

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\  
 Data File : VX007369.D  
 Acq On : 05 Feb 2019 11:52  
 Operator : JC/SP  
 Sample : PB116741TB  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB116741TB

Quant Time: Feb 06 00:40:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 02 01:32:36 2019  
 Response via : Initial Calibration

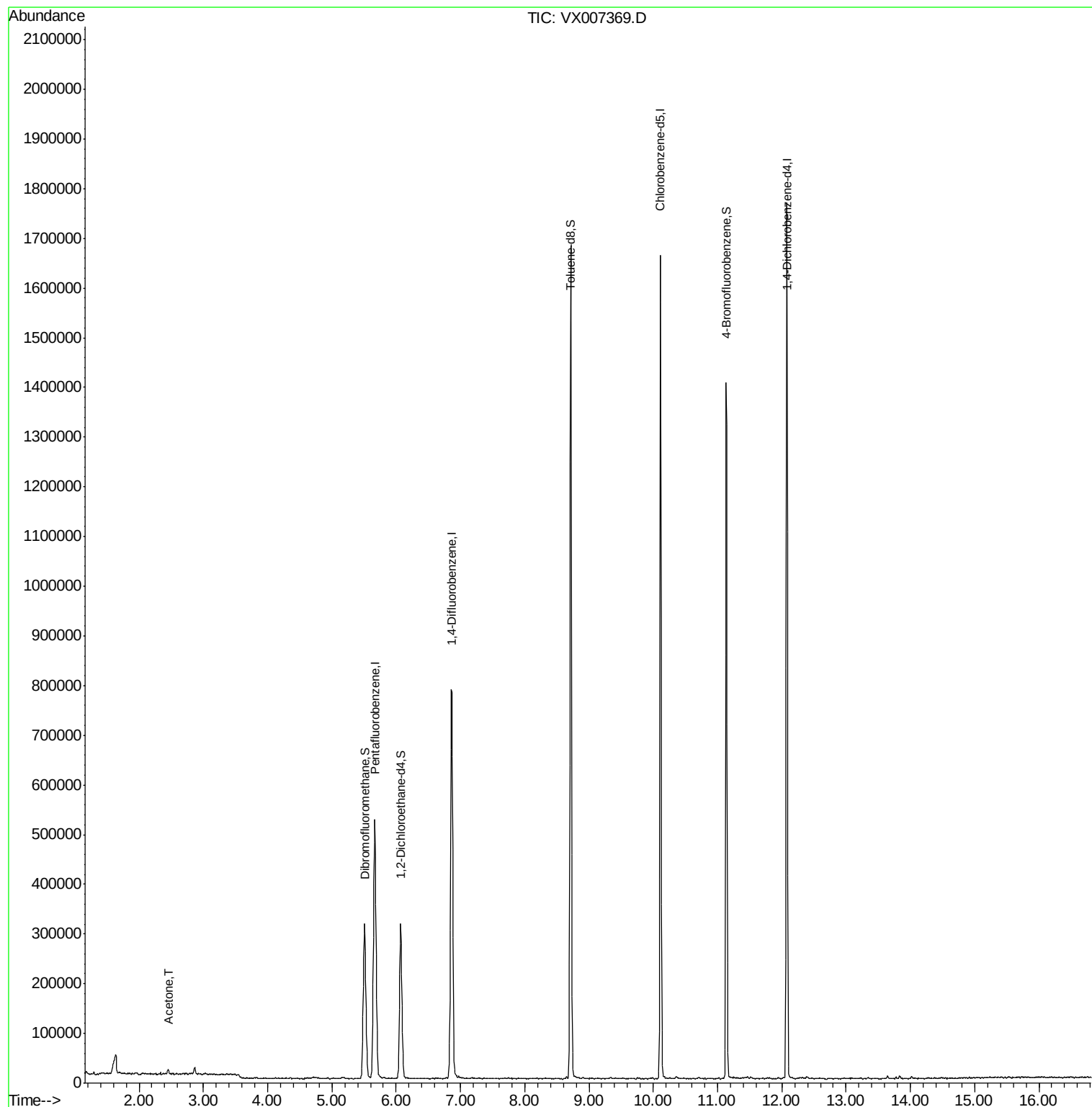
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 538650   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 834236   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 791405   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 386285   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 291213   | 50.94 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.88% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 261770   | 48.23 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.46%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 997229   | 49.52 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.04%  |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 358822   | 48.80 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.60%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.45  | 43   | 11231    | 4.288 | ug/l    | 99       |

