

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\  
 Data File : VX016535.D  
 Acq On : 01 Jun 2020 17:37  
 Operator : JC/SP  
 Sample : L2801-12  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW598-200528

Quant Time: Jun 02 03:15:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 27 16:31:05 2020  
 Response via : Initial Calibration

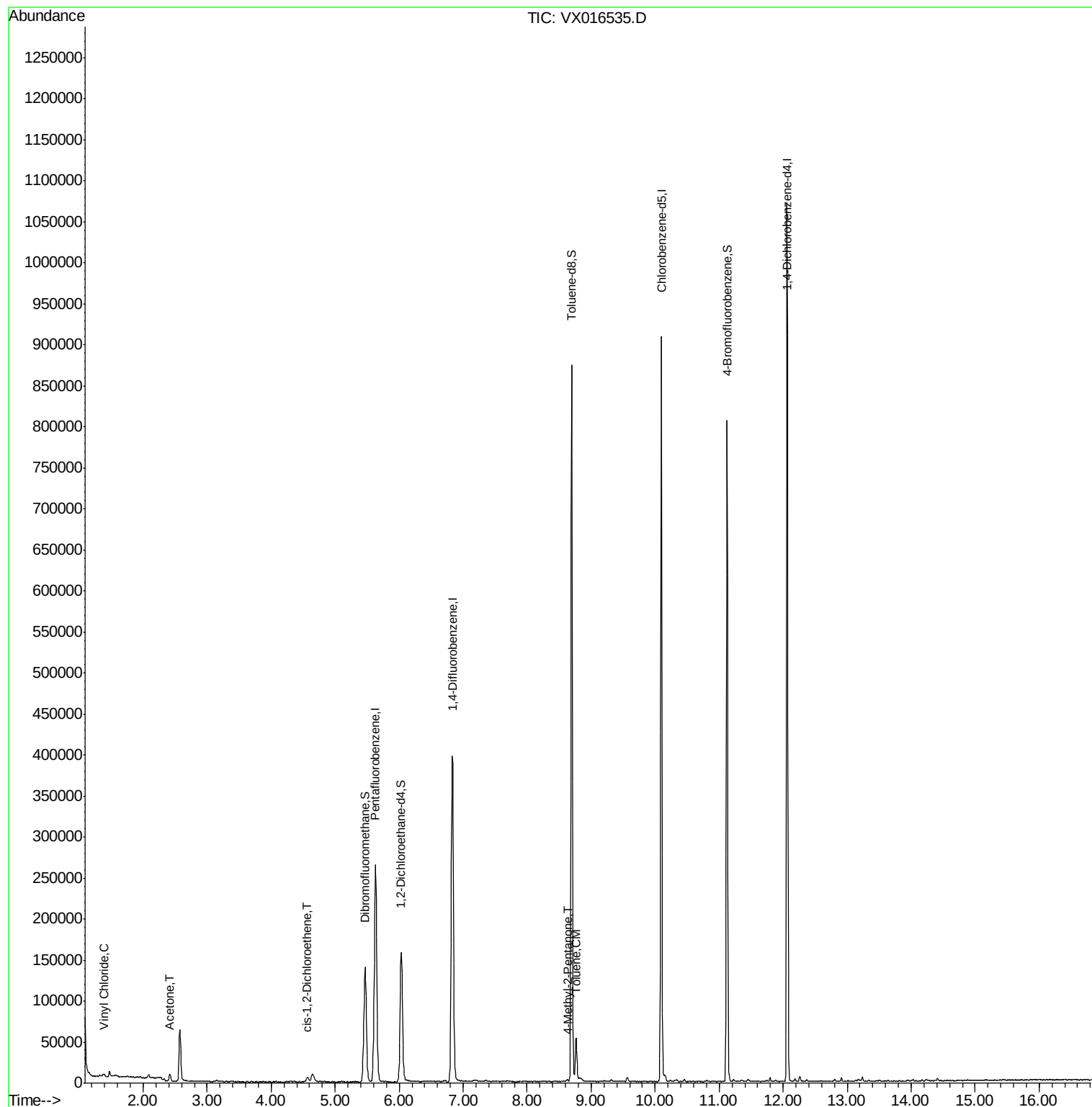
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 255596   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 415017   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 417869   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 224917   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 153867   | 48.47 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.94%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 121412   | 47.51 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.02%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 510674   | 51.34 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.68% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 213410   | 55.53 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 111.06% |          |
| Target Compounds            |       |      |          |       |         |          |
| 4) Vinyl Chloride           | 1.39  | 62   | 1515     | 0.471 | ug/l    | 96       |
| 16) Acetone                 | 2.42  | 43   | 8337     | 5.995 | ug/l #  | 88       |
| 27) cis-1,2-Dichloroethene  | 4.56  | 96   | 4053     | 1.288 | ug/l    | 83       |
| 51) 4-Methyl-2-Pentanone    | 8.62  | 43   | 1602     | 0.350 | ug/l    | 92       |
| 52) Toluene                 | 8.77  | 92   | 19788    | 2.682 | ug/l    | 99       |

