

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\  
 Data File : VX017185.D  
 Acq On : 06 Jul 2020 21:43  
 Operator : JC/SP  
 Sample : L3159-19  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP05-20200629

Quant Time: Jul 07 08:00:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 29 17:10:38 2020  
 Response via : Initial Calibration

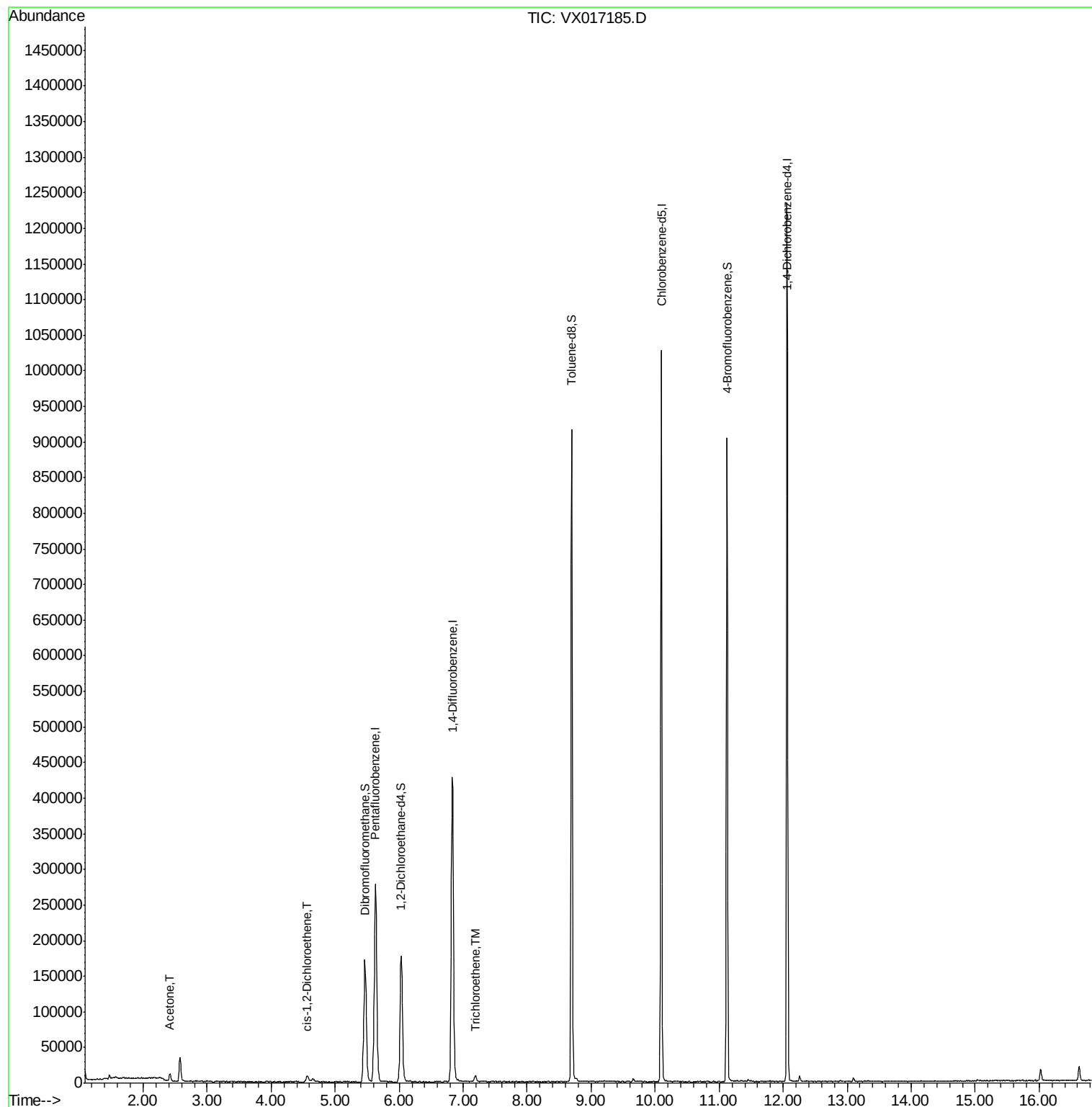
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 270398   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 437319   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 461904   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 250691   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 168609   | 50.58 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.16% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 146787   | 53.06 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.12% |          |
| 50) Toluene-d8              | 8.70  | 98   | 534703   | 52.27 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.54% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 224852   | 56.23 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 112.46% |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.42  | 43   | 10425    | 8.360 | ug/l    | 96       |
| 27) cis-1,2-Dichloroethene  | 4.56  | 96   | 5037     | 1.497 | ug/l    | 87       |
| 44) Trichloroethene         | 7.20  | 130  | 3038     | 0.601 | ug/l    | 97       |