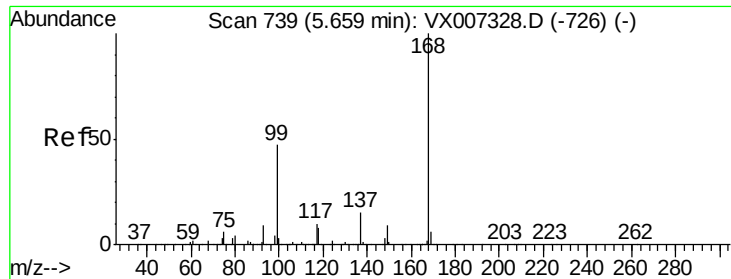
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 02 01:32:36 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007369.D

Acq: 05 Feb 2019 11:52

Instrument :

MSVOA\_X

ClientSampleId :

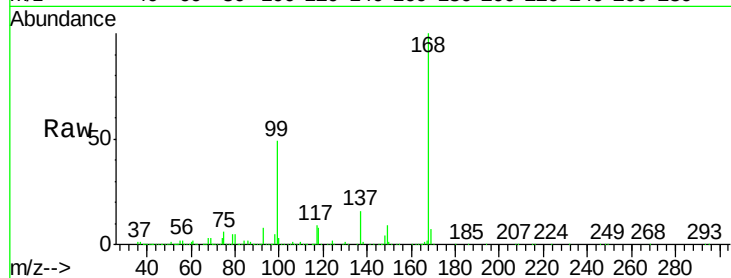
PB116741TB

Tot Ion:168 Resp: 538650

Ion Ratio Lower Upper

168 100

99 48.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

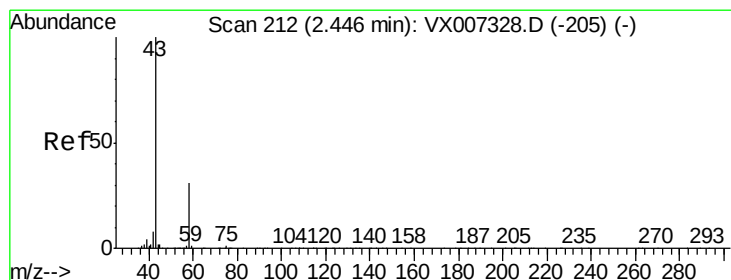
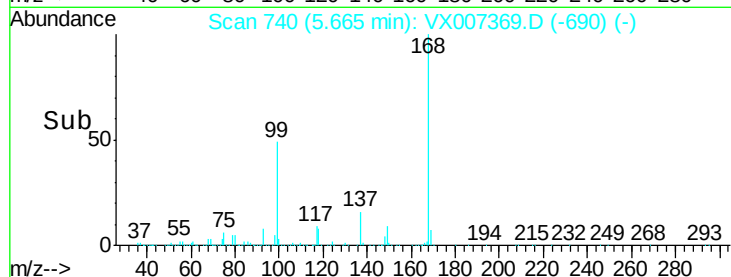
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.288 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007369.D