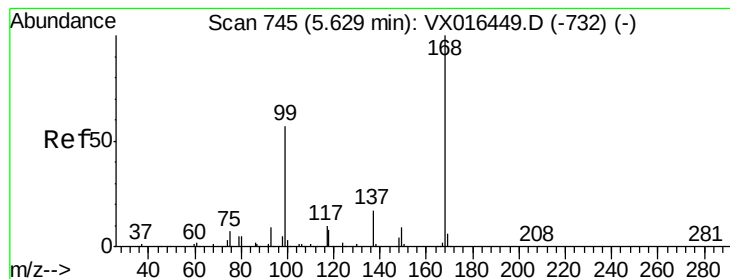
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060120\  
Data File : VX016535.D  
Acq On : 01 Jun 2020 17:37  
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Sample : L2801-12  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
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SS050MW598-200528

Quant Time: Jun 02 03:15:21 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 27 16:31:05 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016535.D

Acq: 01 Jun 2020 17:37

Instrument :

MSVOA\_X

ClientSampleId :

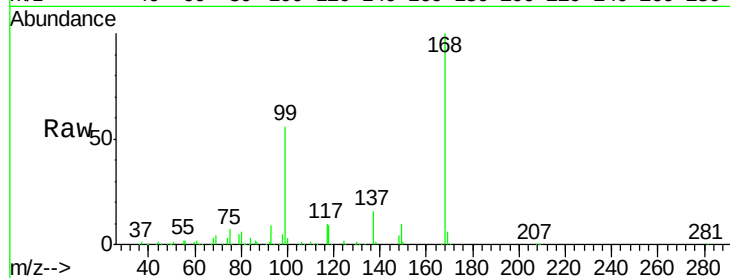
SS050MW598-200528

Tot Ion:168 Resp: 255596

Ion Ratio Lower Upper

168 100

99 56.4 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

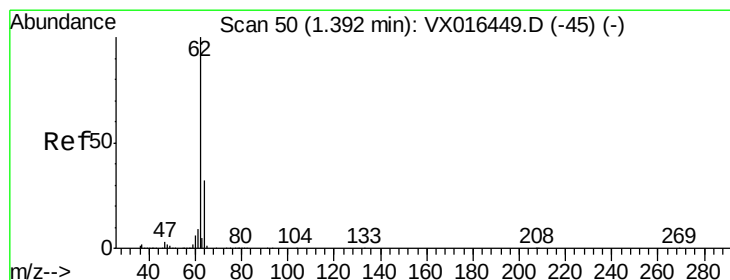
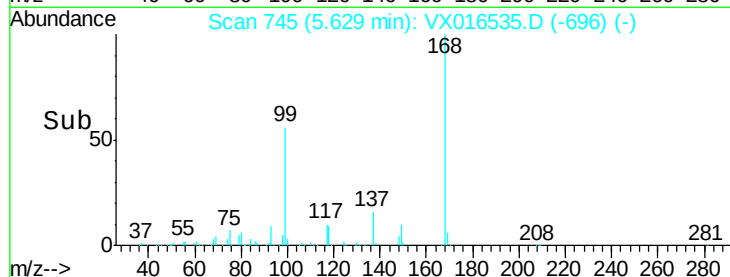
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 0.471 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016535.D

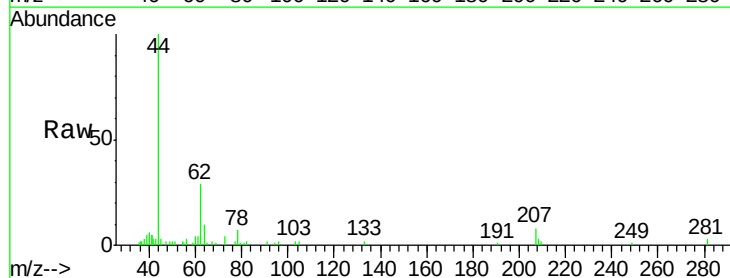
Acq: 01 Jun 2020 17:37

Tgt Ion: 62 Resp: 1515

Ion Ratio Lower Upper

62 100

64 34.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

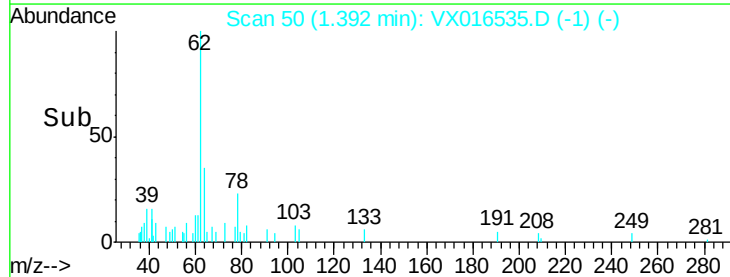
1500

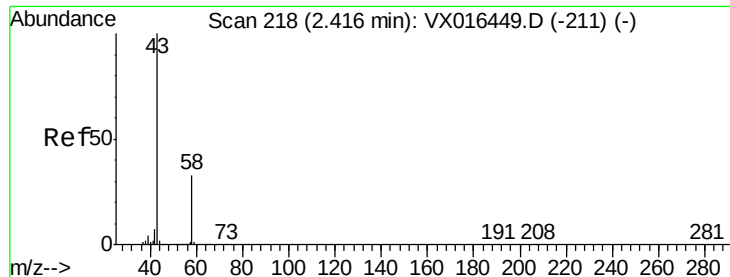
1000

500

0

Time-->





#16

Acetone

Concen: 5.995 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016535.D

Acq: 01 Jun 2020 17:37

Instrument :