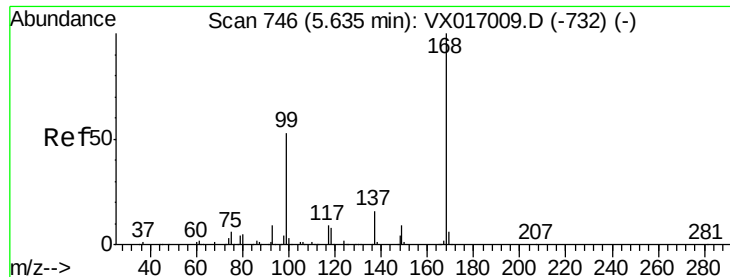
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Mon Jun 29 17:10:38 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017185.D

Acq: 06 Jul 2020 21:43

Instrument :

MSVOA\_X

ClientSampleId :

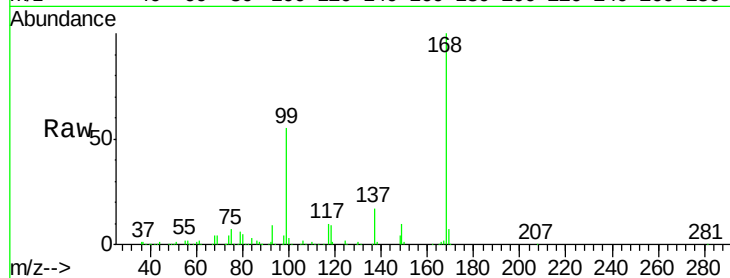
DUP05-20200629

Tot Ion:168 Resp: 270398

Ion Ratio Lower Upper

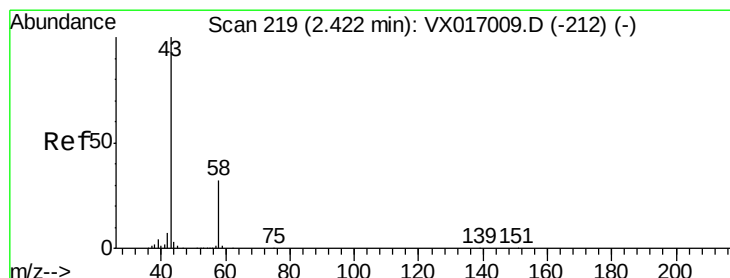
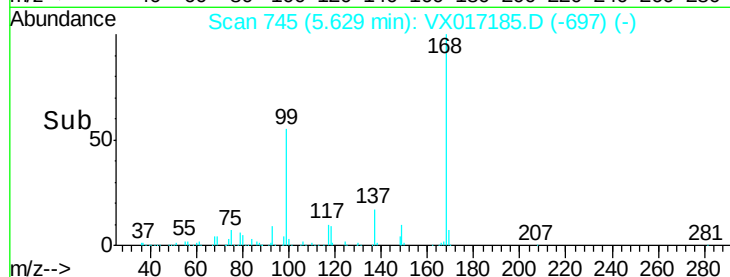
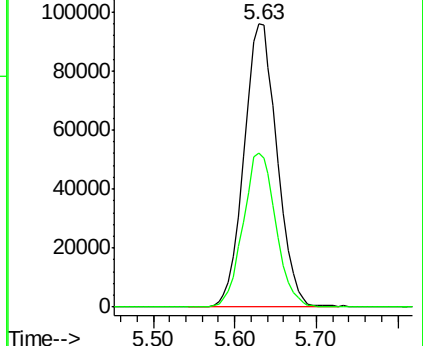
168 100

99 54.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.360 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017185.D

