

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\  
 Data File : VX009968.D  
 Acq On : 30 May 2019 18:12  
 Operator : JC/SP  
 Sample : K3104-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 251810

Quant Time: May 31 07:16:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052819W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 29 04:00:56 2019  
 Response via : Initial Calibration

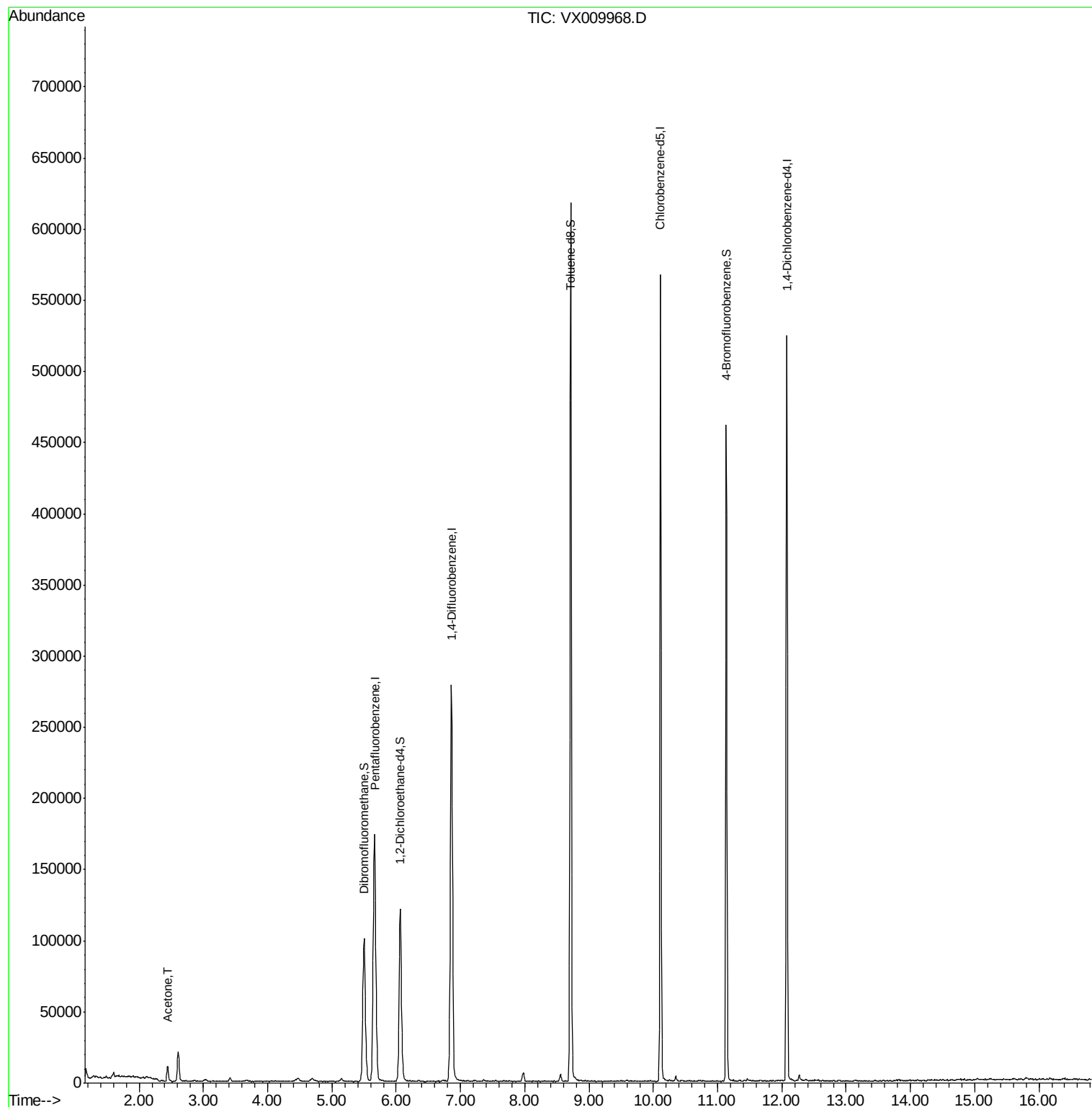
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 168311   | 50.00 | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 268332   | 50.00 | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 243850   | 50.00 | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 105922   | 50.00 | ug/l   | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 115775   | 48.70 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.40% |           |
| 35) Dibromofluoromethane    | 5.50  | 113  | 83837    | 49.70 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.40% |           |
| 50) Toluene-d8              | 8.71  | 98   | 342294   | 49.97 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.94% |           |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 116973   | 47.54 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.08% |           |
| Target Compounds            |       |      |          |       |        |           |
| 16) Acetone                 | 2.45  | 43   | 11678    | 8.501 | ug/l   | Qvalue 95 |