MSVOA\_X

ClientSampleId :

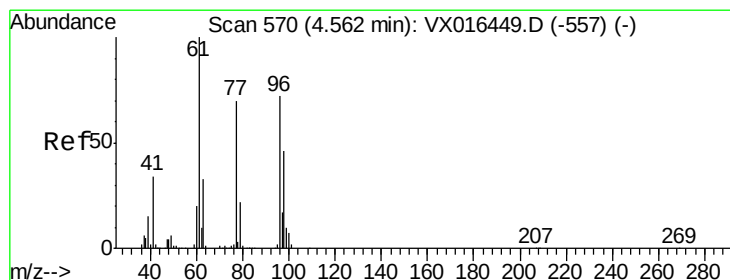
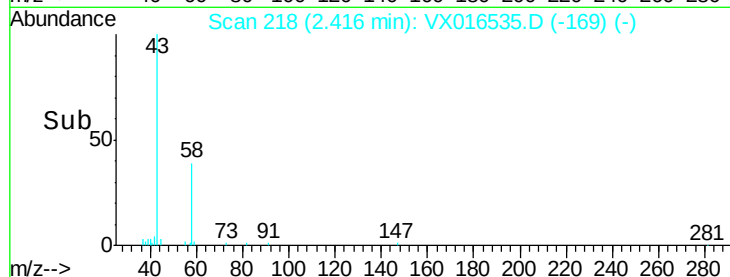
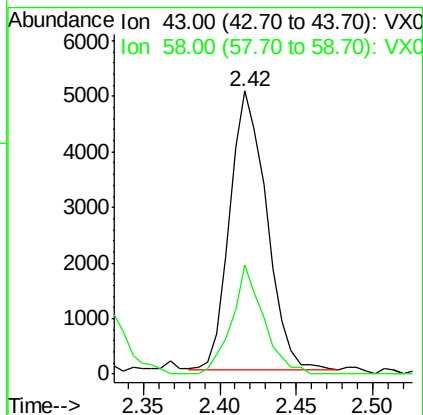
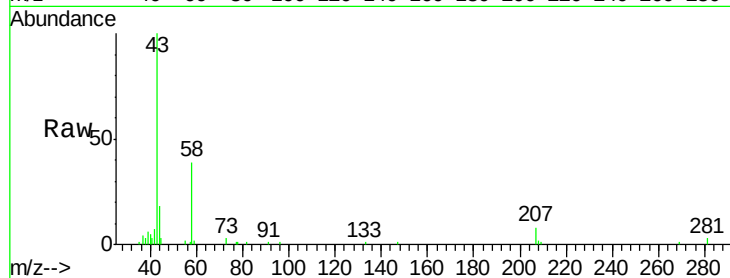
SS050MW598-200528

Tot Ion: 43 Resp: 8337

Ion Ratio Lower Upper

43 100

58 39.2 26.1 39.1#



#27

cis-1,2-Dichloroethene

Concen: 1.288 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX016535.D

Acq: 01 Jun 2020 17:37

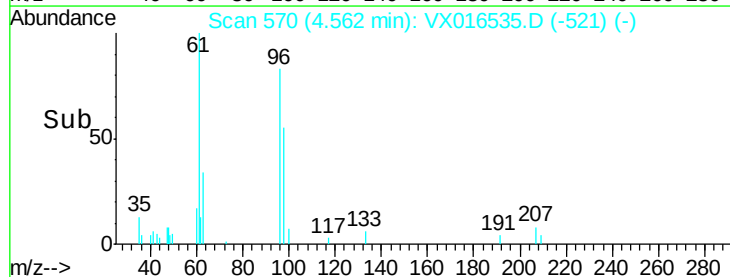
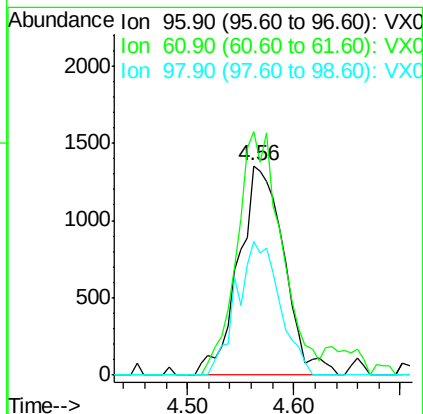
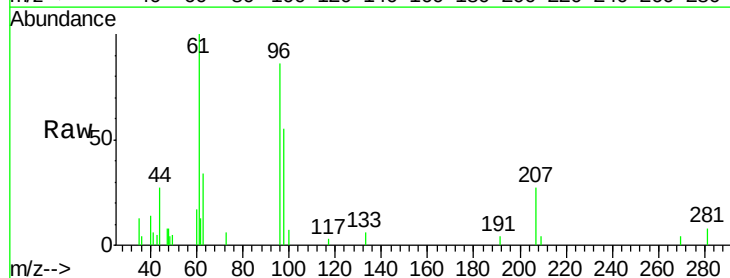
Tgt Ion: 96 Resp: 4053

