

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\  
 Data File : VX002273.D  
 Acq On : 04 Jun 2018 21:00  
 Operator : JC/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 05 05:02:11 2018  
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 283802   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 414749   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 400361   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 254201   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 194223   | 47.70 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.40% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 149164   | 45.73 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.46% |      |
| 50) Toluene-d8            | 8.72   | 98  | 581576   | 46.52 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.04% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 224180   | 46.50 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.00% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 153370  | 51.99  | ug/l | 97     |
| 3) Chloromethane              | 1.32 | 50  | 175737  | 52.11  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.41 | 62  | 187729  | 50.49  | ug/l | 98     |
| 5) Bromomethane               | 1.64 | 94  | 107967  | 51.40  | ug/l | 99     |
| 6) Chloroethane               | 1.72 | 64  | 118991  | 49.47  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 306647  | 54.13  | ug/l | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 106563  | 53.08  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 169013  | 55.28  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 207427  | 48.24  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.08 | 59  | 215485  | 259.85 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 152038  | 50.32  | ug/l | 99     |
| 13) Acrolein                  | 2.30 | 56  | 101654  | 252.36 | ug/l | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 305319  | 46.57  | ug/l | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 458032  | 265.79 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 437308  | 250.59 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 372067  | 46.72  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 221699  | 54.79  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 558306  | 53.22  | ug/l | 100    |
| 20) Methylene Chloride        | 2.86 | 84  | 170250  | 53.23  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 161701  | 48.53  | ug/l | 96     |
| 22) Diisopropyl ether         | 3.88 | 45  | 552078  | 50.41  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.83 | 43  | 2382324 | 224.13 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 277587  | 42.84  | ug/l | 99     |
| 25) 2-Butanone                | 4.71 | 43  | 625496  | 224.78 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 212706  | 41.99  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 165092  | 45.56  | ug/l | 96     |
| 28) Bromochloromethane        | 5.03 | 49  | 144721  | 52.70  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.17 | 42  | 413400  | 230.42 | ug/l | 99     |
| 30) Chloroform                | 5.22 | 83  | 293845  | 46.99  | ug/l | 97     |
| 31) Cyclohexane               | 5.58 | 56  | 268738  | 52.44  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 260514  | 49.12  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 216468  | 49.65  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.87 | 43  | 247904  | 47.28  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 230847  | 50.61  | ug/l | 98     |

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 Operator : JC/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 05 05:02:11 2018  
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 272861   | 50.65  | ug/l   | 98       |
| 40) Benzene                    | 6.15  | 78   | 646948   | 48.39  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 141430   | 47.12  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 252794   | 47.59  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.47  | 43   | 417555   | 46.88  | ug/l   | 100      |
| 44) Trichloroethene            | 7.22  | 130  | 186471   | 50.26  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 171285   | 47.46  | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 114860   | 46.95  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 213538   | 48.26  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.78  | 41   | 212667   | 47.54  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 81307    | 972.01 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1353487  | 244.03 | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 425309   | 50.02  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 258476   | 48.71  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 241062   | 48.15  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 168901   | 48.30  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 267133   | 47.84  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 281309   | 47.95  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 629135   | 243.46 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 1041800  | 243.18 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 175675   | 49.94  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 180659   | 49.54  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 209707   | 50.79  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 484343   | 48.62  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 175779   | 48.73  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.26 | 91   | 836354   | 50.17  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.37 | 106  | 650440   | 100.37 | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 319738   | 49.58  | ug/l   | 100      |
| 70) Styrene                    | 10.72 | 104  | 534005   | 50.65  | ug/l   | 100      |
| 71) Bromoform                  | 10.86 | 173  | 137871   | 43.18  | ug/l   | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 869691   | 49.18  | ug/l   | 100      |
| 74) N-amyl acetate             | 6.47  | 43   | 417555   | 43.82  | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 249850   | 44.92  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 302660   | 54.26  | ug/l   | 79       |
| 77) Bromobenzene               | 11.26 | 156  | 234570   | 47.25  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.37 | 91   | 993644   | 50.55  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 591370   | 47.65  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 743276   | 49.00  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 69690    | 43.80  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 697546   | 48.69  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 721961   | 48.88  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 765684   | 49.04  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 898479   | 51.89  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 804866   | 51.03  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 428827   | 48.31  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 432855   | 47.31  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 691736   | 52.29  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 122422   | 48.63  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 433915   | 47.25  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 59157    | 48.64  | ug/l   | 98       |

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Data File : VX002273.D  
Acq On : 04 Jun 2018 21:00  
Operator : JC/MD  
Sample : VSTDCCC050EC  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 22 Sample Multiplier: 1

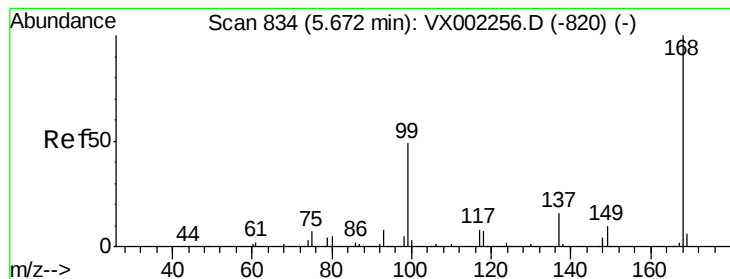
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jun 05 05:02:11 2018  
Quant Method : Y:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 05 03:22:35 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 312972   | 48.60 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 166892   | 52.44 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 905523   | 48.94 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 321379   | 48.93 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

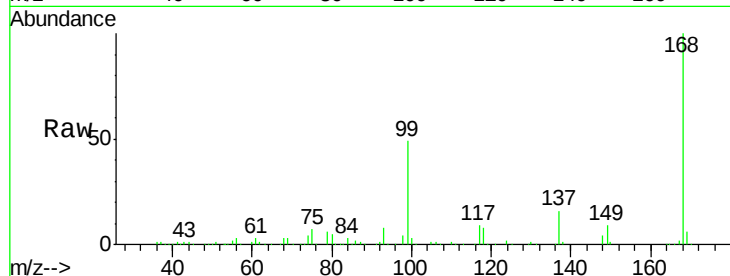
VSTDCCC050EC

Tot Ion:168 Resp: 283802

Ion Ratio Lower Upper

168 100

99 49.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

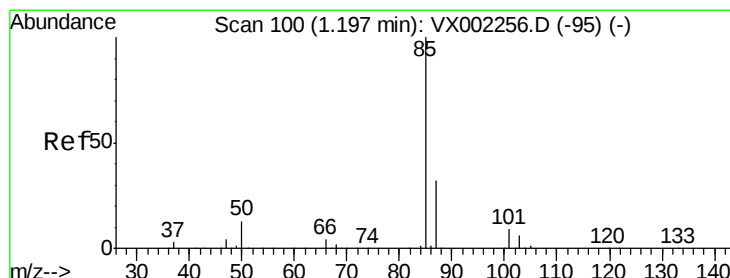
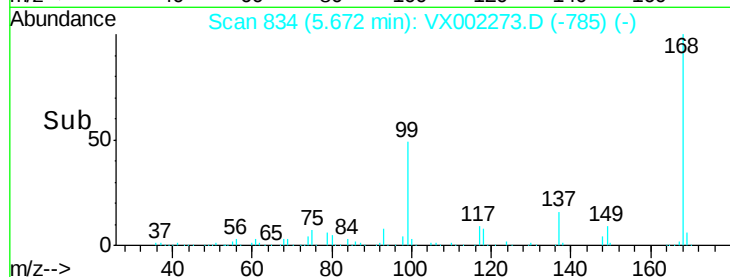
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.99 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002273.D

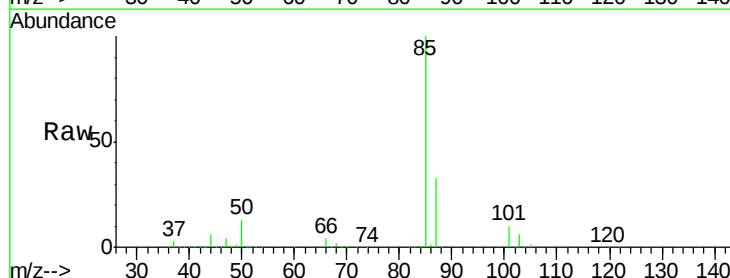
Acq: 04 Jun 2018 21:00

Tgt Ion: 85 Resp: 153370

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

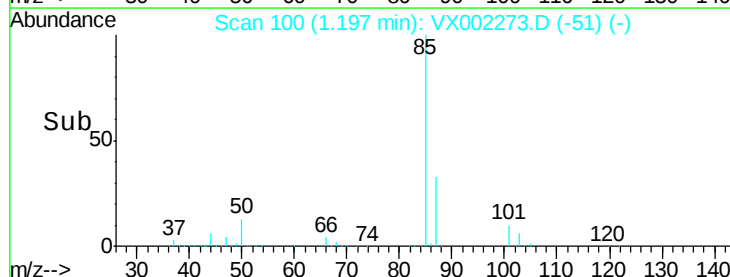
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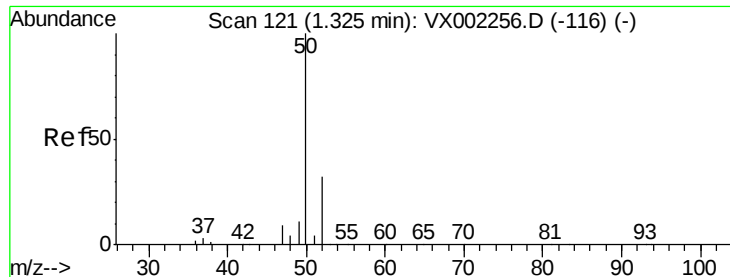
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 52.11 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

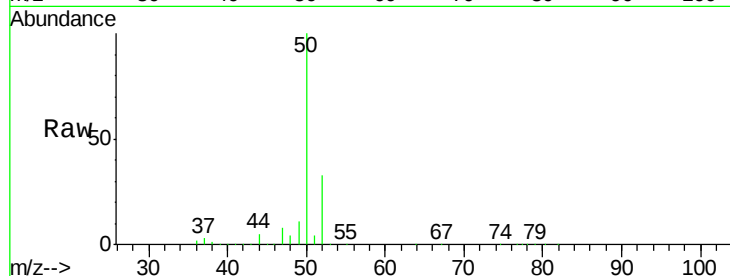
VSTDCCC050EC

Tot Ion: 50 Resp: 175737

Ion Ratio Lower Upper

50 100

52 32.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

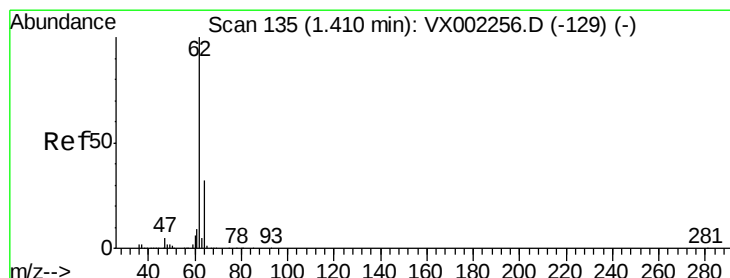
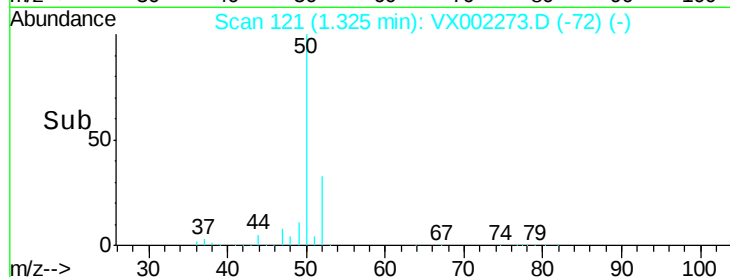
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 50.49 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002273.D

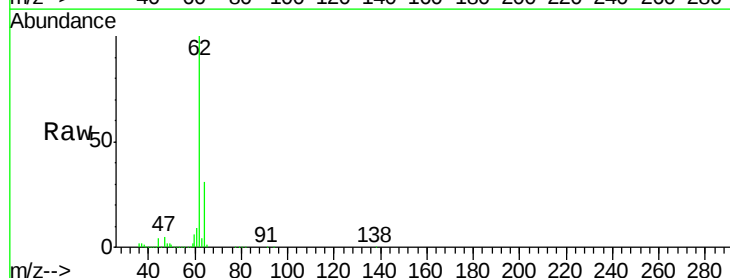
Acq: 04 Jun 2018 21:00

Tgt Ion: 62 Resp: 187729

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

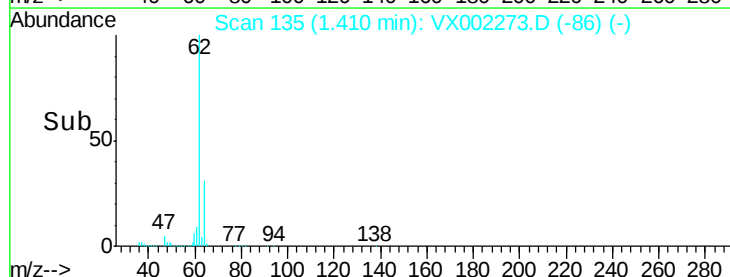
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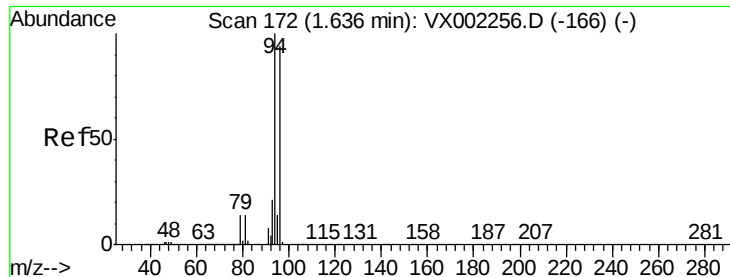
100000

50000

0

Time-->





#5

Bromomethane

Concen: 51.40 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

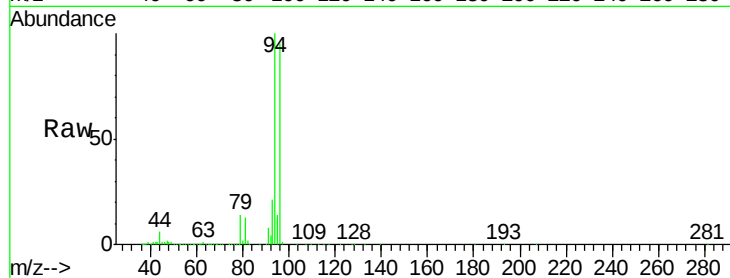
VSTDCCC050EC

Tot Ion: 94 Resp: 107967

Ion Ratio Lower Upper

94 100

96 94.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

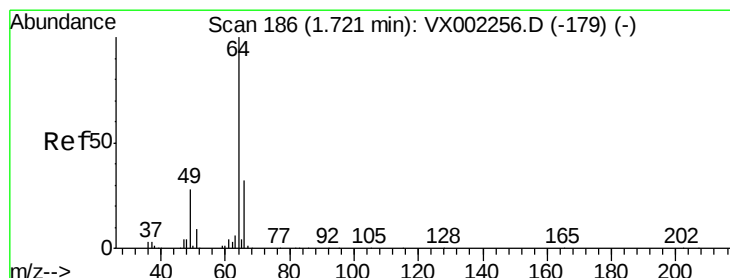
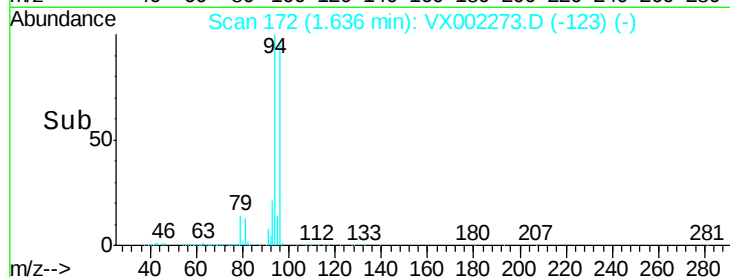
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 49.47 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002273.D

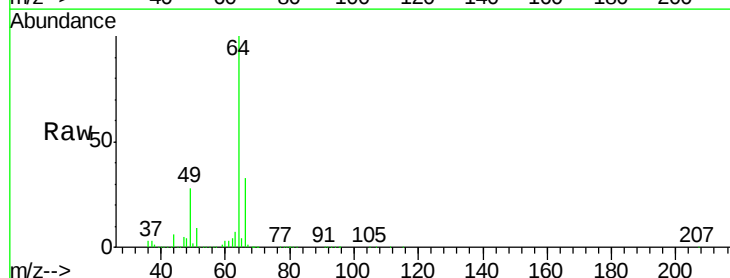
Acq: 04 Jun 2018 21:00

Tgt Ion: 64 Resp: 118991

Ion Ratio Lower Upper

64 100

66 32.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

100000

80000

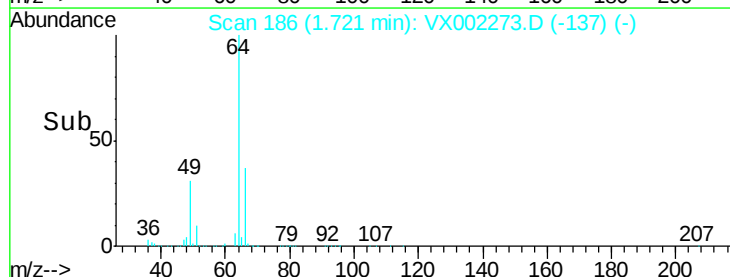
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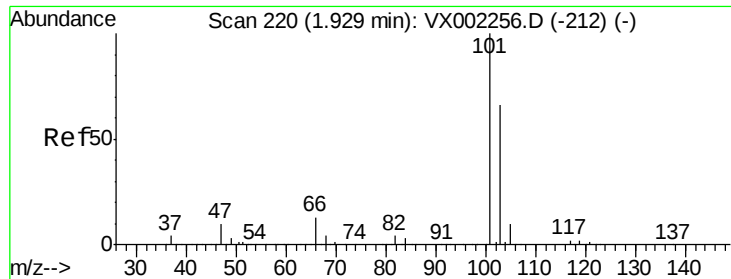
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20000

0

Time-->





#7

Trichlorofluoromethane

Concen: 54.13 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

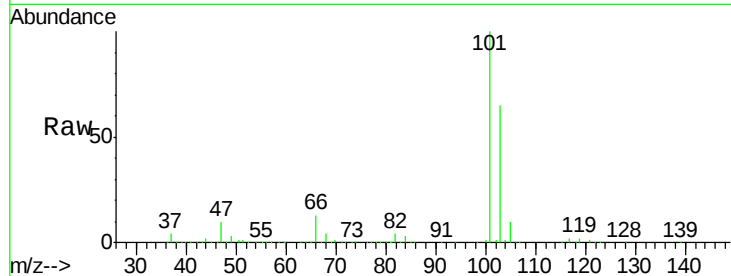
VSTDCCC050EC

Tot Ion:101 Resp: 306647

Ion Ratio Lower Upper

101 100

103 64.9 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

200000

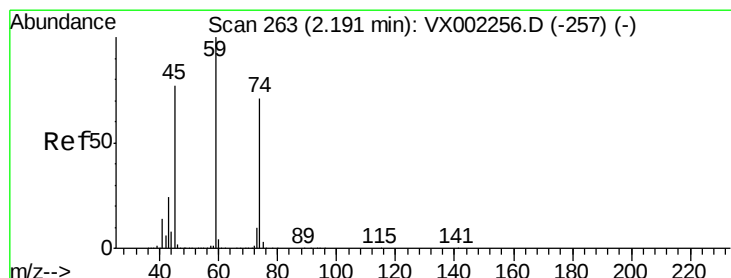
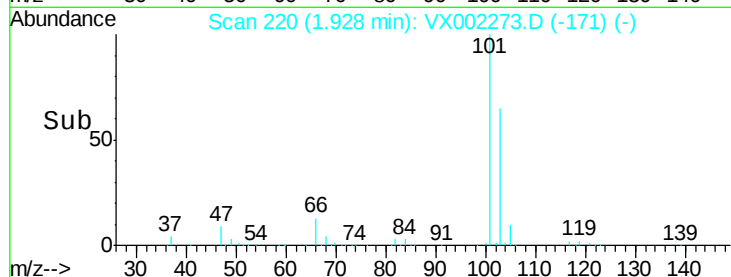
150000

100000

50000

0

Time--> 1.80 1.90 2.00 2.10



#8

Diethyl Ether

Concen: 53.08 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002273.D

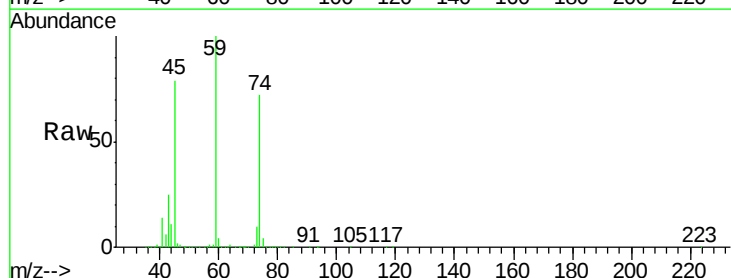
Acq: 04 Jun 2018 21:00

Tgt Ion: 74 Resp: 106563

Ion Ratio Lower Upper

74 100

45 106.1 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

80000

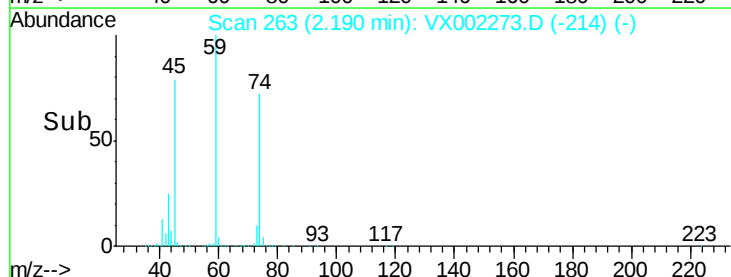
60000

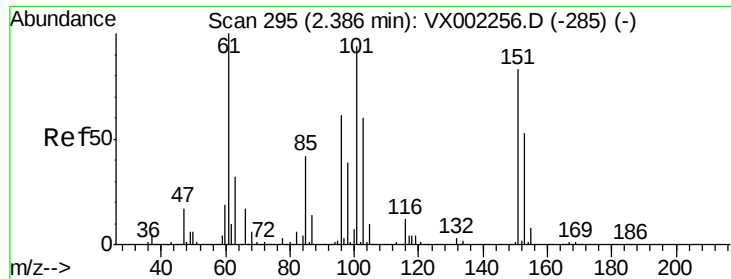
40000

20000

0

Time--> 2.10 2.15 2.20 2.25 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.28 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

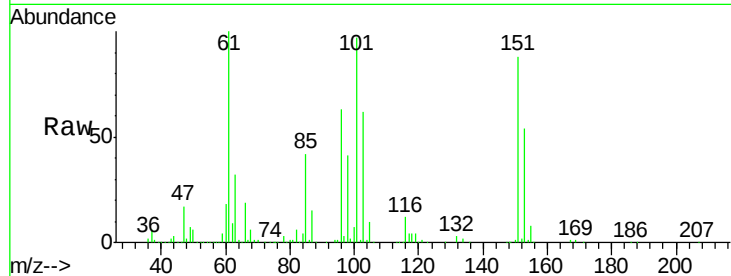
Tot Ion:101 Resp: 169013

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

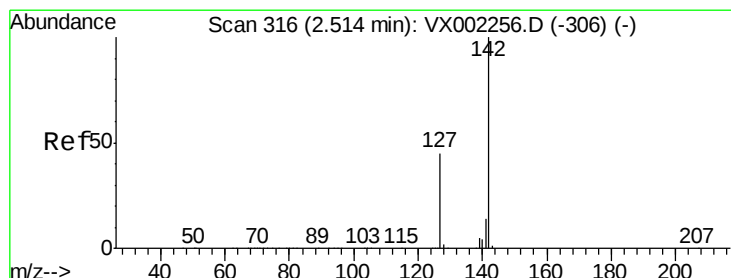
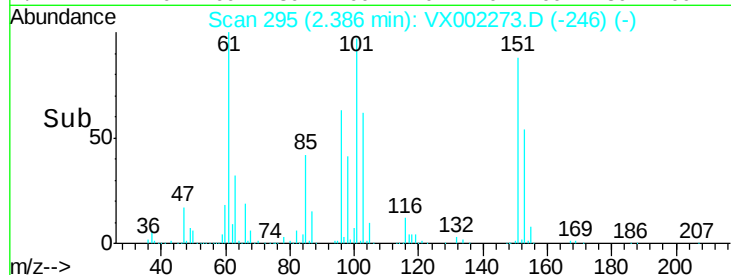
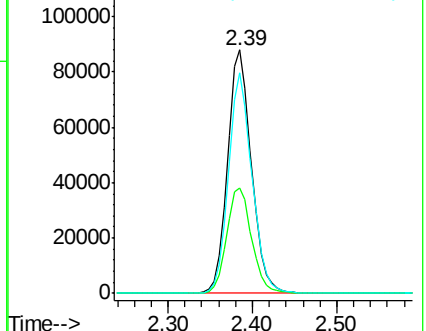
151 89.5 70.9 106.3



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: 48.24 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

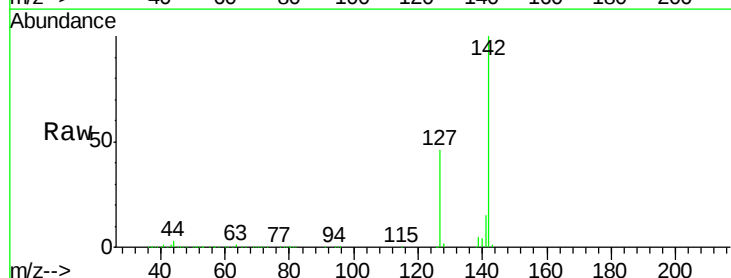
Tgt Ion:142 Resp: 207427

Ion Ratio Lower Upper

142 100

127 46.1 36.6 55.0

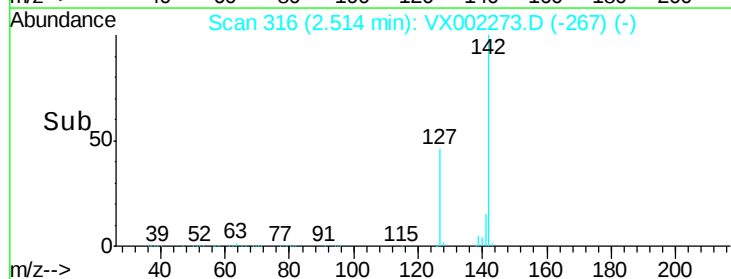
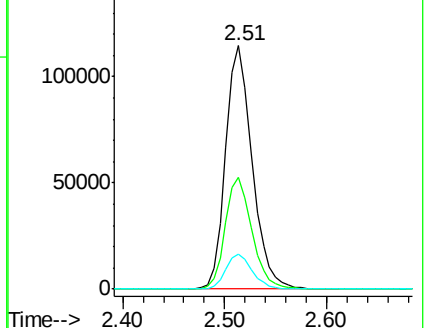
141 14.5 11.3 16.9

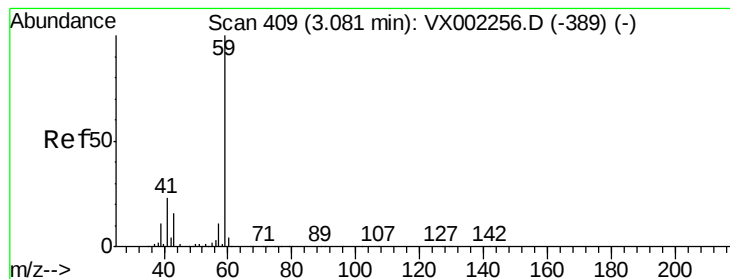


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 259.85 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

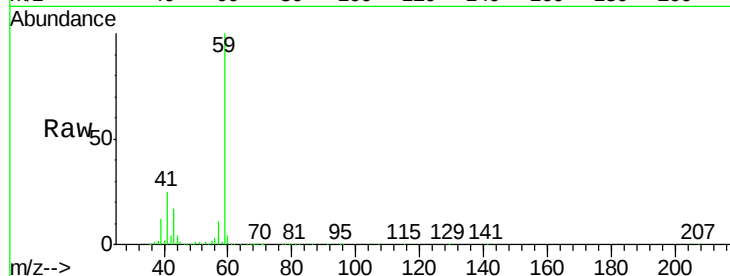
VSTDCCC050EC

Tot Ion: 59 Resp: 215485

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.08

100000

80000

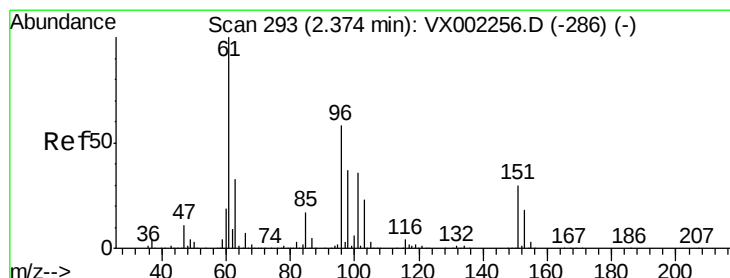
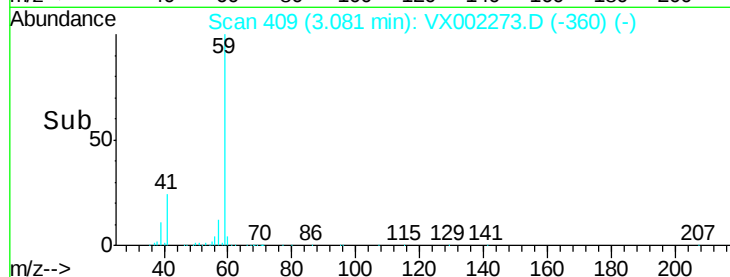
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 50.32 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

