

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\  
 Data File : VX002952.D  
 Acq On : 27 Jun 2018 22:41  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 28 06:01:30 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 14:38:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 270081   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 368084   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 352866   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 226306   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 182573   | 48.91 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.82%  |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 147664   | 50.66 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.32% |      |
| 50) Toluene-d8              | 8.72   | 98  | 532817   | 50.06 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.12% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 208424   | 50.77 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.54% |      |

| Target Compounds              |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 151769  | 63.02  | ug/l | 100    |
| 3) Chloromethane              | 1.32 | 50  | 148700  | 59.62  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 160935  | 52.69  | ug/l | 98     |
| 5) Bromomethane               | 1.64 | 94  | 89602   | 63.58  | ug/l | 100    |
| 6) Chloroethane               | 1.71 | 64  | 99873   | 55.99  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 255736  | 49.64  | ug/l | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 91002   | 48.59  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 144650  | 48.45  | ug/l | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 161855  | 53.03  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.08 | 59  | 175785  | 236.38 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 130353  | 48.94  | ug/l | 96     |
| 13) Acrolein                  | 2.29 | 56  | 89817   | 218.40 | ug/l | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 253343  | 48.25  | ug/l | 98     |
| 15) Acrylonitrile             | 3.15 | 53  | 393422  | 247.68 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 360883  | 233.43 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 359026  | 50.59  | ug/l | 97     |
| 18) Methyl Acetate            | 2.78 | 43  | 185613  | 42.94  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 456560  | 47.68  | ug/l | 100    |
| 20) Methylene Chloride        | 2.86 | 84  | 144787  | 48.13  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 139143  | 47.96  | ug/l | 99     |
| 22) Diisopropyl ether         | 3.87 | 45  | 494044  | 49.22  | ug/l | 94     |
| 23) Vinyl Acetate             | 3.83 | 43  | 2176445 | 256.10 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 265934  | 48.75  | ug/l | 100    |
| 25) 2-Butanone                | 4.71 | 43  | 571661  | 249.16 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 179296  | 40.42  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 158940  | 48.86  | ug/l | 93     |
| 28) Bromochloromethane        | 5.02 | 49  | 129892  | 49.75  | ug/l | 93     |
| 29) Tetrahydrofuran           | 5.17 | 42  | 367555  | 249.81 | ug/l | 97     |
| 30) Chloroform                | 5.22 | 83  | 276329  | 49.36  | ug/l | 97     |
| 31) Cyclohexane               | 5.58 | 56  | 239246  | 51.10  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 247292  | 50.21  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 203499  | 50.41  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.87 | 43  | 226150  | 52.03  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 222897  | 50.32  | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\  
 Data File : VX002952.D  
 Acq On : 27 Jun 2018 22:41  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 28 06:01:30 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 14:38:05 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 240112   | 51.07   | ug/l   | 97       |
| 40) Benzene                    | 6.15  | 78   | 600639   | 51.21   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 126371   | 50.49   | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 231879   | 48.94   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.47  | 43   | 361332   | 49.57   | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 174994   | 50.05   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 154995   | 49.82   | ug/l   | 100      |
| 46) Dibromomethane             | 7.67  | 93   | 106828   | 49.48   | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 202247   | 50.67   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 189997   | 50.59   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 73234    | 1002.24 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1182333  | 259.26  | ug/l   | 98       |
| 52) Toluene                    | 8.79  | 92   | 386702   | 51.47   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 231526   | 51.22   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.04  | 75   | 215195   | 49.48   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 155726   | 50.44   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 237851   | 52.71   | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 254362   | 50.16   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 554340   | 254.65  | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.50  | 43   | 902436   | 260.37  | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.59  | 129  | 165706   | 50.98   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 165941   | 51.24   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 195649   | 49.86   | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 444529   | 49.60   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 163431   | 50.20   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 756294   | 51.08   | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 592578   | 103.85  | ug/l   | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 286877   | 51.63   | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 482526   | 53.45   | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 129864   | 44.60   | ug/l   | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 787057   | 51.70   | ug/l   | 100      |
| 74) N-amyl acetate             | 6.47  | 43   | 361332   | 48.51   | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 231566   | 49.38   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 267995   | 65.38   | ug/l   | 80       |
| 77) Bromobenzene               | 11.26 | 156  | 216026   | 49.83   | ug/l   | 98       |
| 78) n-propylbenzene            | 11.37 | 91   | 895782   | 51.69   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 530225   | 50.54   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 667345   | 52.04   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 60633    | 43.39   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 628264   | 50.58   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 653932   | 51.75   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 684542   | 51.53   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 794735   | 51.84   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 719130   | 52.18   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 391967   | 49.50   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 397448   | 48.77   | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 610163   | 50.86   | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 105488   | 51.46   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 395130   | 49.44   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 52766    | 50.05   | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\  
Data File : VX002952.D  
Acq On : 27 Jun 2018 22:41  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 27 Sample Multiplier: 1

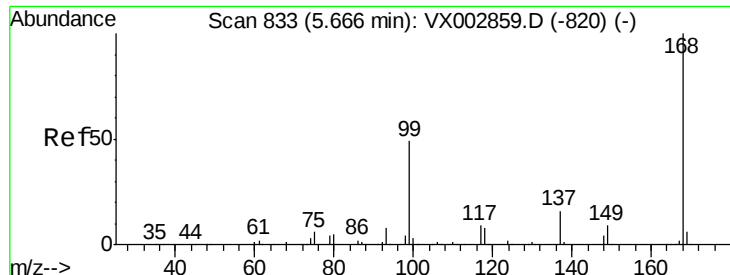
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Jun 28 06:01:30 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 25 14:38:05 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 288414   | 49.59 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 144560   | 49.83 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 813861   | 52.54 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 293232   | 50.47 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

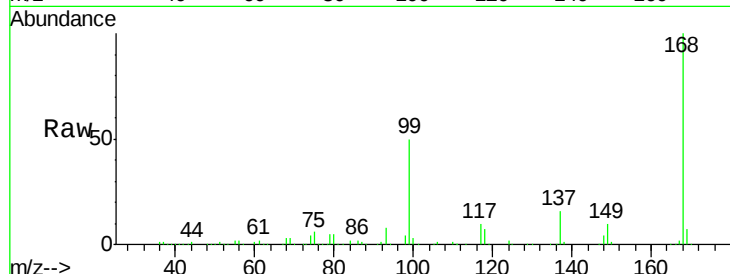
VSTDCCC050

Tot Ion:168 Resp: 270081

Ion Ratio Lower Upper

168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

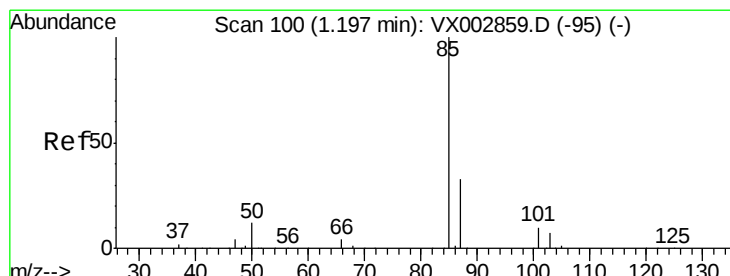
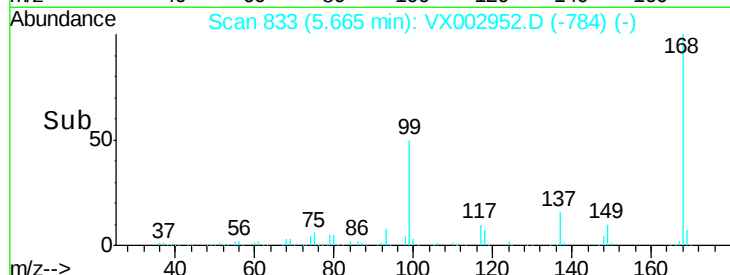
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 63.02 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002952.D

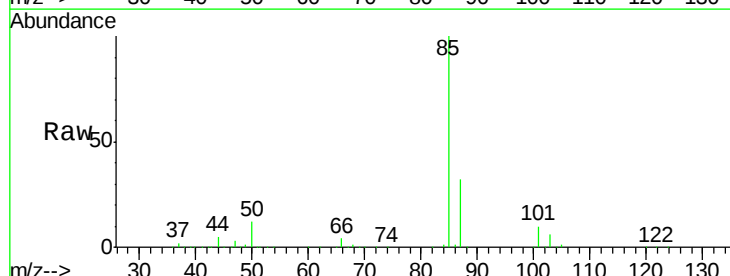
Acq: 27 Jun 2018 22:41

Tgt Ion: 85 Resp: 151769

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

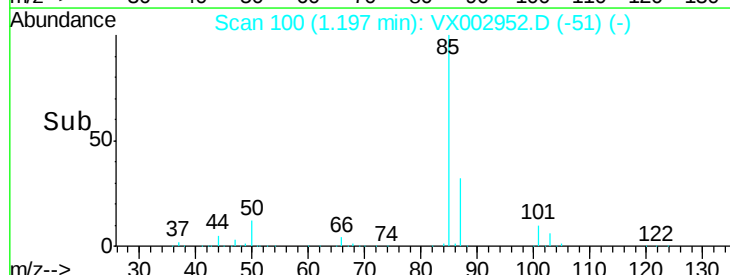
100000

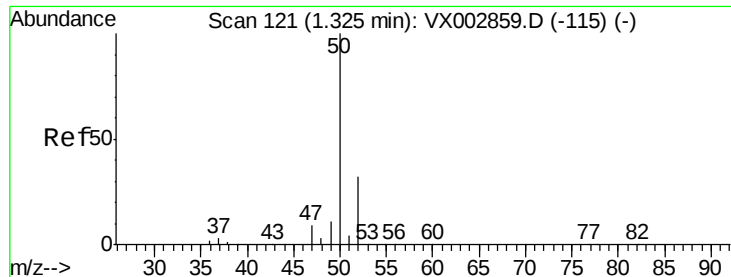
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 59.62 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

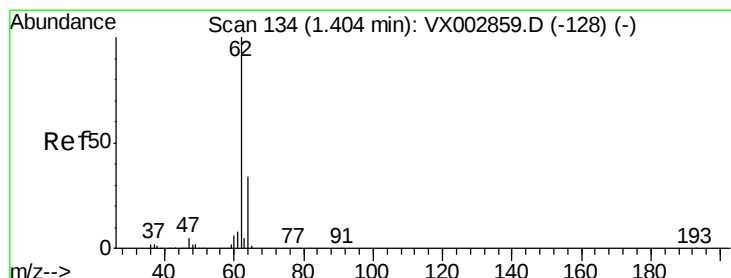
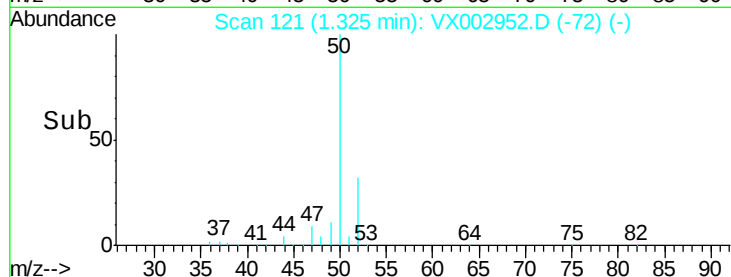
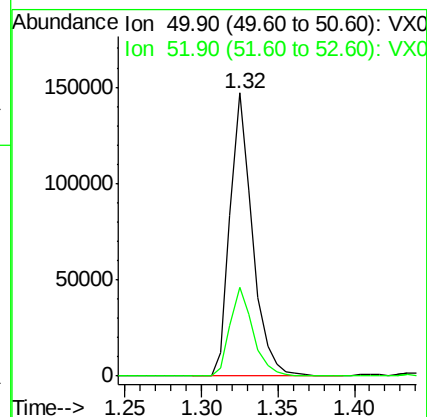
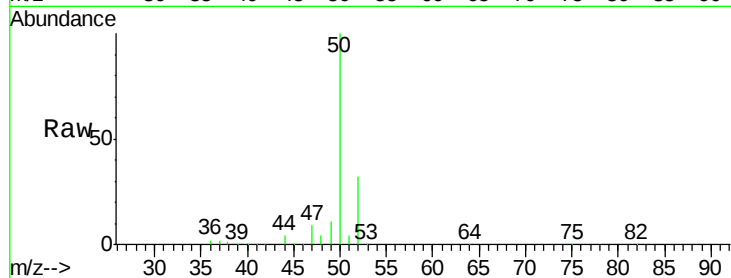
VSTDCCC050

Tot Ion: 50 Resp: 148700

Ion Ratio Lower Upper

50 100

52 31.5 25.7 38.5



#4

Vinyl Chloride

Concen: 52.69 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002952.D

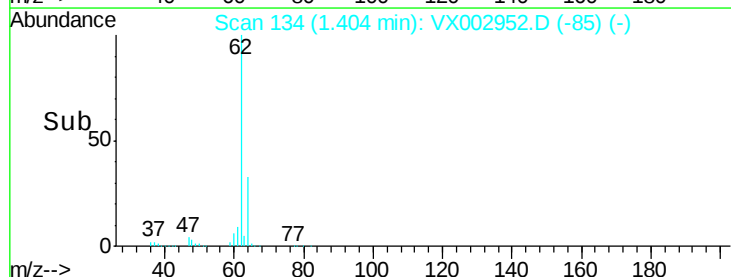
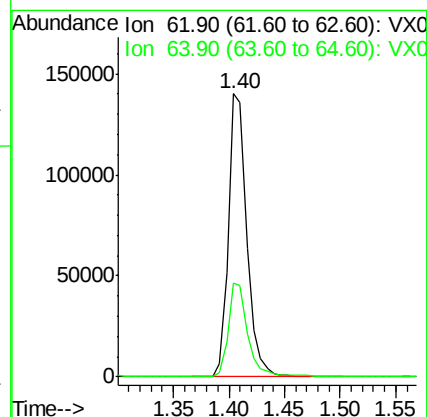
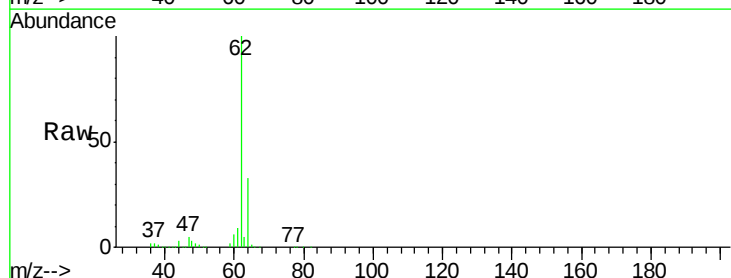
Acq: 27 Jun 2018 22:41

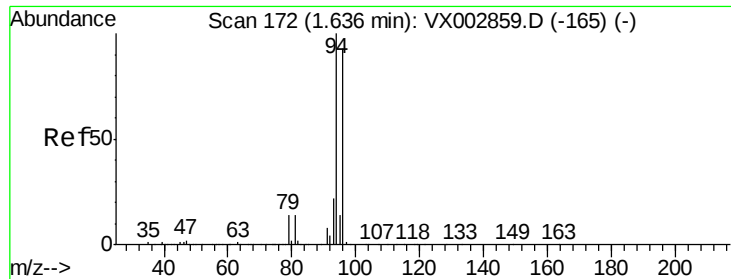
Tgt Ion: 62 Resp: 160935

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.2





#5

Bromomethane

Concen: 63.58 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampled :

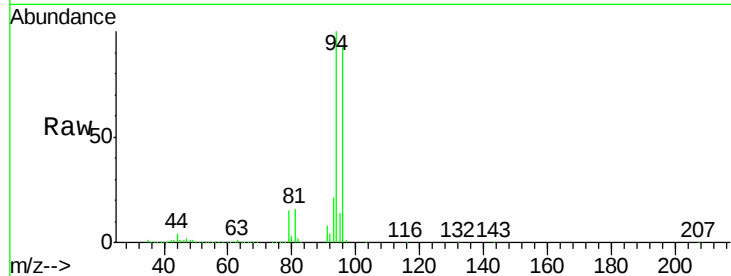
VSTDCCC050

Tot Ion: 94 Resp: 89602

Ion Ratio Lower Upper

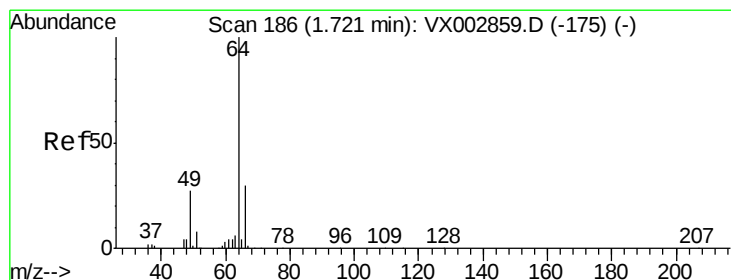
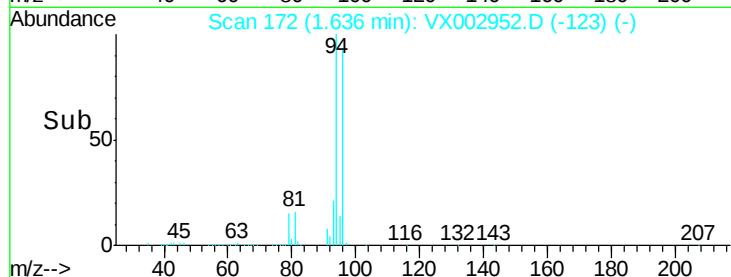
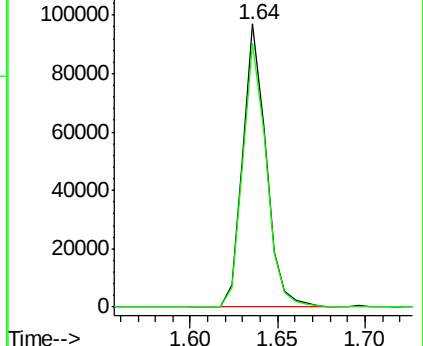
94 100

96 93.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.99 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002952.D

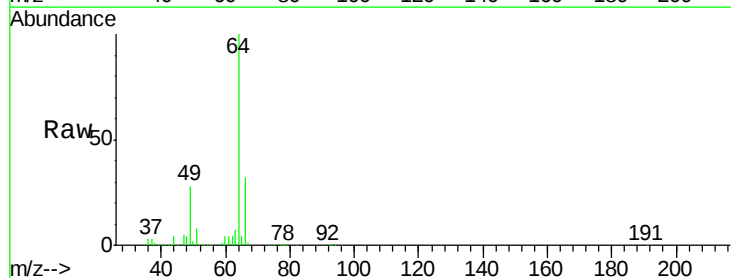
Acq: 27 Jun 2018 22:41

Tgt Ion: 64 Resp: 99873

Ion Ratio Lower Upper

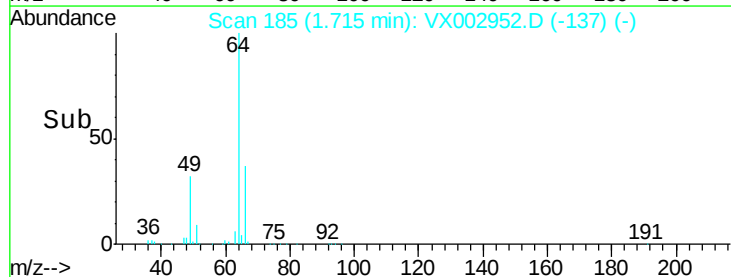
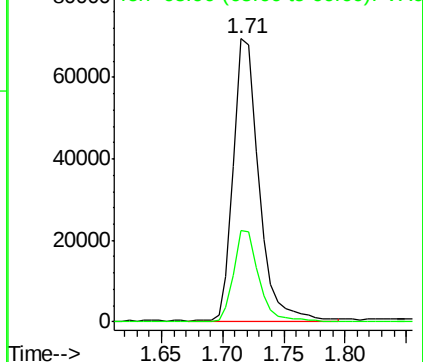
64 100

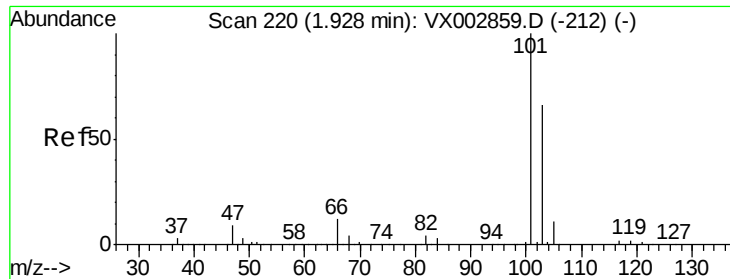
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



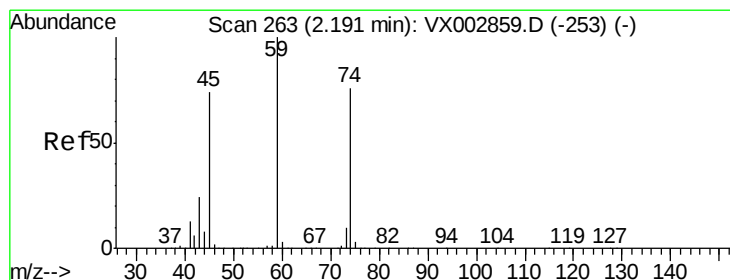
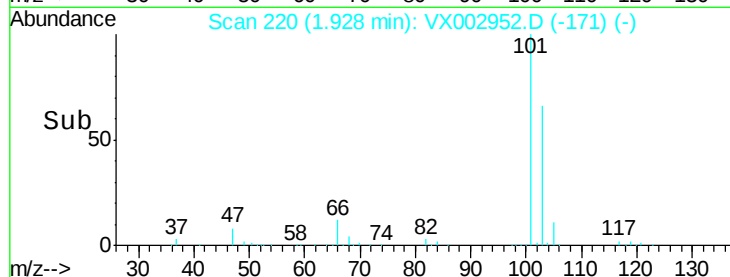
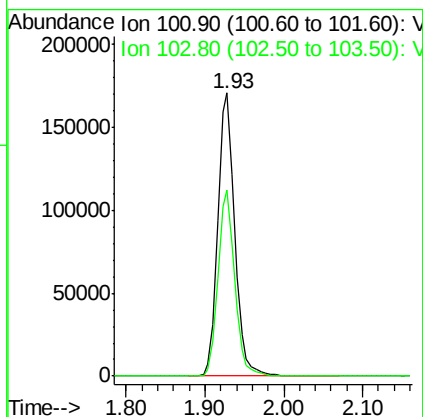
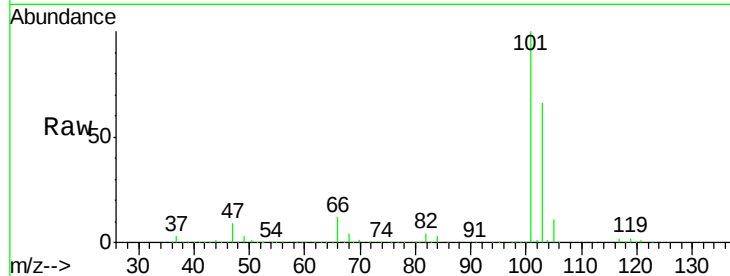


#7

Trichlorofluoromethane  
 Concen: 49.64 ug/l  
 RT: 1.93 min Scan# 220  
 Delta R.T. -0.00 min  
 Lab File: VX002952.D  
 Acq: 27 Jun 2018 22:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

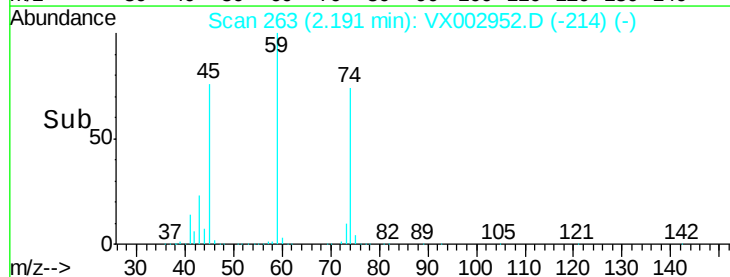
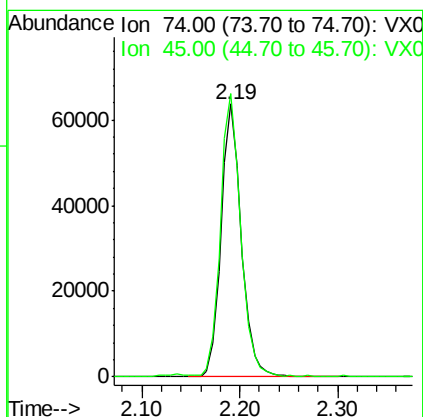
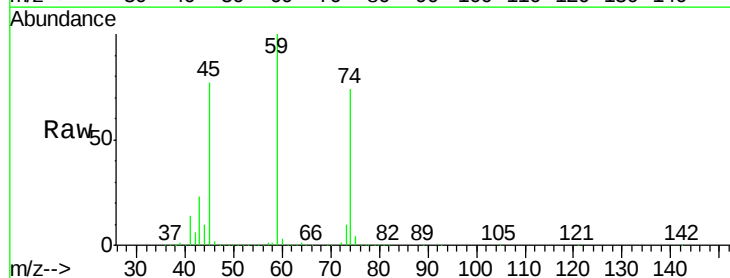
Tot Ion:101 Resp: 255736  
 Ion Ratio Lower Upper  
 101 100  
 103 65.6 52.8 79.2

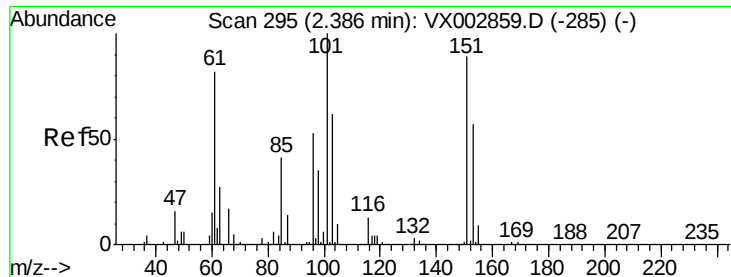


#8

Diethyl Ether  
 Concen: 48.59 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. -0.00 min  
 Lab File: VX002952.D  
 Acq: 27 Jun 2018 22:41

Tgt Ion: 74 Resp: 91002  
 Ion Ratio Lower Upper  
 74 100  
 45 103.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.45 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

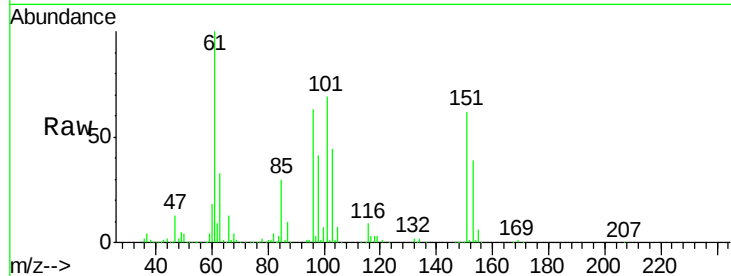
Tot Ion:101 Resp: 144650

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

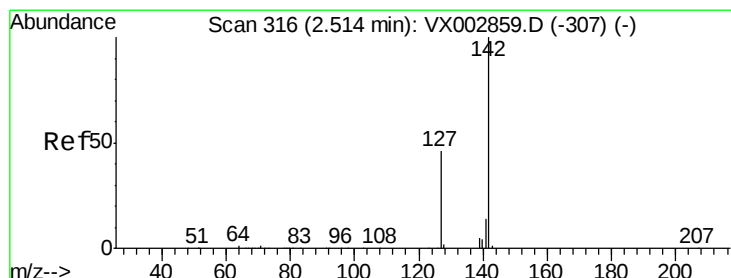
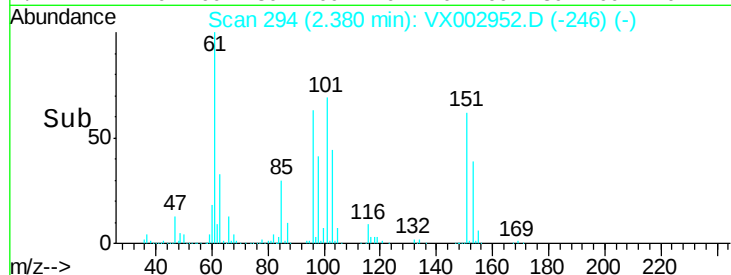
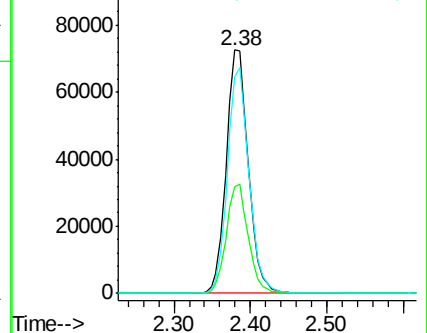
151 90.7 70.9 106.3



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: 53.03 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

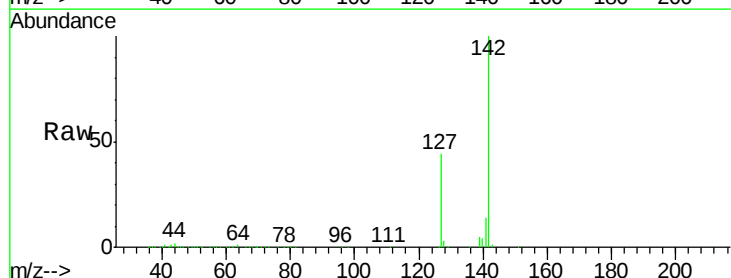
Tgt Ion:142 Resp: 161855

Ion Ratio Lower Upper

142 100

127 45.2 36.6 55.0

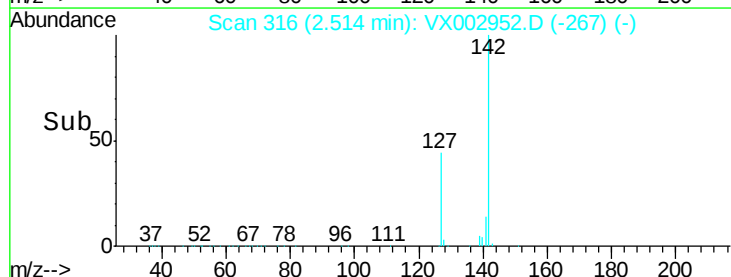
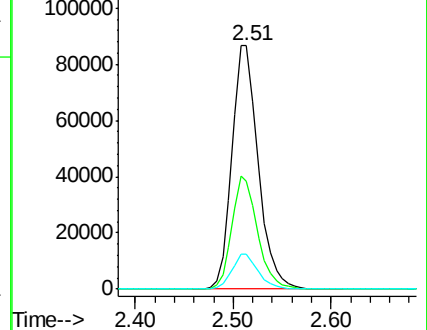
141 14.3 11.3 16.9

