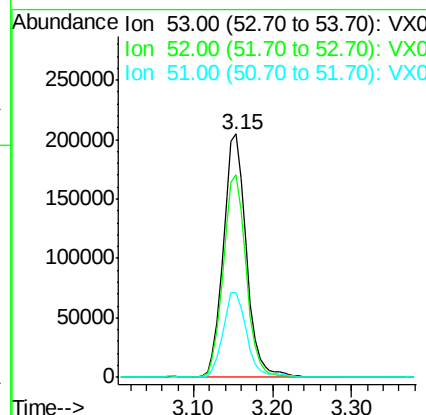
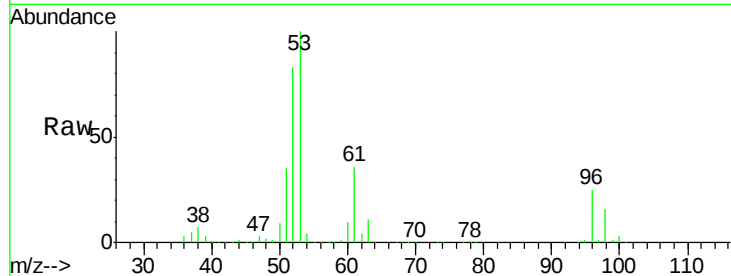
#15  
 Acrylonitrile  
 Concen: 212.34 ug/l  
 RT: 3.15 min Scan# 421  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 83.3  | 66.2  | 99.2  |
| 51      | 36.3  | 28.6  | 43.0  |

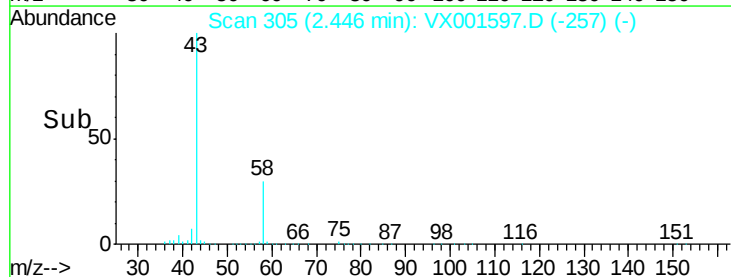
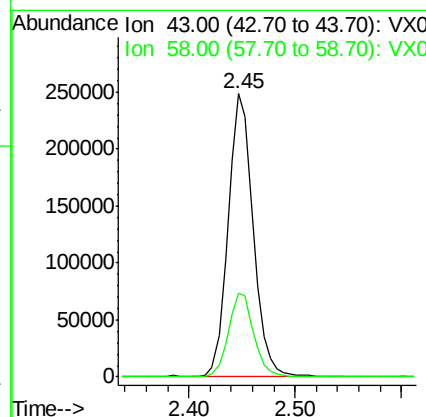
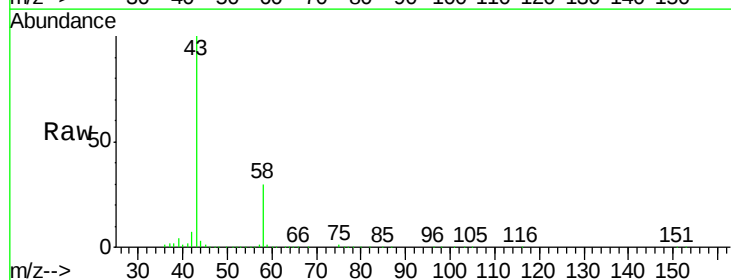
Manual Integrations  
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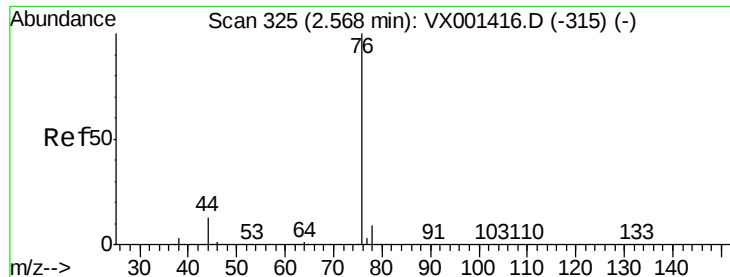
apatel  
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#16  
 Acetone  
 Concen: 219.71 ug/l  
 RT: 2.45 min Scan# 305  
 Delta R.T. -0.01 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 29.7  | 23.8  | 35.8  |





#17

Carbon Disulfide

Concen: 41.58 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 333558

Ion Ratio Lower Upper

76 100

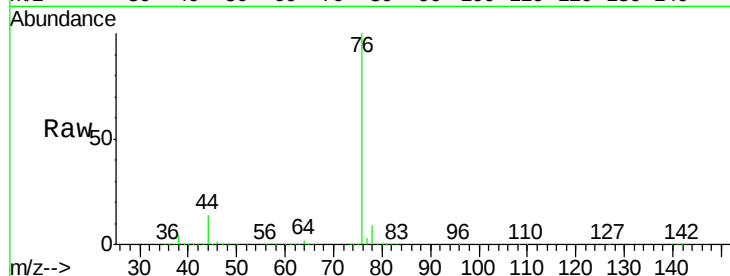
78 9.0 7.4 11.2

Manual Integrations

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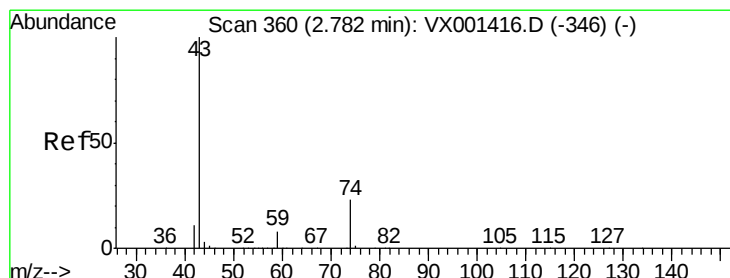
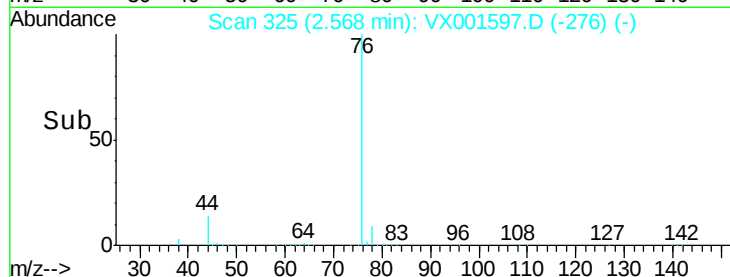
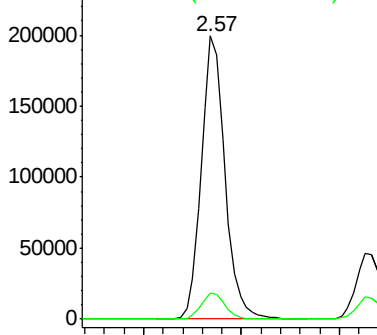
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.60 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001597.D

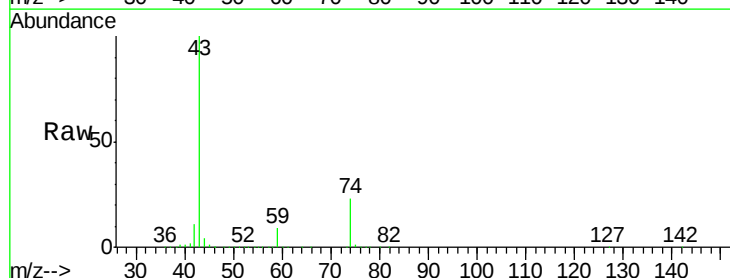
Acq: 10 May 2018 11:16

Tgt Ion: 43 Resp: 227608

Ion Ratio Lower Upper

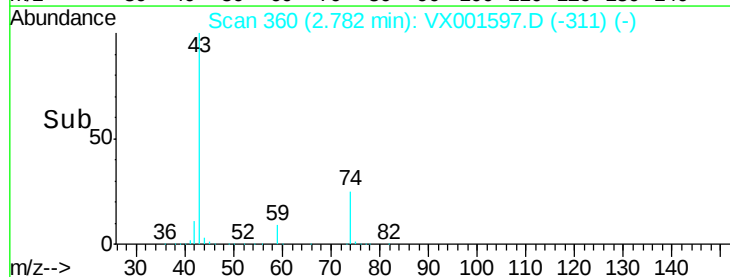
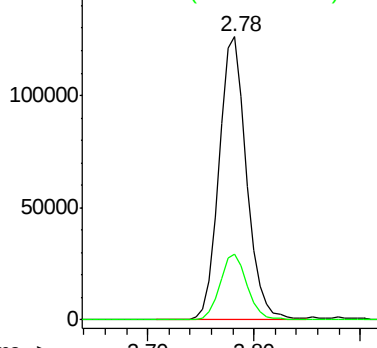
43 100

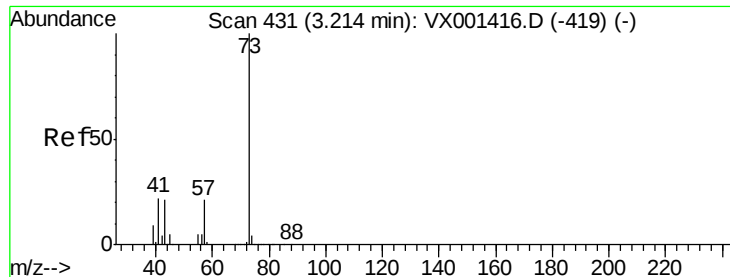
74 23.4 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





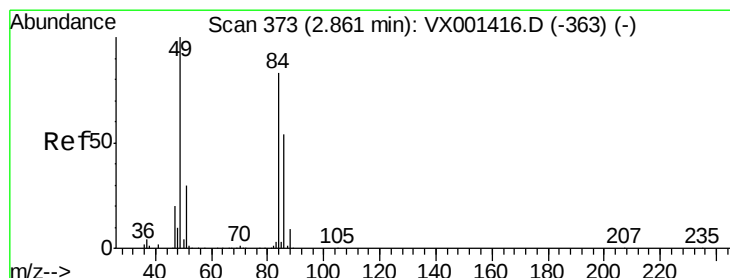
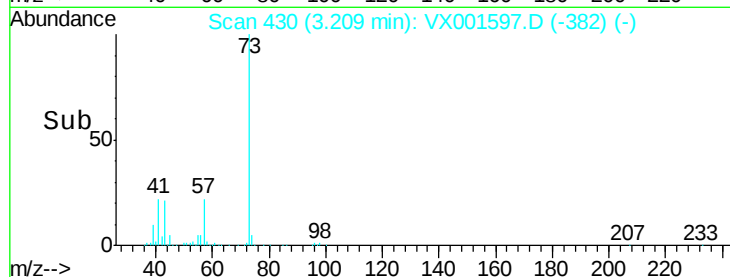
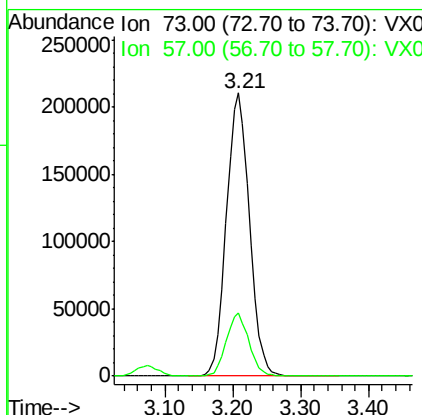
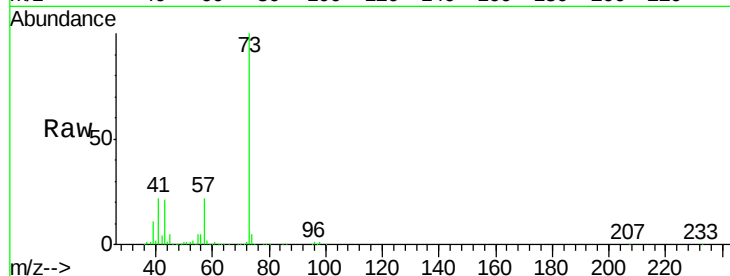
#19  
Methvl tert-butvl Ether  
Concen: 44.95 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. -0.01 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.3  | 17.0  | 25.6  |

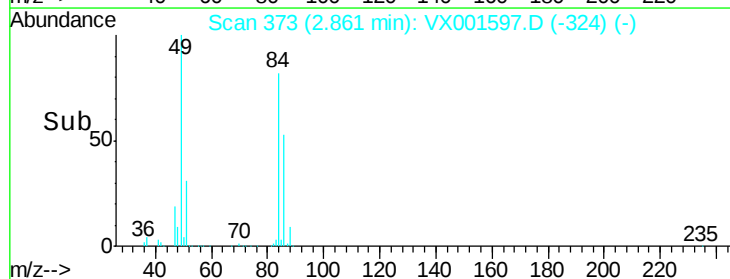
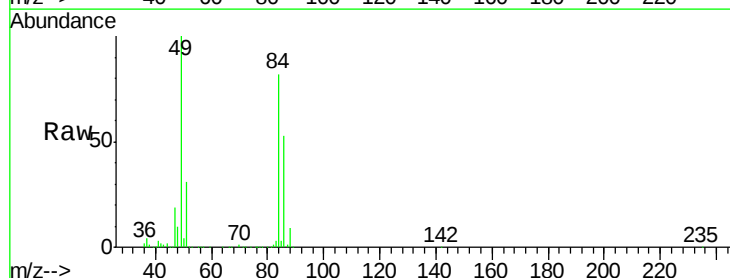
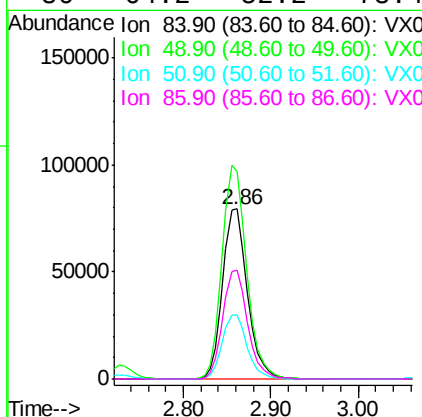
Manual Integrations  
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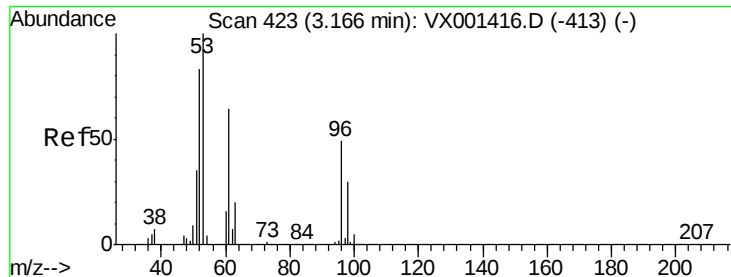
apatel  
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#20  
Methylene Chloride  
Concen: 42.47 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 122.0 | 96.6  | 144.8 |
| 51      | 37.8  | 29.0  | 43.4  |
| 86      | 64.2  | 52.2  | 78.4  |





#21

trans-1,2-Dichloroethene

Concen: 42.09 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

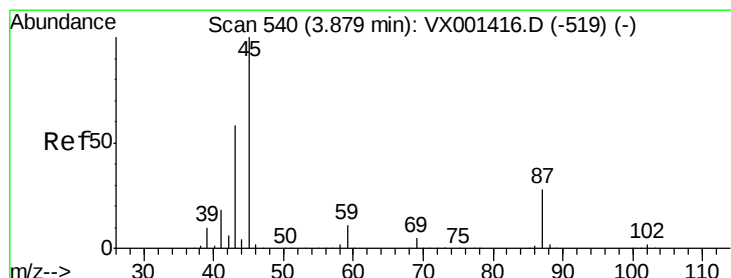
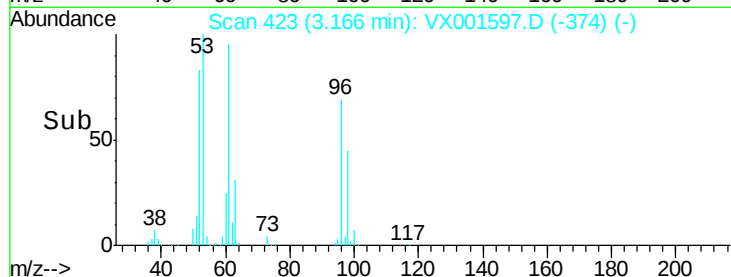
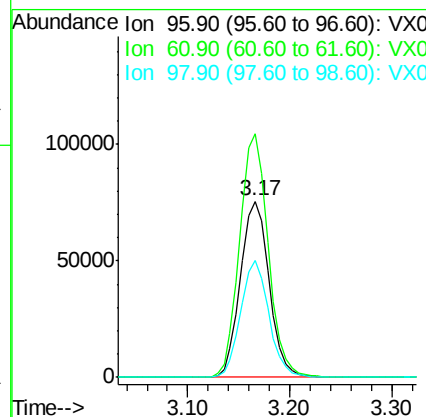
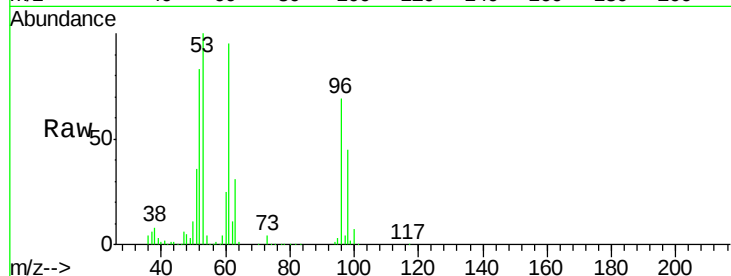
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 148059 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 138.0 | 105.0 | 157.4  |
| 98       | 66.0  | 49.9  | 74.9   |

Manual Integrations  
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apatel  
5/11/2018 1:06:43 PM



#22

Diisopropyl ether

Concen: 46.99 ug/l

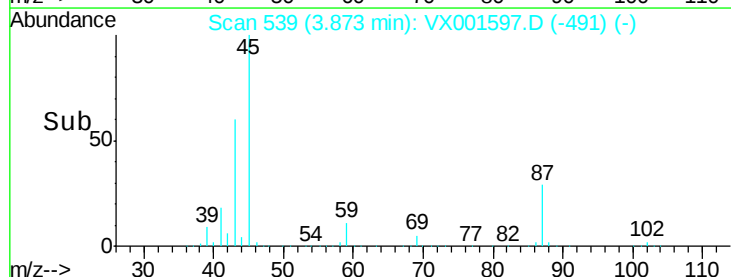
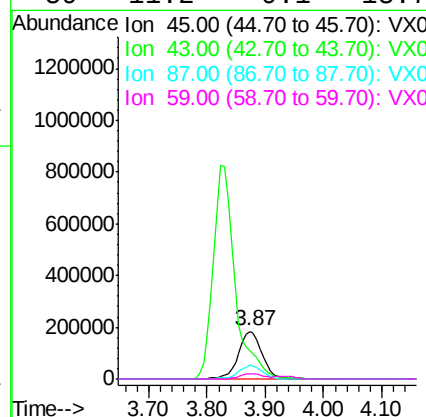
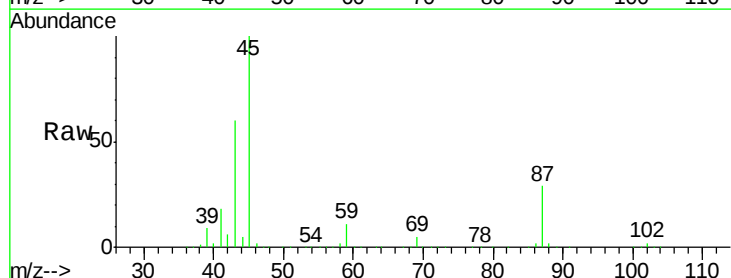
RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 515973 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 59.4  | 46.5  | 69.7   |
| 87       | 28.9  | 22.6  | 34.0   |
| 59       | 11.2  | 9.1   | 13.7   |





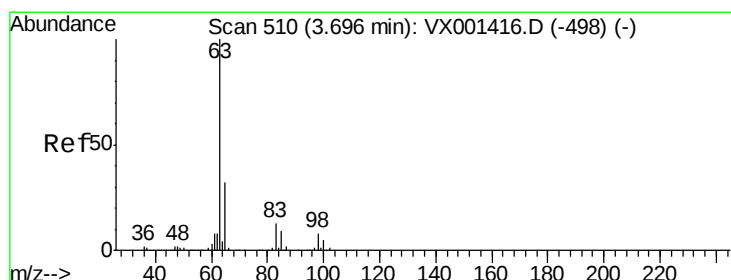
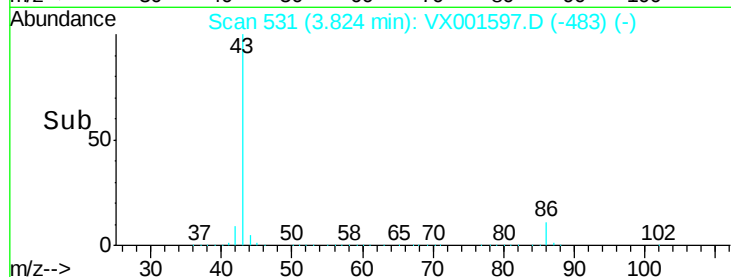
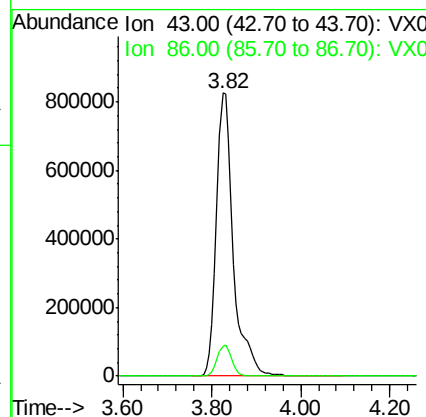
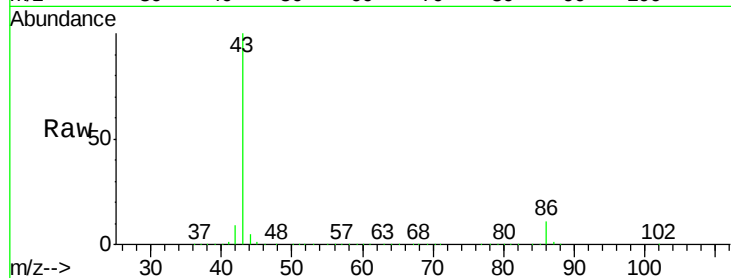
#23  
 Vinyl Acetate  
 Concen: 236.54 ug/l  
 RT: 3.82 min Scan# 531  
 Delta R.T. -0.01 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 2164755  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 8.6 13.0

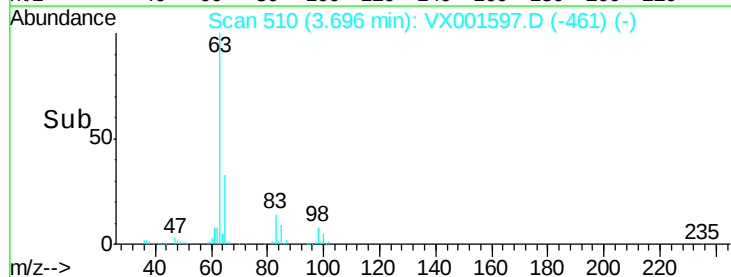
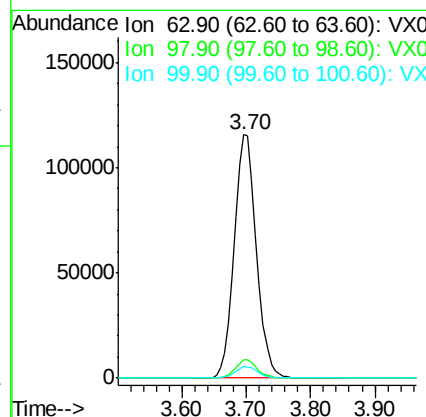
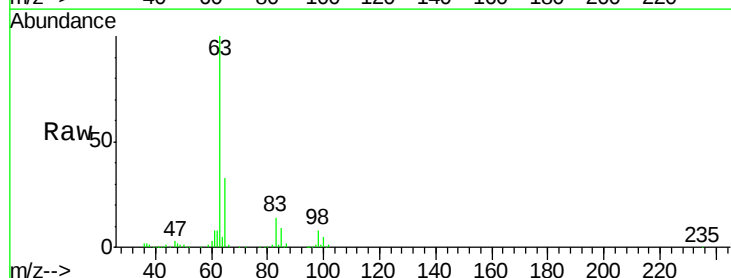
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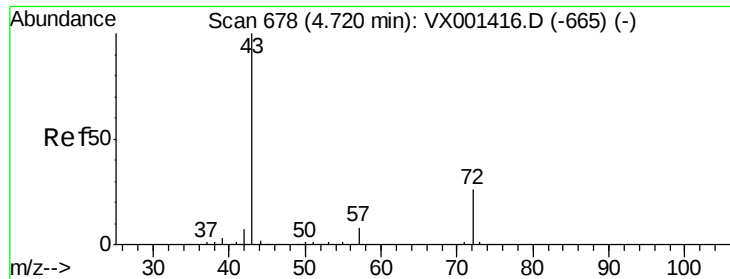
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#24  
 1,1-Dichloroethane  
 Concen: 45.61 ug/l  
 RT: 3.70 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Tgt Ion: 63 Resp: 279803  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.8 11.4  
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 222.66 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 598405

Ion Ratio Lower Upper

43 100

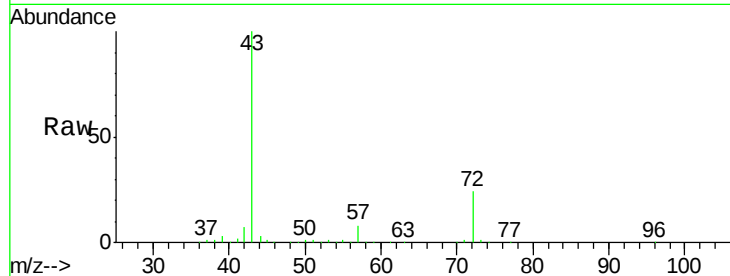
72 24.0 20.7 31.1

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

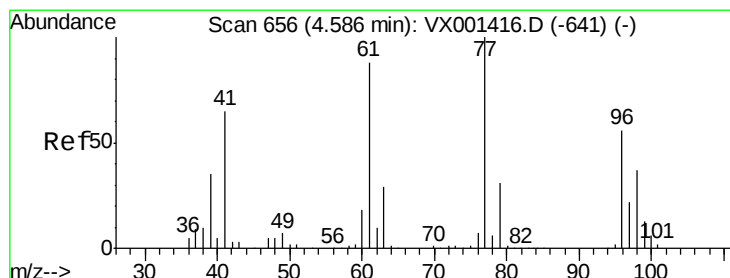
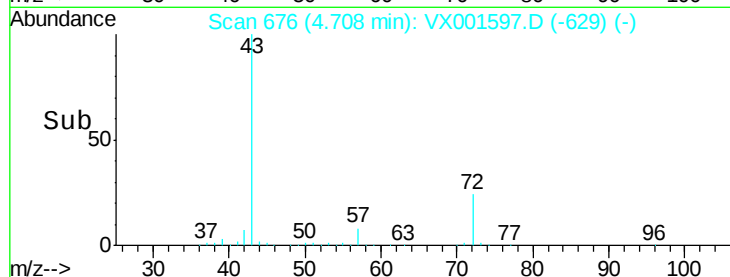
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 49.86 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001597.D