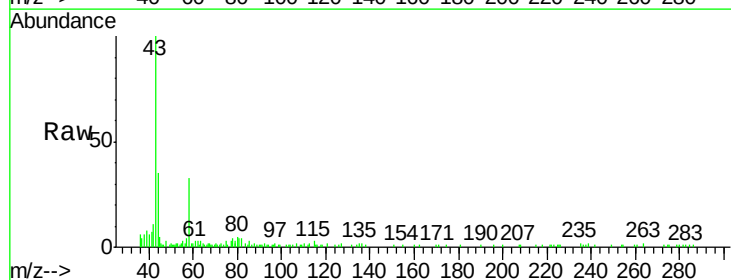
Acq: 05 Feb 2019 11:52

Tgt Ion: 43 Resp: 11231

Ion Ratio Lower Upper

43 100

58 31.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

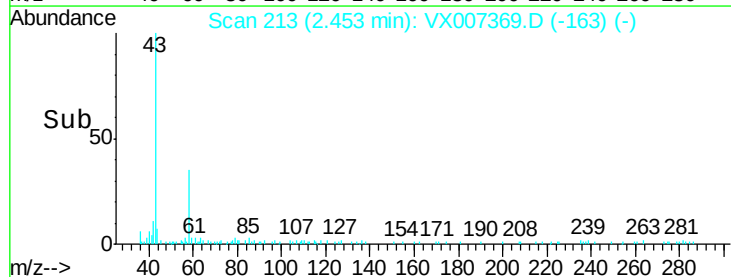
6000

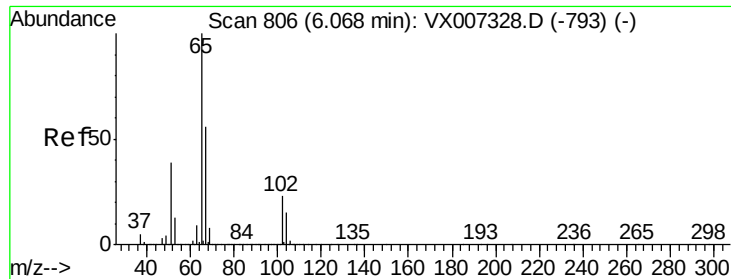
4000

2000

0

Time-->

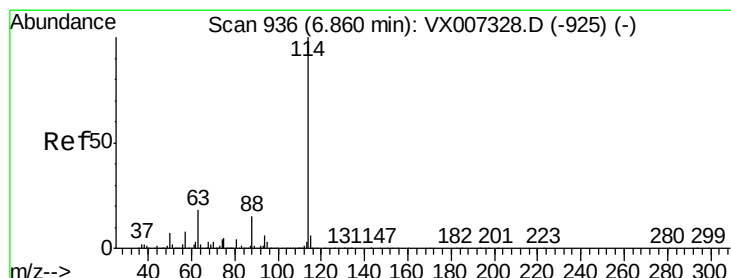
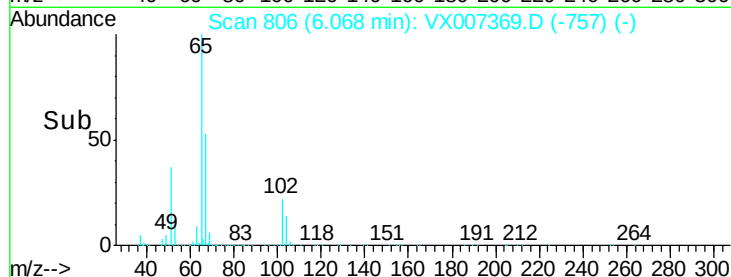
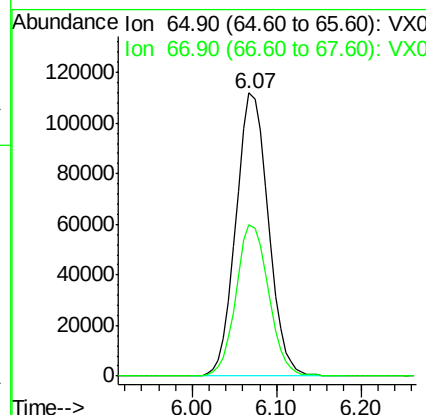
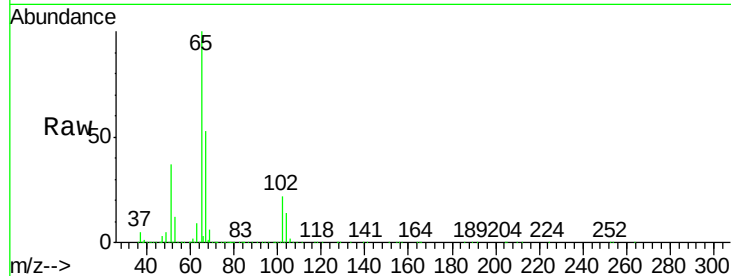