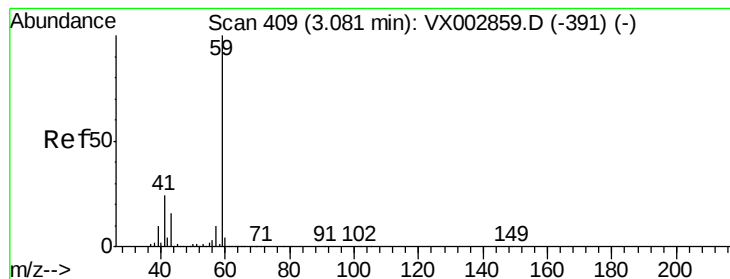


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



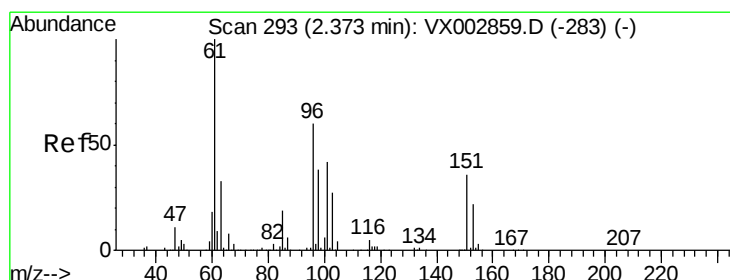
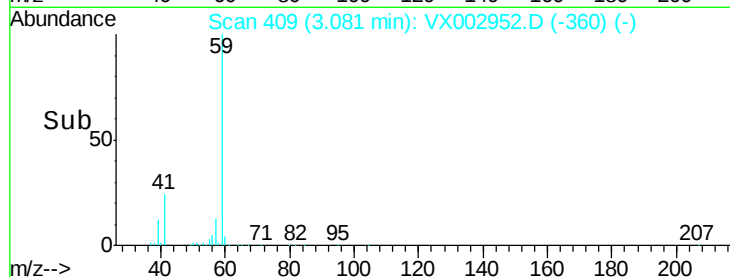
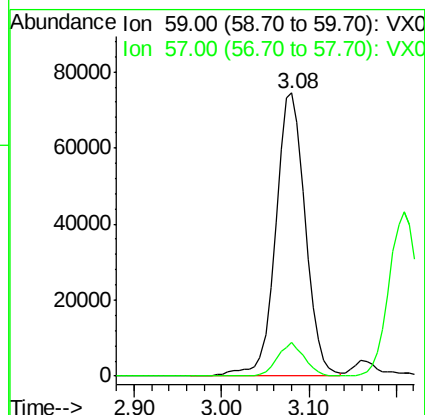
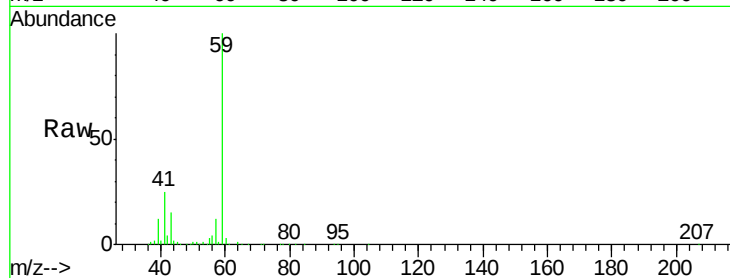


#11

Tert butyl alcohol  
Concen: 236.38 ug/l  
RT: 3.08 min Scan# 409  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

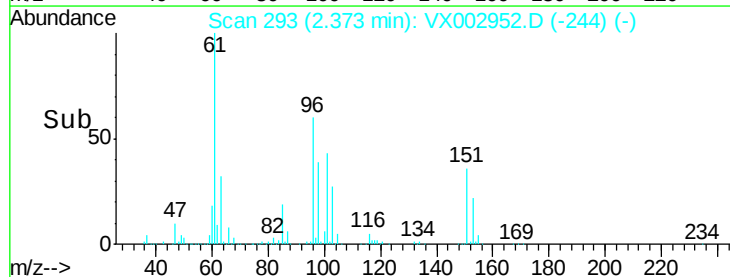
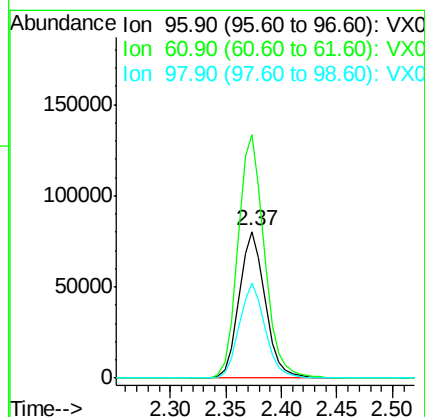
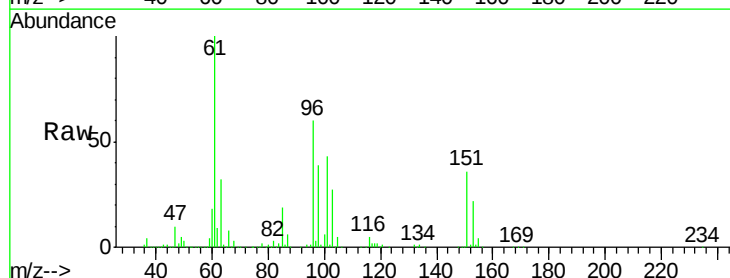
Tot Ion: 59 Resp: 175785  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.2 12.2

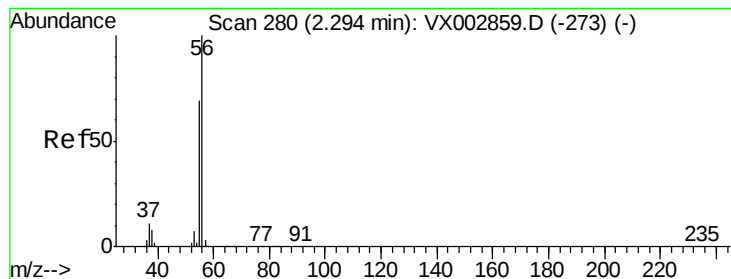


#12

1,1-Dichloroethene  
Concen: 48.94 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Tgt Ion: 96 Resp: 130353  
Ion Ratio Lower Upper  
96 100  
61 165.9 137.9 206.9  
98 65.0 51.6 77.4





#13

Acrolein

Concen: 218.40 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

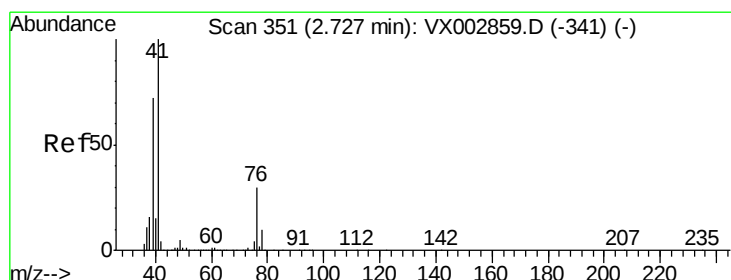
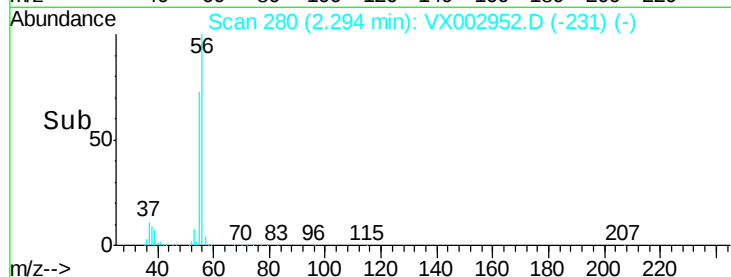
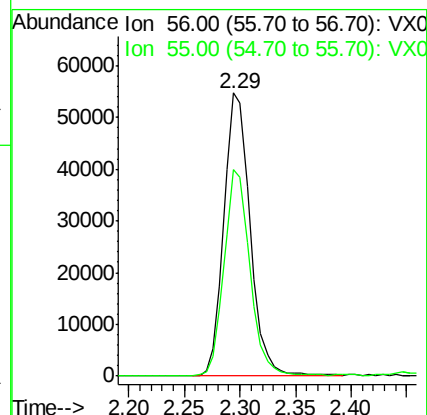
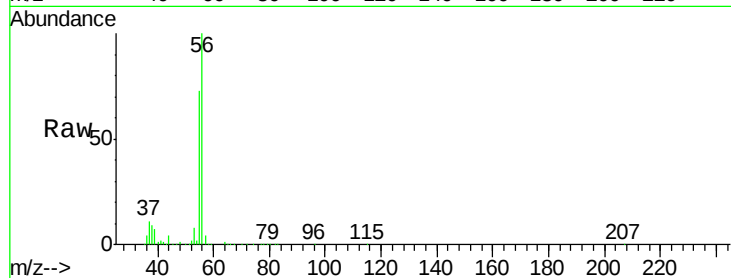
VSTDCCC050

Tot Ion: 56 Resp: 89817

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 48.25 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

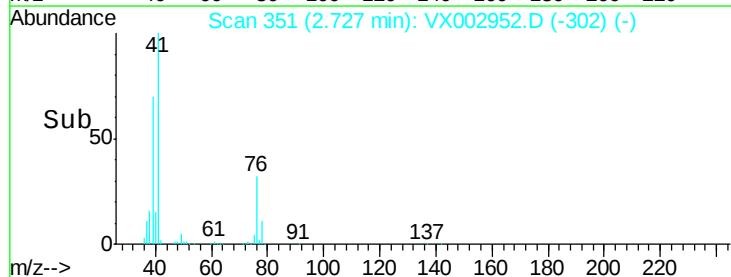
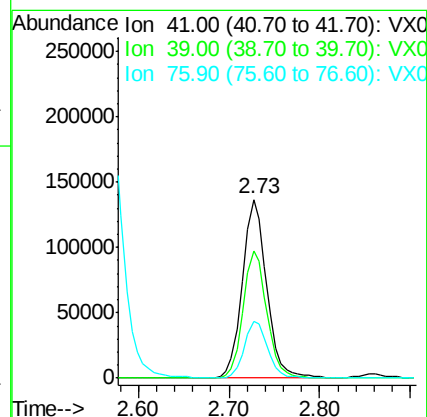
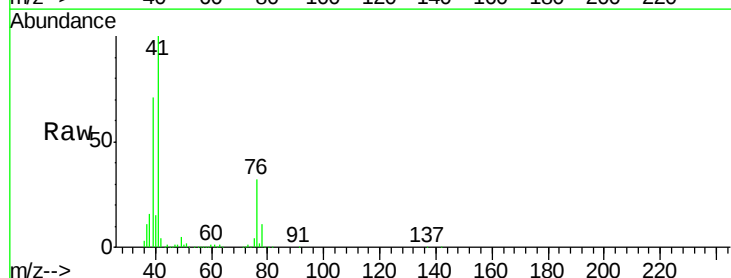
Tgt Ion: 41 Resp: 253343

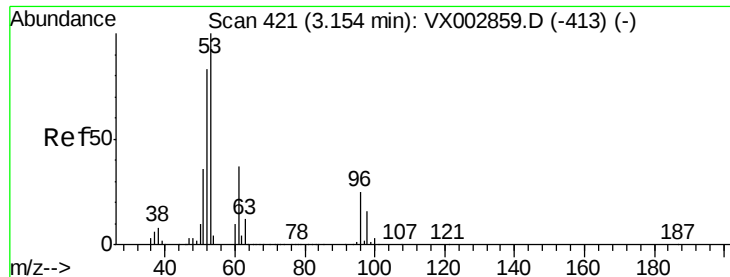
Ion Ratio Lower Upper

41 100

39 69.3 56.8 85.2

76 30.6 23.8 35.8





#15

Acrylonitrile

Concen: 247.68 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

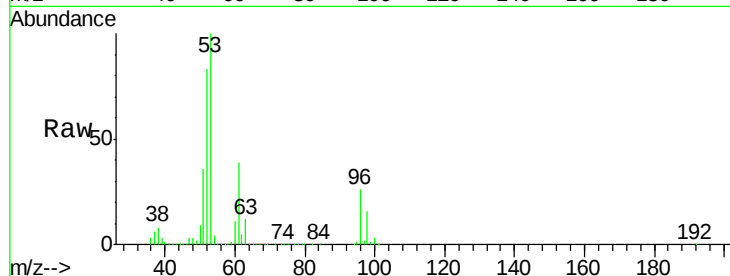
Tot Ion: 53 Resp: 393422

Ion Ratio Lower Upper

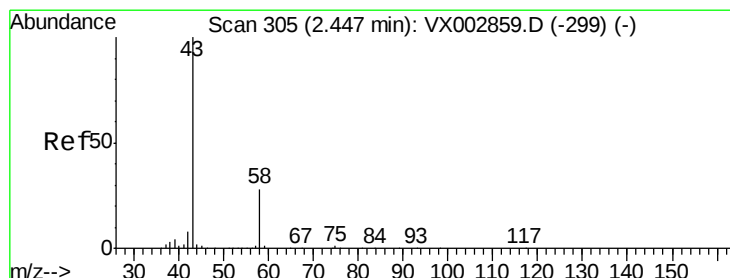
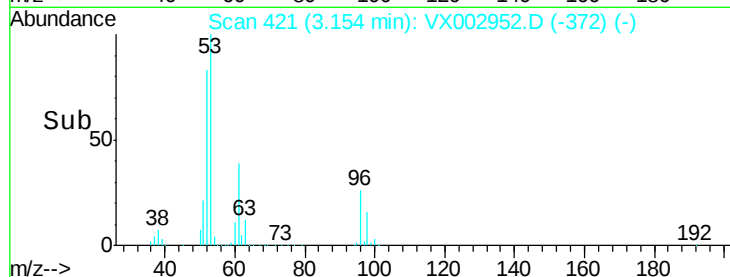
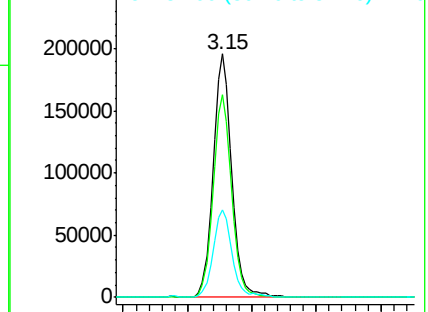
53 100

52 83.0 66.7 100.1

51 36.3 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: 233.43 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX002952.D

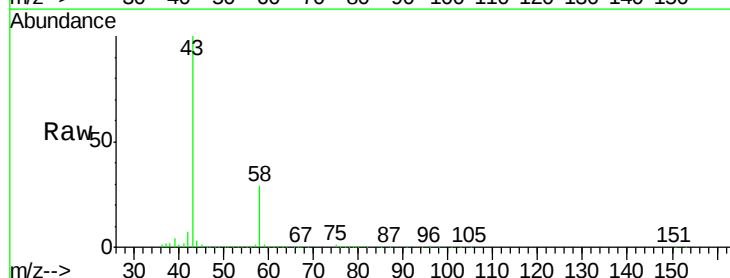
Acq: 27 Jun 2018 22:41

Tgt Ion: 43 Resp: 360883

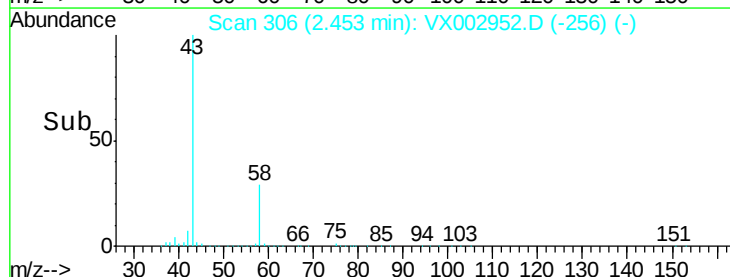
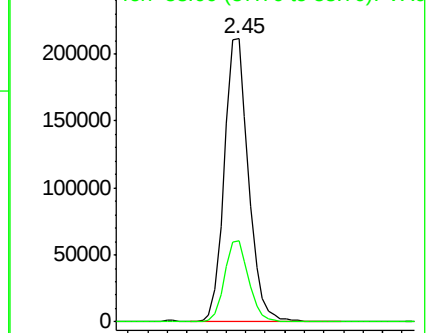
Ion Ratio Lower Upper

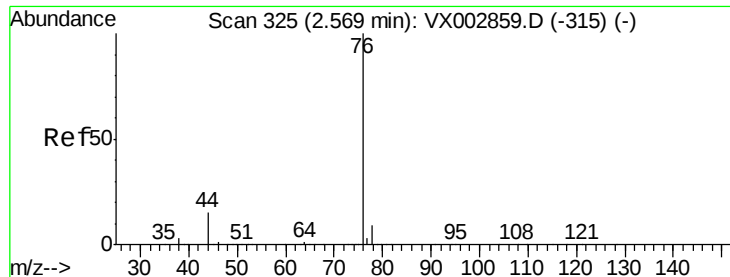
43 100

58 28.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

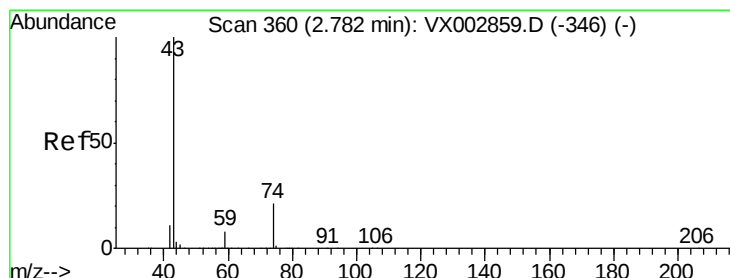
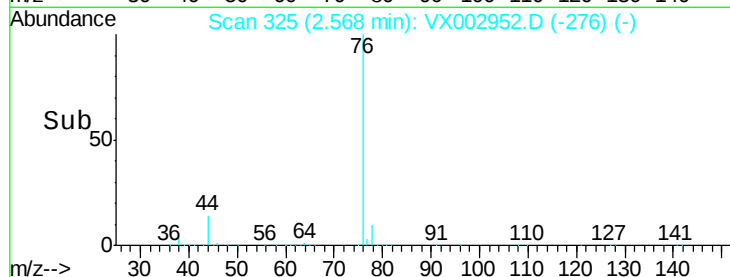
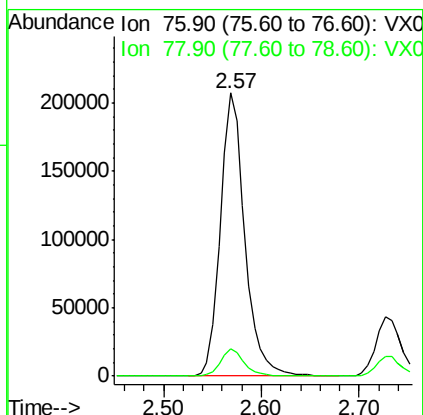
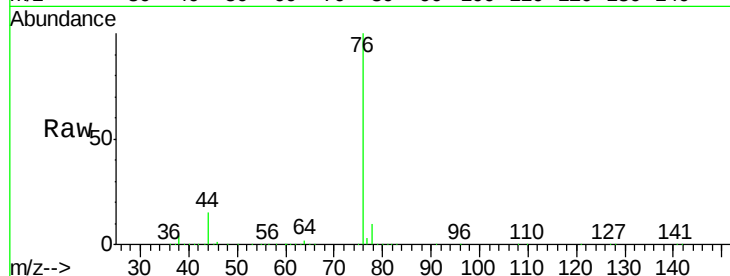




#17  
Carbon Disulfide  
Concen: 50.59 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

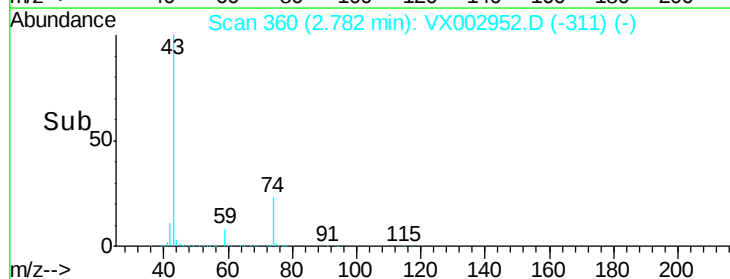
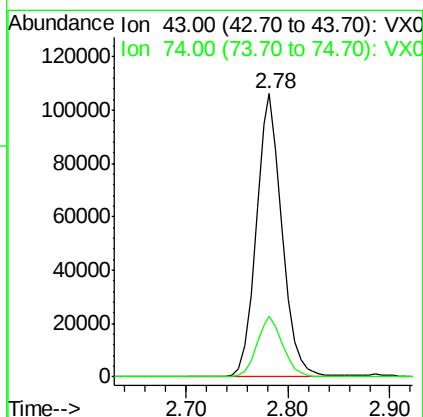
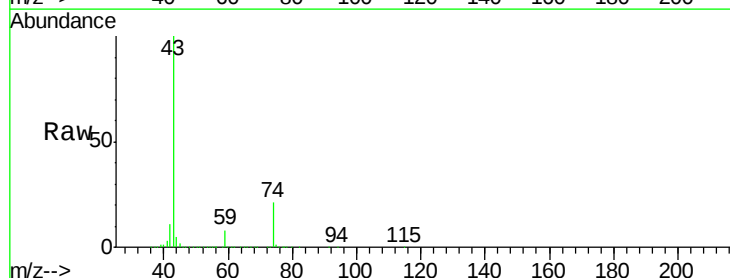
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

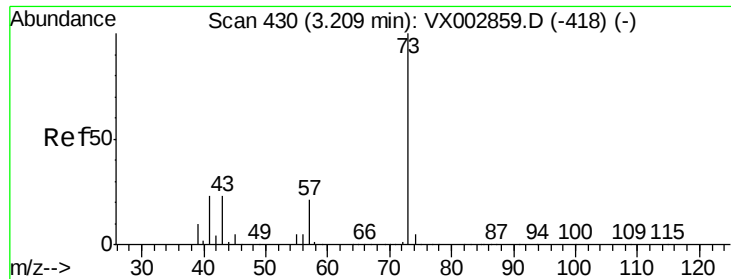
Tot Ion: 76 Resp: 359026  
Ion Ratio Lower Upper  
76 100  
78 9.6 6.9 10.3



#18  
Methyl Acetate  
Concen: 42.94 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Tgt Ion: 43 Resp: 185613  
Ion Ratio Lower Upper  
43 100  
74 21.1 16.7 25.1

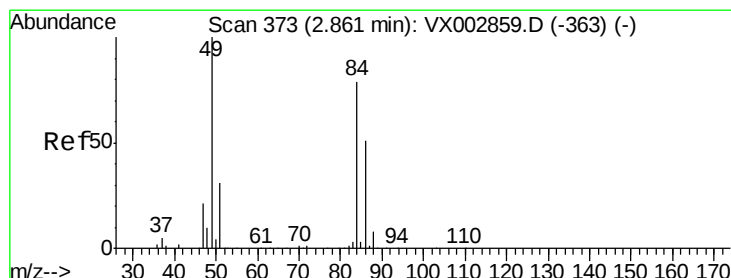
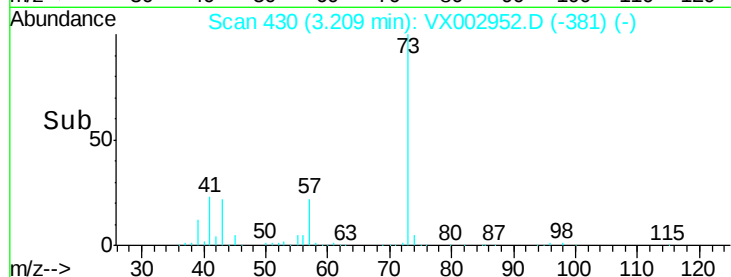
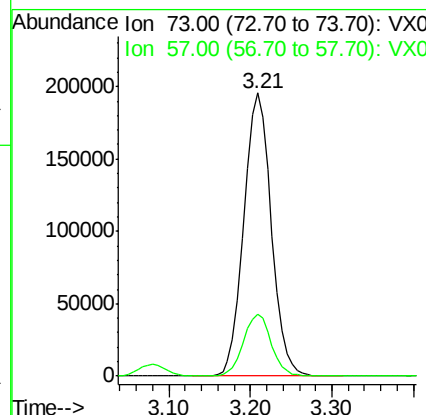
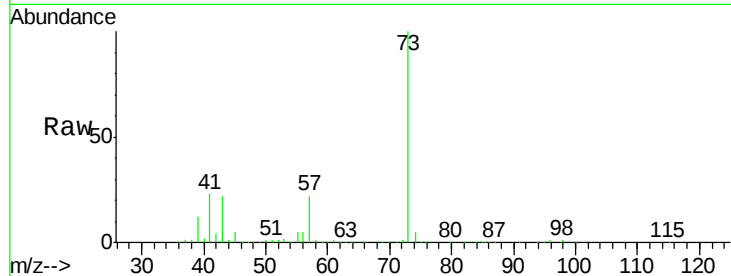




#19  
Methyl tert-butyl Ether  
Concen: 47.68 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

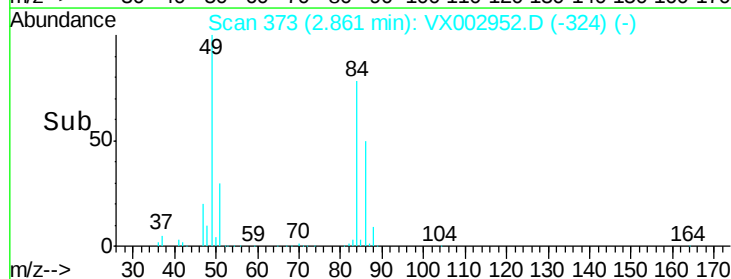
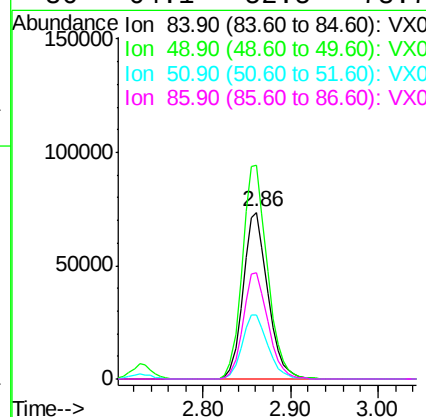
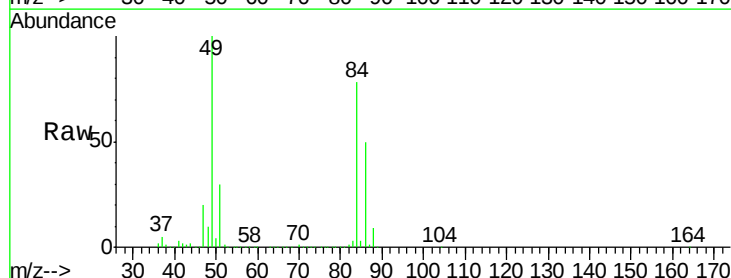
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

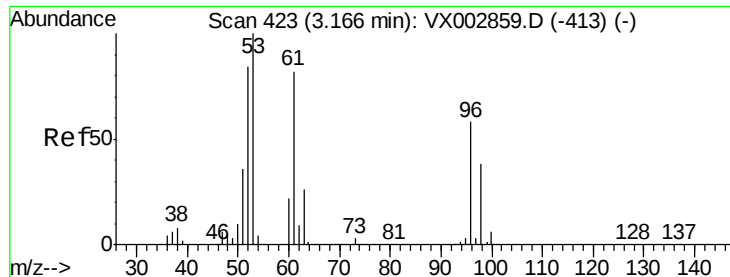
Tot Ion: 73 Resp: 456560  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.7 26.5



#20  
Methylene Chloride  
Concen: 48.13 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Tgt Ion: 84 Resp: 144787  
Ion Ratio Lower Upper  
84 100  
49 128.2 107.8 161.6  
51 38.5 32.8 49.2  
86 64.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.96 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

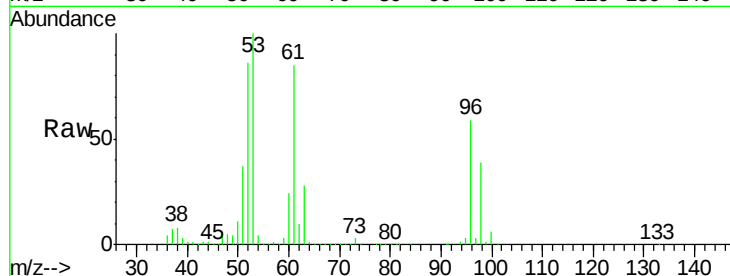
Tot Ion: 96 Resp: 139143

Ion Ratio Lower Upper

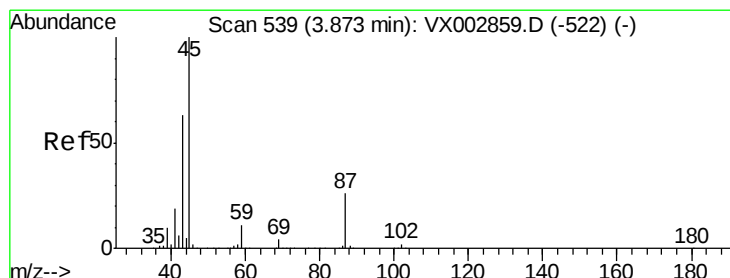
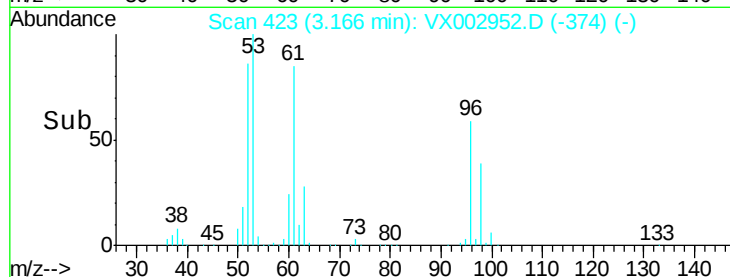
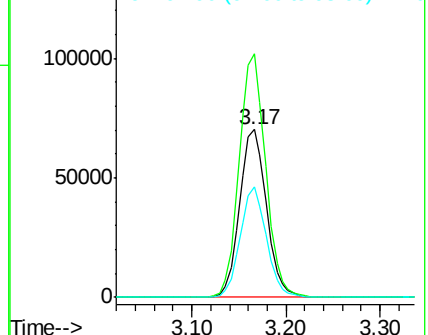
96 100

61 145.1 117.0 175.4

98 65.9 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: 49.22 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Tgt Ion: 45 Resp: 494044

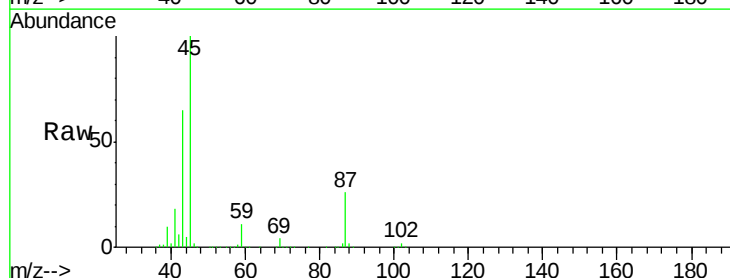
Ion Ratio Lower Upper

45 100

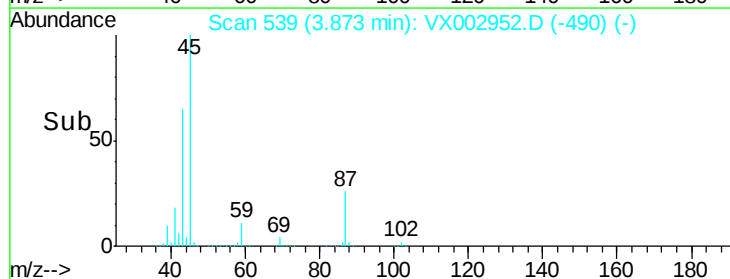
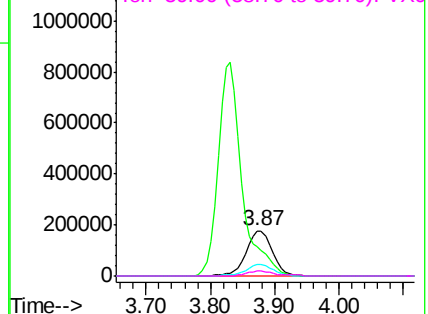
43 64.9 46.8 70.2

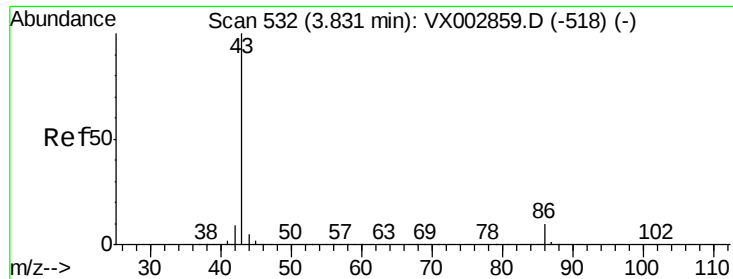
87 26.4 20.2 30.4

59 10.5 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: 256.10 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