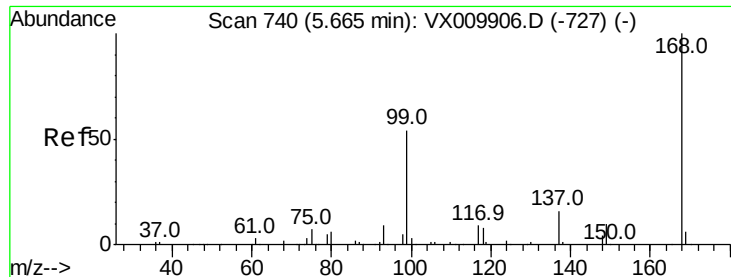
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 29 04:00:56 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009968.D

Acq: 30 May 2019 18:12

Instrument :

MSVOA\_X

ClientSampleId :

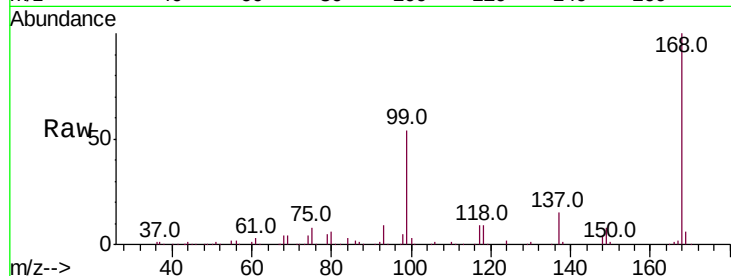
251810

Tot Ion:168 Resp: 168311

Ion Ratio Lower Upper

168 100

99 54.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX009906.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX009906.D (-727) (-)

5.67

60000

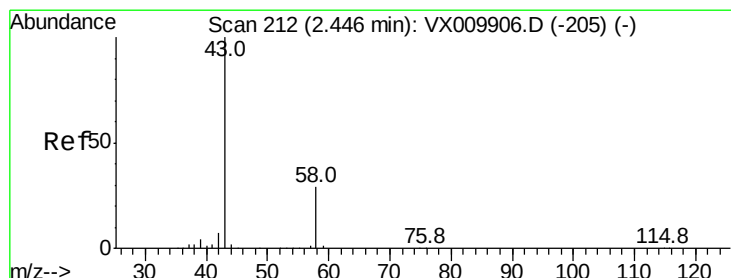
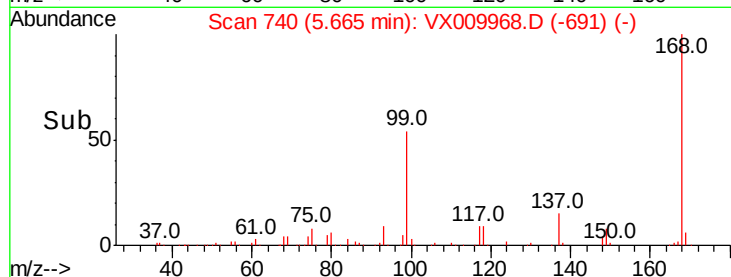
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.501 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009968.D

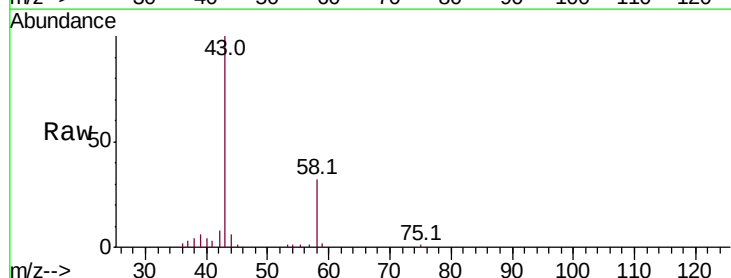
Acq: 30 May 2019 18:12

Tgt Ion: 43 Resp: 11678

Ion Ratio Lower Upper

43 100

58 31.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX009906.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX009906.D (-205) (-)