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.935 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX007369.D  
 Acq: 05 Feb 2019 11:52

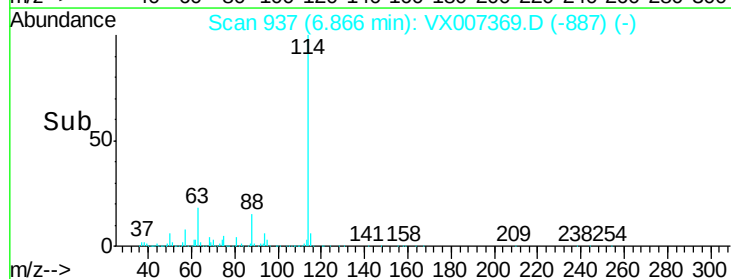
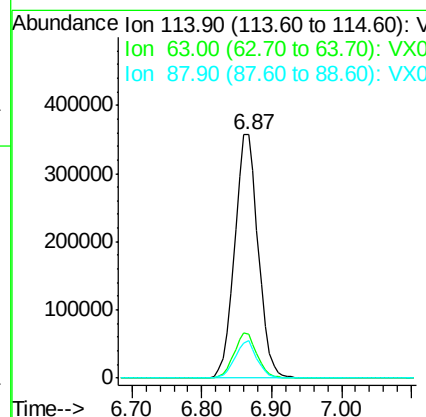
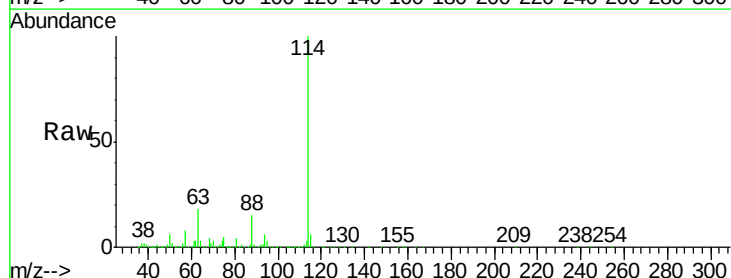
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB116741TB

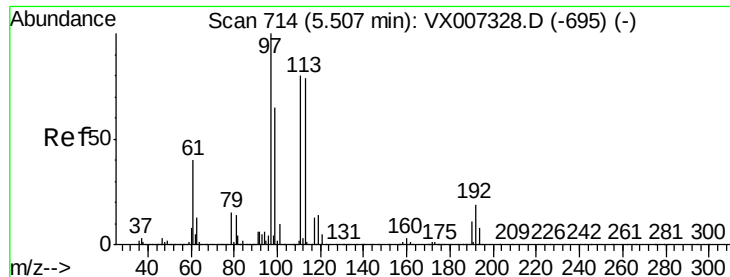
Tot Ion: 65 Resp: 291213  
 Ion Ratio Lower Upper  
 65 100  
 67 53.6 0.0 108.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.87 min Scan# 937  
 Delta R.T. 0.01 min  
 Lab File: VX007369.D  
 Acq: 05 Feb 2019 11:52