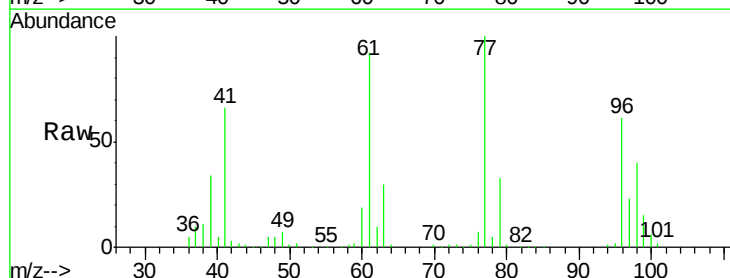
Acq: 10 May 2018 11:16

Tgt Ion: 77 Resp: 236202

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

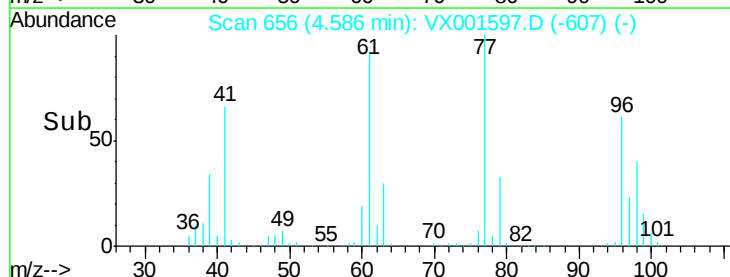
40000

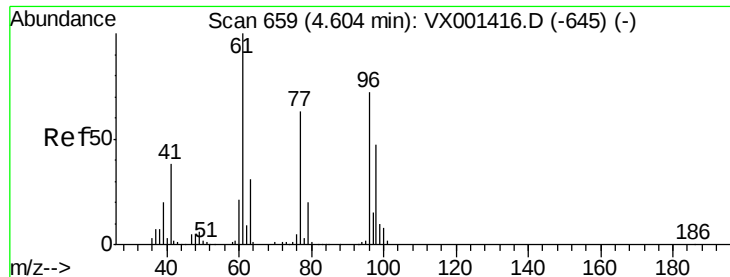
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

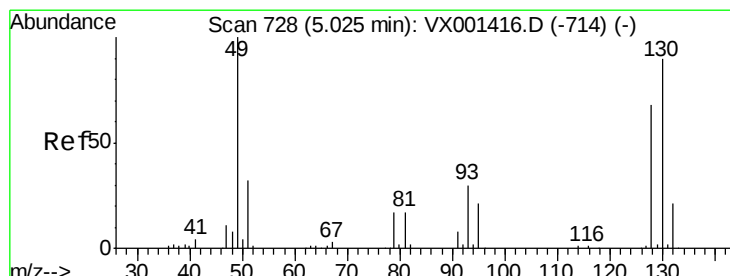
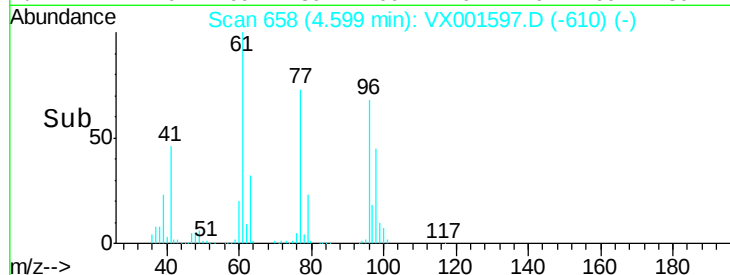
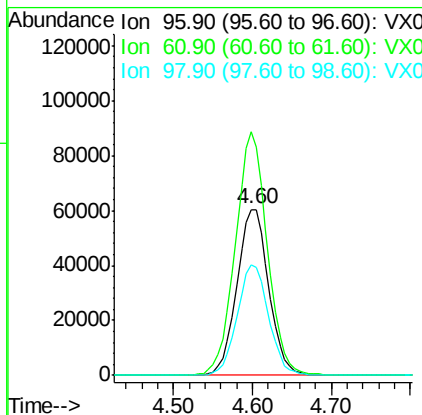
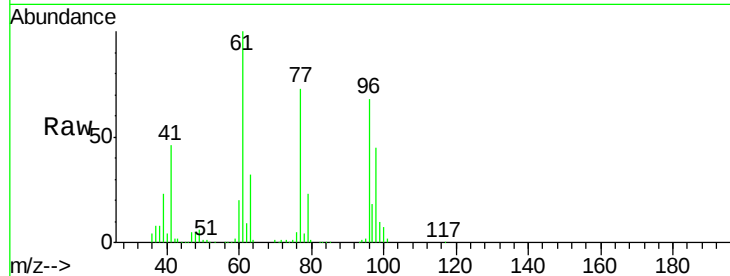
cis-1,2-Dichloroethene  
 Concen: 45.17 ug/l  
 RT: 4.60 min Scan# 658  
 Delta R.T. -0.01 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 169240 |       |       |
| 61      | 147.6 | 0.0    | 301.6 |       |
| 98      | 66.0  | 0.0    | 131.6 |       |

Manual Integrations  
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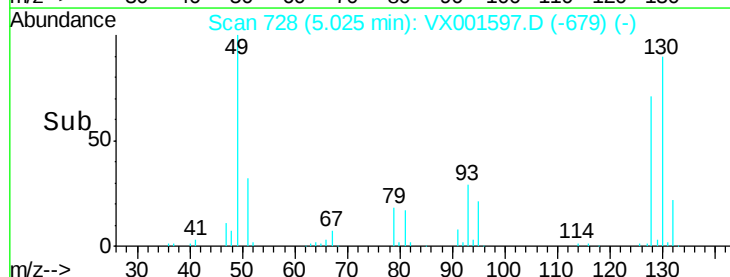
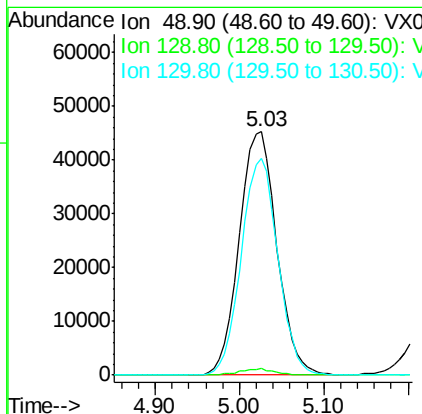
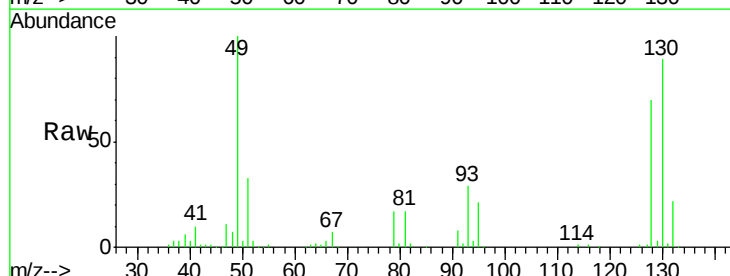
apatel  
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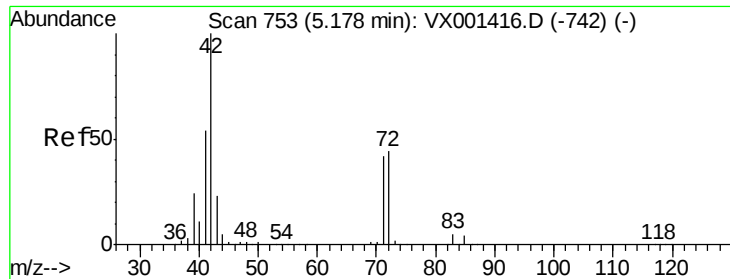


#28

Bromochloromethane  
 Concen: 51.54 ug/l  
 RT: 5.03 min Scan# 728  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 137079 |       |       |
| 129     | 2.4   | 0.0    | 4.8   |       |
| 130     | 87.0  | 71.9   | 107.9 |       |





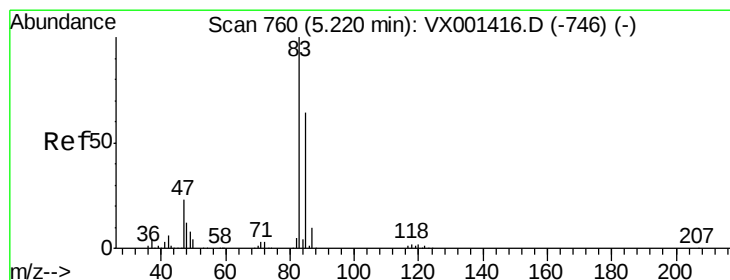
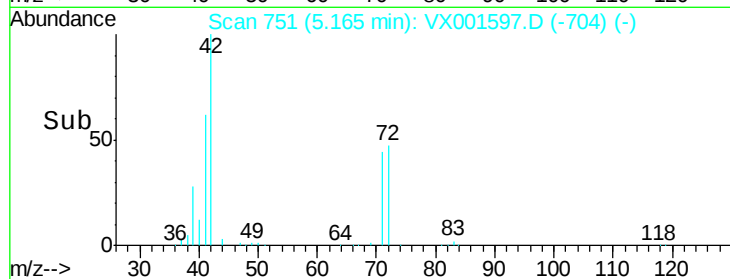
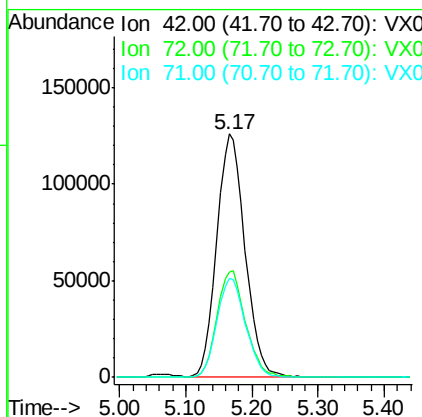
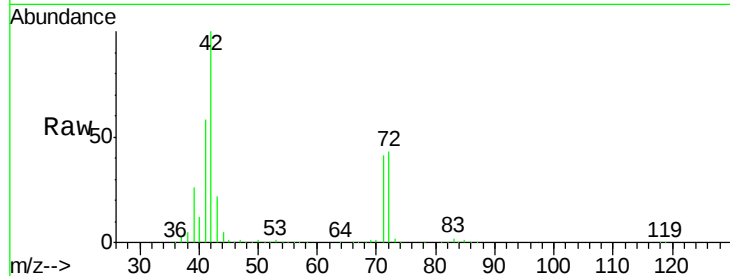
#29  
Tetrahydrofuran  
Concen: 216.69 ug/l  
RT: 5.17 min Scan# 751  
Delta R.T. -0.01 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.5  | 35.4  | 53.2  |
| 71      | 41.3  | 33.0  | 49.4  |

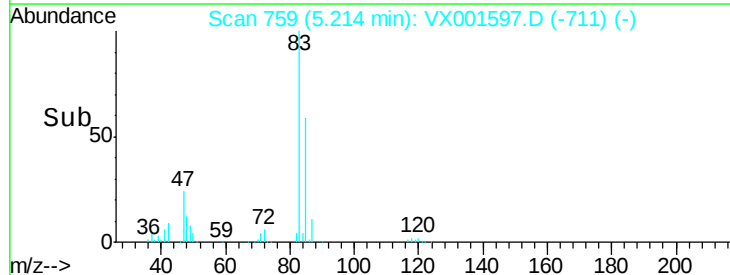
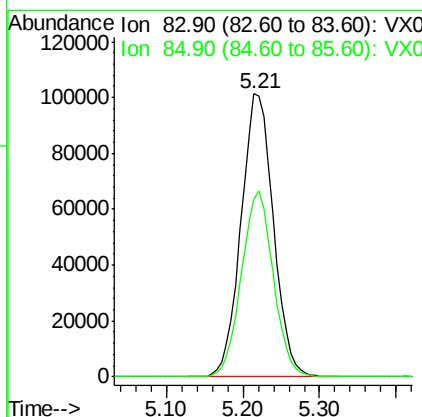
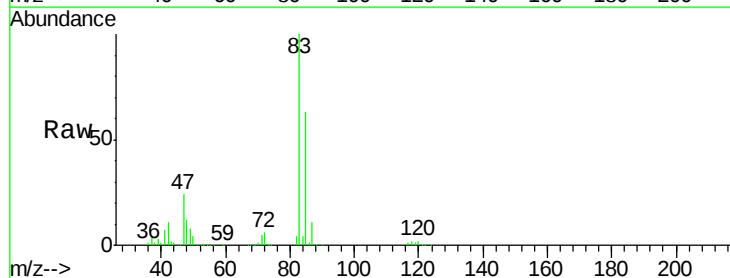
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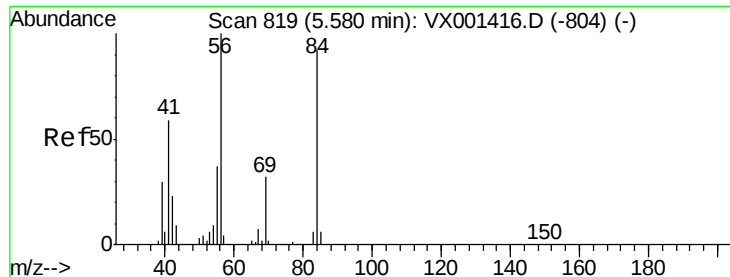
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#30  
Chloroform  
Concen: 47.23 ug/l  
RT: 5.21 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.8  | 51.0  | 76.4  |





#31

Cyclohexane

Concen: 47.05 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

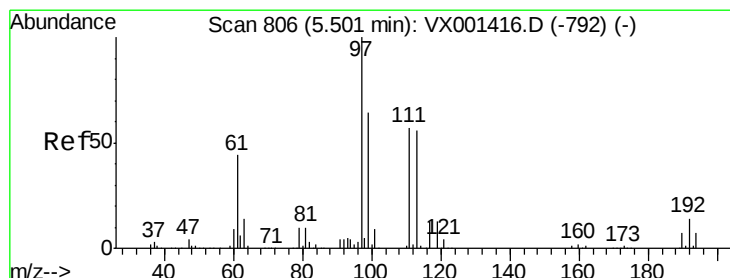
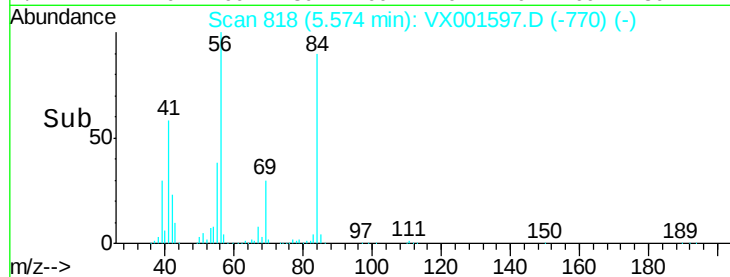
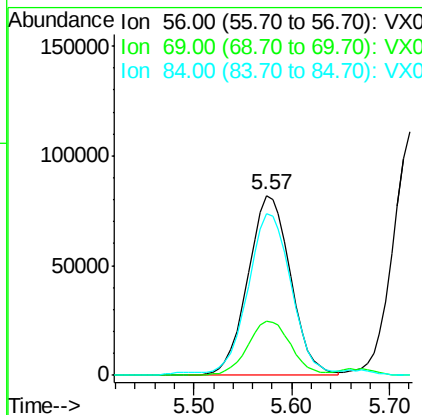
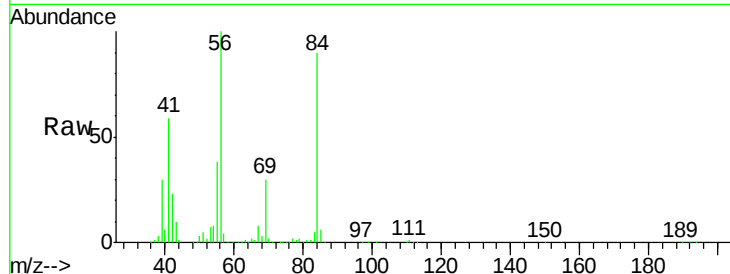
ClientSampled :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 247876 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 30.2  | 25.4  | 38.0   |
| 84       | 88.2  | 73.8  | 110.8  |

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#32

1,1,1-Trichloroethane

Concen: 48.39 ug/l

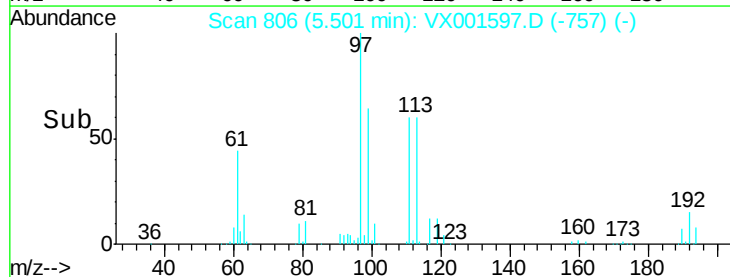
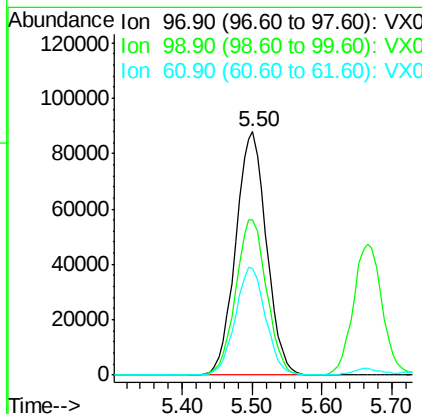
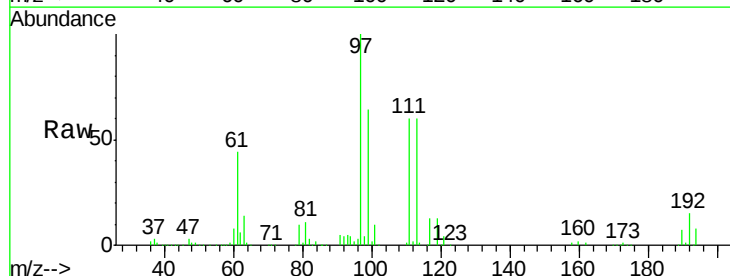
RT: 5.50 min Scan# 806

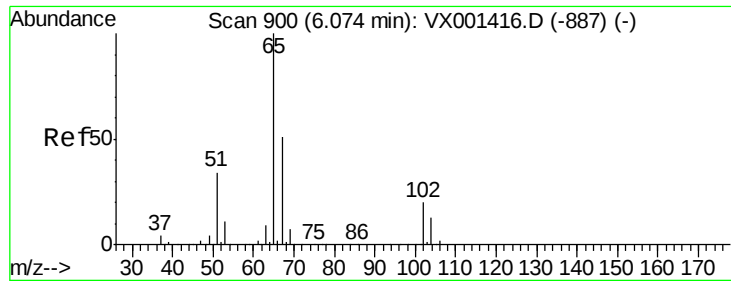
Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 267249 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.5  | 51.3  | 76.9   |
| 61       | 43.9  | 34.8  | 52.2   |





#33

1,2-Dichloroethane-d4

Concen: 45.14 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 184826

Ion Ratio Lower Upper

65 100

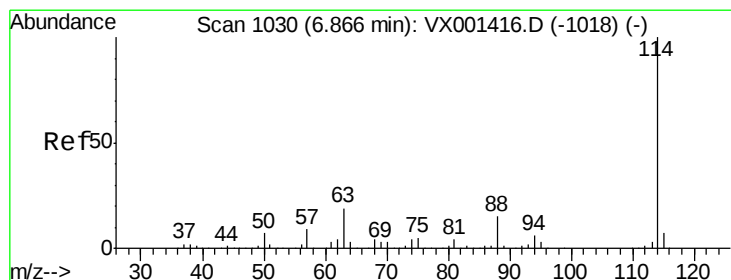
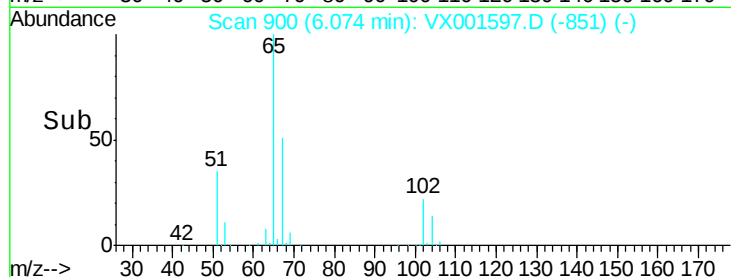
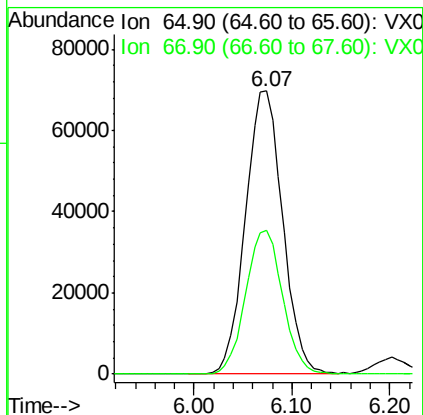
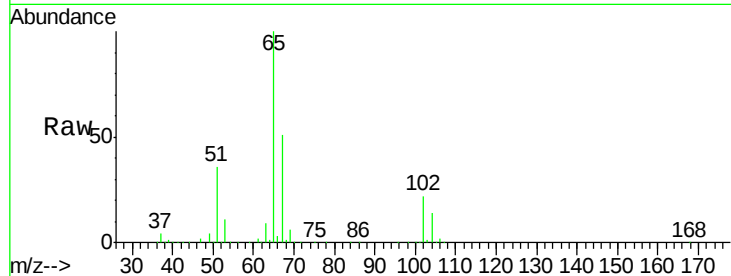
67 50.6 0.0 101.8

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

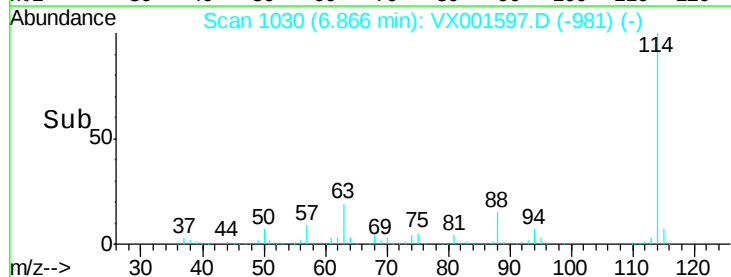
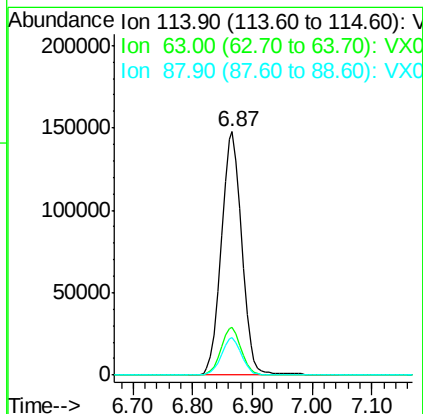
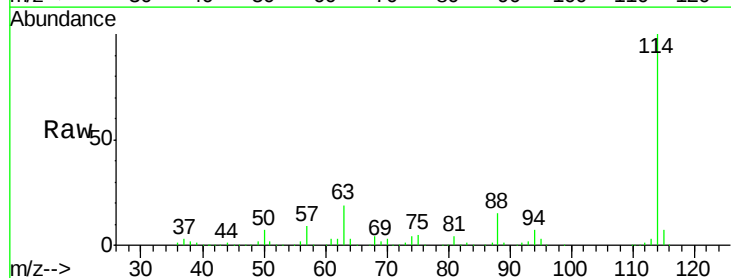
Tgt Ion: 114 Resp: 353846

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 15.2 0.0 30.8





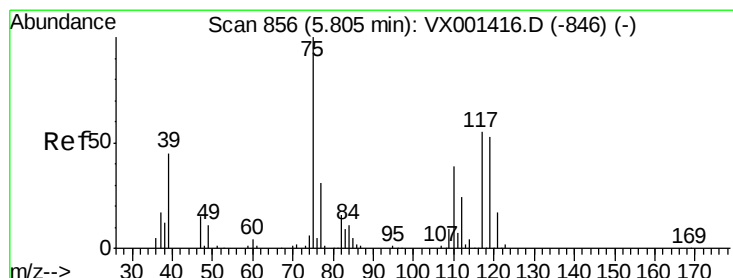
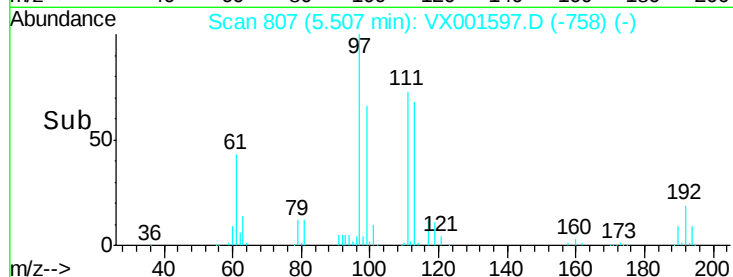
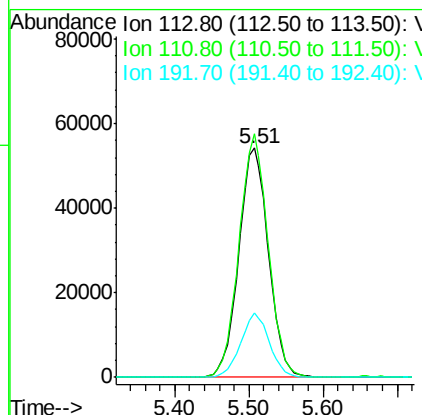
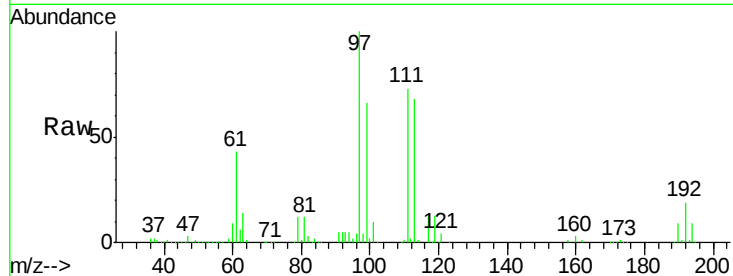
#35  
 Dibromofluoromethane  
 Concen: 48.25 ug/l  
 RT: 5.51 min Scan# 807  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 151847 |       |       |
| 111     | 104.1 | 82.2   | 123.2 |       |
| 192     | 27.2  | 21.4   | 32.0  |       |