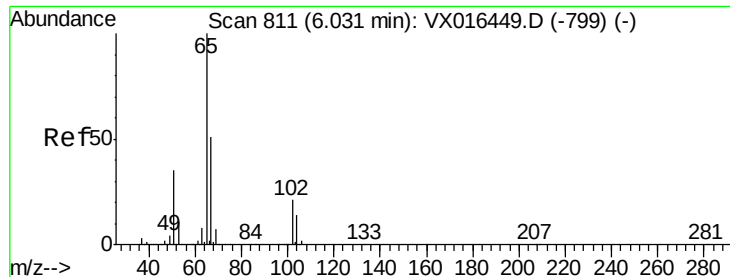
Ion Ratio Lower Upper

96 100

61 113.9 0.0 284.6

98 60.5 0.0 127.2

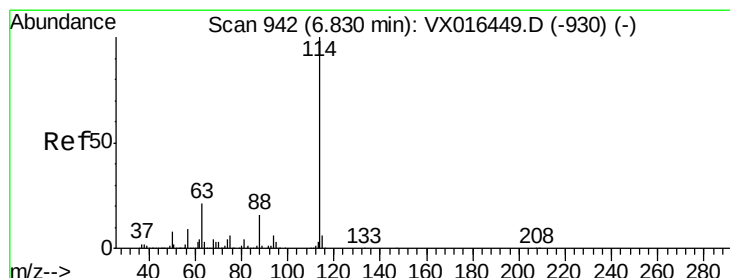
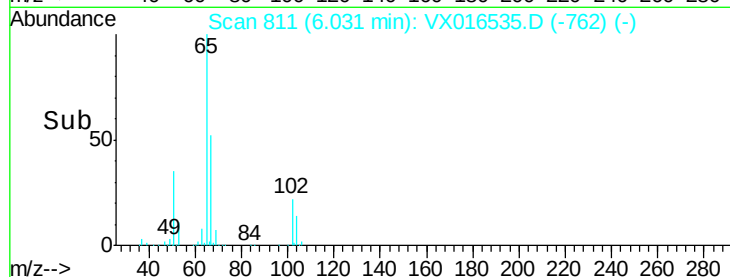
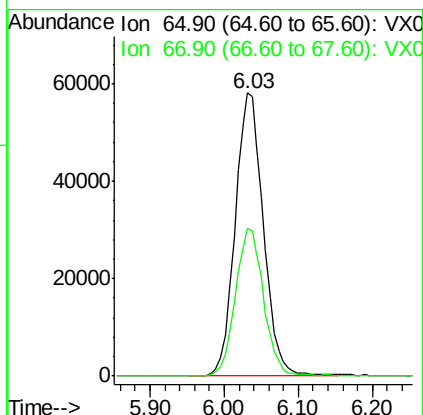
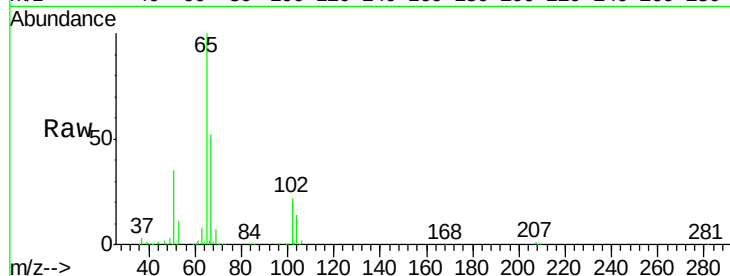




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.475 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. 0.00 min  
 Lab File: VX016535.D  
 Acq: 01 Jun 2020 17:37