2.45

6000

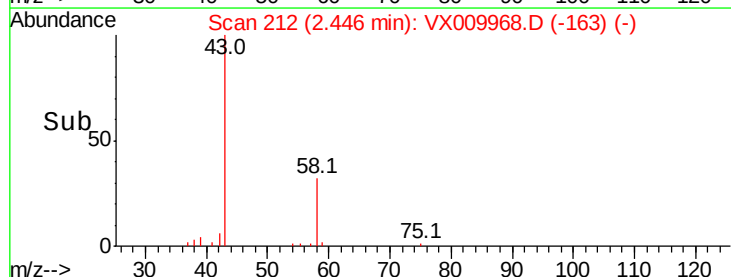
4000

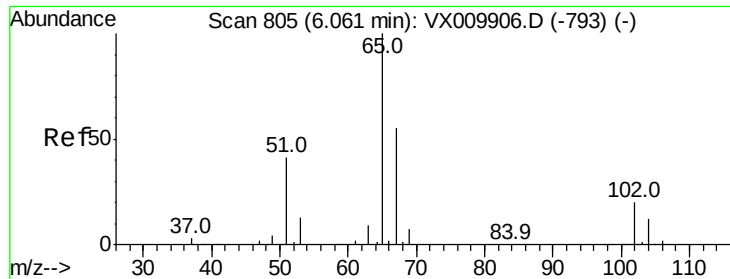
2000

0

Time-->

2.40 2.50





#33

1,2-Dichloroethane-d4

Concen: 48.695 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009968.D

Acq: 30 May 2019 18:12

Instrument :

MSVOA\_X

ClientSampleId :

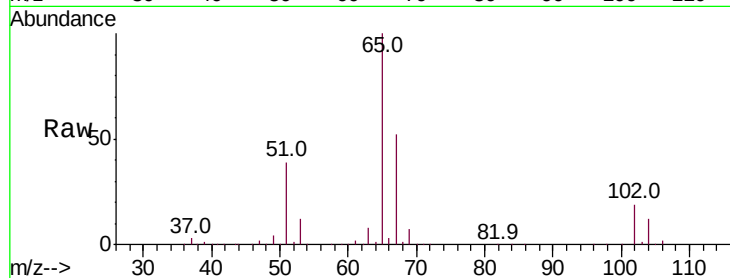
251810

Tot Ion: 65 Resp: 115775

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

20000

10000

0

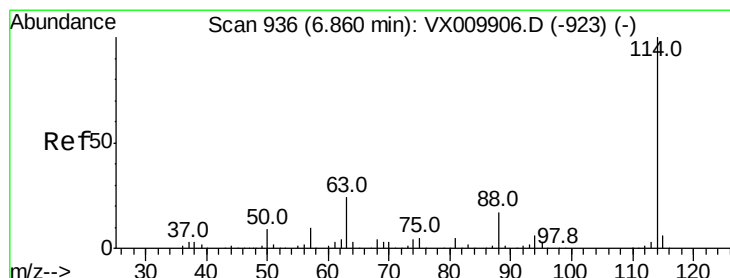
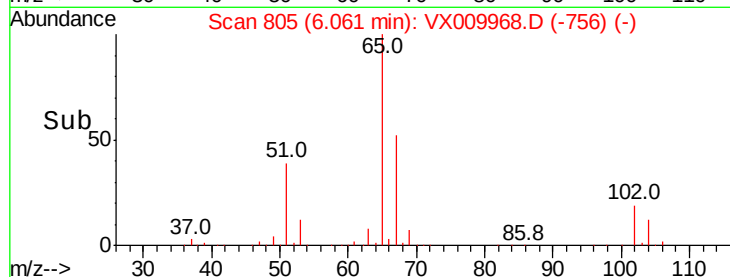
Time-->