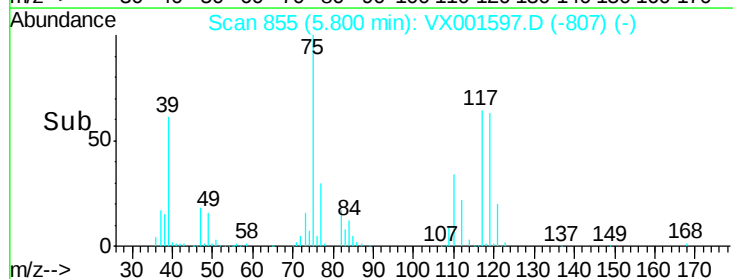
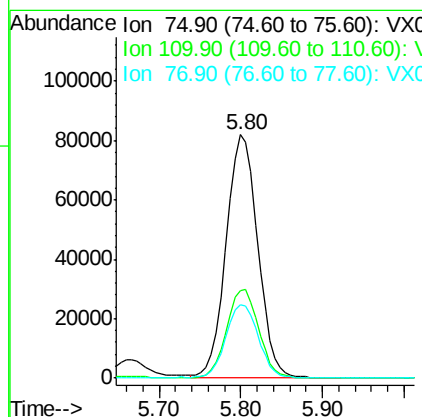
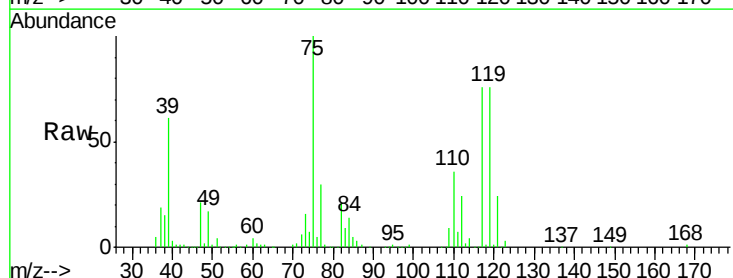
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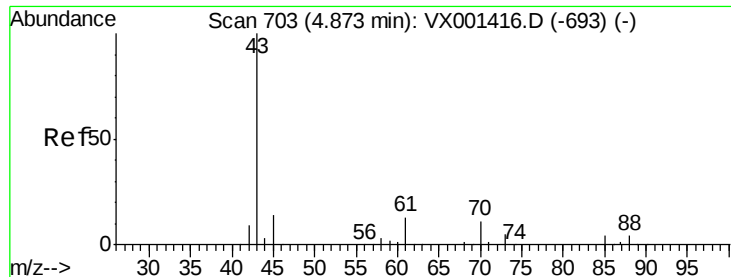
apatel  
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#36  
 1,1-Dichloropropene  
 Concen: 48.57 ug/l  
 RT: 5.80 min Scan# 856  
 Delta R.T. -0.01 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 218623 |       |       |
| 110     | 37.1  | 18.9   | 56.7  |       |
| 77      | 31.0  | 24.9   | 37.3  |       |





#37

Ethyl Acetate

Concen: 45.80 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

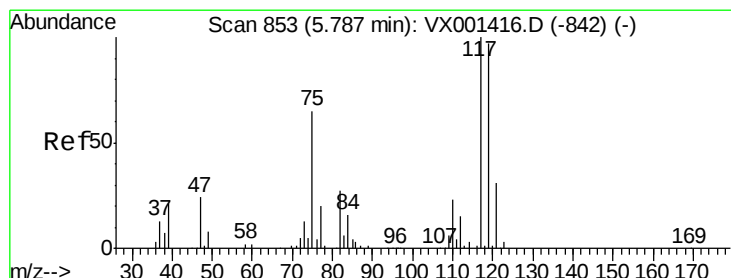
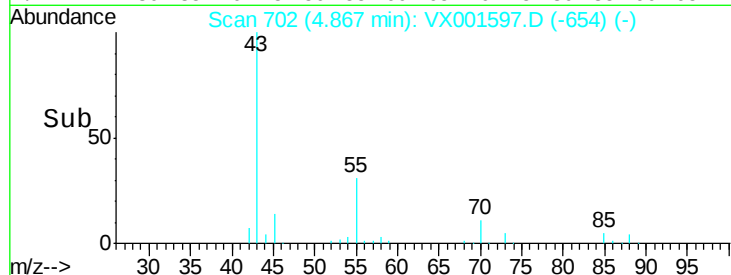
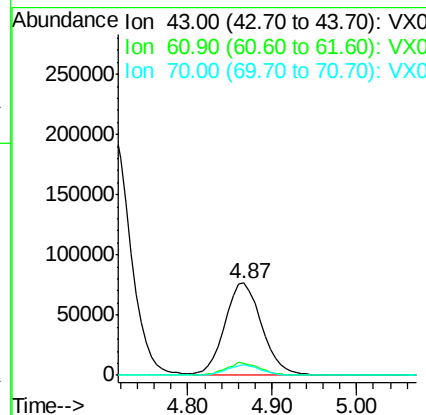
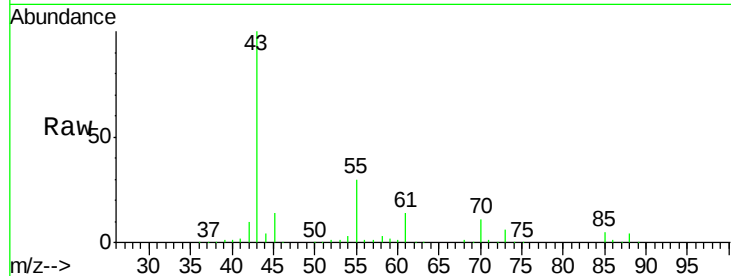
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 225954 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 12.9  | 10.7  | 16.1   |
| 70       | 10.4  | 8.4   | 12.6   |

Manual Integrations  
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#38

Carbon Tetrachloride

Concen: 50.13 ug/l

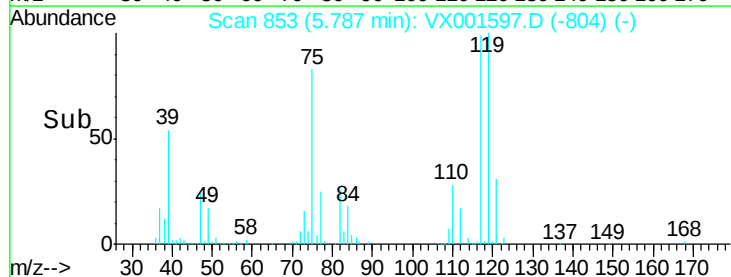
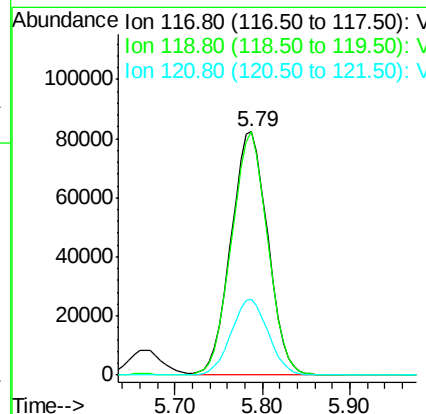
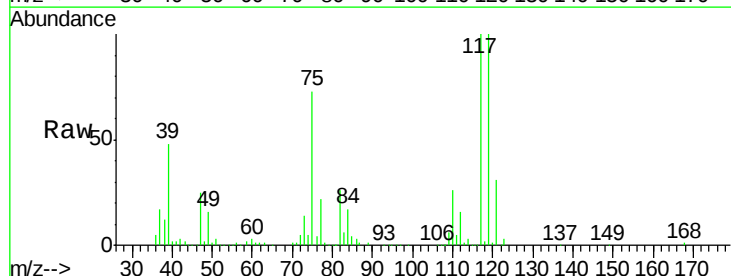
RT: 5.79 min Scan# 853

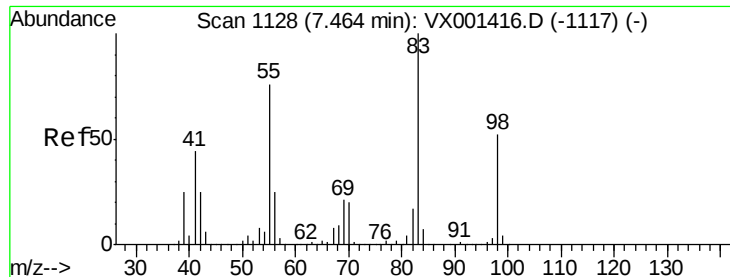
Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 240654 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 99.8  | 77.0  | 115.6  |
| 121      | 31.2  | 25.1  | 37.7   |





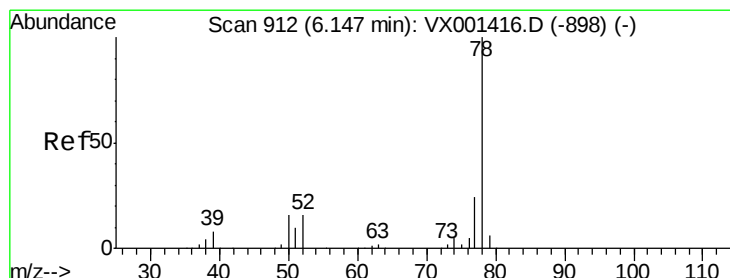
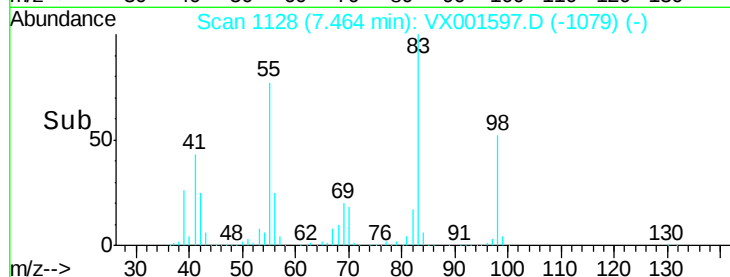
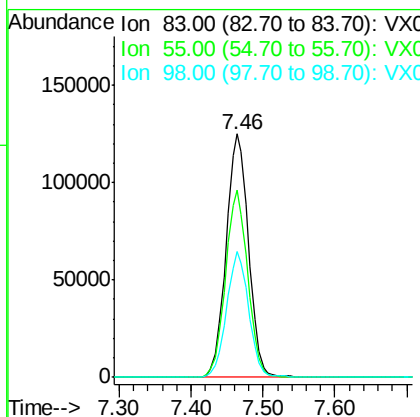
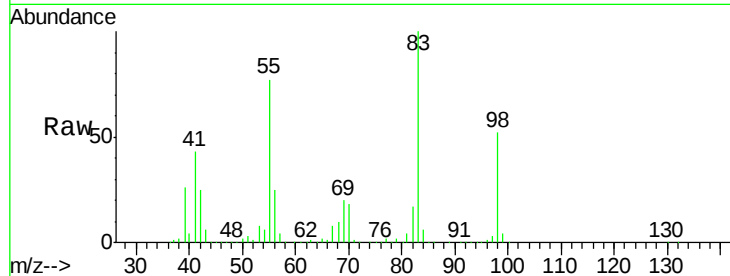
#39  
Methvlcvclohexane  
Concen: 50.95 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 271112 |       |       |
| 55      | 76.7  | 60.9   | 91.3  |       |
| 98      | 51.7  | 41.9   | 62.9  |       |

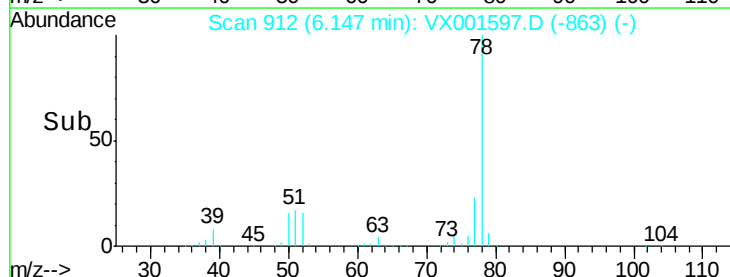
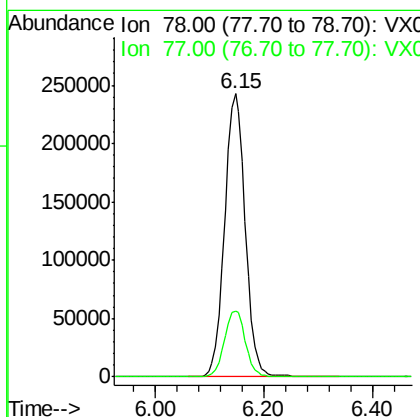
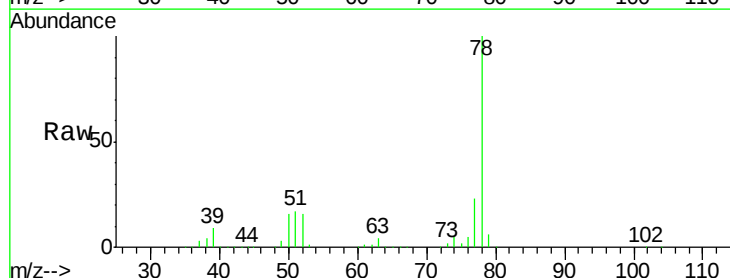
Manual Integrations  
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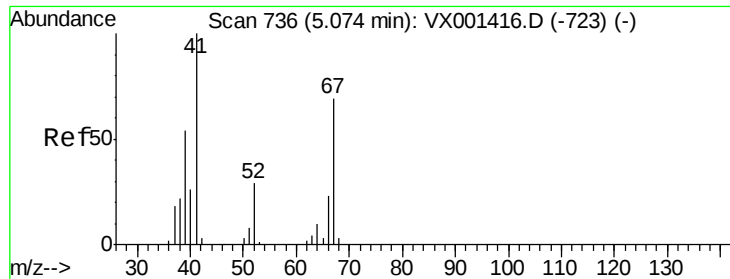
apatel  
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#40  
Benzene  
Concen: 48.63 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 639370 |       |       |
| 77      | 23.4  | 19.4   | 29.2  |       |





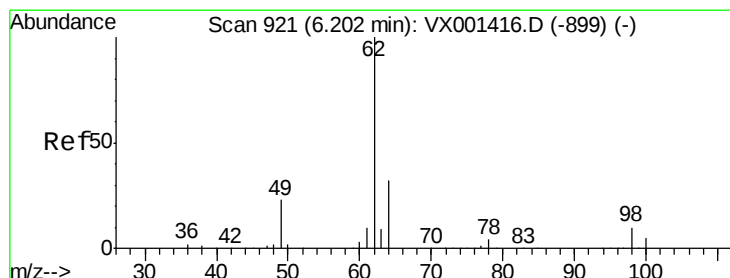
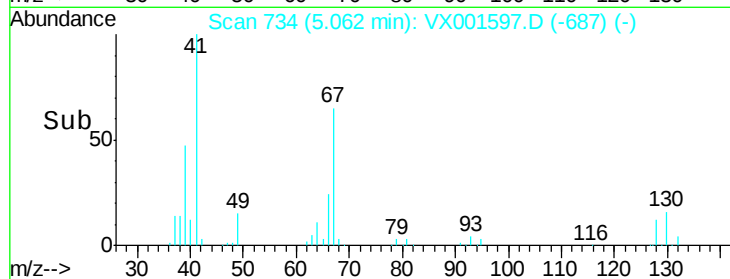
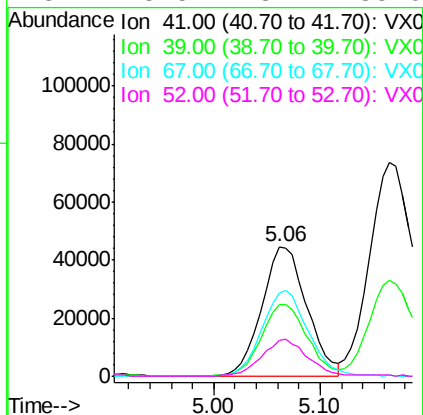
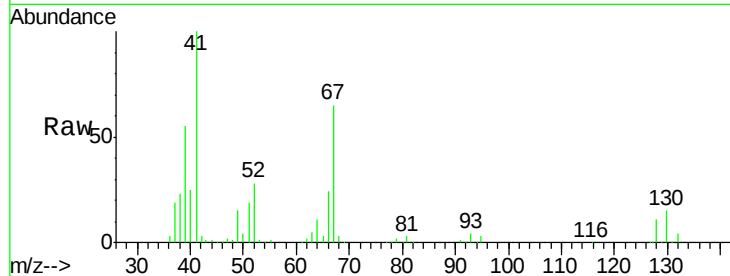
#41  
Methacrylonitrile  
Concen: 46.37 ug/l  
RT: 5.06 min Scan# 734  
Delta R.T. -0.01 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 41      | 100  |       |      |       |       |
| 39      | 56.2 | 45.0  | 67.6 |       |       |
| 67      | 67.9 | 55.0  | 82.6 |       |       |
| 52      | 28.5 | 23.4  | 35.0 |       |       |

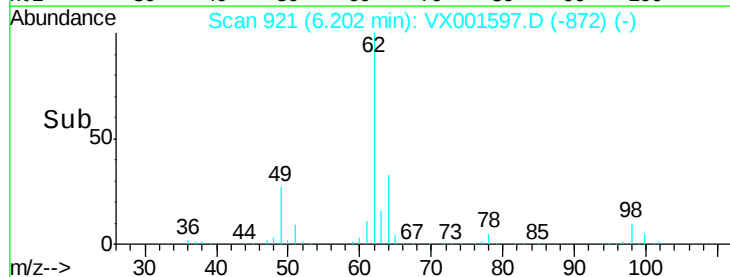
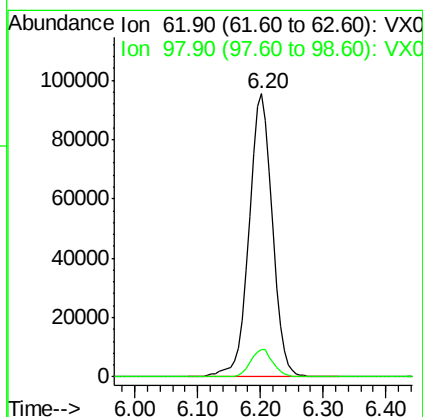
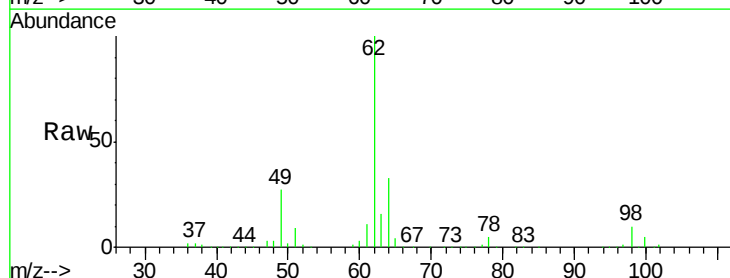
Manual Integrations  
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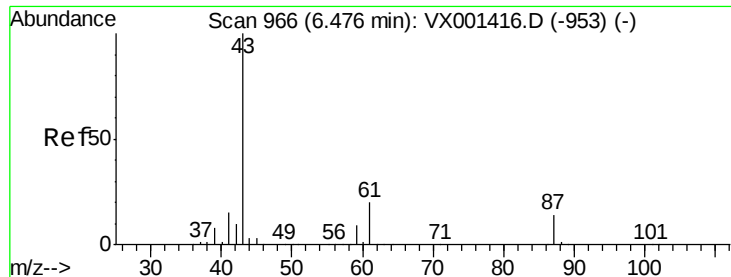
apatel  
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#42  
1,2-Dichloroethane  
Concen: 48.44 ug/l  
RT: 6.20 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 62      | 100 |       |      |       |       |
| 98      | 9.4 | 0.0   | 19.0 |       |       |





#43

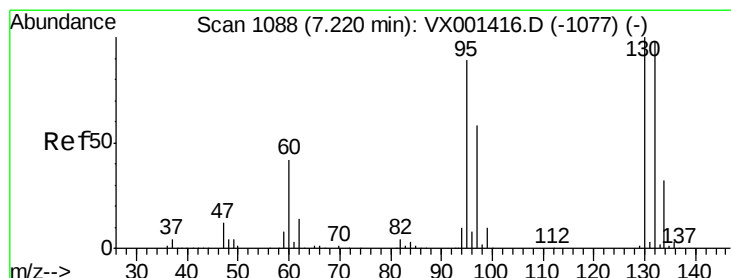
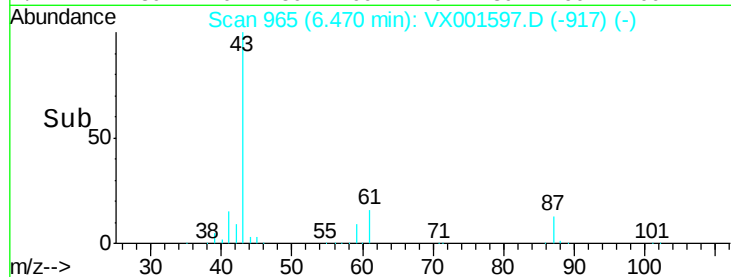
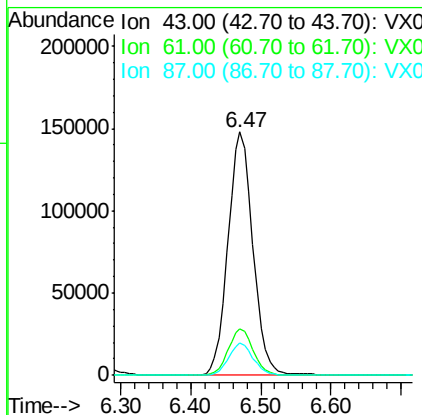
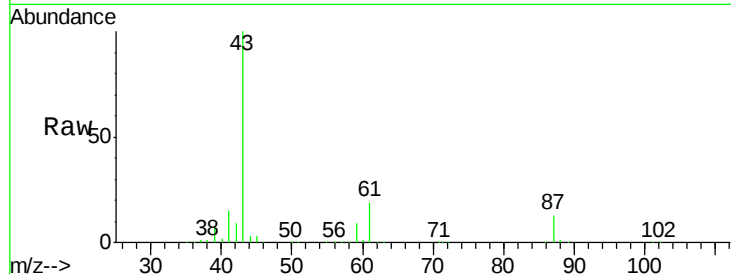
Isopropyl Acetate  
 Concen: 48.14 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. -0.01 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.2  | 15.4  | 23.0  |
| 87      | 13.2  | 10.8  | 16.2  |

Manual Integrations  
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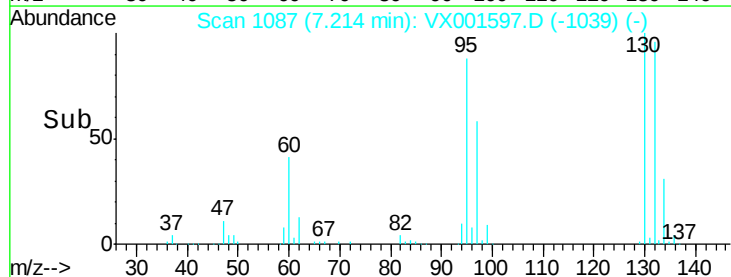
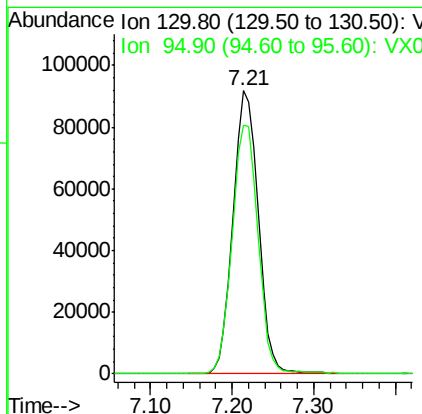
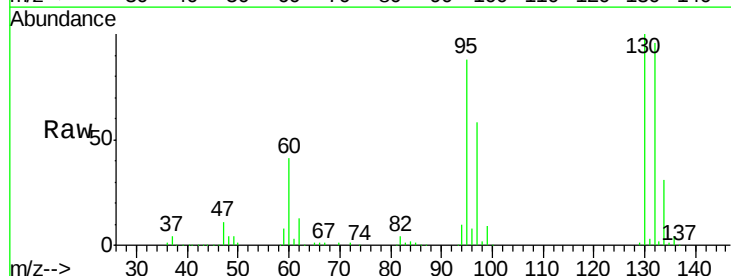
apatel  
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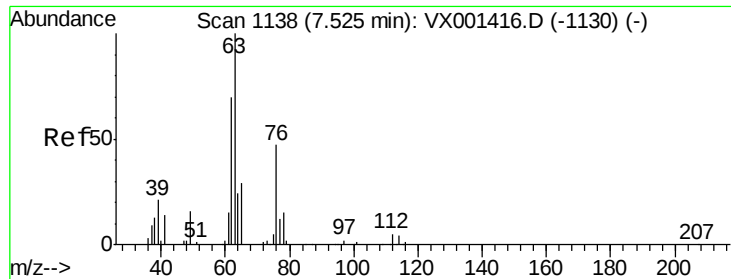


#44

Trichloroethene  
 Concen: 49.03 ug/l  
 RT: 7.21 min Scan# 1087  
 Delta R.T. -0.01 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 88.1  | 0.0   | 178.4 |