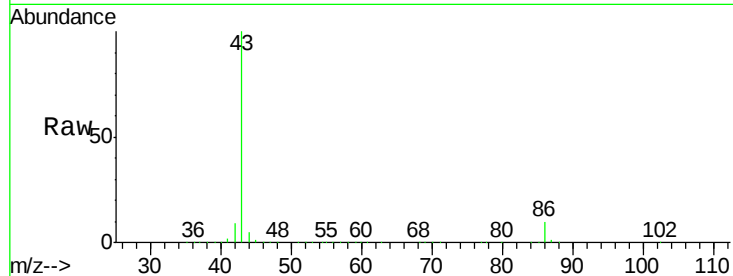
VSTDCCC050

Tot Ion: 43 Resp: 2176445

Ion Ratio Lower Upper

43 100

86 9.6 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

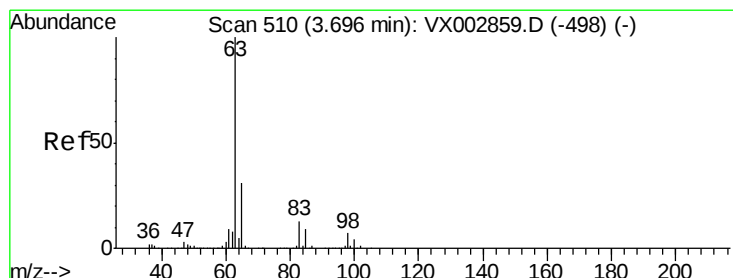
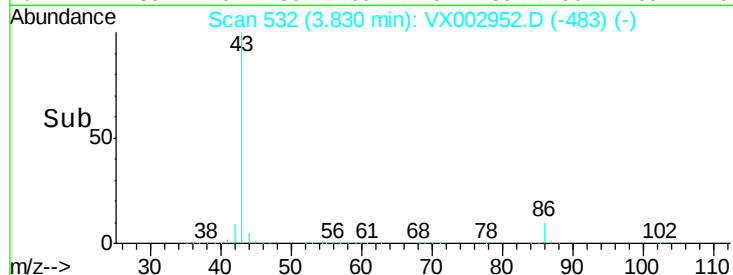
400000

200000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 48.75 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

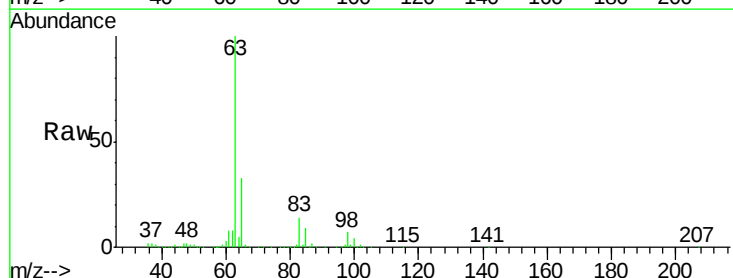
Tgt Ion: 63 Resp: 265934

Ion Ratio Lower Upper

63 100

98 6.7 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

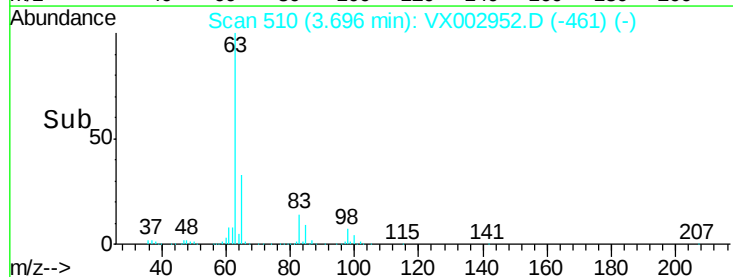
100000

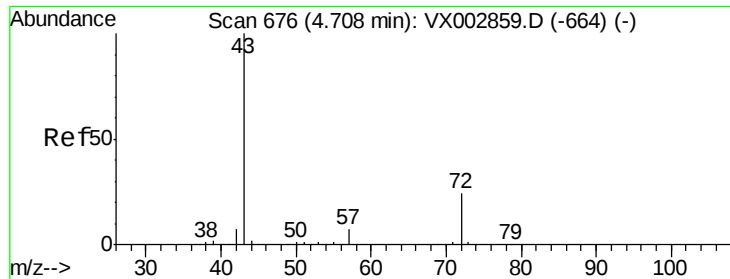
50000

0

3.50 3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 249.16 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

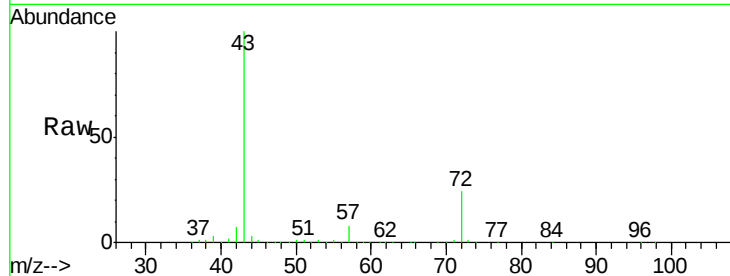
VSTDCCC050

Tot Ion: 43 Resp: 571661

Ion Ratio Lower Upper

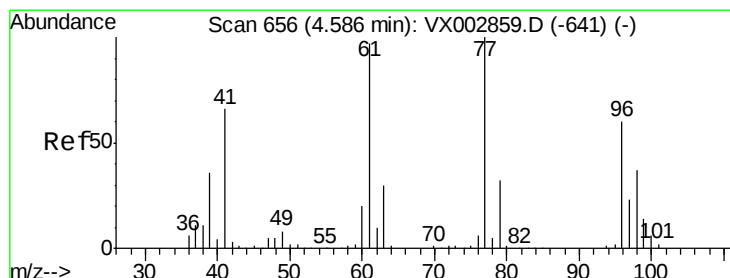
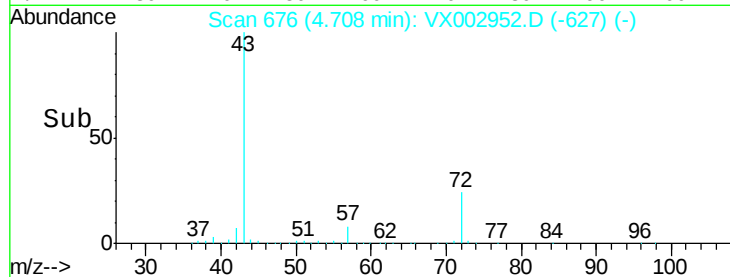
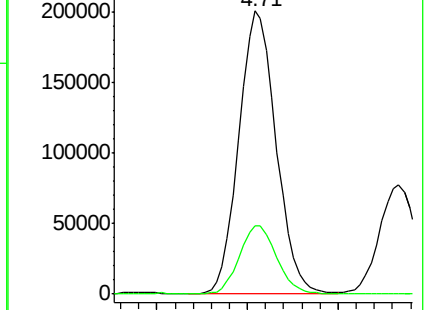
43 100

72 24.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.42 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002952.D

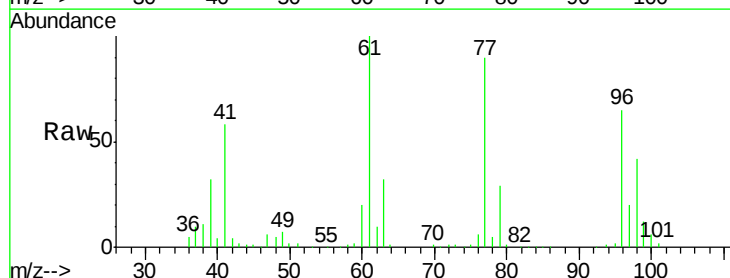
Acq: 27 Jun 2018 22:41

Tgt Ion: 77 Resp: 179296

Ion Ratio Lower Upper

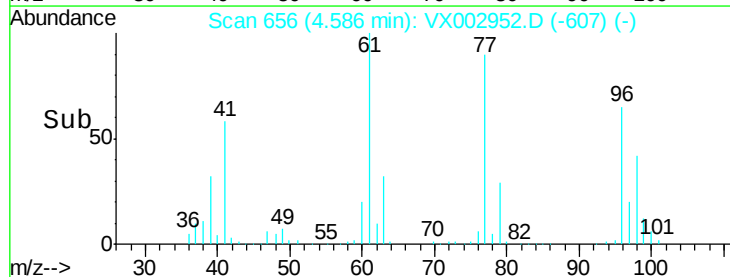
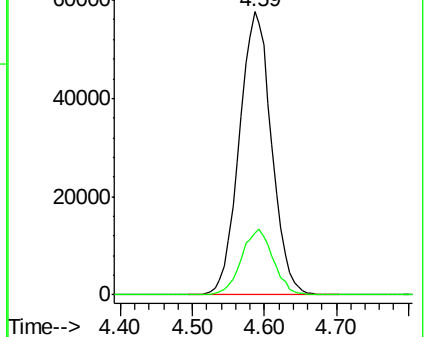
77 100

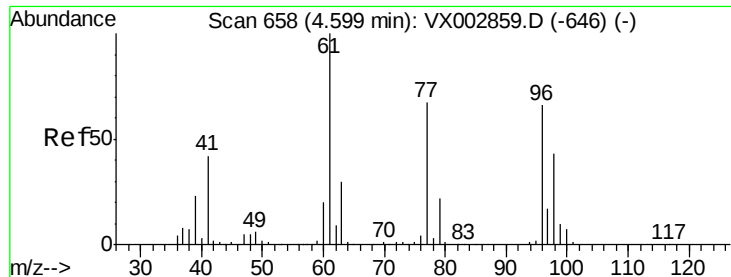
97 23.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 48.86 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

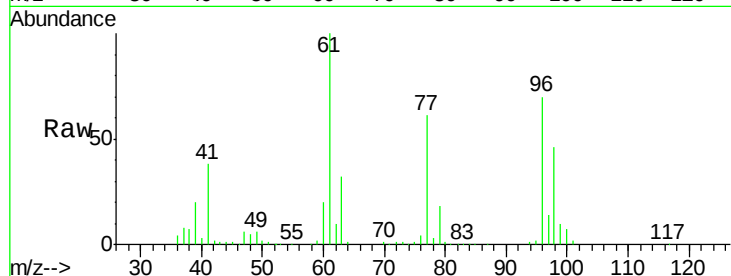
Tot Ion: 96 Resp: 158940

Ion Ratio Lower Upper

96 100

61 152.8 0.0 330.2

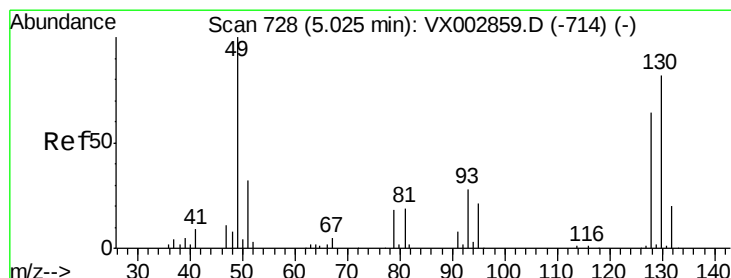
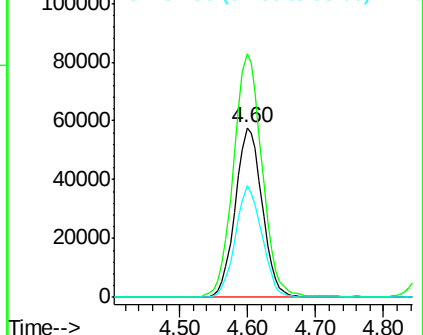
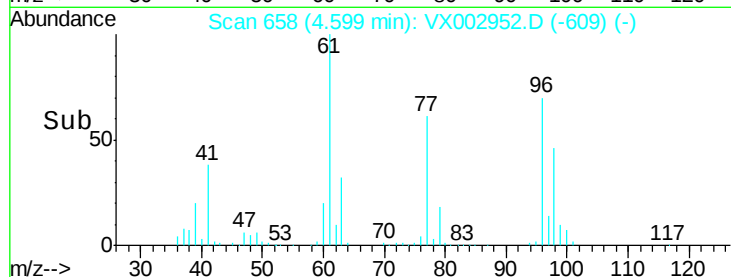
98 64.9 0.0 130.2



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: 49.75 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

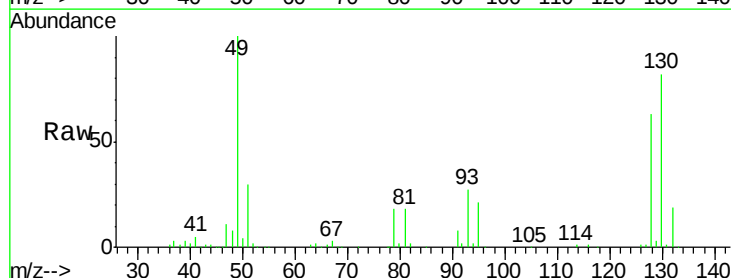
Tgt Ion: 49 Resp: 129892

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

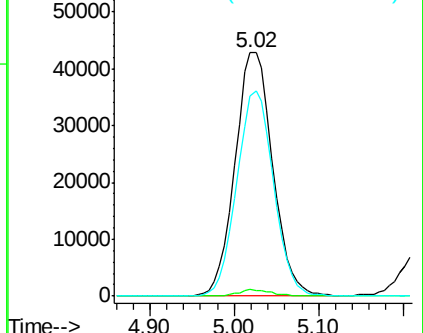
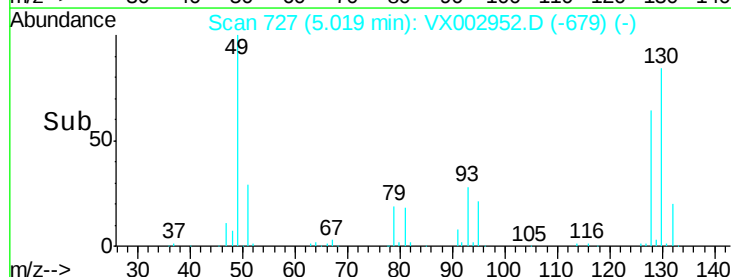
130 82.2 61.2 91.8

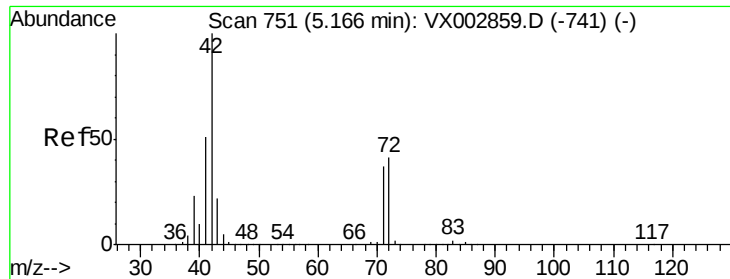


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

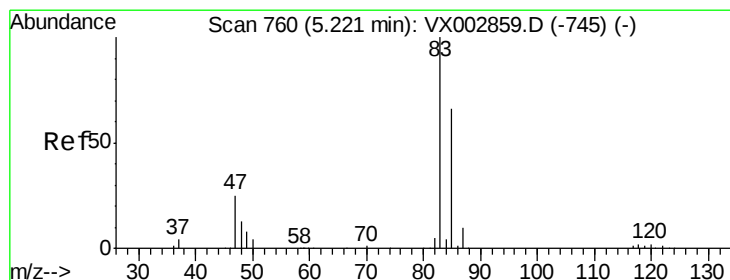
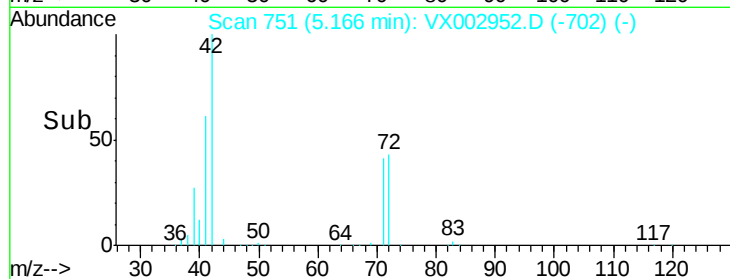
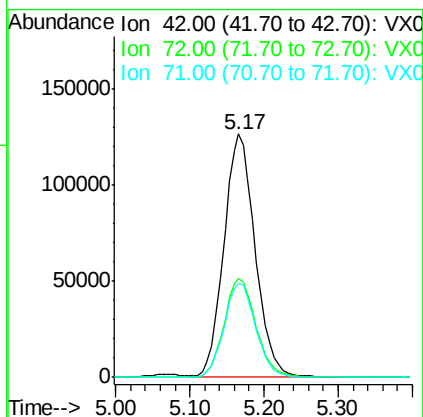
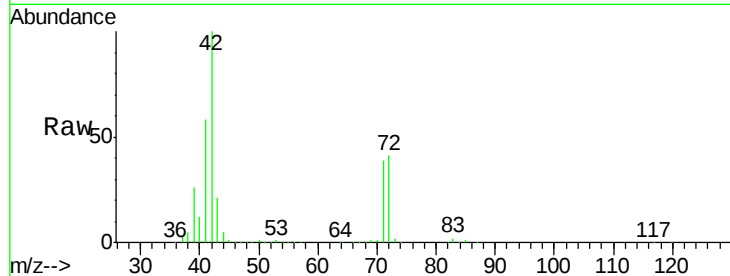




#29  
Tetrahydrofuran  
Concen: 249.81 ug/l  
RT: 5.17 min Scan# 751  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

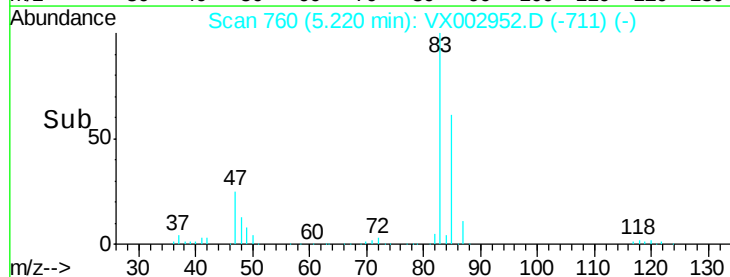
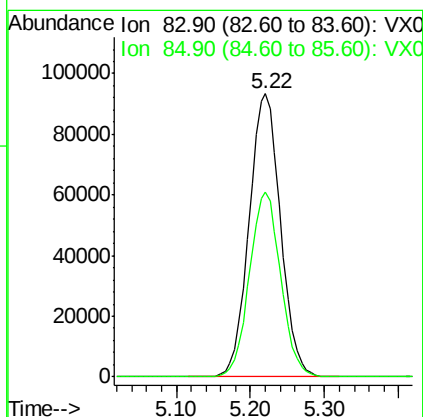
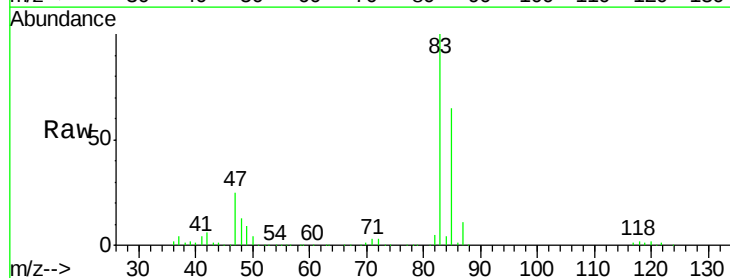
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

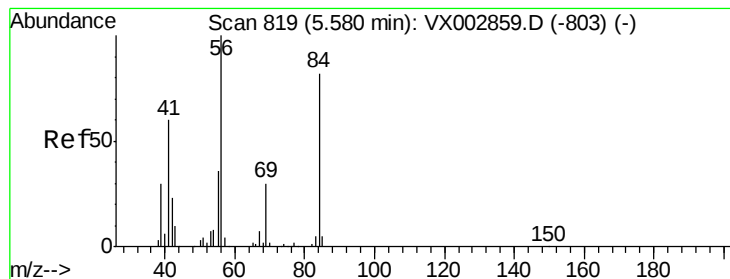
Tot Ion: 42 Resp: 367555  
Ion Ratio Lower Upper  
42 100  
72 41.8 32.0 48.0  
71 39.3 30.1 45.1



#30  
Chloroform  
Concen: 49.36 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Tgt Ion: 83 Resp: 276329  
Ion Ratio Lower Upper  
83 100  
85 65.4 50.4 75.6





#31

Cyclohexane

Concen: 51.10 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

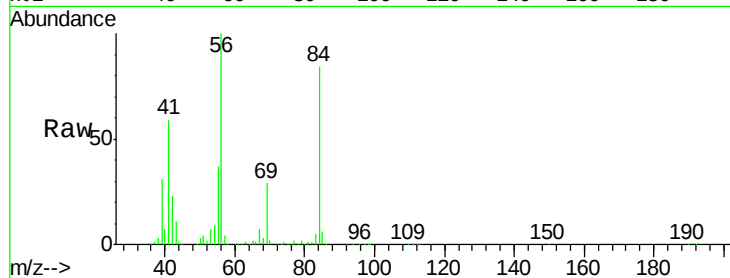
Tot Ion: 56 Resp: 239246

Ion Ratio Lower Upper

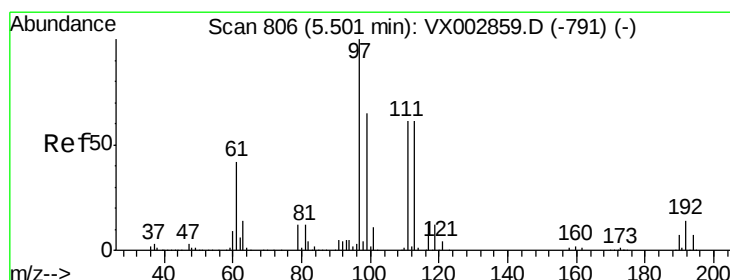
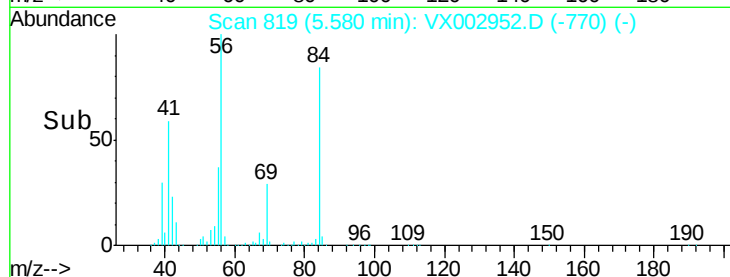
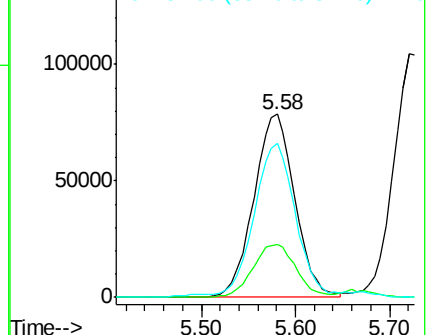
56 100

69 29.0 23.7 35.5

84 82.8 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.21 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

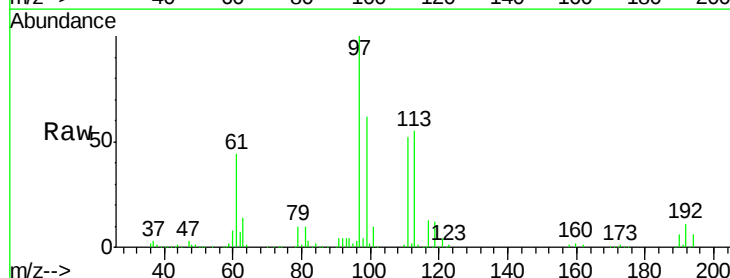
Tgt Ion: 97 Resp: 247292

Ion Ratio Lower Upper

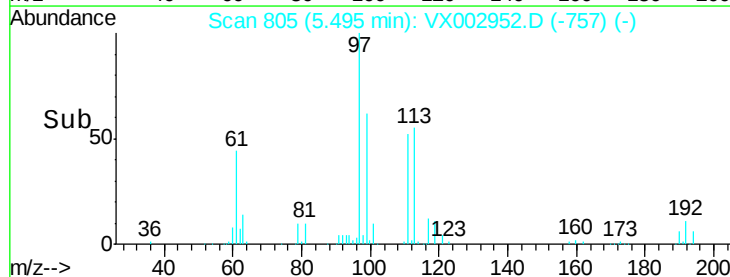
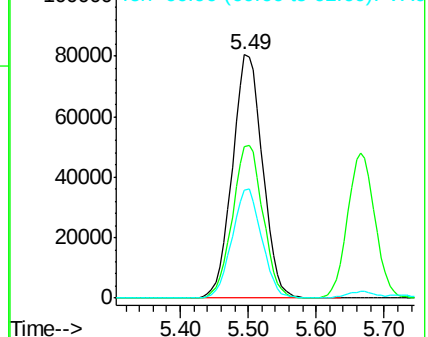
97 100

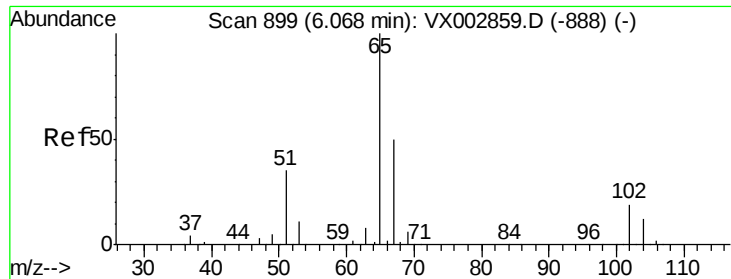
99 63.3 51.6 77.4

61 44.4 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.91 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

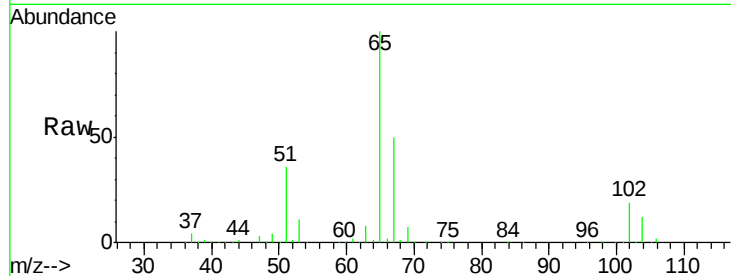
VSTDCCC050

Tot Ion: 65 Resp: 182573

Ion Ratio Lower Upper

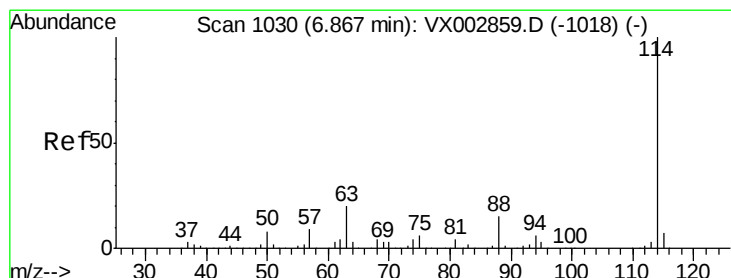
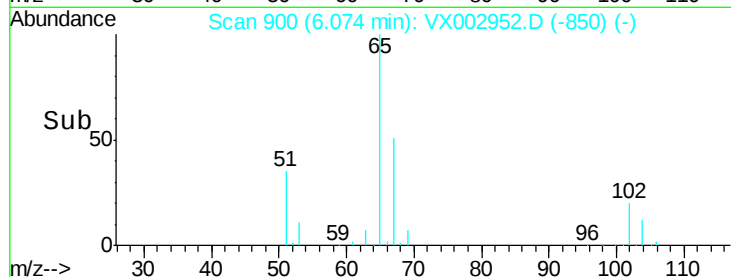
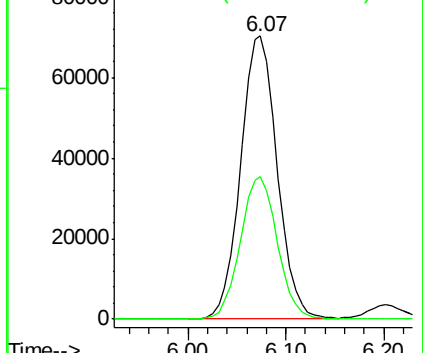
65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

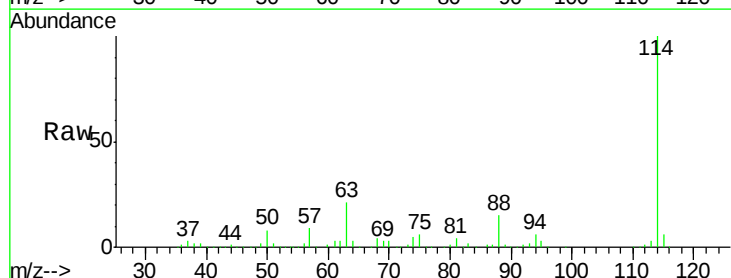
Tgt Ion: 114 Resp: 368084

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

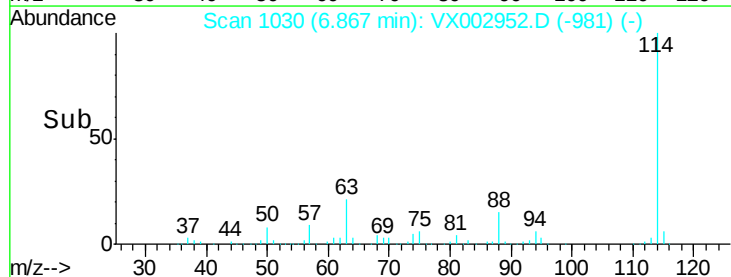
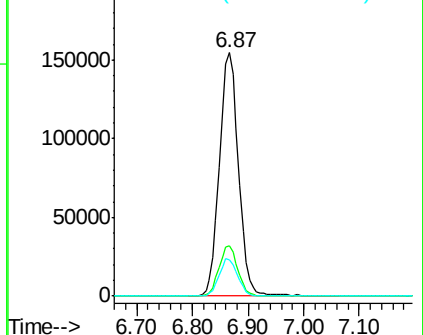
88 15.0 0.0 30.0

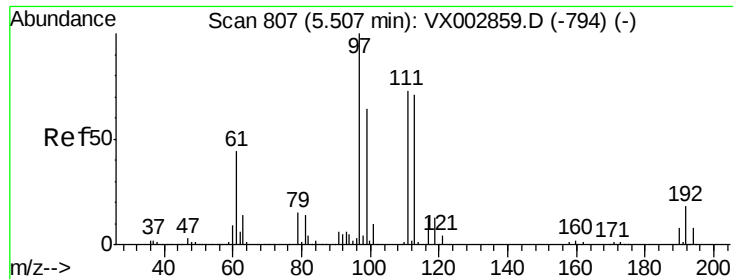


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

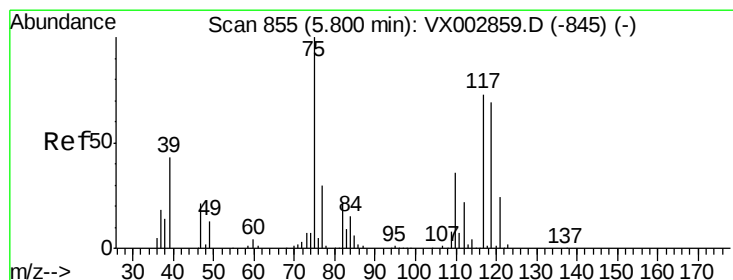
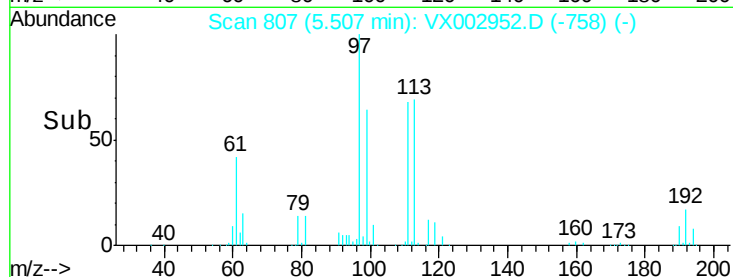
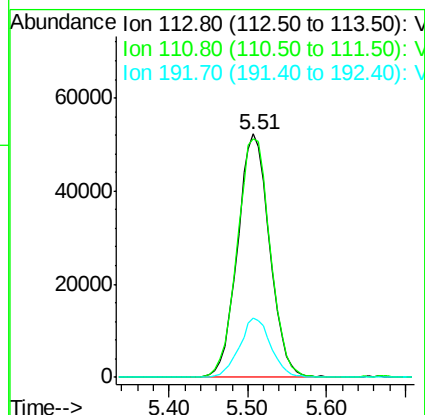
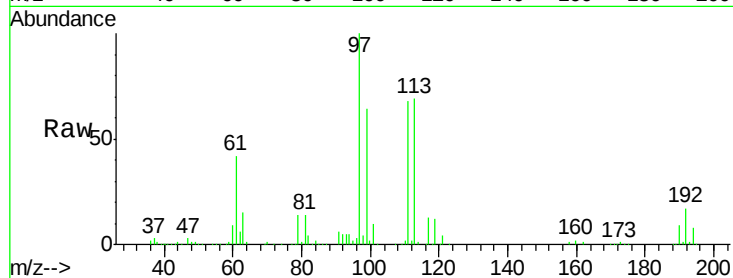