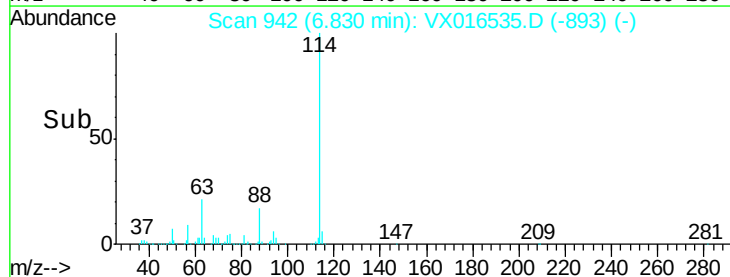
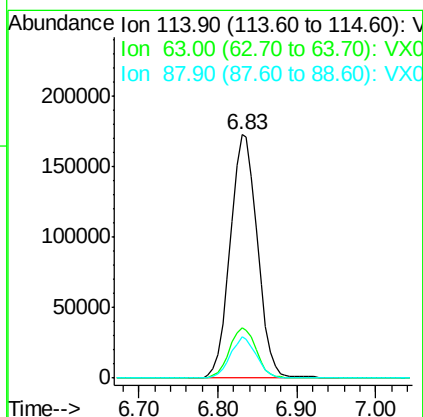
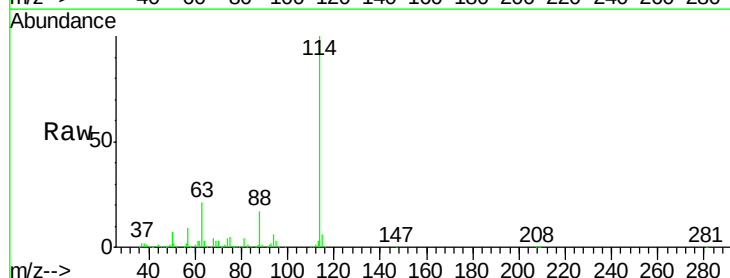
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW598-200528

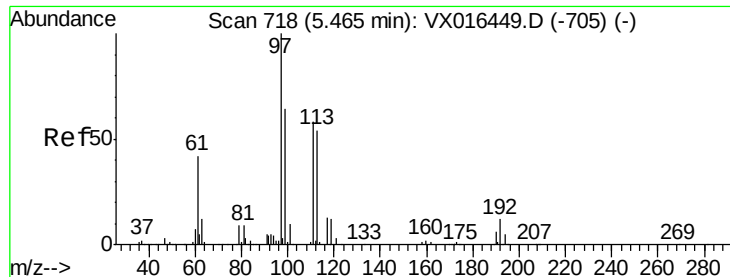
Tot Ion: 65 Resp: 153867  
 Ion Ratio Lower Upper  
 65 100  
 67 52.2 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. 0.00 min  
 Lab File: VX016535.D  
 Acq: 01 Jun 2020 17:37

Tgt Ion: 114 Resp: 415017  
 Ion Ratio Lower Upper  
 114 100  
 63 20.6 0.0 42.6  
 88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.511 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016535.D

Acq: 01 Jun 2020 17:37

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW598-200528

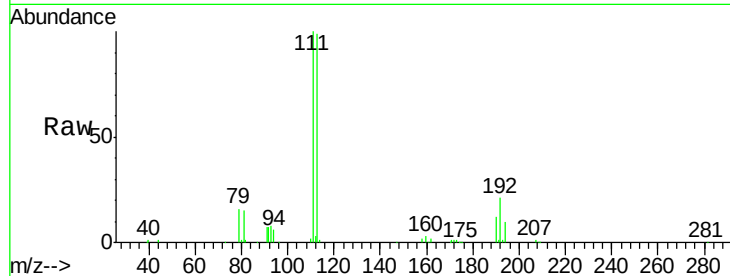
Tot Ion:113 Resp: 121412

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.6

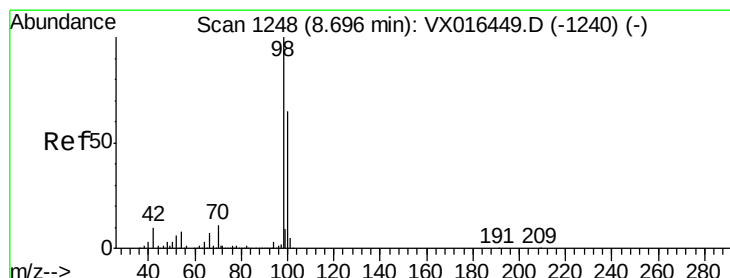
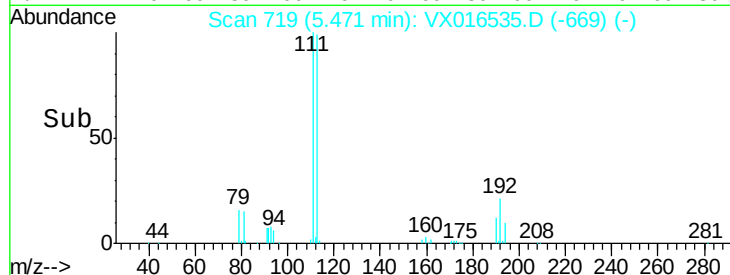
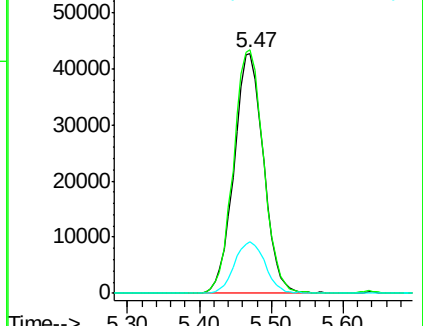
192 22.6 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 51.343 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016535.D