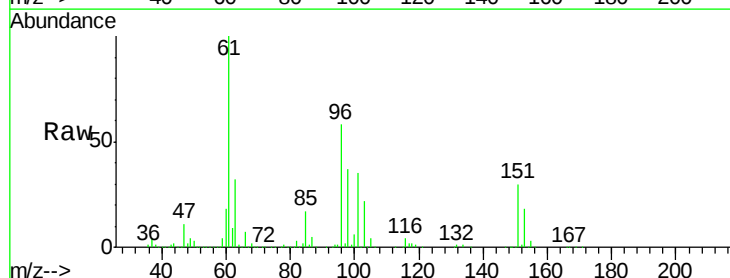
Tgt Ion: 96 Resp: 152038

Ion Ratio Lower Upper

96 100

61 173.1 137.9 206.9

98 63.3 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

200000

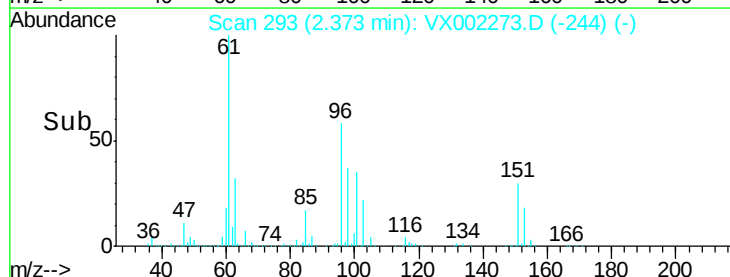
150000

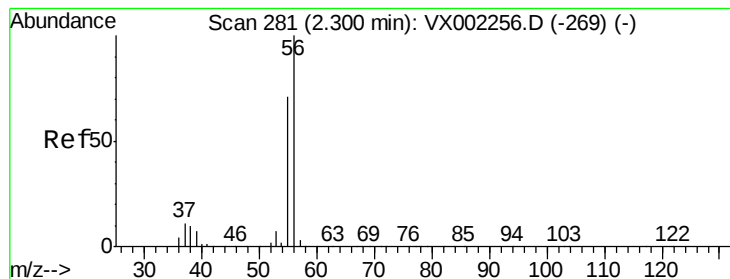
100000

50000

0

Time-->





#13

Acrolein

Concen: 252.36 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

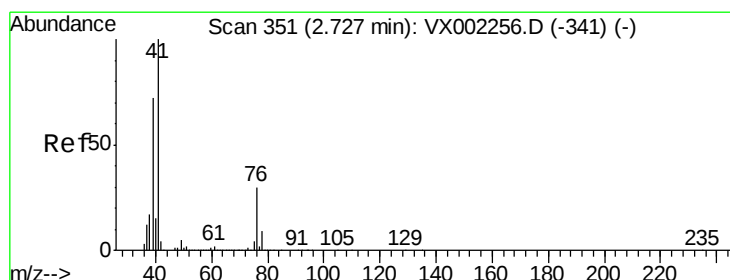
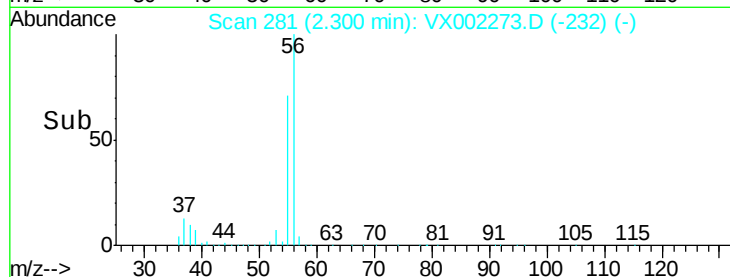
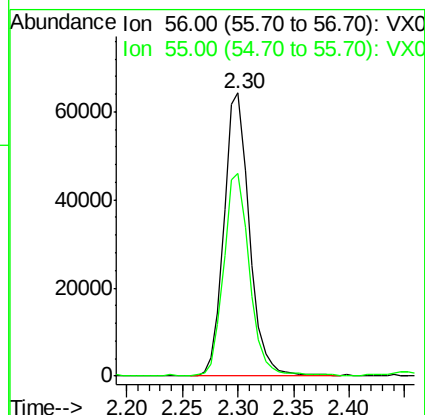
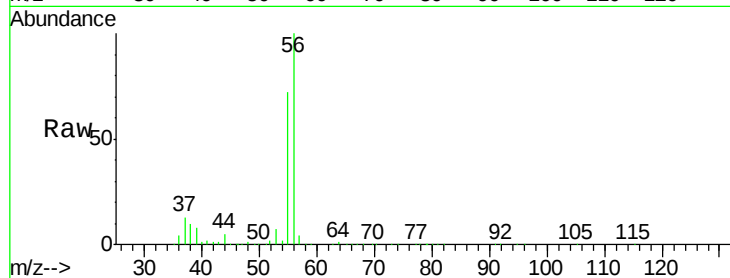
VSTDCCC050EC

Tot Ion: 56 Resp: 101654

Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.4



#14

Allyl chloride

Concen: 46.57 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

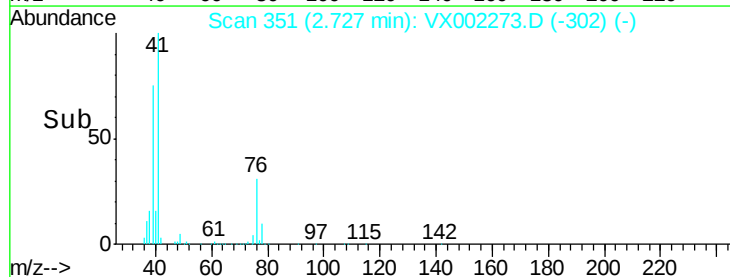
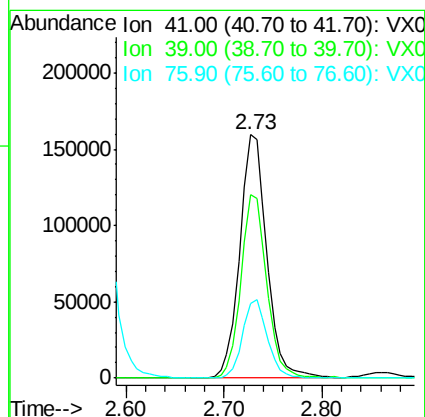
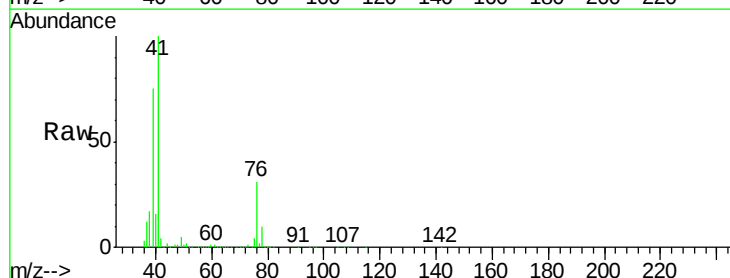
Tgt Ion: 41 Resp: 305319

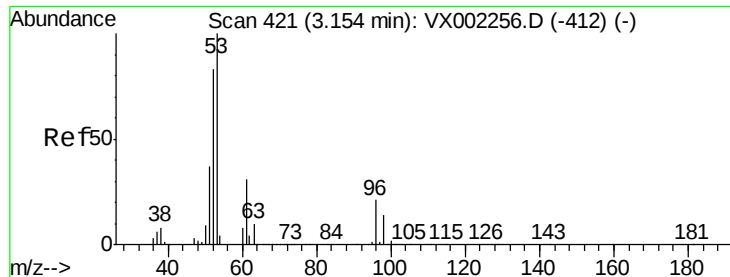
Ion Ratio Lower Upper

41 100

39 71.9 56.8 85.2

76 29.7 23.8 35.8





#15

Acrylonitrile

Concen: 265.79 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

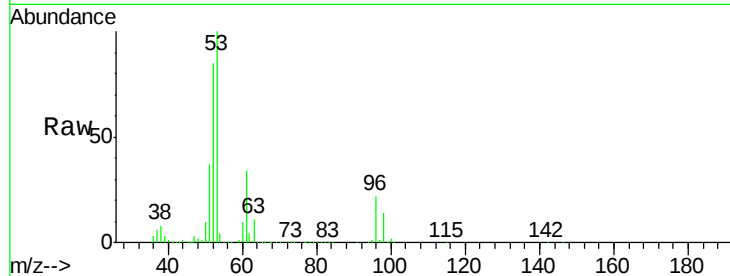
Tot Ion: 53 Resp: 458032

Ion Ratio Lower Upper

53 100

52 84.0 66.7 100.1

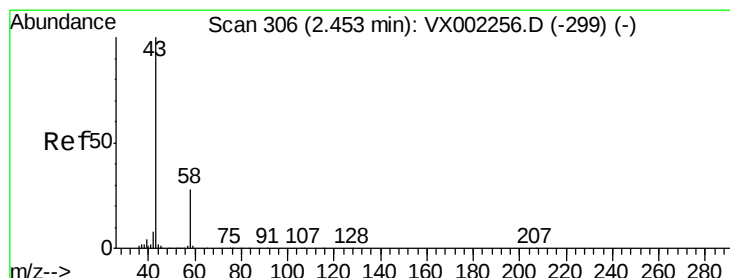
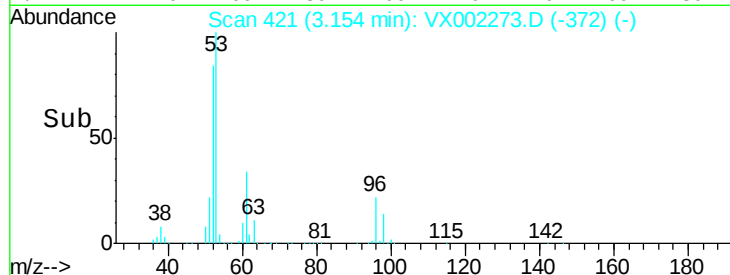
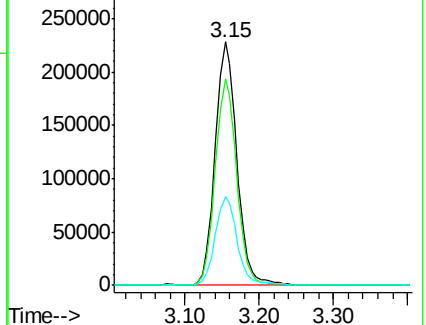
51 36.9 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 250.59 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002273.D

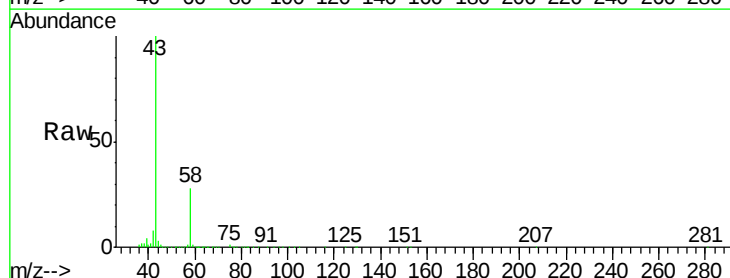
Acq: 04 Jun 2018 21:00

Tgt Ion: 43 Resp: 437308

Ion Ratio Lower Upper

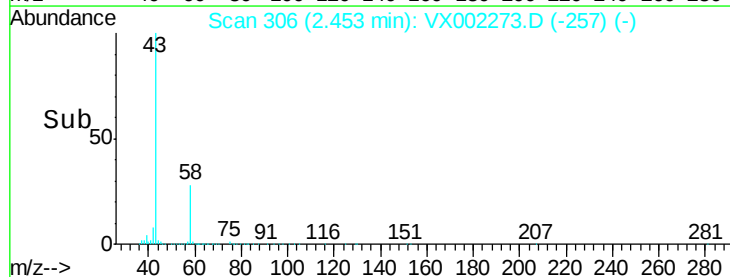
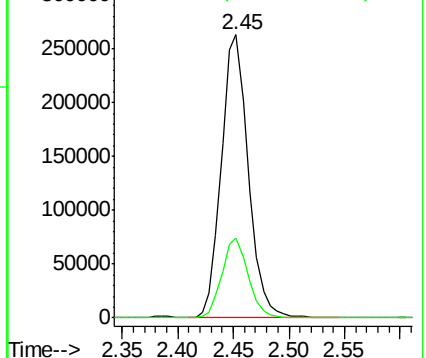
43 100

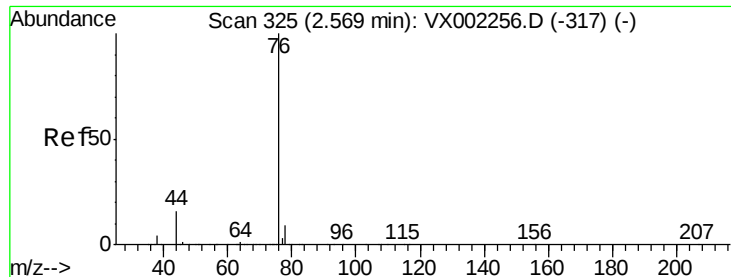
58 28.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

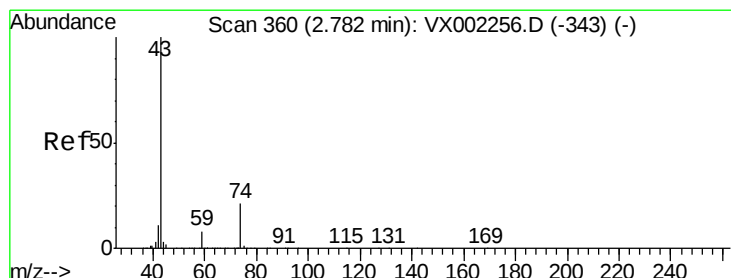
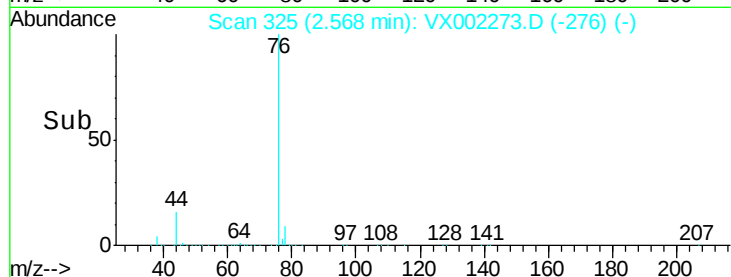
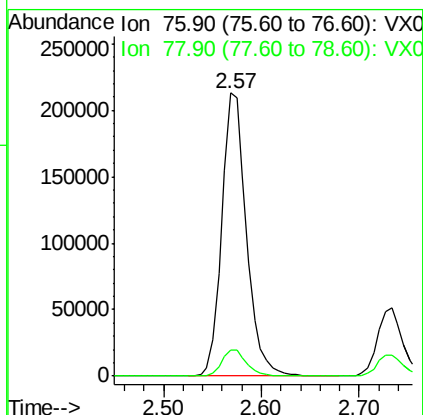
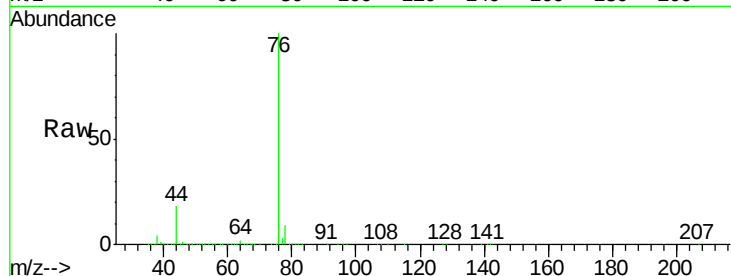




#17  
Carbon Disulfide  
Concen: 46.72 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

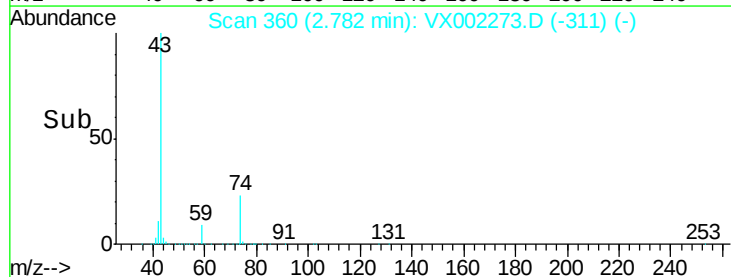
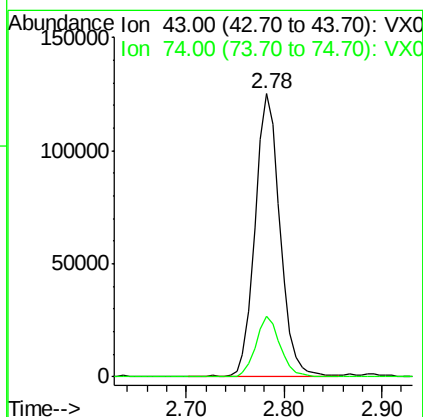
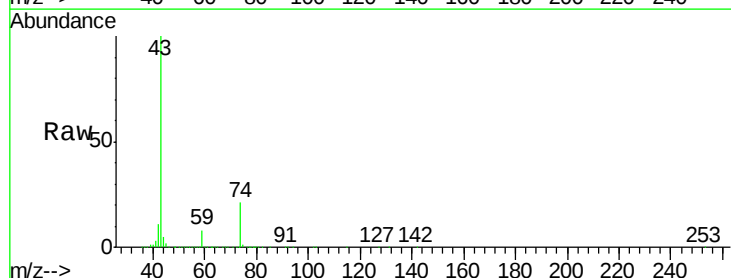
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

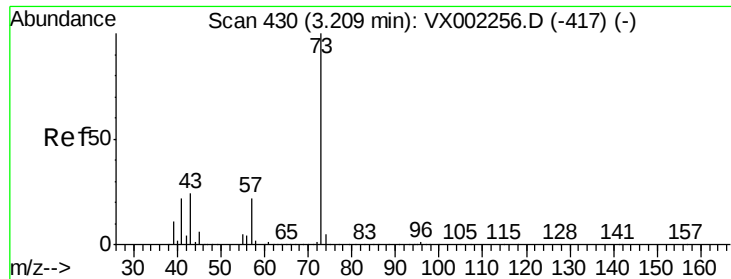
Tot Ion: 76 Resp: 372067  
Ion Ratio Lower Upper  
76 100  
78 9.1 6.9 10.3



#18  
Methyl Acetate  
Concen: 54.79 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

Tgt Ion: 43 Resp: 221699  
Ion Ratio Lower Upper  
43 100  
74 21.4 16.7 25.1

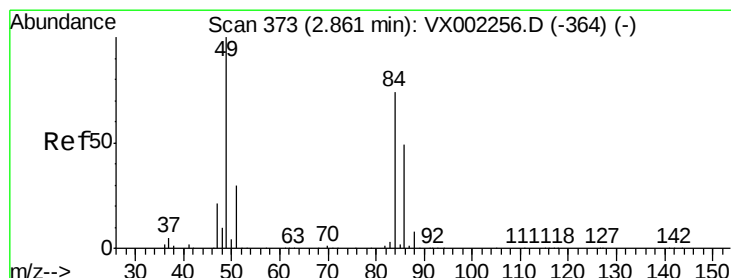
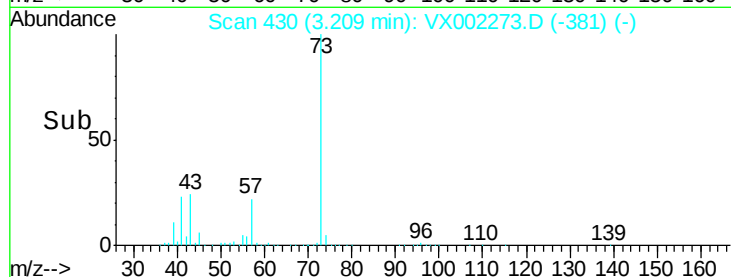
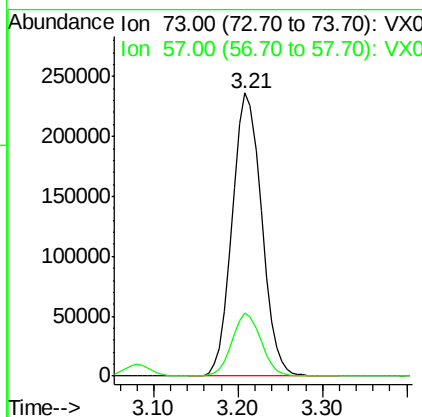
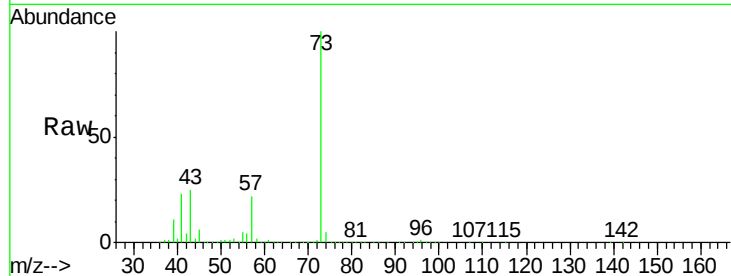




#19  
Methyl tert-butyl Ether  
Concen: 53.22 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

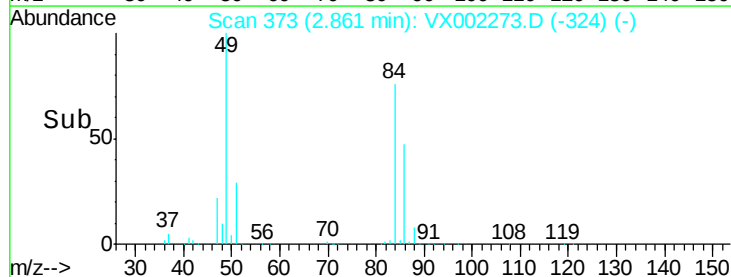
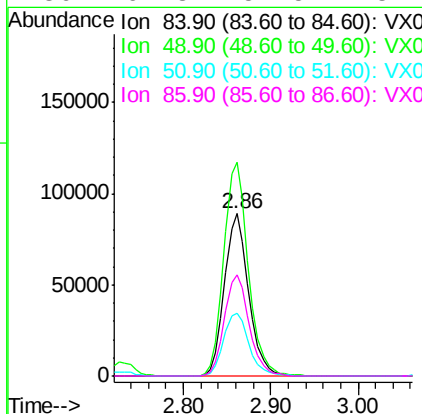
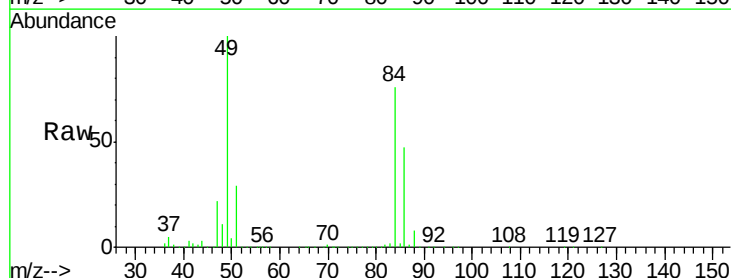
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

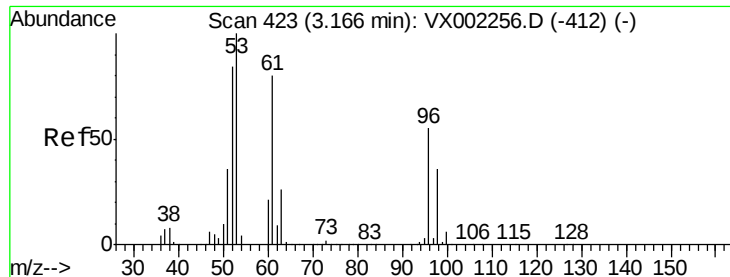
Tot Ion: 73 Resp: 558306  
Ion Ratio Lower Upper  
73 100  
57 22.2 17.7 26.5



#20  
Methylene Chloride  
Concen: 53.23 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

Tgt Ion: 84 Resp: 170250  
Ion Ratio Lower Upper  
84 100  
49 131.9 107.8 161.6  
51 38.4 32.8 49.2  
86 62.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.53 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

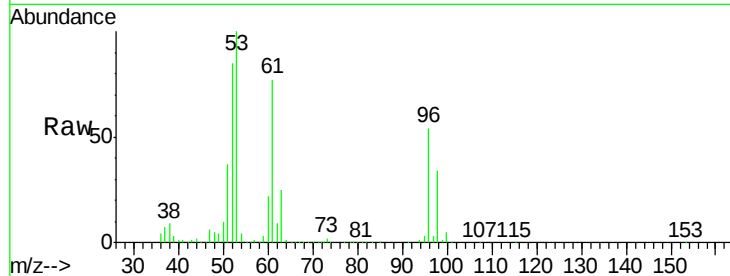
Tot Ion: 96 Resp: 161701

Ion Ratio Lower Upper

96 100

61 140.7 117.0 175.4

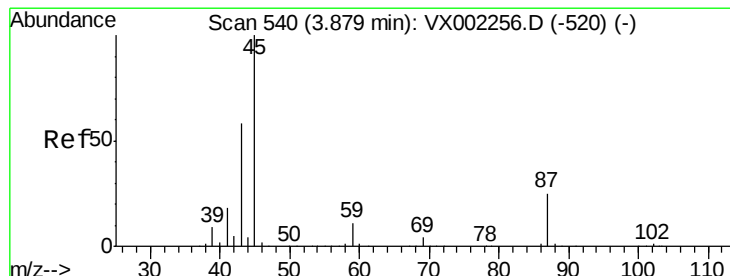
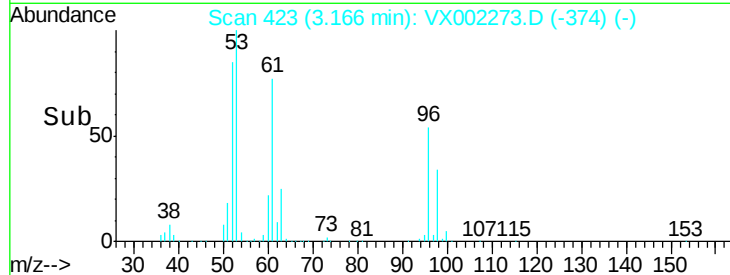
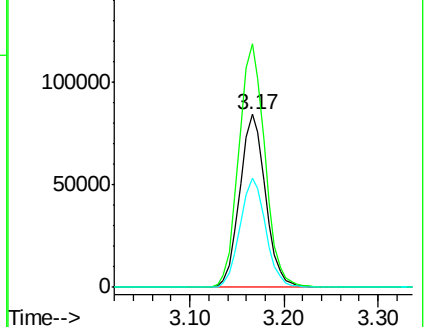
98 63.3 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.41 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tgt Ion: 45 Resp: 552078

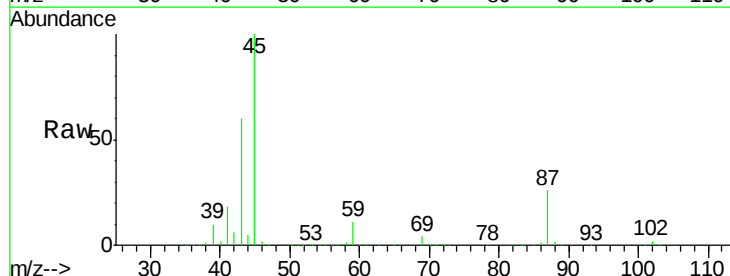
Ion Ratio Lower Upper

45 100

43 60.0 46.8 70.2

87 25.7 20.2 30.4

59 11.1 8.7 13.1

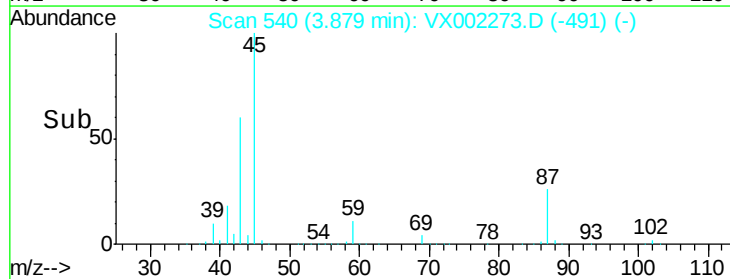
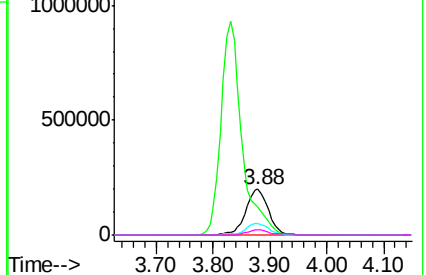


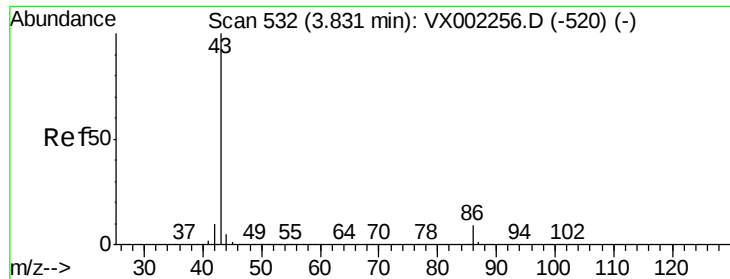
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 224.13 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

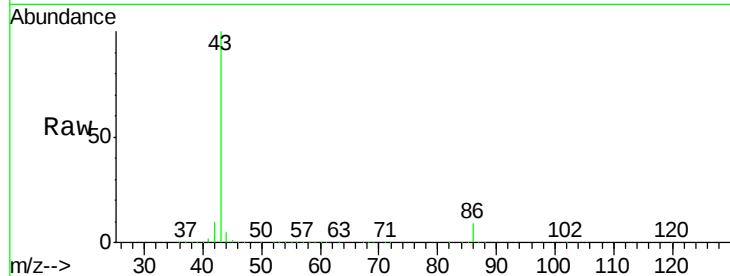
VSTDCCC050EC

Tot Ion: 43 Resp: 2382324

Ion Ratio Lower Upper

43 100

86 9.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

1000000

800000

600000

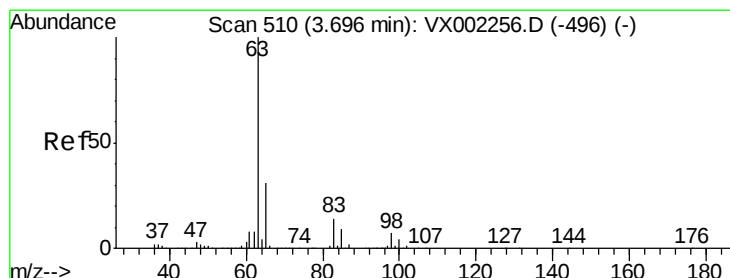
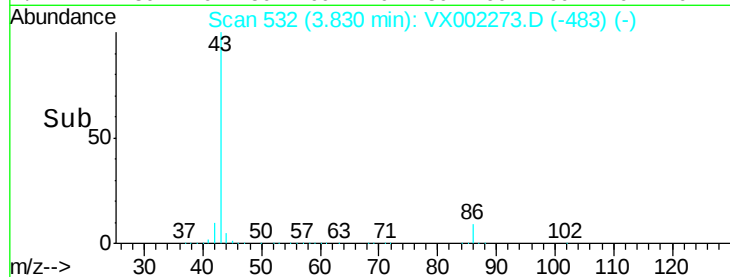
400000

200000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 42.84 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