#35  
 Dibromofluoromethane  
 Concen: 50.66 ug/l  
 RT: 5.51 min Scan# 807  
 Delta R.T. -0.00 min  
 Lab File: VX002952.D  
 Acq: 27 Jun 2018 22:41

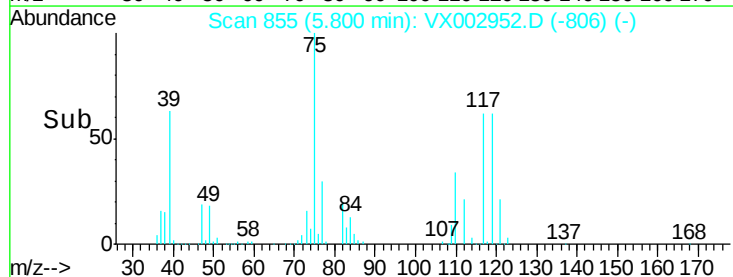
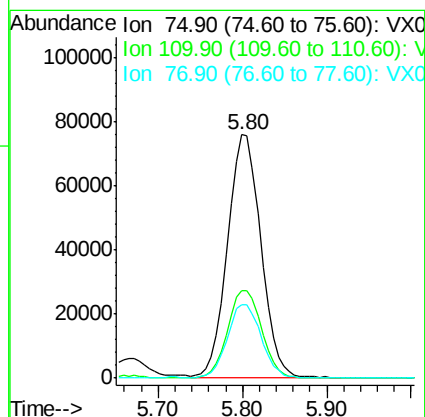
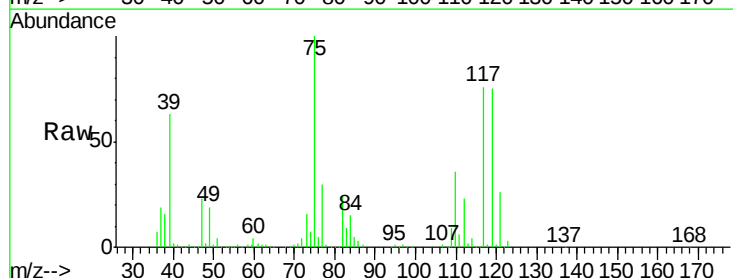
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

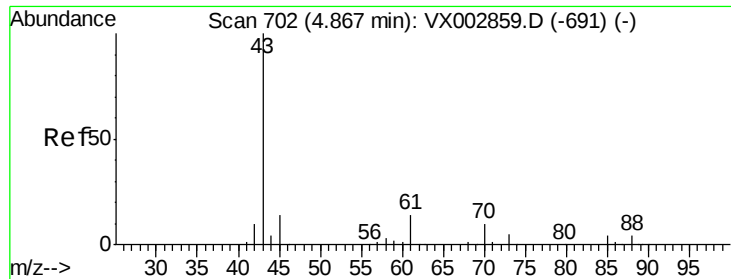
Tot Ion:113 Resp: 147664  
 Ion Ratio Lower Upper  
 113 100  
 111 101.1 81.4 122.0  
 192 24.0 19.1 28.7



#36  
 1,1-Dichloropropene  
 Concen: 50.41 ug/l  
 RT: 5.80 min Scan# 855  
 Delta R.T. -0.00 min  
 Lab File: VX002952.D  
 Acq: 27 Jun 2018 22:41

Tgt Ion: 75 Resp: 203499  
 Ion Ratio Lower Upper  
 75 100  
 110 36.9 18.1 54.4  
 77 30.7 24.3 36.5

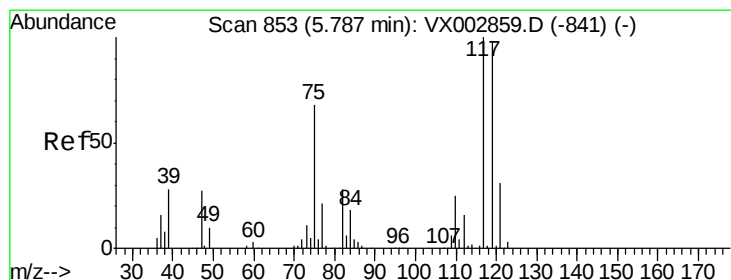
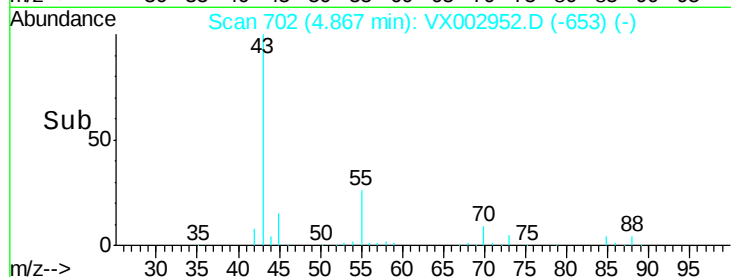
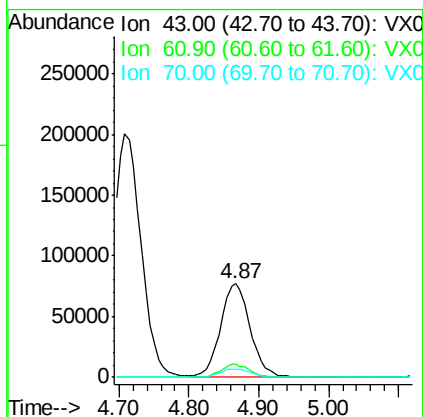
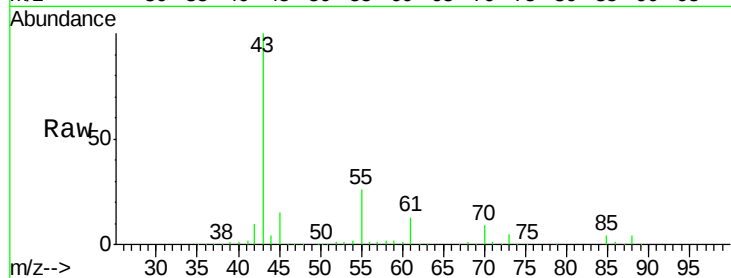




#37  
Ethyl Acetate  
Concen: 52.03 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

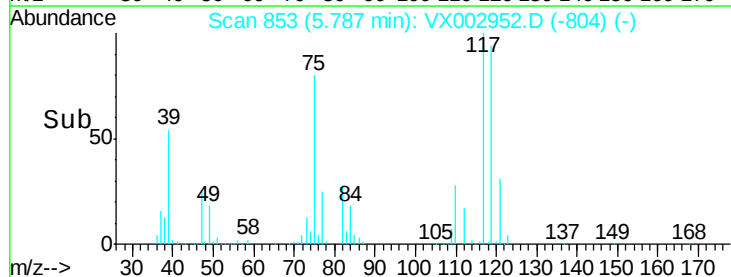
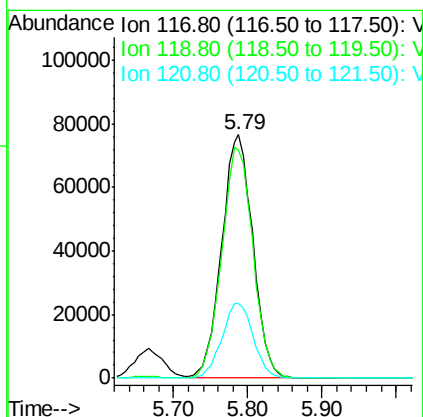
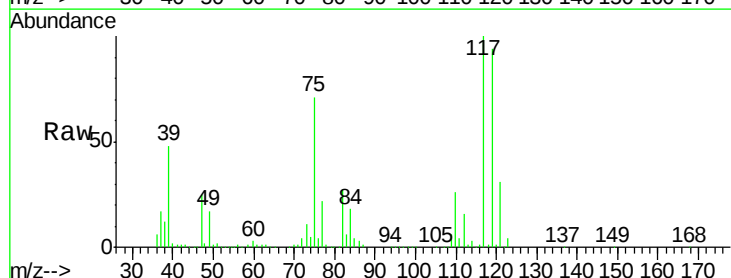
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

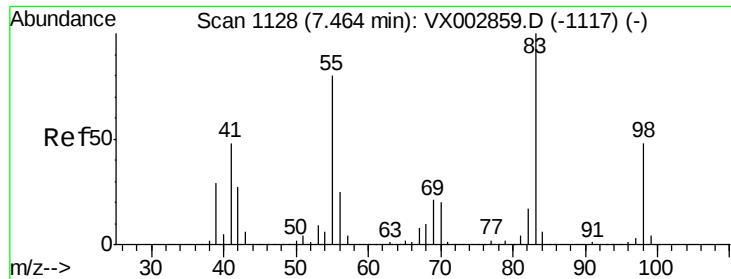
Tot Ion: 43 Resp: 226150  
Ion Ratio Lower Upper  
43 100  
61 13.3 10.4 15.6  
70 9.6 7.6 11.4



#38  
Carbon Tetrachloride  
Concen: 50.32 ug/l  
RT: 5.79 min Scan# 853  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Tgt Ion: 117 Resp: 222897  
Ion Ratio Lower Upper  
117 100  
119 93.7 77.4 116.0  
121 30.9 24.4 36.6

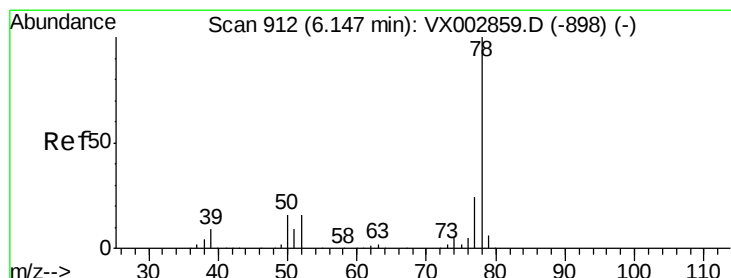
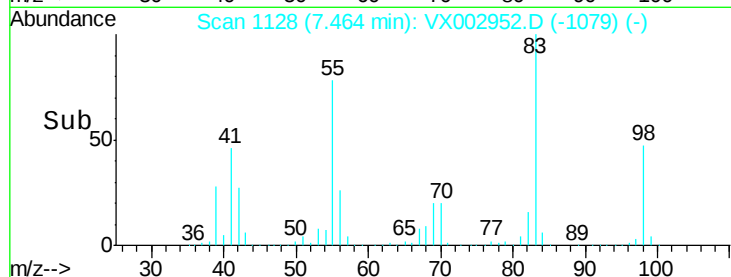
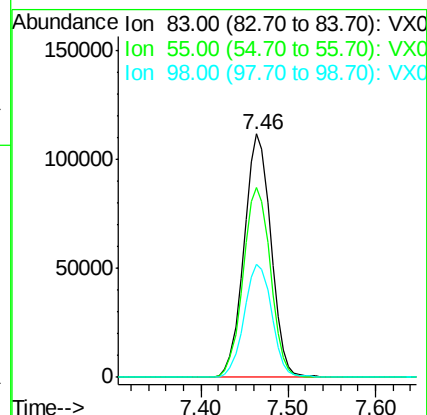
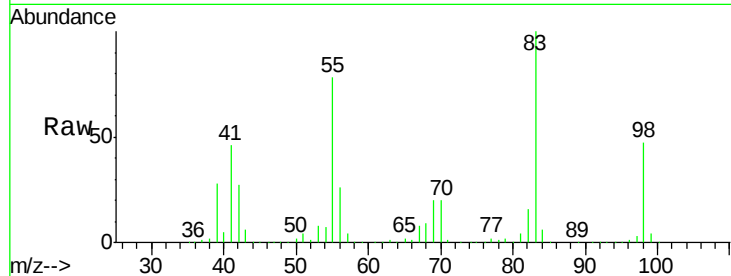




#39  
Methvlcvclohexane  
Concen: 51.07 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

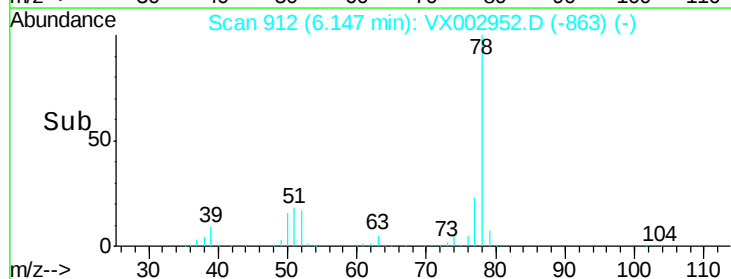
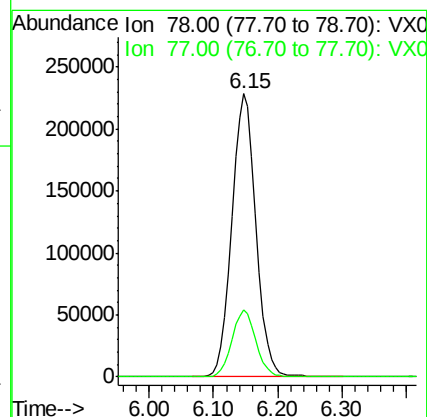
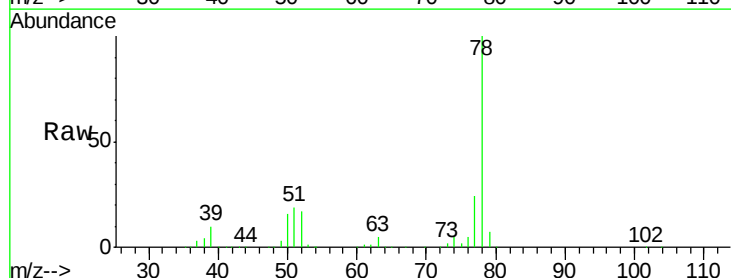
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

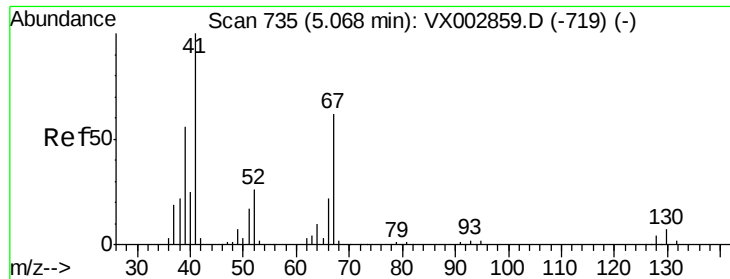
Tot Ion: 83 Resp: 240112  
Ion Ratio Lower Upper  
83 100  
55 78.2 65.4 98.0  
98 46.6 37.4 56.0



#40  
Benzene  
Concen: 51.21 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Tgt Ion: 78 Resp: 600639  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.1 28.7





#41

Methacrylonitrile

Concen: 50.49 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 126371

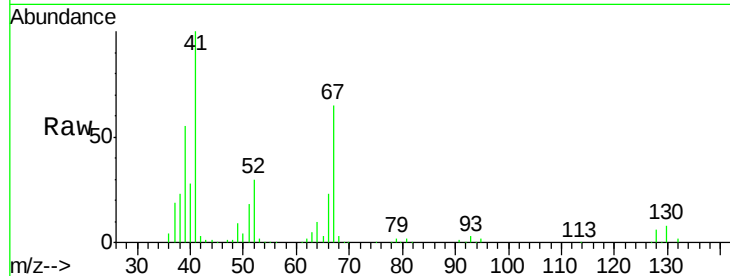
Ion Ratio Lower Upper

41 100

39 56.2 45.8 68.6

67 66.4 51.3 76.9

52 28.8 23.0 34.6

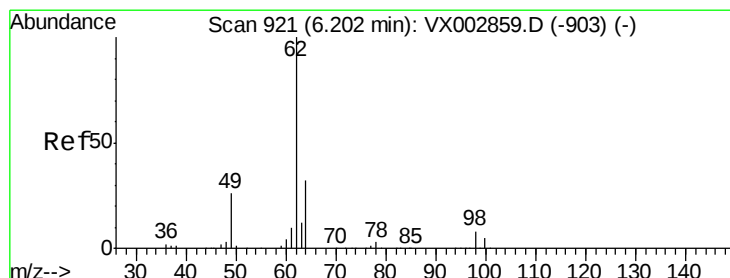
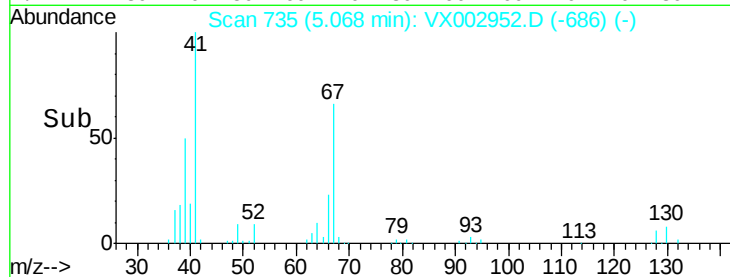
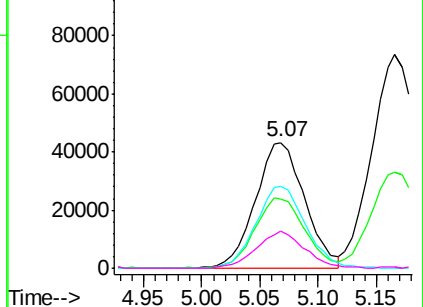


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.94 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX002952.D

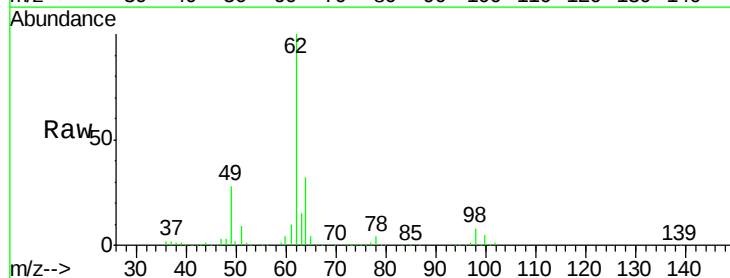
Acq: 27 Jun 2018 22:41

Tgt Ion: 62 Resp: 231879

Ion Ratio Lower Upper

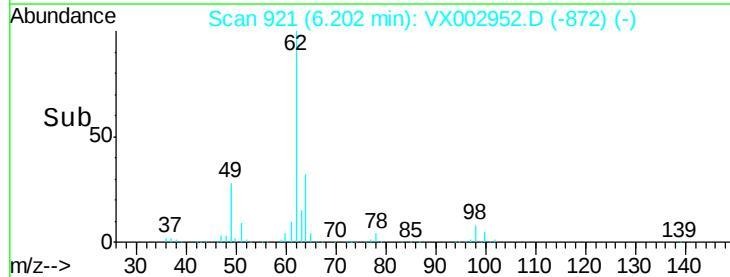
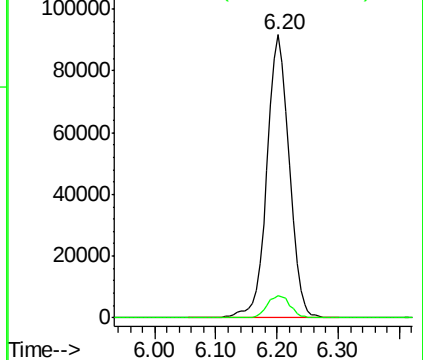
62 100

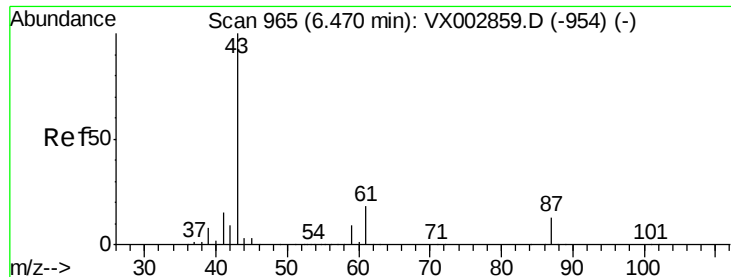
98 8.2 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



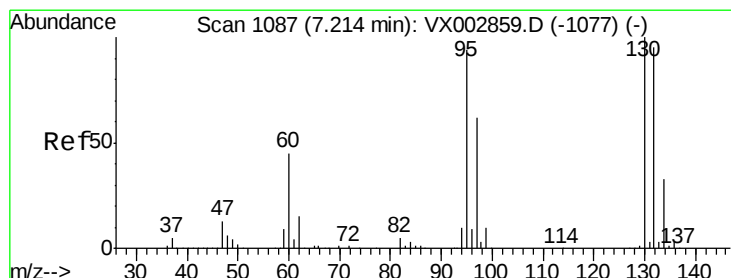
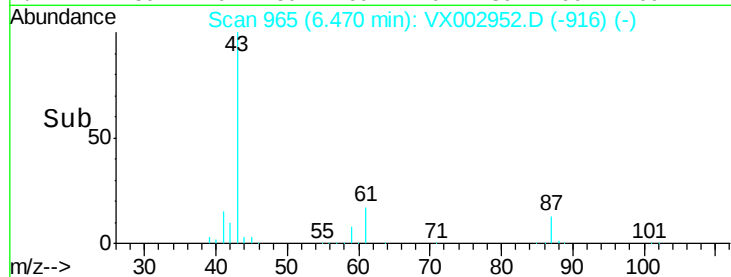
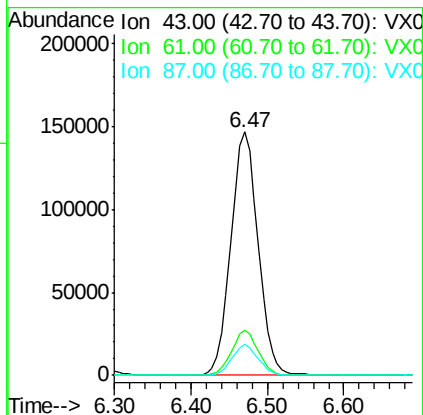
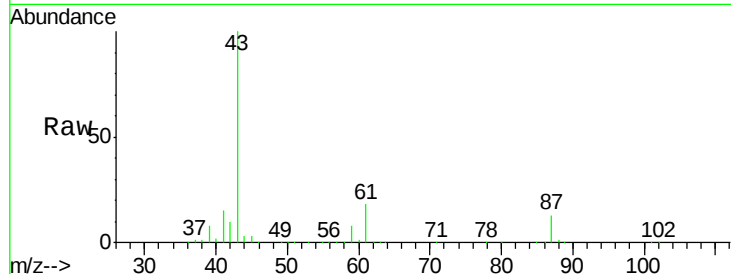


#43

Isopropyl Acetate  
 Concen: 49.57 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. -0.00 min  
 Lab File: VX002952.D  
 Acq: 27 Jun 2018 22:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

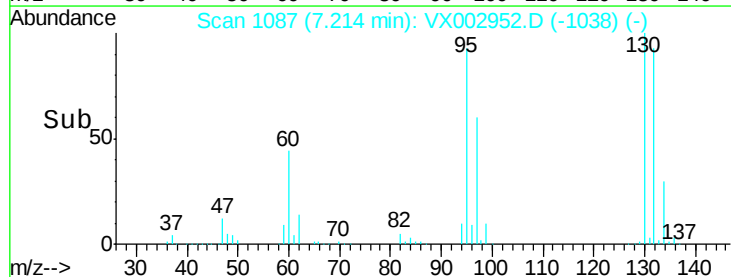
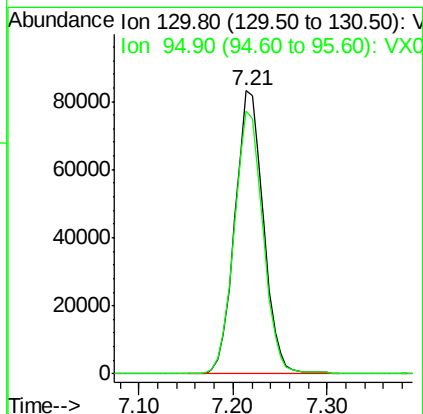
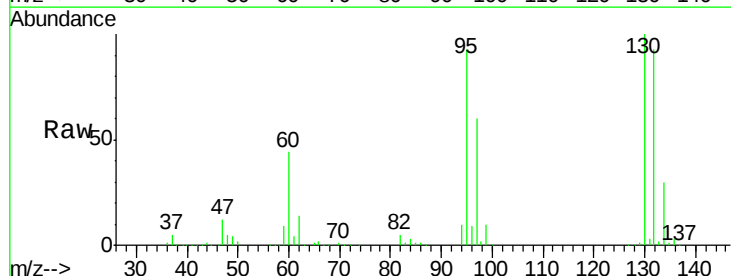
| Tot Ion   | 43    | Resp  | 361332 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 18.1  | 14.4  | 21.6   |
| 87        | 12.2  | 9.5   | 14.3   |

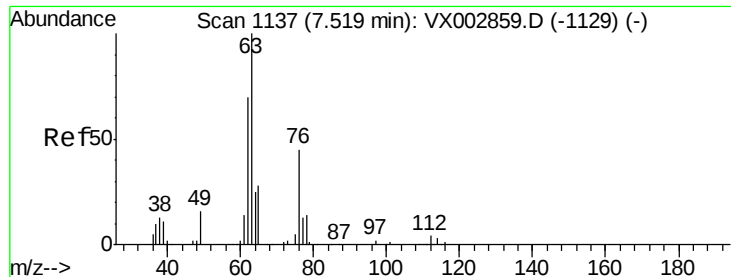


#44

Trichloroethene  
 Concen: 50.05 ug/l  
 RT: 7.21 min Scan# 1087  
 Delta R.T. -0.00 min  
 Lab File: VX002952.D  
 Acq: 27 Jun 2018 22:41

| Tgt Ion   | 130   | Resp  | 174994 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 92.8  | 0.0   | 185.4  |





#45

1,2-Dichloropropane

Concen: 49.82 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

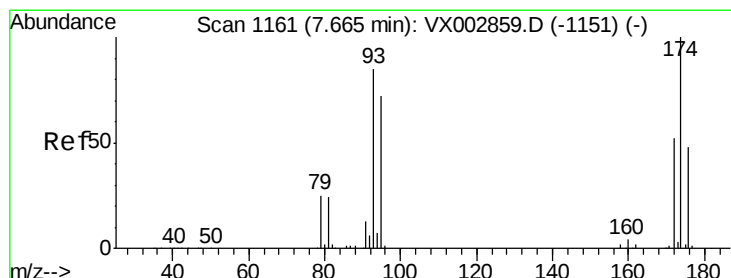
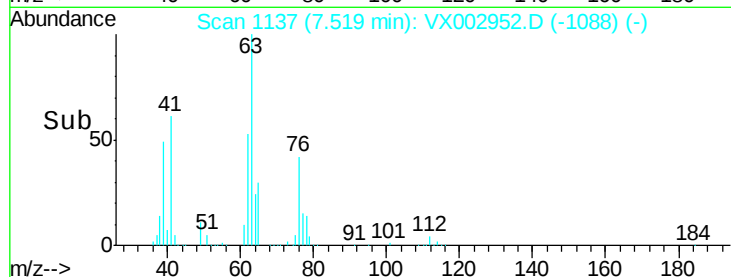
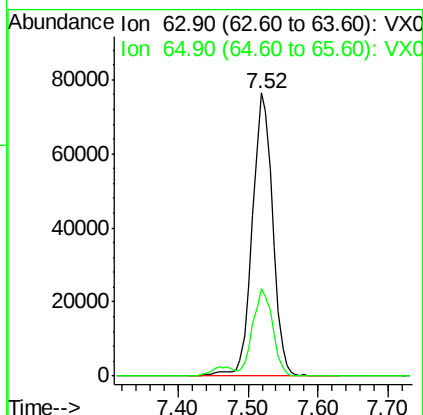
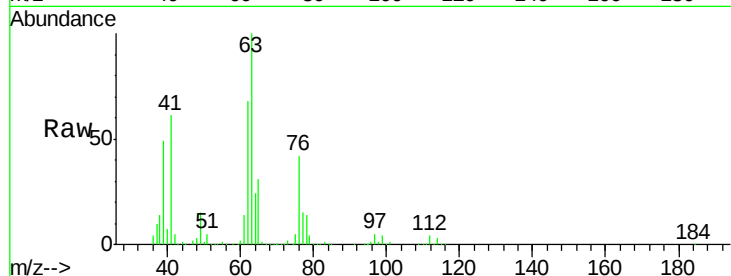
VSTDCCC050

Tot Ion: 63 Resp: 154995

Ion Ratio Lower Upper

63 100

65 31.1 24.7 37.1



#46

Dibromomethane

Concen: 49.48 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

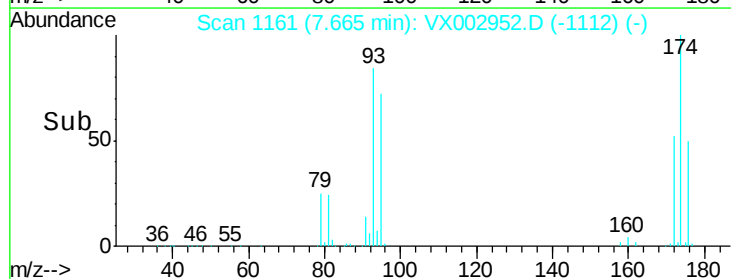
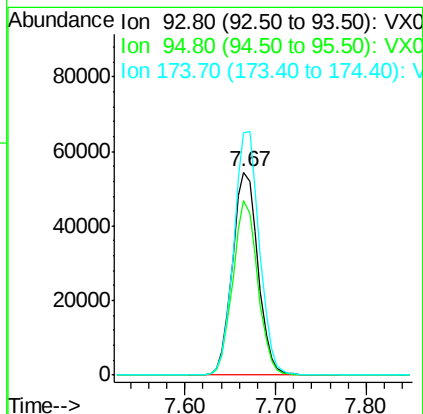
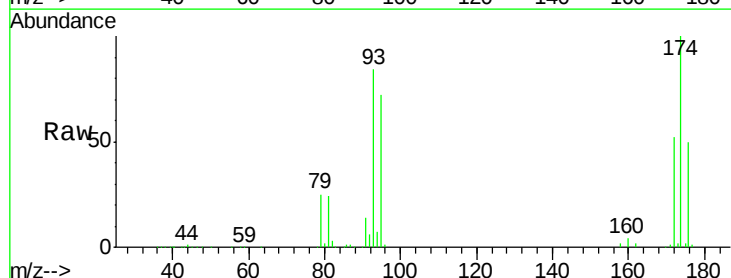
Tgt Ion: 93 Resp: 106828