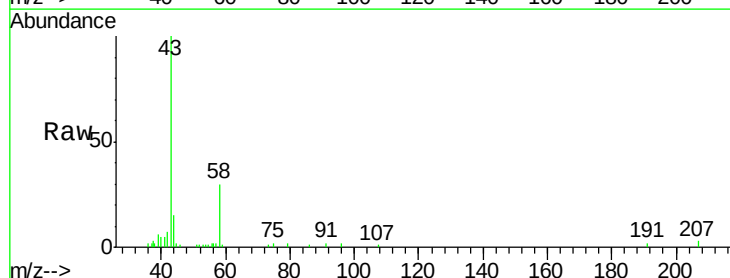
Acq: 06 Jul 2020 21:43

Tgt Ion: 43 Resp: 10425

Ion Ratio Lower Upper

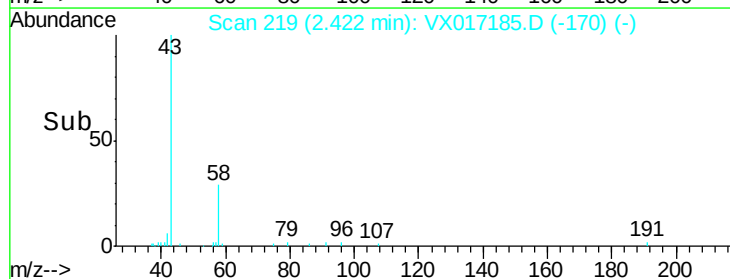
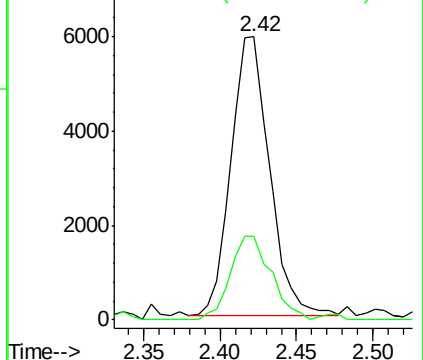
43 100

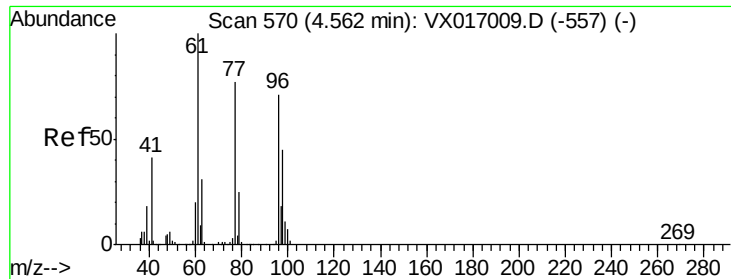
58 29.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



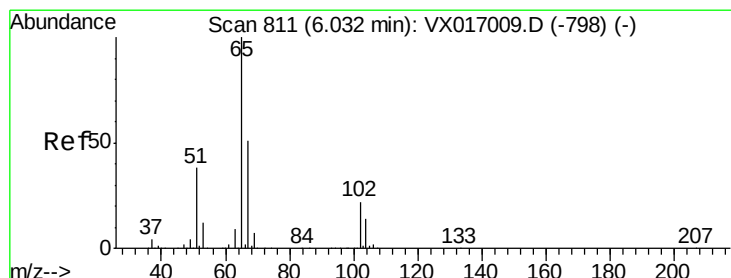
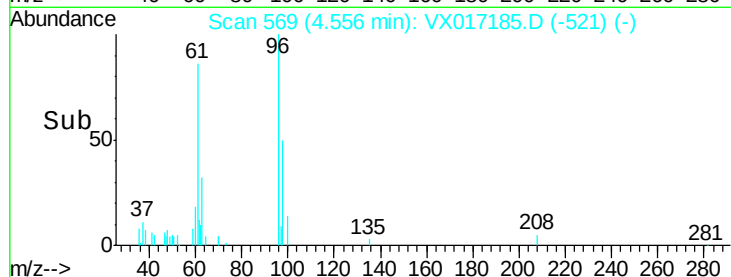
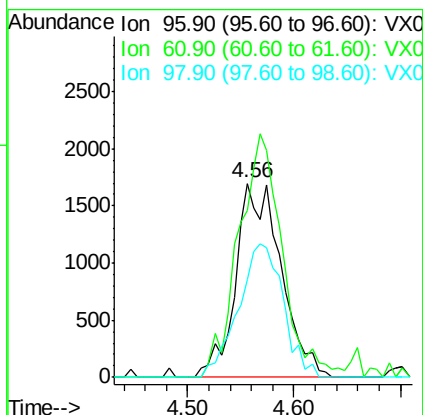
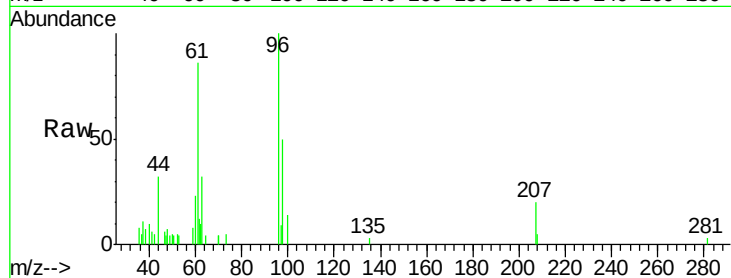