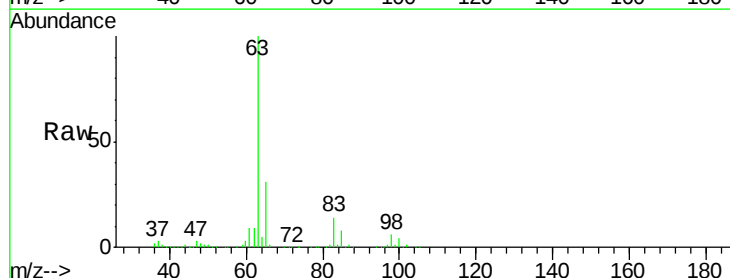
Tgt Ion: 63 Resp: 277587

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 3.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

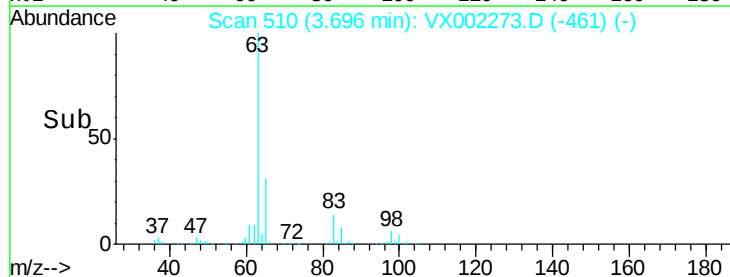
100000

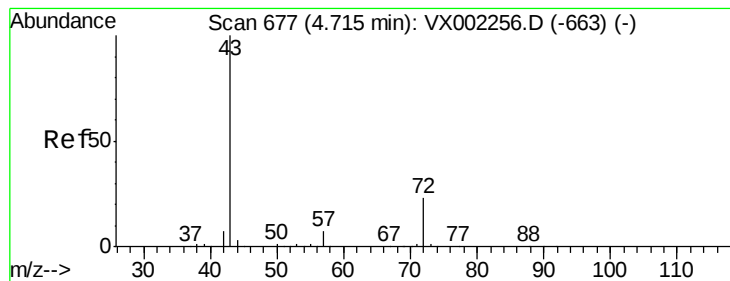
50000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 224.78 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

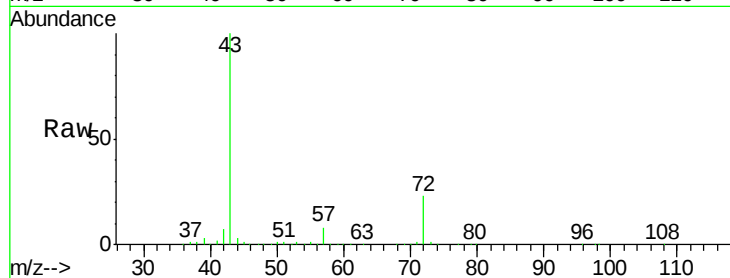
VSTDCCC050EC

Tot Ion: 43 Resp: 625496

Ion Ratio Lower Upper

43 100

72 22.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

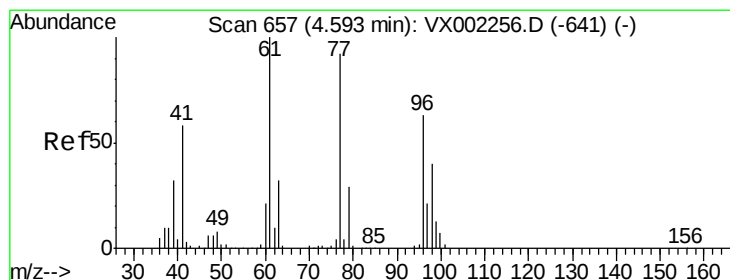
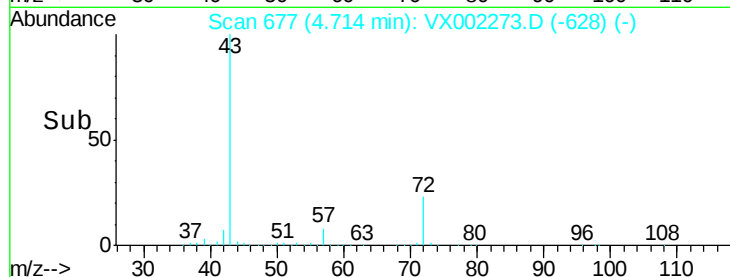
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.99 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002273.D

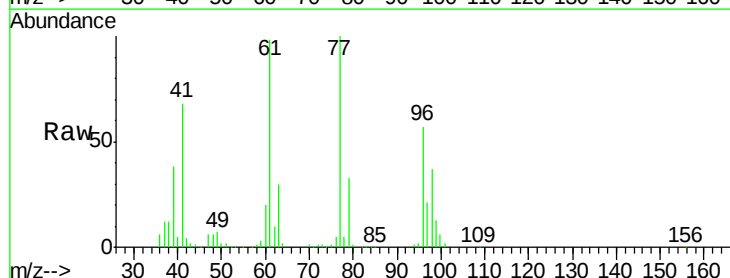
Acq: 04 Jun 2018 21:00

Tgt Ion: 77 Resp: 212706

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

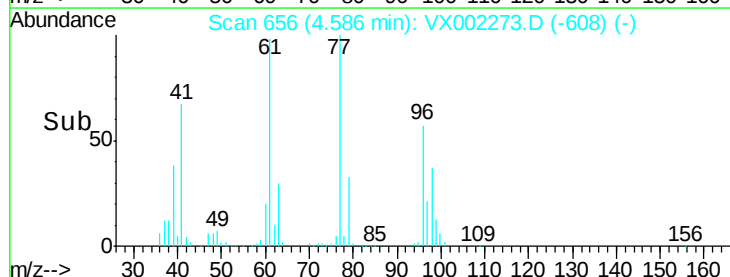
40000

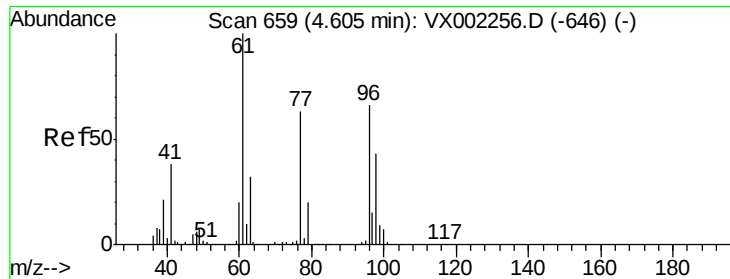
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 45.56 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

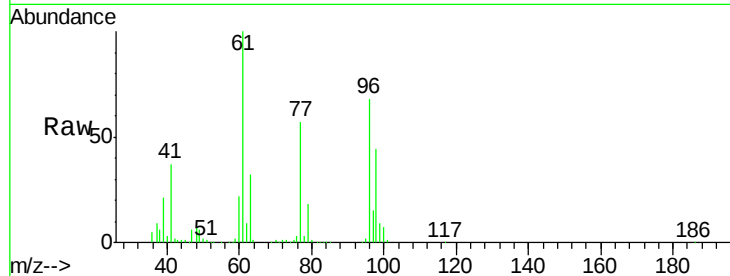
Tot Ion: 96 Resp: 165092

Ion Ratio Lower Upper

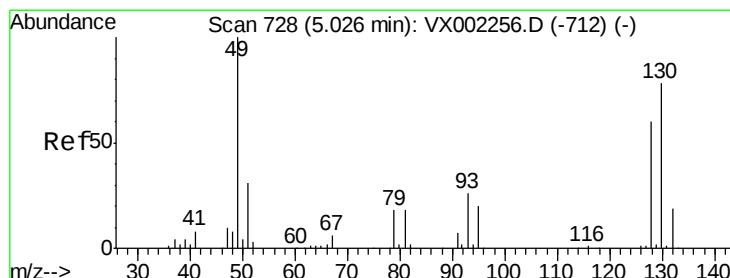
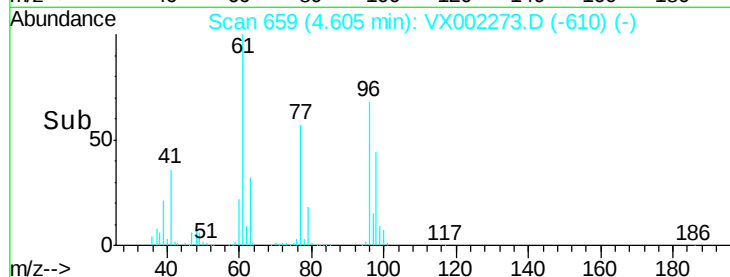
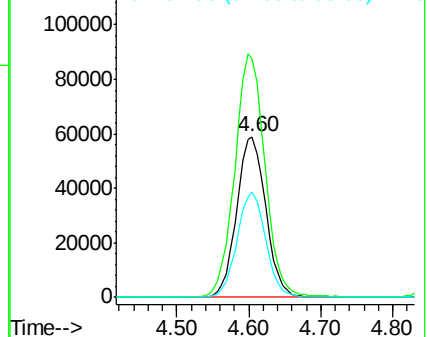
96 100

61 158.4 0.0 330.2

98 64.6 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 52.70 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

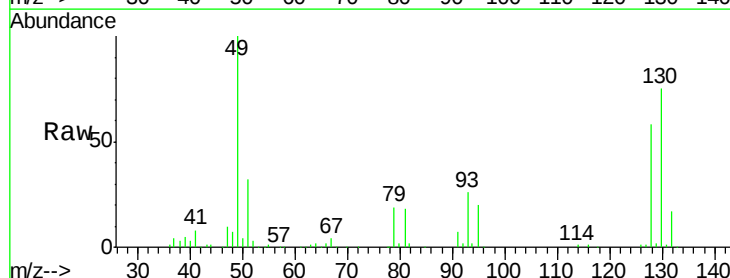
Tgt Ion: 49 Resp: 144721

Ion Ratio Lower Upper

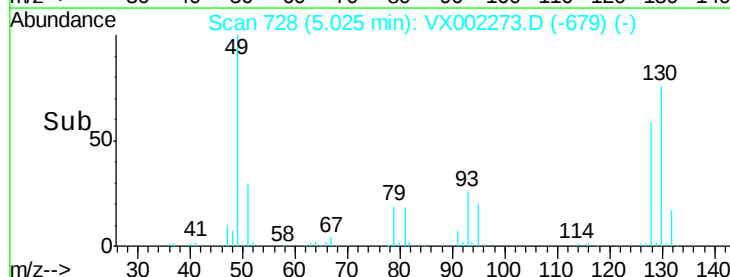
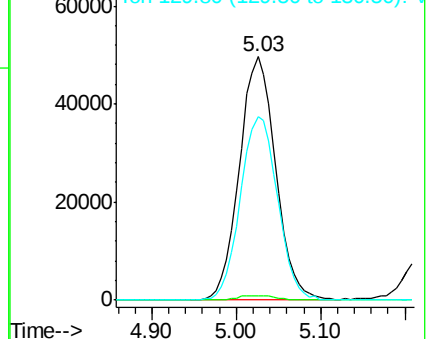
49 100

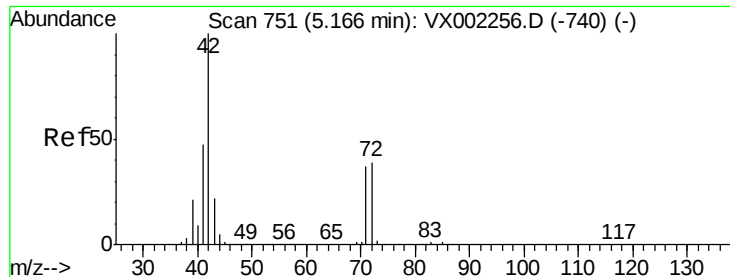
129 2.1 0.0 4.2

130 77.6 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 230.42 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

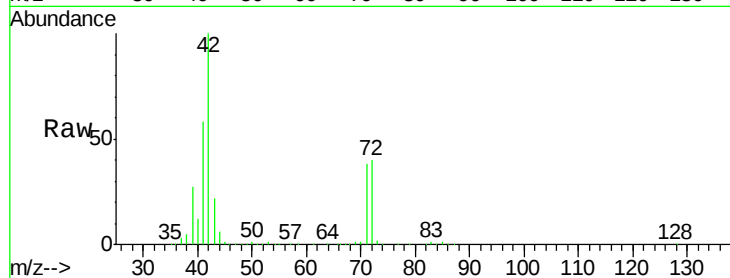
Tot Ion: 42 Resp: 413400

Ion Ratio Lower Upper

42 100

72 40.8 32.0 48.0

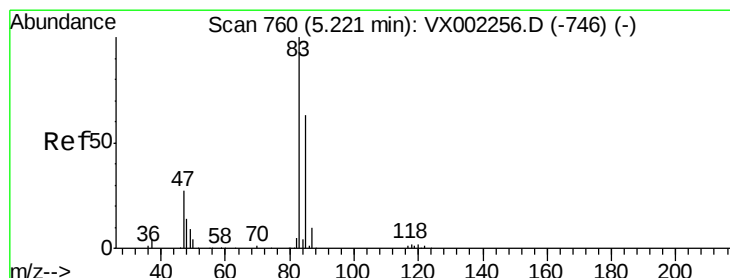
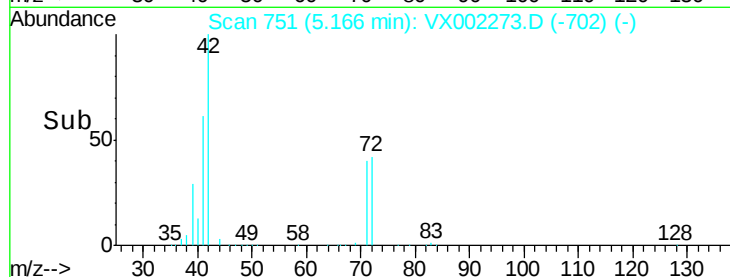
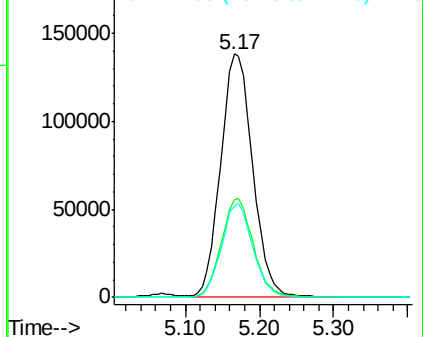
71 37.8 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.99 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002273.D

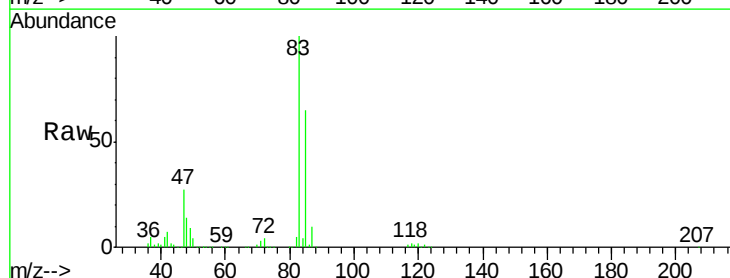
Acq: 04 Jun 2018 21:00

Tgt Ion: 83 Resp: 293845

Ion Ratio Lower Upper

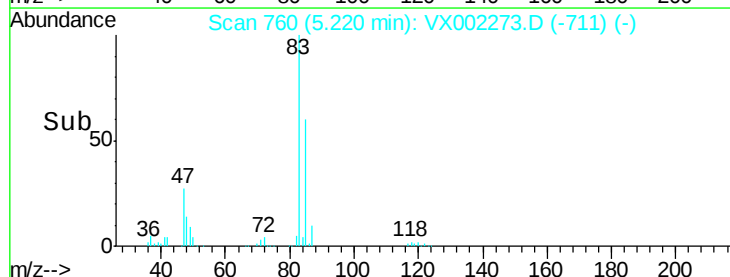
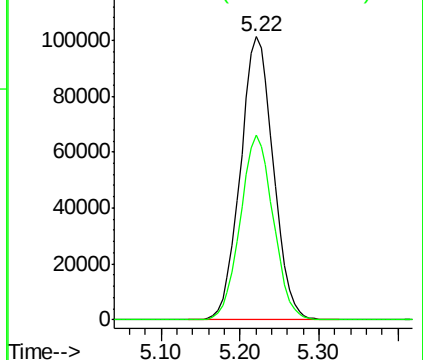
83 100

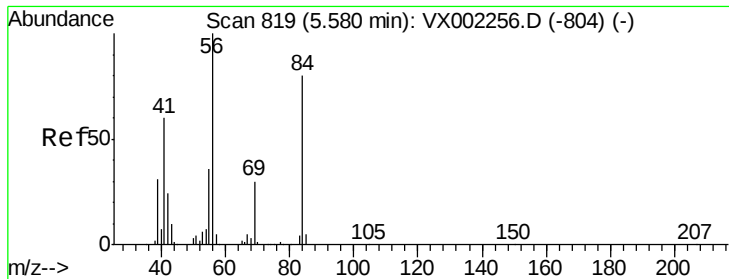
85 65.5 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 52.44 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

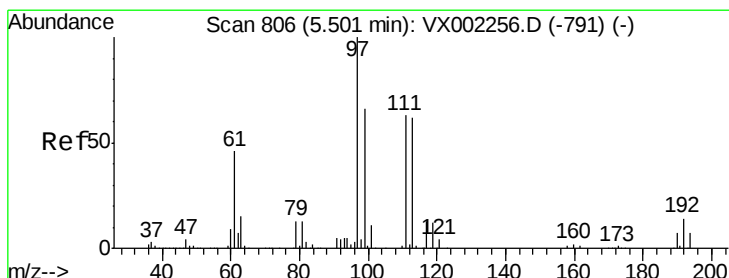
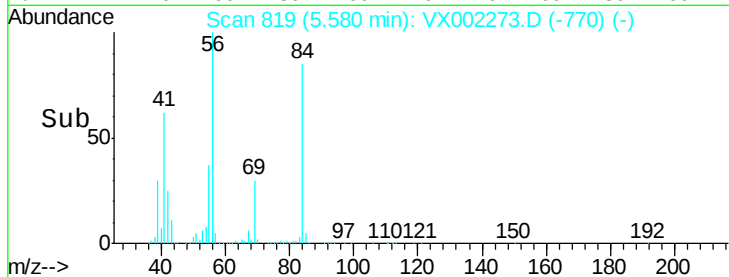
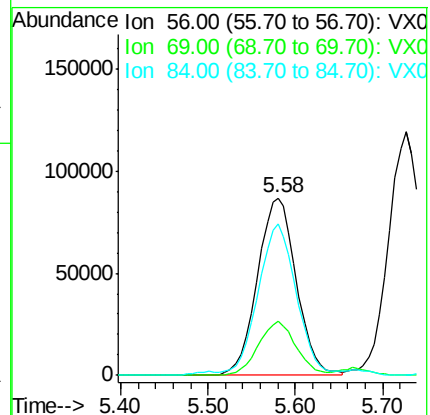
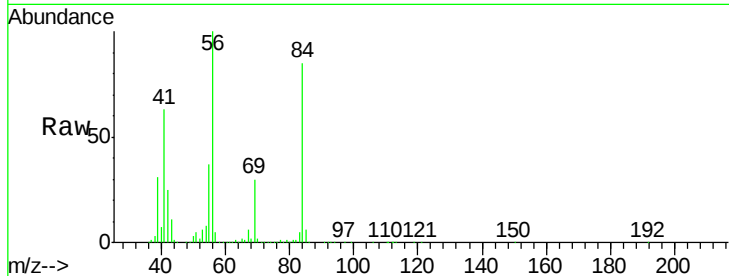
Tot Ion: 56 Resp: 268738

Ion Ratio Lower Upper

56 100

69 30.3 23.7 35.5

84 84.0 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 49.12 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

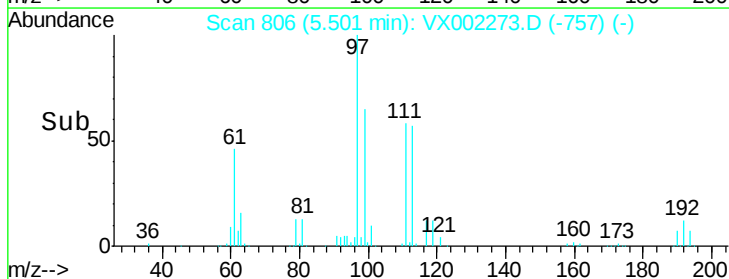
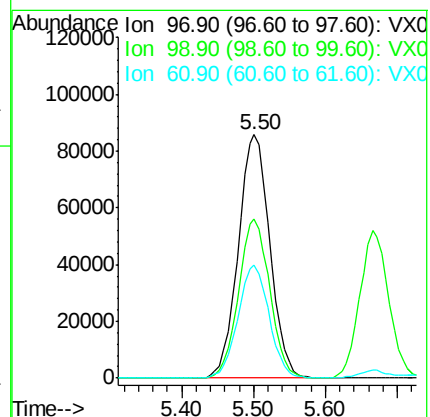
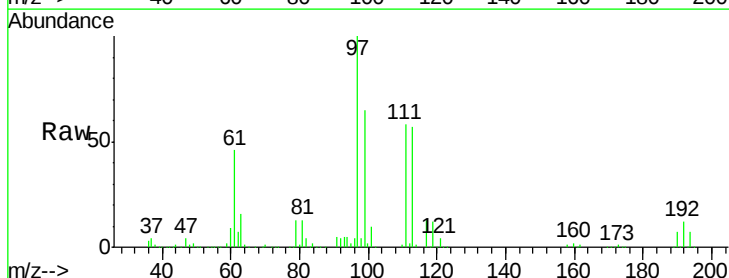
Tgt Ion: 97 Resp: 260514

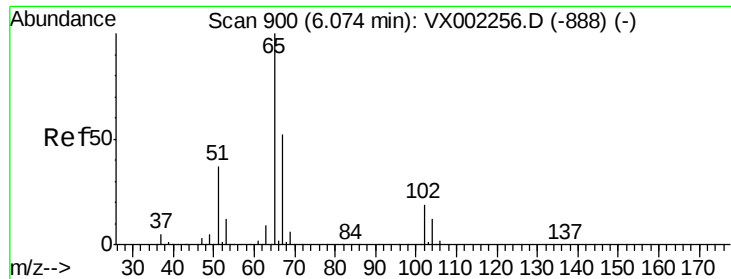
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 46.0 36.4 54.6

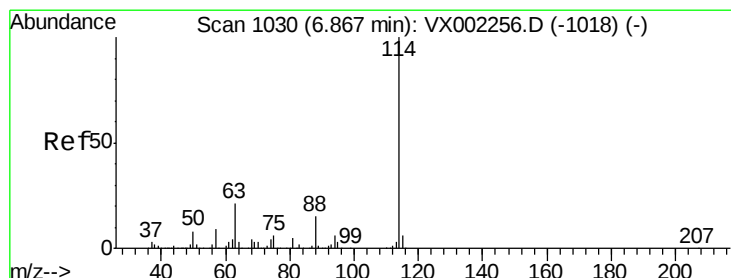
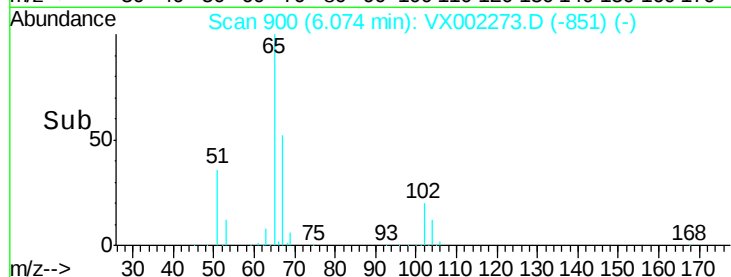
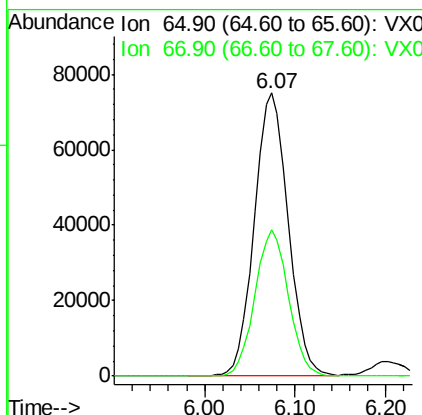
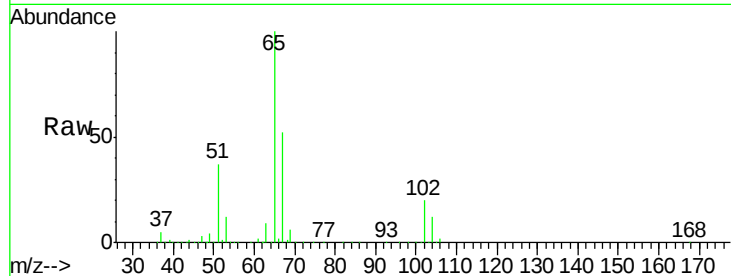




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.70 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

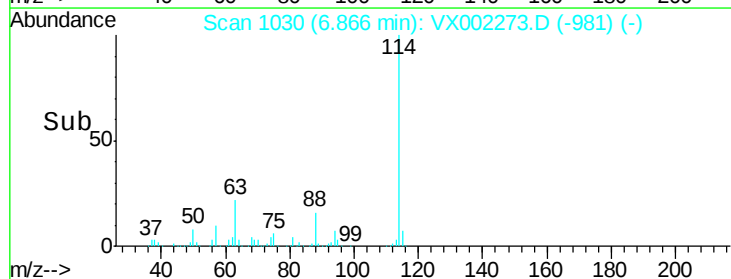
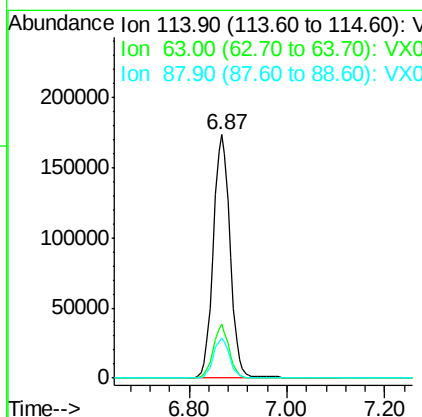
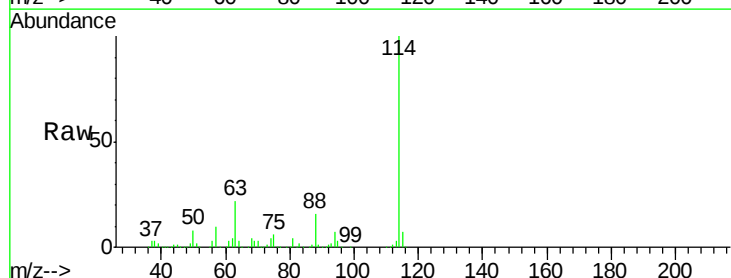
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 65 Resp: 194223  
 Ion Ratio Lower Upper  
 65 100  
 67 51.2 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

Tgt Ion: 114 Resp: 414749  
 Ion Ratio Lower Upper  
 114 100  
 63 22.1 0.0 41.4  
 88 16.2 0.0 30.0

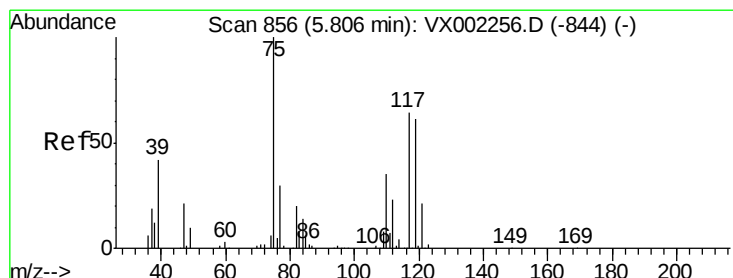
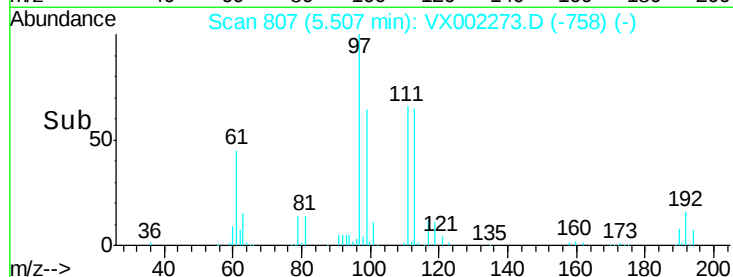
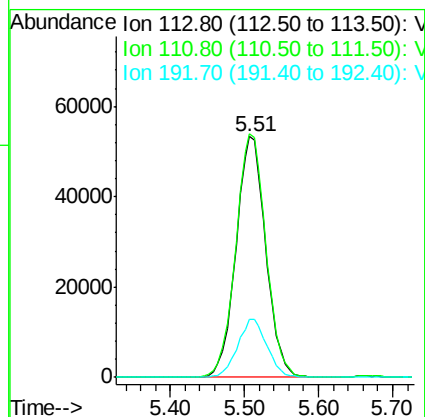
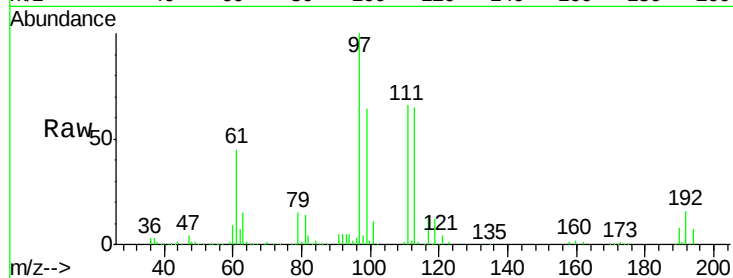




#35  
 Dibromofluoromethane  
 Concen: 45.73 ug/l  
 RT: 5.51 min Scan# 807  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

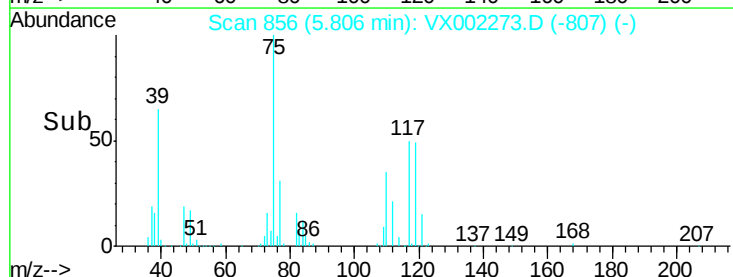
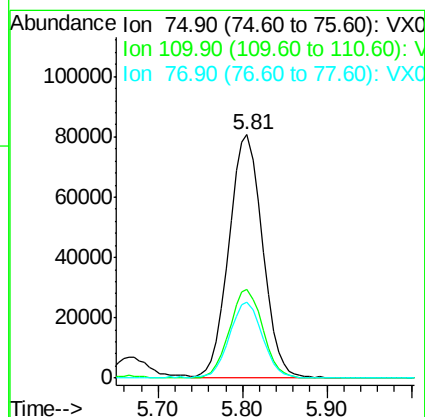
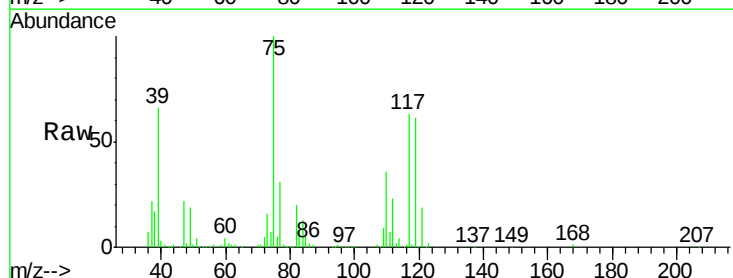
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