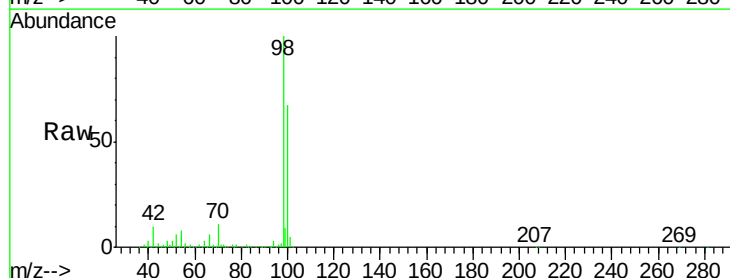
Acq: 01 Jun 2020 17:37

Tgt Ion: 98 Resp: 510674

Ion Ratio Lower Upper

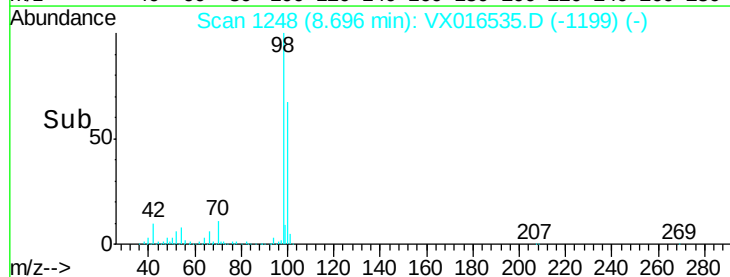
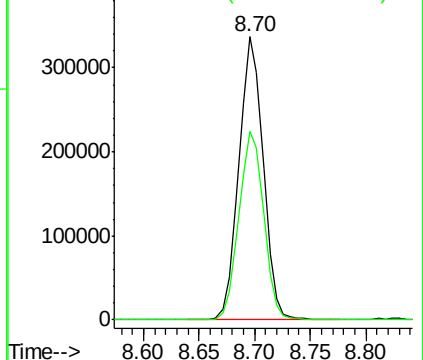
98 100

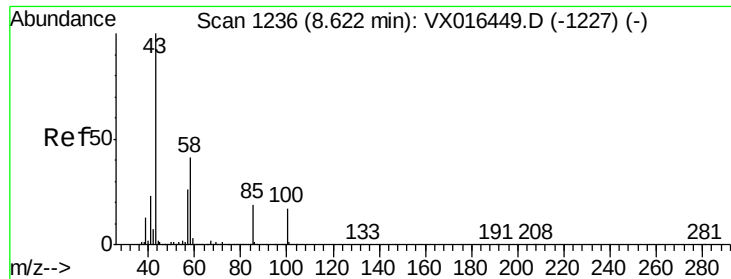
100 67.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

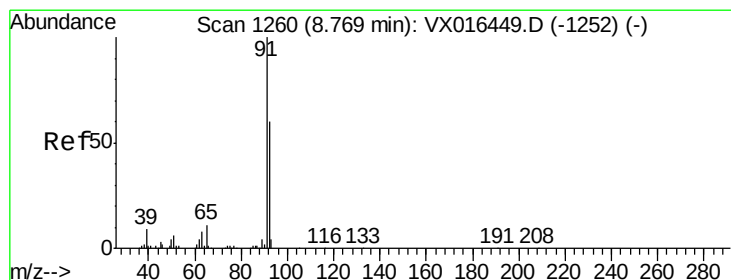
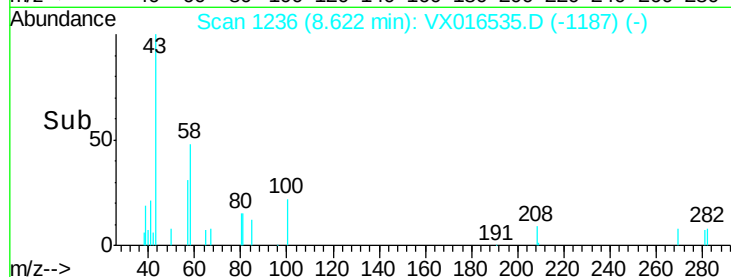
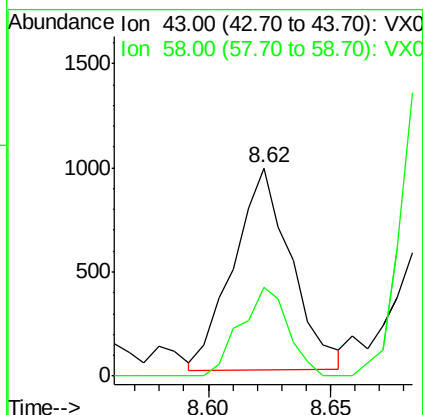
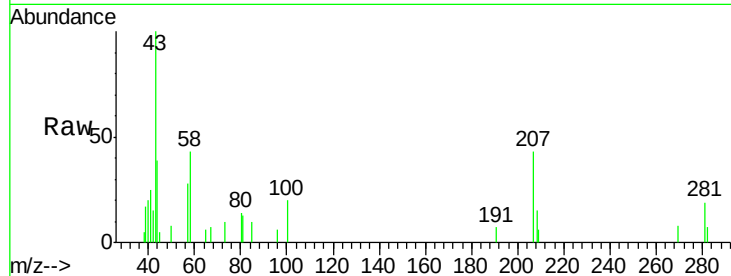