5.90

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009968.D

Acq: 30 May 2019 18:12

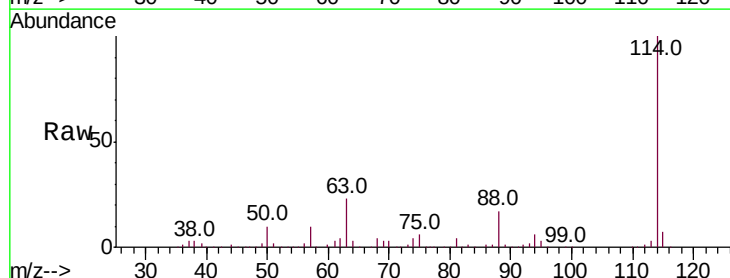
Tgt Ion:114 Resp: 268332

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.4

88 16.7 0.0 33.0



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

6.86

150000

100000

50000

0

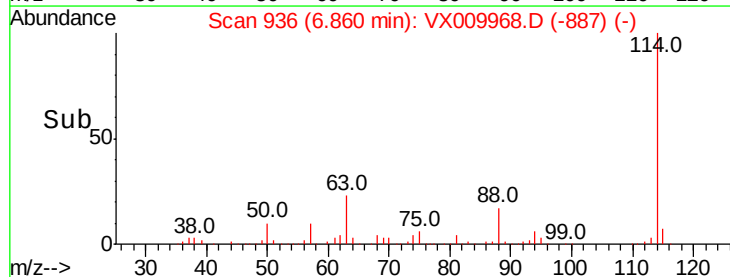
Time-->

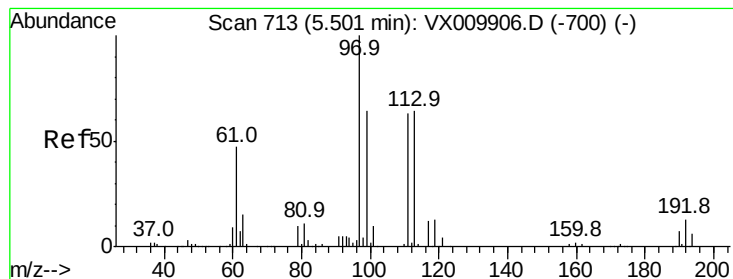
6.70

6.80

6.90

7.00





#35

Dibromofluoromethane

Concen: 49.696 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009968.D

Acq: 30 May 2019 18:12

Instrument :

MSVOA\_X

ClientSampleId :

251810

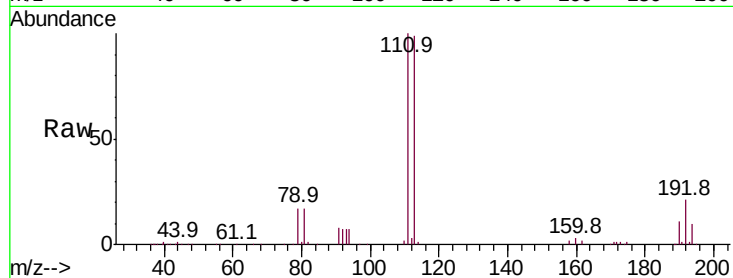
Tot Ion:113 Resp: 83837

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

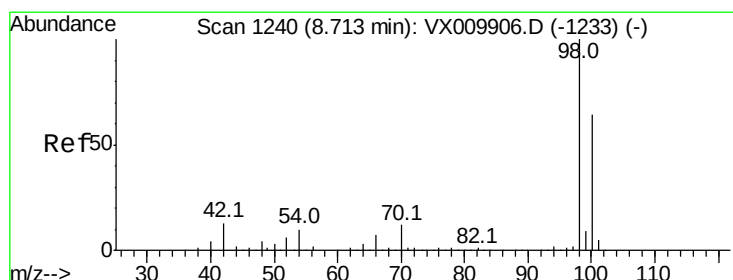
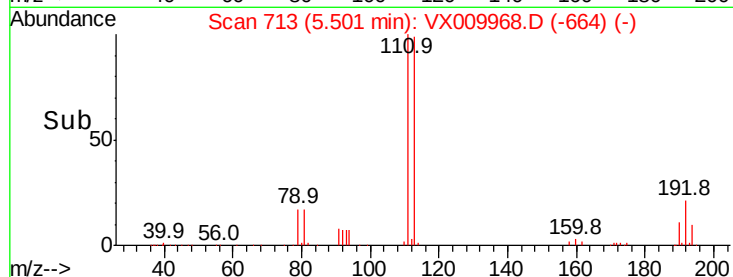
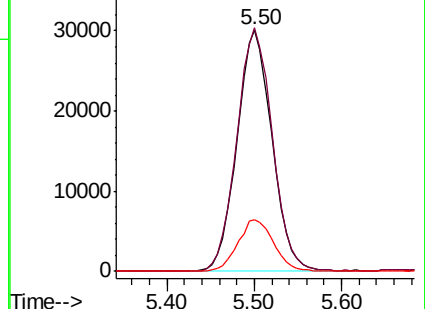
192 21.9 17.1 25.7



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: 49.966 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009968.D