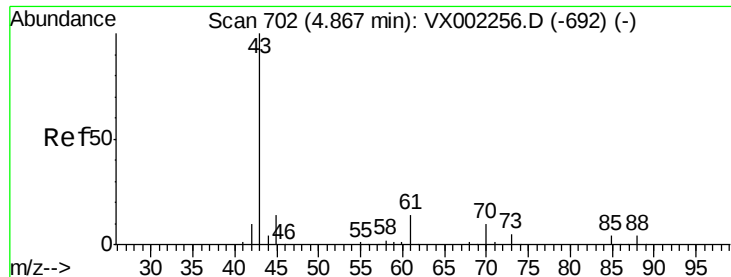
Tot Ion:113 Resp: 149164  
 Ion Ratio Lower Upper  
 113 100  
 111 102.6 81.4 122.0  
 192 23.8 19.1 28.7



#36  
 1,1-Dichloropropene  
 Concen: 49.65 ug/l  
 RT: 5.81 min Scan# 856  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

Tgt Ion: 75 Resp: 216468  
 Ion Ratio Lower Upper  
 75 100  
 110 36.3 18.1 54.4  
 77 30.6 24.3 36.5

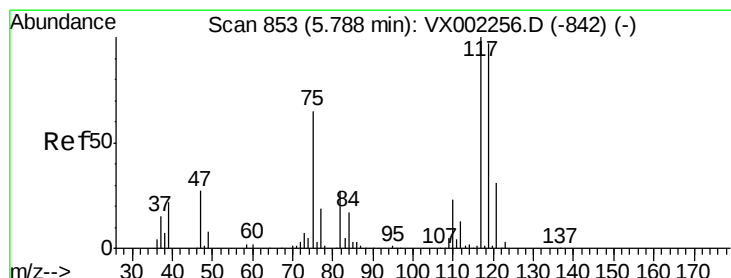
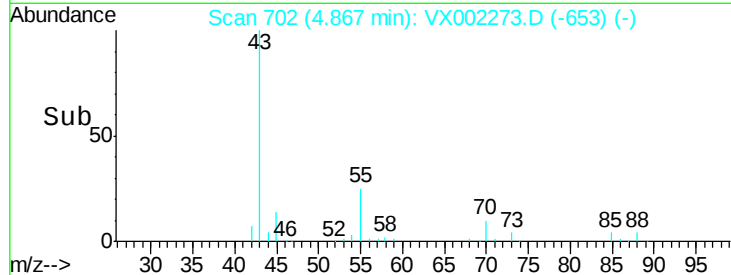
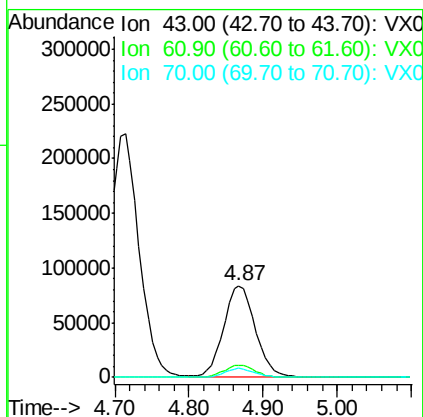
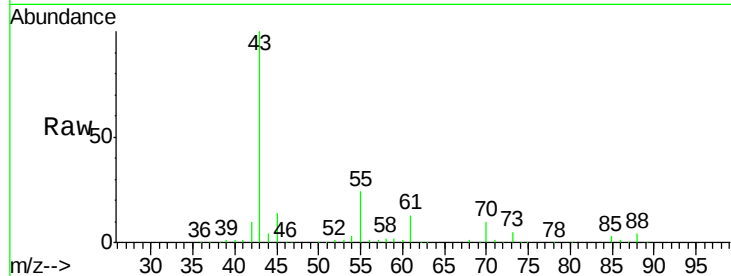




#37  
Ethyl Acetate  
Concen: 47.28 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

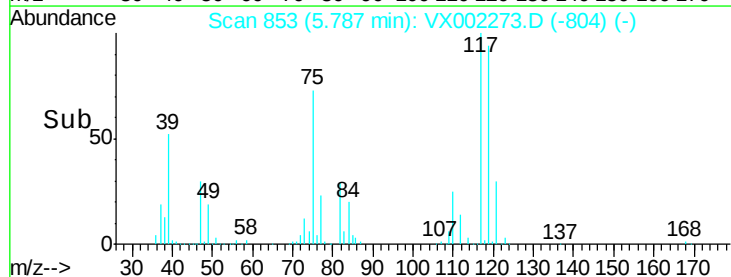
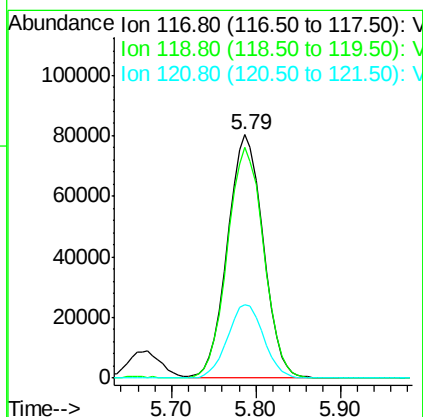
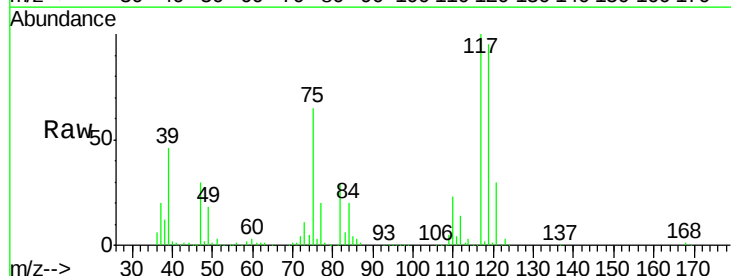
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

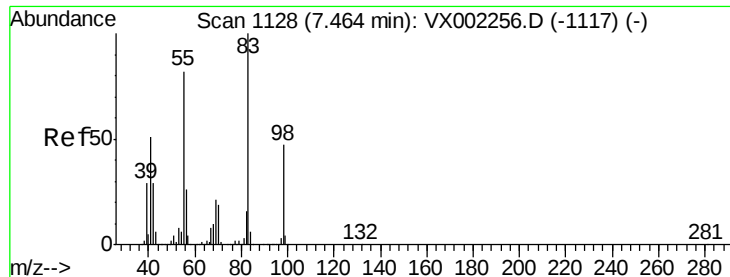
Tot Ion: 43 Resp: 247904  
Ion Ratio Lower Upper  
43 100  
61 12.5 10.4 15.6  
70 9.6 7.6 11.4



#38  
Carbon Tetrachloride  
Concen: 50.61 ug/l  
RT: 5.79 min Scan# 853  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

Tgt Ion: 117 Resp: 230847  
Ion Ratio Lower Upper  
117 100  
119 94.7 77.4 116.0  
121 30.0 24.4 36.6

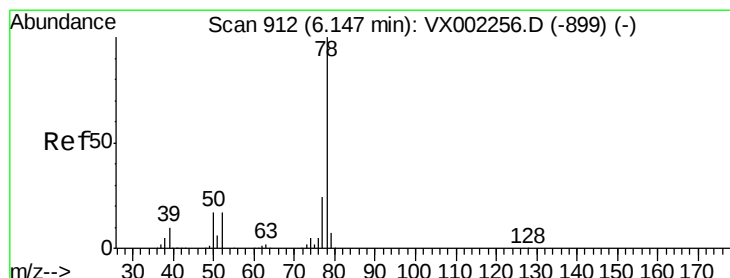
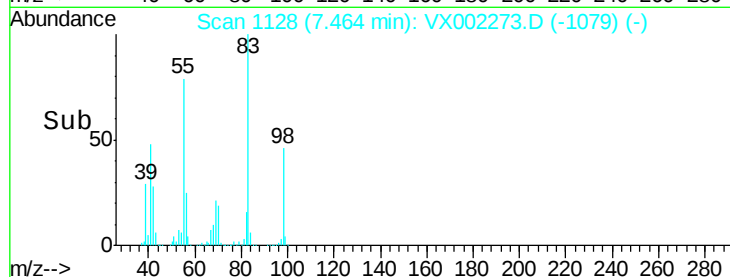
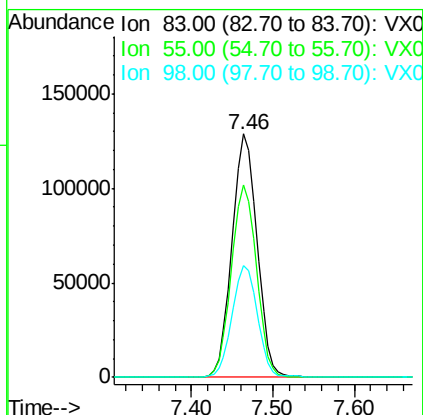
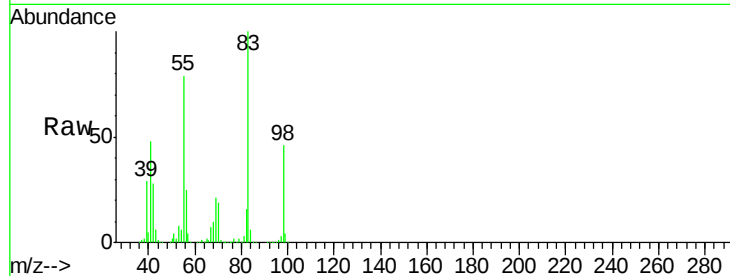




#39  
Methvlcvclohexane  
Concen: 50.65 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

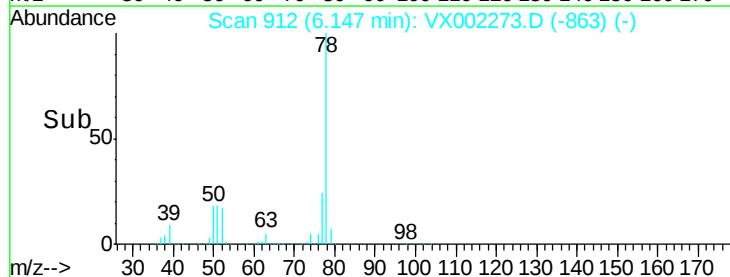
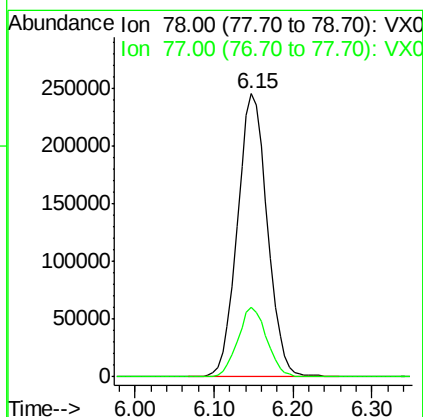
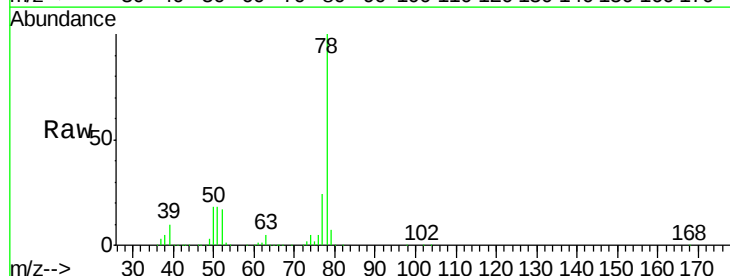
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 83 Resp: 272861  
Ion Ratio Lower Upper  
83 100  
55 79.0 65.4 98.0  
98 45.8 37.4 56.0



#40  
Benzene  
Concen: 48.39 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

Tgt Ion: 78 Resp: 646948  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.1 28.7

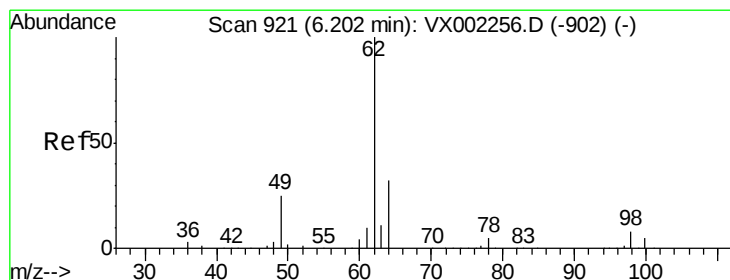
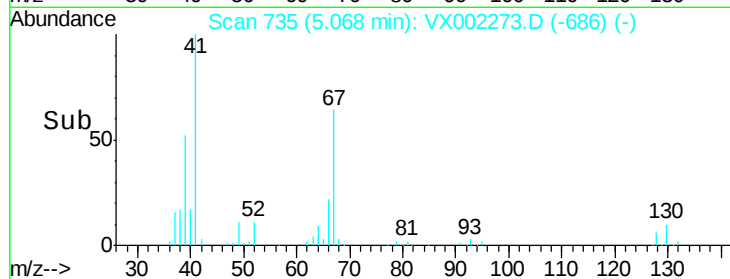
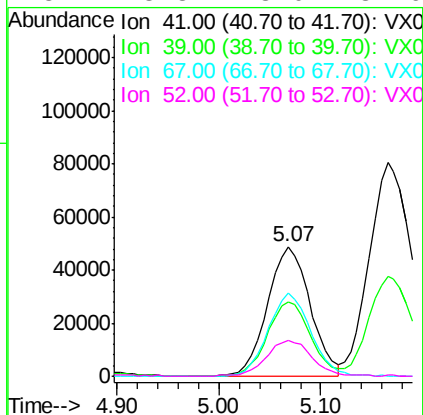
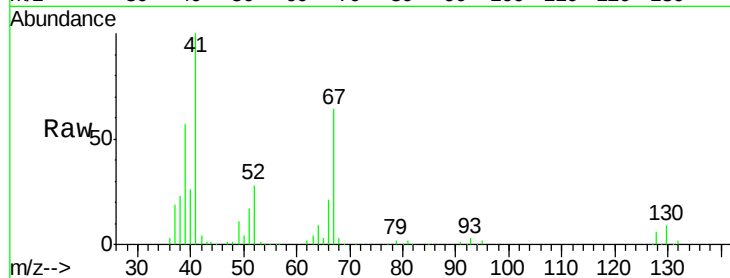




#41  
Methacrylonitrile  
Concen: 47.12 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

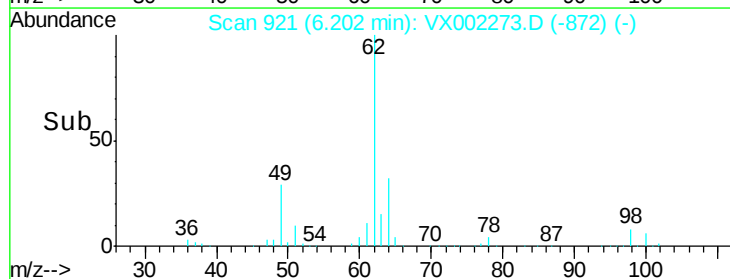
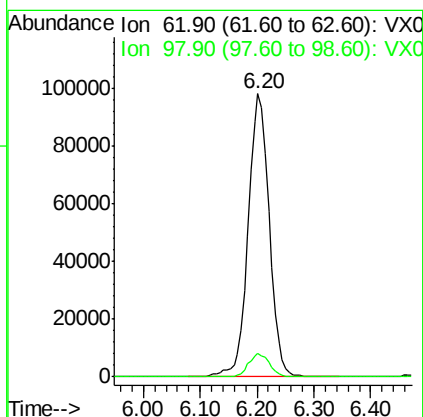
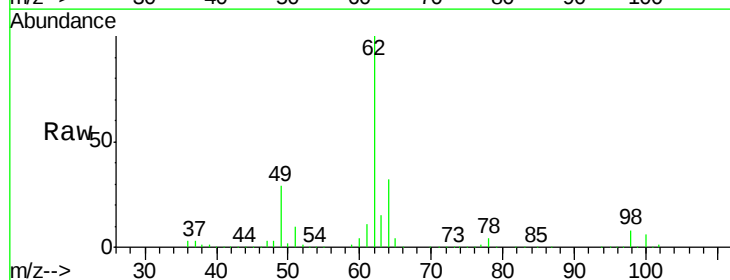
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

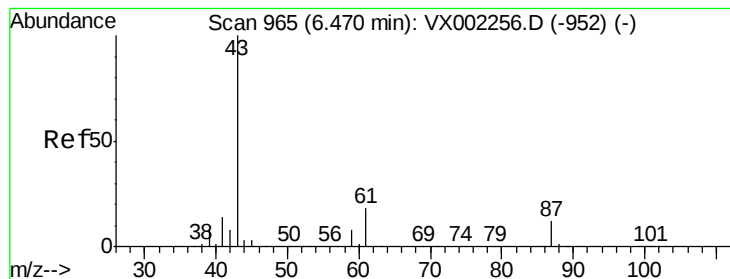
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 141430 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 58.1  | 45.8  | 68.6   |
| 67       | 64.4  | 51.3  | 76.9   |
| 52       | 28.8  | 23.0  | 34.6   |



#42  
1,2-Dichloroethane  
Concen: 47.59 ug/l  
RT: 6.20 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 252794 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.1   | 0.0   | 16.6   |



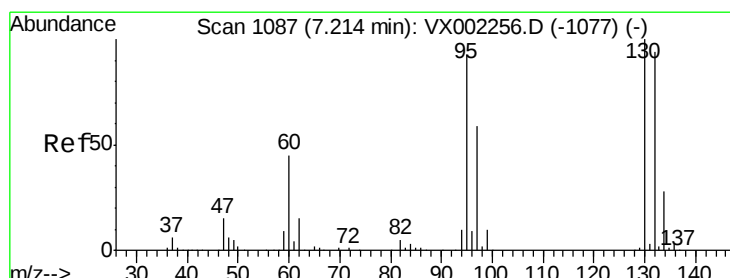
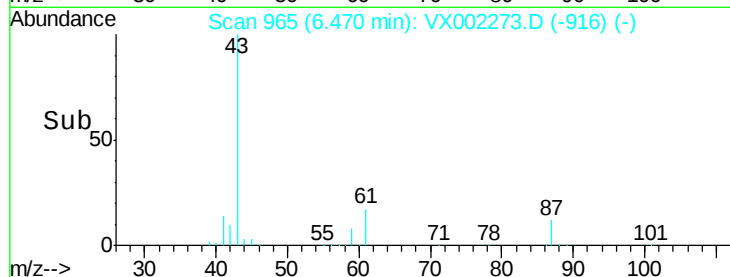
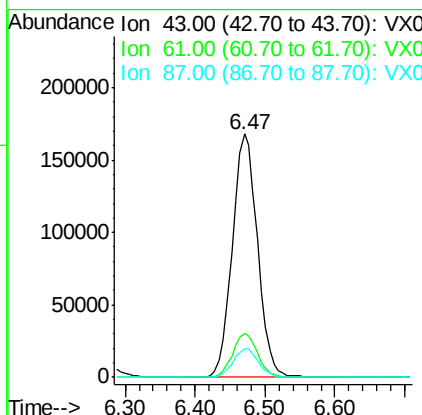
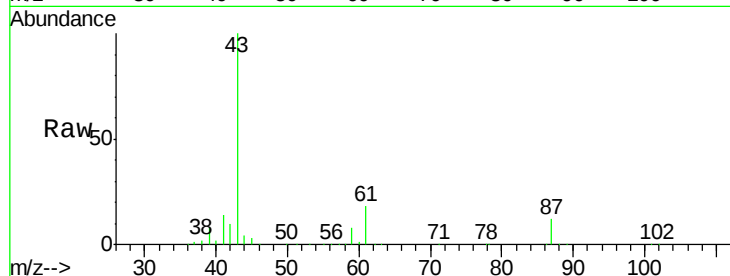


#43

Isopropyl Acetate  
 Concen: 46.88 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

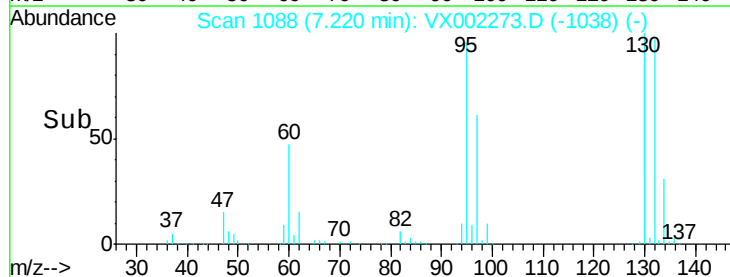
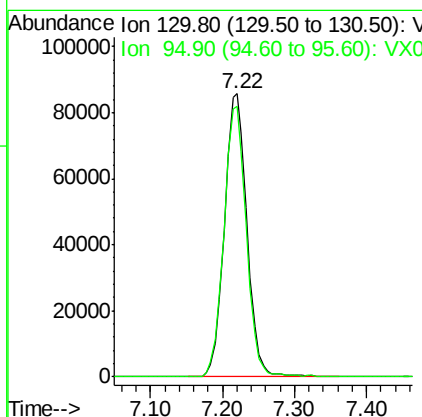
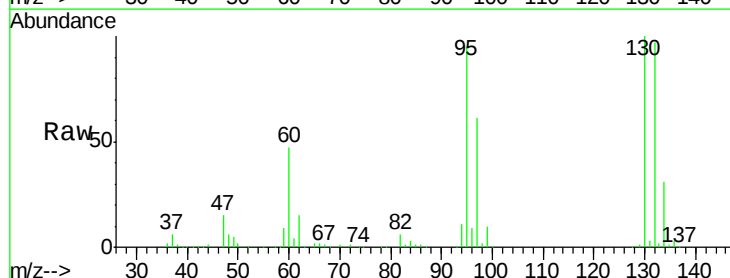
| Tot Ion   | 43    | Resp  | 417555 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 17.9  | 14.4  | 21.6   |
| 87        | 11.8  | 9.5   | 14.3   |

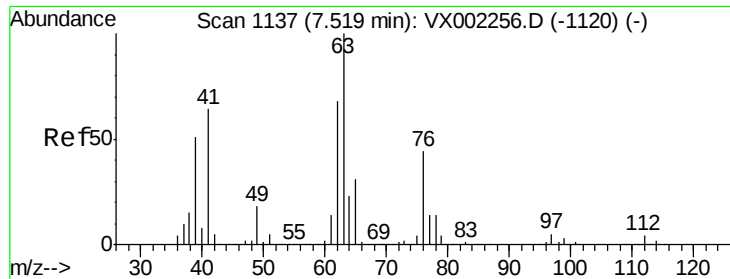


#44

Trichloroethene  
 Concen: 50.26 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. 0.01 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

| Tgt Ion   | 130   | Resp  | 186471 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 95.4  | 0.0   | 185.4  |

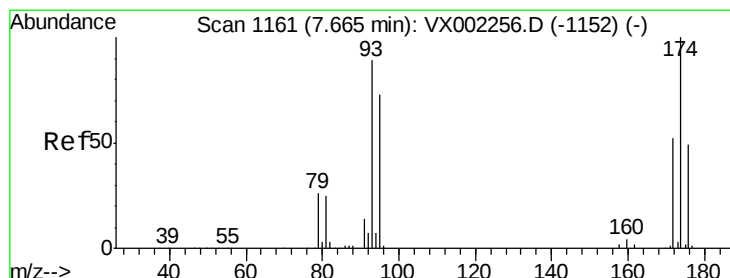
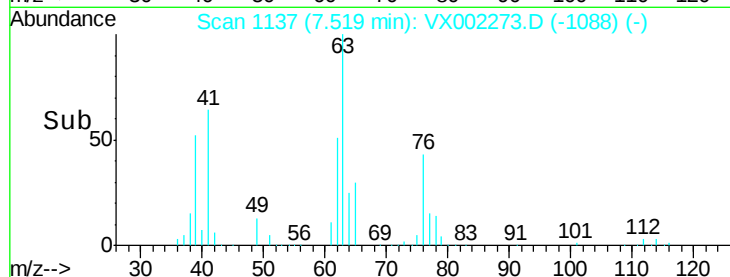
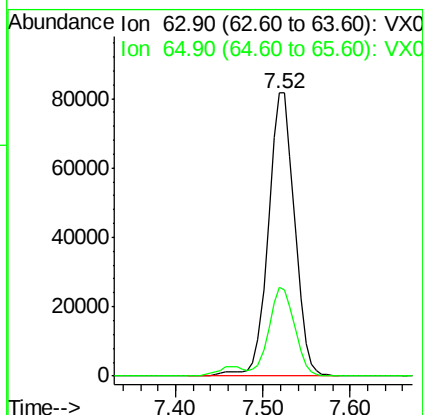
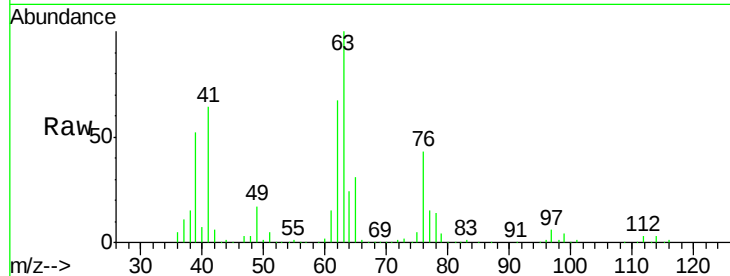




#45  
1,2-Dichloropropane  
Concen: 47.46 ug/l  
RT: 7.52 min Scan# 1137  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

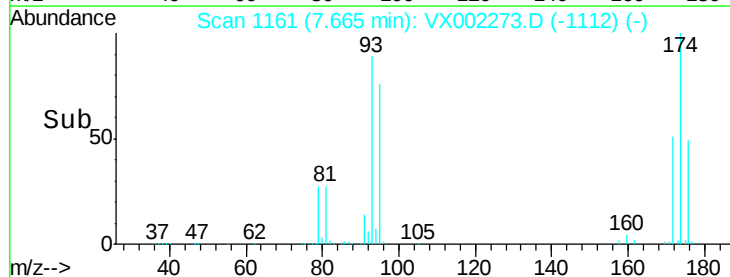
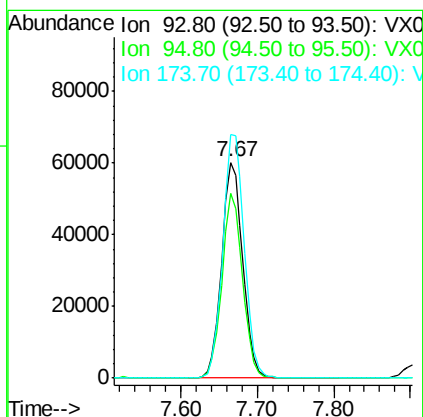
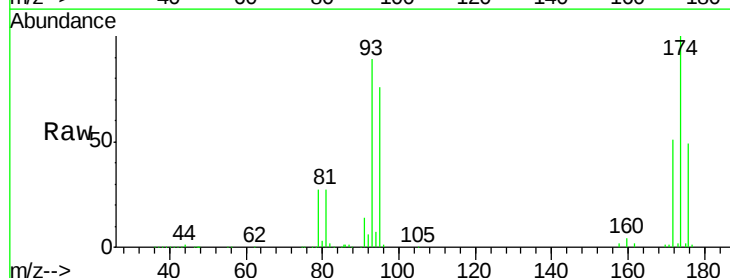
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

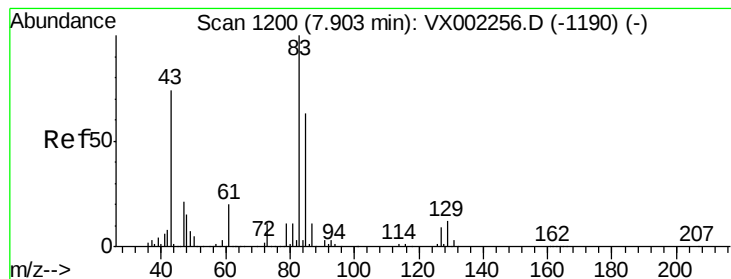
Tot Ion: 63 Resp: 171285  
Ion Ratio Lower Upper  
63 100  
65 31.4 24.7 37.1



#46  
Dibromomethane  
Concen: 46.95 ug/l  
RT: 7.67 min Scan# 1161  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

Tgt Ion: 93 Resp: 114860  
Ion Ratio Lower Upper  
93 100  
95 83.4 65.9 98.9  
174 114.8 92.4 138.6





#47

Bromodichloromethane

Concen: 48.26 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

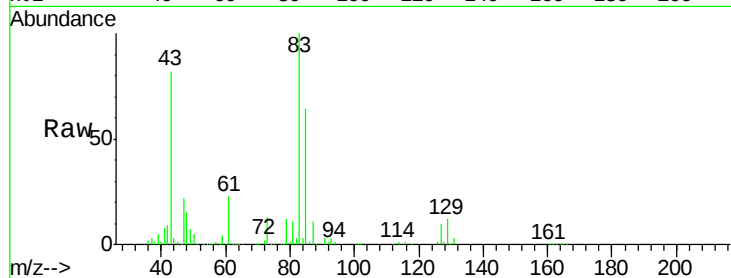
Tot Ion: 83 Resp: 213538

Ion Ratio Lower Upper

83 100

85 64.5 50.3 75.5

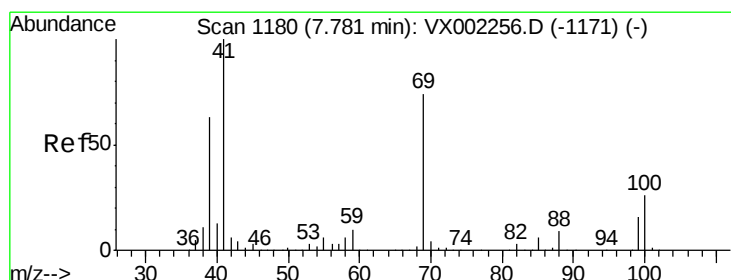
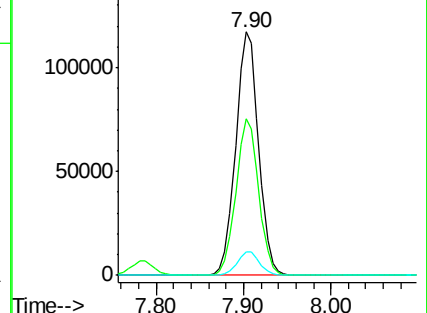
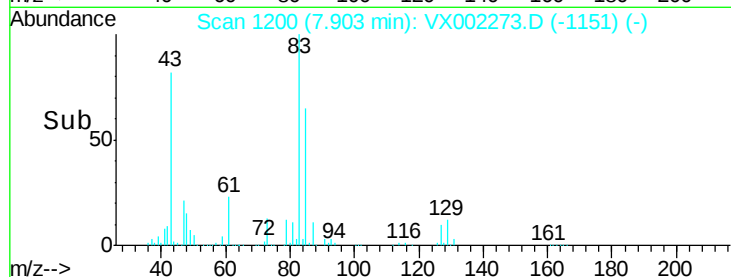
127 9.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.54 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