#27

cis-1,2-Dichloroethene  
 Concen: 1.497 ug/l  
 RT: 4.56 min Scan# 569  
 Delta R.T. -0.01 min  
 Lab File: VX017185.D  
 Acq: 06 Jul 2020 21:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP05-20200629

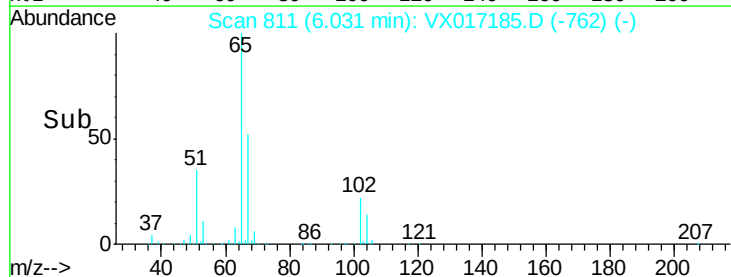
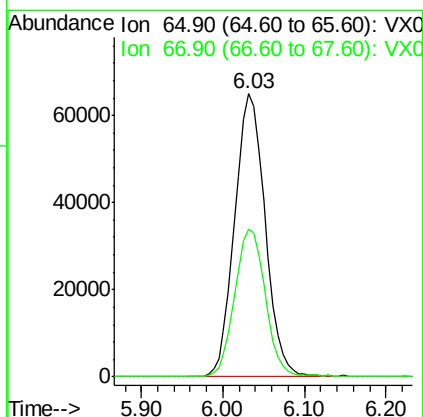
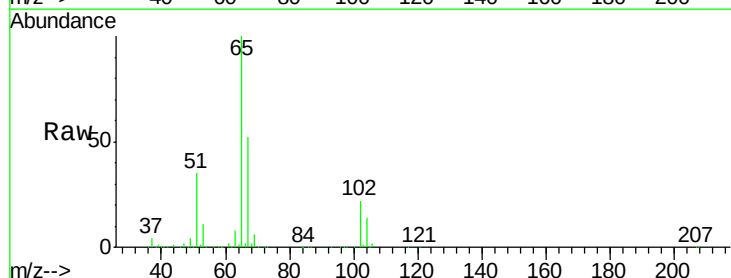
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 121.2 | 0.0   | 282.8 |
| 98      | 68.3  | 0.0   | 127.6 |

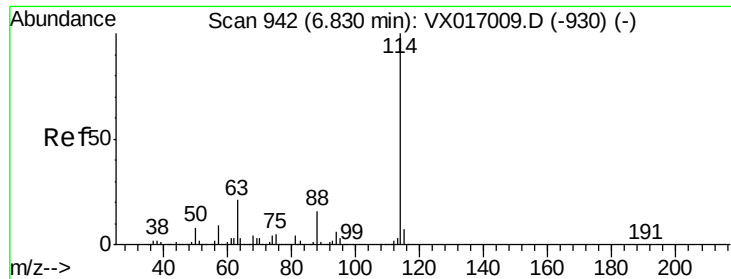


#33

1,2-Dichloroethane-d4  
 Concen: 50.581 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX017185.D  
 Acq: 06 Jul 2020 21:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.2  | 0.0   | 103.8 |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017185.D

