

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
 Data File : VX011542.D  
 Acq On : 13 Aug 2019 17:38  
 Operator : JC/SP  
 Sample : K4336-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 KY038PS037-190812

Quant Time: Aug 14 02:24:52 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

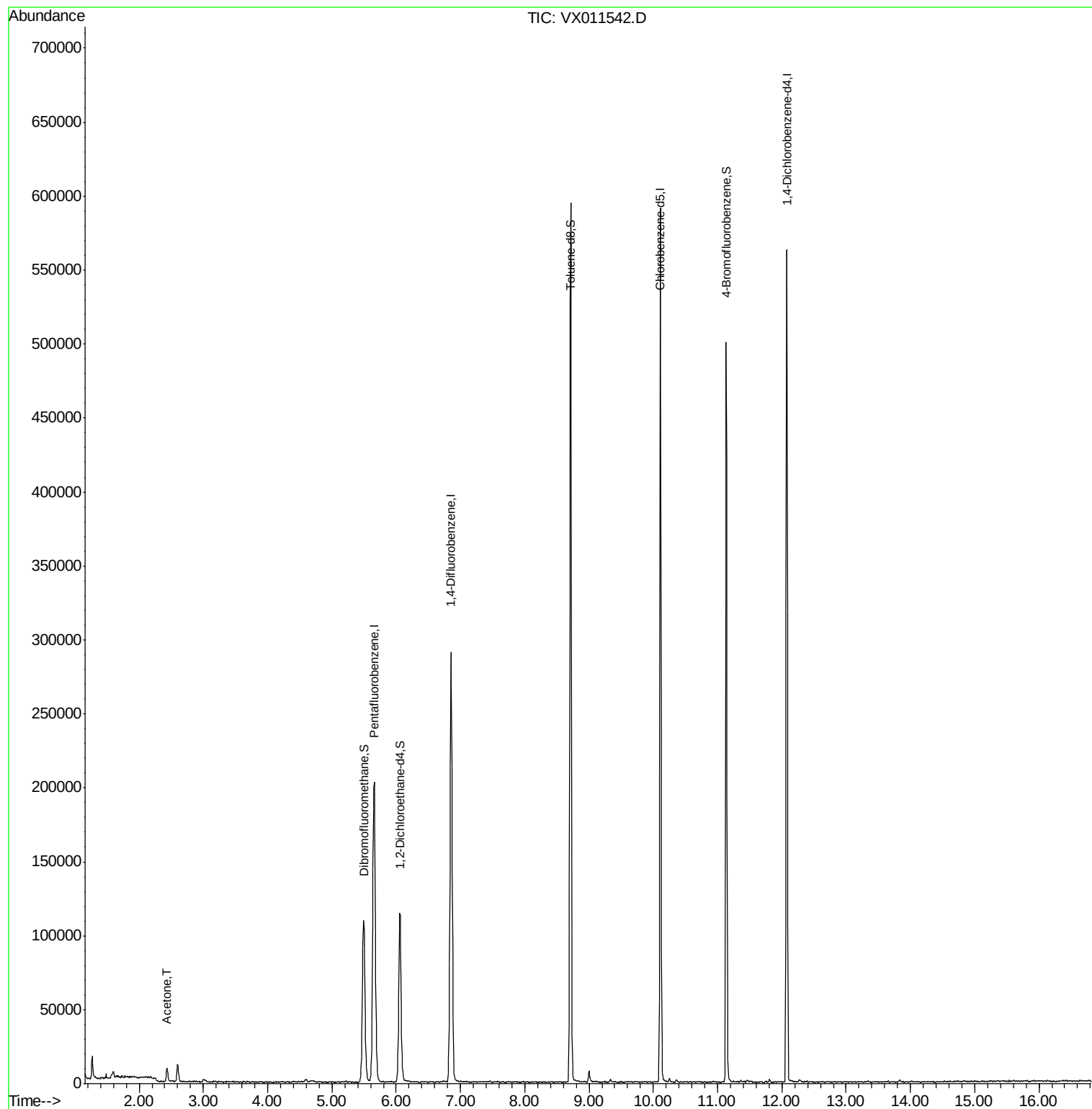
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 5.66  | 168  | 198812   | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.85  | 114  | 300424   | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 268198   | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 124314   | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 110754   | 55.32  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 110.64% |           |
| 35) Dibromofluoromethane    | 5.49  | 113  | 91172    | 46.48  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 92.96%  |           |
| 50) Toluene-d8              | 8.71  | 98   | 348646   | 47.09  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.18%  |           |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 118711   | 44.91  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 89.82%  |           |
| Target Compounds            |       |      |          |        |         |           |
| 16) Acetone                 | 2.43  | 43   | 9560     | 10.032 | ug/l    | Qvalue 95 |