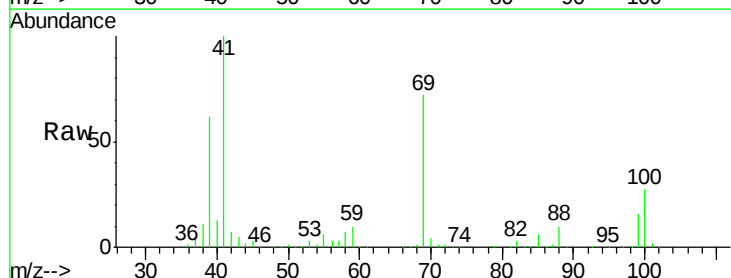
Tgt Ion: 41 Resp: 212667

Ion Ratio Lower Upper

41 100

69 74.9 59.1 88.7

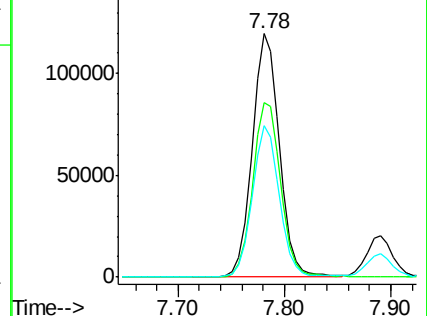
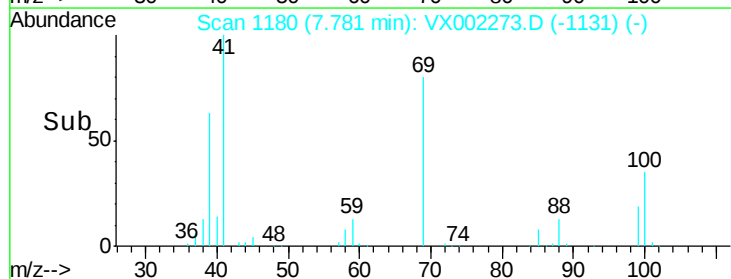
39 61.9 48.9 73.3

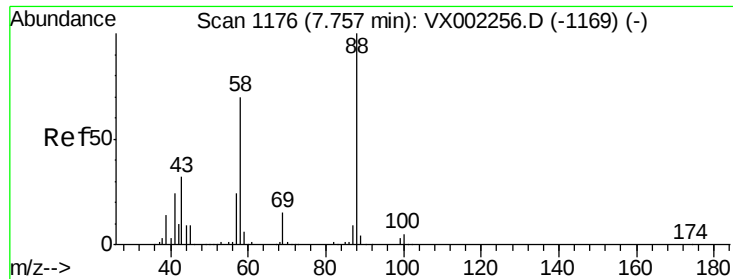


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

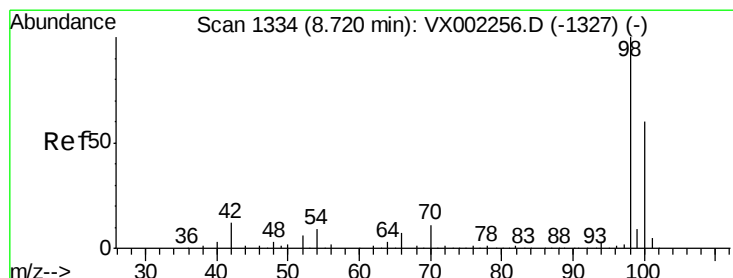
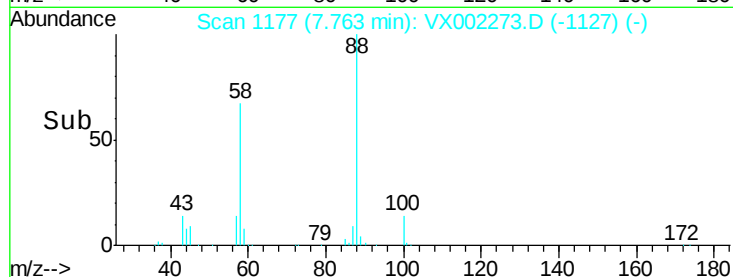
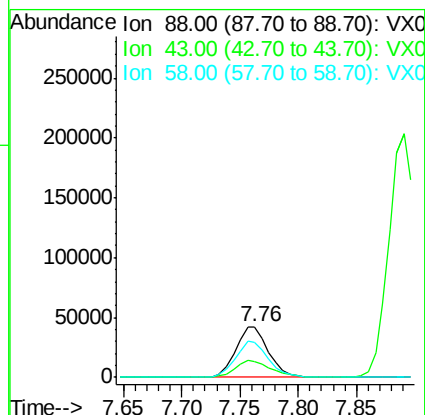
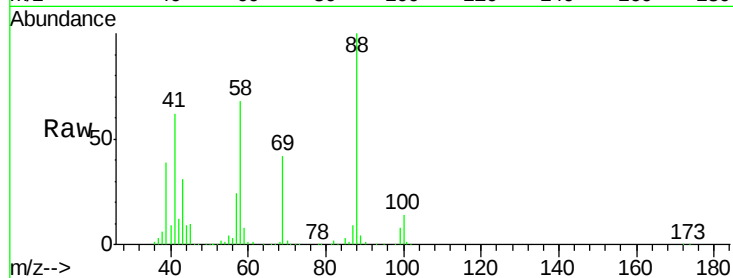




#49  
1,4-Dioxane  
Concen: 972.01 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. 0.01 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

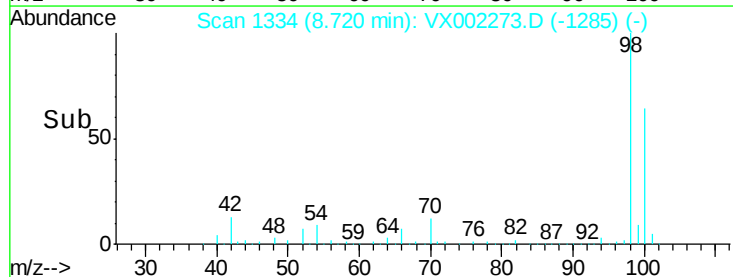
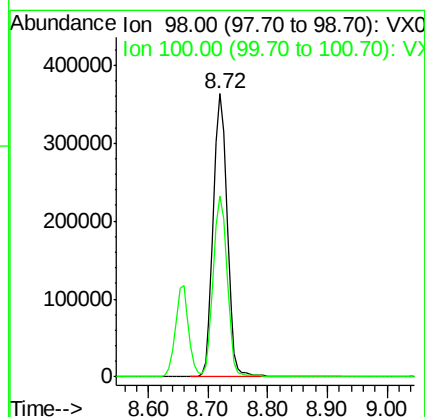
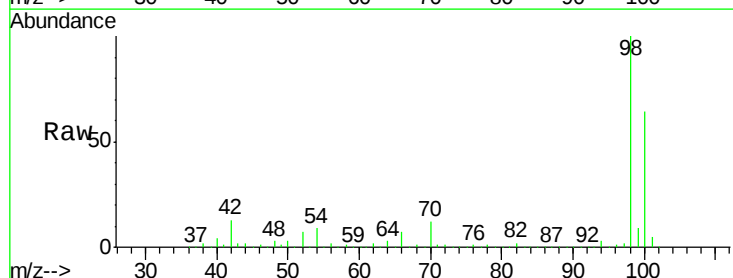
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

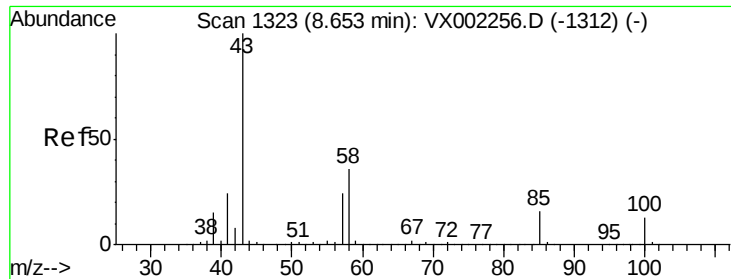
Tot Ion: 88 Resp: 81307  
Ion Ratio Lower Upper  
88 100  
43 36.4 29.8 44.6  
58 71.6 57.1 85.7



#50  
Toluene-d8  
Concen: 46.52 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

Tgt Ion: 98 Resp: 581576  
Ion Ratio Lower Upper  
98 100  
100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 244.03 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

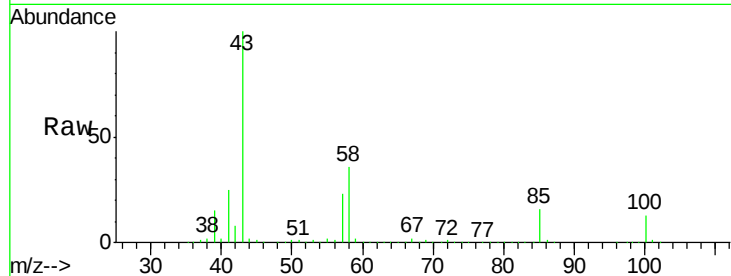
VSTDCCC050EC

Tot Ion: 43 Resp: 1353487

Ion Ratio Lower Upper

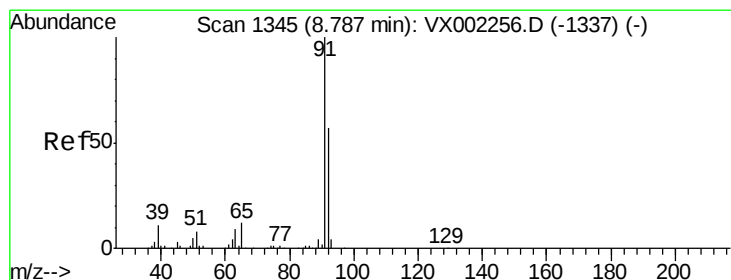
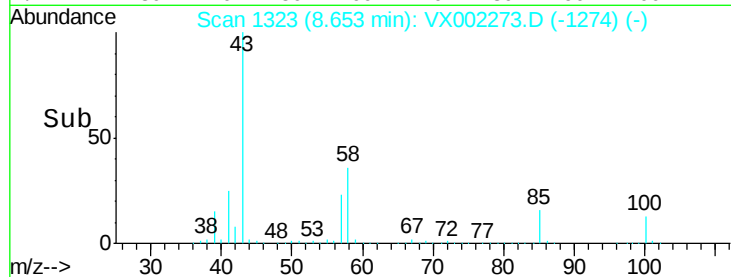
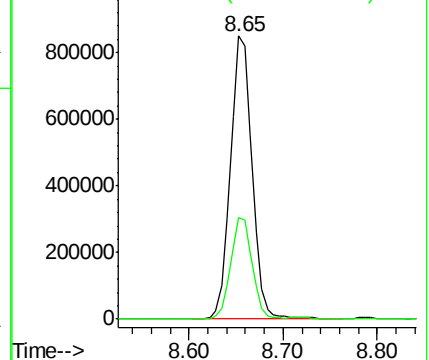
43 100

58 35.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.02 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002273.D

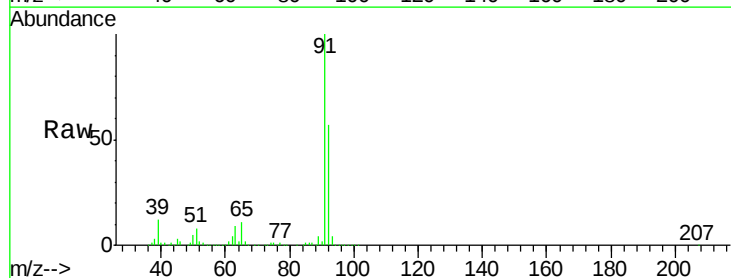
Acq: 04 Jun 2018 21:00

Tgt Ion: 92 Resp: 425309

Ion Ratio Lower Upper

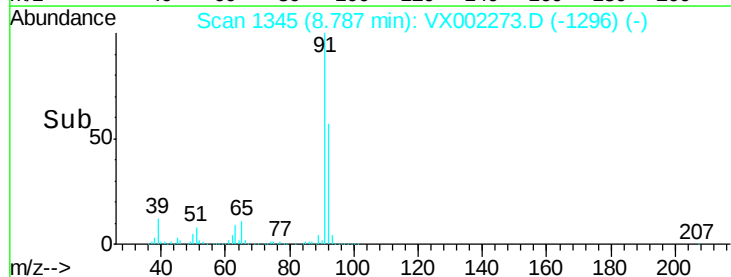
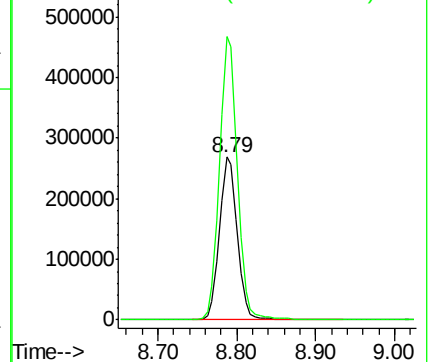
92 100

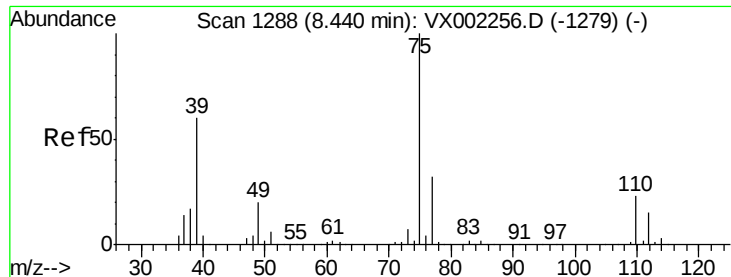
91 174.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.71 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

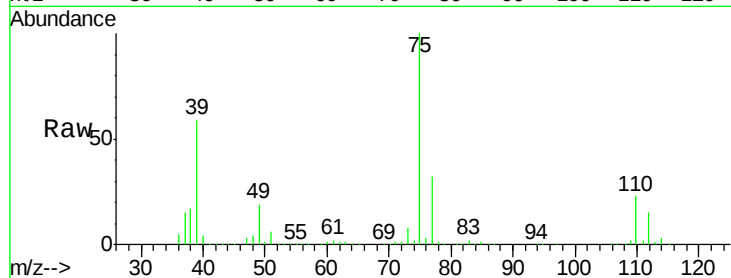
VSTDCCC050EC

Tot Ion: 75 Resp: 258476

Ion Ratio Lower Upper

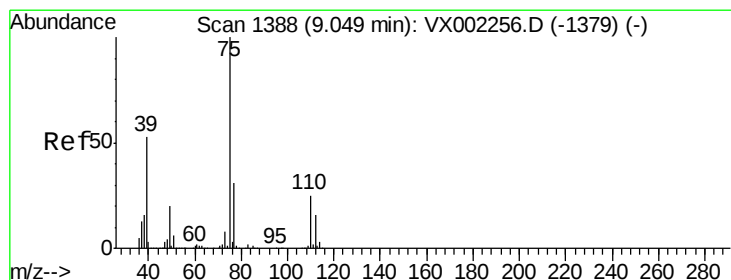
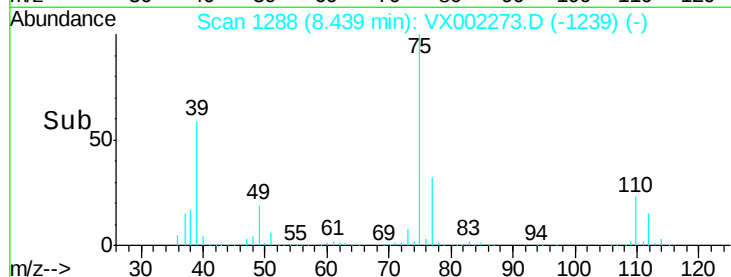
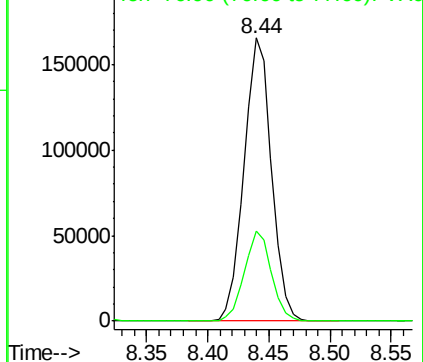
75 100

77 31.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.15 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

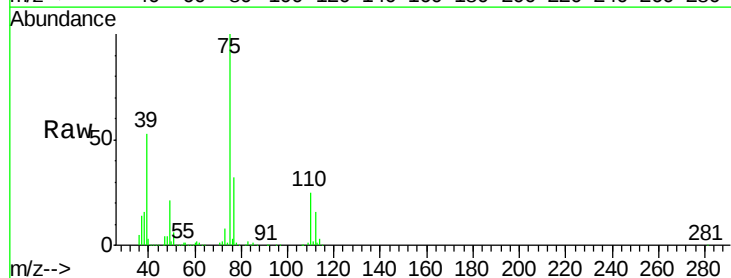
Tgt Ion: 75 Resp: 241062

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

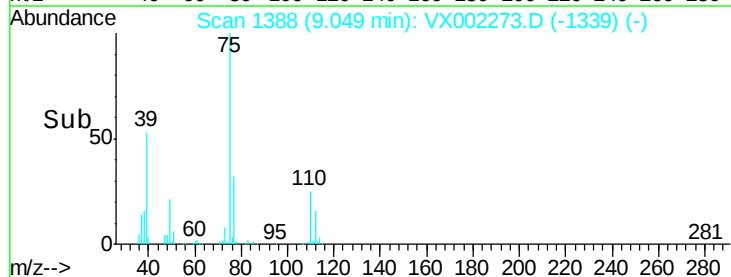
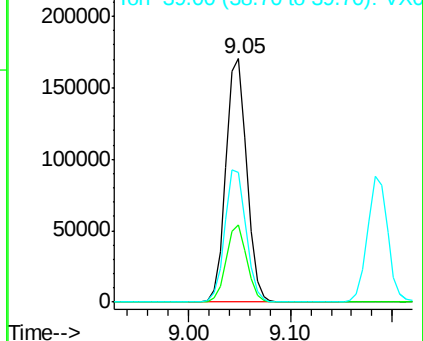
39 53.4 42.4 63.6

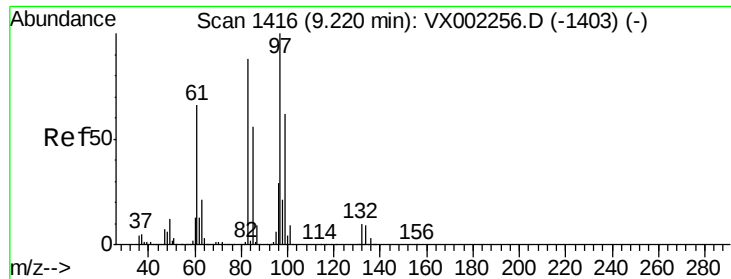


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 48.30 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 168901

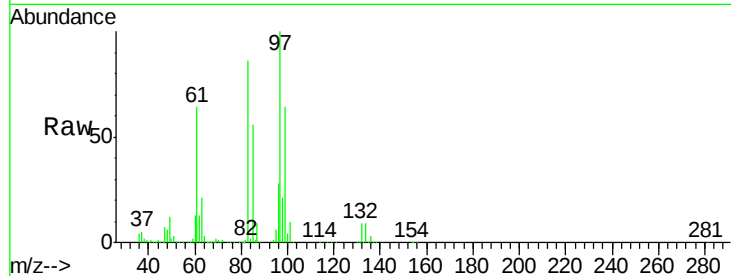
Ion Ratio Lower Upper

97 100

83 85.7 70.2 105.2

85 56.1 44.9 67.3

99 63.8 49.8 74.8

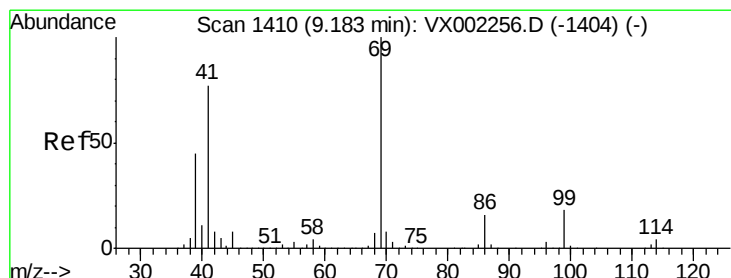
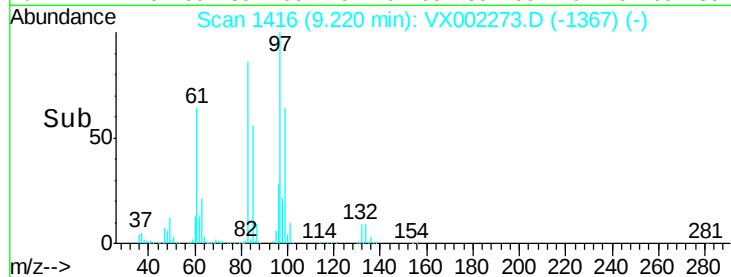
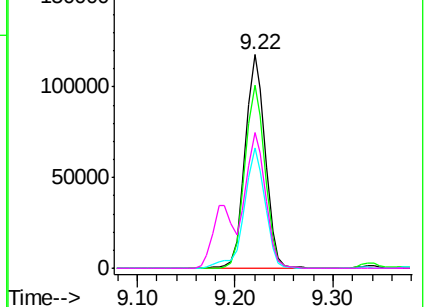


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 47.84 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

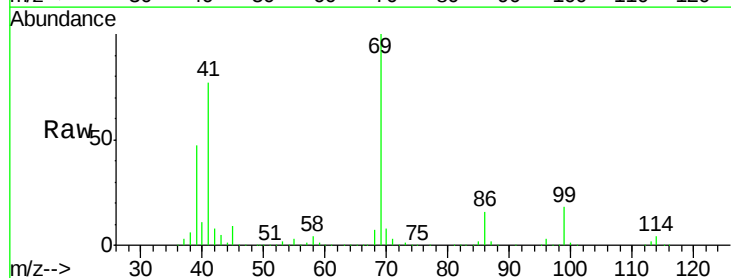
Tgt Ion: 69 Resp: 267133

Ion Ratio Lower Upper

69 100

41 75.2 60.3 90.5

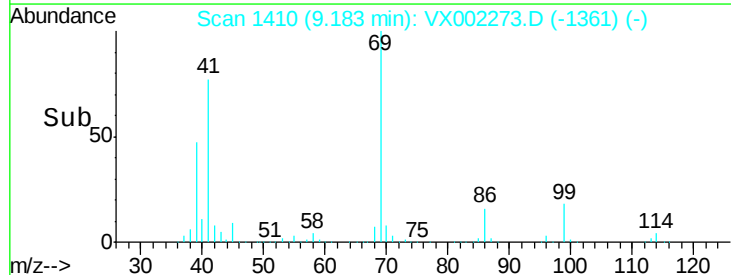
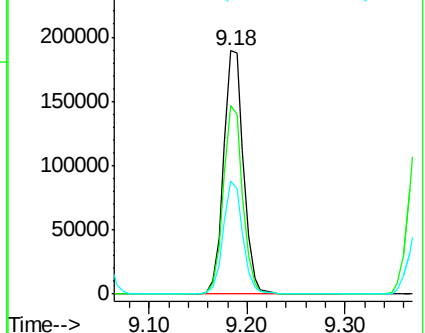
39 45.4 35.8 53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.95 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

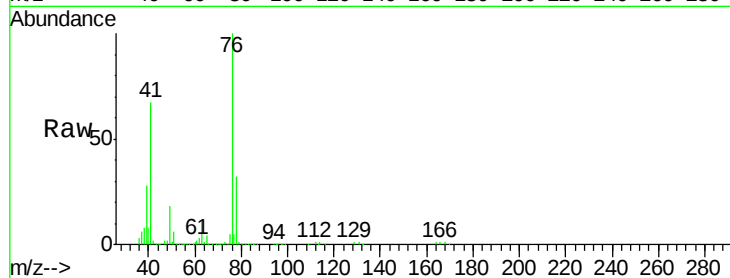
VSTDCCC050EC

Tot Ion: 76 Resp: 281309

Ion Ratio Lower Upper

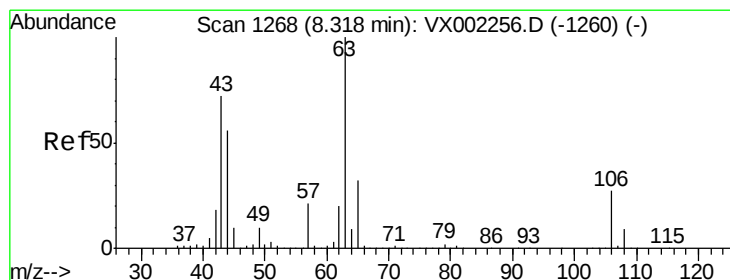
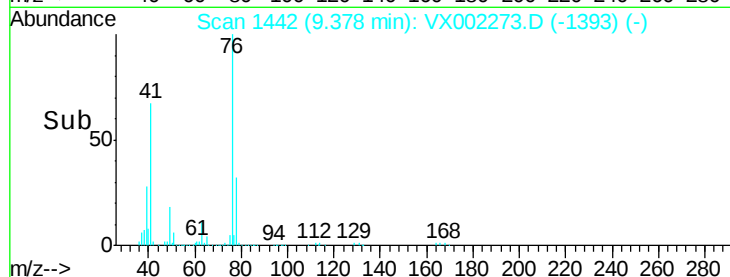
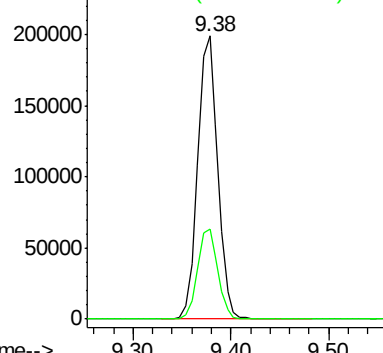
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 243.46 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002273.D

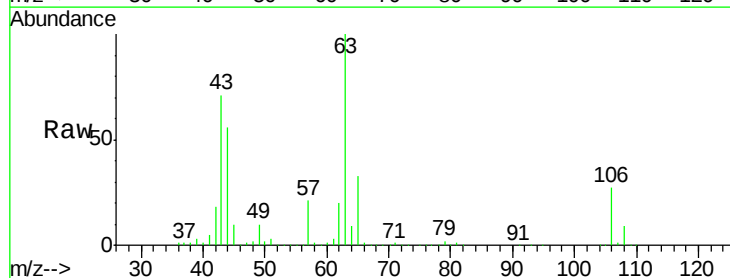
Acq: 04 Jun 2018 21:00

Tgt Ion: 63 Resp: 629135

Ion Ratio Lower Upper

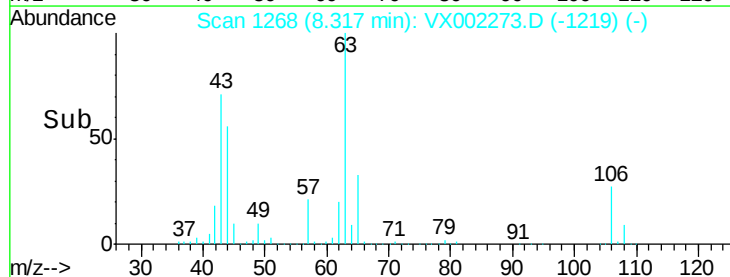
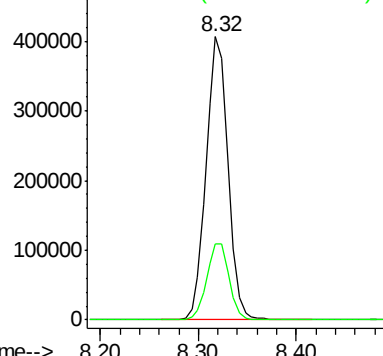
63 100

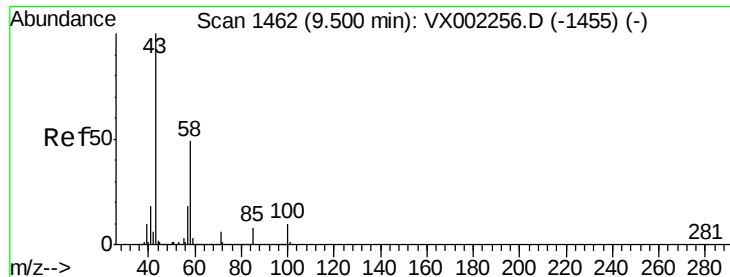
106 27.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

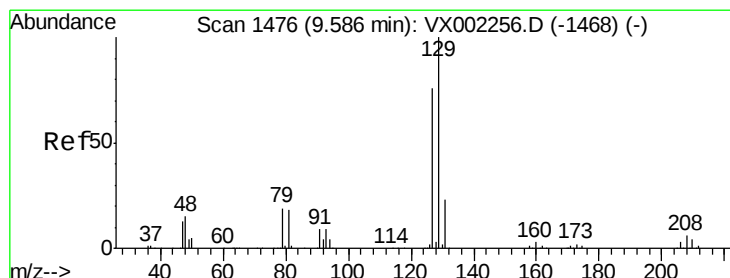
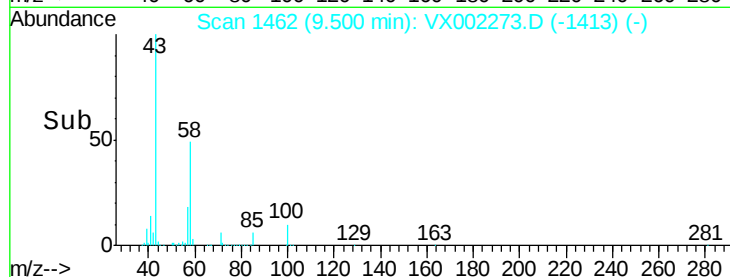
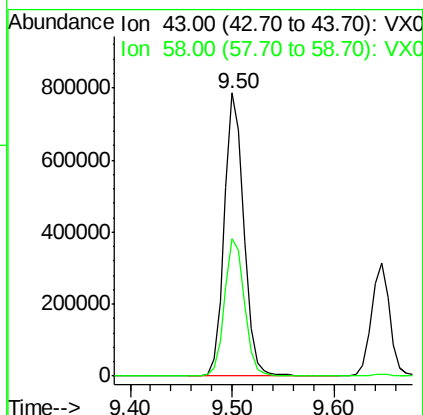
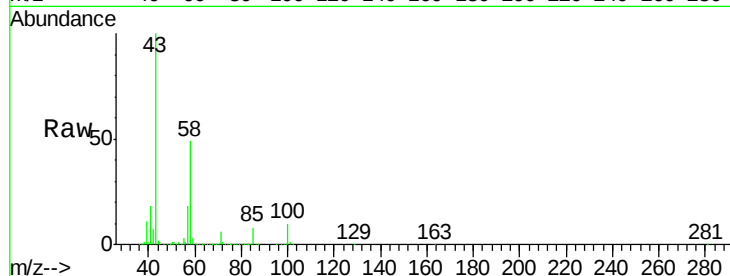