Acq: 06 Jul 2020 21:43

Instrument :

MSVOA\_X

ClientSampleId :

DUP05-20200629

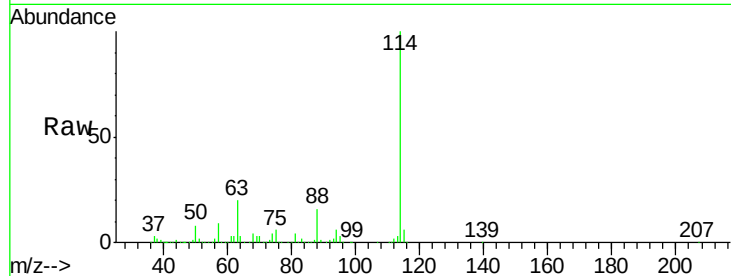
Tot Ion:114 Resp: 437319

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

88 15.7 0.0 32.4



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

250000

200000

150000

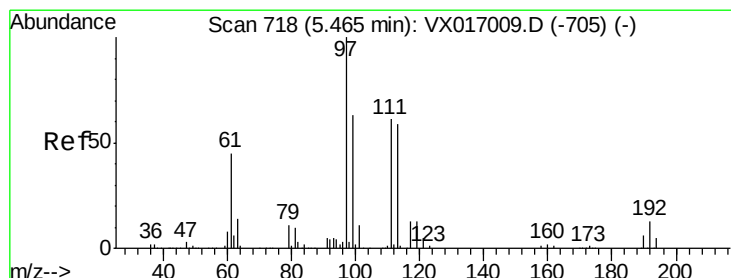
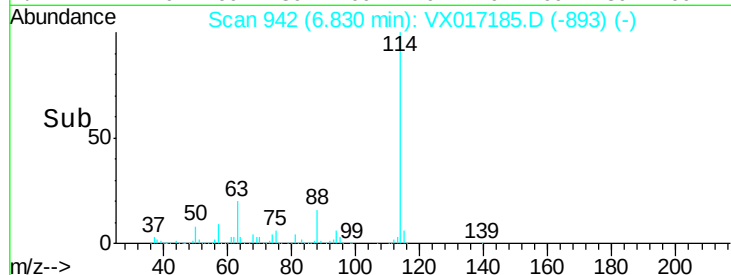
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 53.062 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017185.D

Acq: 06 Jul 2020 21:43

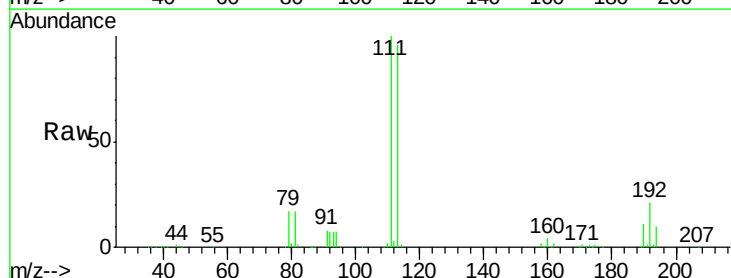
Tgt Ion:113 Resp: 146787

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

192 21.7 16.7 25.1



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

60000

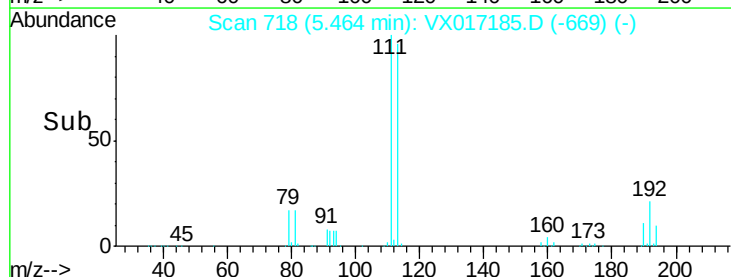
40000

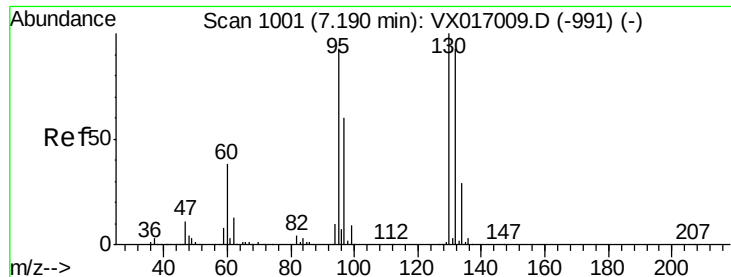
20000

0

5.40 5.50 5.60

Time-->





#44

Trichloroethene

Concen: 0.601 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX017185.D

Acq: 06 Jul 2020 21:43

Instrument :