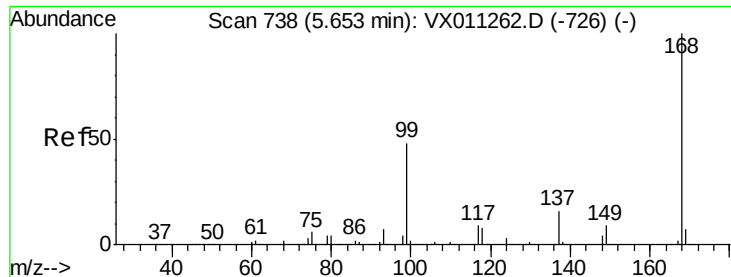
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 02 01:55:00 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011542.D

Acq: 13 Aug 2019 17:38

Instrument :

MSVOA\_X

ClientSampleId :

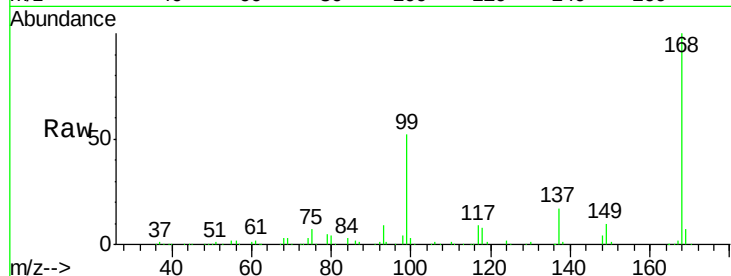
KY038PS037-190812

Tot Ion:168 Resp: 198812

Ion Ratio Lower Upper

168 100

99 52.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

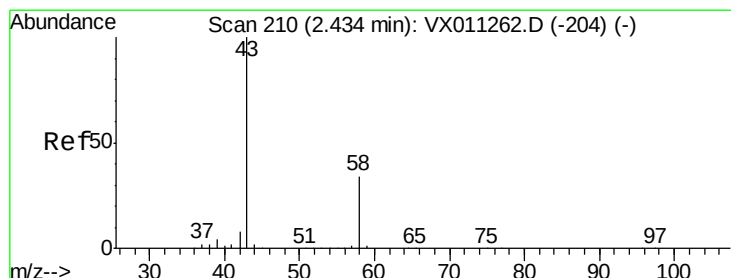
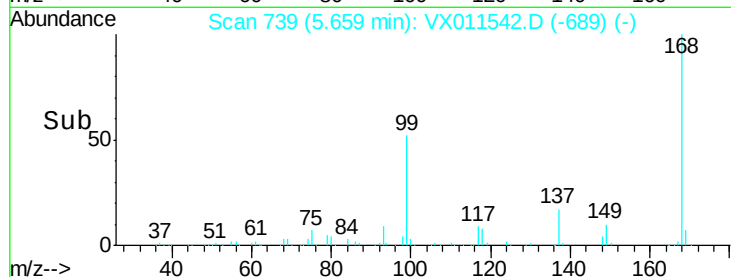
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.032 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011542.D