#59  
2-Hexanone  
Concen: 243.18 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

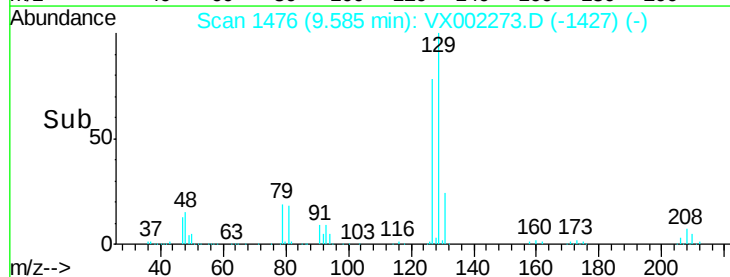
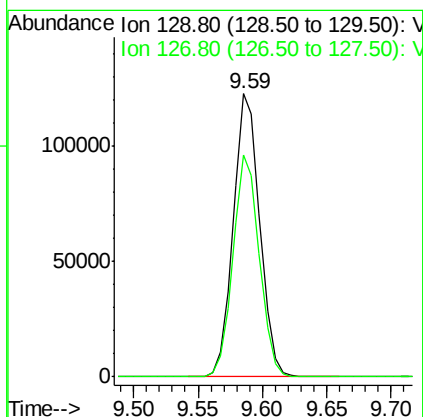
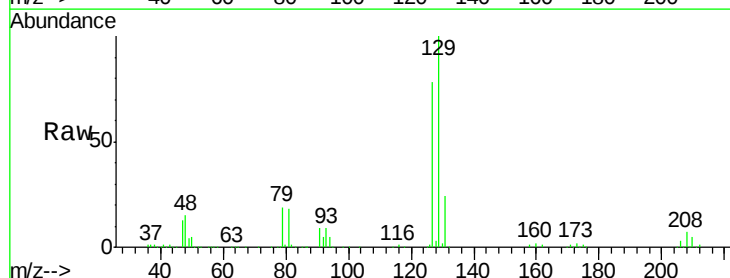
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1041800  
Ion Ratio Lower Upper  
43 100  
58 49.7 24.6 73.6



#60  
Dibromochloromethane  
Concen: 49.94 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

Tgt Ion: 129 Resp: 175675  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.54 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

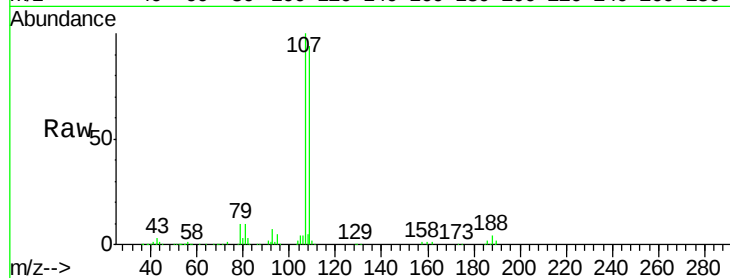
VSTDCCC050EC

Tot Ion:107 Resp: 180659

Ion Ratio Lower Upper

107 100

109 93.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

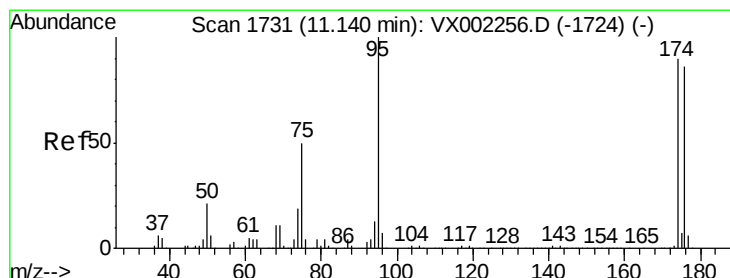
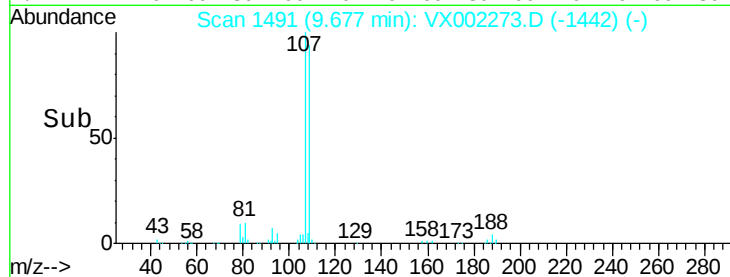
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

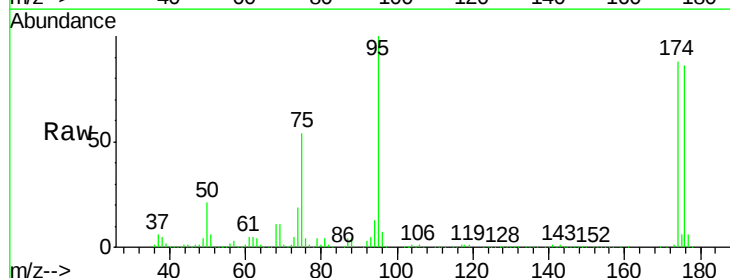
Tgt Ion: 95 Resp: 224180

Ion Ratio Lower Upper

95 100

174 95.5 0.0 187.4

176 92.1 0.0 181.0



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

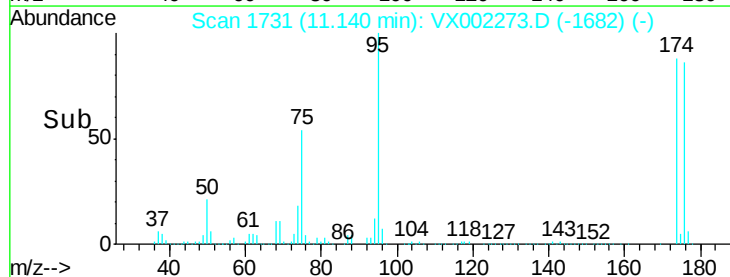
150000

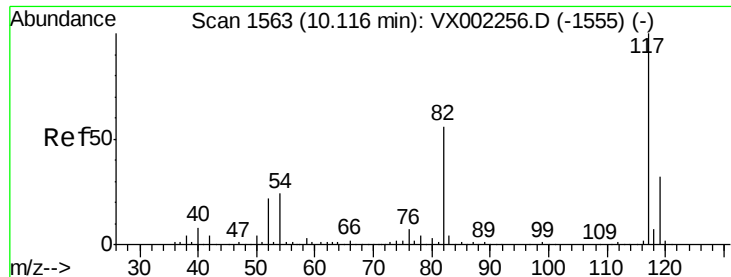
100000

50000

0

Time-->

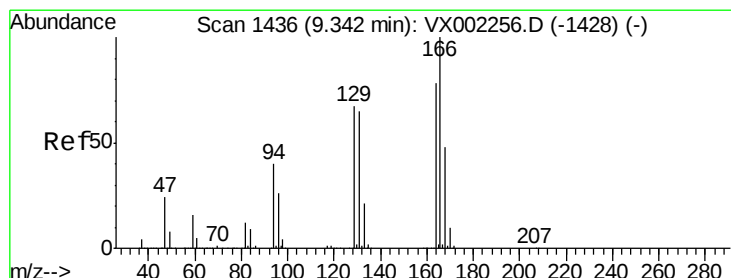
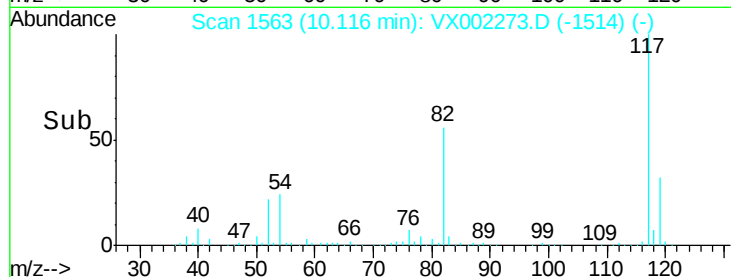
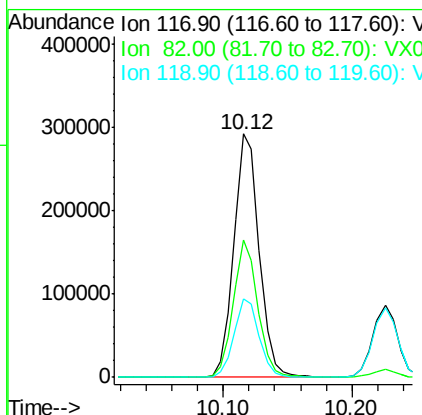
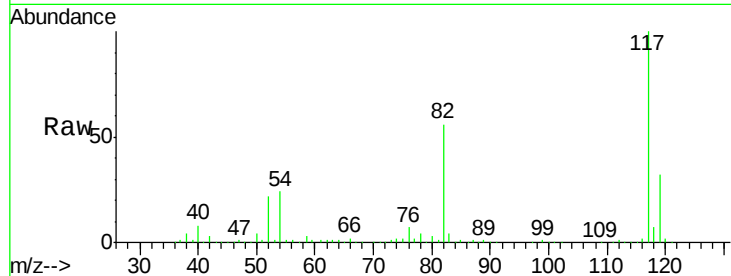




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

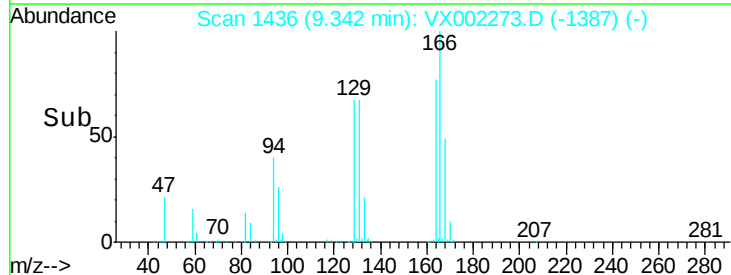
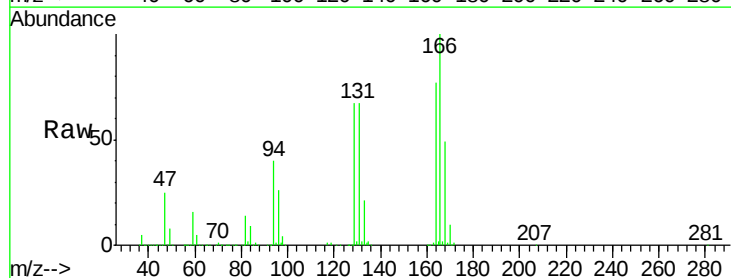
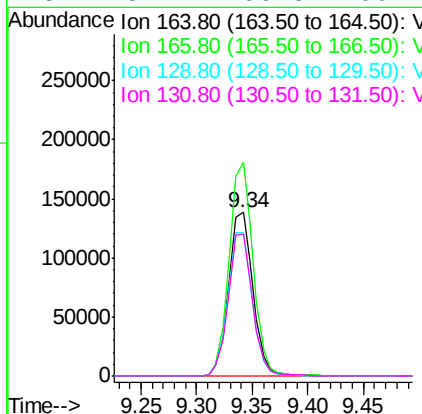
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:117 Resp: 400361  
Ion Ratio Lower Upper  
117 100  
82 56.2 45.0 67.4  
119 32.3 25.8 38.6



#64  
Tetrachloroethene  
Concen: 50.79 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

Tgt Ion:164 Resp: 209707  
Ion Ratio Lower Upper  
164 100  
166 130.7 102.9 154.3  
129 87.8 68.6 102.8  
131 87.4 66.8 100.2





#65

Chlorobenzene

Concen: 48.62 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

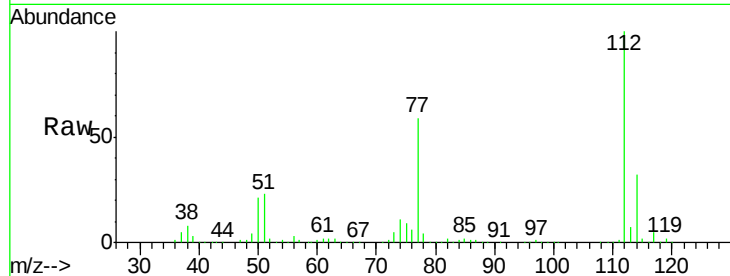
VSTDCCC050EC

Tot Ion:112 Resp: 484343

Ion Ratio Lower Upper

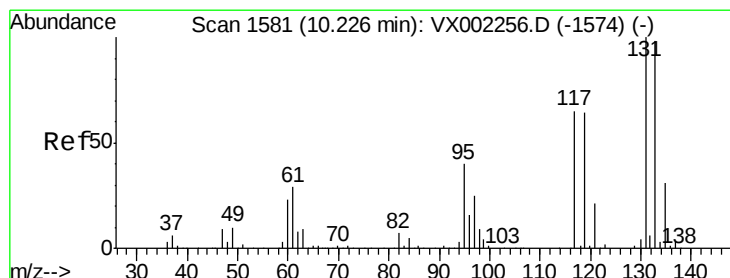
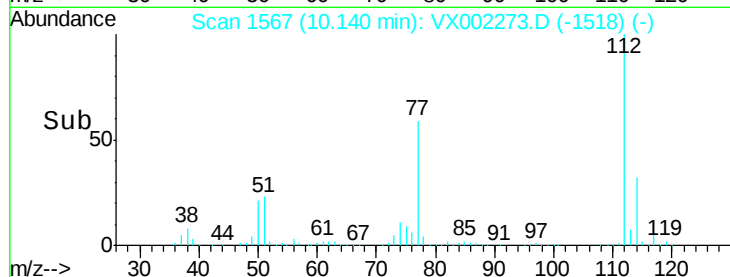
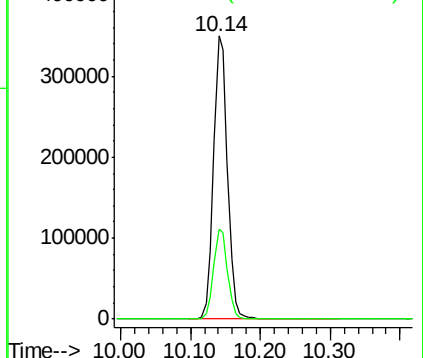
112 100

114 31.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.73 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

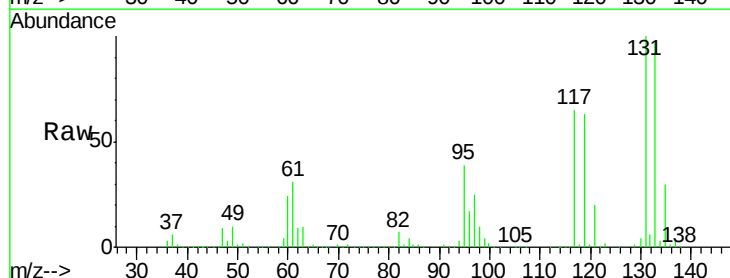
Tgt Ion:131 Resp: 175779

Ion Ratio Lower Upper

131 100

133 96.0 47.9 143.6

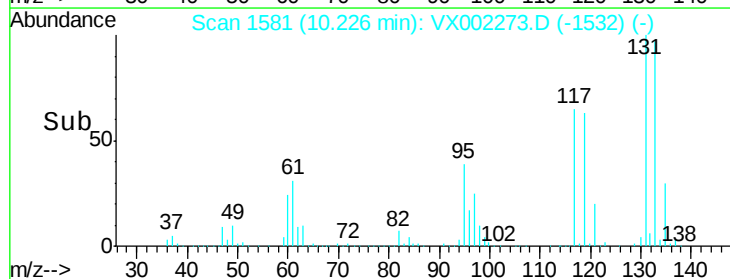
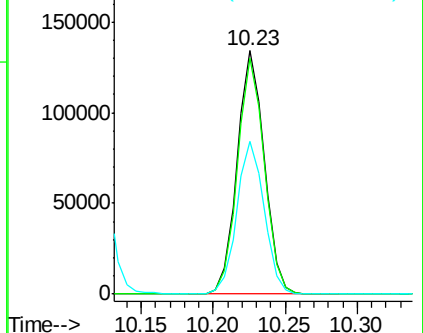
119 63.5 31.8 95.3

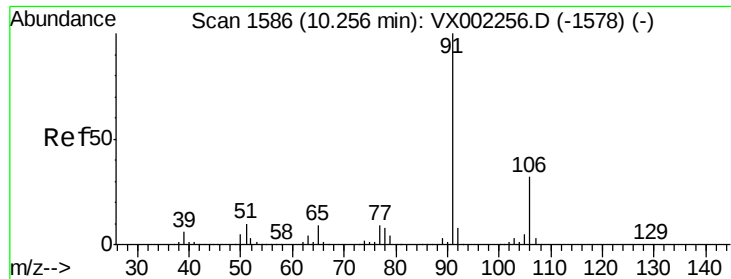


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

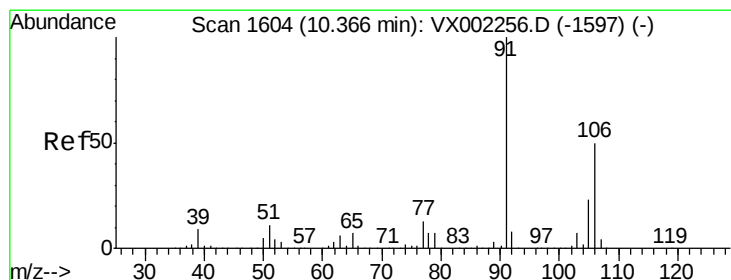
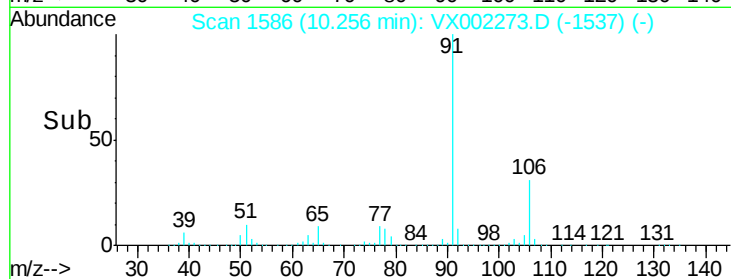
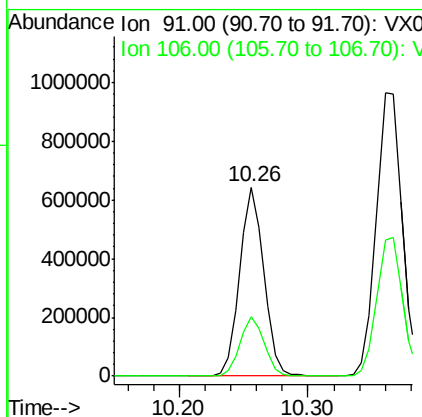
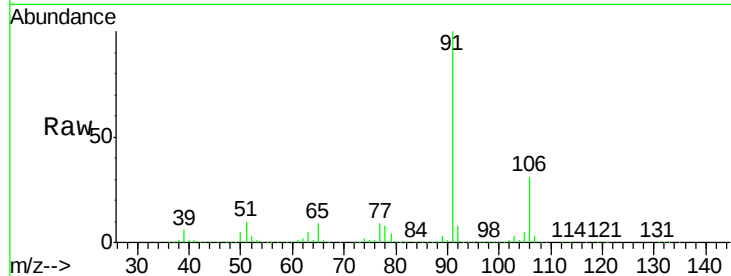




#67  
Ethyl Benzene  
Concen: 50.17 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

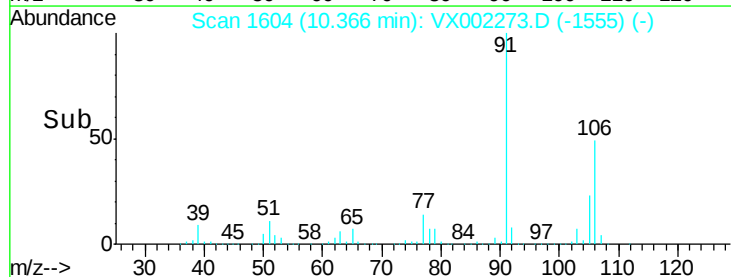
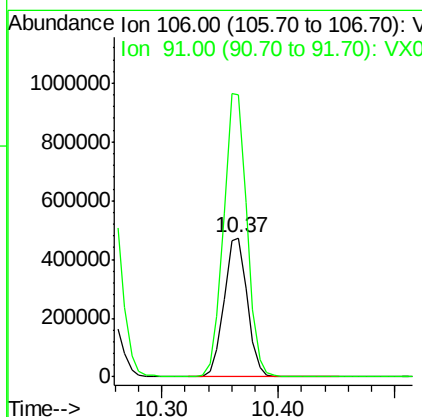
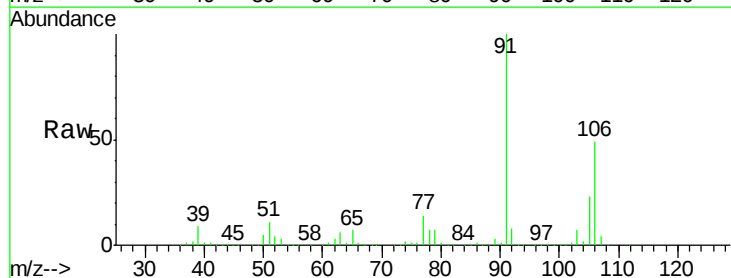
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

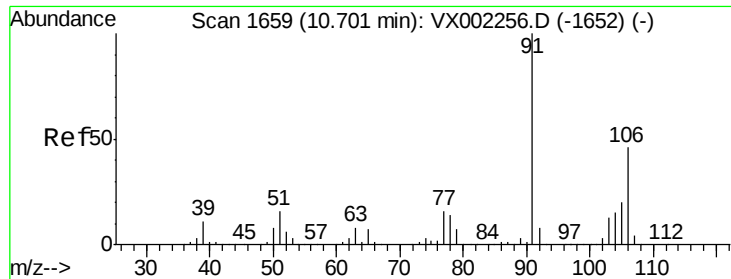
Tot Ion: 91 Resp: 836354  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.5 38.3



#68  
m/p-Xylenes  
Concen: 100.37 ug/l  
RT: 10.37 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

Tgt Ion: 106 Resp: 650440  
Ion Ratio Lower Upper  
106 100  
91 205.4 163.4 245.2

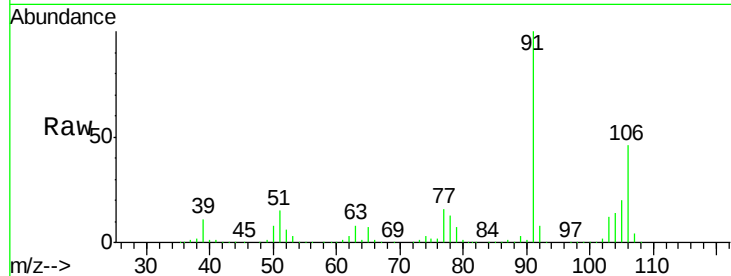




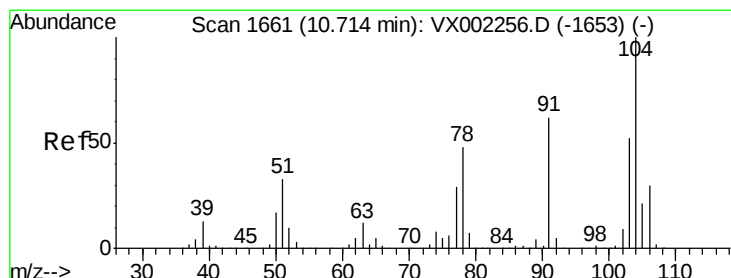
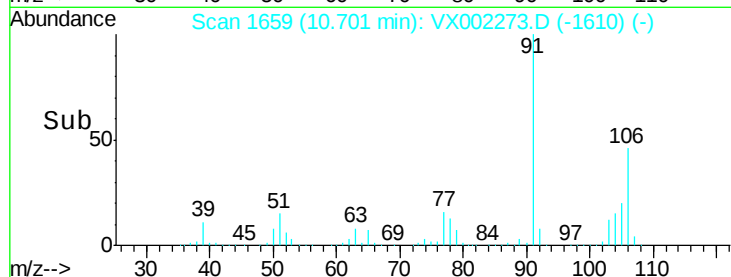
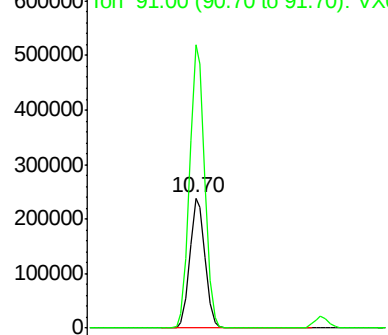
#69  
o-Xylene  
Concen: 49.58 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 319738  
Ion Ratio Lower Upper  
106 100  
91 216.2 108.2 324.6

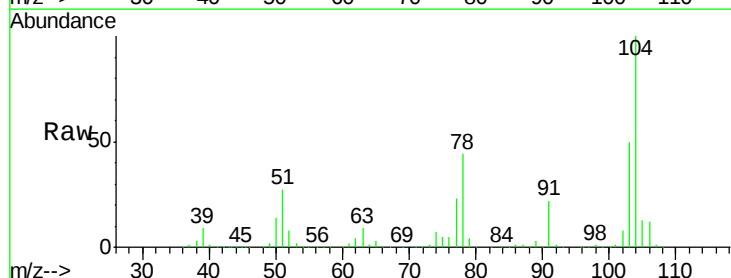


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

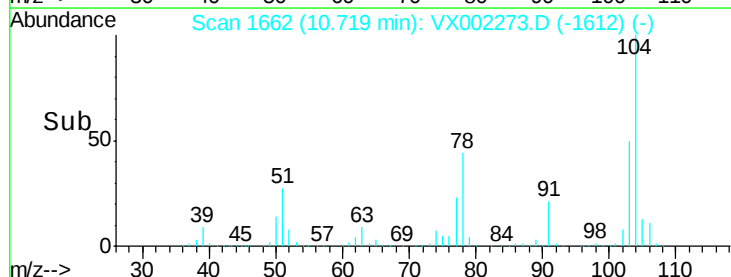
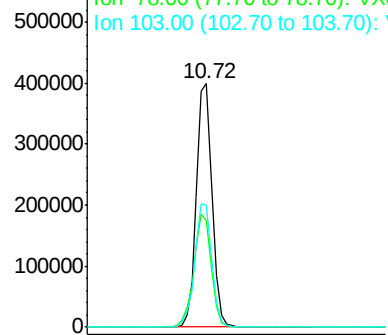


#70  
Styrene  
Concen: 50.65 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. 0.01 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

Tgt Ion:104 Resp: 534005  
Ion Ratio Lower Upper  
104 100  
78 51.6 41.0 61.6  
103 55.5 44.2 66.4



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





#71

Bromoform

Concen: 43.18 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

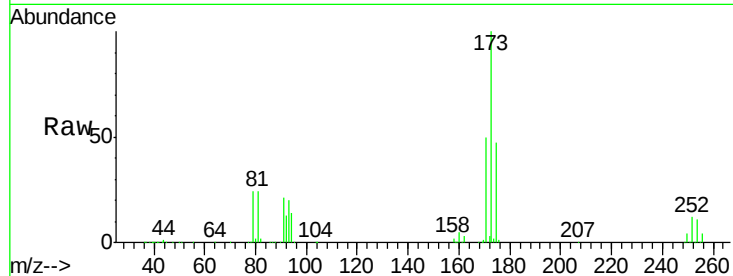
Tot Ion:173 Resp: 137871

Ion Ratio Lower Upper

173 100

175 48.7 24.7 74.1

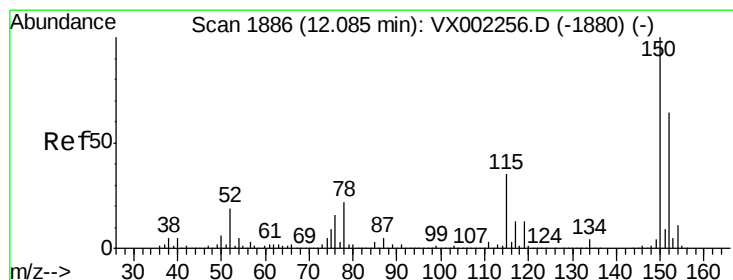
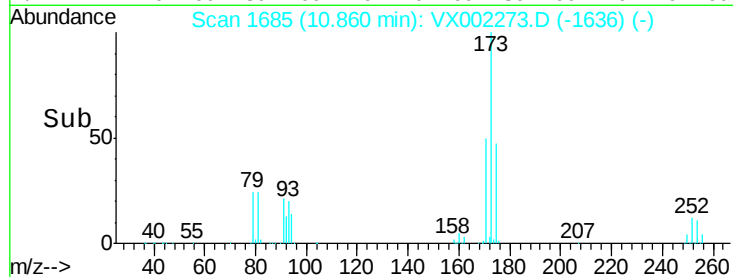
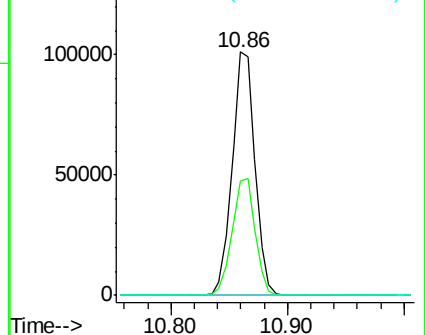
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

