

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052220\  
 Data File : VX016407.D  
 Acq On : 22 May 2020 13:20  
 Operator : JC/SP  
 Sample : L2728-11  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 240000

Quant Time: May 23 02:28:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

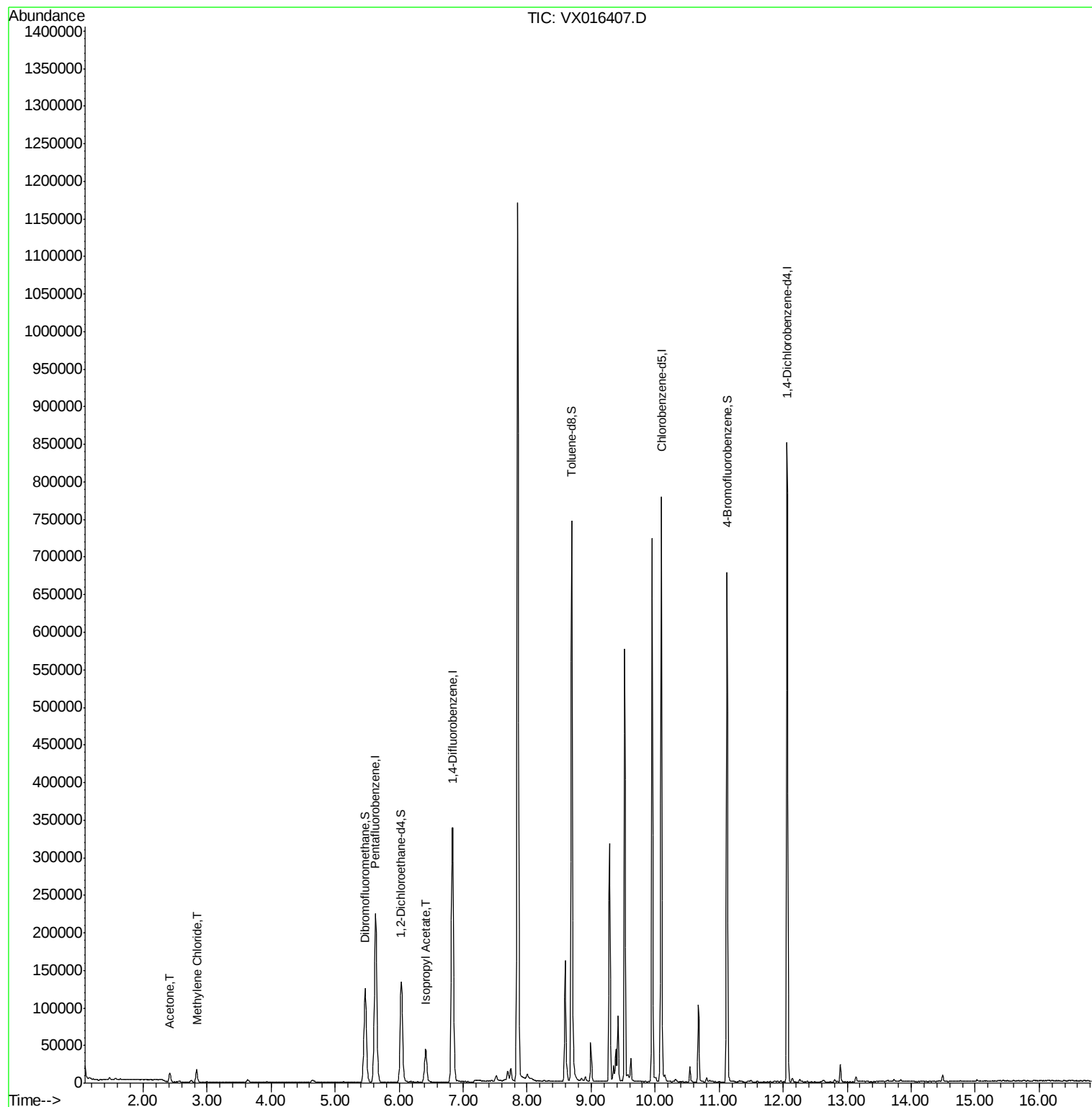
| Internal Standards          | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.63   | 168  | 223728   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84   | 114  | 367079   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10  | 117  | 359219   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.07  | 152  | 184151   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03   | 65   | 128055   | 43.50 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 87.00%  |          |
| 35) Dibromofluoromethane    | 5.47   | 113  | 107603   | 46.27 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 92.54%  |          |
| 50) Toluene-d8              | 8.70   | 98   | 455799   | 50.87 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 101.74% |          |
| 62) 4-Bromofluorobenzene    | 11.12  | 95   | 179548   | 52.68 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 105.36% |          |
| Target Compounds            |        |      |          |       |         |          |
| 16) Acetone                 | 2.42   | 43   | 12378    | 9.423 | ug/l    | 90       |
| 20) Methylene Chloride      | 2.84   | 84   | 8257     | 3.049 | ug/l    | 95       |
| 43) Isopropyl Acetate       | 6.42   | 43   | 60356    | 9.032 | ug/l    | 96       |