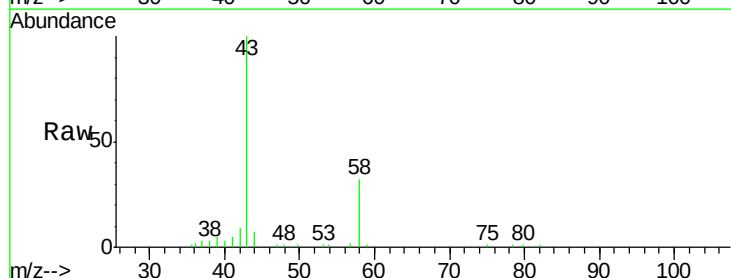
Acq: 13 Aug 2019 17:38

Tgt Ion: 43 Resp: 9560

Ion Ratio Lower Upper

43 100

58 31.6 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

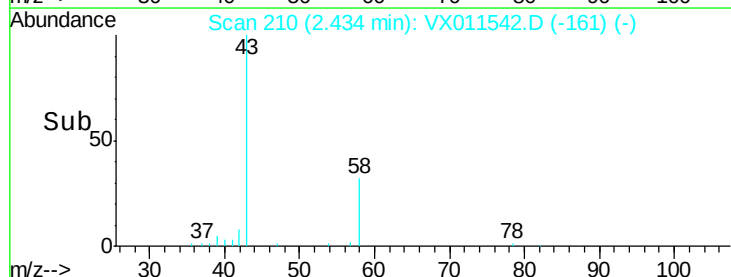
6000

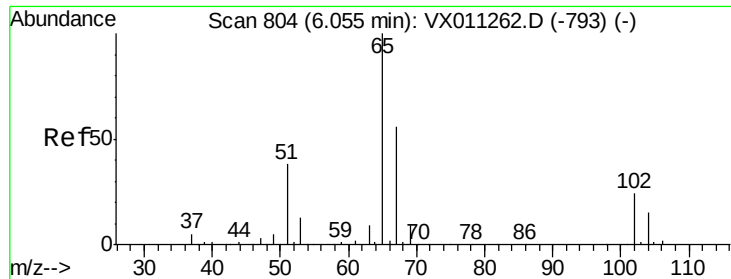
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

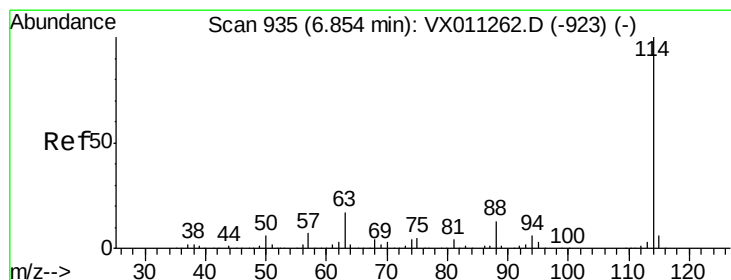
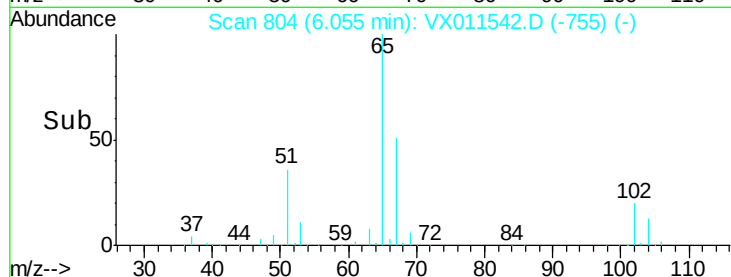
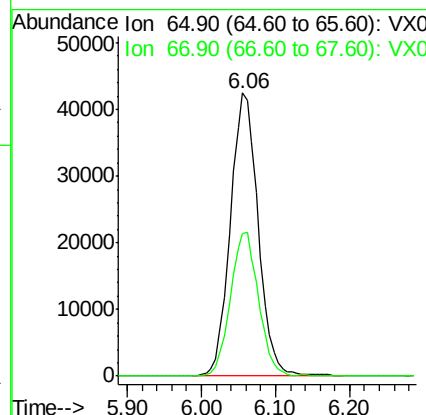
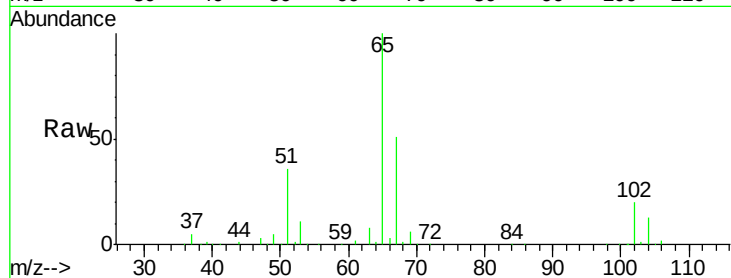