Tgt Ion: 114 Resp: 834236  
 Ion Ratio Lower Upper  
 114 100  
 63 18.1 0.0 35.6  
 88 15.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.225 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007369.D

Acq: 05 Feb 2019 11:52

Instrument :

MSVOA\_X

ClientSampleId :

PB116741TB

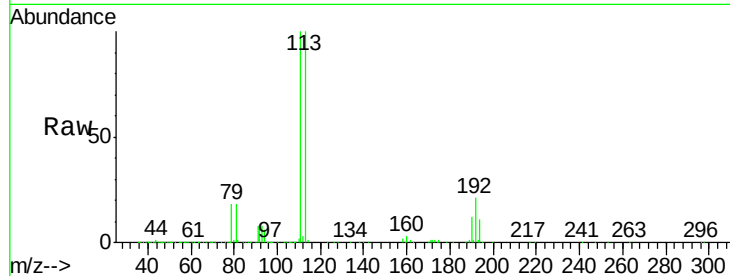
Tot Ion:113 Resp: 261770

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

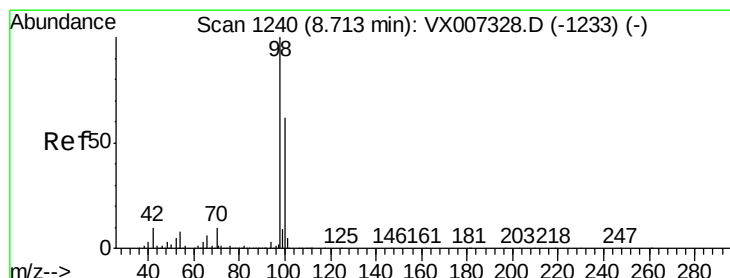
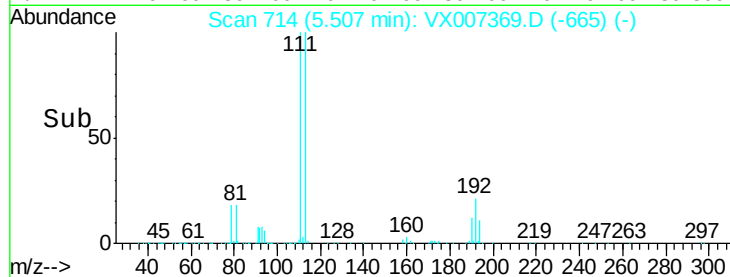
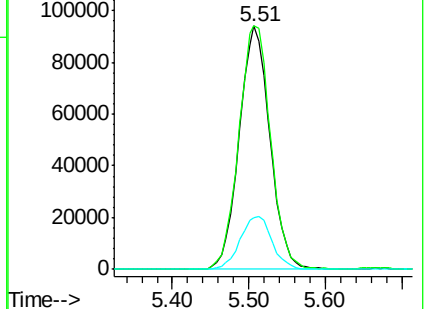
192 22.7 18.5 27.7



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: 49.517 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007369.D