#45

1,2-Dichloropropane

Concen: 49.29 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 161562

Ion Ratio Lower Upper

63 100

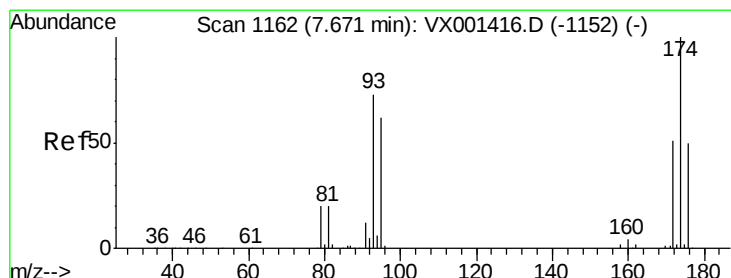
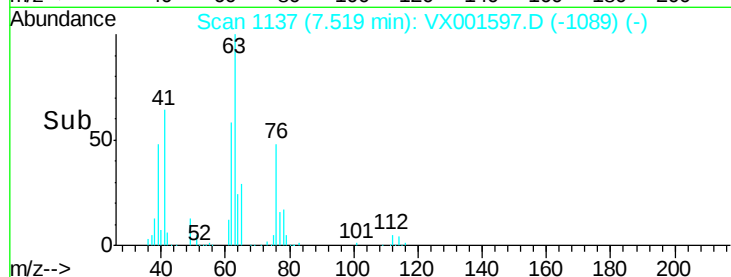
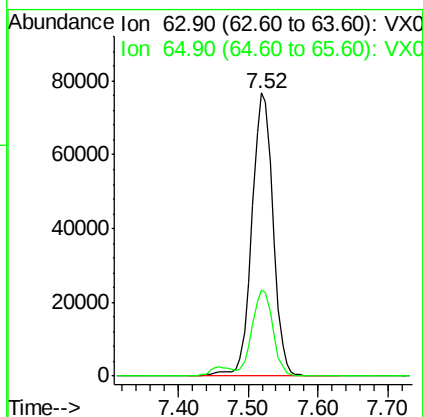
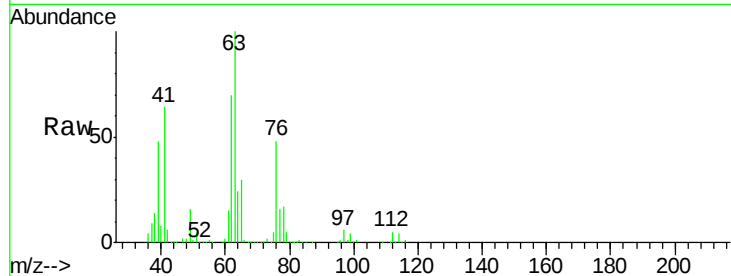
65 30.4 24.5 36.7

Manual Integrations

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#46

Dibromomethane

Concen: 48.08 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

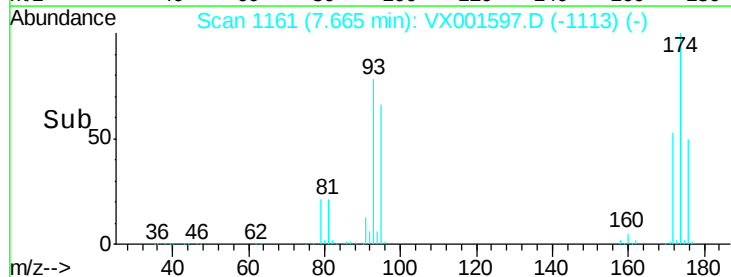
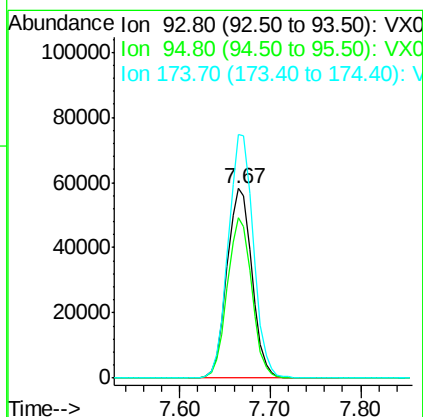
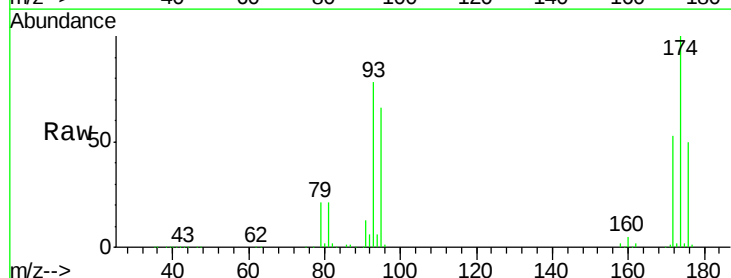
Tgt Ion: 93 Resp: 111557

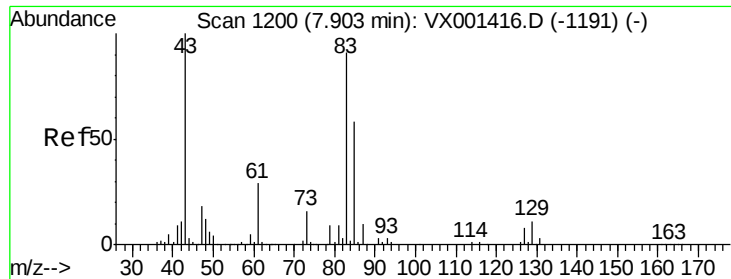
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.4

174 129.2 104.5 156.7





#47

Bromodichloromethane

Concen: 50.96 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

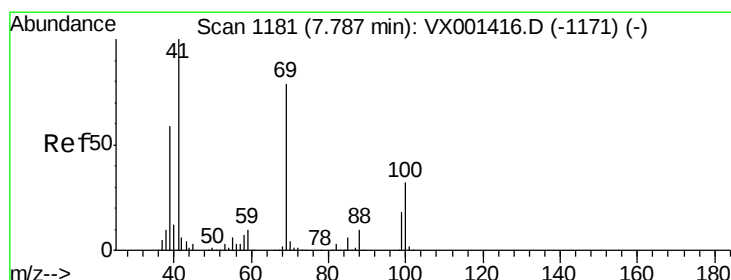
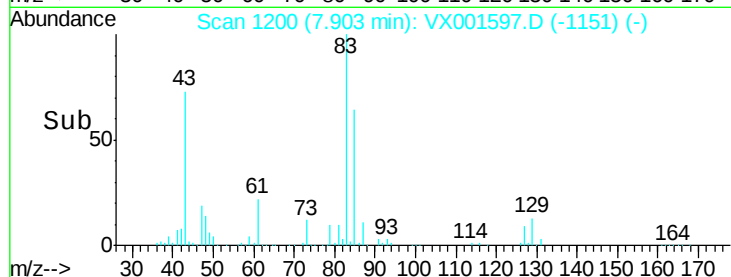
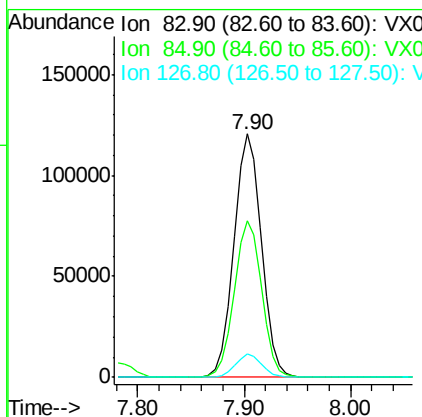
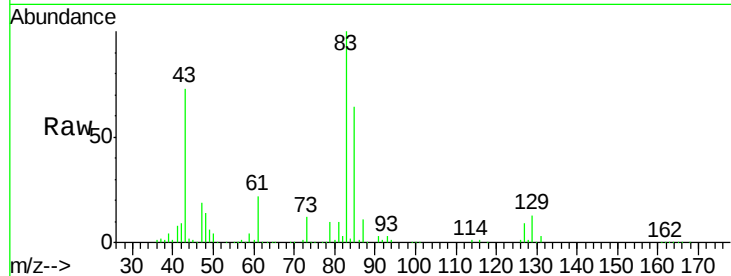
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 218811 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.1  | 51.0  | 76.6   |
| 127       | 9.4   | 7.4   | 11.2   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 47.71 ug/l

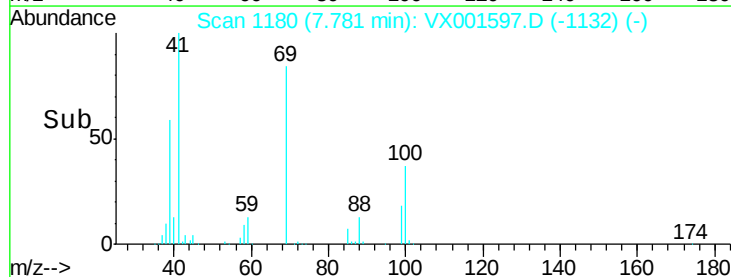
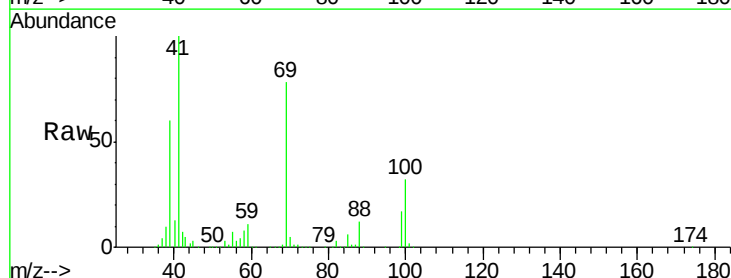
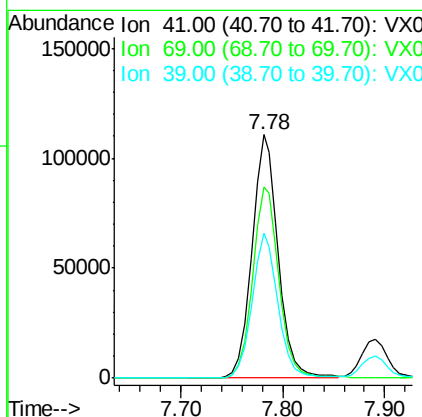
RT: 7.78 min Scan# 1180

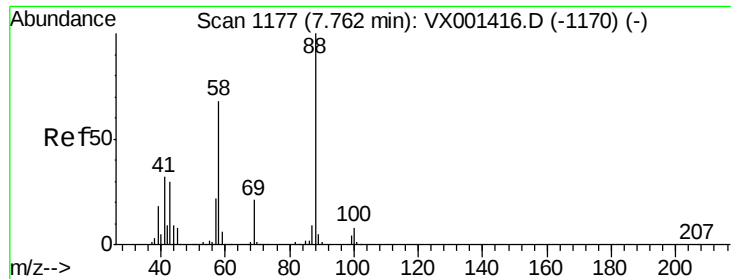
Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 196778 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 79.7  | 63.4  | 95.2   |
| 39        | 58.8  | 47.0  | 70.4   |





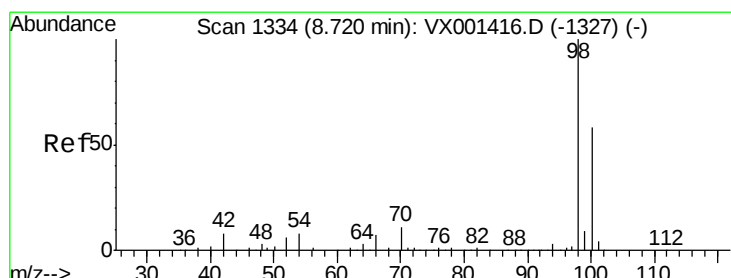
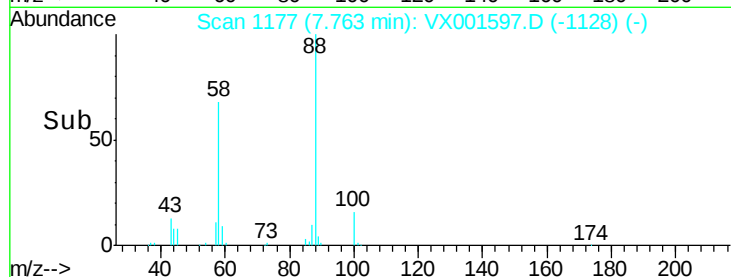
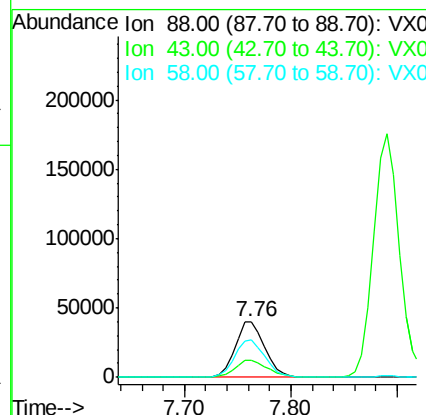
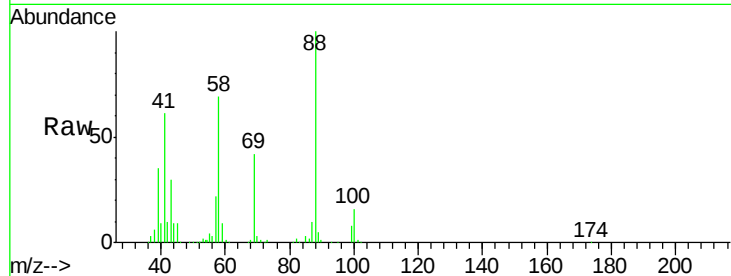
#49  
1,4-Dioxane  
Concen: 876.15 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.3  | 26.4  | 39.6  |
| 58      | 69.7  | 54.1  | 81.1  |

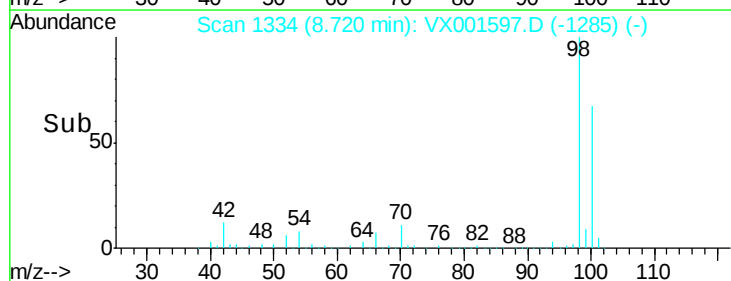
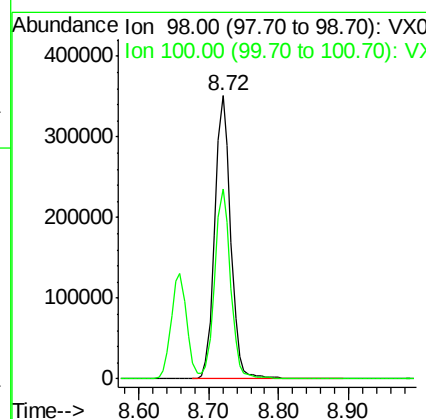
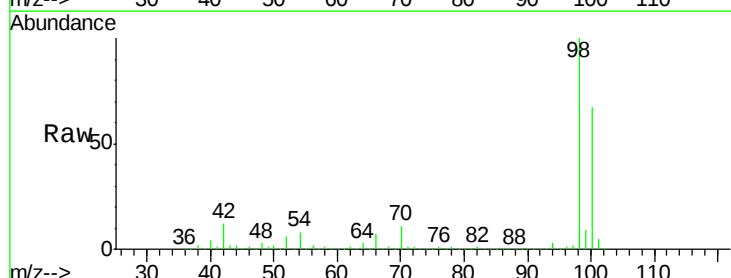
Manual Integrations  
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#50  
Toluene-d8  
Concen: 48.51 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.9  | 54.0  | 81.0  |





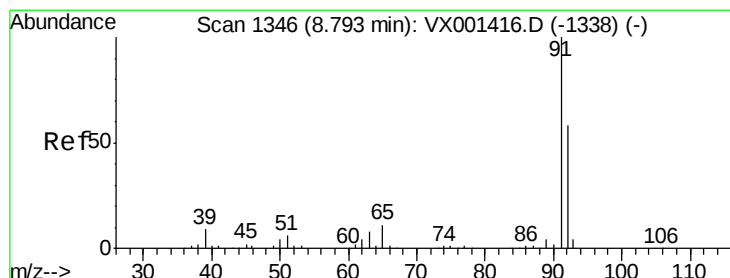
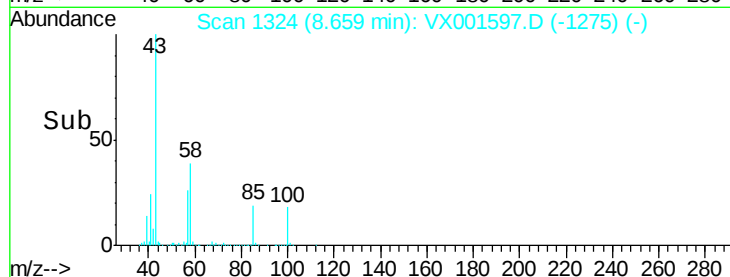
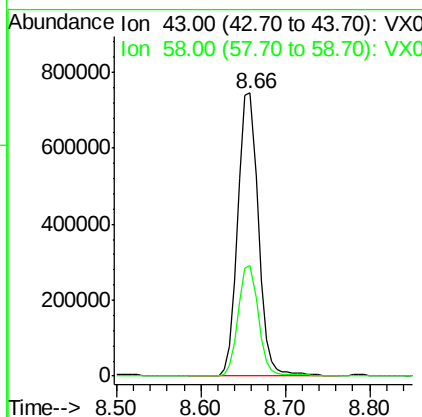
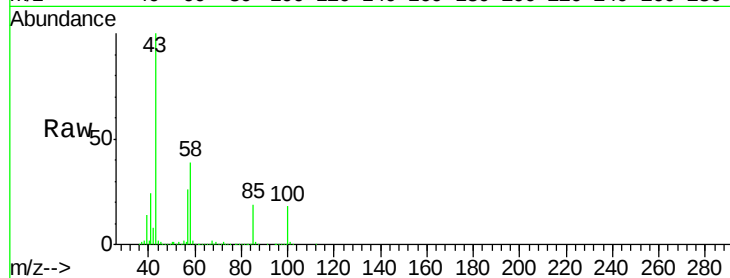
#51  
4-Methyl-2-Pentanone  
Concen: 243.34 ug/l  
RT: 8.66 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 1224777  
Ion Ratio Lower Upper  
43 100  
58 38.3 30.8 46.2

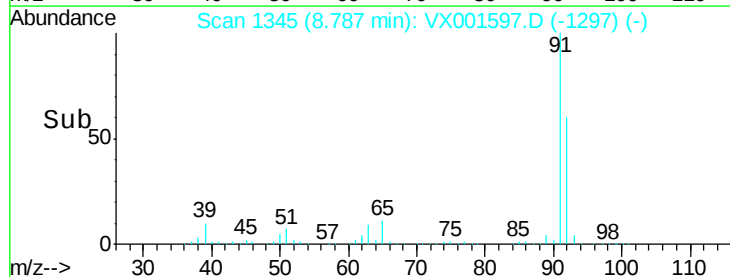
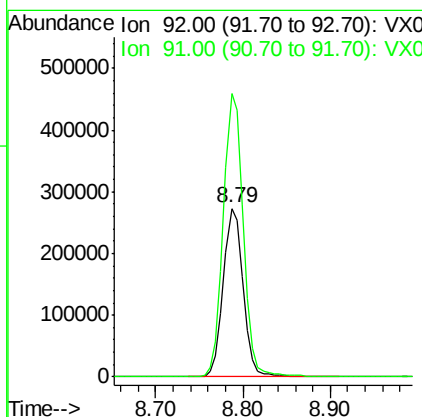
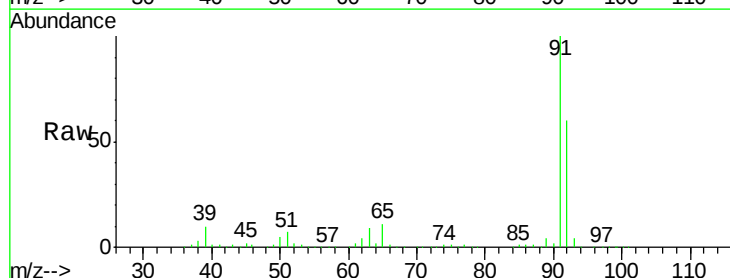
Manual Integrations  
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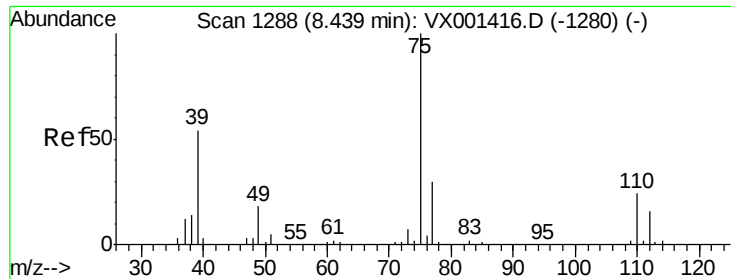
apatel  
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#52  
Toluene  
Concen: 50.07 ug/l  
RT: 8.79 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Tgt Ion: 92 Resp: 430398  
Ion Ratio Lower Upper  
92 100  
91 169.4 135.2 202.8





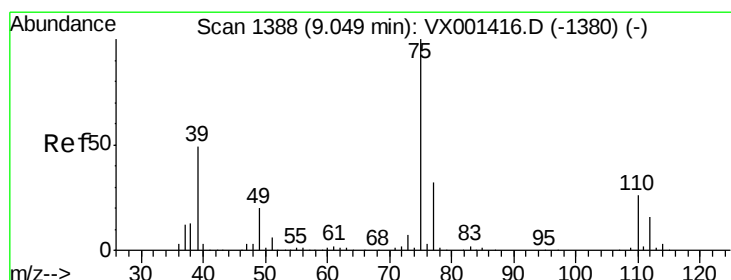
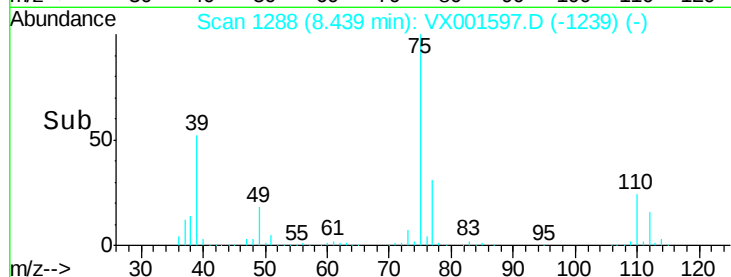
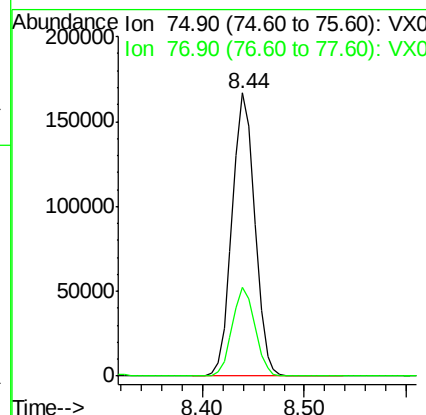
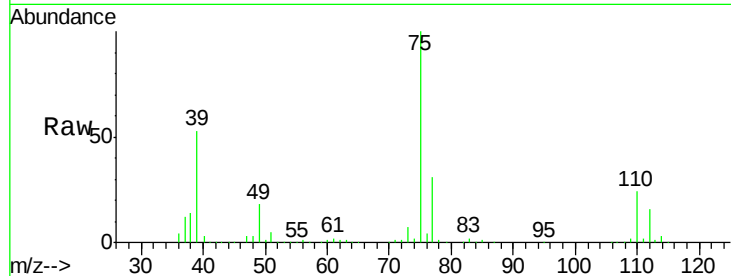
#53  
 t-1,3-Dichloropropene  
 Concen: 52.93 ug/l  
 RT: 8.44 min Scan# 1288  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 256851 |       |       |
| 77      | 31.4  | 24.2   | 36.4  |       |

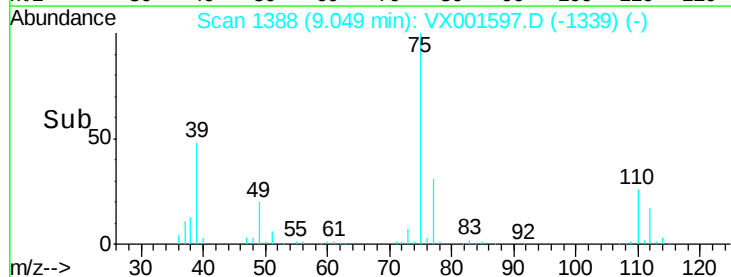
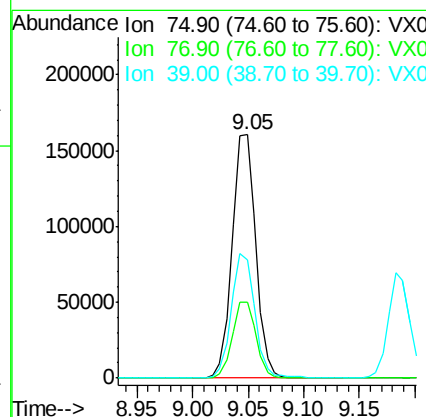
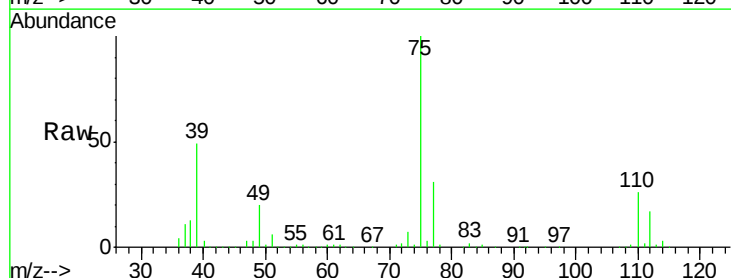
Manual Integrations  
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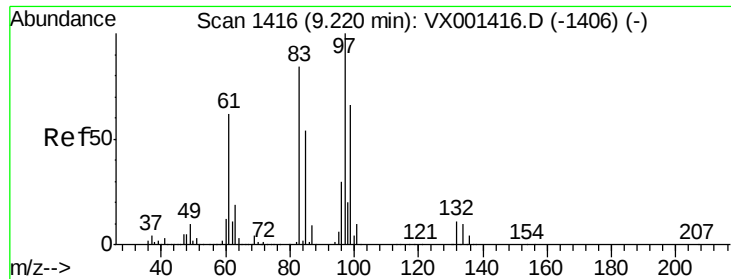
apatel  
 5/11/2018 1:06:43 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 47.12 ug/l  
 RT: 9.05 min Scan# 1388  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 235754 |       |       |
| 77      | 31.2  | 25.5   | 38.3  |       |
| 39      | 48.7  | 38.9   | 58.3  |       |