#33  
 1,2-Dichloroethane-d4  
 Concen: 55.318 ug/l  
 RT: 6.06 min Scan# 804  
 Delta R.T. 0.00 min  
 Lab File: VX011542.D  
 Acq: 13 Aug 2019 17:38

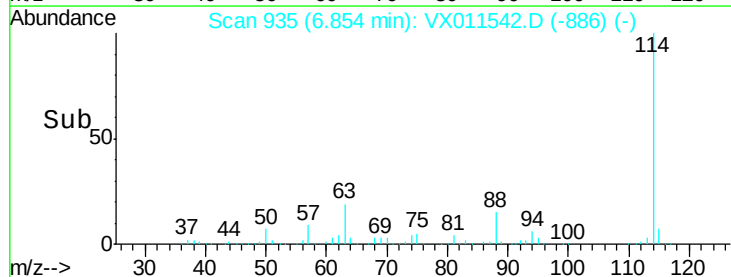
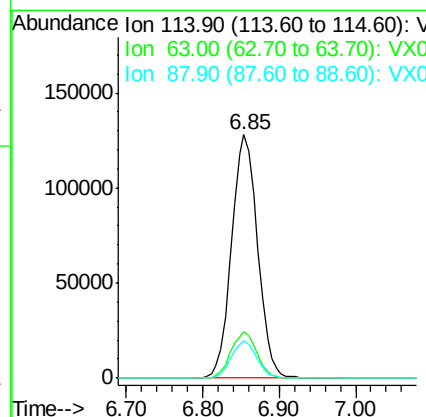
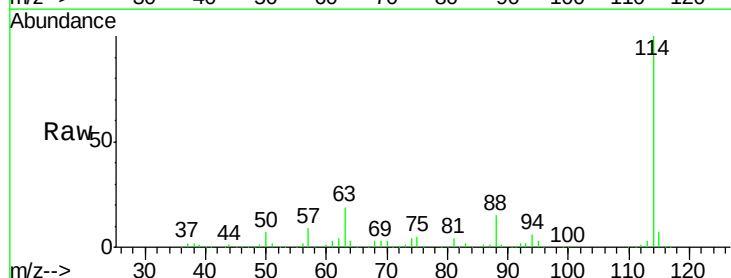
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 KY038PS037-190812

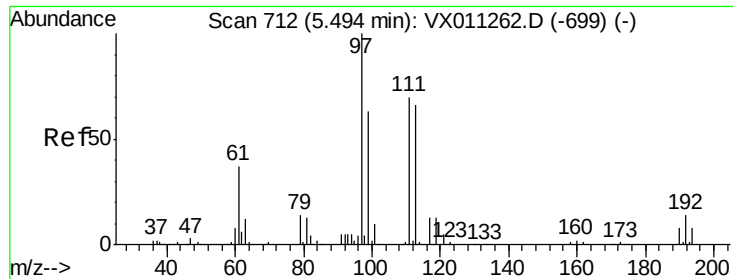
Tot Ion: 65 Resp: 110754  
 Ion Ratio Lower Upper  
 65 100  
 67 51.1 0.0 110.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. 0.00 min  
 Lab File: VX011542.D  
 Acq: 13 Aug 2019 17:38

Tgt Ion: 114 Resp: 300424  
 Ion Ratio Lower Upper  
 114 100  
 63 19.1 0.0 34.0  
 88 15.4 0.0 26.4