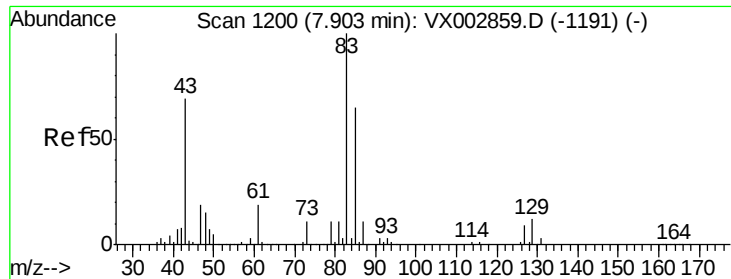
Ion Ratio Lower Upper

93 100

95 83.6 65.9 98.9

174 119.9 92.4 138.6





#47

Bromodichloromethane

Concen: 50.67 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

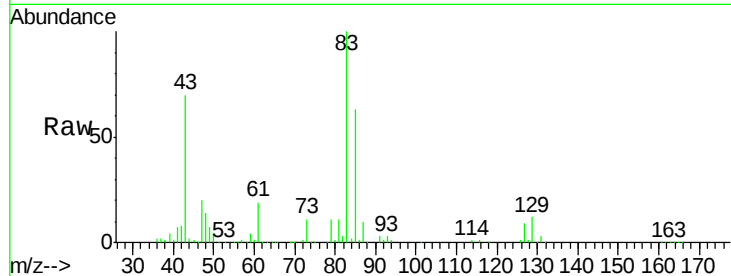
Tot Ion: 83 Resp: 202247

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5

127 9.4 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

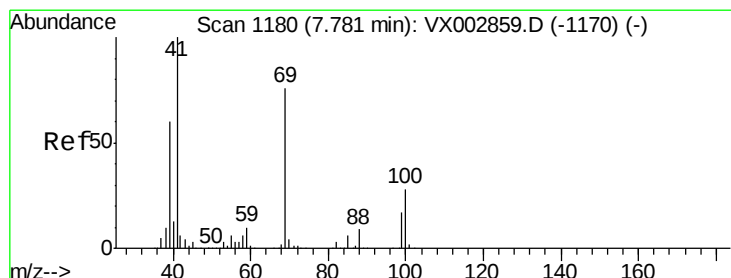
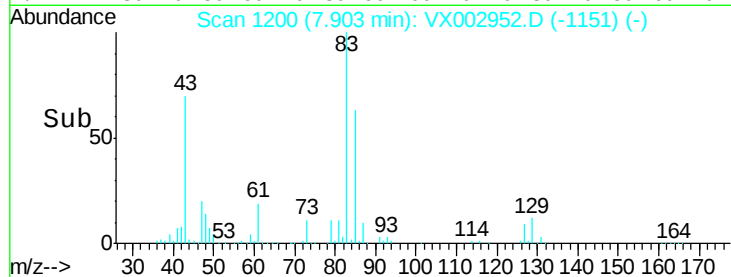
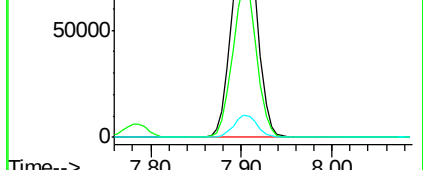
7.90

150000

100000

50000

0



#48

Methyl methacrylate

Concen: 50.59 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

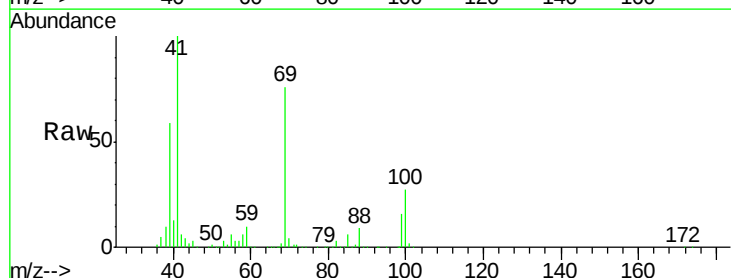
Tgt Ion: 41 Resp: 189997

Ion Ratio Lower Upper

41 100

69 75.3 59.1 88.7

39 59.5 48.9 73.3



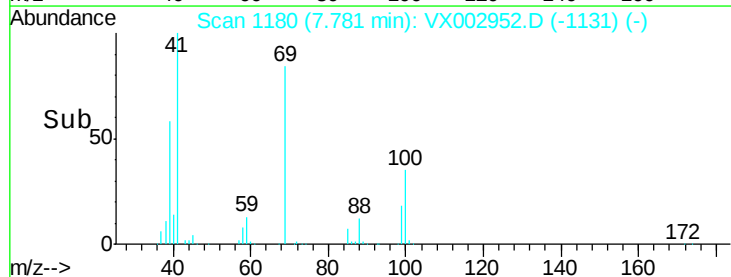
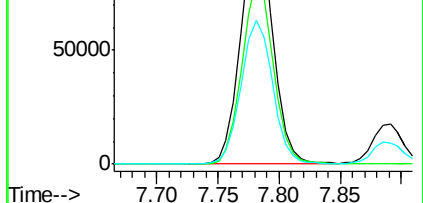
Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0

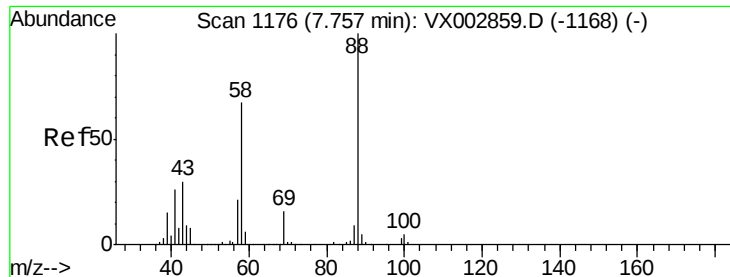
7.78

100000

50000

0





#49

1,4-Dioxane

Concen: 1002.24 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

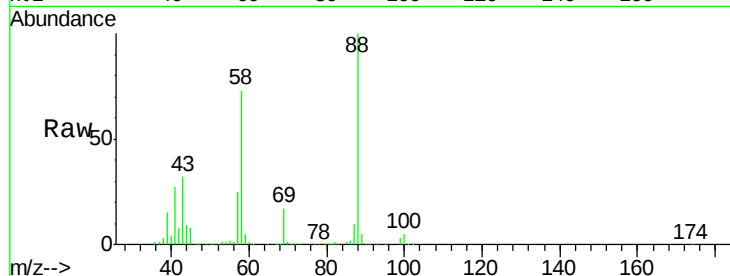
Tot Ion: 88 Resp: 73234

Ion Ratio Lower Upper

88 100

43 34.8 29.8 44.6

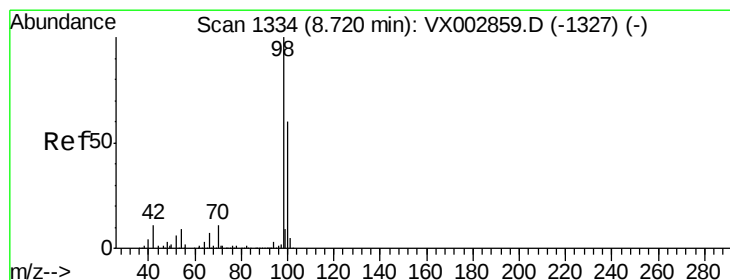
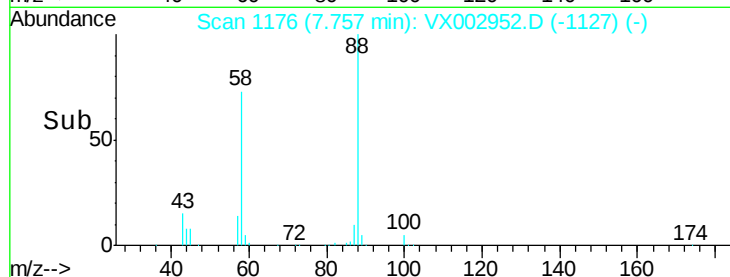
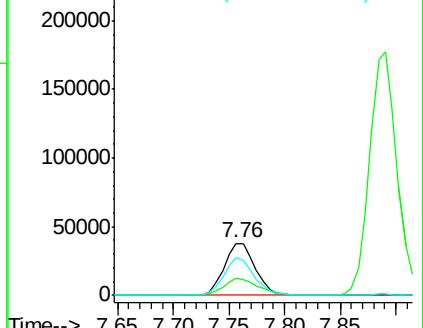
58 70.4 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.06 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002952.D

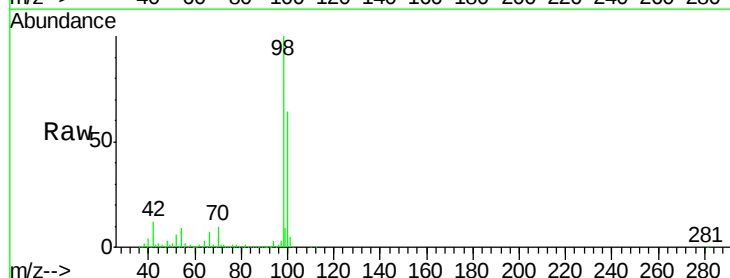
Acq: 27 Jun 2018 22:41

Tgt Ion: 98 Resp: 532817

Ion Ratio Lower Upper

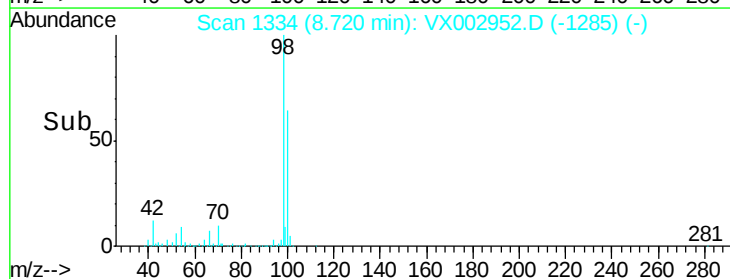
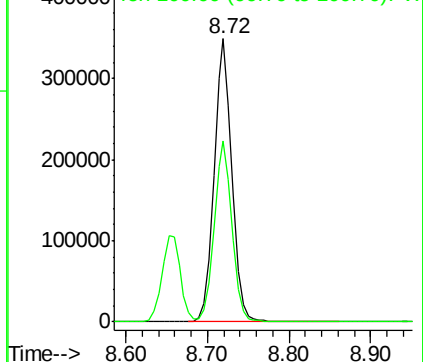
98 100

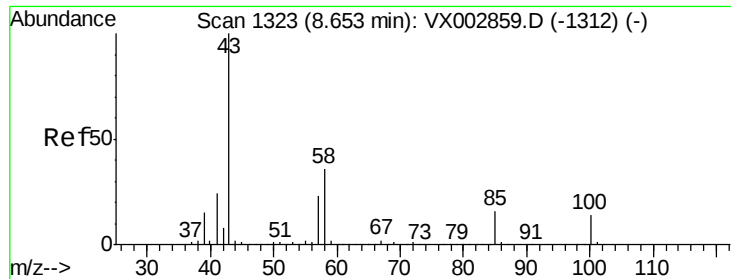
100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

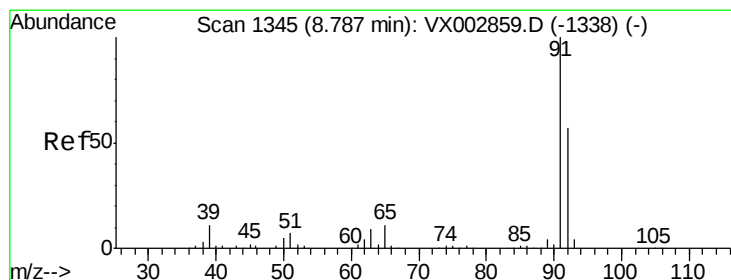
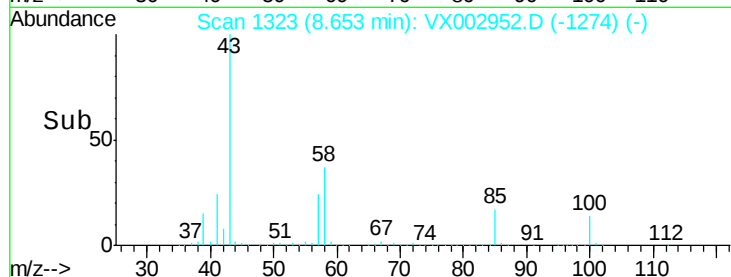
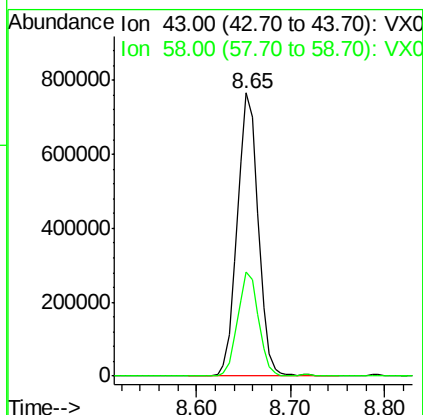
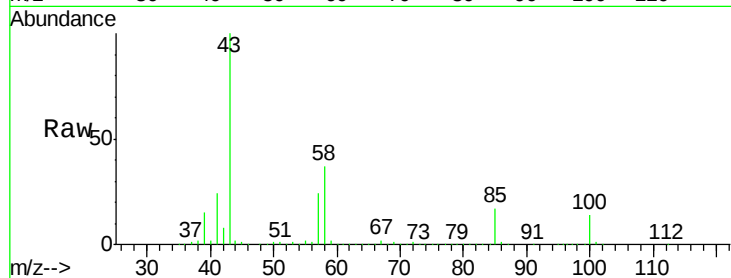




#51  
4-Methyl-2-Pentanone  
Concen: 259.26 ug/l  
RT: 8.65 min Scan# 1323  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

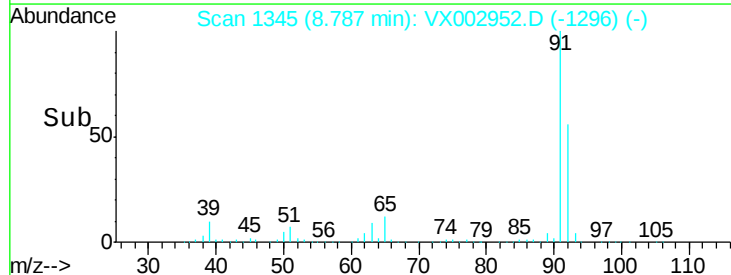
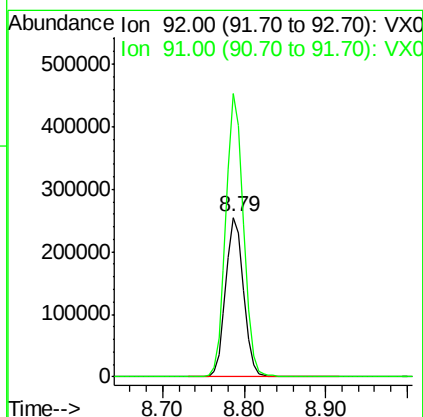
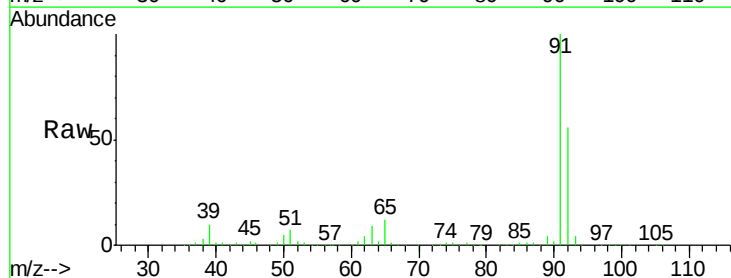
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

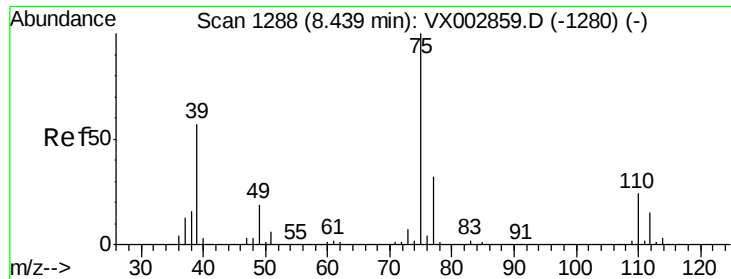
Tot Ion: 43 Resp: 1182333  
Ion Ratio Lower Upper  
43 100  
58 36.6 28.6 42.8



#52  
Toluene  
Concen: 51.47 ug/l  
RT: 8.79 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Tgt Ion: 92 Resp: 386702  
Ion Ratio Lower Upper  
92 100  
91 174.9 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 51.22 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

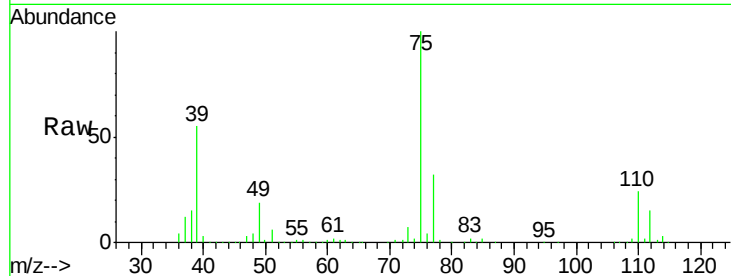
VSTDCCC050

Tot Ion: 75 Resp: 231526

Ion Ratio Lower Upper

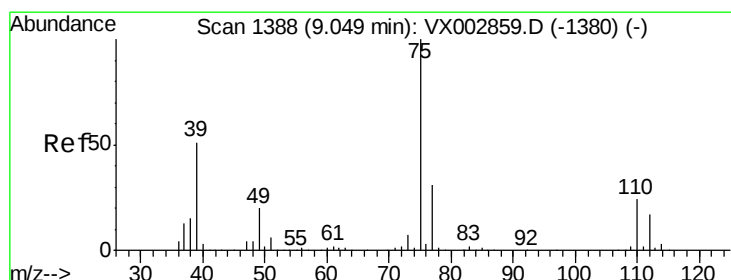
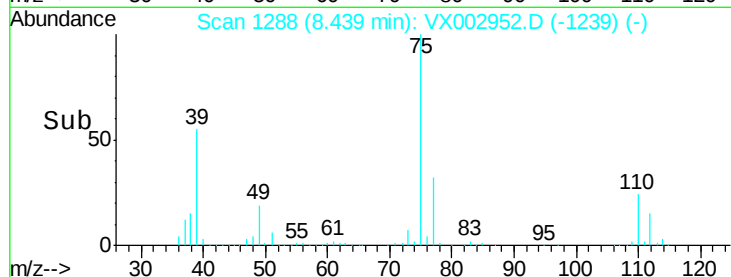
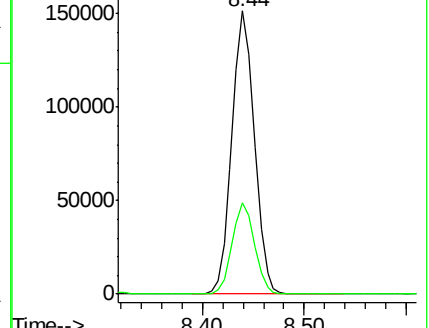
75 100

77 32.1 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: 49.48 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

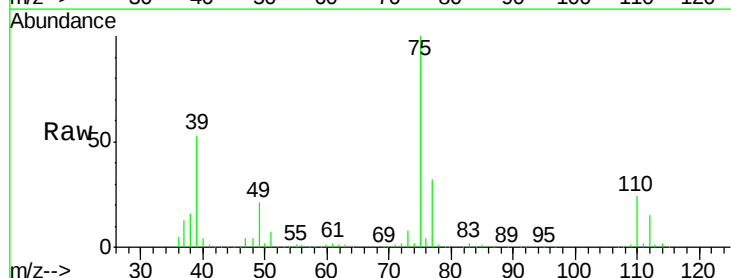
Tgt Ion: 75 Resp: 215195

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

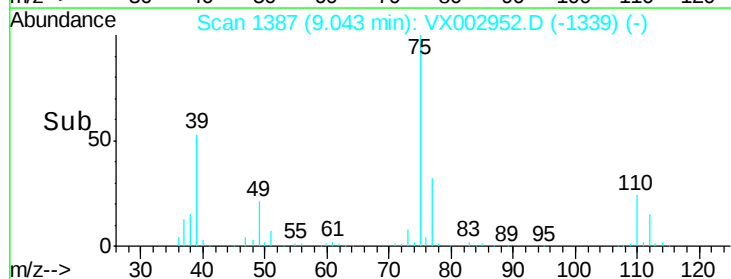
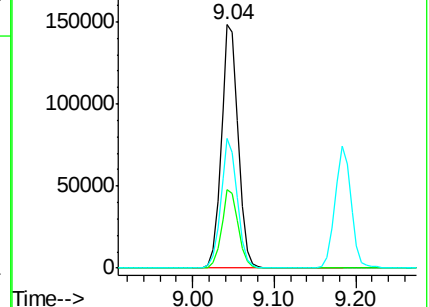
39 53.3 42.4 63.6

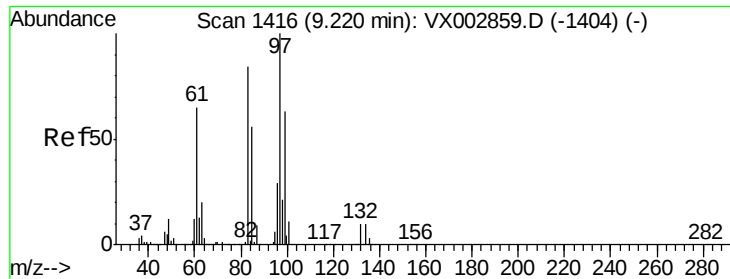


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

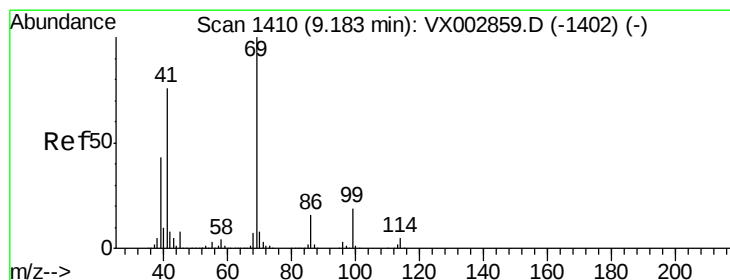
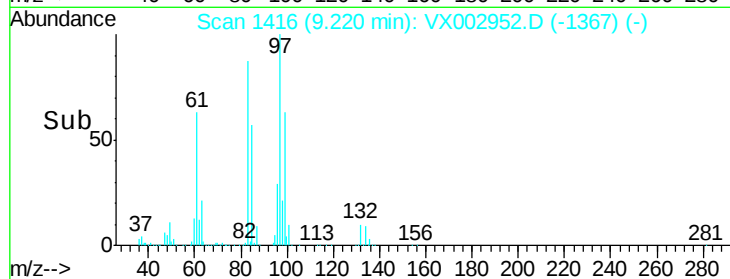
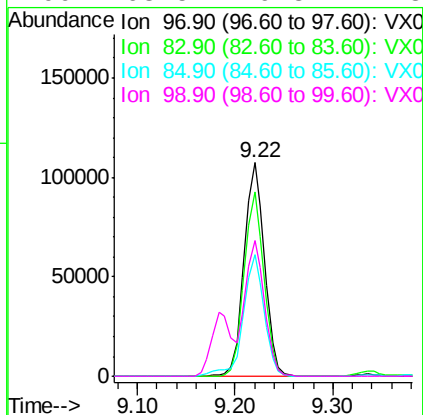
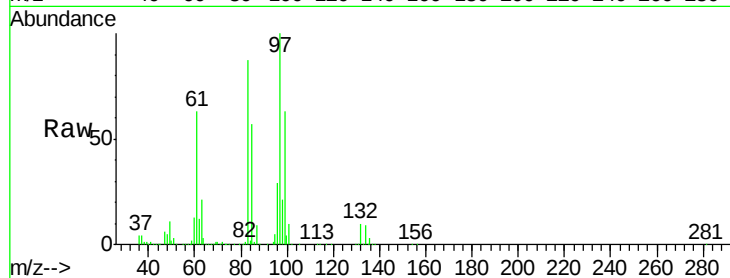




#55  
 1,1,2-Trichloroethane  
 Concen: 50.44 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. -0.00 min  
 Lab File: VX002952.D  
 Acq: 27 Jun 2018 22:41

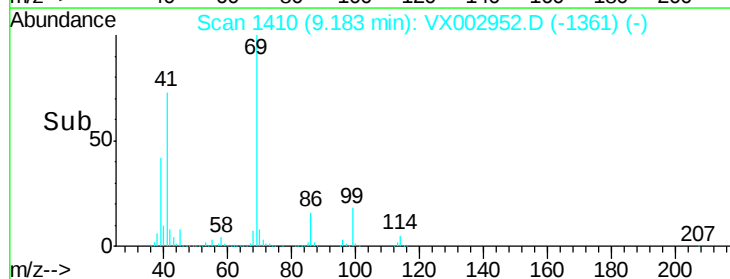
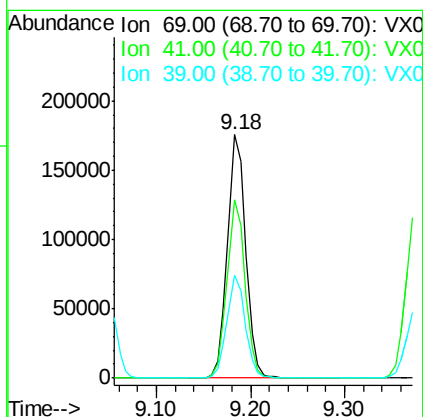
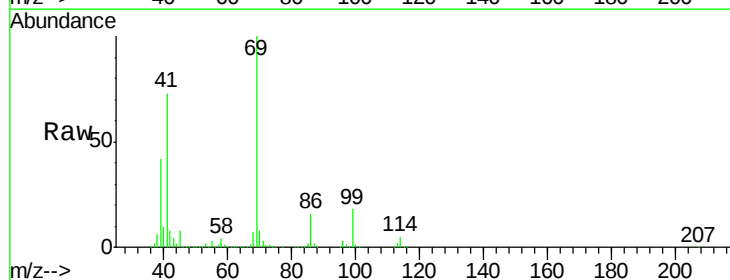
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

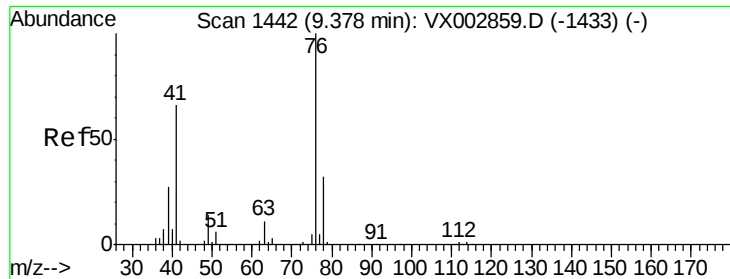
| Tot Ion: | 97    | Resp: | 155726 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.5  | 70.2  | 105.2  |
| 85       | 56.8  | 44.9  | 67.3   |
| 99       | 63.5  | 49.8  | 74.8   |



#56  
 Ethyl methacrylate  
 Concen: 52.71 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. -0.00 min  
 Lab File: VX002952.D  
 Acq: 27 Jun 2018 22:41

| Tgt Ion: | 69    | Resp: | 237851 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 72.2  | 60.3  | 90.5   |
| 39       | 42.4  | 35.8  | 53.8   |





#57

1,3-Dichloropropane

Concen: 50.16 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

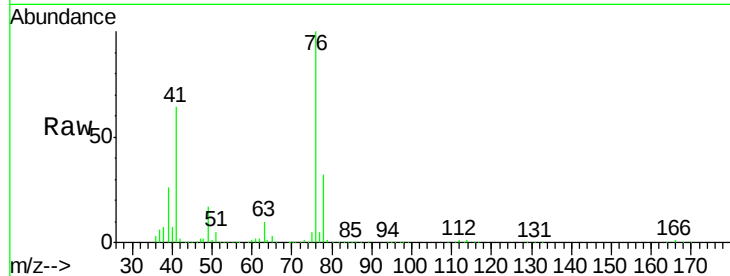
VSTDCCC050

Tot Ion: 76 Resp: 254362

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

9.38

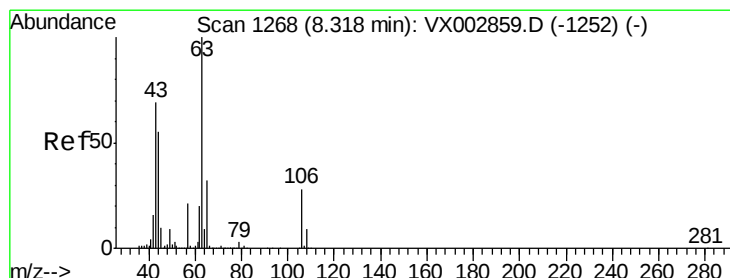
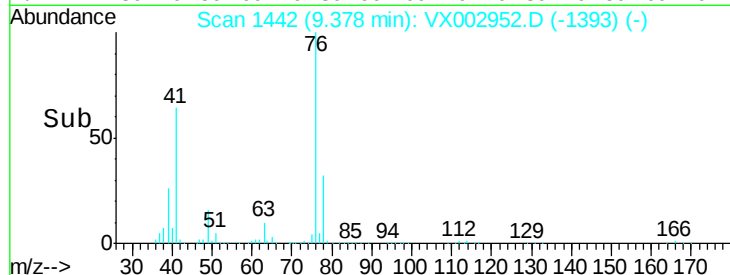
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 254.65 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002952.D

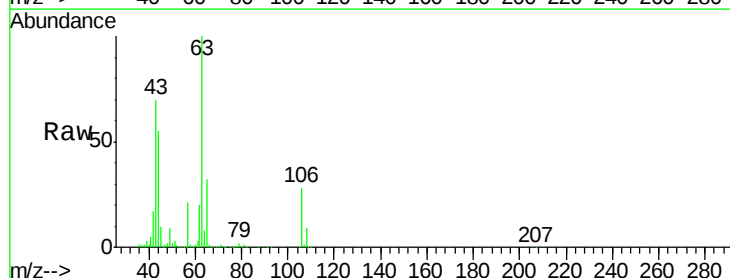
Acq: 27 Jun 2018 22:41

Tgt Ion: 63 Resp: 554340

Ion Ratio Lower Upper

63 100

106 28.1 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

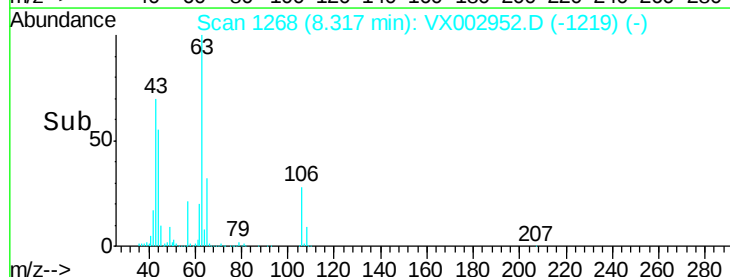
300000

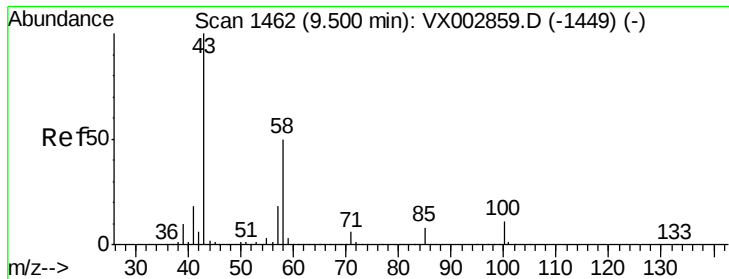
200000

100000

0

Time-->

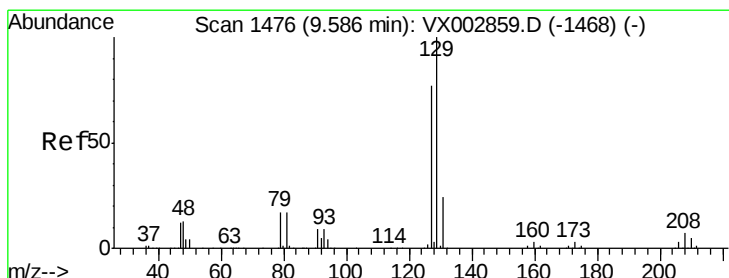
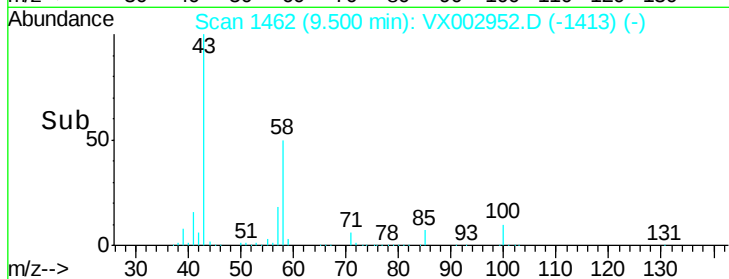
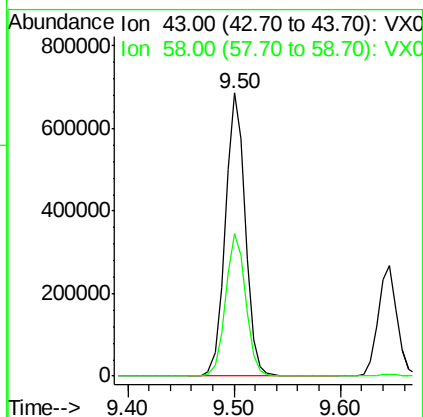
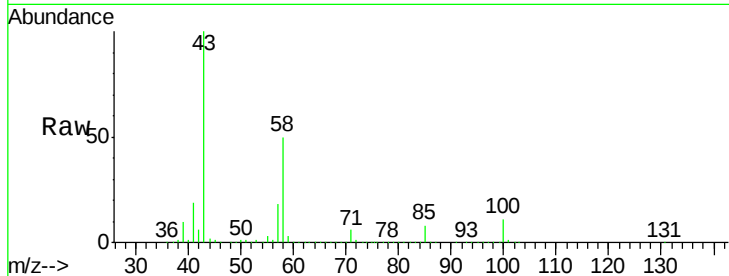