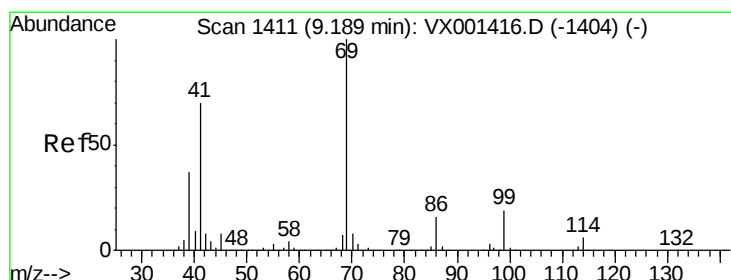
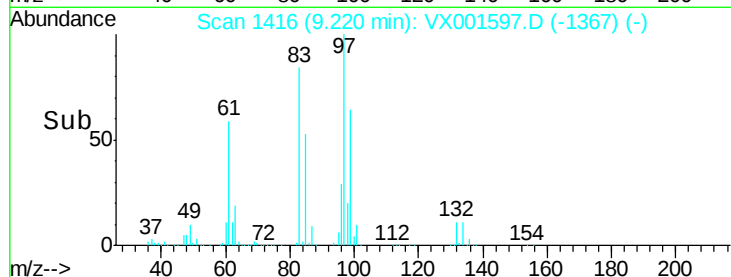
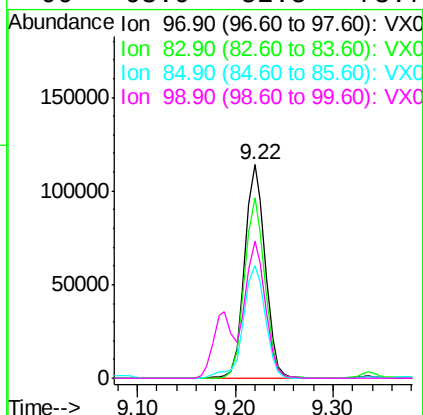
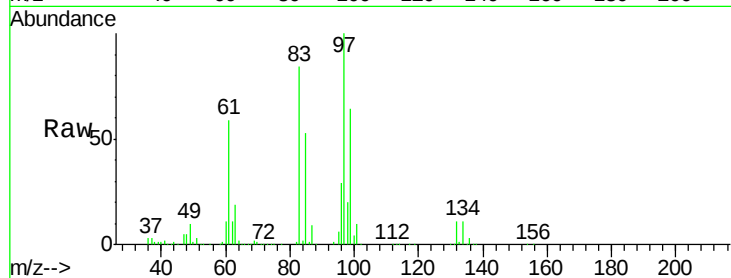
#55  
 1,1,2-Trichloroethane  
 Concen: 48.06 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 166429 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.3  | 67.4  | 101.0  |
| 85       | 52.9  | 43.3  | 64.9   |
| 99       | 63.9  | 52.5  | 78.7   |

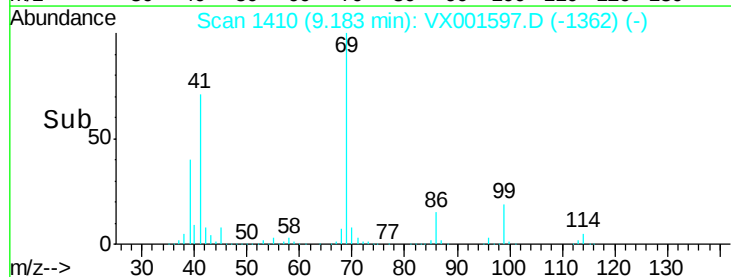
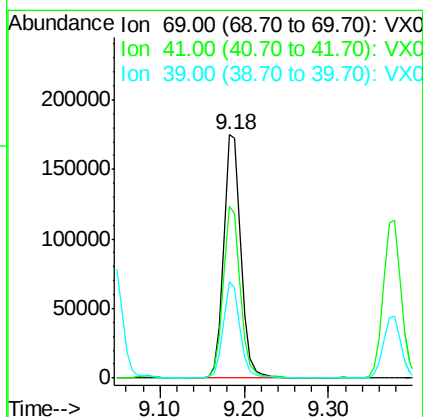
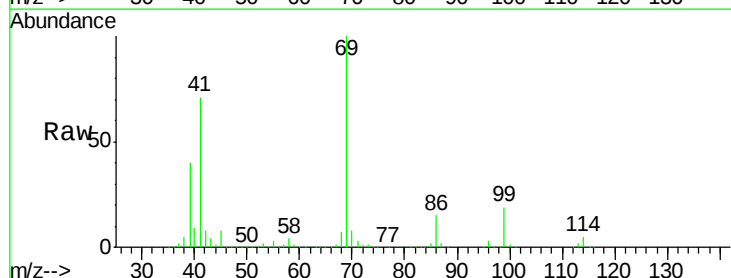
Manual Integrations  
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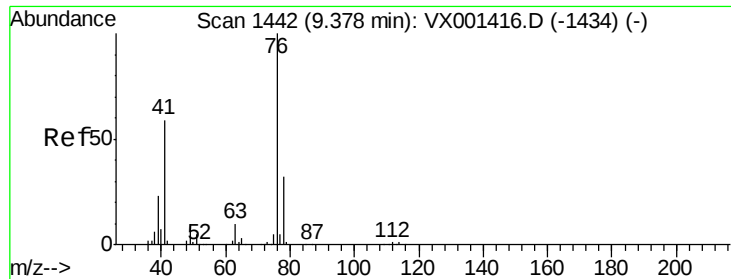
apatel  
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#56  
 Ethyl methacrylate  
 Concen: 49.90 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. -0.01 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 249124 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.8  | 55.1  | 82.7   |
| 39       | 38.3  | 29.9  | 44.9   |





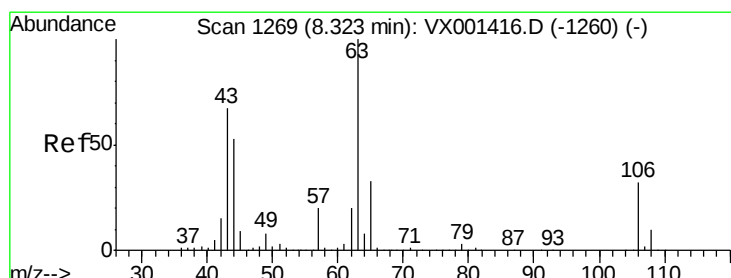
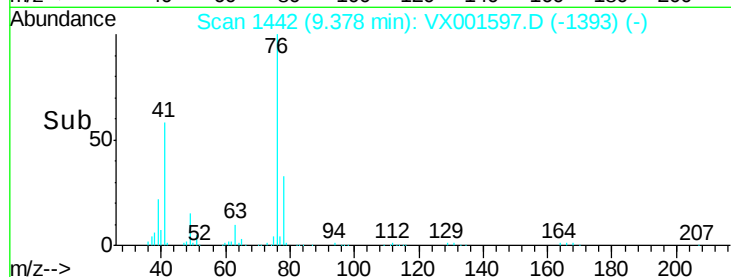
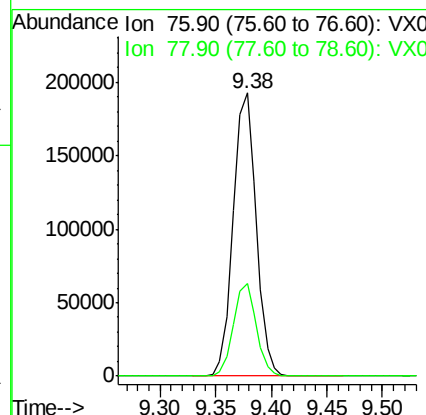
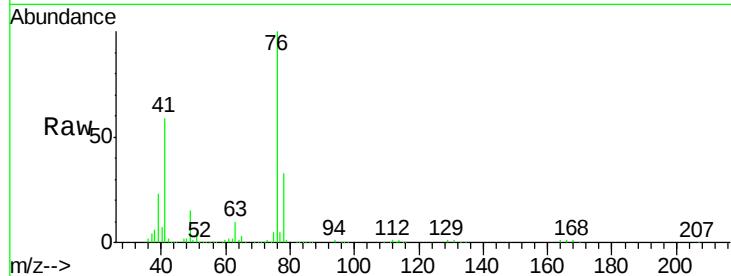
#57  
 1,3-Dichloropropane  
 Concen: 48.28 ug/l  
 RT: 9.38 min Scan# 1442  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 276470  
 Ion Ratio Lower Upper  
 76 100  
 78 32.5 25.8 38.6

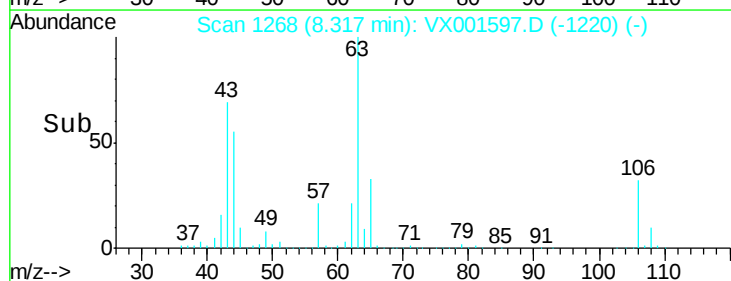
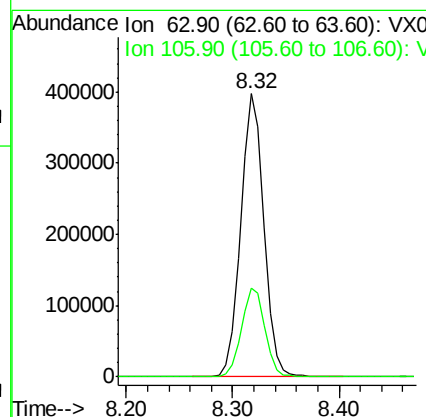
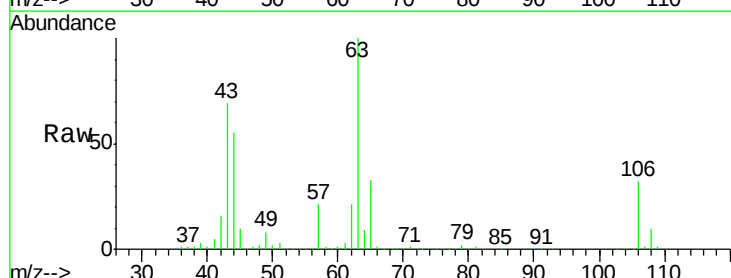
Manual Integrations  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 247.79 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. -0.01 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Tgt Ion: 63 Resp: 606738  
 Ion Ratio Lower Upper  
 63 100  
 106 31.8 25.4 38.0





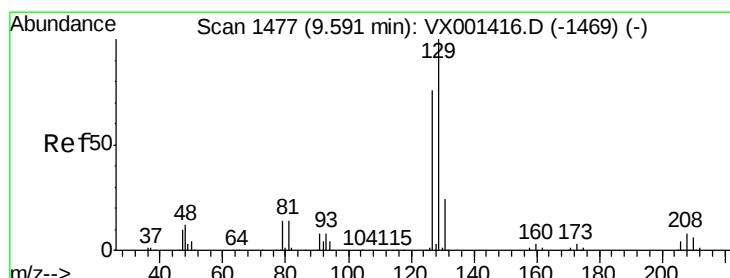
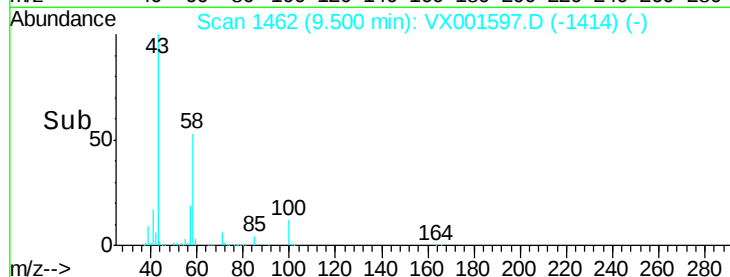
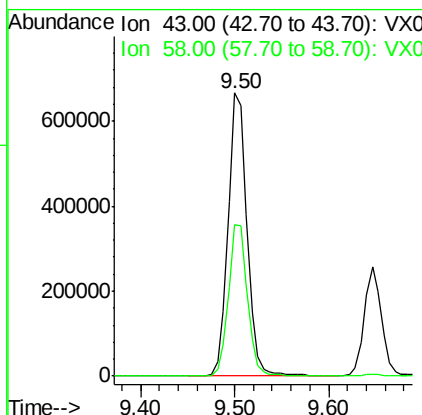
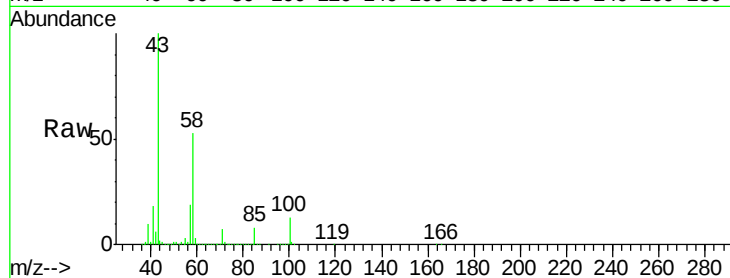
#59  
2-Hexanone  
Concen: 241.02 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.01 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 54.1  | 27.1  | 81.2  |

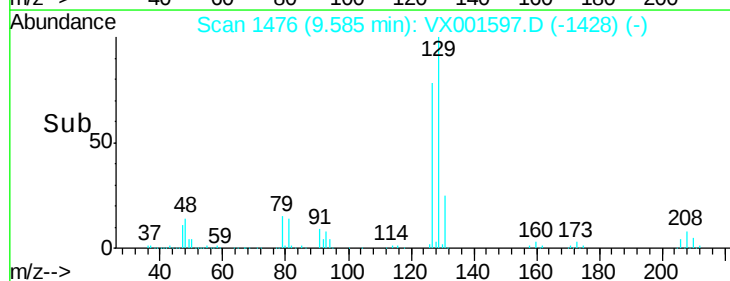
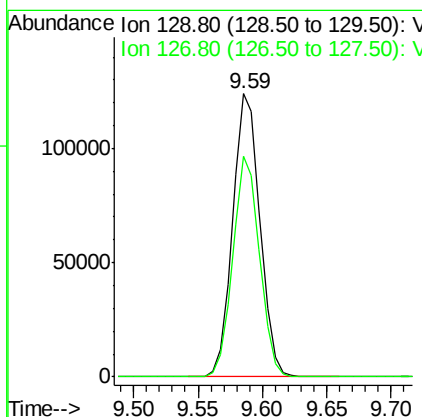
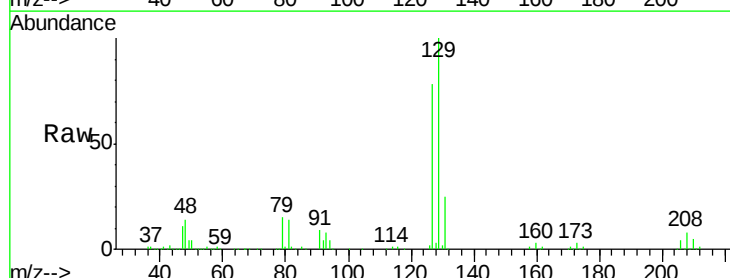
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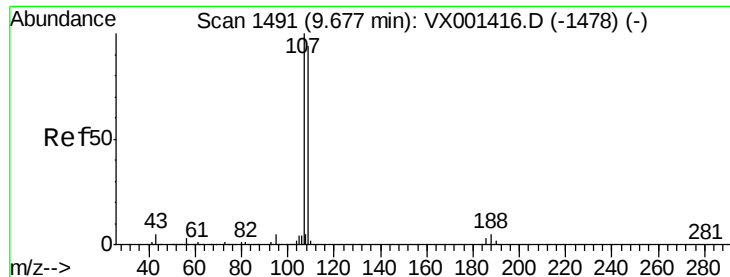
apatel  
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#60  
Dibromochloromethane  
Concen: 51.46 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.01 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.3  | 38.1  | 114.5 |





#61

1,2-Dibromoethane

Concen: 48.66 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion:107 Resp: 176931

Ion Ratio Lower Upper

107 100

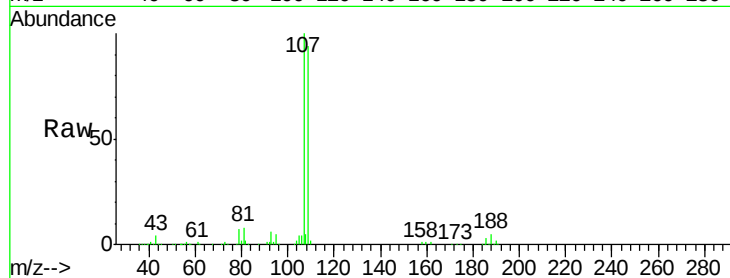
109 95.2 75.5 113.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

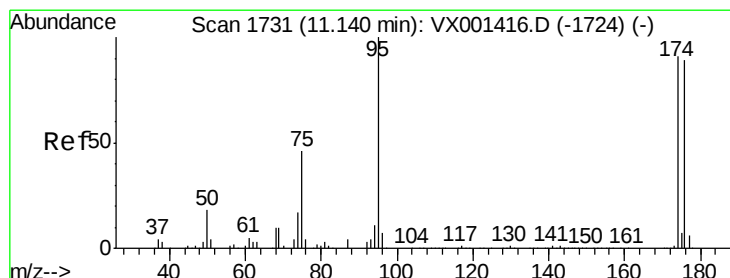
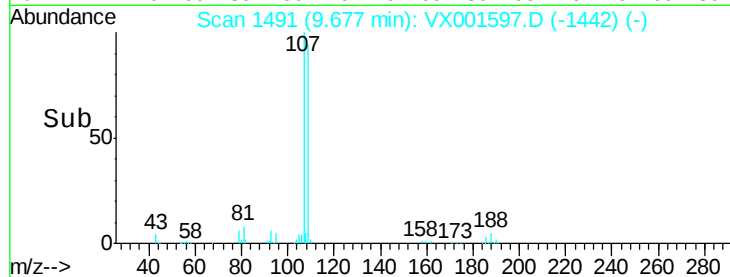
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

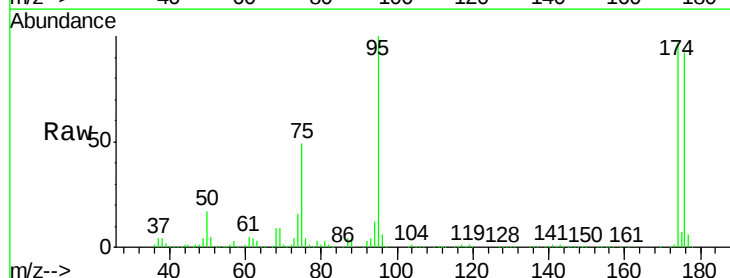
Tgt Ion: 95 Resp: 215198

Ion Ratio Lower Upper

95 100

174 100.8 0.0 202.0

176 98.4 0.0 197.4



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

11.14

200000

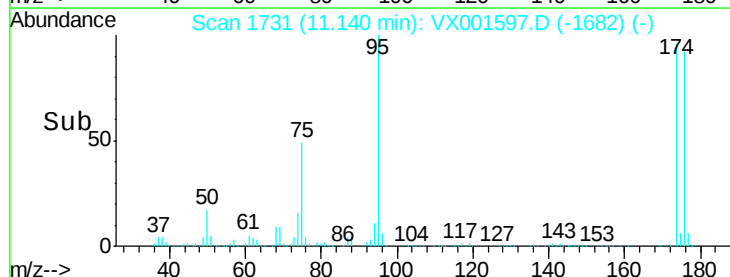
150000

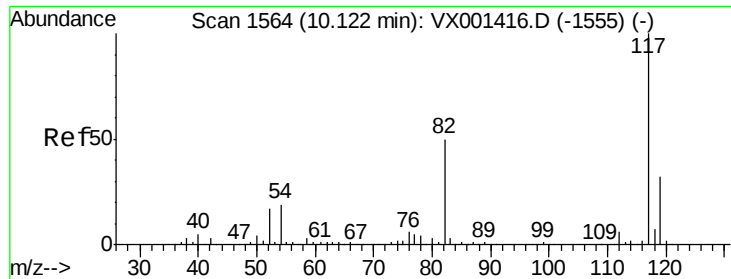
100000

50000

0

Time-->





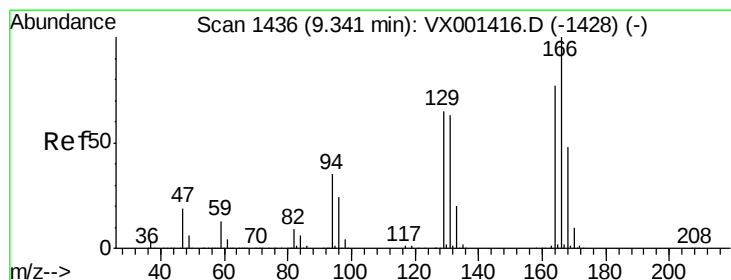
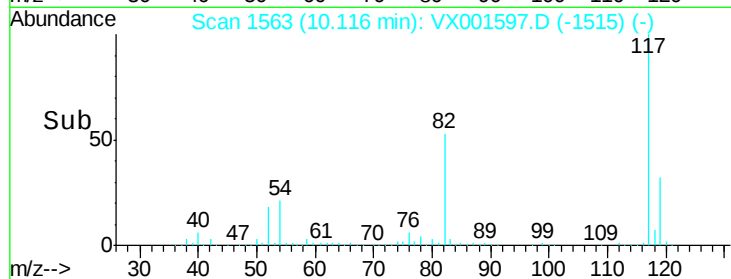
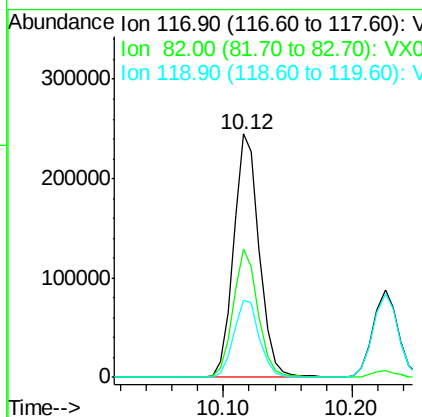
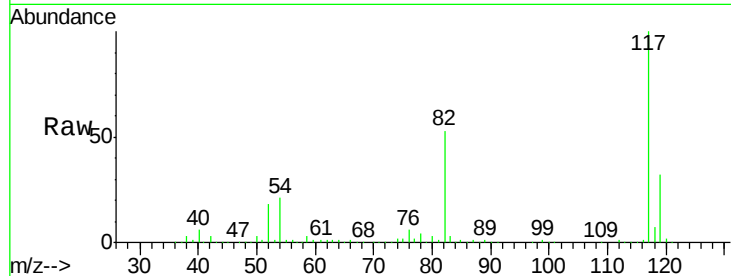
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 338739 |       |       |
| 82      | 52.6  |        | 40.0  | 60.0  |
| 119     | 31.9  |        | 25.8  | 38.8  |

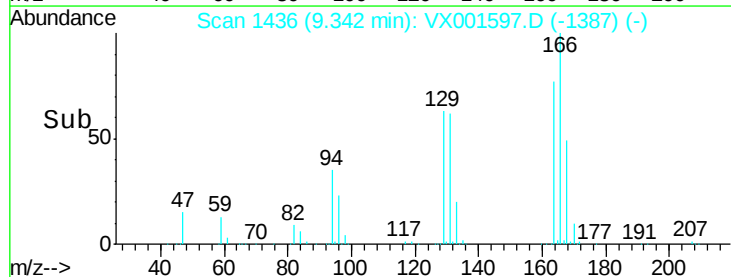
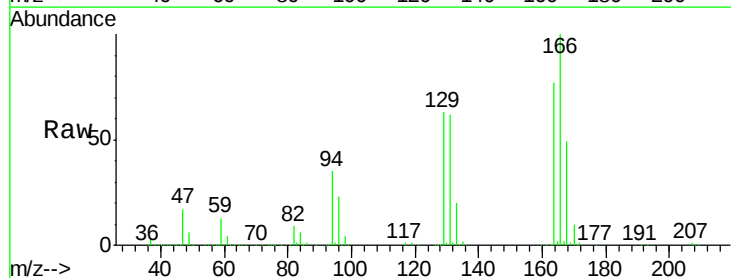
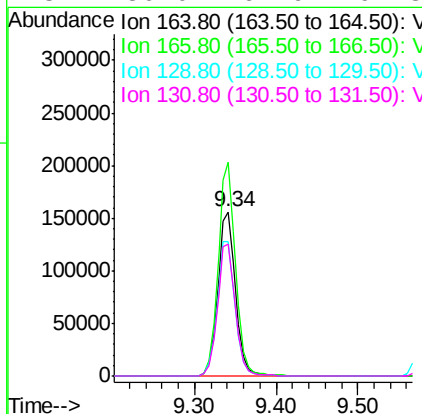
Manual Integrations  
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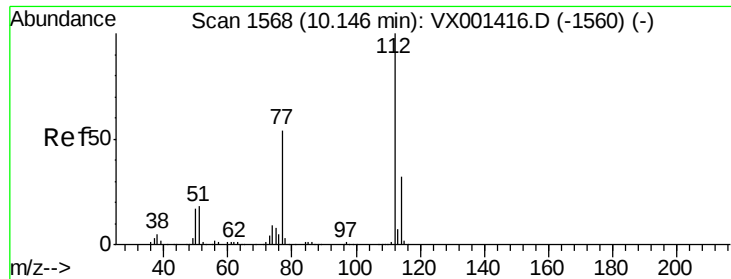
apatel  
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#64  
Tetrachloroethene  
Concen: 50.08 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 236439 |       |       |
| 166     | 129.9 |        | 103.5 | 155.3 |
| 129     | 81.9  |        | 66.7  | 100.1 |
| 131     | 80.0  |        | 64.9  | 97.3  |





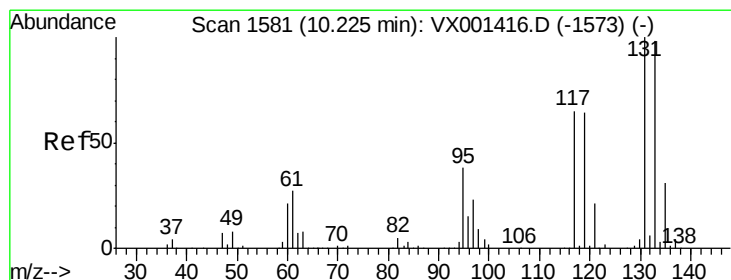
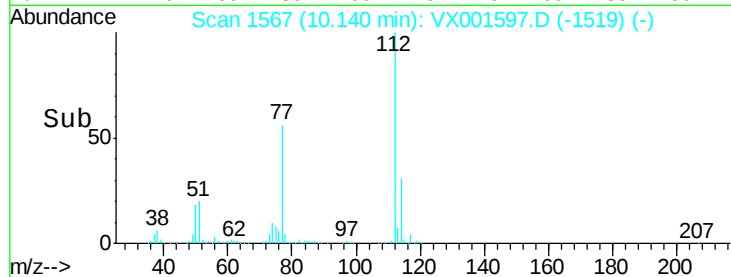
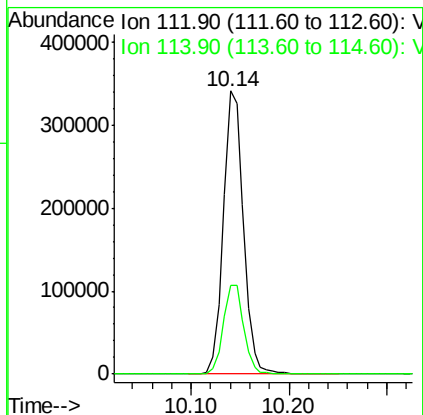
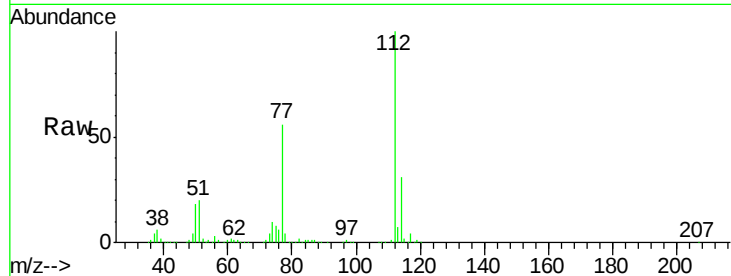
#65  
Chlorobenzene  
Concen: 48.79 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.4  | 26.0  | 39.0  |