#51  
 4-Methyl-2-Pentanone  
 Concen: 0.350 ug/l  
 RT: 8.62 min Scan# 1236  
 Delta R.T. 0.00 min  
 Lab File: VX016535.D  
 Acq: 01 Jun 2020 17:37

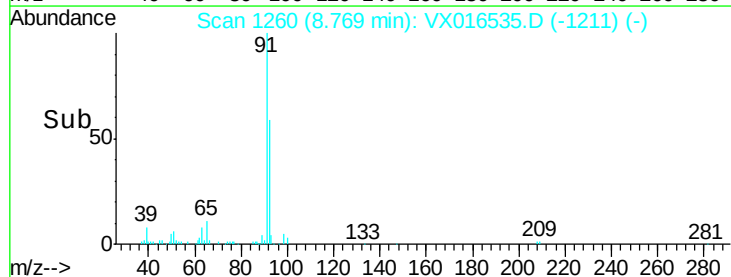
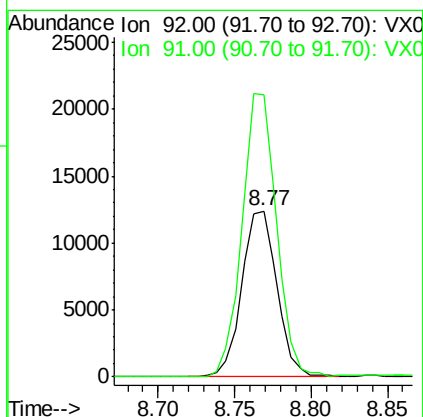
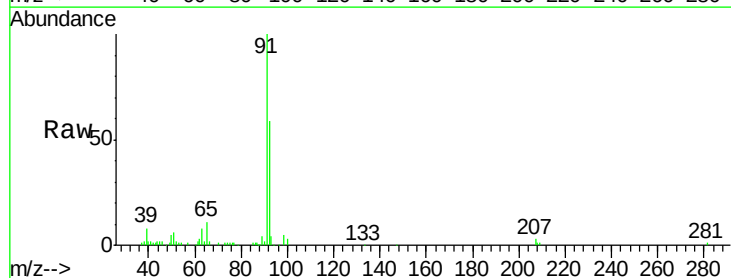
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW598-200528

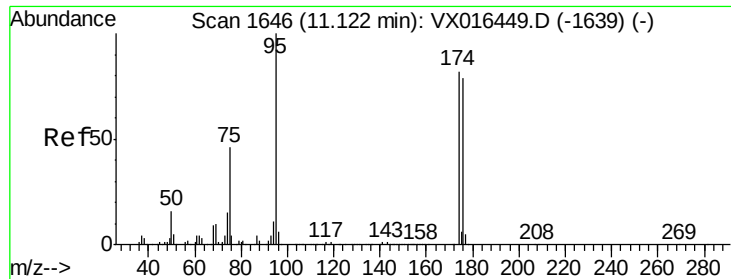
Tot Ion: 43 Resp: 1602  
 Ion Ratio Lower Upper  
 43 100  
 58 36.3 33.0 49.6



#52  
 Toluene  
 Concen: 2.682 ug/l  
 RT: 8.77 min Scan# 1260  
 Delta R.T. 0.00 min  
 Lab File: VX016535.D  
 Acq: 01 Jun 2020 17:37

Tgt Ion: 92 Resp: 19788  
 Ion Ratio Lower Upper  
 92 100  
 91 167.4 135.0 202.4