#59  
2-Hexanone  
Concen: 260.37 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

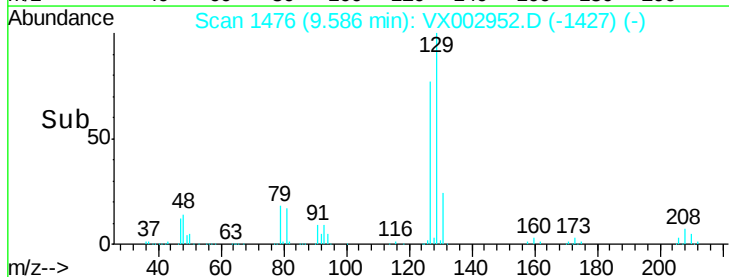
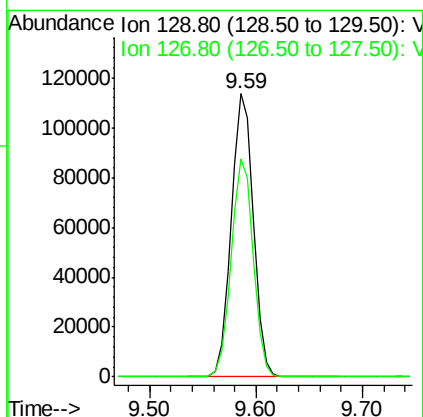
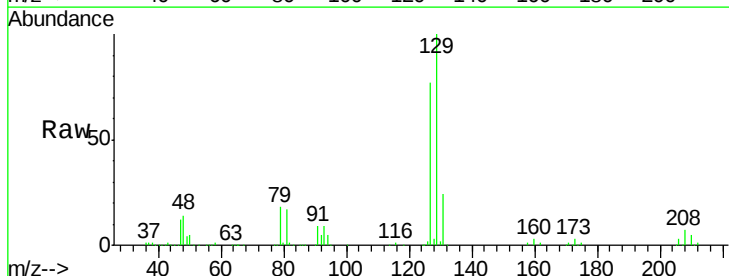
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

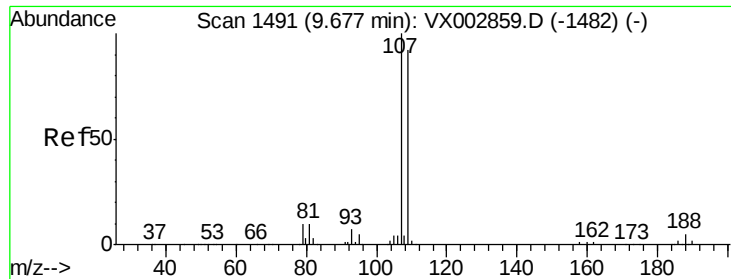
Tot Ion: 43 Resp: 902436  
Ion Ratio Lower Upper  
43 100  
58 50.5 24.6 73.6



#60  
Dibromochloromethane  
Concen: 50.98 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Tgt Ion: 129 Resp: 165706  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.24 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

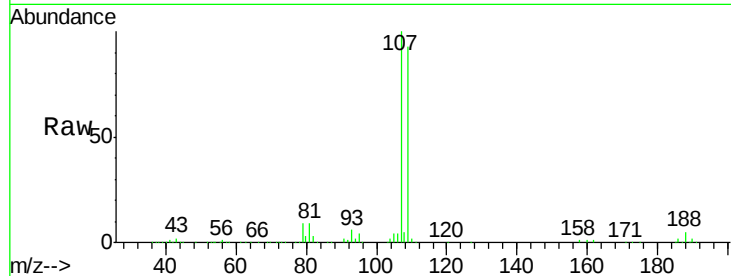
VSTDCCC050

Tot Ion:107 Resp: 165941

Ion Ratio Lower Upper

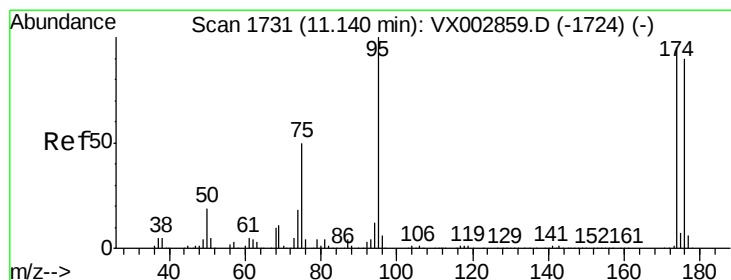
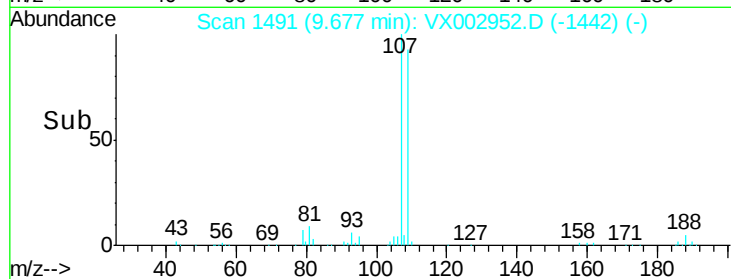
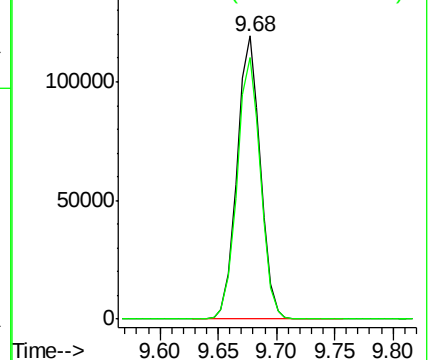
107 100

109 93.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

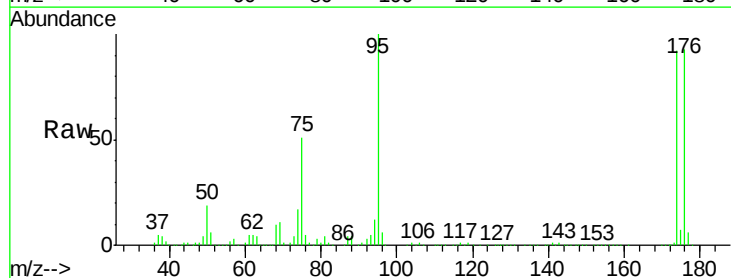
Tgt Ion: 95 Resp: 208424

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.4

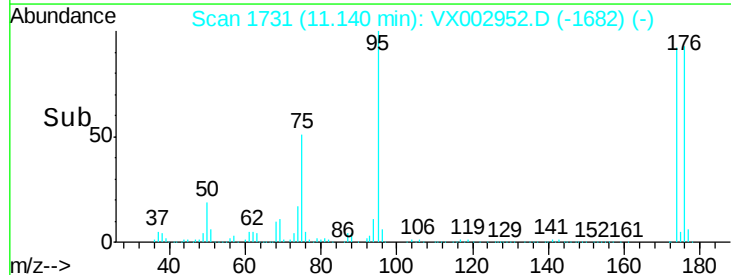
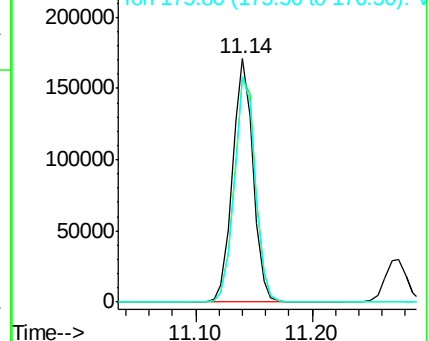
176 94.0 0.0 181.0

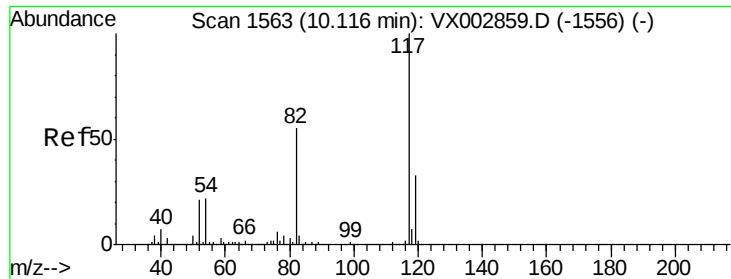


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

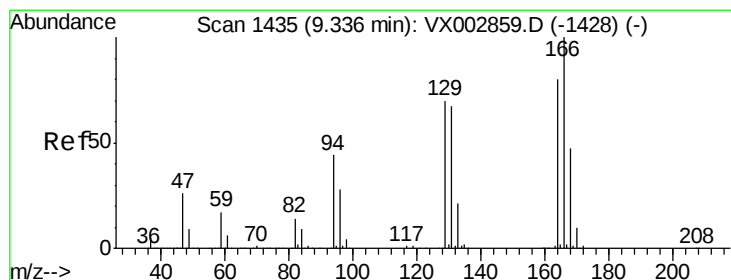
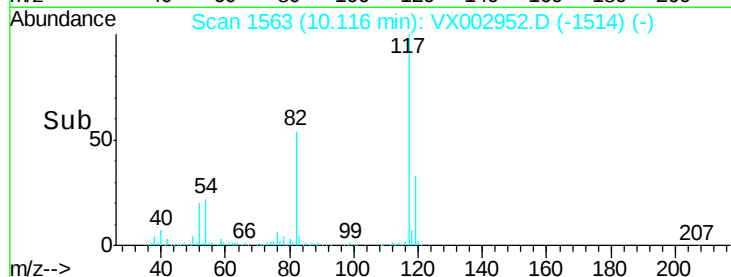
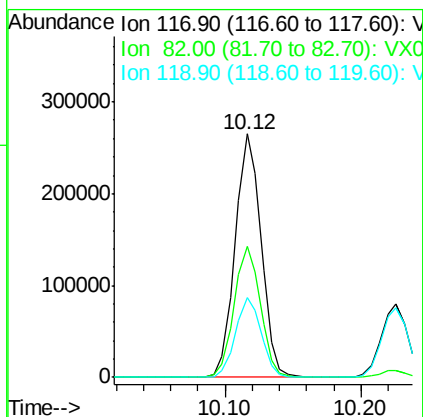
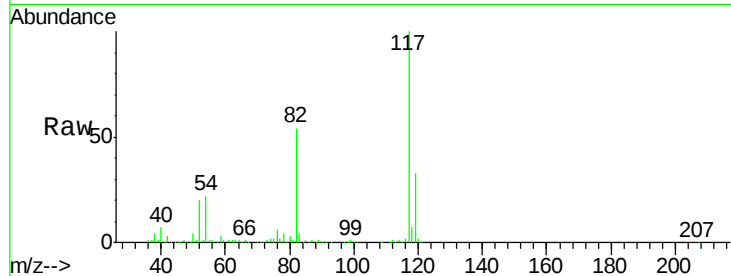




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

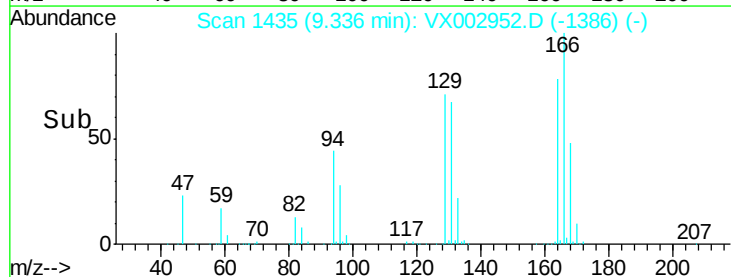
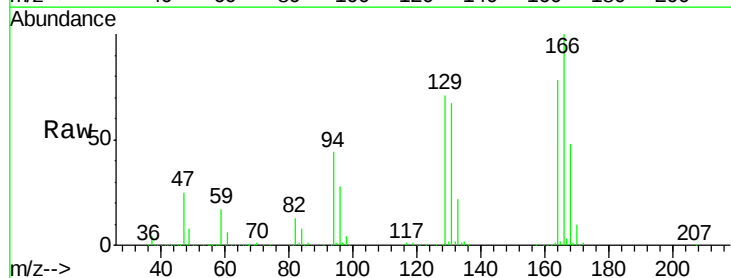
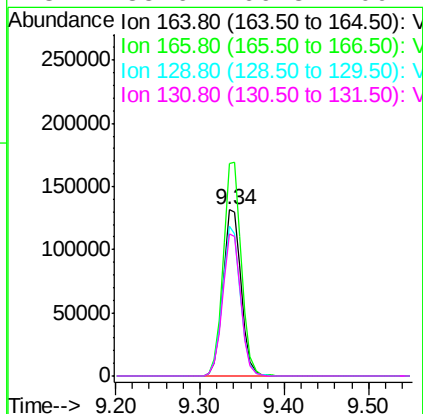
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

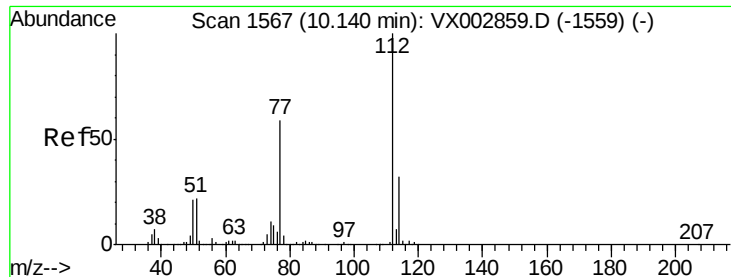
Tot Ion:117 Resp: 352866  
Ion Ratio Lower Upper  
117 100  
82 54.0 45.0 67.4  
119 32.6 25.8 38.6



#64  
Tetrachloroethene  
Concen: 49.86 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Tgt Ion:164 Resp: 195649  
Ion Ratio Lower Upper  
164 100  
166 127.9 102.9 154.3  
129 90.4 68.6 102.8  
131 85.6 66.8 100.2





#65

Chlorobenzene

Concen: 49.60 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

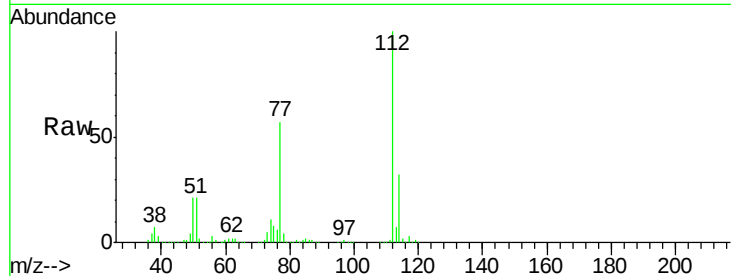
VSTDCCC050

Tot Ion:112 Resp: 444529

Ion Ratio Lower Upper

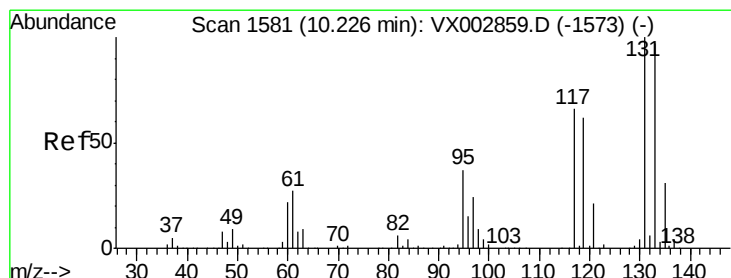
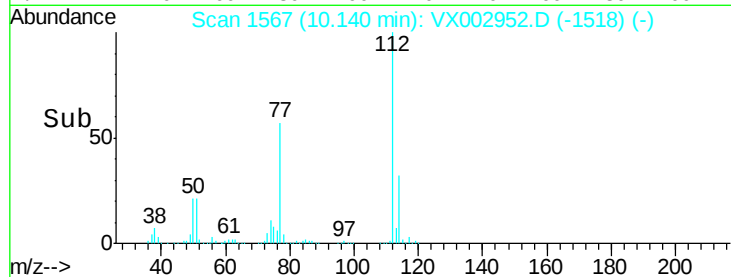
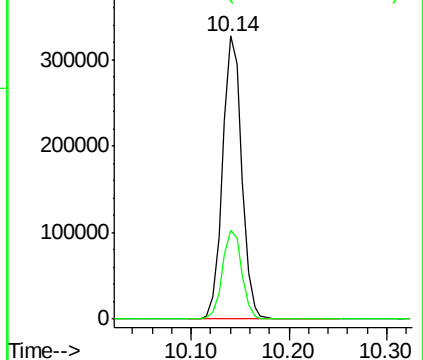
112 100

114 31.5 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: 50.20 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

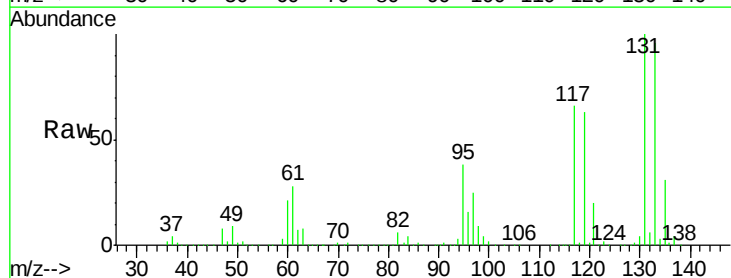
Tgt Ion:131 Resp: 163431

Ion Ratio Lower Upper

131 100

133 96.5 47.9 143.6

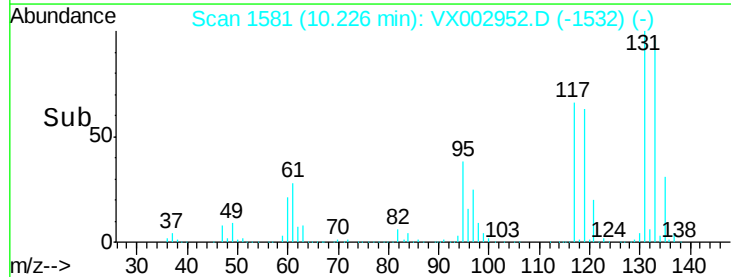
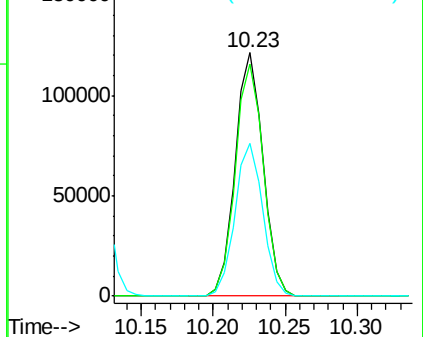
119 63.2 31.8 95.3

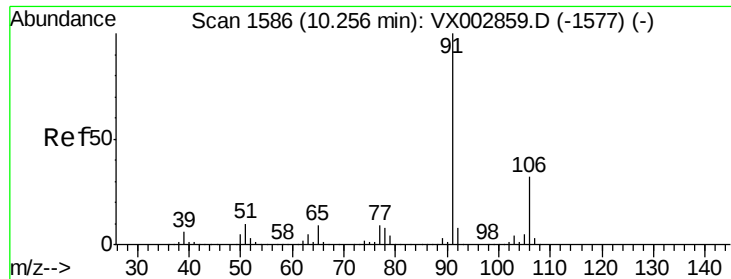


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

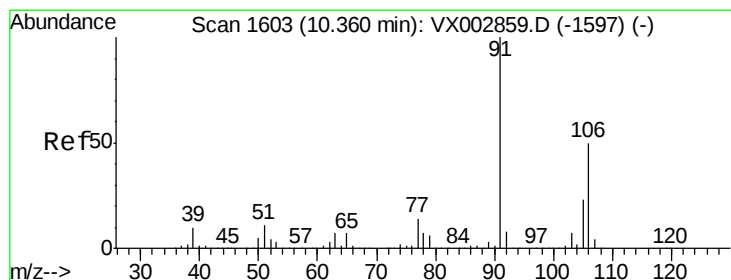
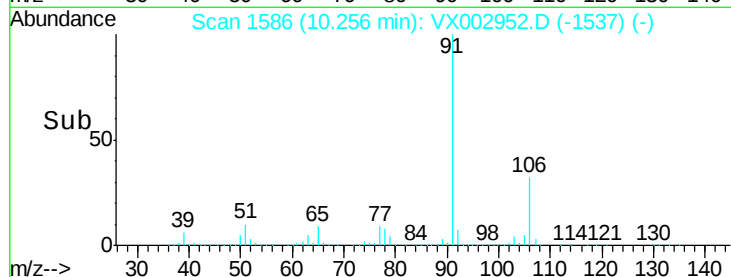
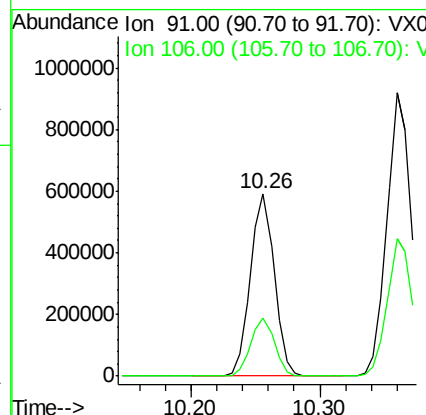
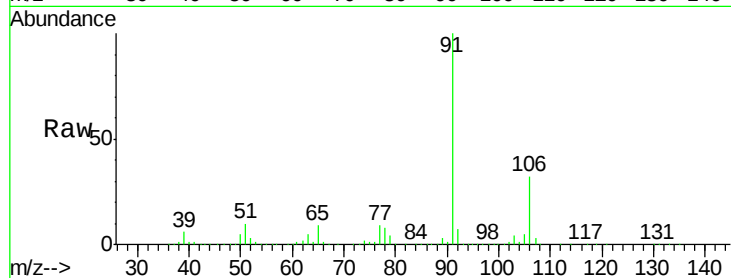




#67  
Ethyl Benzene  
Concen: 51.08 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

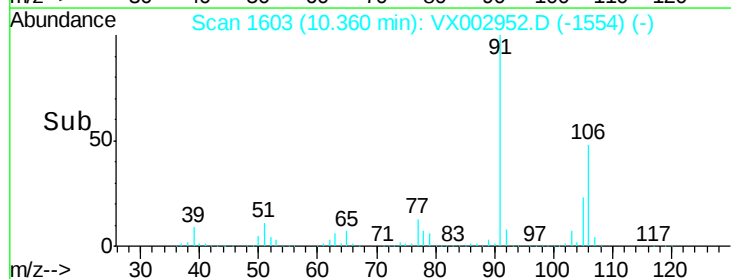
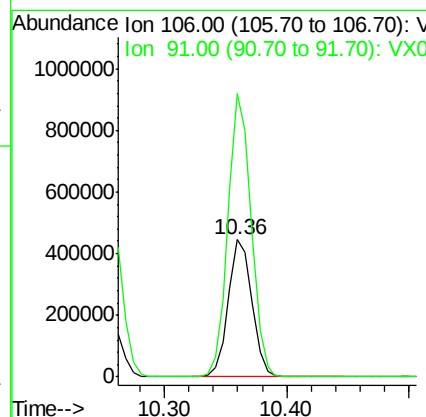
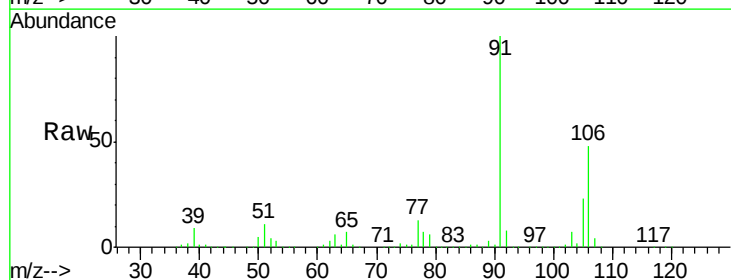
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

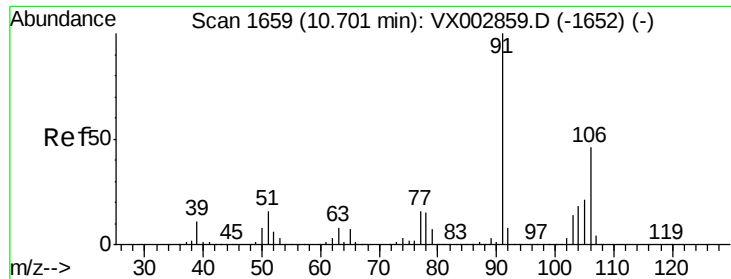
Tot Ion: 91 Resp: 756294  
Ion Ratio Lower Upper  
91 100  
106 32.0 25.5 38.3



#68  
m/p-Xylenes  
Concen: 103.85 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Tgt Ion: 106 Resp: 592578  
Ion Ratio Lower Upper  
106 100  
91 203.7 163.4 245.2

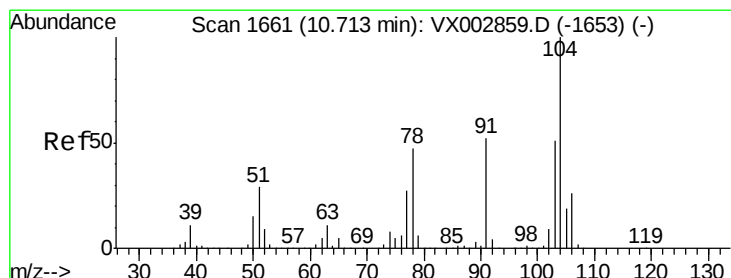
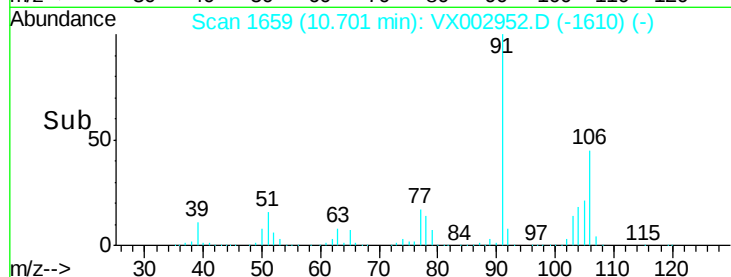
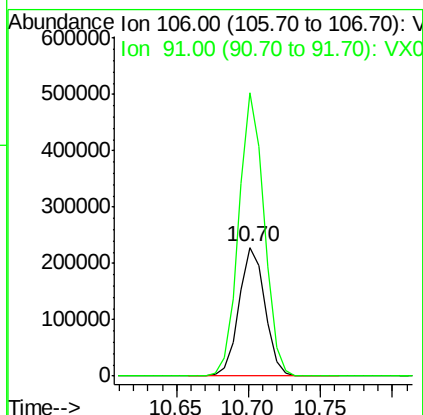
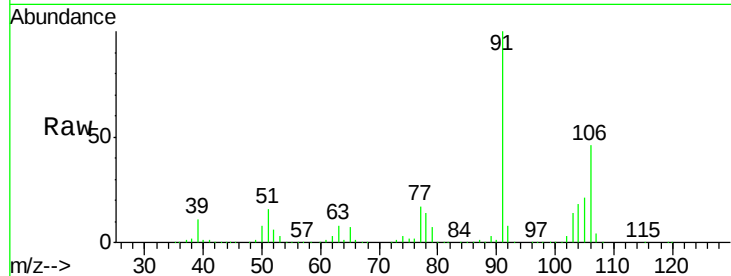




#69  
o-Xylene  
Concen: 51.63 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

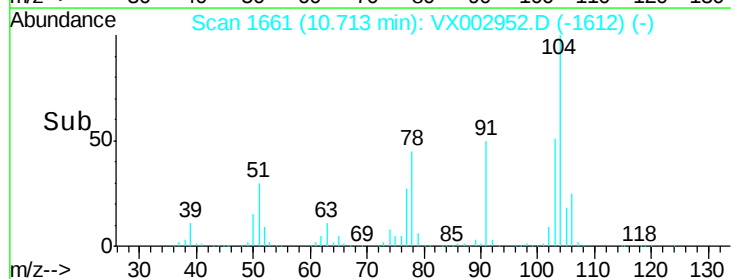
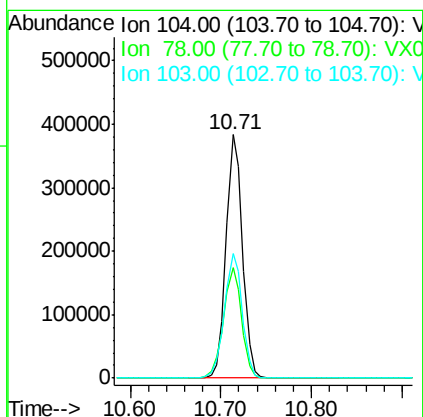
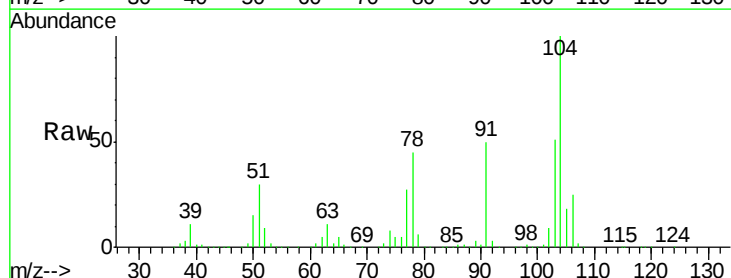
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

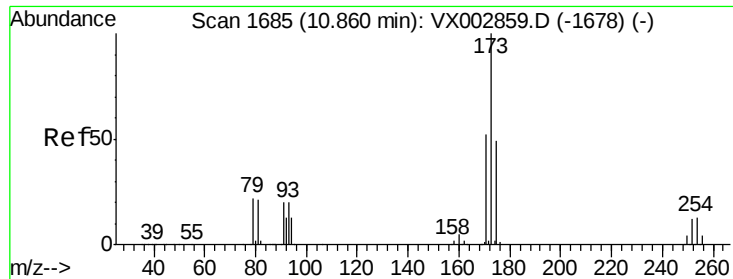
Tot Ion:106 Resp: 286877  
Ion Ratio Lower Upper  
106 100  
91 215.5 108.2 324.6



#70  
Styrene  
Concen: 53.45 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Tgt Ion:104 Resp: 482526  
Ion Ratio Lower Upper  
104 100  
78 50.2 41.0 61.6  
103 55.7 44.2 66.4