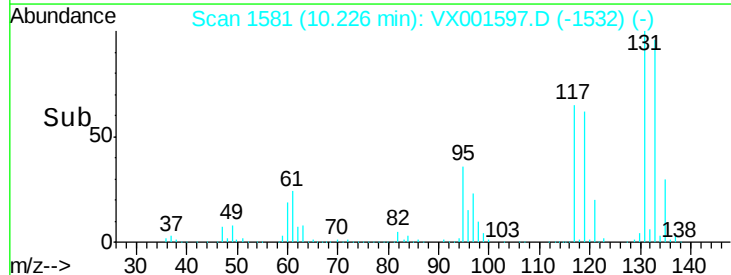
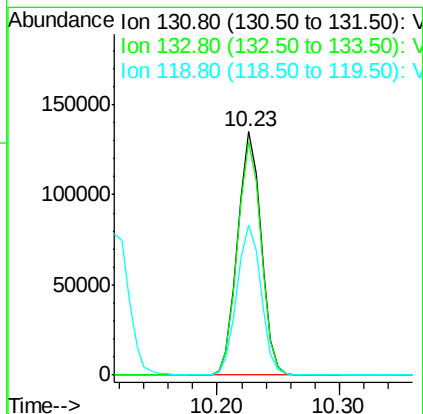
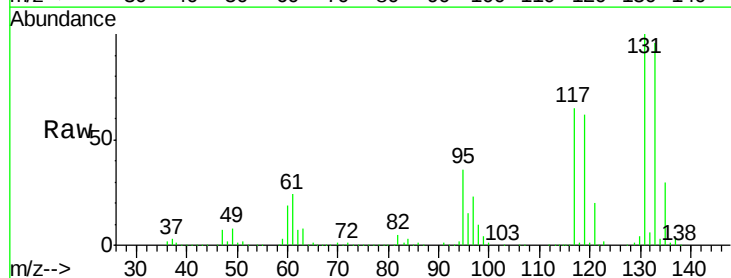
Manual Integrations  
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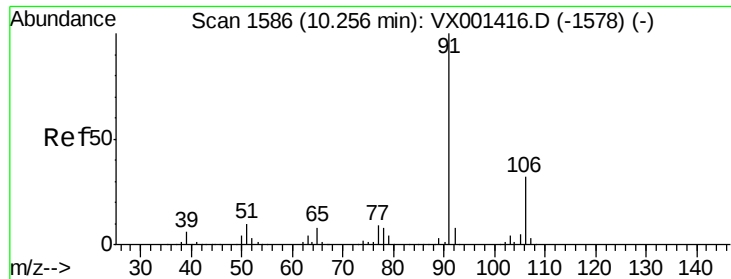
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.44 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.3  | 47.9  | 143.8 |
| 119     | 63.0  | 31.1  | 93.3  |





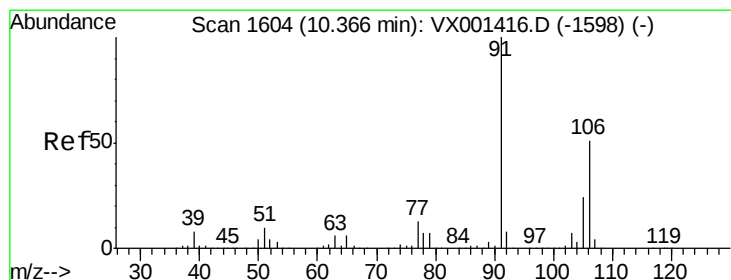
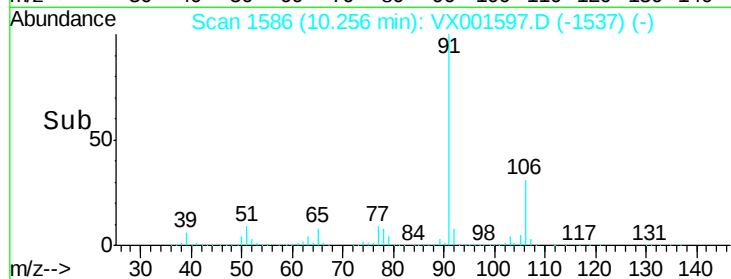
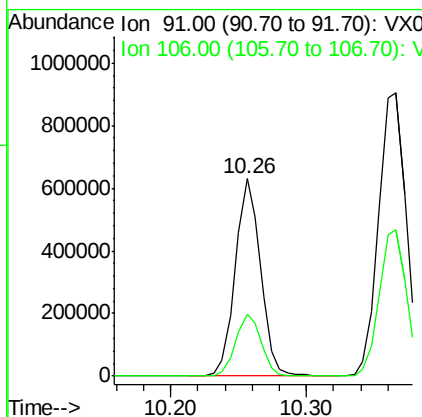
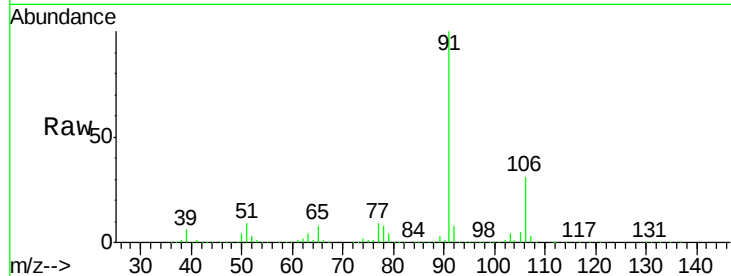
#67  
Ethyl Benzene  
Concen: 50.03 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

Tot Ion: 91 Resp: 814714  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.5 38.3

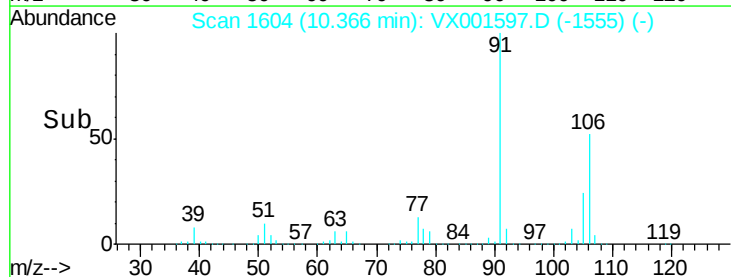
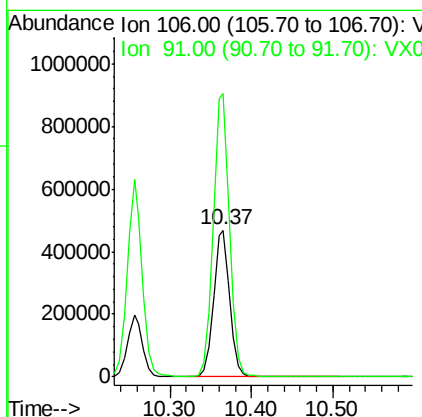
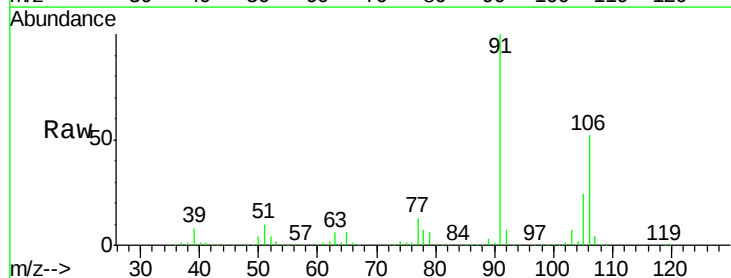
Manual Integrations  
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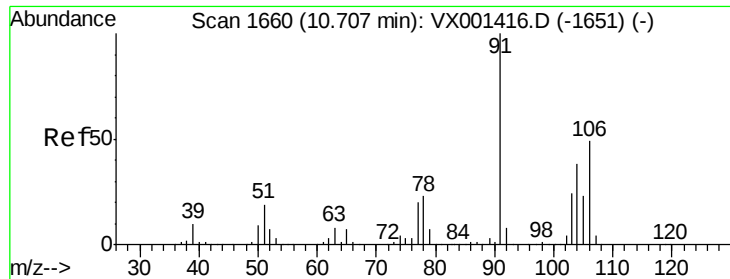
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#68  
m/p-Xylenes  
Concen: 101.73 ug/l  
RT: 10.37 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Tgt Ion: 106 Resp: 654502  
Ion Ratio Lower Upper  
106 100  
91 196.2 157.5 236.3





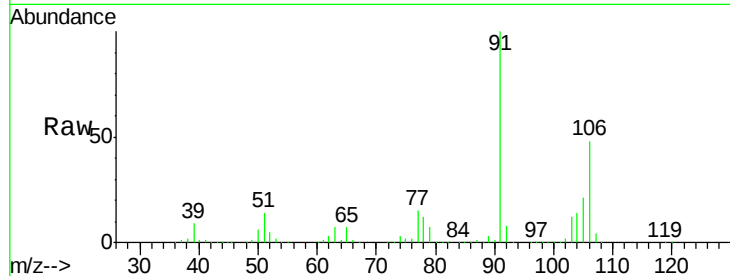
#69  
o-Xylene  
Concen: 50.82 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.01 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

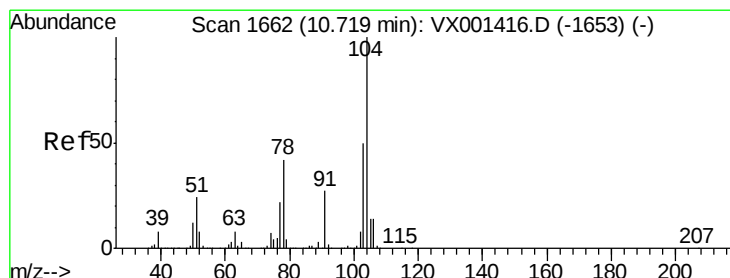
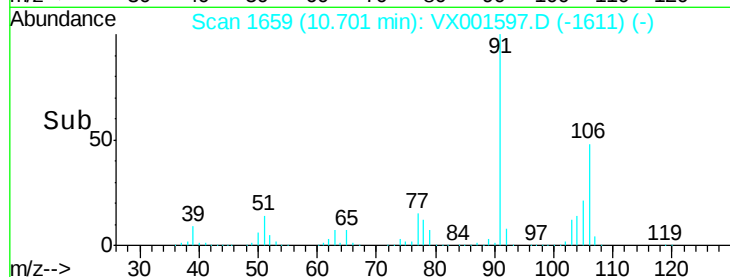
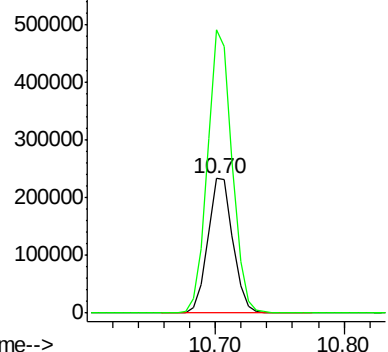
Tot Ion:106 Resp: 317783  
Ion Ratio Lower Upper  
106 100  
91 205.9 103.1 309.1

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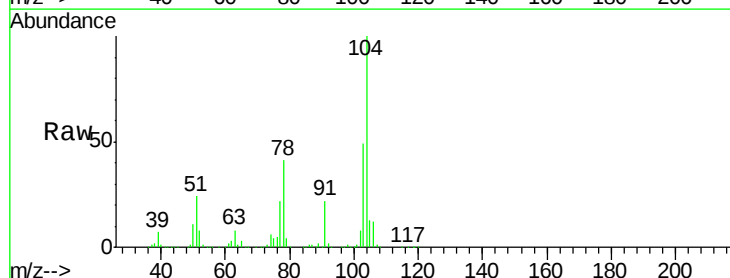


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

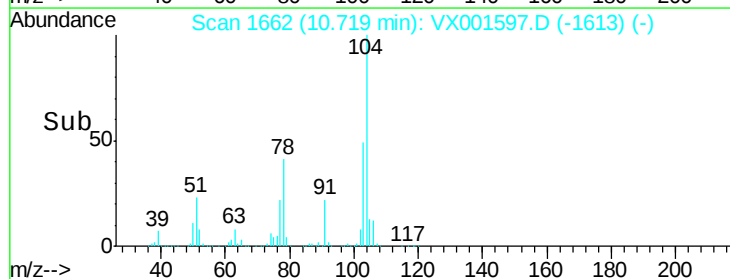
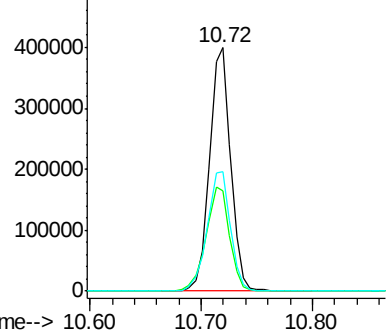


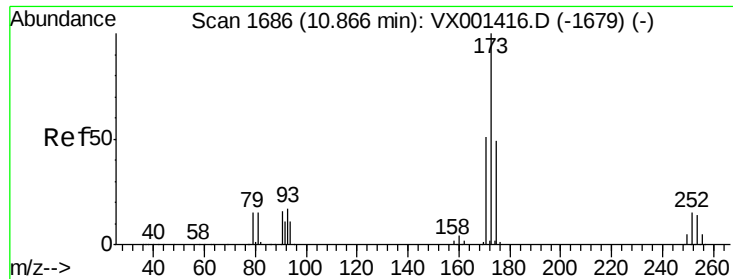
#70  
Styrene  
Concen: 51.52 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Tgt Ion:104 Resp: 523304  
Ion Ratio Lower Upper  
104 100  
78 47.7 38.6 58.0  
103 54.4 44.0 66.0



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: 43.65 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

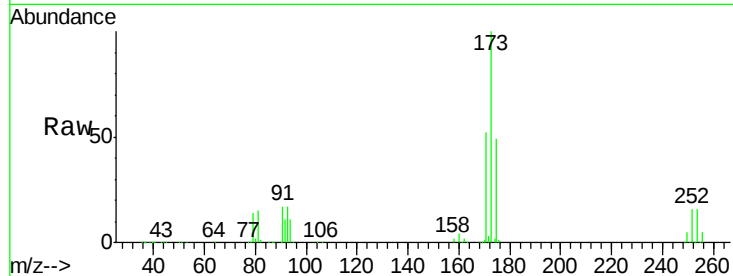
ClientSampled :

VSTDCCC050

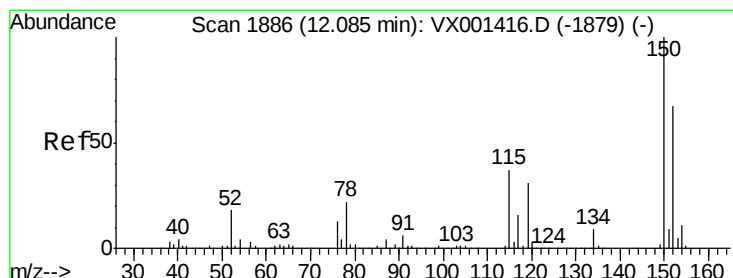
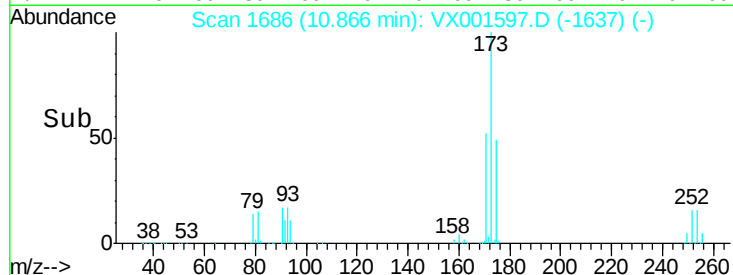
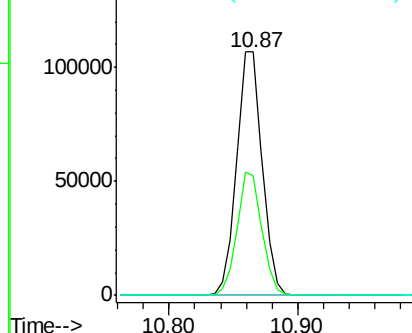
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.2  | 24.5  | 73.5  |
| 254     | 0.2   | 0.2   | 0.2   |

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

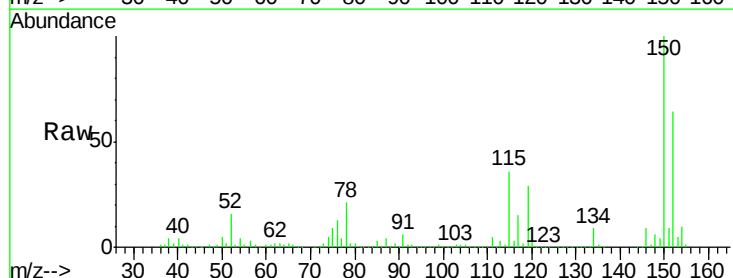
RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

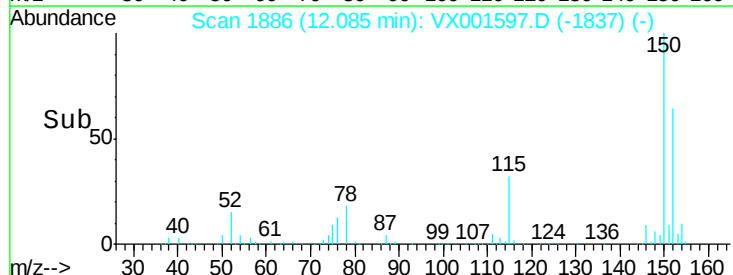
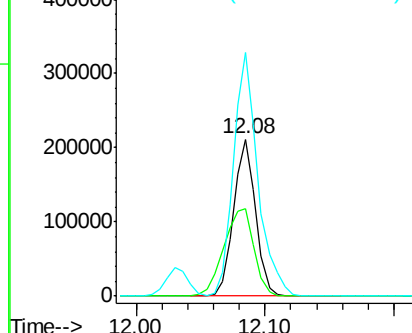
Lab File: VX001597.D

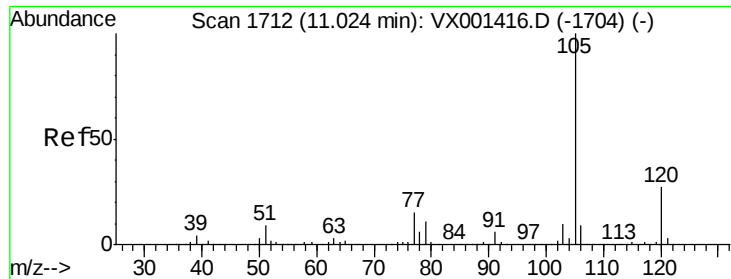
Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 76.6  | 37.7  | 113.1 |
| 150     | 173.3 | 0.0   | 349.4 |



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





#73

Isopropylbenzene

Concen: 49.65 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 863256

Ion Ratio Lower Upper

105 100

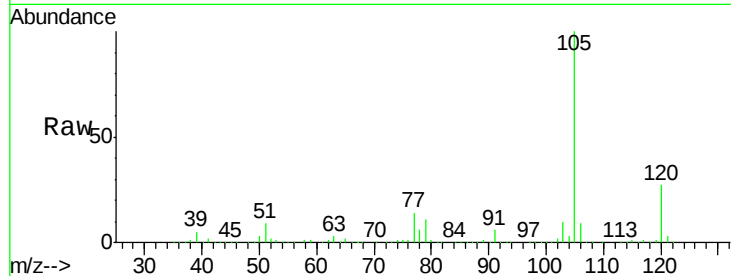
120 27.4 13.6 40.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

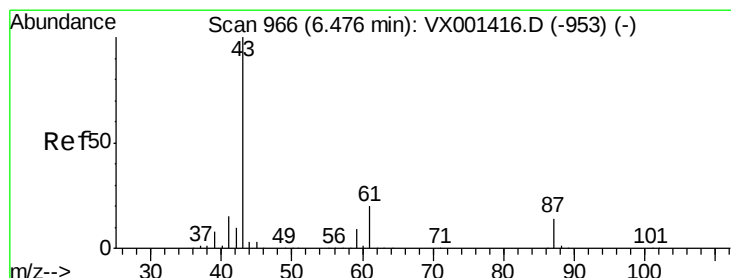
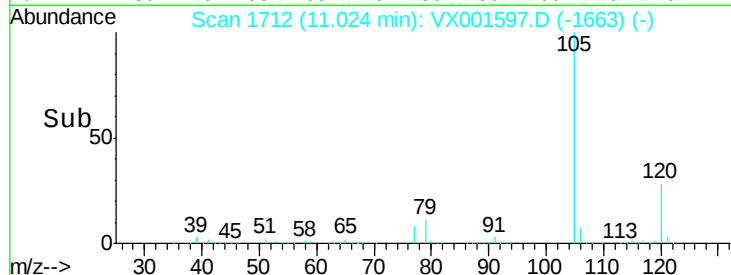
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 46.18 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Tgt Ion: 43 Resp: 364660

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.2 15.4 23.0

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

200000

150000

100000

50000

0

6.47

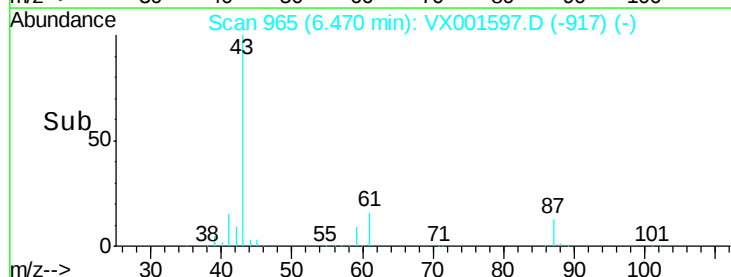
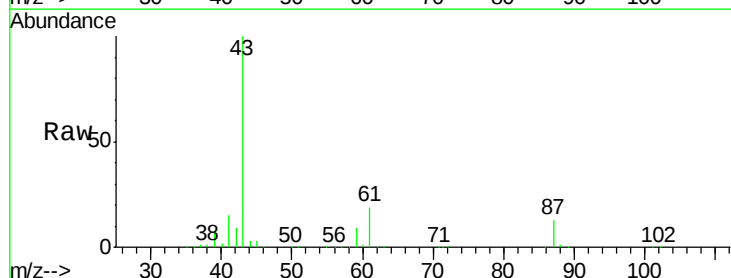
6.30

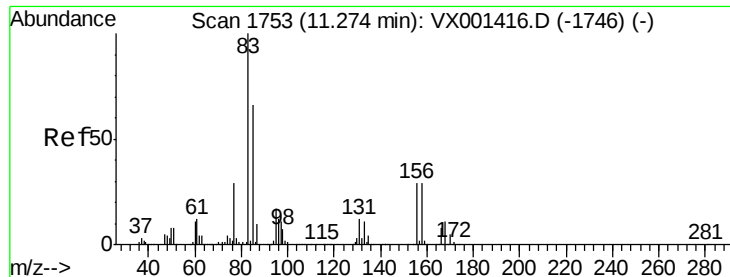
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 240039  
Ion Ratio Lower Upper

83 100

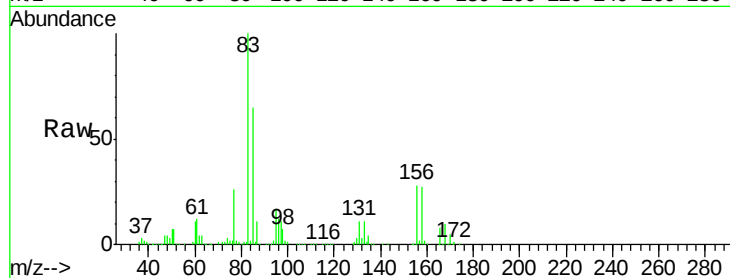
131 11.5 5.8 17.4

85 64.9 32.7 98.1

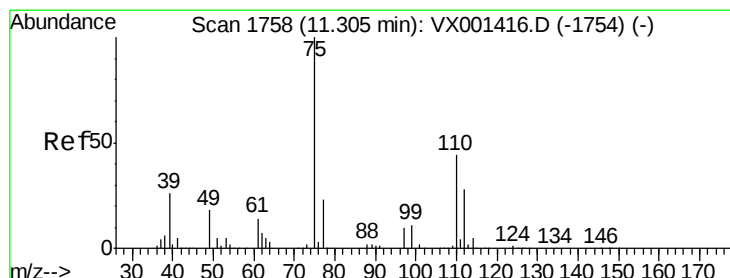
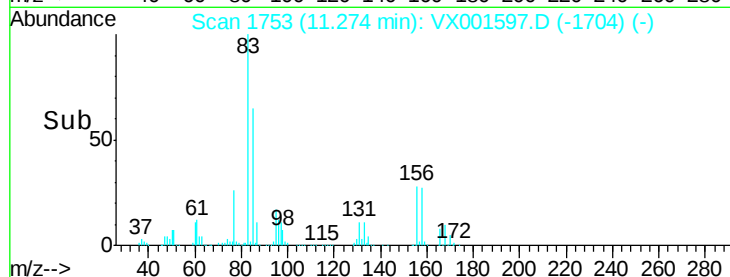
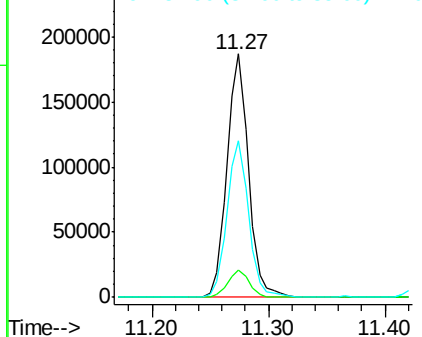
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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 46.96 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