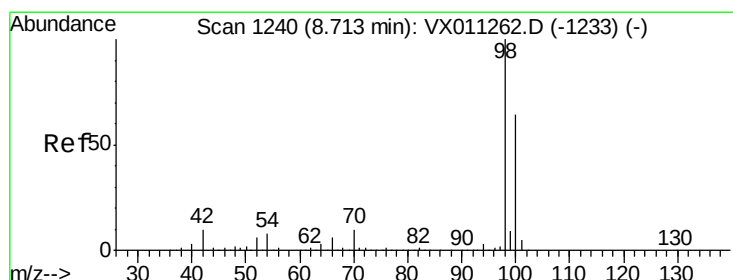
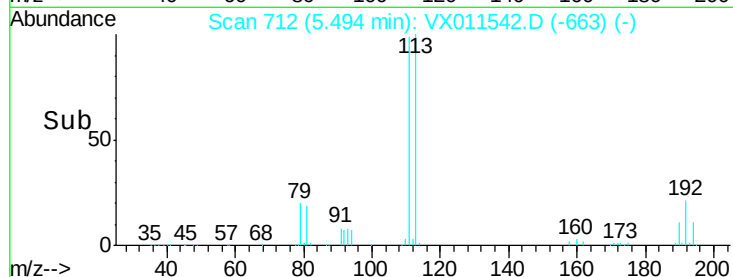
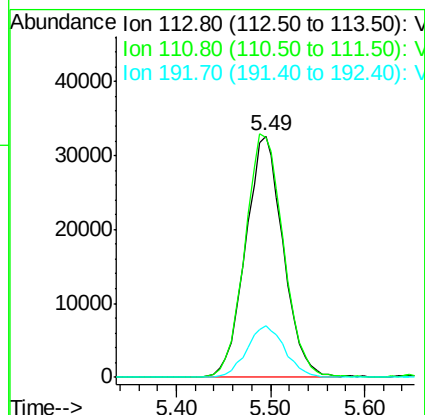
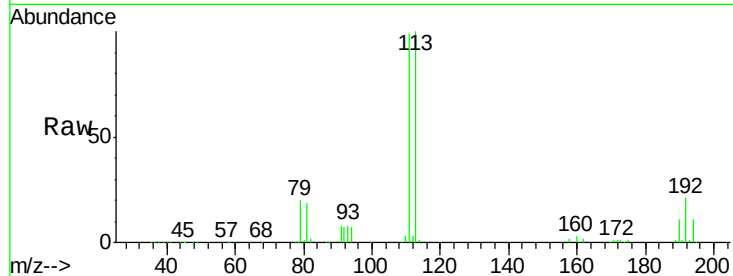




#35  
 Dibromofluoromethane  
 Concen: 46.483 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. 0.00 min  
 Lab File: VX011542.D  
 Acq: 13 Aug 2019 17:38