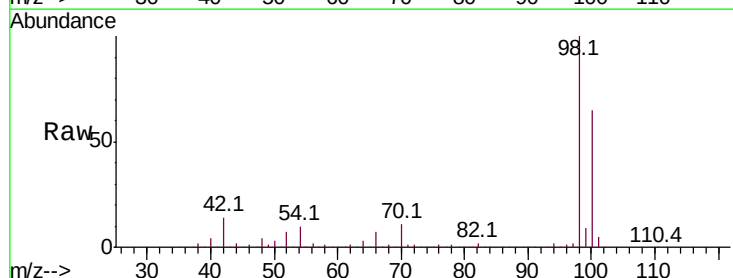
Acq: 30 May 2019 18:12

Tgt Ion: 98 Resp: 342294

Ion Ratio Lower Upper

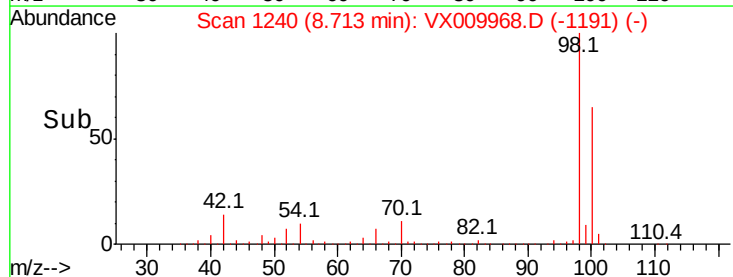
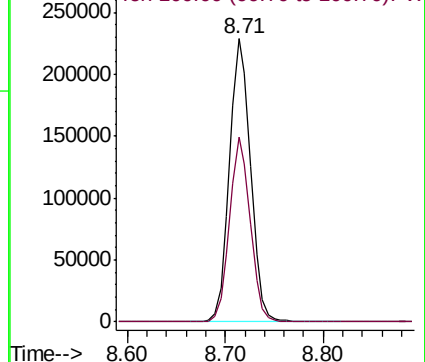
98 100

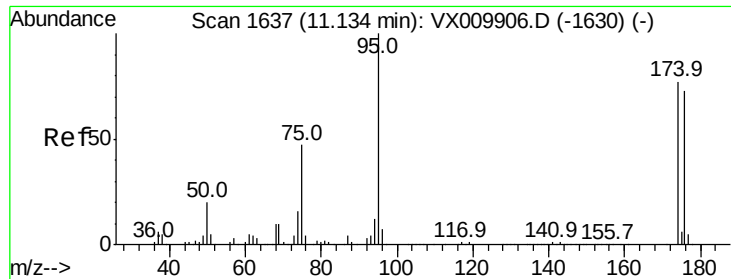
100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.538 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009968.D

Acq: 30 May 2019 18:12

Instrument :

MSVOA\_X

ClientSampleId :

251810

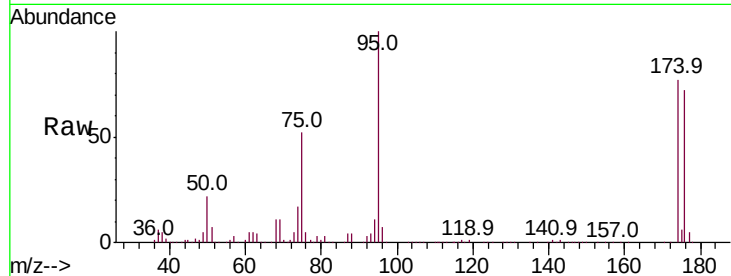
Tot Ion: 95 Resp: 116973

Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.4

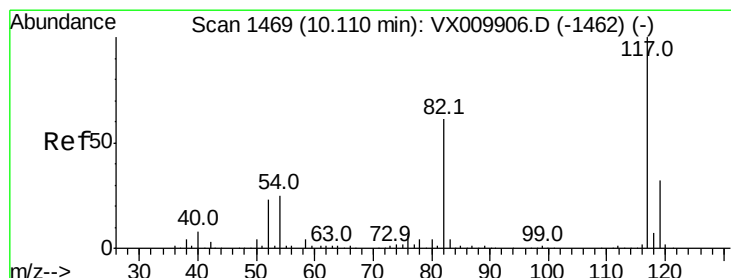
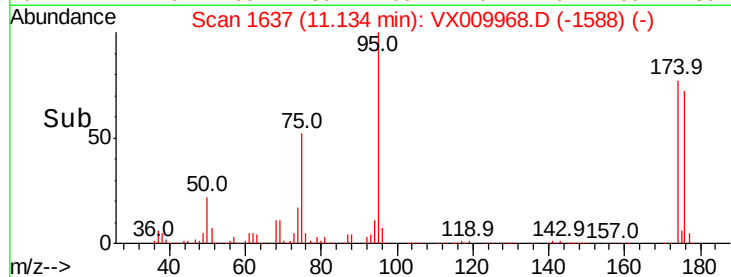
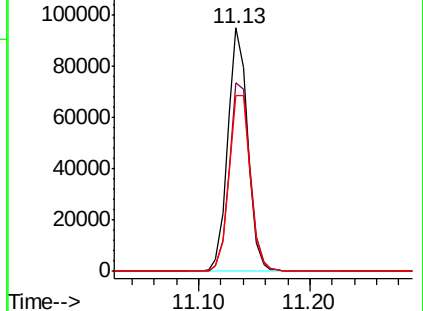
176 77.6 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX009906.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX009906.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX009906.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009968.D