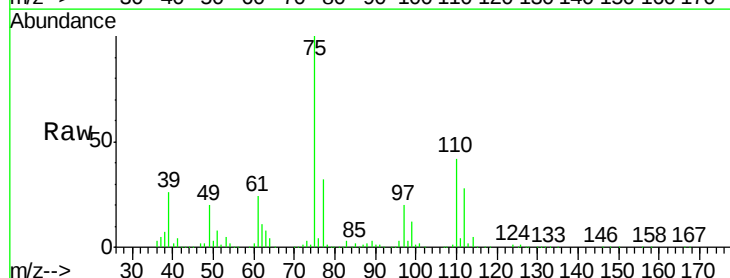
Lab File: VX001597.D

Acq: 10 May 2018 11:16

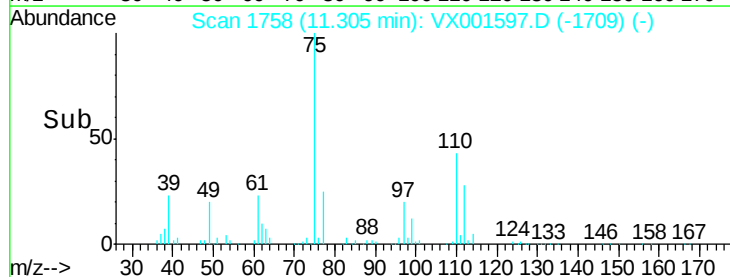
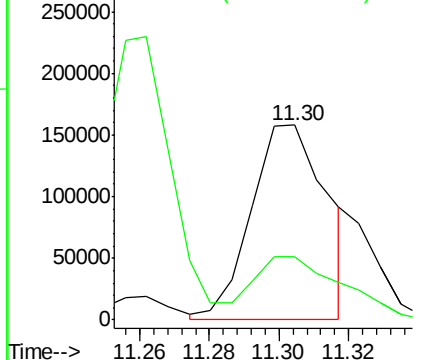
Tgt Ion: 75 Resp: 239173  
Ion Ratio Lower Upper

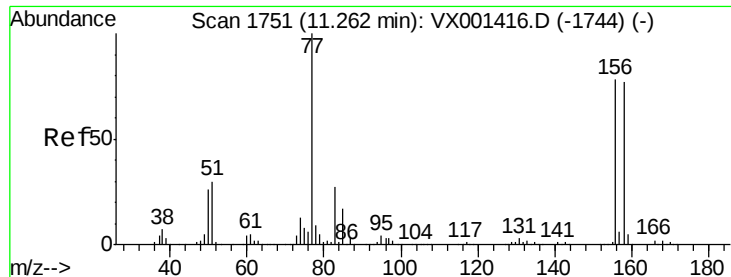
75 100

77 37.7 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.38 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

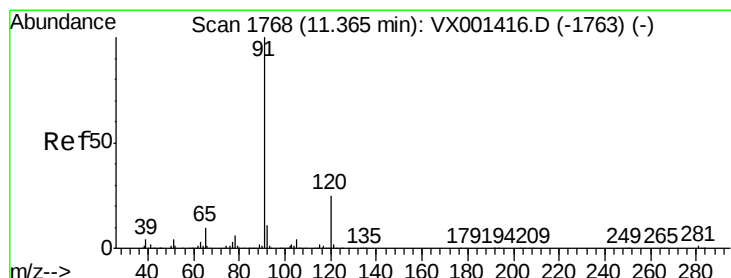
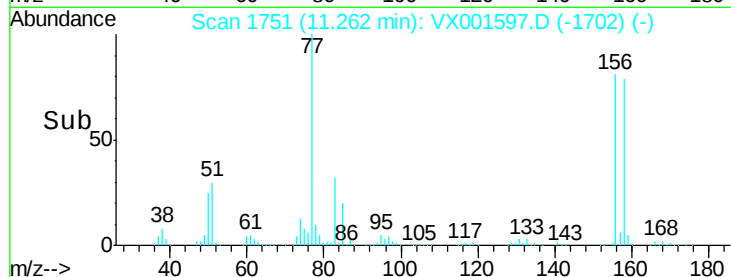
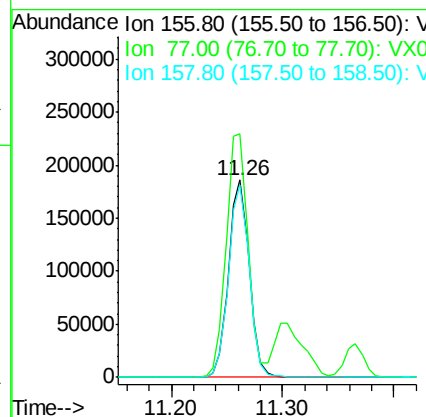
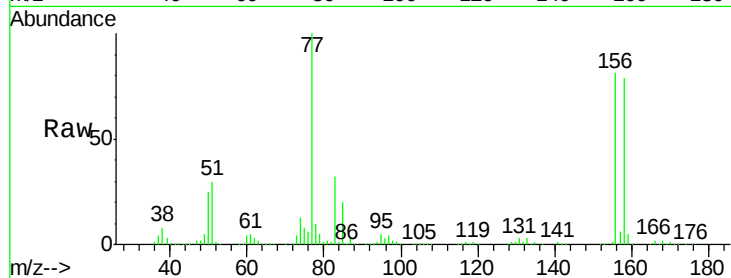
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 239466 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 131.5 | 66.0  | 198.2  |
| 158       | 97.6  | 49.4  | 148.2  |

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#78

n-propylbenzene

Concen: 51.73 ug/l

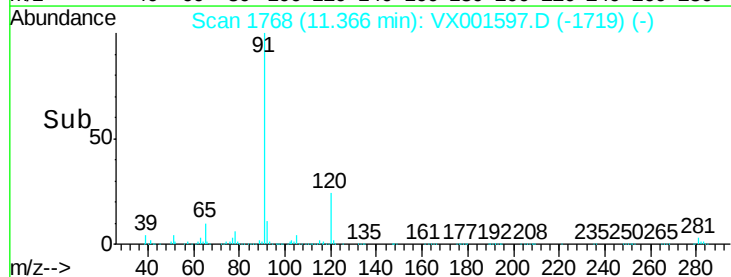
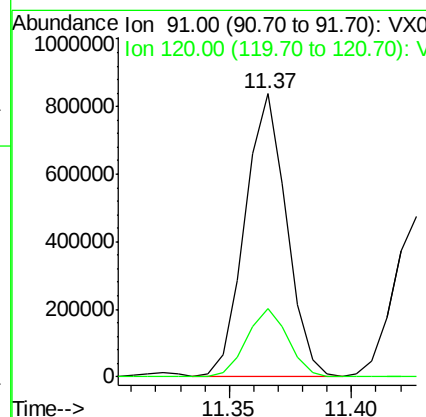
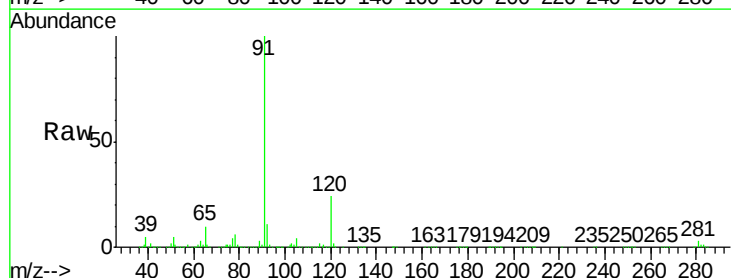
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 979350 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.3  | 12.5  | 37.5   |





#79

2-Chlorotoluene

Concen: 49.07 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 571664

Ion Ratio Lower Upper

91 100

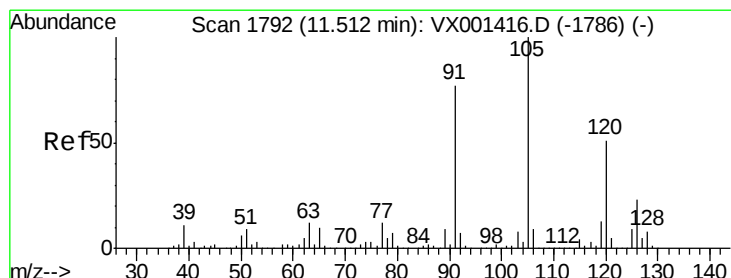
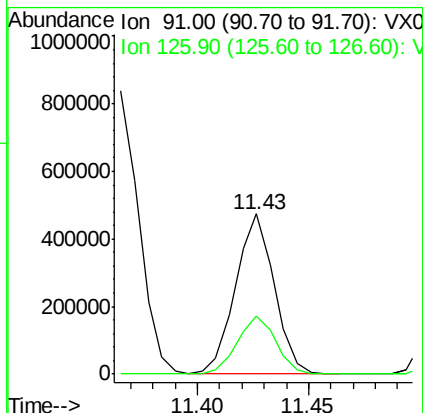
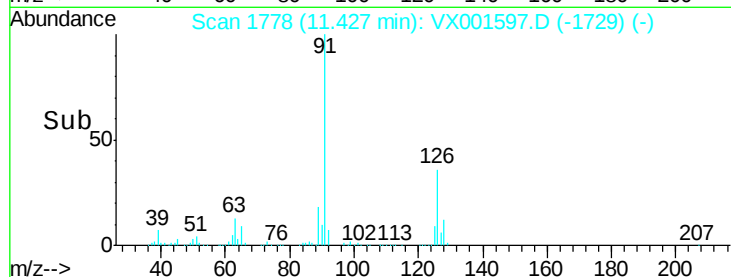
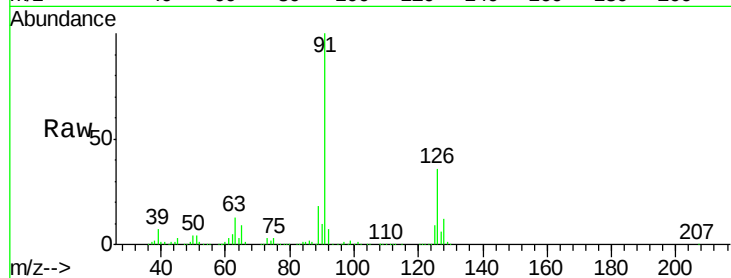
126 36.8 18.1 54.4

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#80

1,3,5-Trimethylbenzene

Concen: 50.18 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001597.D

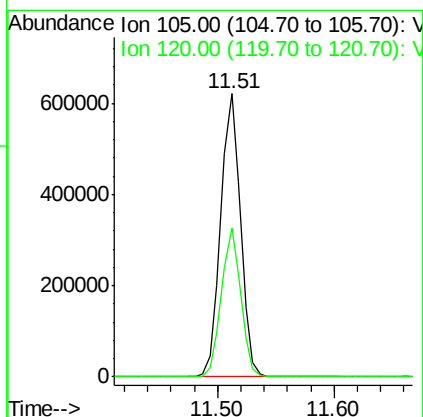
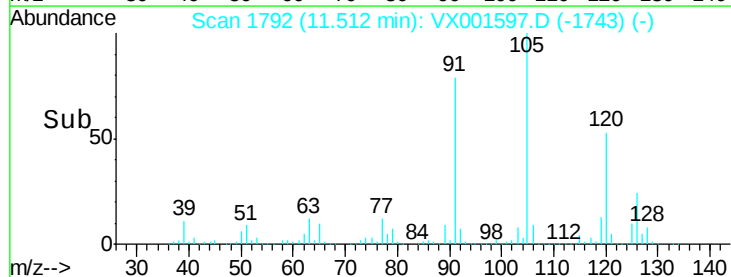
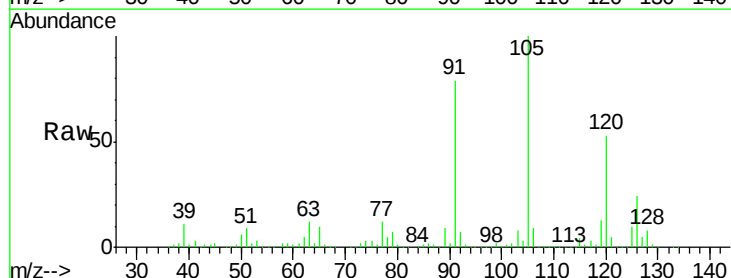
Acq: 10 May 2018 11:16

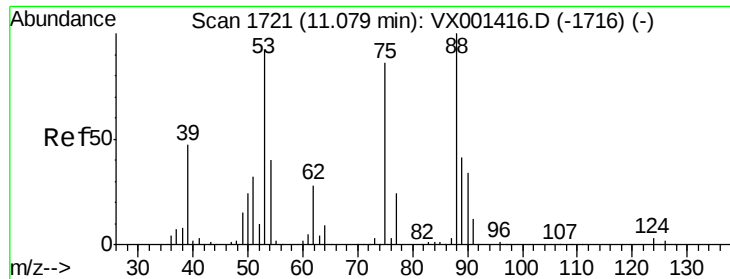
Tgt Ion: 105 Resp: 726340

Ion Ratio Lower Upper

105 100

120 51.5 25.7 77.1





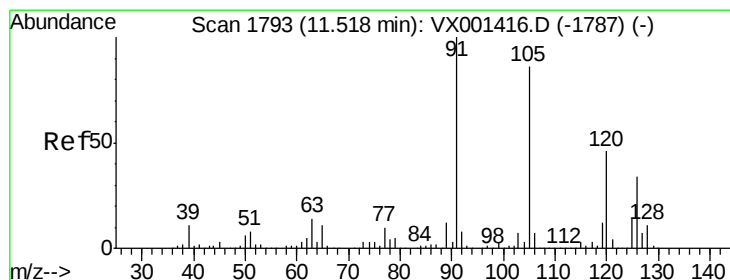
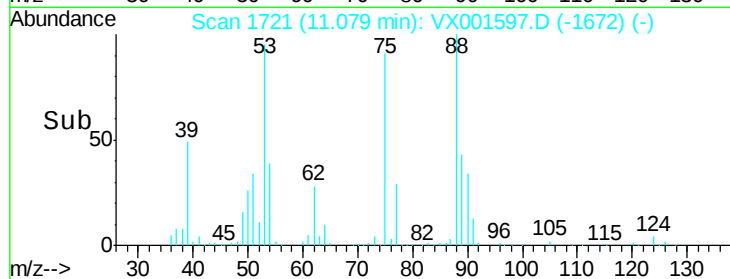
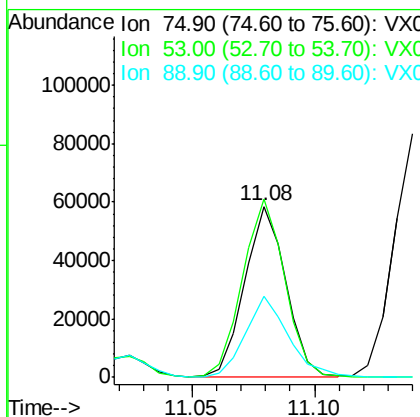
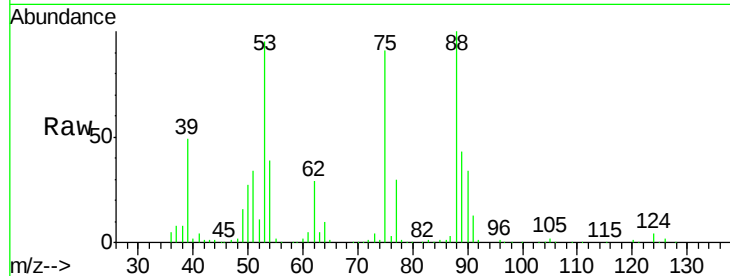
#81  
trans-1,4-Dichloro-2-butene  
Concen: 43.58 ug/l  
RT: 11.08 min Scan# 1721  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

Tot Ion: 75 Resp: 68649  
Ion Ratio Lower Upper  
75 100  
53 108.1 84.5 126.7  
89 50.3 39.5 59.3

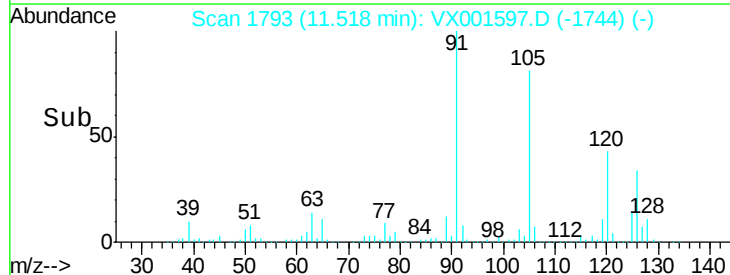
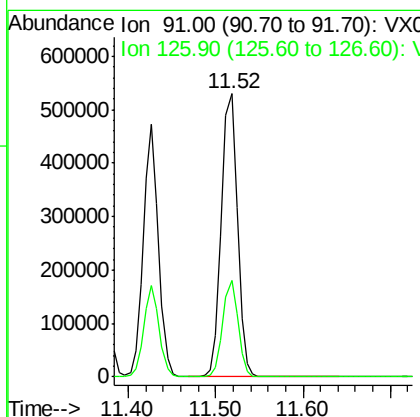
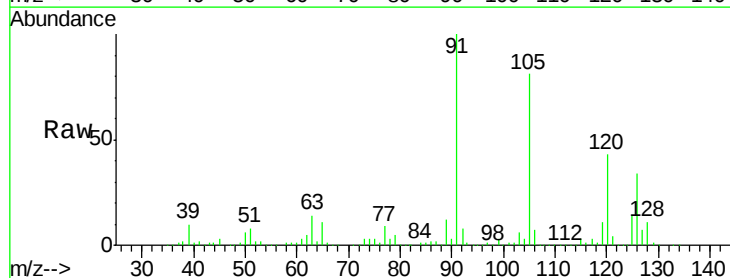
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#82  
4-Chlorotoluene  
Concen: 50.06 ug/l  
RT: 11.52 min Scan# 1793  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Tgt Ion: 91 Resp: 672804  
Ion Ratio Lower Upper  
91 100  
126 32.4 16.2 48.5





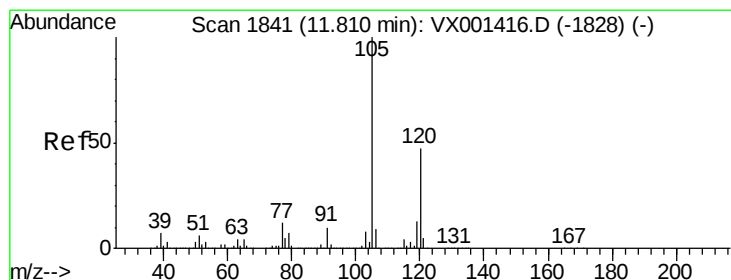
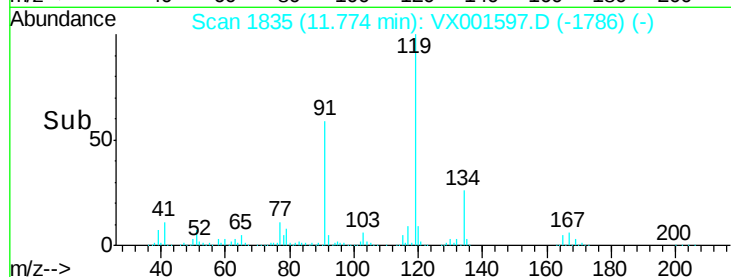
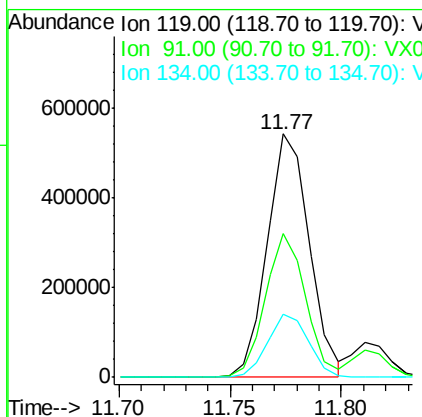
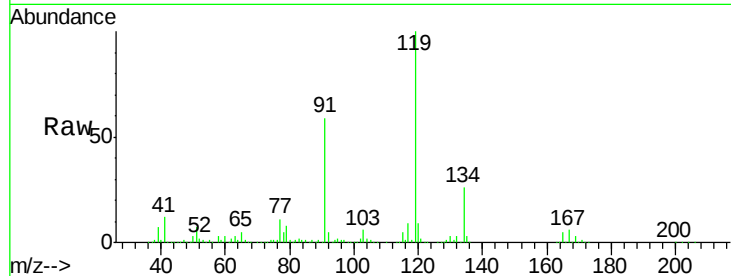
#83  
tert-Butylbenzene  
Concen: 49.48 ug/l  
RT: 11.77 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 56.3  | 27.8  | 83.3  |
| 134     | 25.2  | 12.4  | 37.0  |

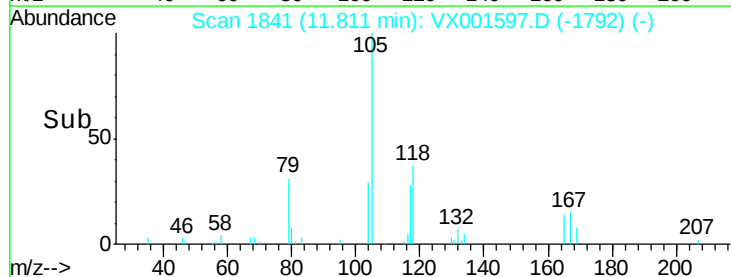
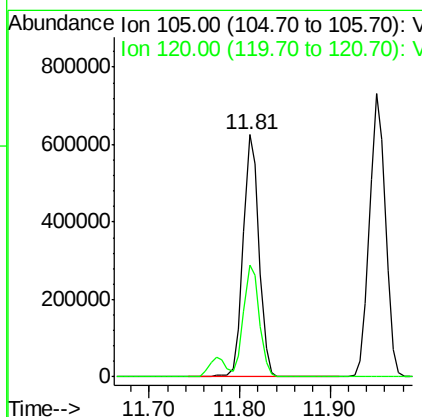
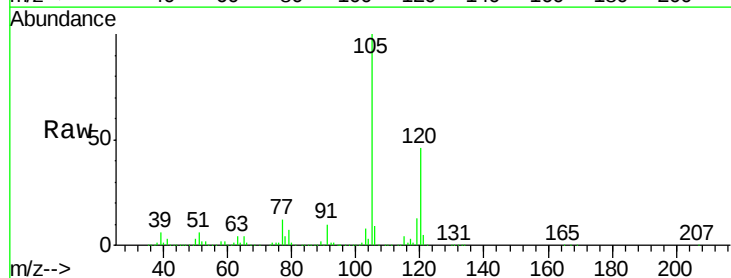
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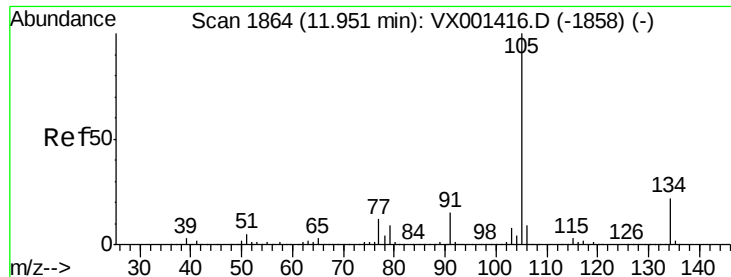
apatel  
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#84  
1,2,4-Trimethylbenzene  
Concen: 50.80 ug/l  
RT: 11.81 min Scan# 1841  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.2  | 23.4  | 70.2  |





#85

sec-Butylbenzene

Concen: 51.93 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 897658

Ion Ratio Lower Upper

105 100

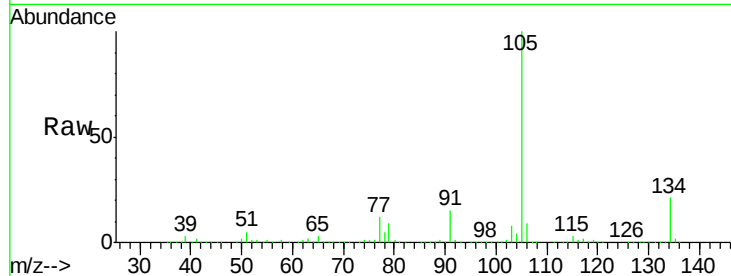
134 21.7 10.9 32.9

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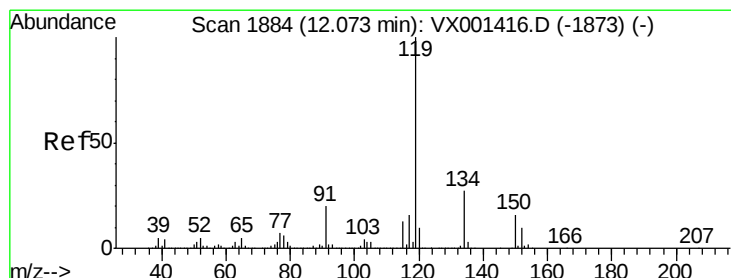
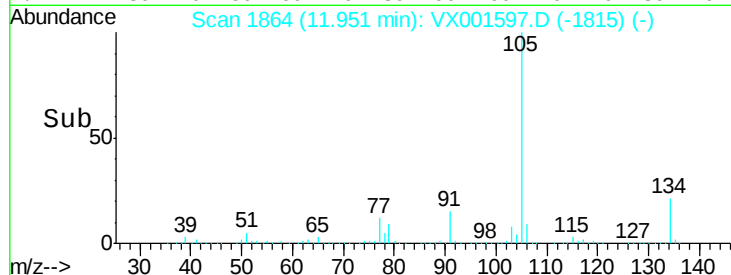
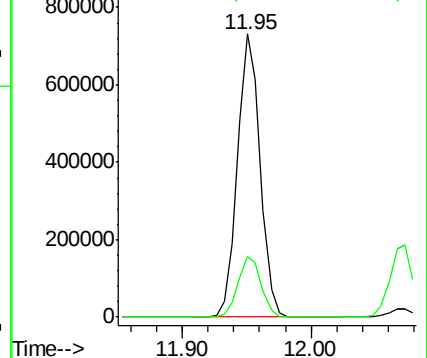
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.26 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

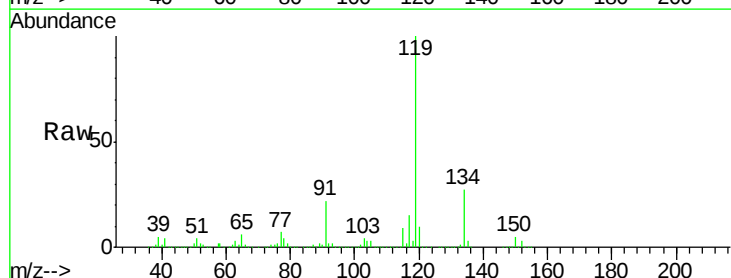
Tgt Ion:119 Resp: 828694

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

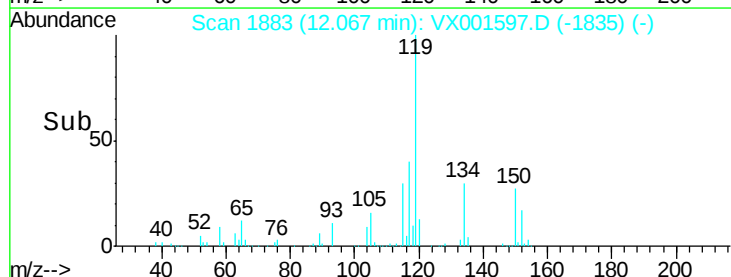
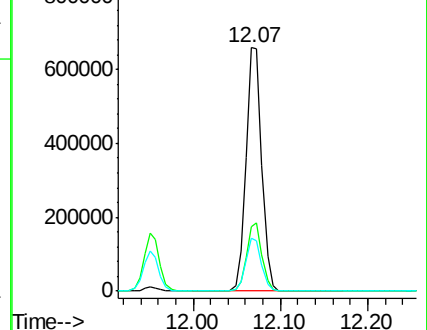
91 21.5 10.8 32.3