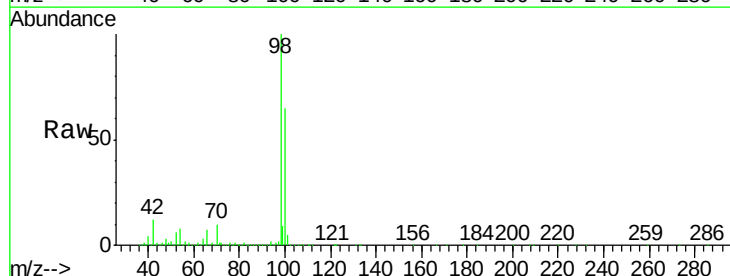
Acq: 05 Feb 2019 11:52

Tgt Ion: 98 Resp: 997229

Ion Ratio Lower Upper

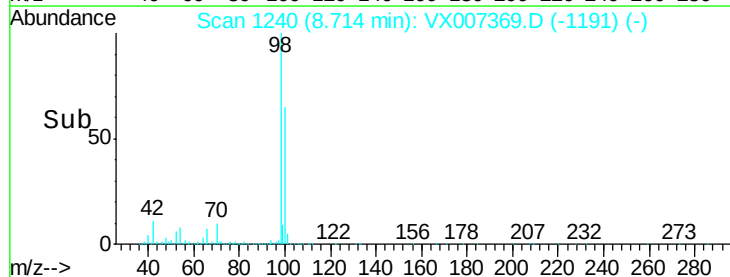
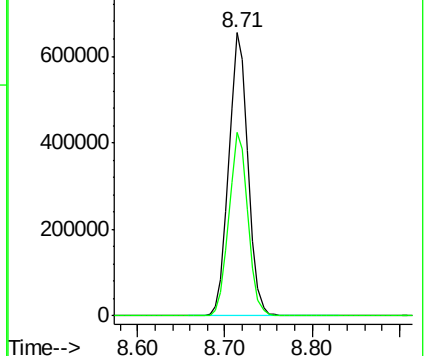
98 100

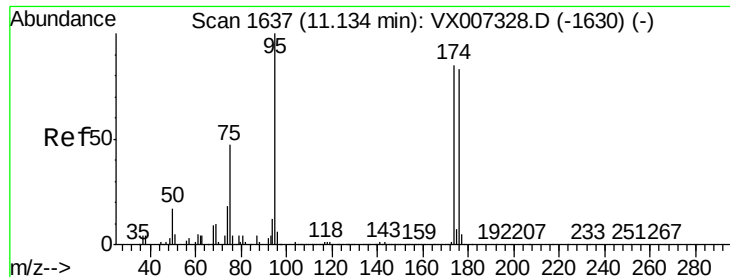
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#62

4-Bromofluorobenzene

Concen: 48.801 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007369.D

Acq: 05 Feb 2019 11:52

Instrument :

MSVOA\_X

ClientSampleId :

PB116741TB

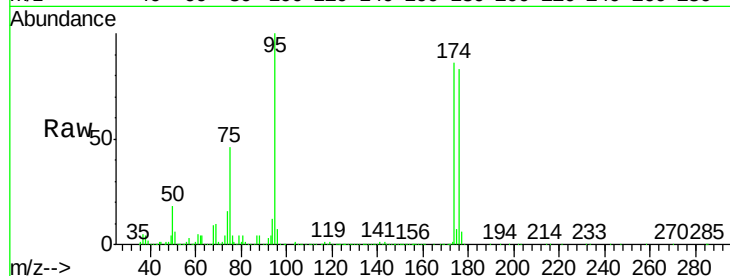
Tot Ion: 95 Resp: 358822

Ion Ratio Lower Upper

95 100

174 93.0 0.0 189.2

176 90.7 0.0 186.2

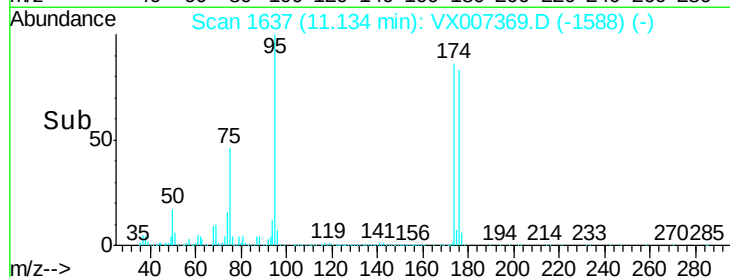


Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)