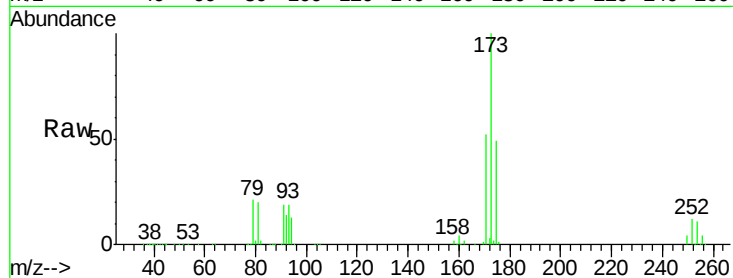




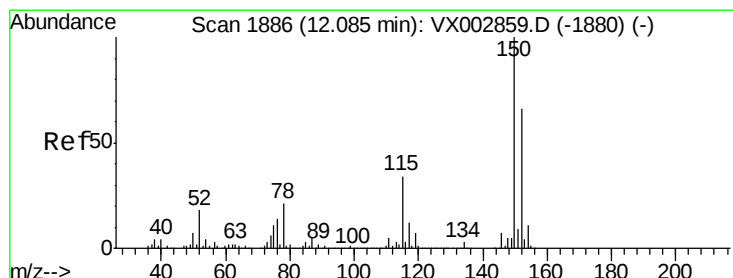
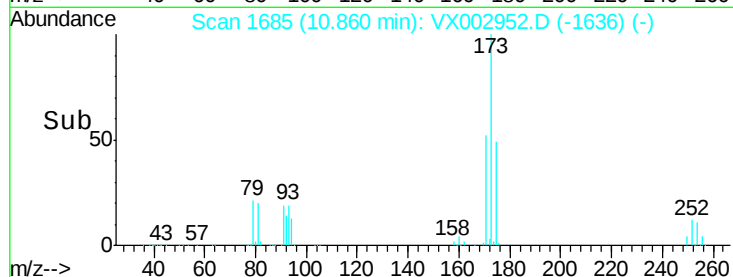
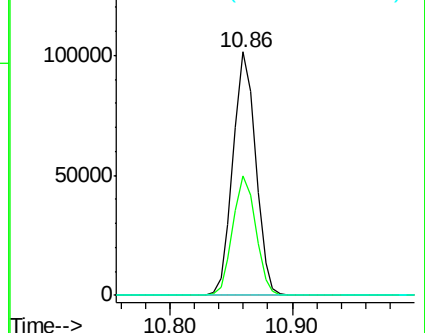
#71  
Bromoform  
Concen: 44.60 ug/l  
RT: 10.86 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:173 Resp: 129864  
Ion Ratio Lower Upper  
173 100  
175 49.7 24.7 74.1  
254 0.2 0.2 0.2

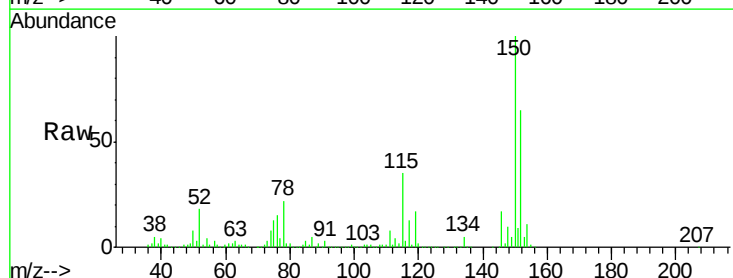


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

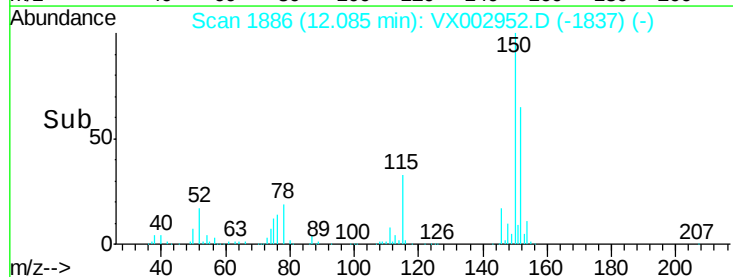
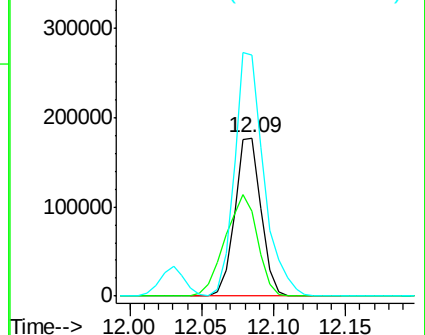


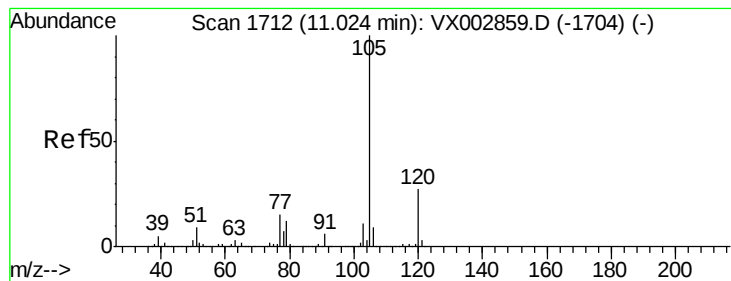
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Tgt Ion:152 Resp: 226306  
Ion Ratio Lower Upper  
152 100  
115 79.2 40.1 120.2  
150 171.8 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: 51.70 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

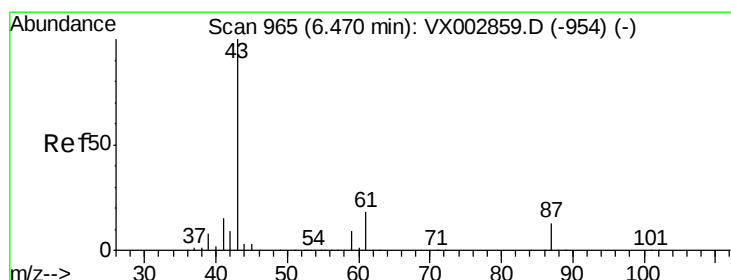
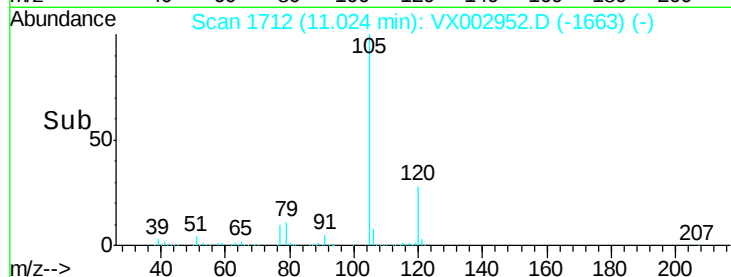
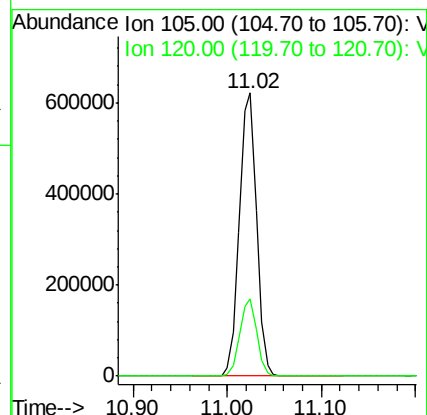
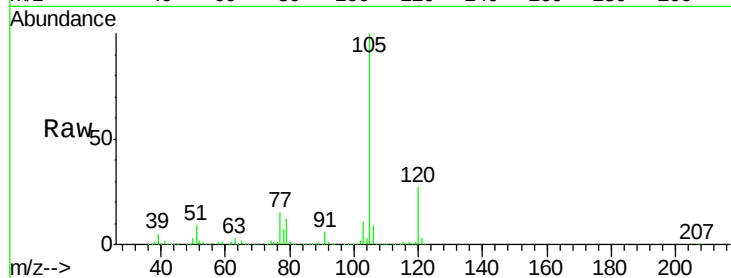
VSTDCCC050

Tot Ion:105 Resp: 787057

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 48.51 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Tgt Ion: 43 Resp: 361332

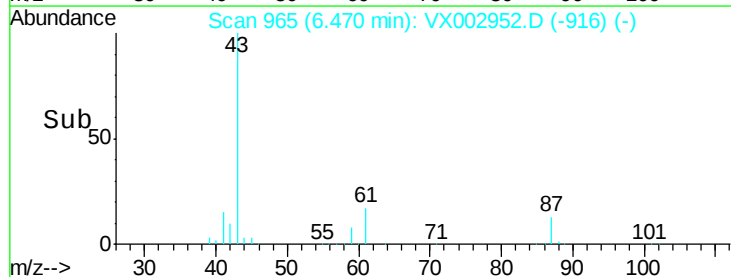
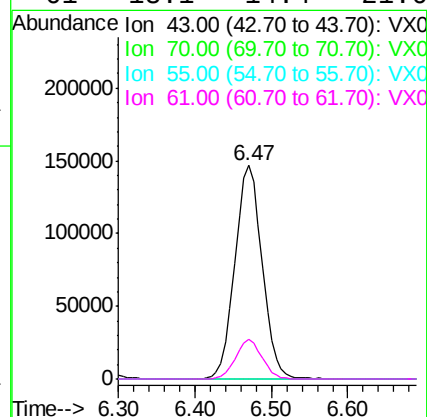
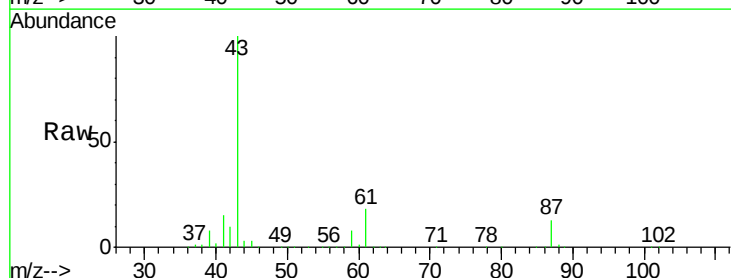
Ion Ratio Lower Upper

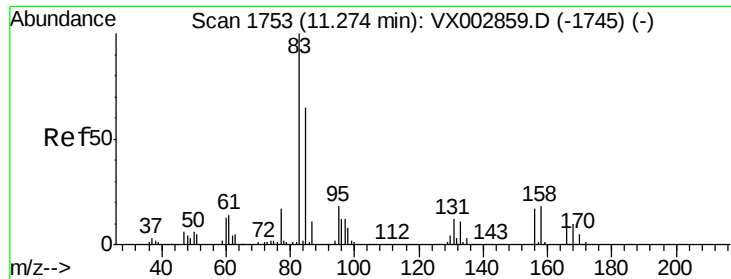
43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.38 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

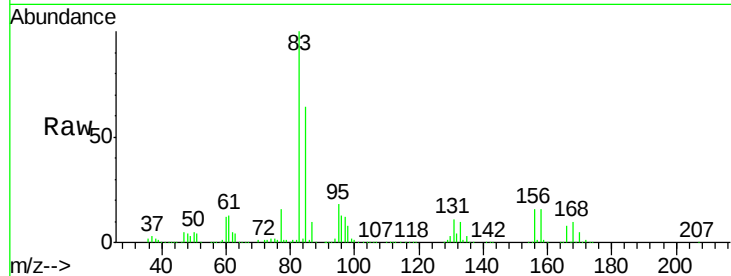
Tot Ion: 83 Resp: 231566

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

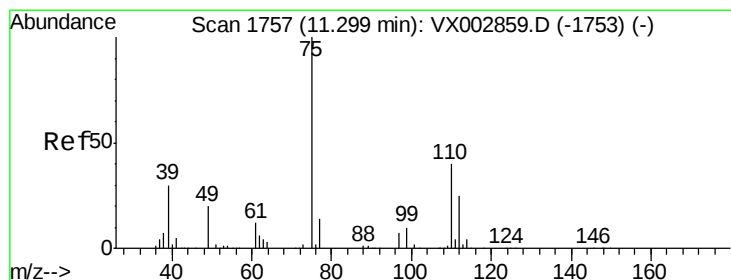
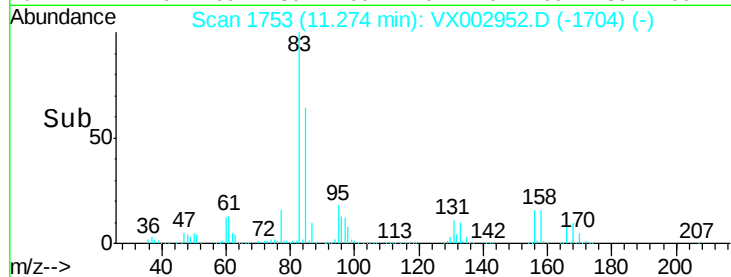
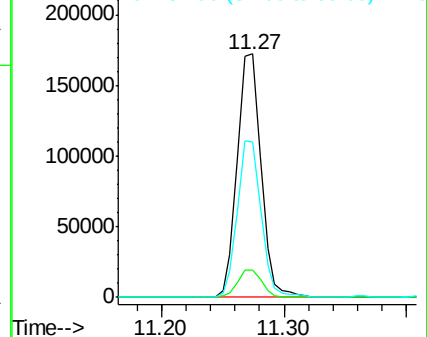
85 64.0 32.4 97.2



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: 65.38 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002952.D

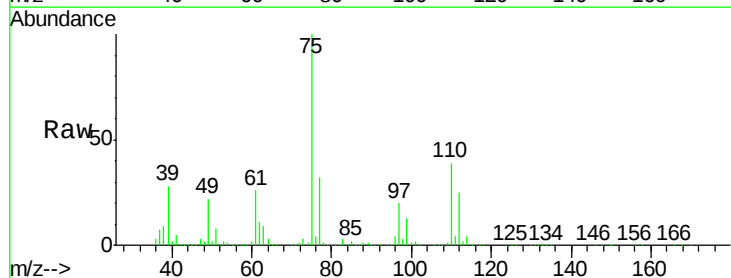
Acq: 27 Jun 2018 22:41

Tgt Ion: 75 Resp: 267995

Ion Ratio Lower Upper

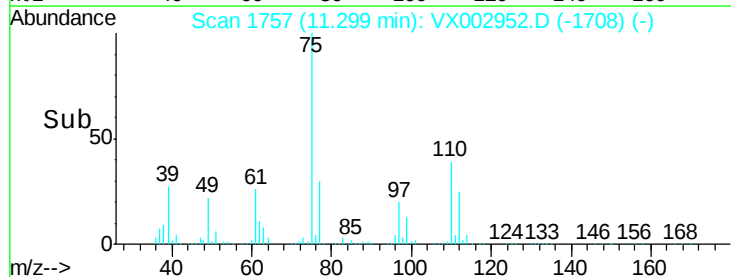
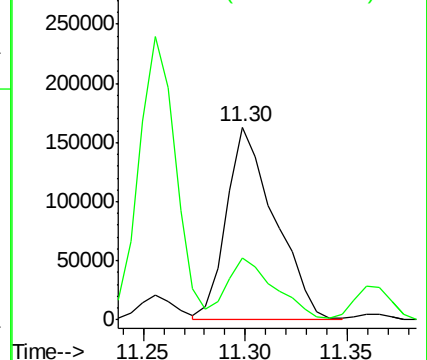
75 100

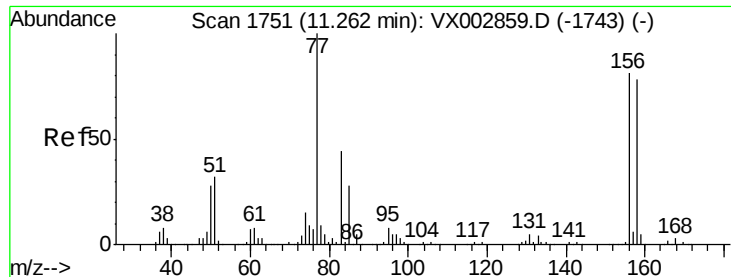
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.83 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

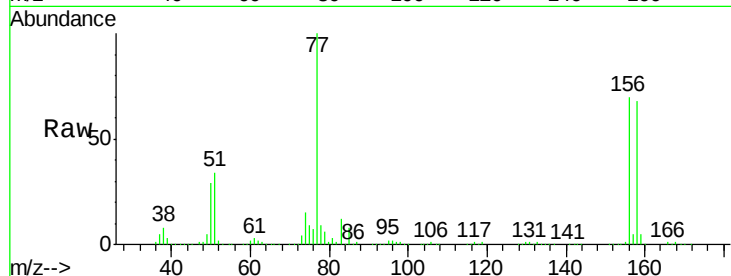
Tot Ion:156 Resp: 216026

Ion Ratio Lower Upper

156 100

77 138.2 71.4 214.2

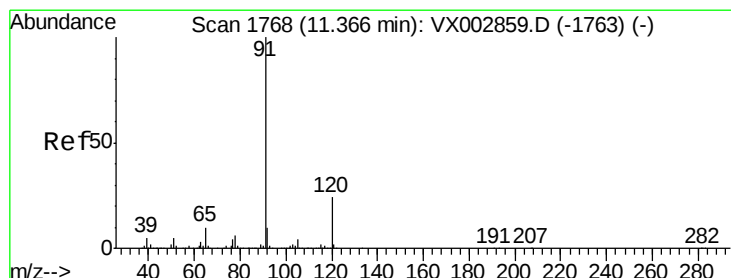
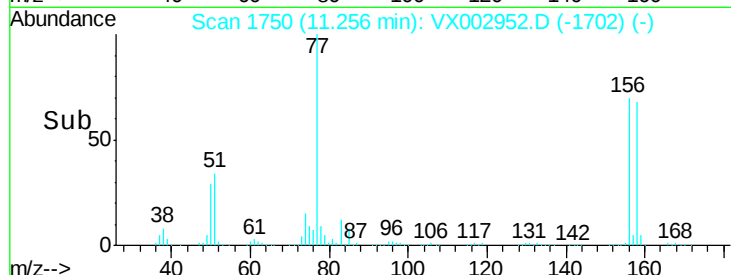
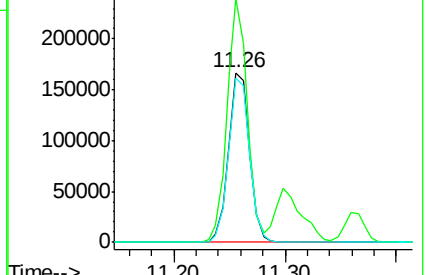
158 97.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.69 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002952.D

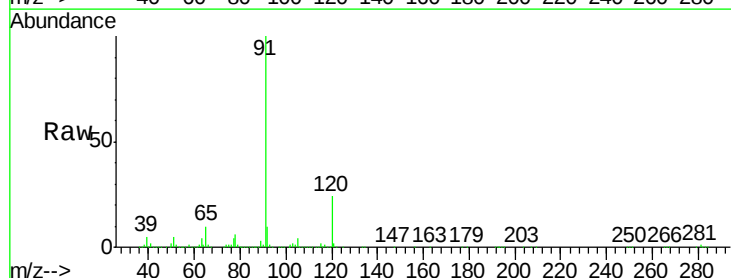
Acq: 27 Jun 2018 22:41

Tgt Ion: 91 Resp: 895782

Ion Ratio Lower Upper

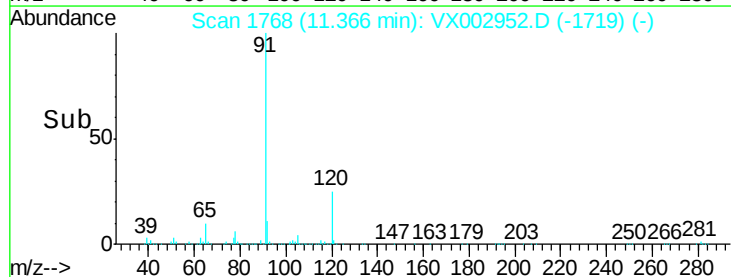
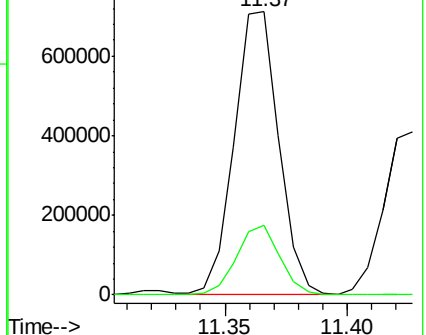
91 100

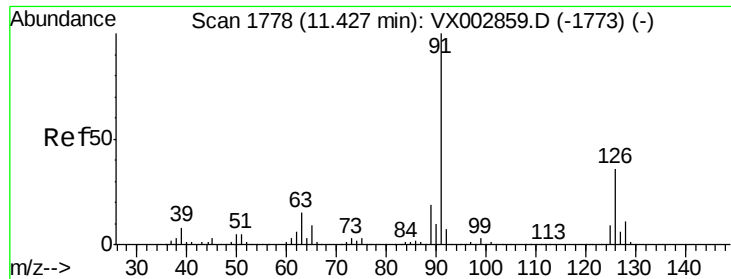
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.54 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

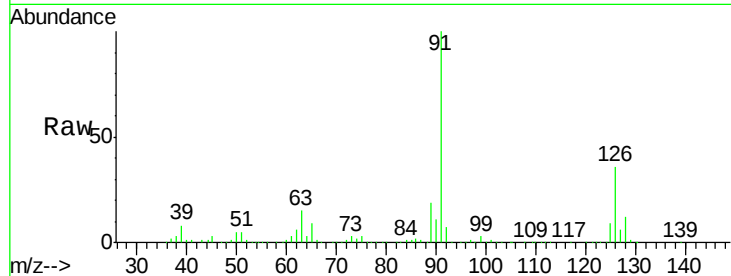
VSTDCCC050

Tot Ion: 91 Resp: 530225

Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)

800000

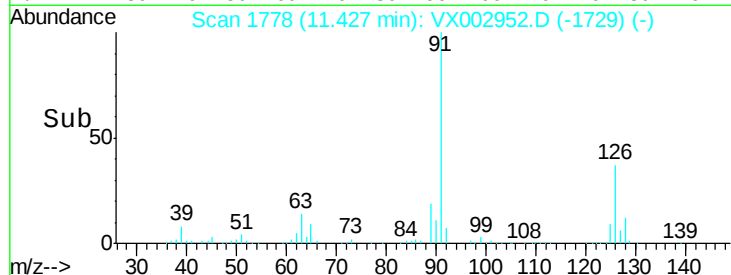
600000

400000

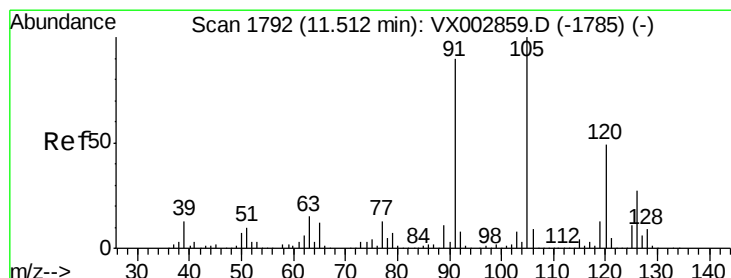
200000

0

11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.04 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002952.D

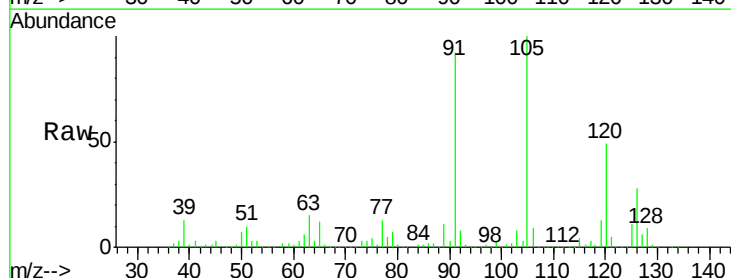
Acq: 27 Jun 2018 22:41

Tgt Ion: 105 Resp: 667345

Ion Ratio Lower Upper

105 100

120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)

600000

500000

400000

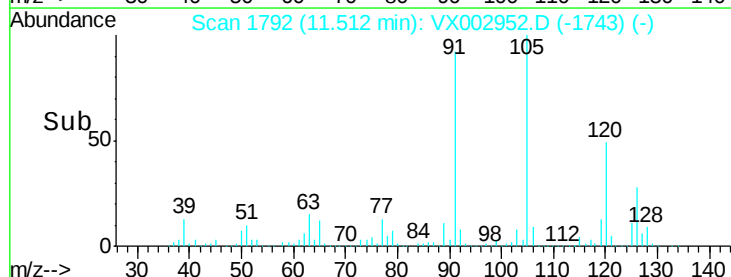
300000

200000

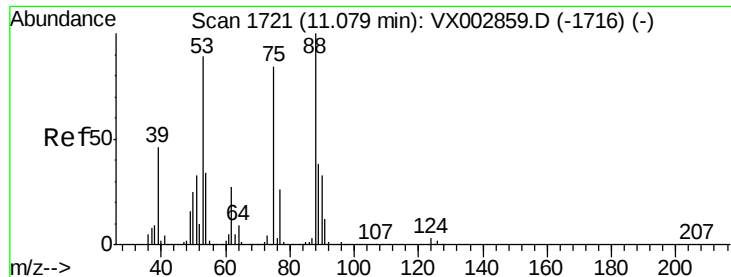
100000

0

11.50 11.60



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 43.39 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

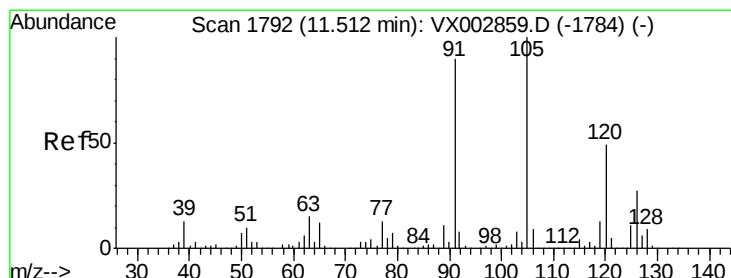
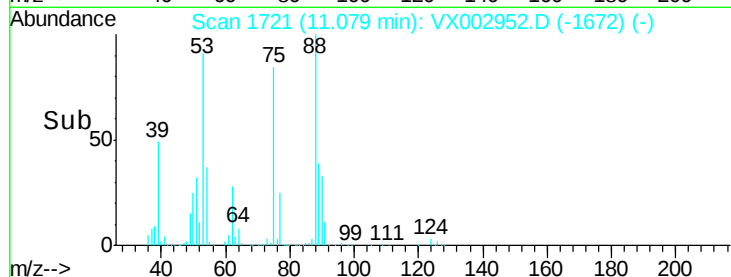
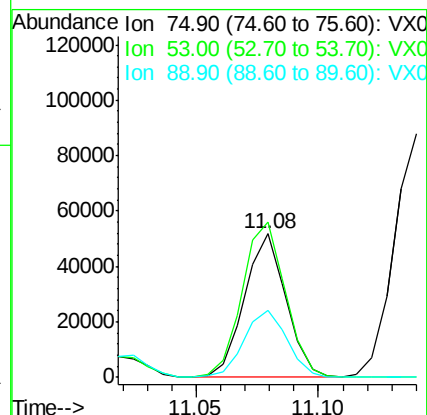
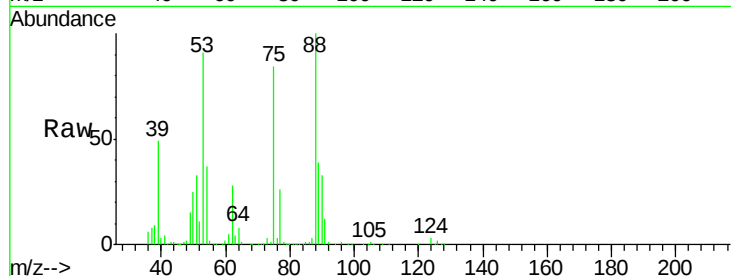
Tot Ion: 75 Resp: 60633

Ion Ratio Lower Upper

75 100

53 113.1 86.8 130.2

89 48.7 38.2 57.2



#82

4-Chlorotoluene

Concen: 50.58 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002952.D

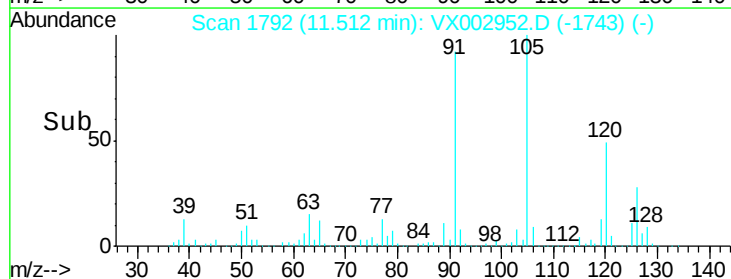
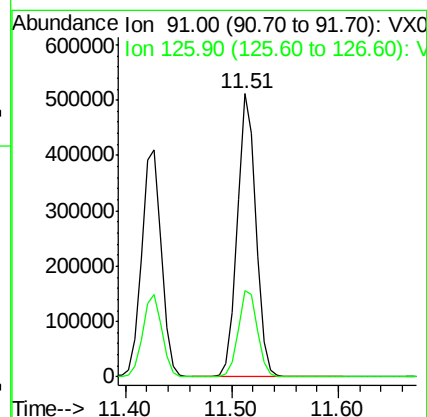
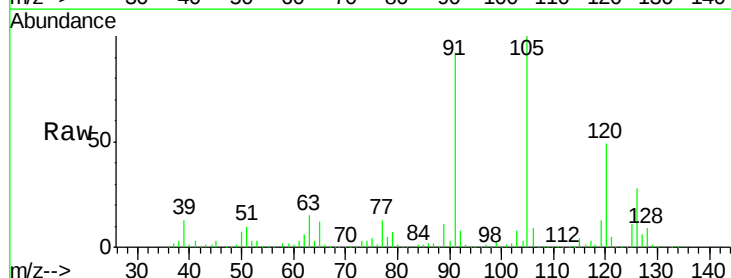
Acq: 27 Jun 2018 22:41

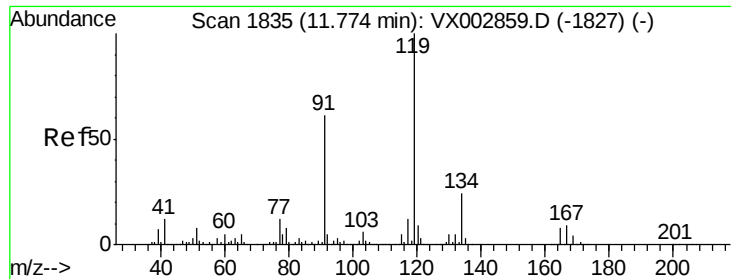
Tgt Ion: 91 Resp: 628264

Ion Ratio Lower Upper

91 100

126 31.4 15.4 46.4

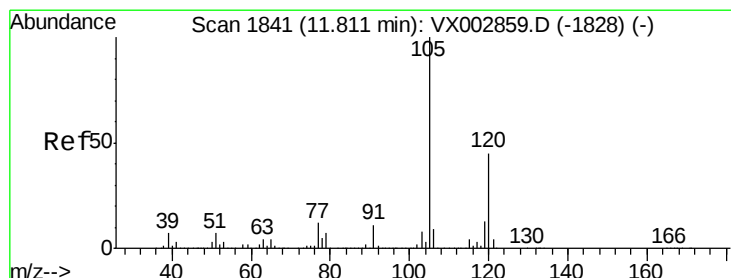
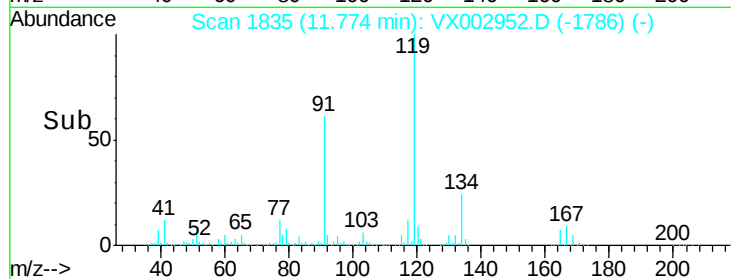
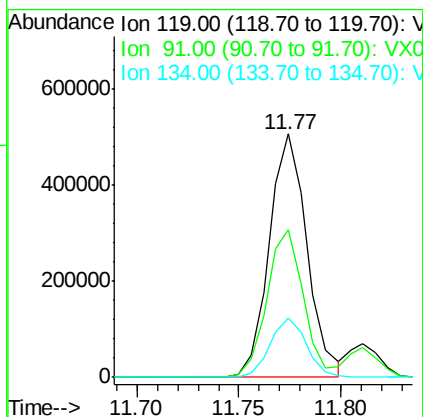
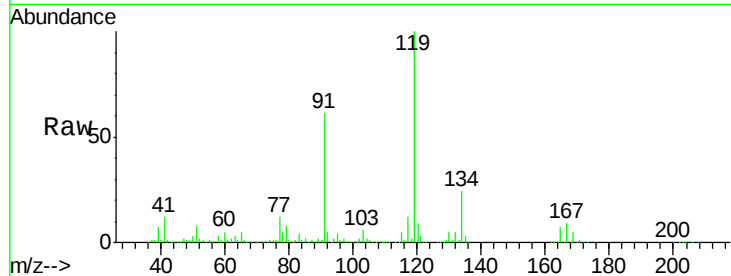