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

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Quant Title : SW846 8260  
QLast Update : Wed May 06 06:43:32 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: VX016407.D

Acq: 22 May 2020 13:20

Instrument :

MSVOA\_X

ClientSampleId :

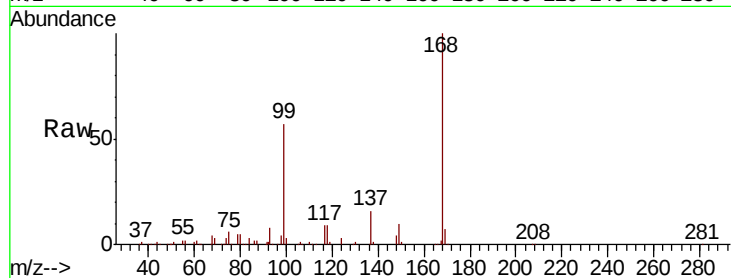
240000

Tot Ion:168 Resp: 223728

Ion Ratio Lower Upper

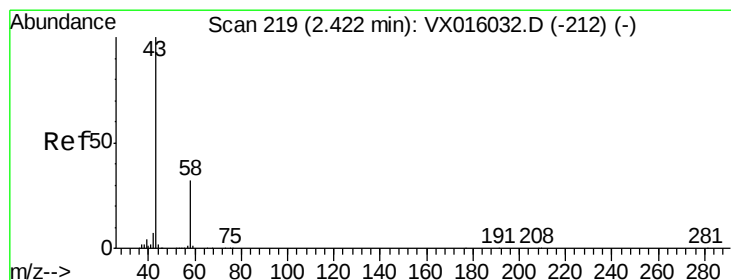
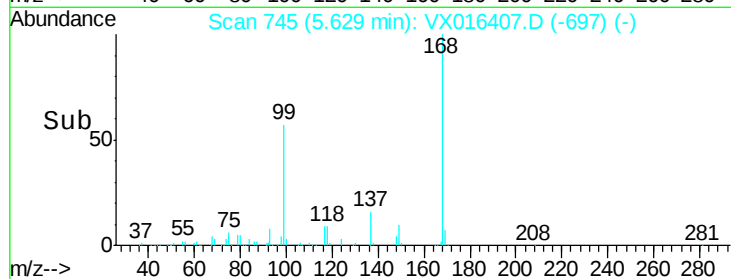
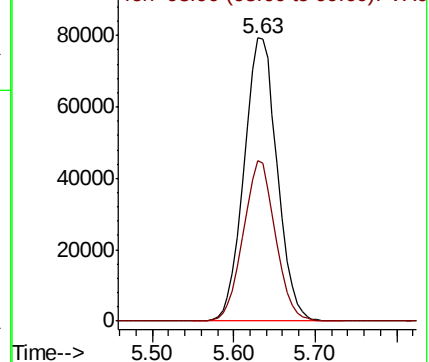
168 100

99 56.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 9.423 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016407.D

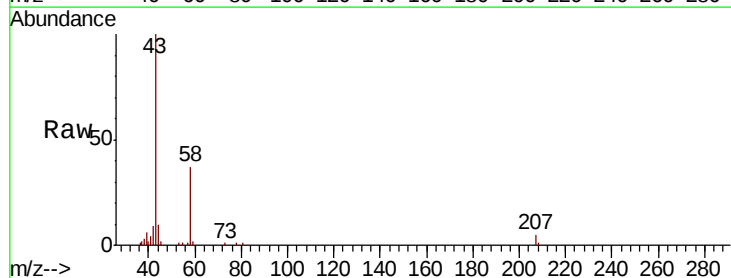
Acq: 22 May 2020 13:20

Tgt Ion: 43 Resp: 12378

Ion Ratio Lower Upper

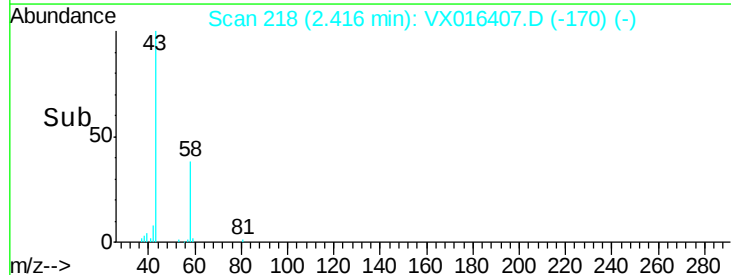
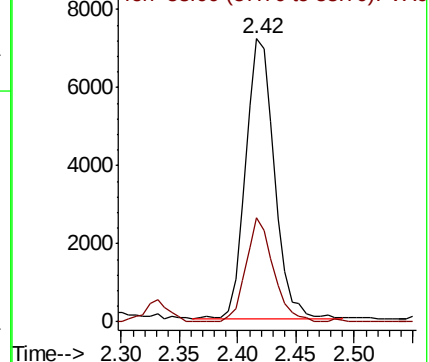
43 100