Acq: 30 May 2019 18:12

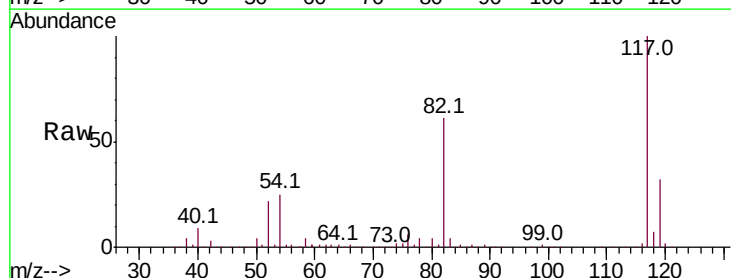
Tgt Ion: 117 Resp: 243850

Ion Ratio Lower Upper

117 100

82 61.4 49.2 73.8

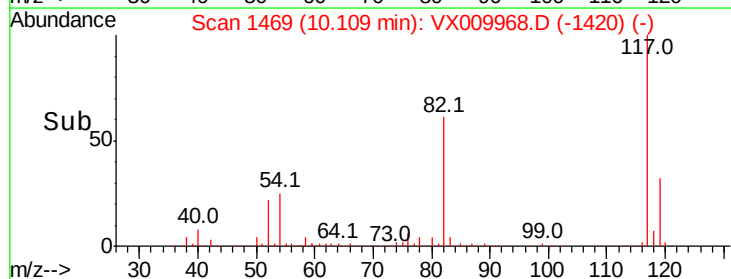
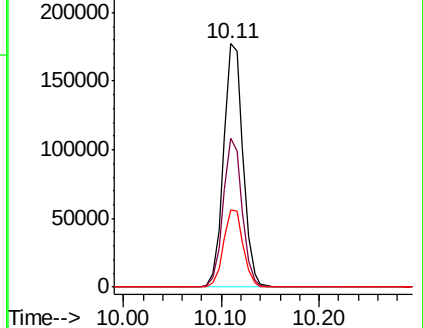
119 31.8 25.2 37.8

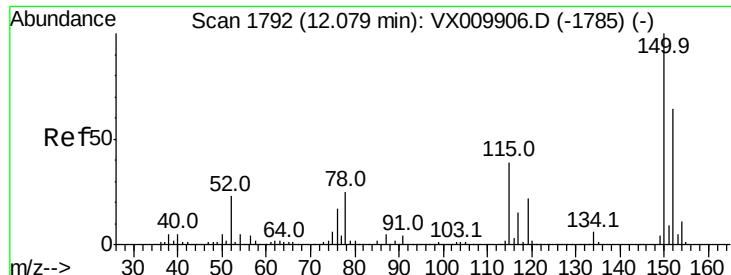


Abundance Ion 116.90 (116.60 to 117.60): VX009906.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX009906.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX009906.D (-1462) (-)

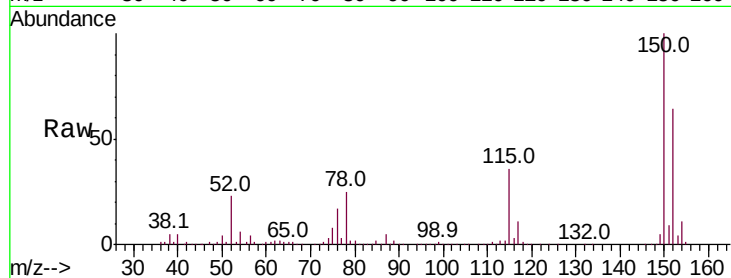




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.08 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX009968.D  
 Acq: 30 May 2019 18:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 251810

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 58.7  | 41.4  | 124.2 |
| 150     | 157.1 | 0.0   | 345.2 |



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