MSVOA\_X

ClientSampleId :

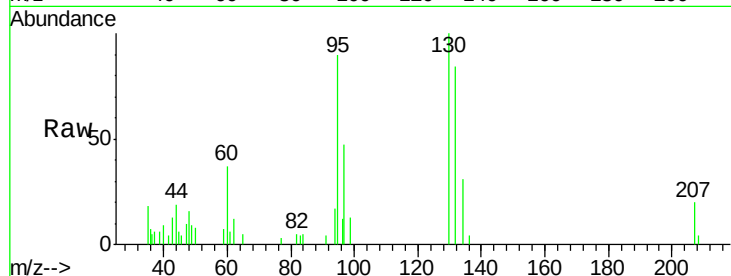
DUP05-20200629

Tot Ion:130 Resp: 3038

Ion Ratio Lower Upper

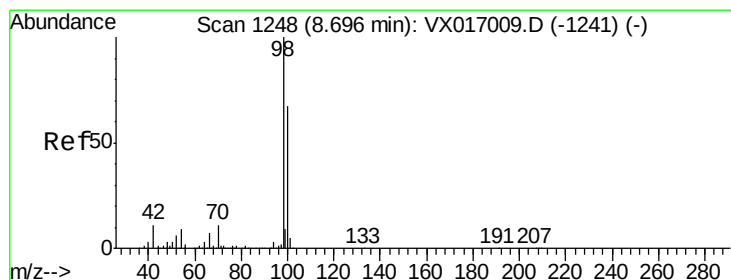
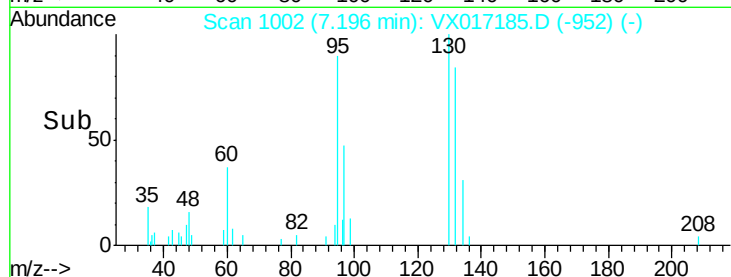
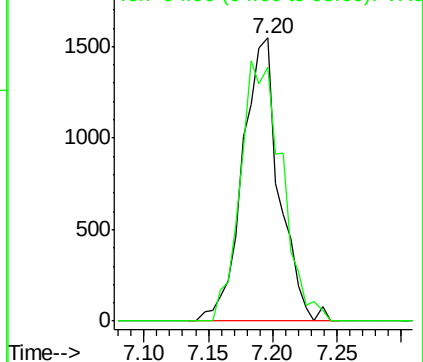
130 100

95 89.8 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.271 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017185.D