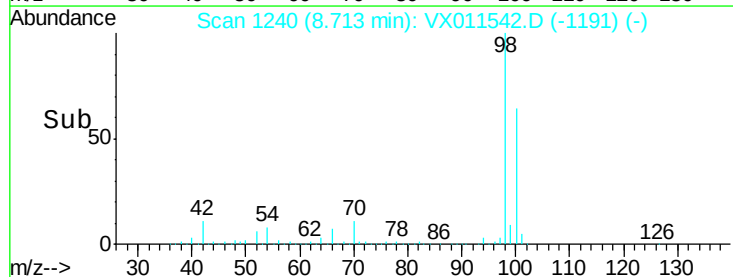
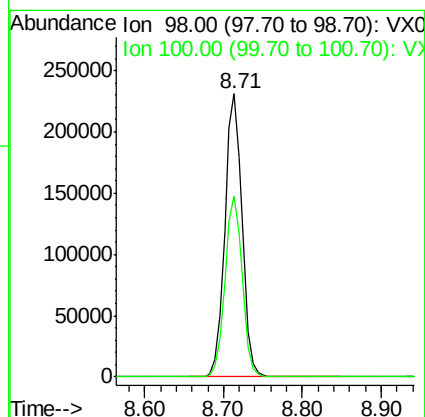
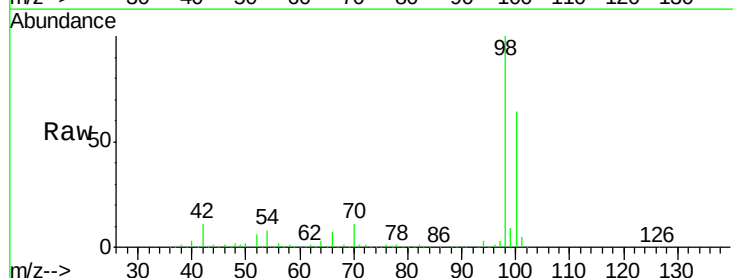
Instrument :  
 MSVOA\_X  
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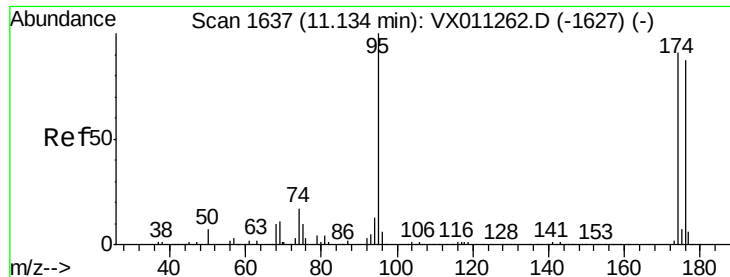
Tot Ion:113 Resp: 91172  
 Ion Ratio Lower Upper  
 113 100  
 111 103.4 81.9 122.9  
 192 21.6 17.8 26.8



#50  
 Toluene-d8  
 Concen: 47.091 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VX011542.D  
 Acq: 13 Aug 2019 17:38

Tgt Ion: 98 Resp: 348646  
 Ion Ratio Lower Upper  
 98 100  
 100 63.9 51.7 77.5

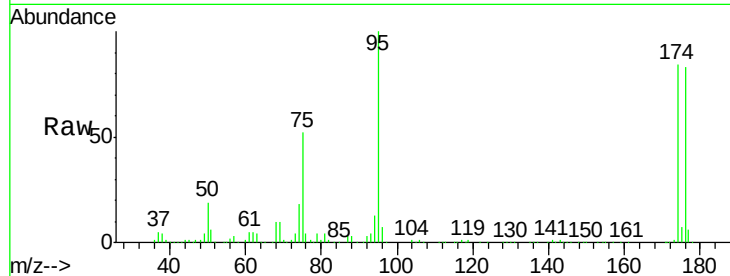




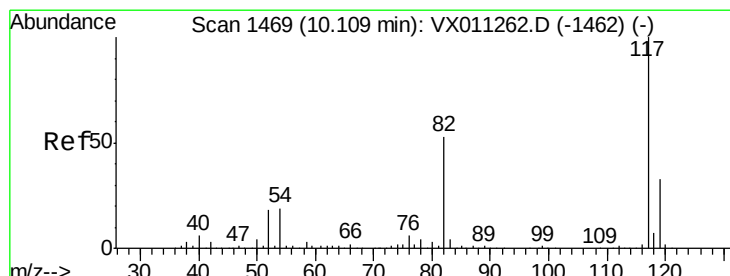
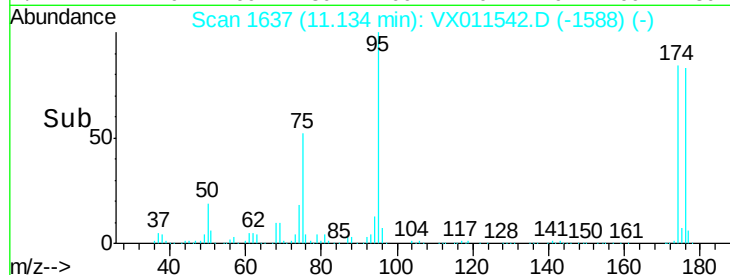
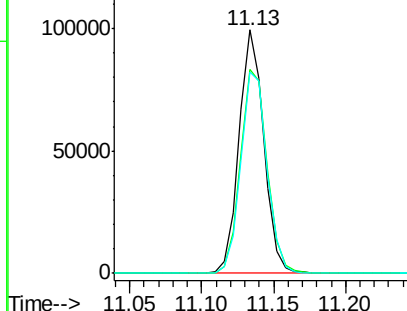
#62  
4-Bromofluorobenzene  
Concen: 44.910 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. 0.00 min  
Lab File: VX011542.D  
Acq: 13 Aug 2019 17:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
KY038PS037-190812