#62

4-Bromofluorobenzene

Concen: 55.528 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016535.D

Acq: 01 Jun 2020 17:37

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW598-200528

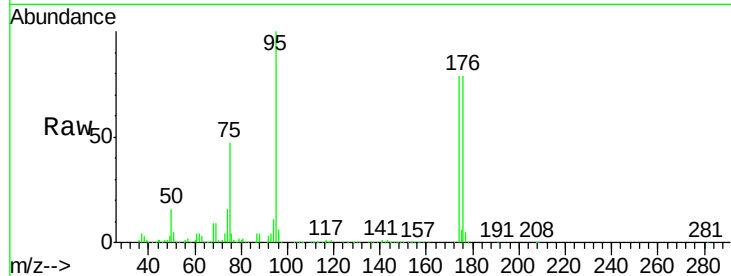
Tot Ion: 95 Resp: 213410

Ion Ratio Lower Upper

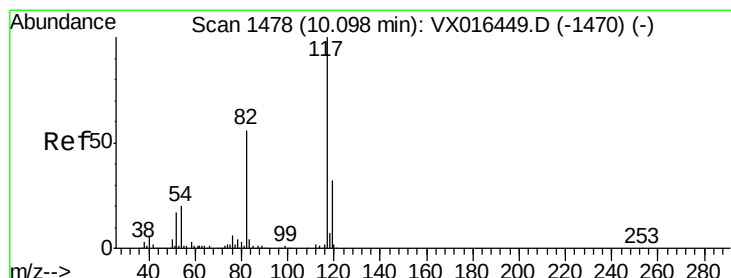
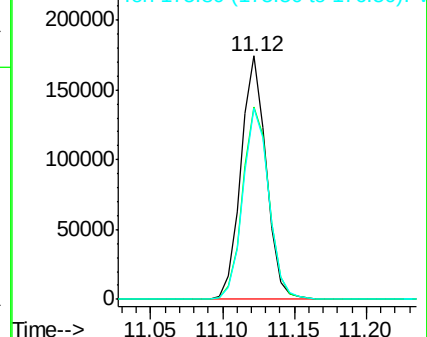
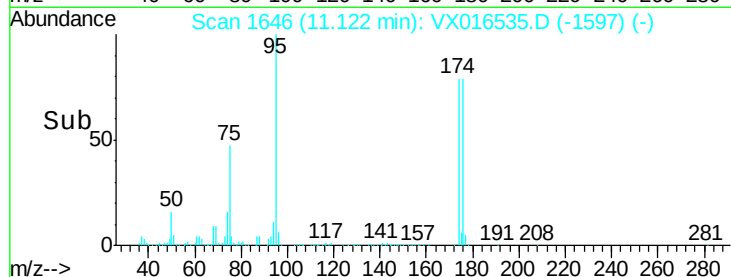
95 100

174 82.0 0.0 163.0

176 80.7 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016535.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016535.D

Acq: 01 Jun 2020 17:37

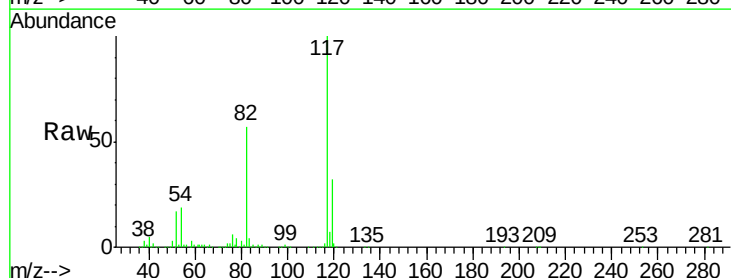
Tgt Ion: 117 Resp: 417869

Ion Ratio Lower Upper

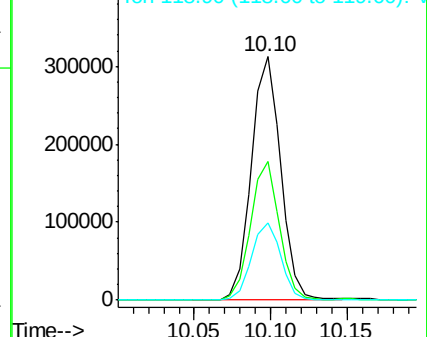
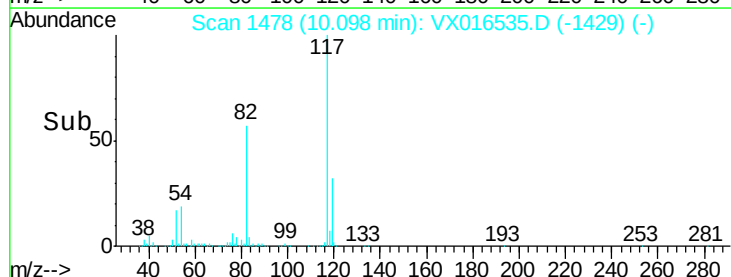
117 100

82 56.8 45.0 67.6

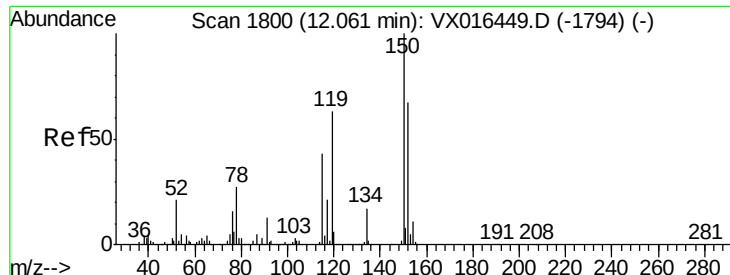
119 31.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VX016535.D (-1429) (-)







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016535.D

Acq: 01 Jun 2020 17:37

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW598-200528

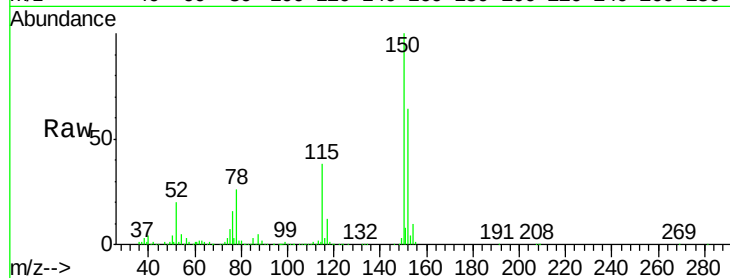
Tot Ion:152 Resp: 224917

Ion Ratio Lower Upper

152 100

115 59.4 39.9 119.6

150 156.9 0.0 341.0



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