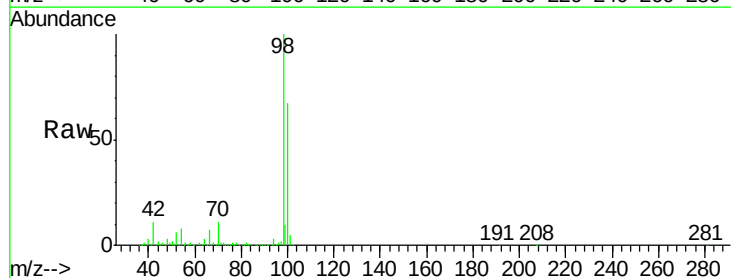
Acq: 06 Jul 2020 21:43

Tgt Ion: 98 Resp: 534703

Ion Ratio Lower Upper

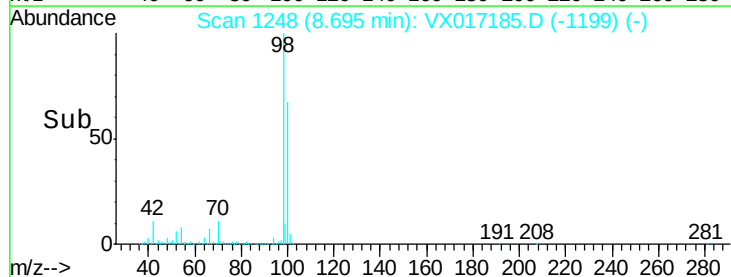
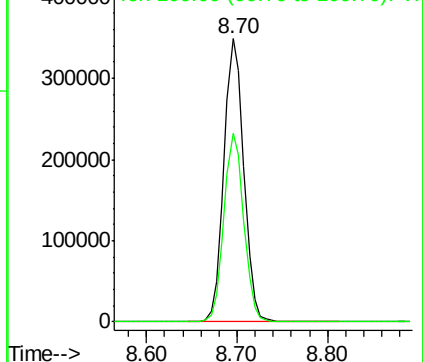
98 100

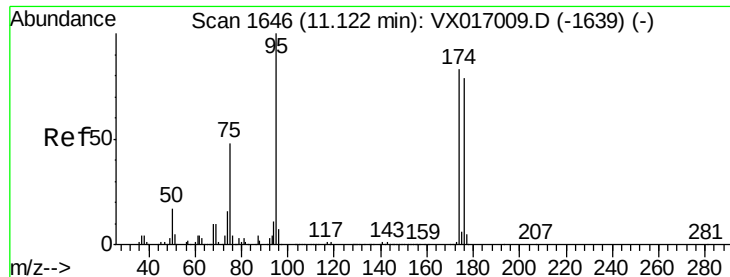
100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 56.230 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017185.D

Acq: 06 Jul 2020 21:43

Instrument :

MSVOA\_X

ClientSampleId :

DUP05-20200629

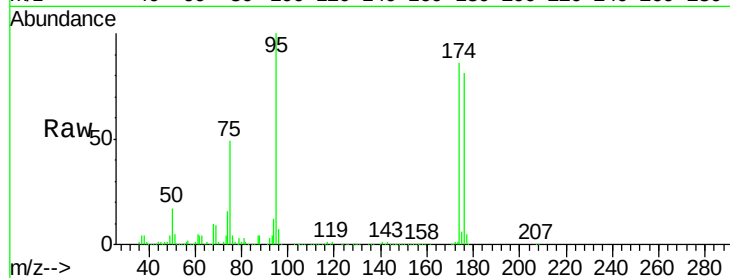
Tot Ion: 95 Resp: 224852

Ion Ratio Lower Upper

95 100

174 85.7 0.0 164.0

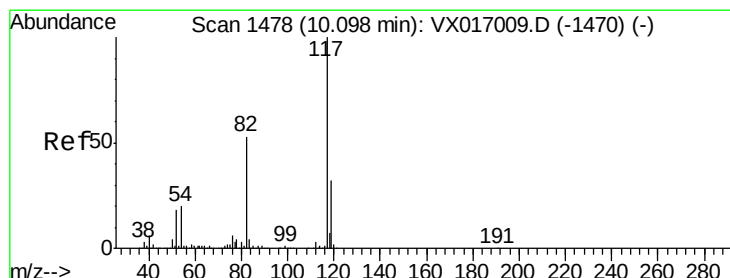
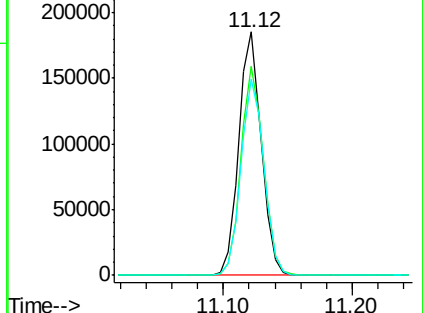
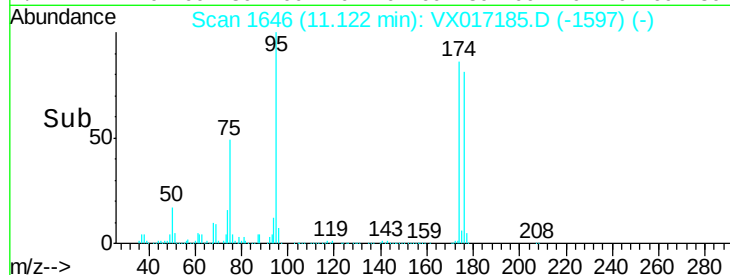
176 81.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX017185.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017185.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017185.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017185.D