Tot Ion: 95 Resp: 118711  
Ion Ratio Lower Upper  
95 100  
174 89.9 0.0 191.2  
176 87.6 0.0 184.8

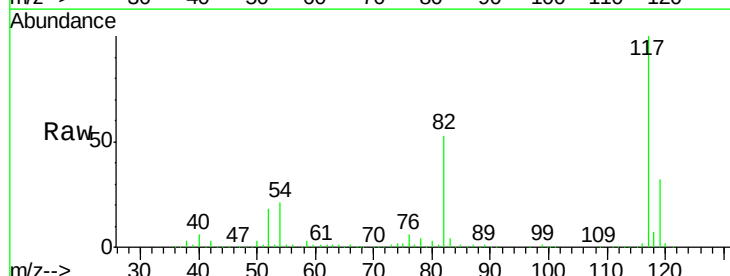


Abundance Ion 94.90 (94.60 to 95.60): VX0  
Ion 173.80 (173.50 to 174.50): V  
Ion 175.80 (175.50 to 176.50): V

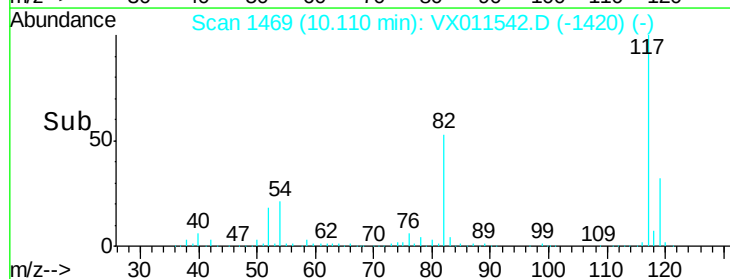
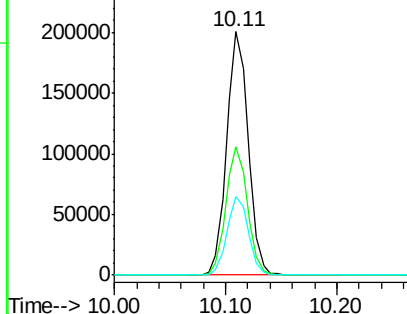


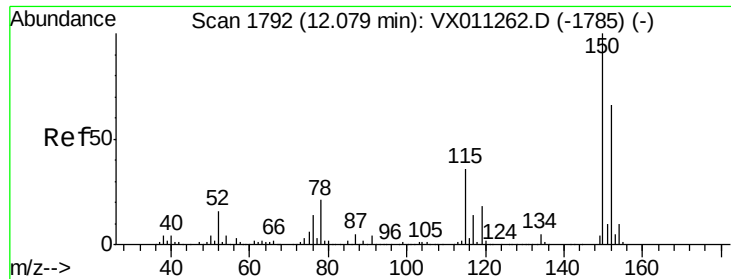
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX011542.D  
Acq: 13 Aug 2019 17:38

Tgt Ion: 117 Resp: 268198  
Ion Ratio Lower Upper  
117 100  
82 52.6 42.2 63.2  
119 32.2 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011542.D

Acq: 13 Aug 2019 17:38

Instrument :

MSVOA\_X

ClientSampleId :

KY038PS037-190812

Tot Ion:152 Resp: 124314

Ion Ratio Lower Upper

152 100

115 55.1 40.0 119.9

150 157.1 0.0 350.4