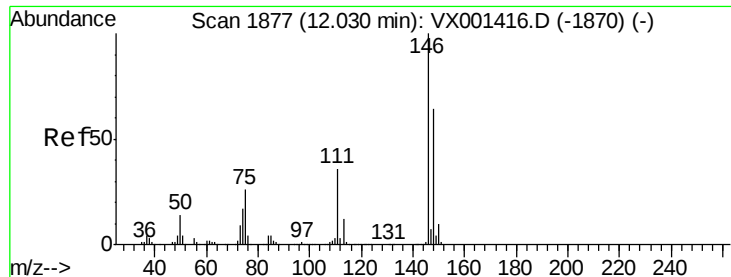


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





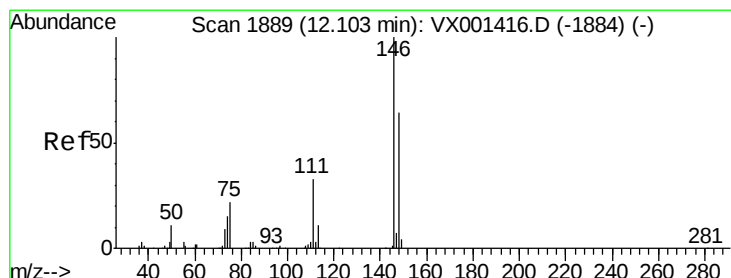
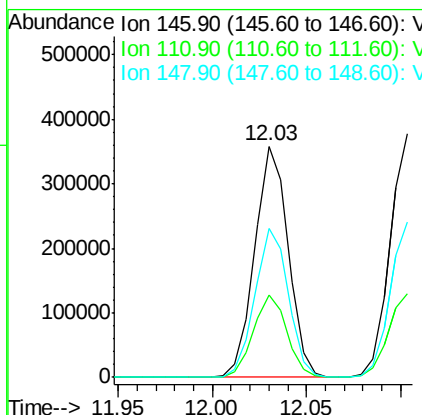
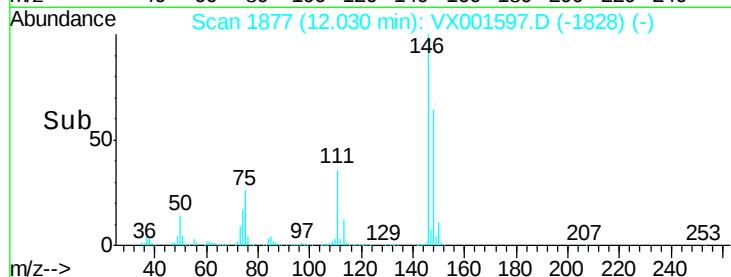
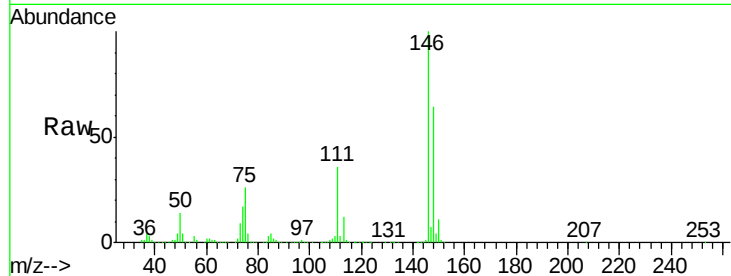
#87  
 1,3-Dichlorobenzene  
 Concen: 48.96 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.6  | 18.1  | 54.1  |
| 148     | 64.3  | 32.1  | 96.5  |

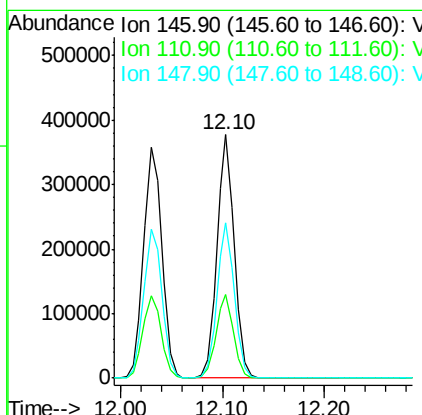
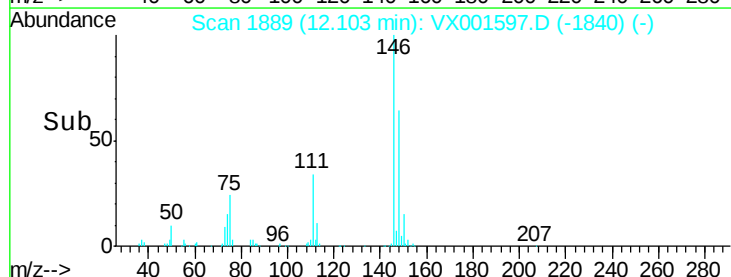
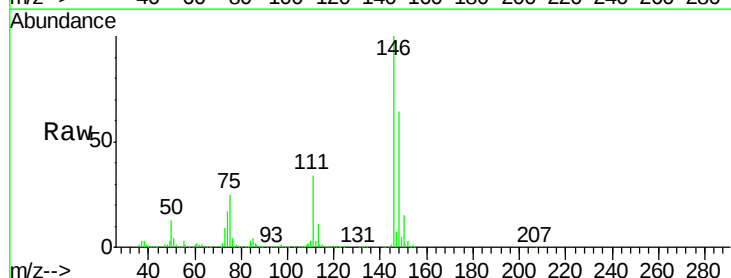
Manual Integrations  
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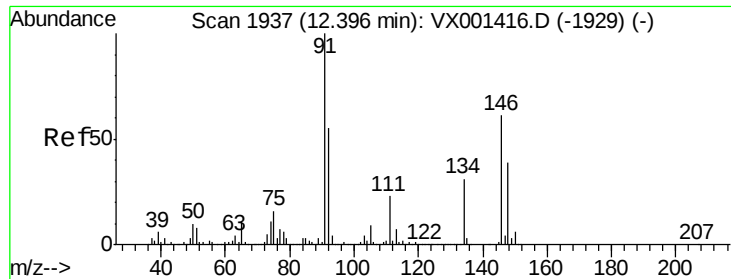
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#88  
 1,4-Dichlorobenzene  
 Concen: 48.81 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.1  | 17.4  | 52.3  |
| 148     | 64.1  | 32.2  | 96.6  |





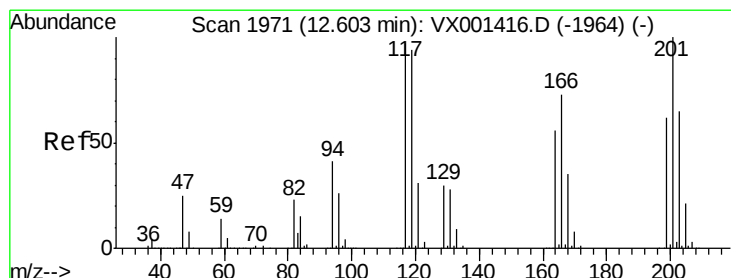
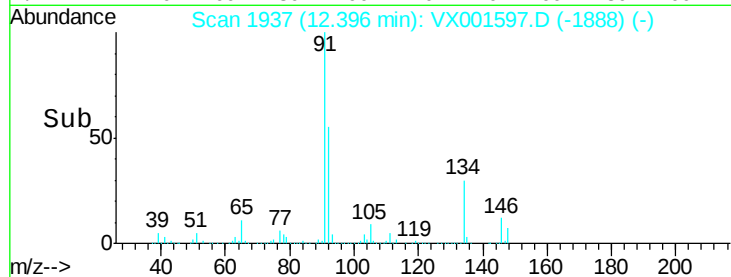
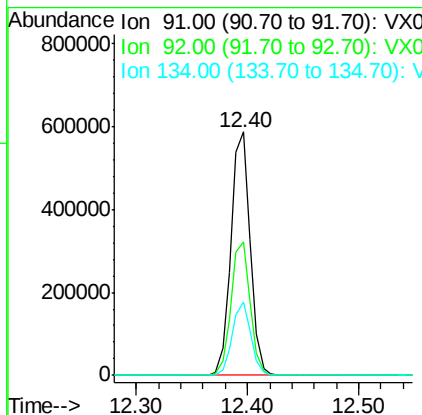
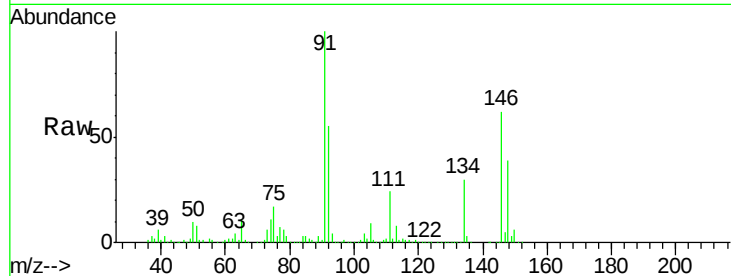
#89  
n-Butylbenzene  
Concen: 53.03 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 696767 |       |       |
| 92      | 54.6  |        | 27.2  | 81.5  |
| 134     | 29.2  |        | 14.6  | 44.0  |

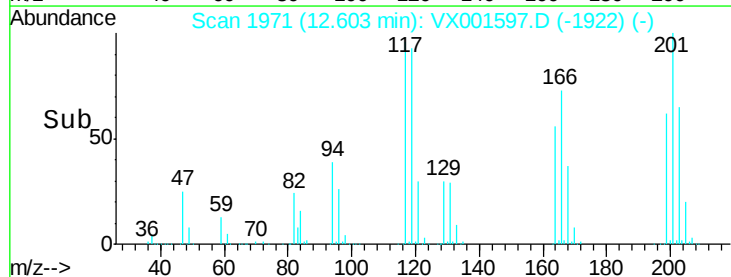
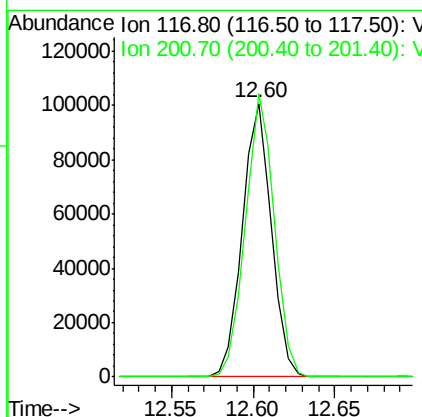
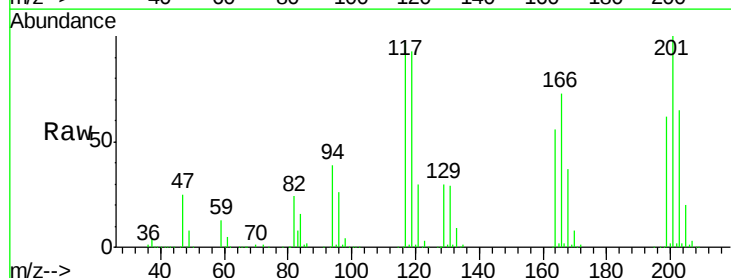
Manual Integrations  
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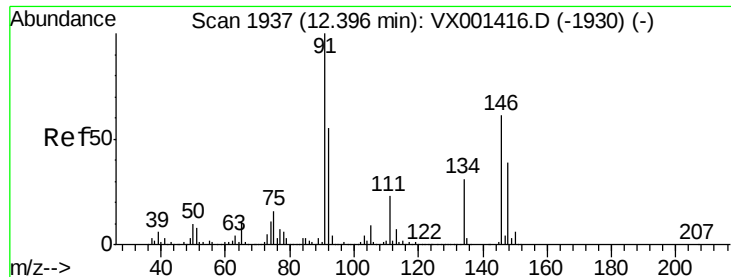
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#90  
Hexachloroethane  
Concen: 52.33 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: VX001597.D  
Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 124951 |       |       |
| 201     | 103.5 |        | 51.5  | 154.5 |





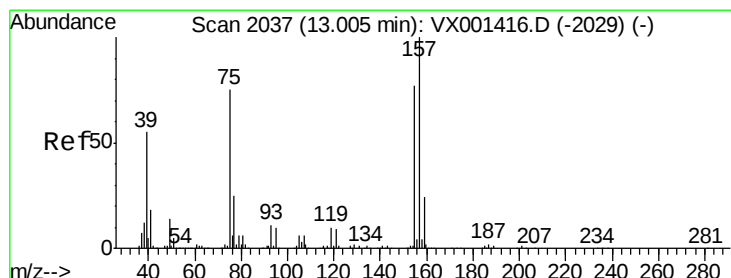
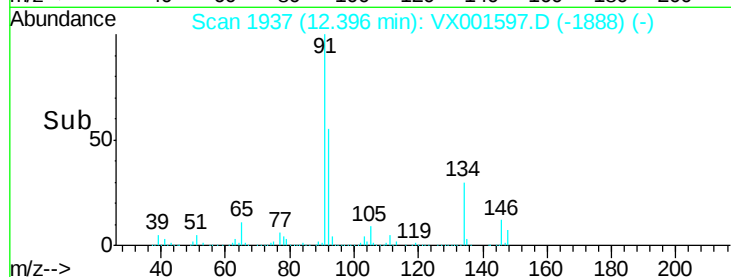
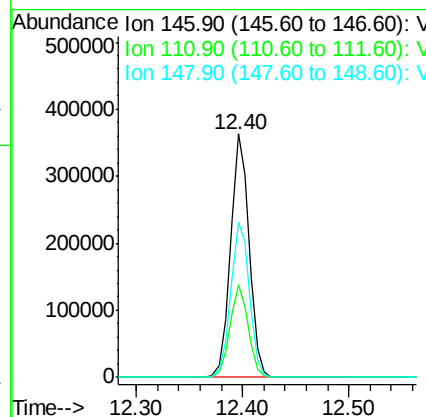
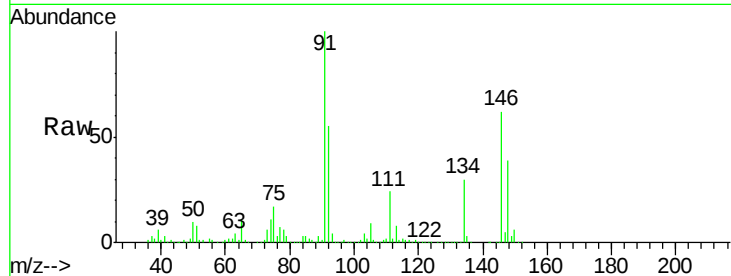
#91  
 1,2-Dichlorobenzene  
 Concen: 48.19 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 442965 |       |       |
| 111     | 37.5  | 18.6   | 55.8  |       |
| 148     | 64.3  | 32.1   | 96.5  |       |

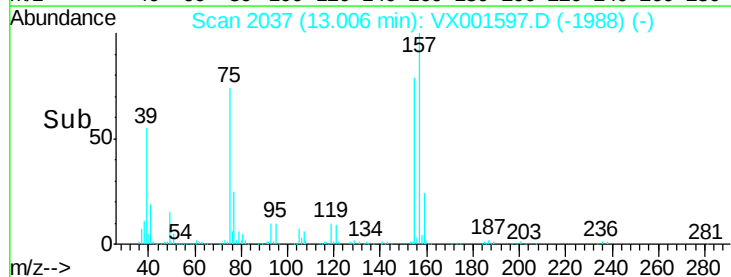
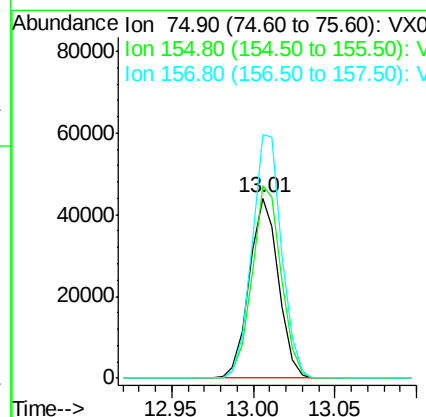
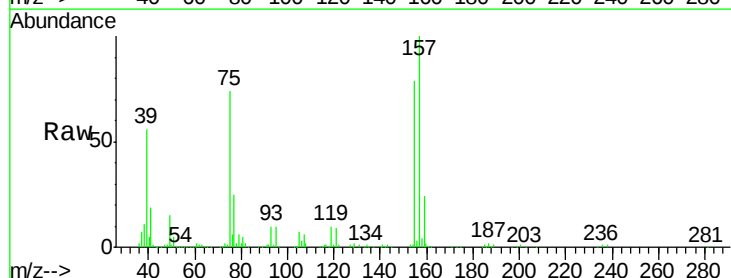
Manual Integrations  
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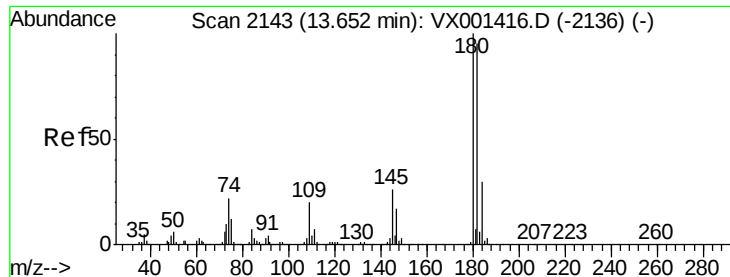
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.71 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 54956 |       |       |
| 155     | 106.8 | 53.4  | 160.2 |       |
| 157     | 137.3 | 68.3  | 204.8 |       |





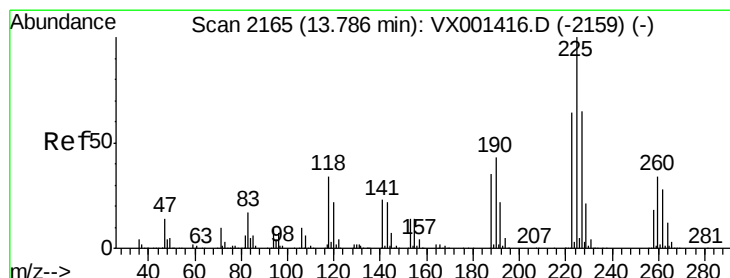
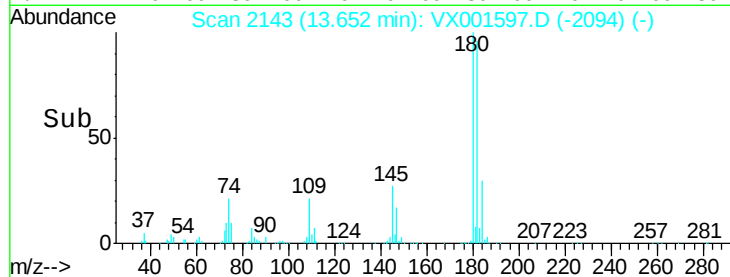
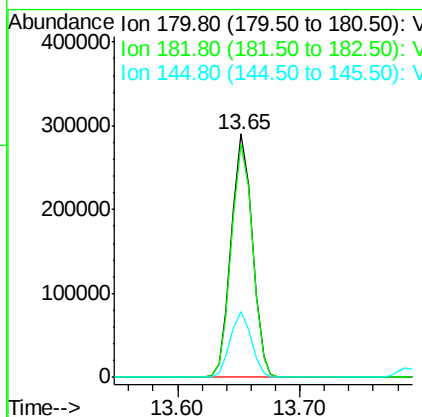
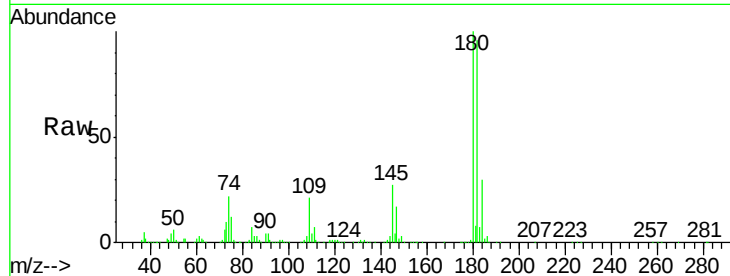
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.21 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. 0.00 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 344497 |       |       |
| 182     | 96.4  | 47.8   | 143.4 |       |
| 145     | 27.0  | 13.3   | 39.9  |       |

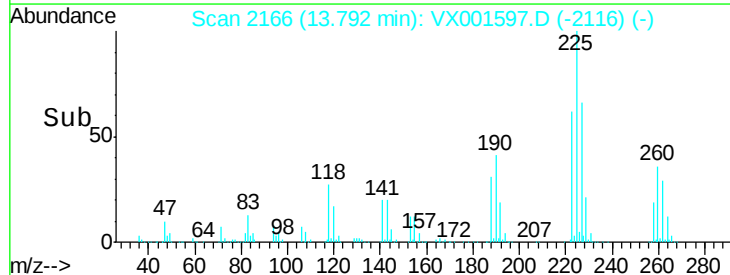
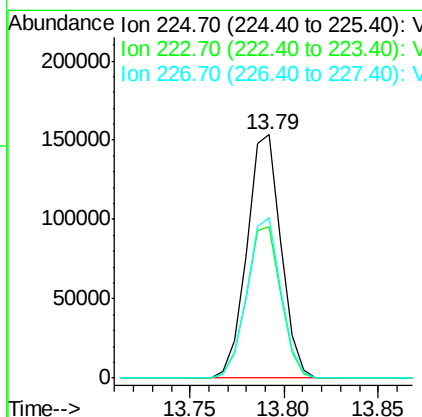
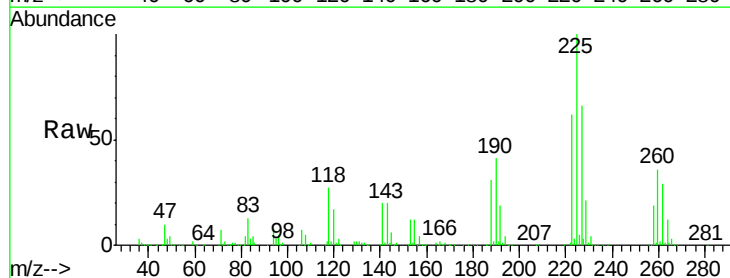
Manual Integrations  
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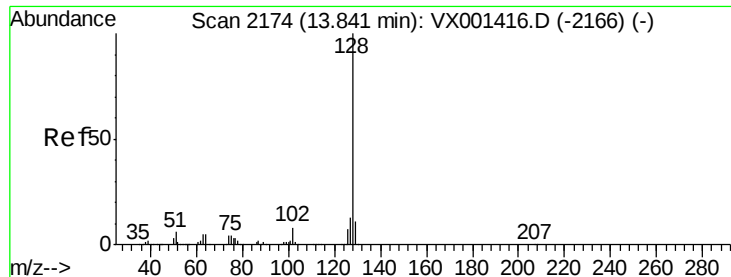
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#94  
 Hexachlorobutadiene  
 Concen: 52.24 ug/l  
 RT: 13.79 min Scan# 2166  
 Delta R.T. 0.01 min  
 Lab File: VX001597.D  
 Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 192290 |       |       |
| 223     | 63.0  | 31.3   | 93.9  |       |
| 227     | 65.5  | 32.4   | 97.2  |       |





#95

Naphthalene

Concen: 50.39 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

Instrument :

MSVOA\_X

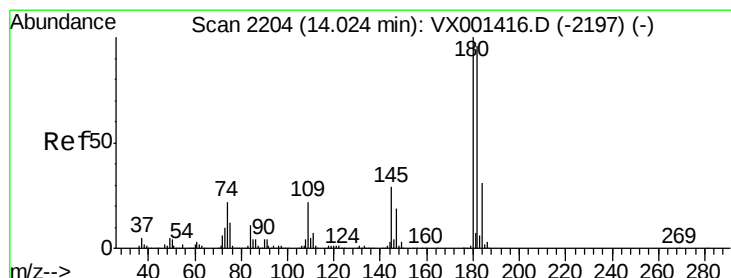
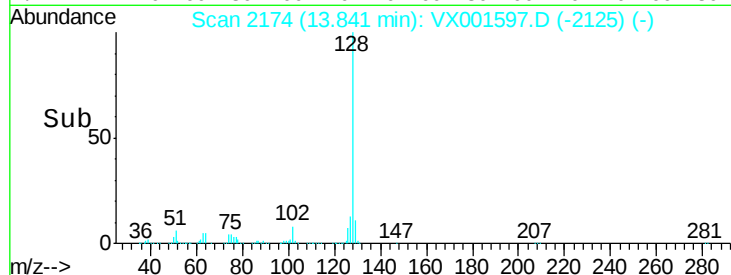
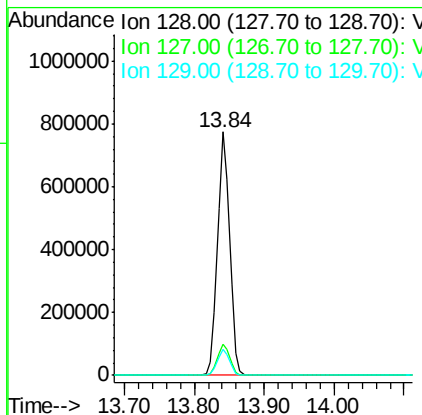
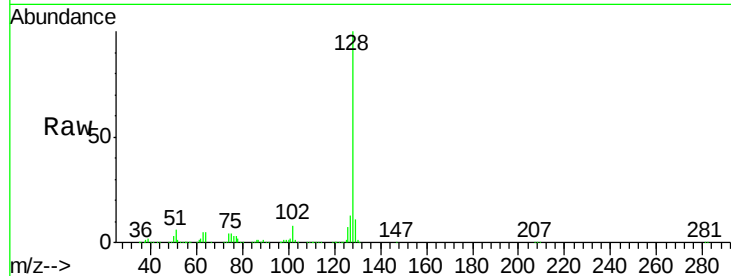
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.4  | 15.6  |
| 129     | 10.8  | 8.7   | 13.1  |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 50.62 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001597.D

Acq: 10 May 2018 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 48.0  | 144.2 |
| 145     | 28.8  | 14.1  | 42.4  |