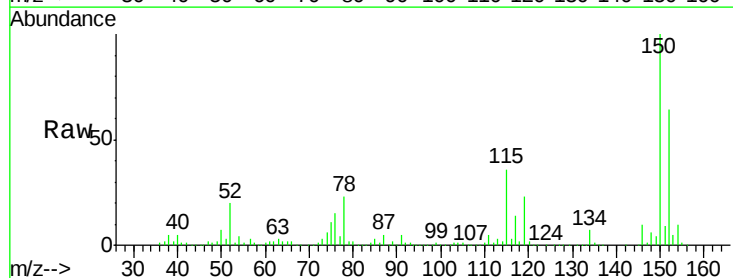
Tgt Ion:152 Resp: 254201

Ion Ratio Lower Upper

152 100

115 79.5 40.1 120.2

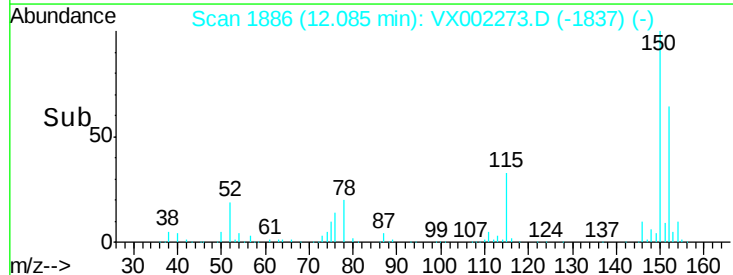
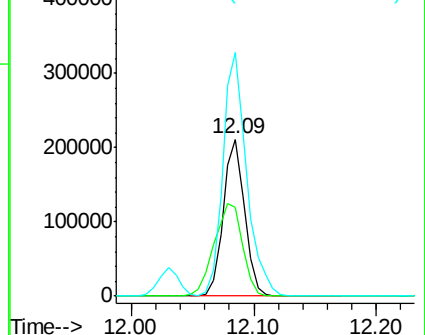
150 173.7 0.0 347.2

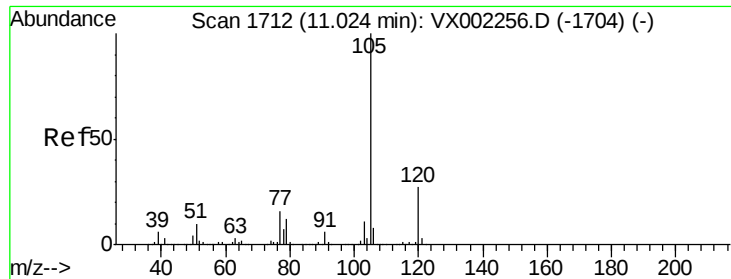


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.18 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

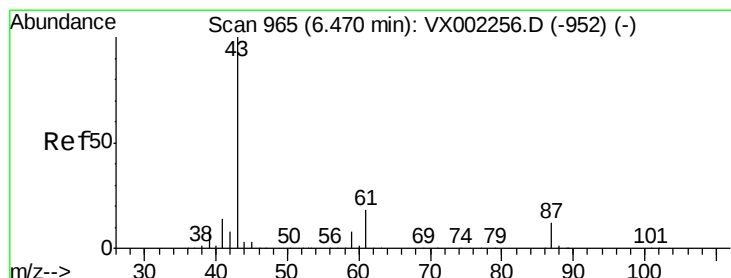
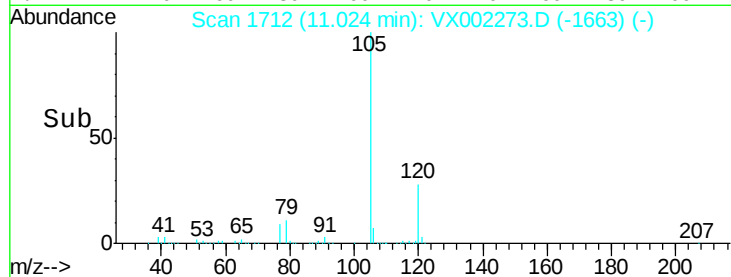
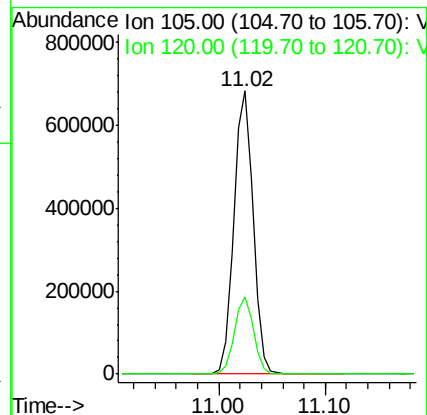
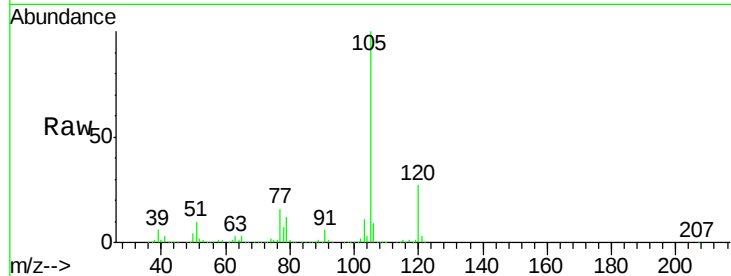
VSTDCCC050EC

Tot Ion:105 Resp: 869691

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#74

N-ethyl acetate

Concen: 43.82 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tgt Ion: 43 Resp: 417555

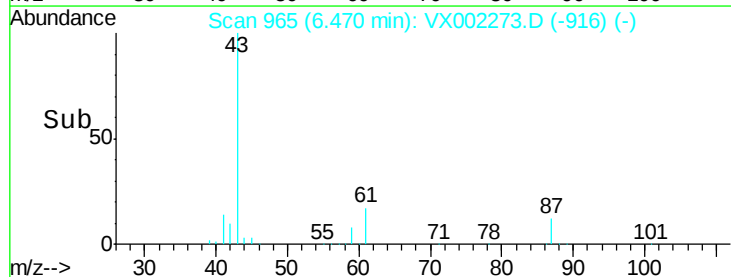
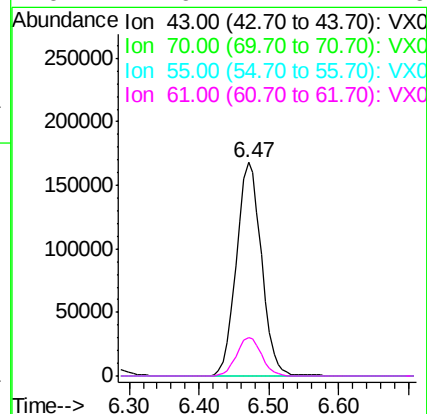
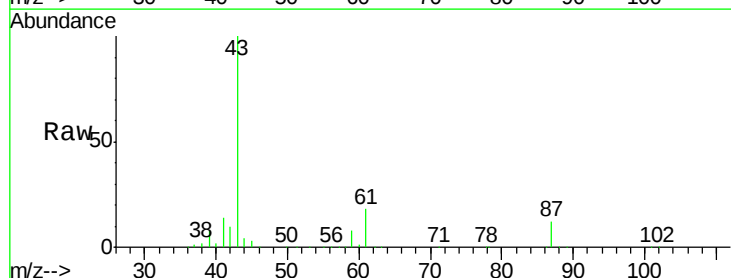
Ion Ratio Lower Upper

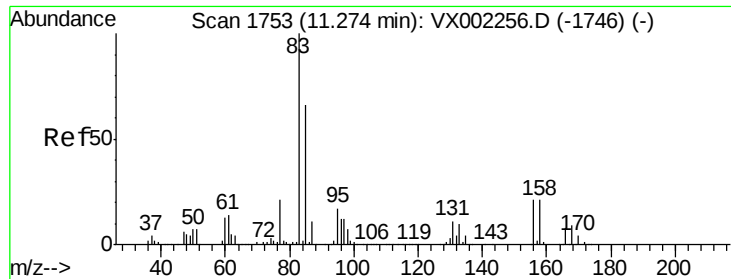
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.92 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

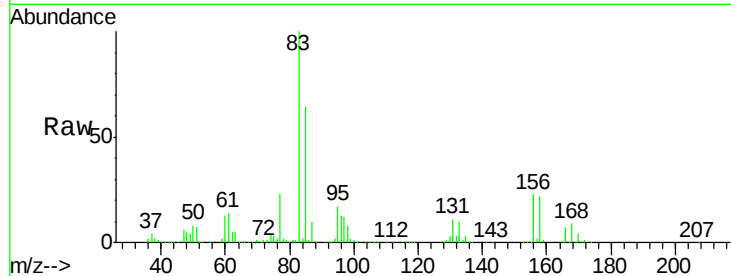
Tot Ion: 83 Resp: 249850

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.9  | 5.6   | 16.8  |
| 85  | 64.1  | 32.4  | 97.2  |

83 100

131 10.9 5.6 16.8

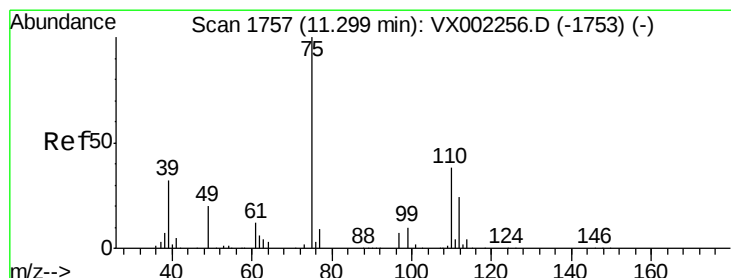
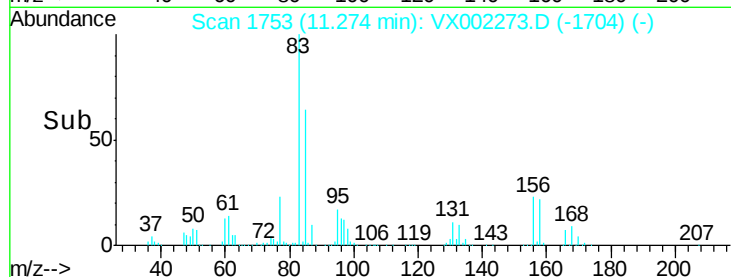
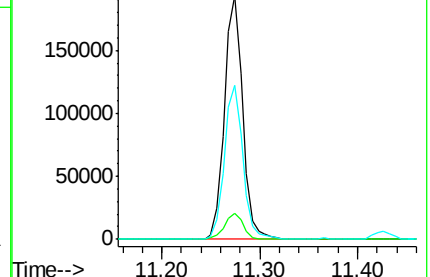
85 64.1 32.4 97.2



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: 54.26 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002273.D

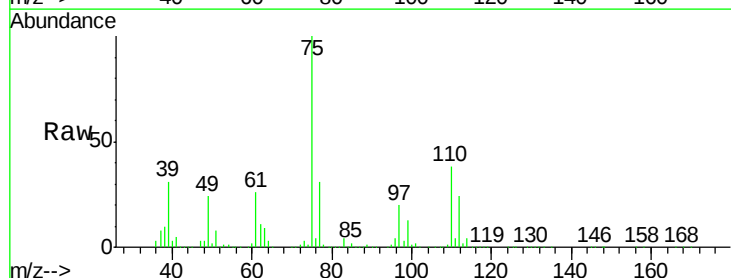
Acq: 04 Jun 2018 21:00

Tgt Ion: 75 Resp: 302660

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.9  | 22.8  | 68.3  |

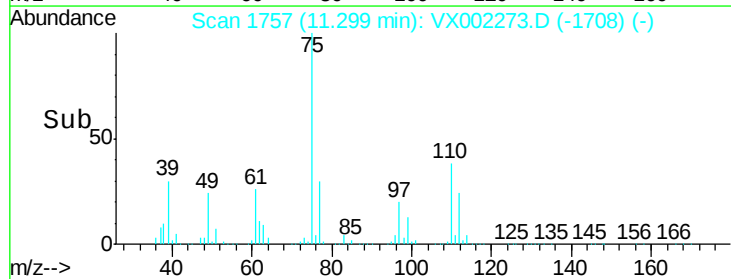
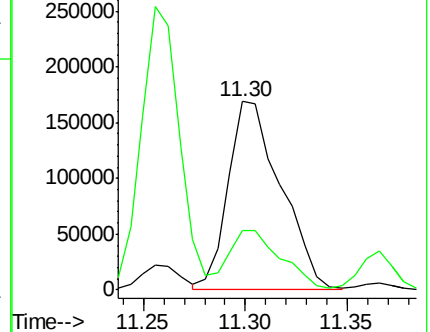
75 100

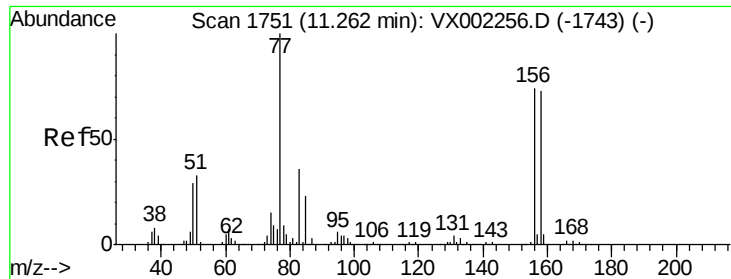
77 31.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

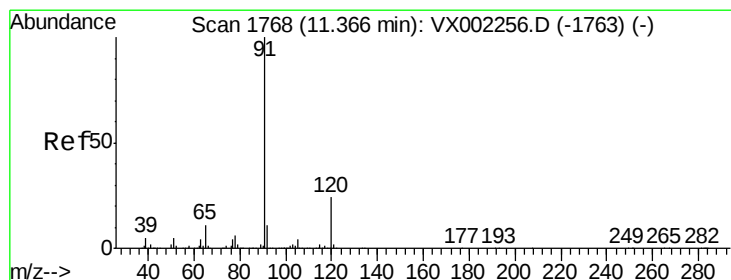
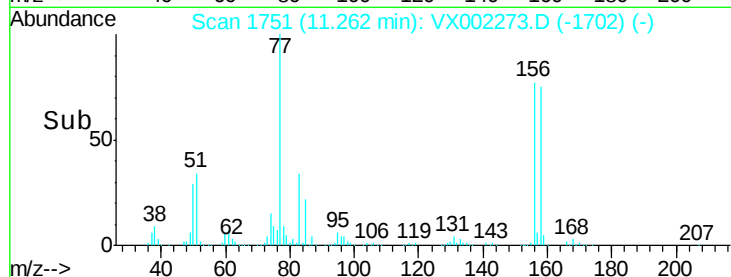
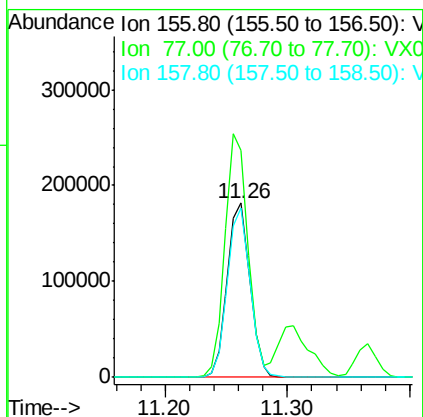
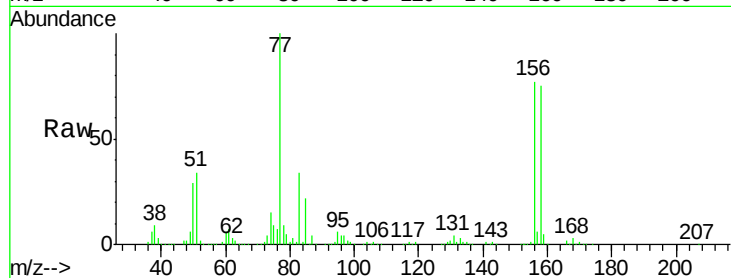




#77  
Bromobenzene  
Concen: 47.25 ug/l  
RT: 11.26 min Scan# 1751  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

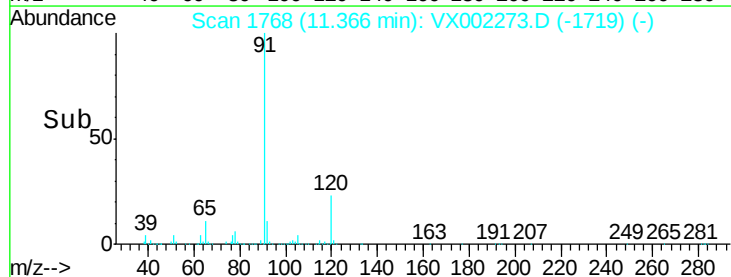
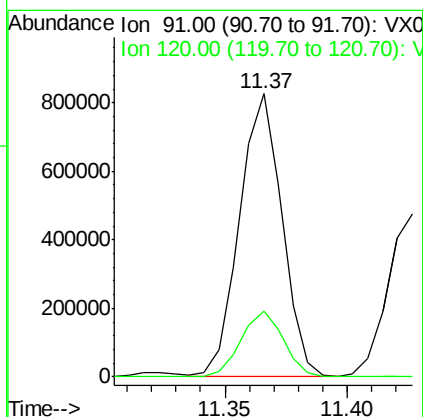
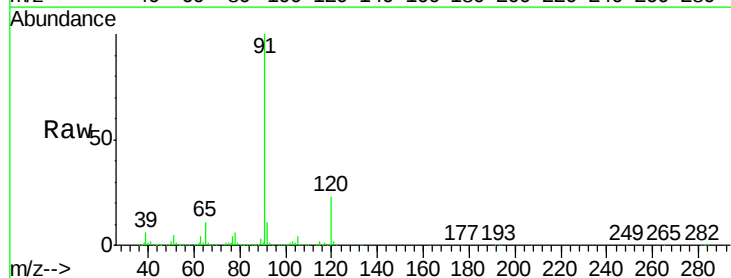
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

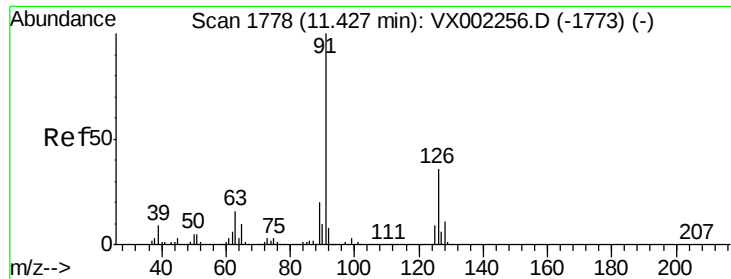
Tot Ion:156 Resp: 234570  
Ion Ratio Lower Upper  
156 100  
77 140.4 71.4 214.2  
158 97.1 48.9 146.6



#78  
n-propylbenzene  
Concen: 50.55 ug/l  
RT: 11.37 min Scan# 1768  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

Tgt Ion: 91 Resp: 993644  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.8 35.4

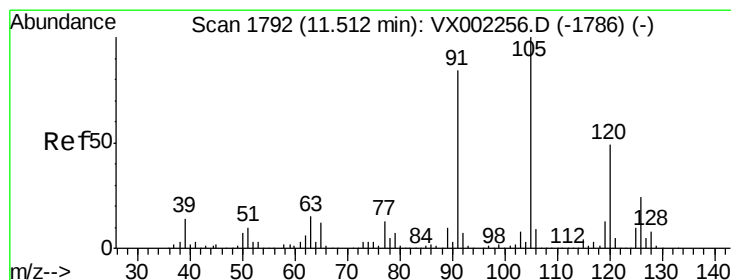
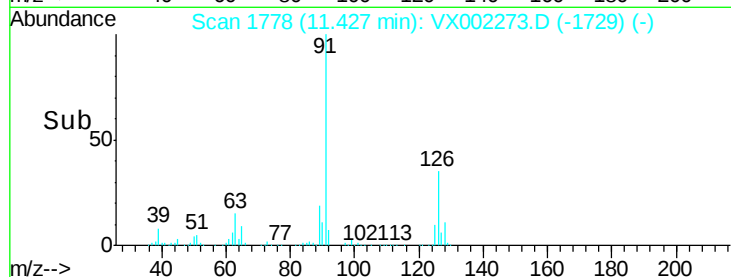
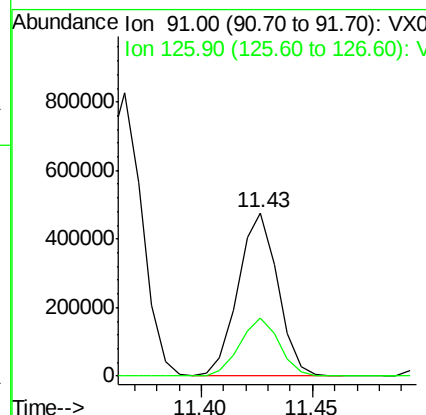
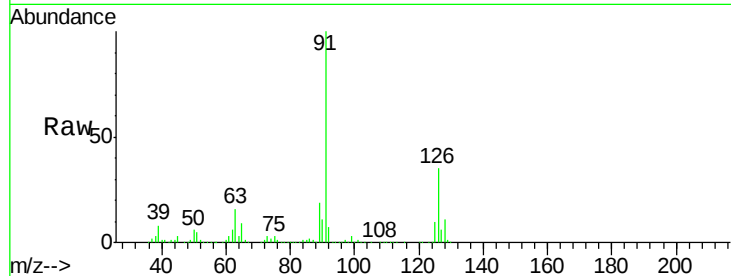




#79  
 2-Chlorotoluene  
 Concen: 47.65 ug/l  
 RT: 11.43 min Scan# 1778  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

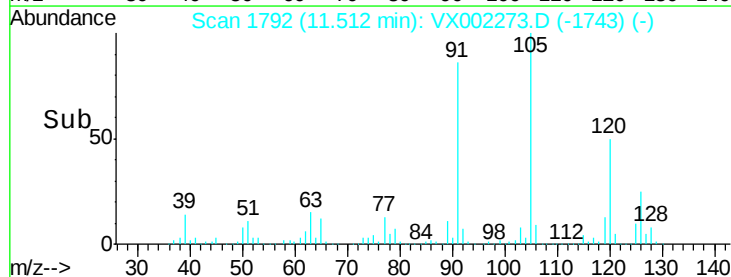
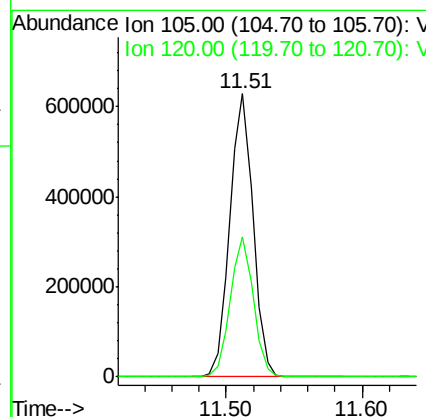
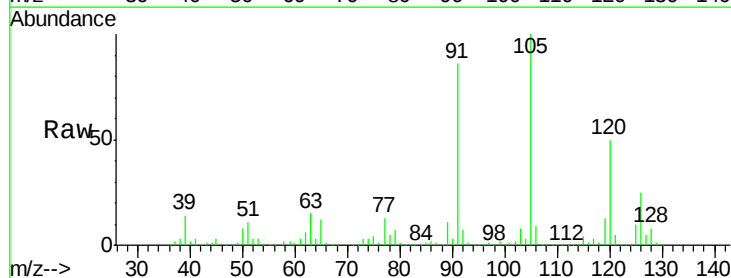
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

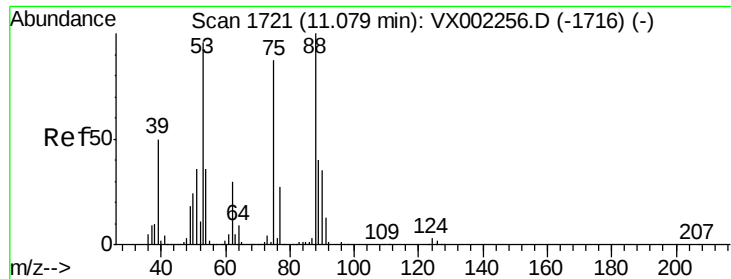
Tot Ion: 91 Resp: 591370  
 Ion Ratio Lower Upper  
 91 100  
 126 35.2 17.7 53.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 49.00 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

Tgt Ion: 105 Resp: 743276  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 24.4 73.4

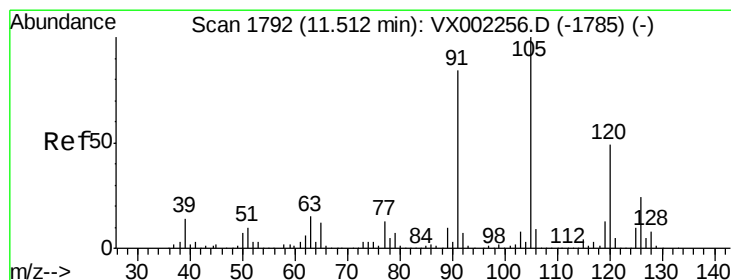
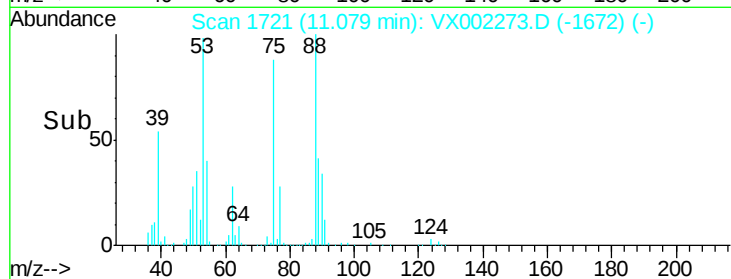
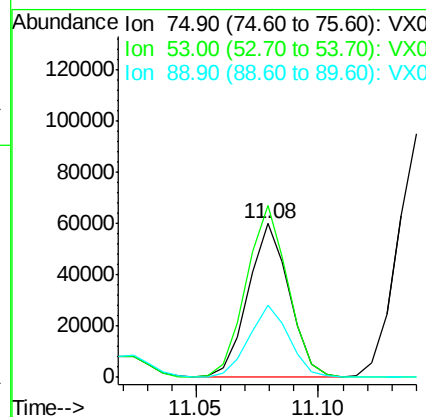
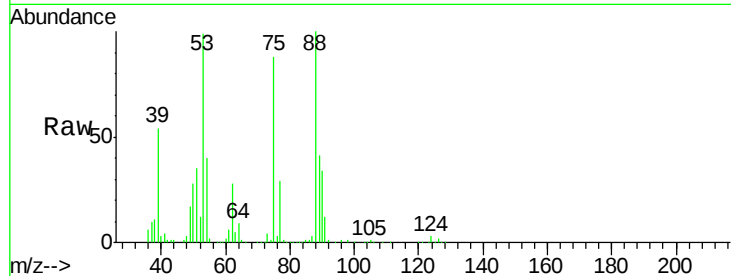




#81  
trans-1,4-Dichloro-2-butene  
Concen: 43.80 ug/l  
RT: 11.08 min Scan# 1721  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

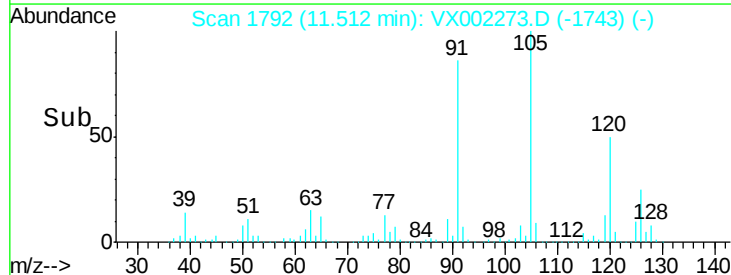
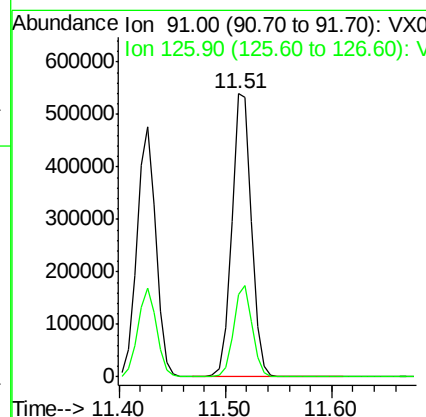
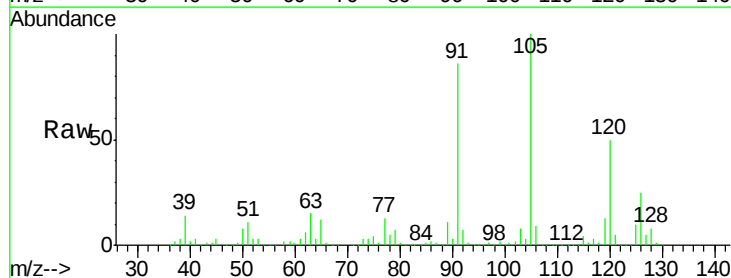
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

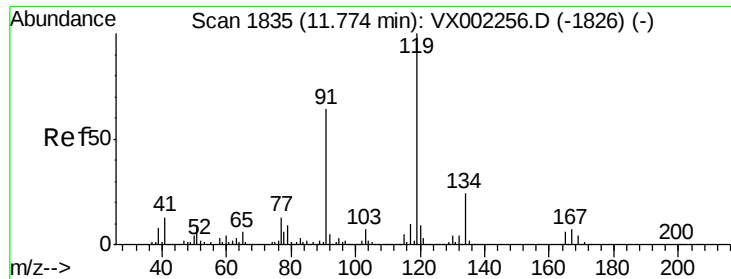
Tot Ion: 75 Resp: 69690  
Ion Ratio Lower Upper  
75 100  
53 113.8 86.8 130.2  
89 46.7 38.2 57.2



#82  
4-Chlorotoluene  
Concen: 48.69 ug/l  
RT: 11.51 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX002273.D  
Acq: 04 Jun 2018 21:00

Tgt Ion: 91 Resp: 697546  
Ion Ratio Lower Upper  
91 100  
126 30.6 15.4 46.4

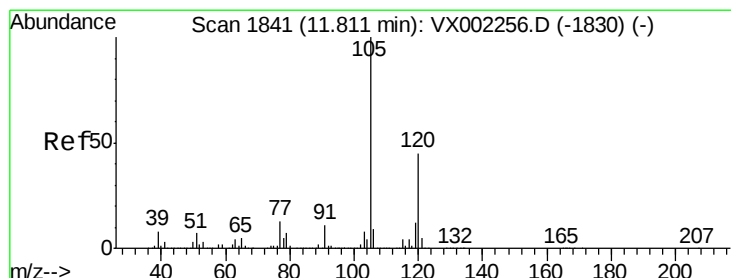
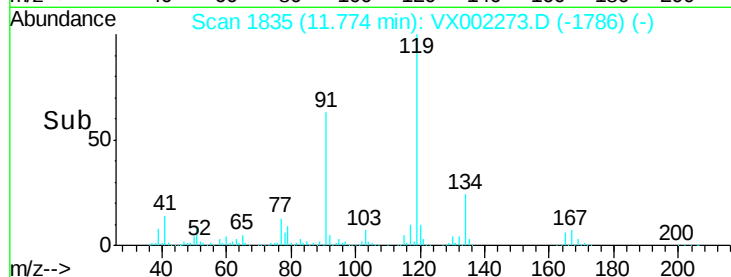
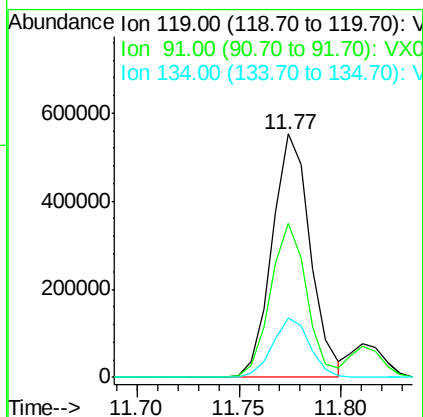
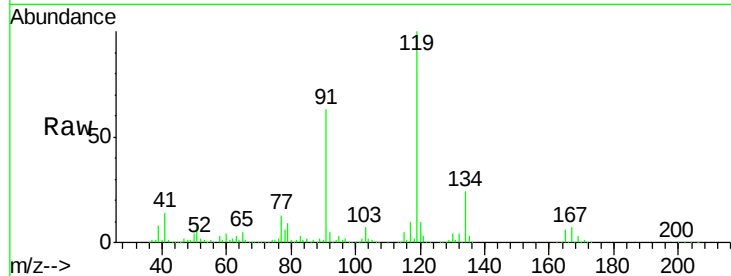