Acq: 06 Jul 2020 21:43

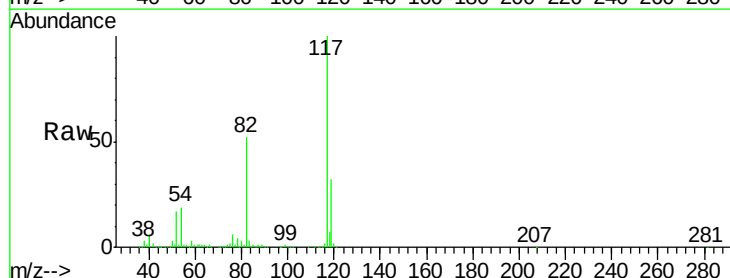
Tgt Ion: 117 Resp: 461904

Ion Ratio Lower Upper

117 100

82 52.5 42.6 63.8

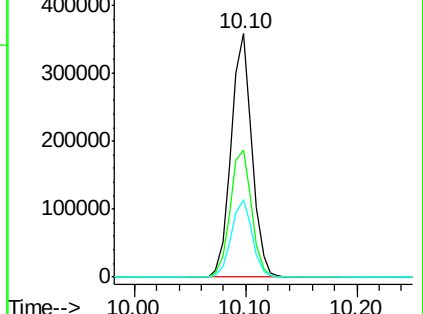
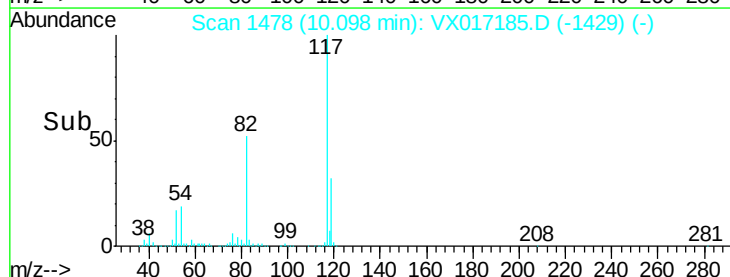
119 31.6 25.4 38.2

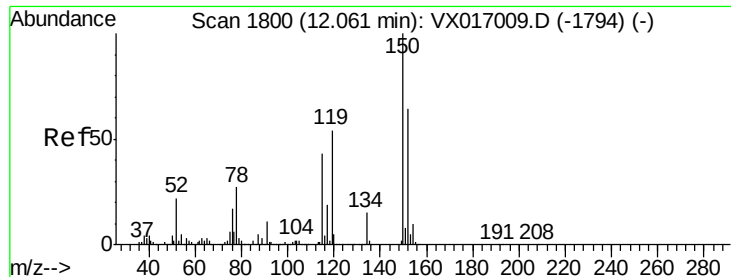


Abundance Ion 116.90 (116.60 to 117.60): VX017185.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017185.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017185.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: VX017185.D

Acq: 06 Jul 2020 21:43

Instrument :

MSVOA\_X

ClientSampleId :

DUP05-20200629

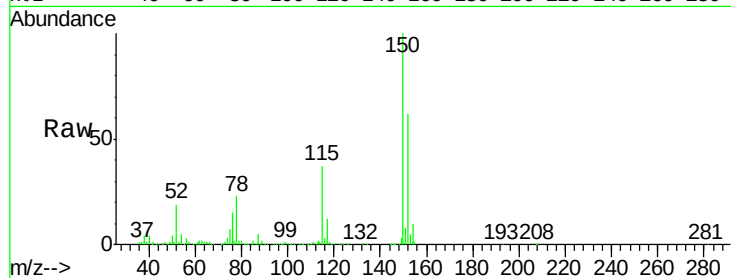
Tot Ion:152 Resp: 250691

Ion Ratio Lower Upper

152 100

115 56.9 40.9 122.7

150 159.1 0.0 351.6



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