#83  
 tert-Butylbenzene  
 Concen: 51.75 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX002952.D  
 Acq: 27 Jun 2018 22:41

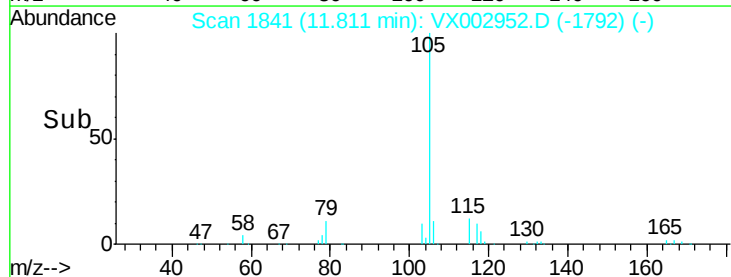
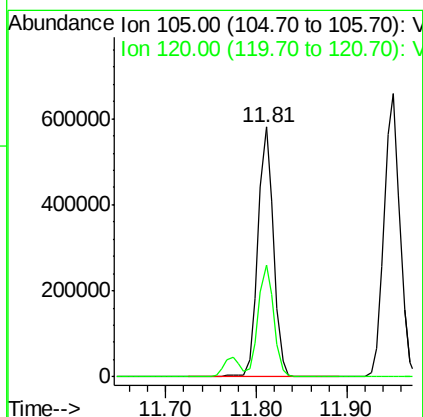
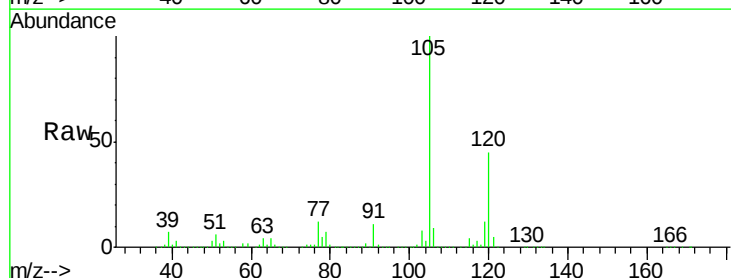
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

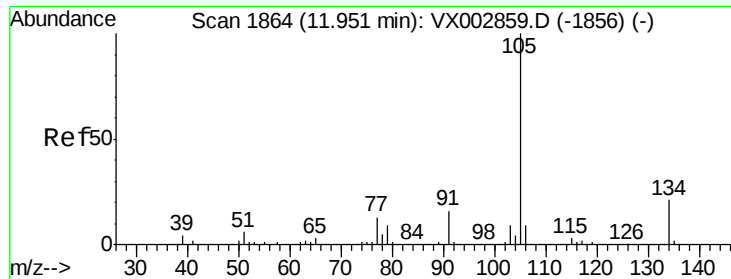
Tot Ion:119 Resp: 653932  
 Ion Ratio Lower Upper  
 119 100  
 91 59.3 30.3 90.9  
 134 23.6 11.7 35.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.53 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX002952.D  
 Acq: 27 Jun 2018 22:41

Tgt Ion:105 Resp: 684542  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.84 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

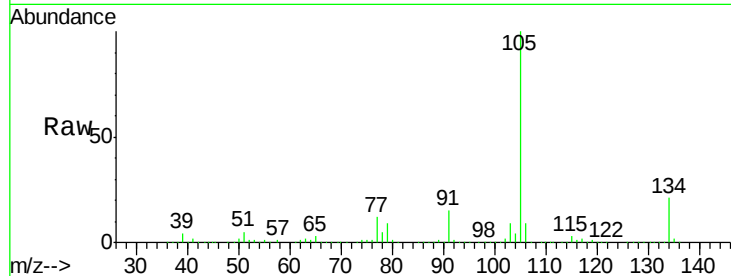
VSTDCCC050

Tot Ion:105 Resp: 794735

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

11.95

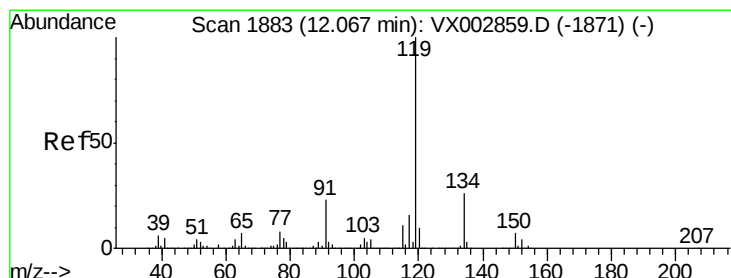
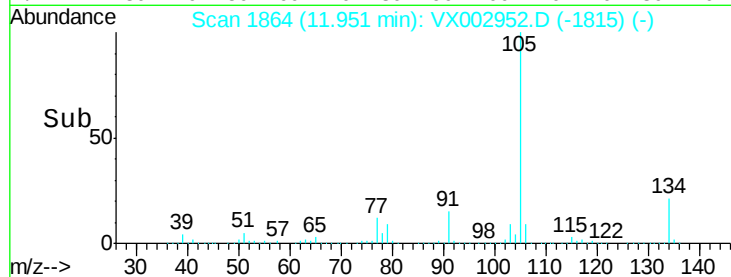
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.18 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

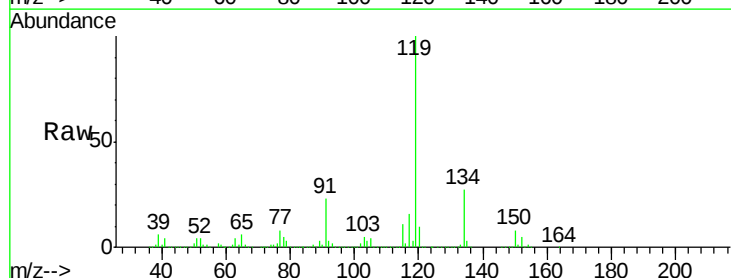
Tgt Ion:119 Resp: 719130

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.5 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): VX0

12.07

800000

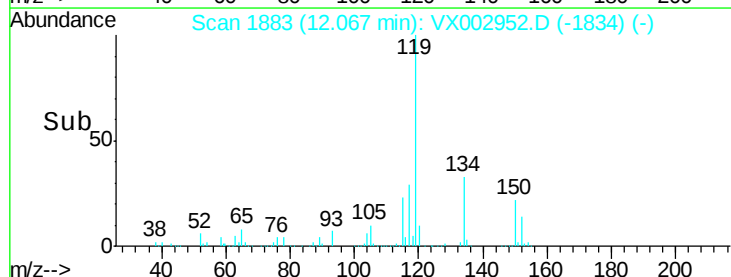
600000

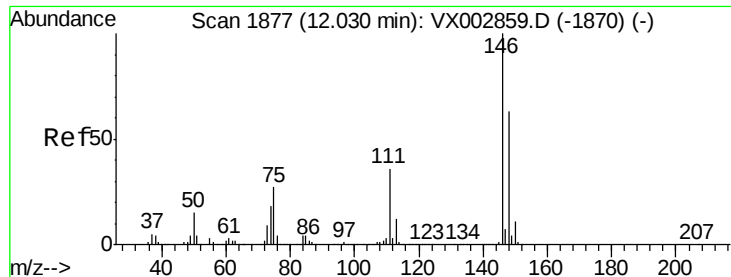
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.50 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

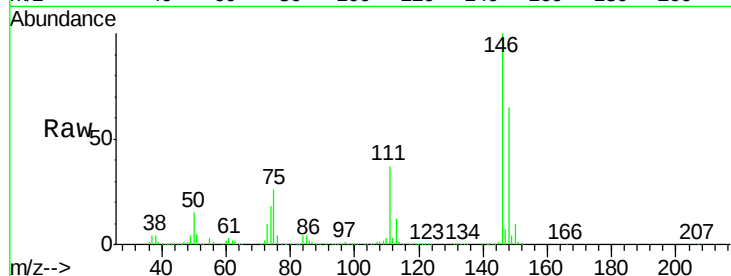
Tot Ion:146 Resp: 391967

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

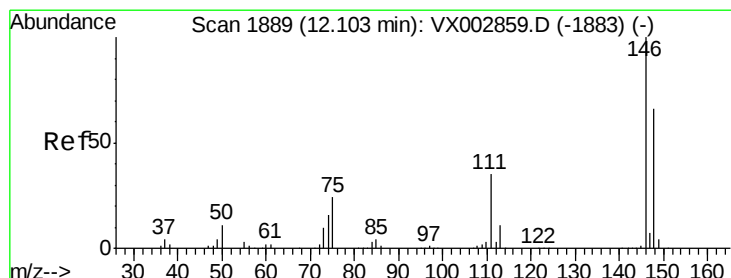
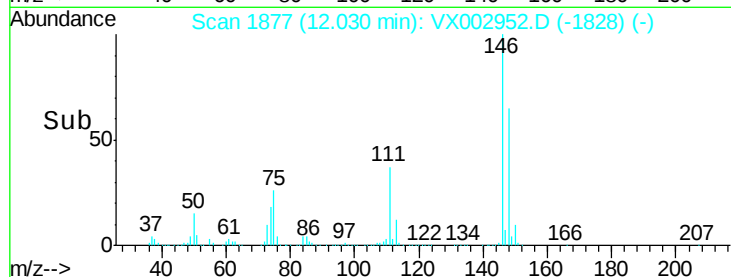
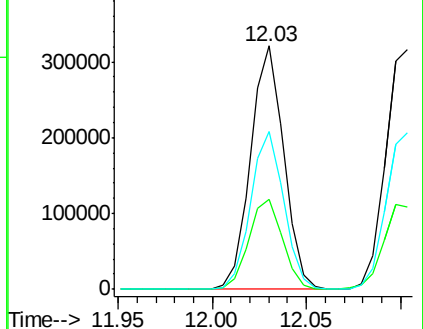
148 64.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.77 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

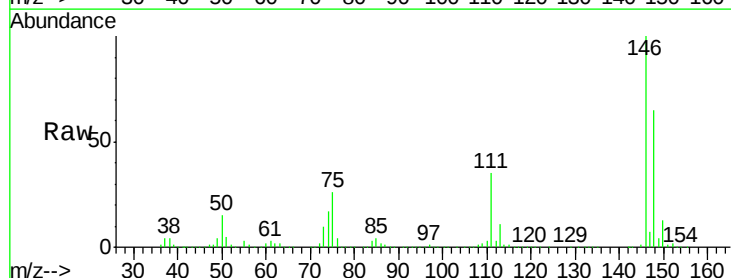
Tgt Ion:146 Resp: 397448

Ion Ratio Lower Upper

146 100

111 36.6 18.7 56.1

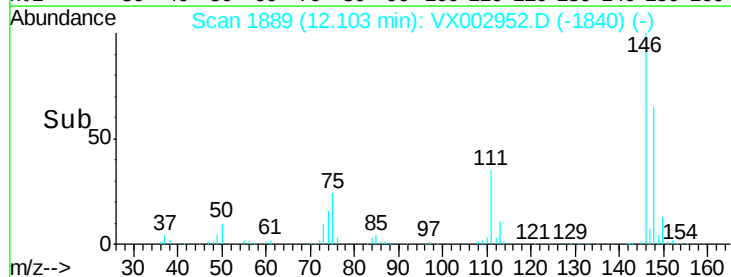
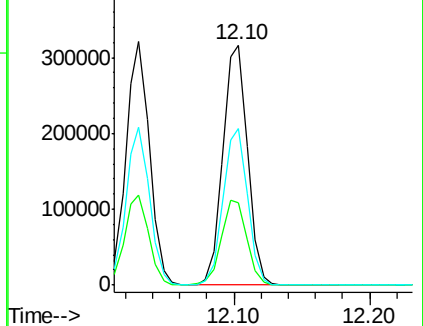
148 64.8 32.4 97.0

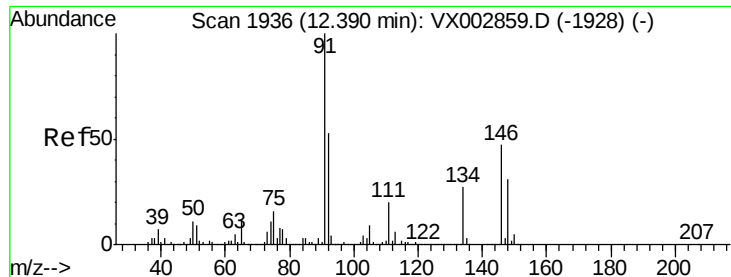


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

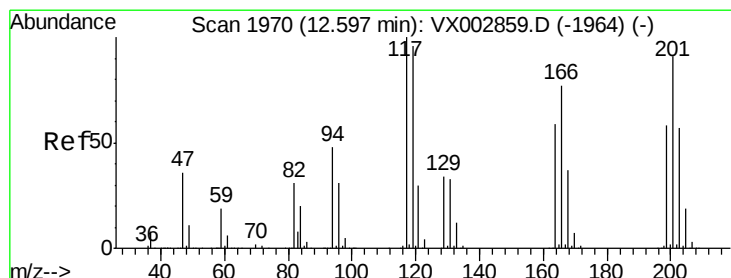
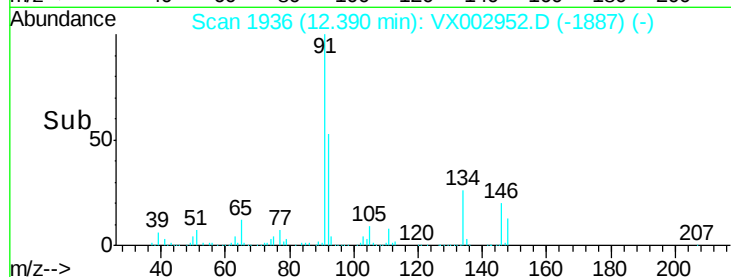
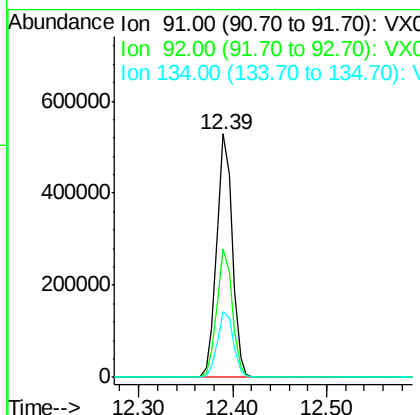
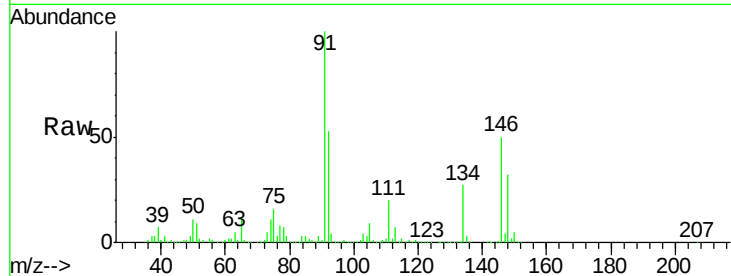




#89  
n-Butylbenzene  
Concen: 50.86 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

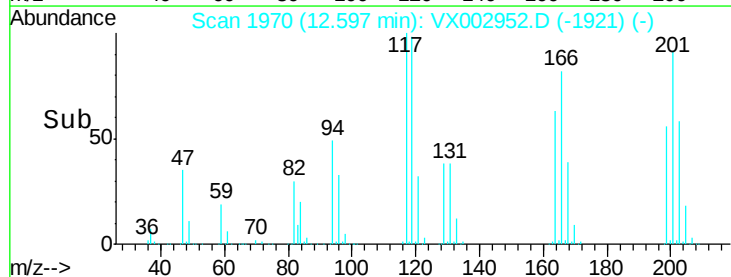
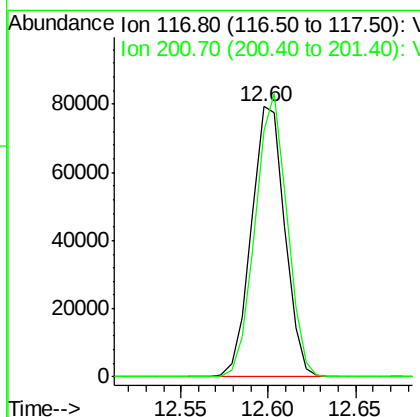
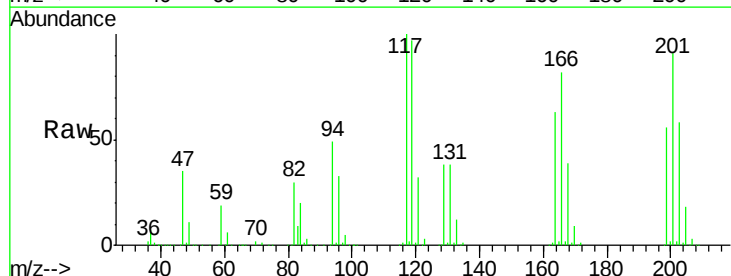
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

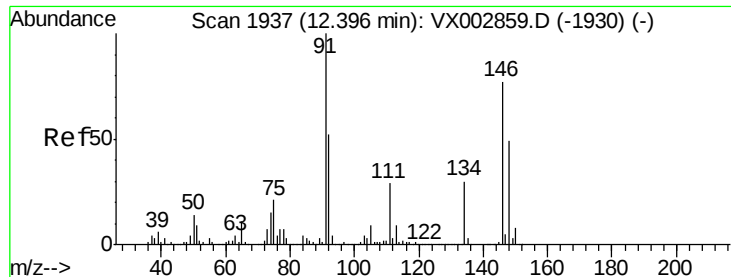
Tot Ion: 91 Resp: 610163  
Ion Ratio Lower Upper  
91 100  
92 52.3 26.0 78.0  
134 27.6 13.5 40.5



#90  
Hexachloroethane  
Concen: 51.46 ug/l  
RT: 12.60 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: VX002952.D  
Acq: 27 Jun 2018 22:41

Tgt Ion: 117 Resp: 105488  
Ion Ratio Lower Upper  
117 100  
201 99.5 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 49.44 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

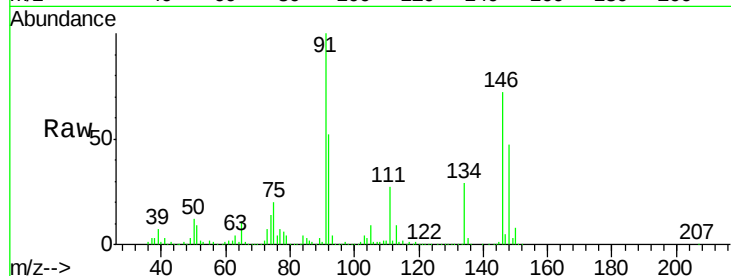
Tot Ion:146 Resp: 395130

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.1

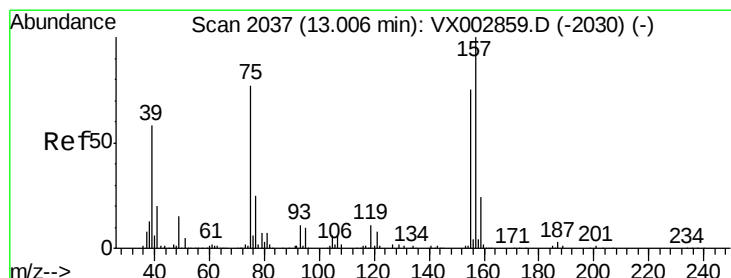
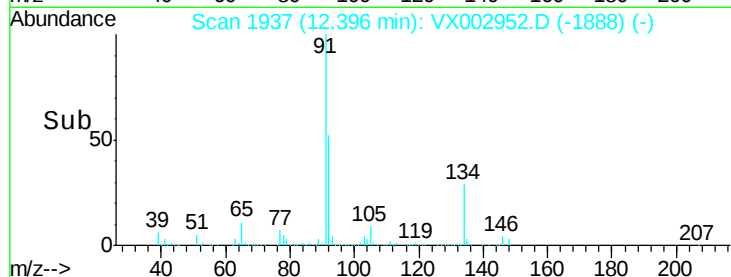
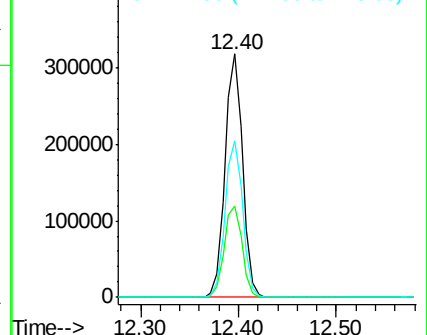
148 64.7 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.05 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

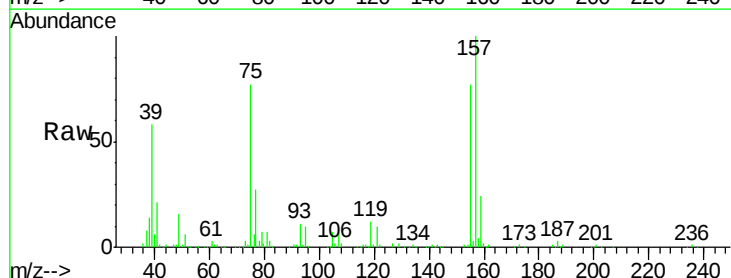
Tgt Ion: 75 Resp: 52766

Ion Ratio Lower Upper

75 100

155 95.5 45.8 137.4

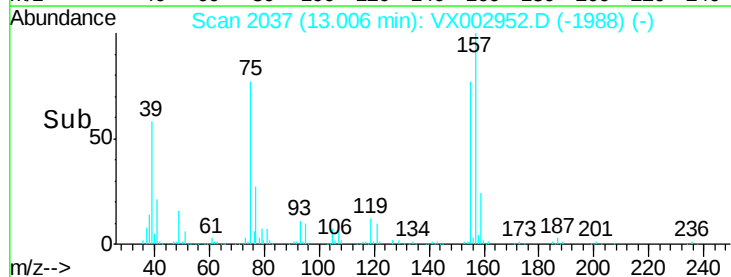
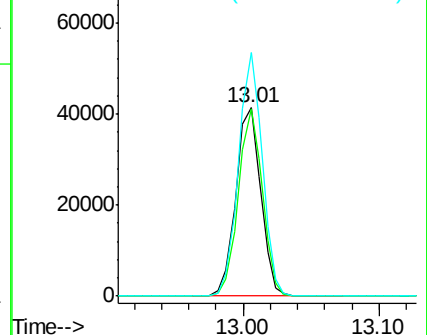
157 123.1 60.1 180.3

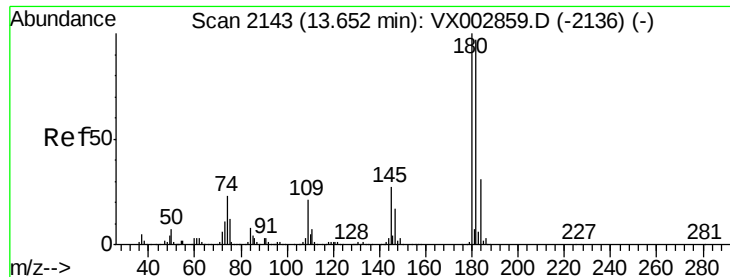


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 49.59 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

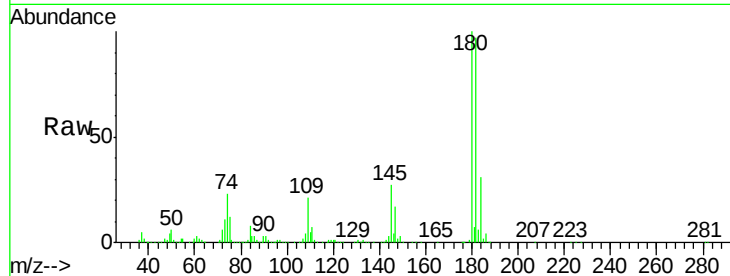
Tot Ion:180 Resp: 288414

Ion Ratio Lower Upper

180 100

182 95.8 47.7 143.1

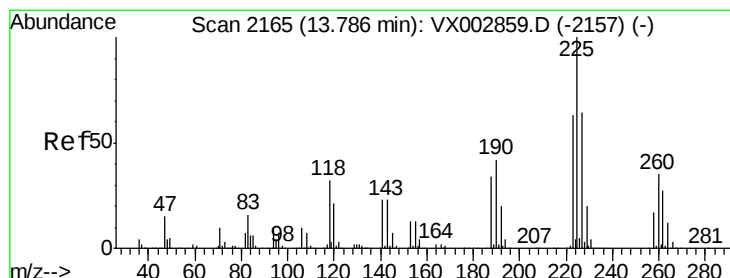
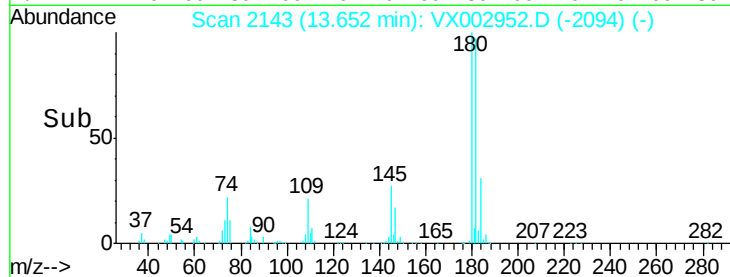
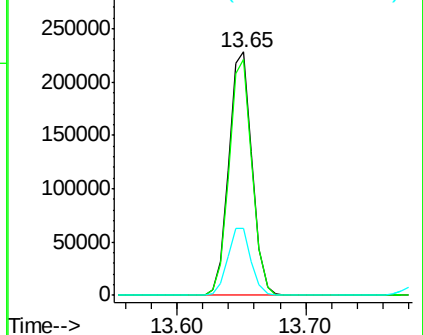
145 27.7 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 49.83 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

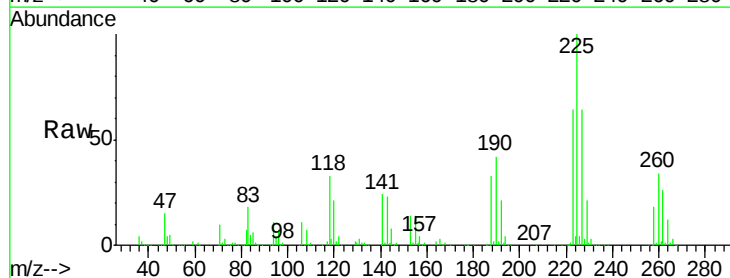
Tgt Ion:225 Resp: 144560

Ion Ratio Lower Upper

225 100

223 62.1 31.6 95.0

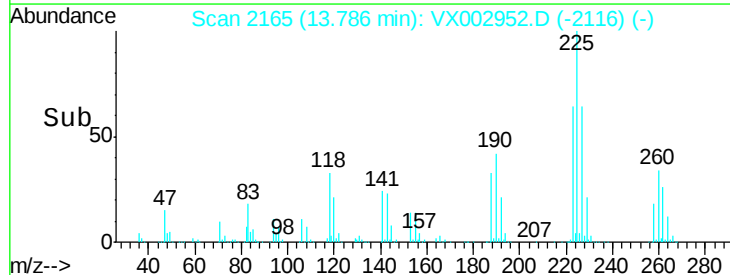
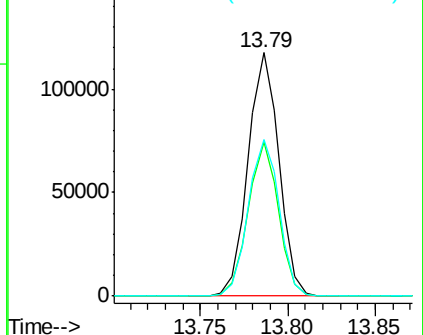
227 64.8 32.4 97.2

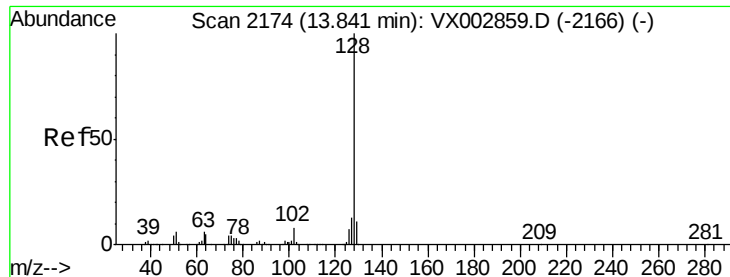


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.54 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

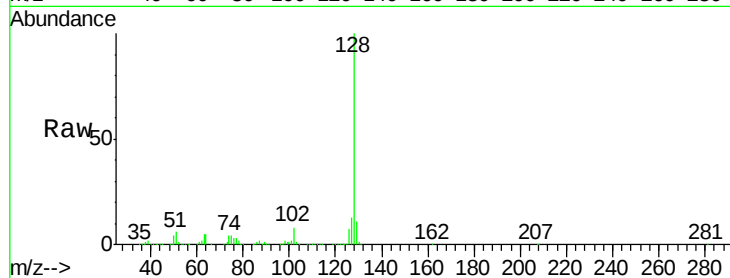
Tot Ion:128 Resp: 813861

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

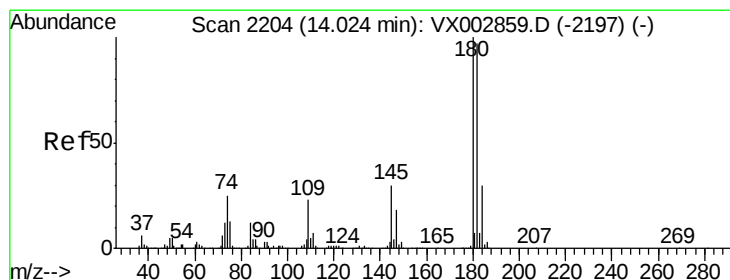
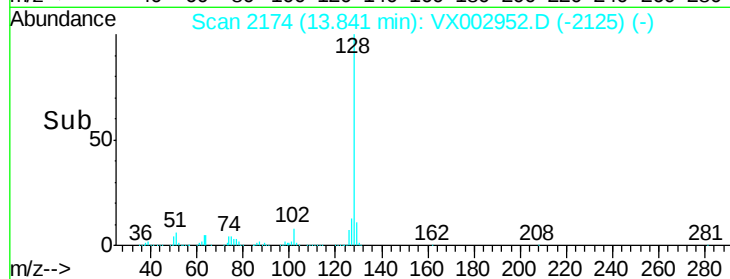
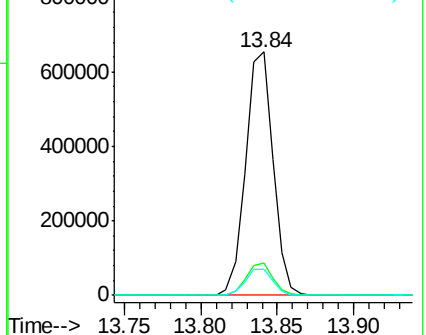
129 11.0 8.6 13.0



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: 50.47 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

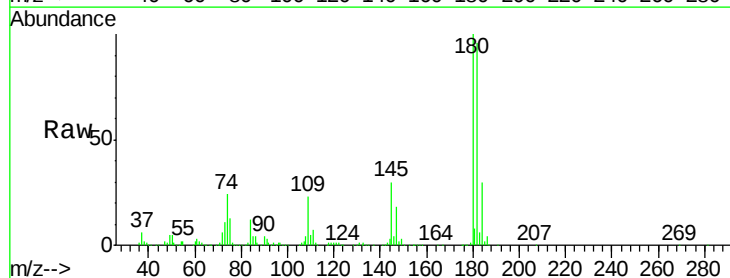
Tgt Ion:180 Resp: 293232

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.0

145 29.5 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