#83  
 tert-Butylbenzene  
 Concen: 48.88 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

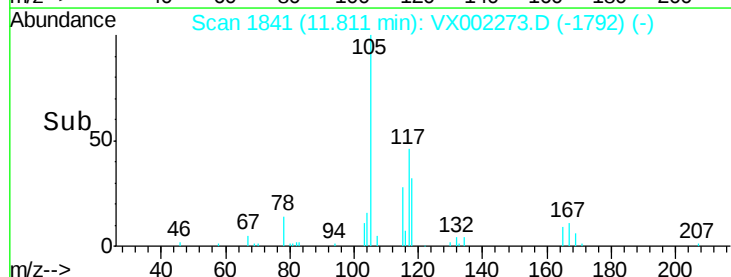
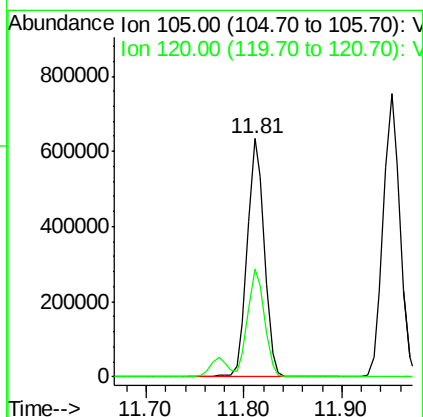
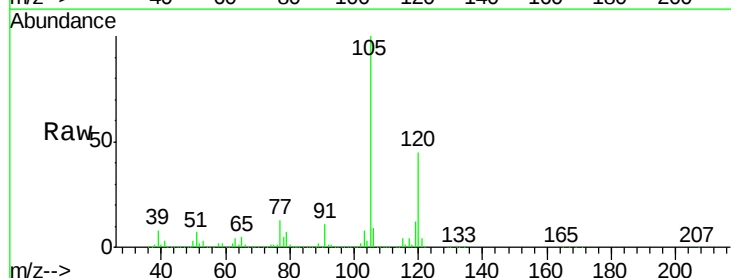
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:119 Resp: 721961  
 Ion Ratio Lower Upper  
 119 100  
 91 60.3 30.3 90.9  
 134 23.8 11.7 35.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.04 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

Tgt Ion:105 Resp: 765684  
 Ion Ratio Lower Upper  
 105 100  
 120 44.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.89 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

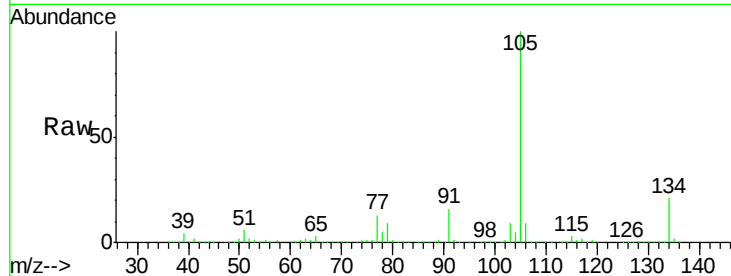
VSTDCCC050EC

Tot Ion:105 Resp: 898479

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

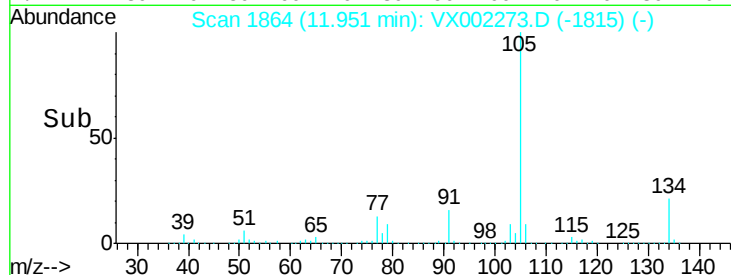
600000

400000

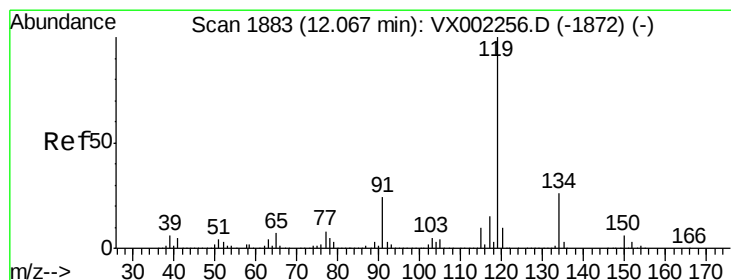
200000

0

11.90 12.00



Time-->



#86

p-Isopropyltoluene

Concen: 51.03 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

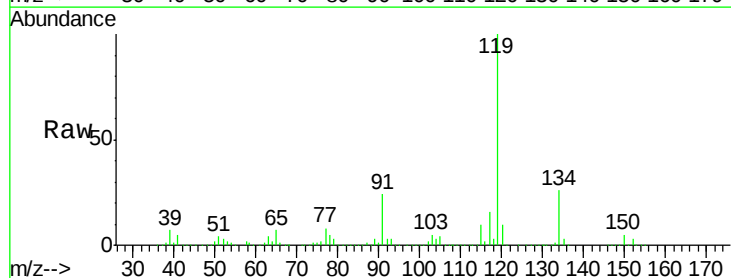
Tgt Ion:119 Resp: 804866

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 24.0 11.9 35.7



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

800000

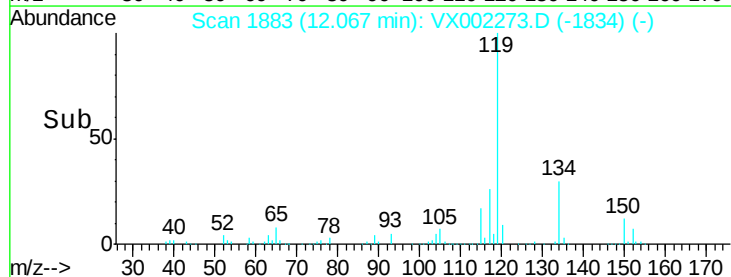
600000

400000

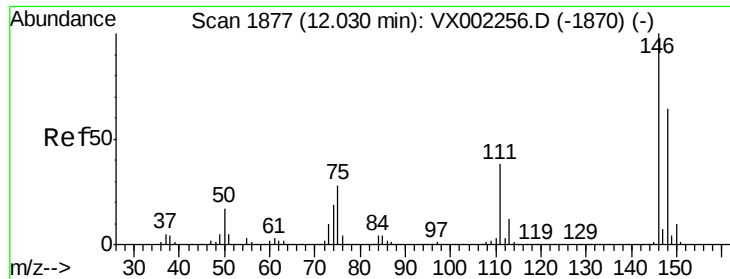
200000

0

12.00 12.10



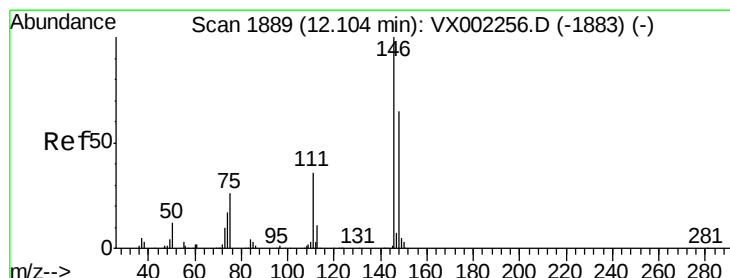
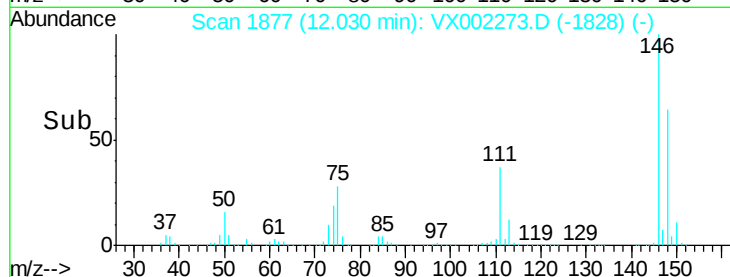
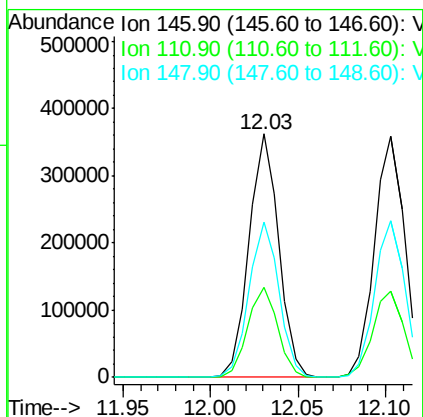
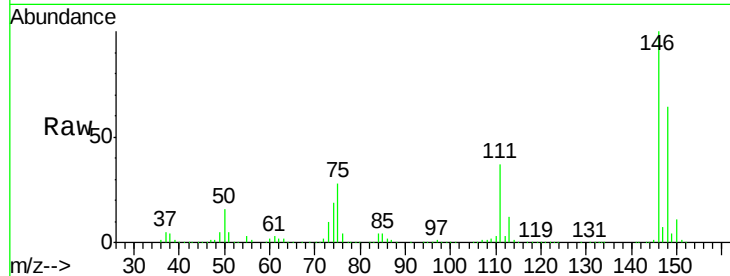
Time-->



#87  
 1,3-Dichlorobenzene  
 Concen: 48.31 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

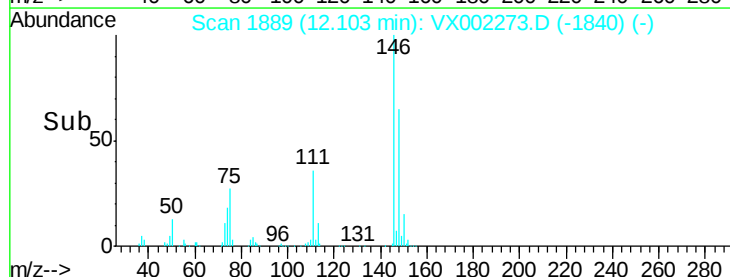
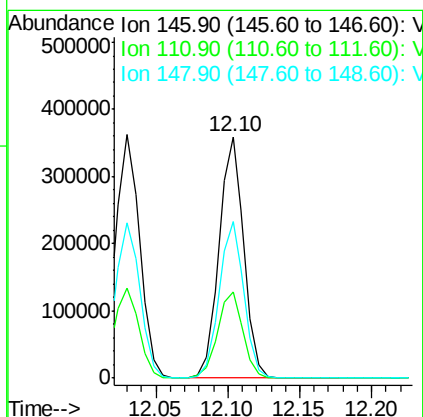
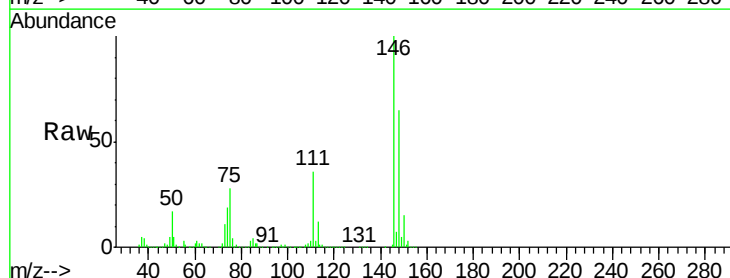
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.2  | 18.9  | 56.7  |
| 148     | 64.2  | 32.1  | 96.3  |



#88  
 1,4-Dichlorobenzene  
 Concen: 47.31 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.7  | 18.7  | 56.1  |
| 148     | 64.6  | 32.4  | 97.0  |





#89

n-Butylbenzene

Concen: 52.29 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

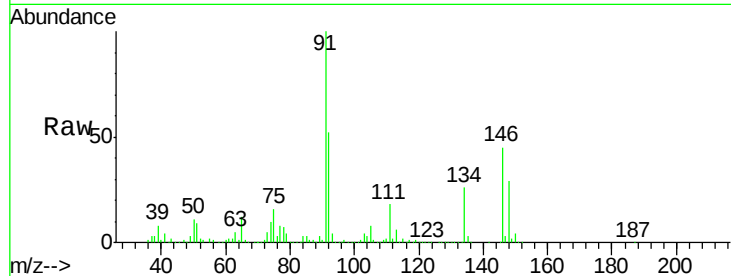
Tot Ion: 91 Resp: 691736

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

134 27.1 13.5 40.5

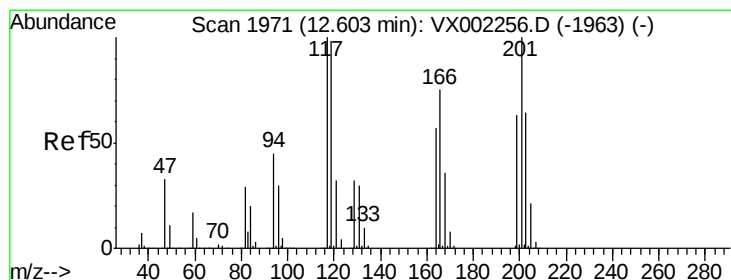
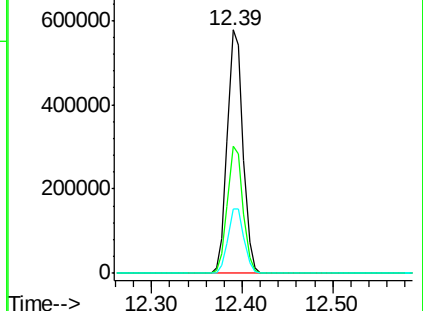
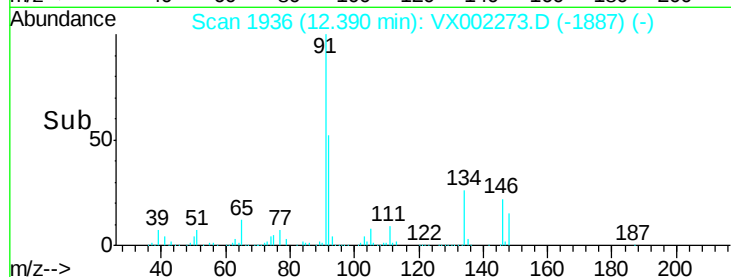


Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX002256.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX002256.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 48.63 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002273.D

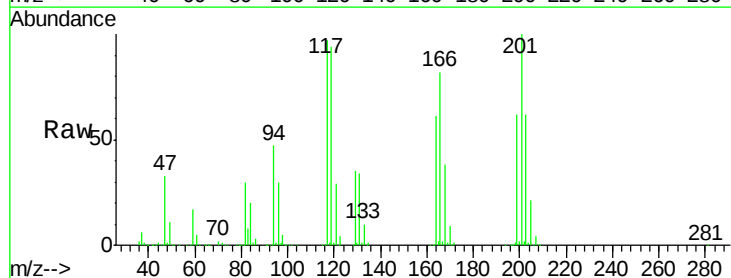
Acq: 04 Jun 2018 21:00

Tgt Ion: 117 Resp: 122422

Ion Ratio Lower Upper

117 100

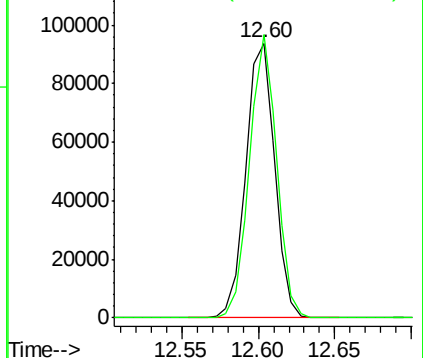
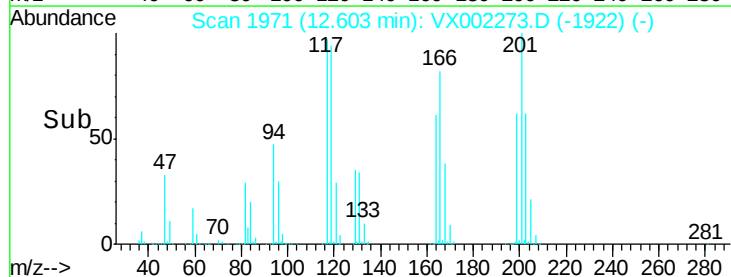
201 97.3 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX002256.D (-1963) (-)

Time-->

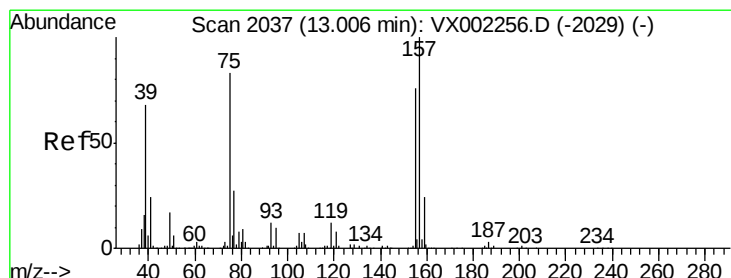
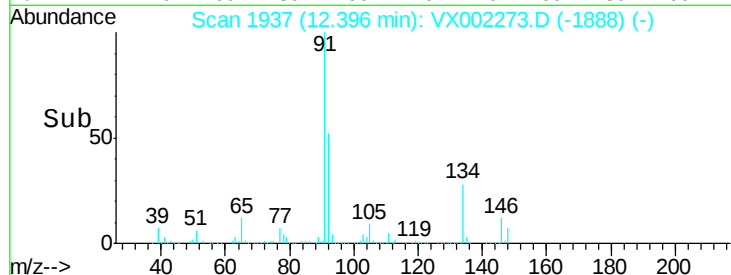
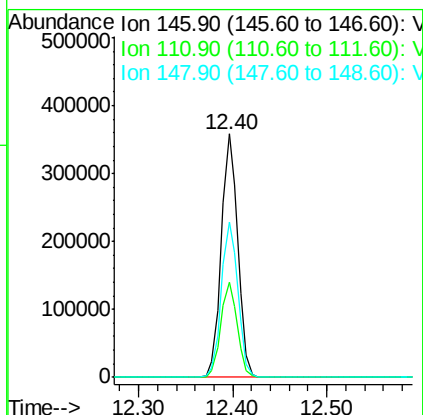
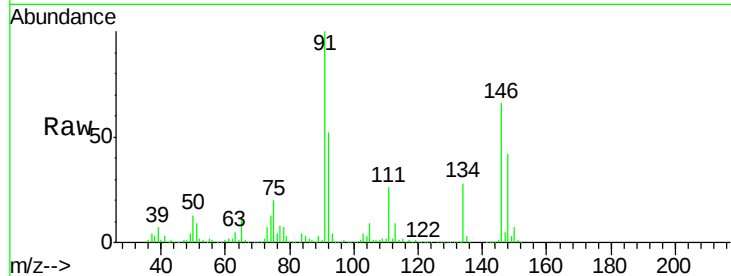




#91  
 1,2-Dichlorobenzene  
 Concen: 47.25 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

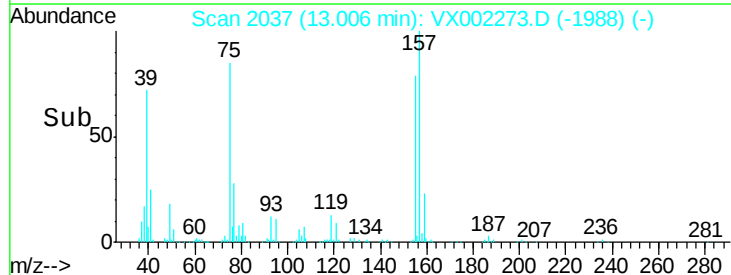
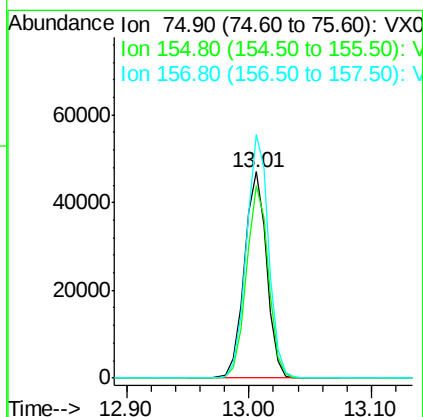
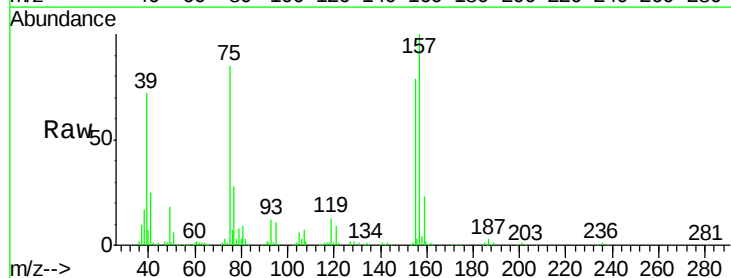
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

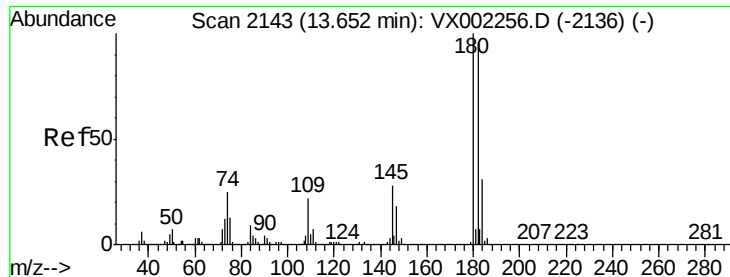
Tot Ion:146 Resp: 433915  
 Ion Ratio Lower Upper  
 146 100  
 111 38.8 19.4 58.1  
 148 64.4 31.7 95.1



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.64 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

Tgt Ion: 75 Resp: 59157  
 Ion Ratio Lower Upper  
 75 100  
 155 92.3 45.8 137.4  
 157 117.5 60.1 180.3

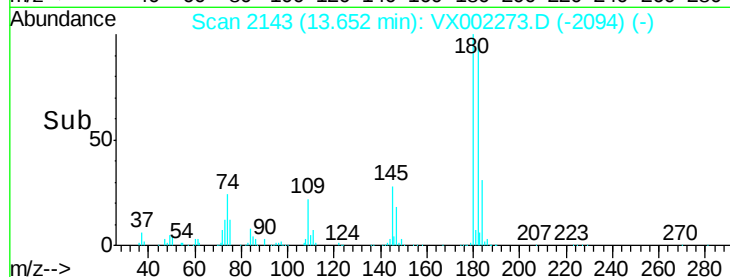
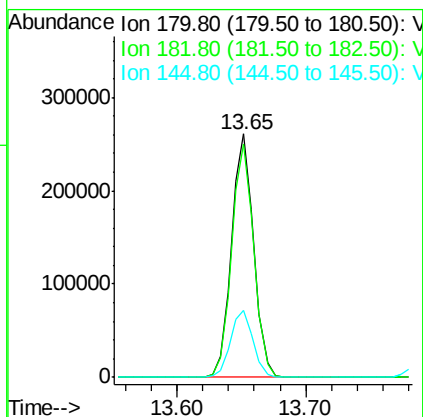
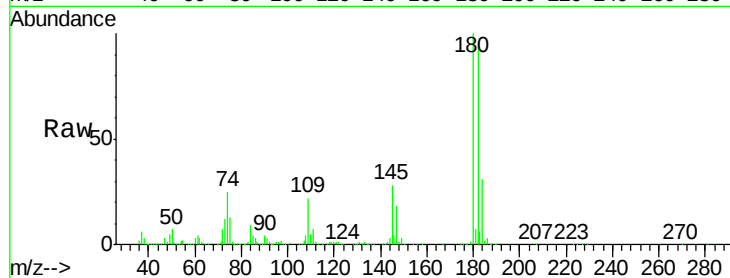




#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.60 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

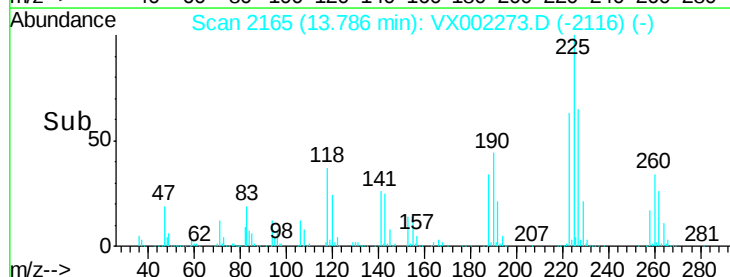
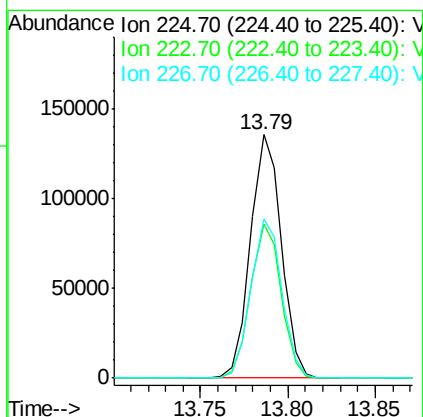
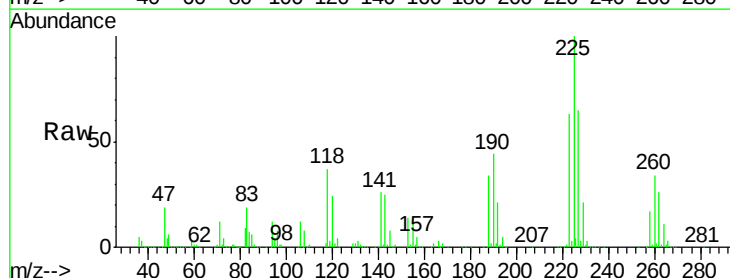
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

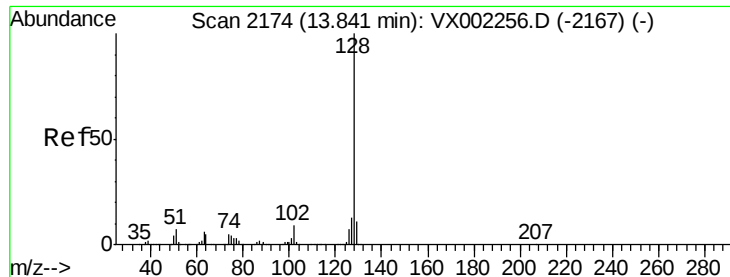
Tot Ion:180 Resp: 312972  
 Ion Ratio Lower Upper  
 180 100  
 182 96.0 47.7 143.1  
 145 28.0 14.1 42.4



#94  
 Hexachlorobutadiene  
 Concen: 52.44 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX002273.D  
 Acq: 04 Jun 2018 21:00

Tgt Ion:225 Resp: 166892  
 Ion Ratio Lower Upper  
 225 100  
 223 62.9 31.6 95.0  
 227 65.3 32.4 97.2





#95

Naphthalene

Concen: 48.94 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

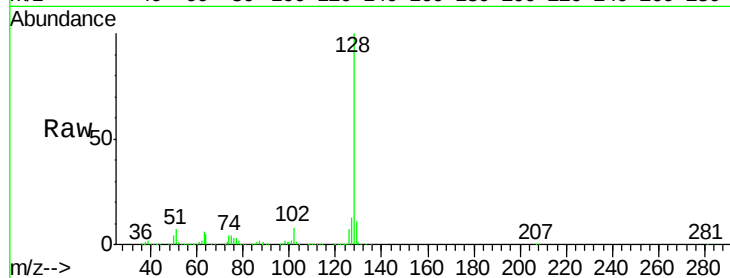
Tot Ion:128 Resp: 905523

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

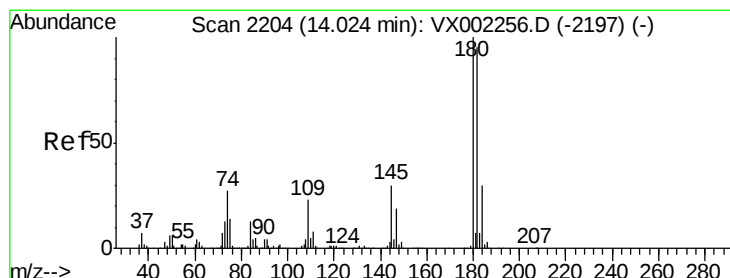
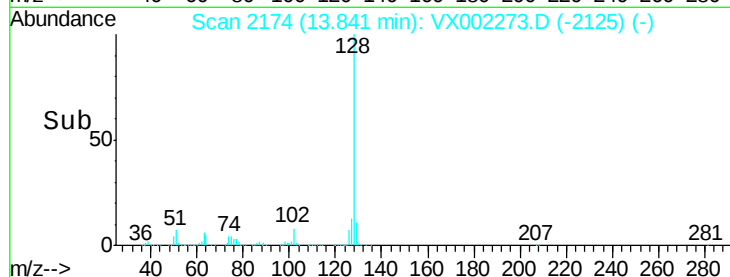
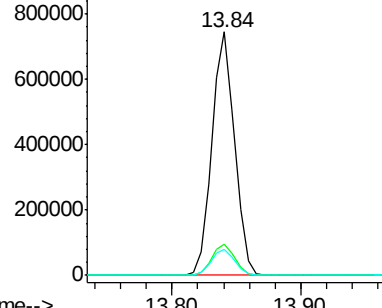
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.93 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

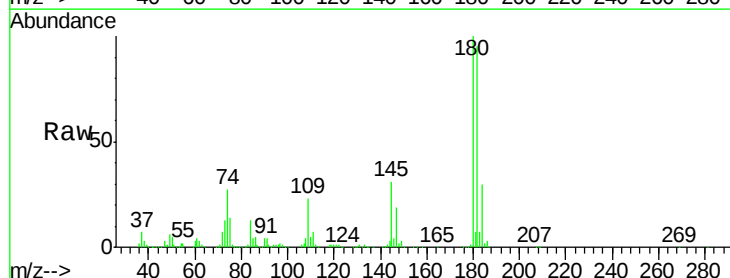
Tgt Ion:180 Resp: 321379

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.0

145 29.8 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