Time-->

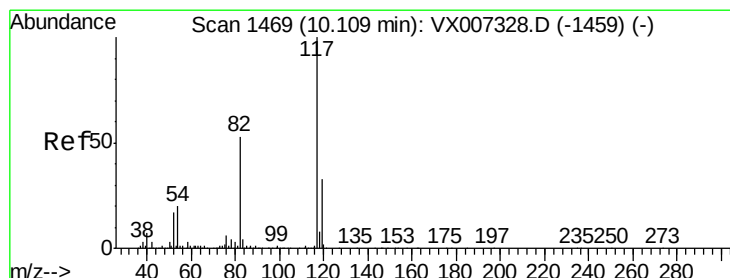


Abundance Ion 94.90 (94.60 to 95.60): VX007369.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007369.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007369.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007369.D

Acq: 05 Feb 2019 11:52

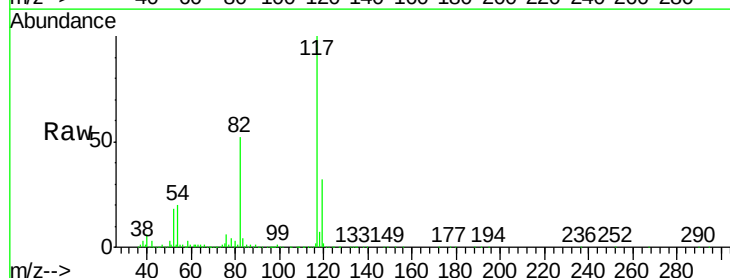
Tgt Ion: 117 Resp: 791405

Ion Ratio Lower Upper

117 100

82 52.1 42.1 63.1

119 32.0 26.5 39.7

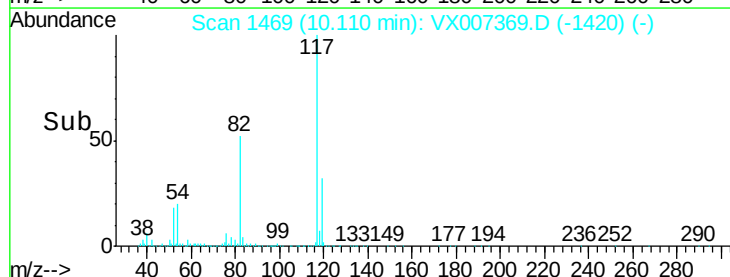


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)

Time-->

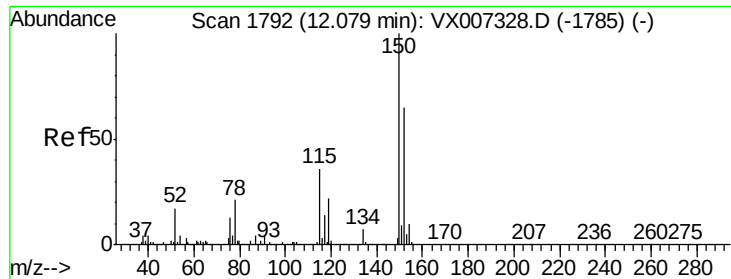


Abundance Ion 116.90 (116.60 to 117.60): VX007369.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007369.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007369.D (-1420) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007369.D

Acq: 05 Feb 2019 11:52

Instrument :

MSVOA\_X

ClientSampleId :

PB116741TB

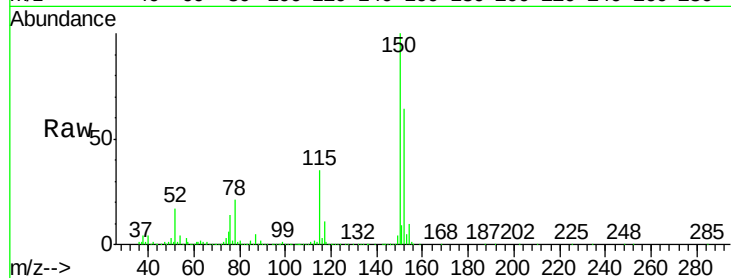
Tot Ion:152 Resp: 386285

Ion Ratio Lower Upper

152 100

115 54.5 38.0 114.0

150 155.7 0.0 346.4



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