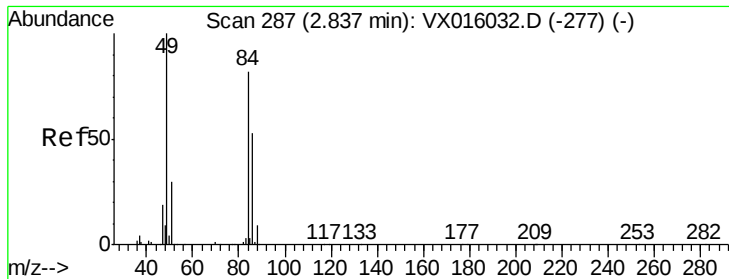
58 37.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

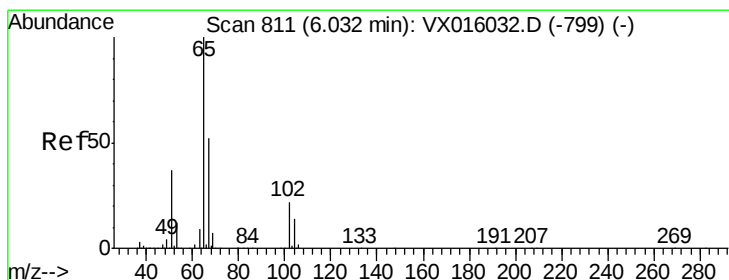
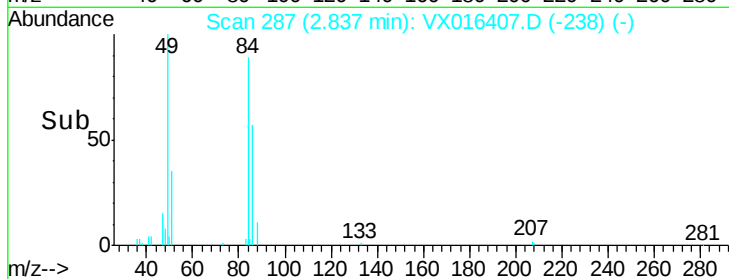
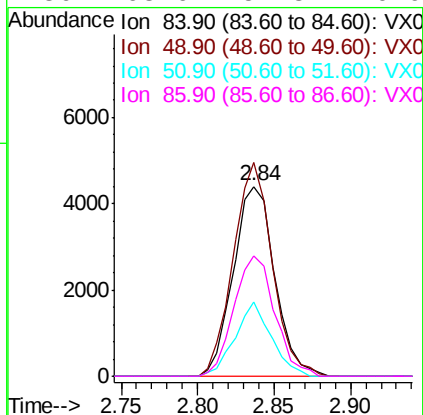
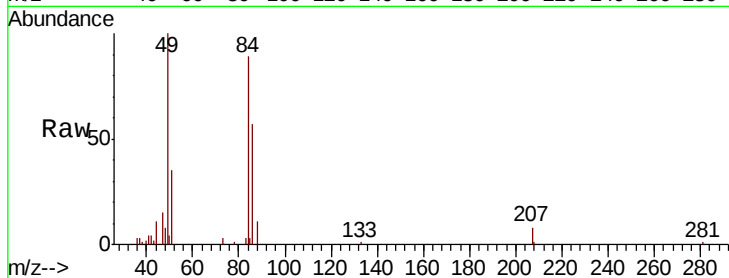




#20  
Methylene Chloride  
Concen: 3.049 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. -0.00 min  
Lab File: VX016407.D  
Acq: 22 May 2020 13:20

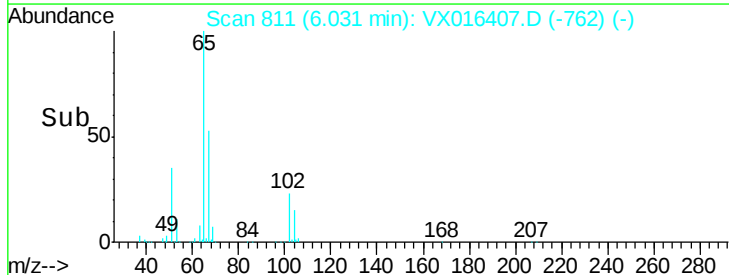
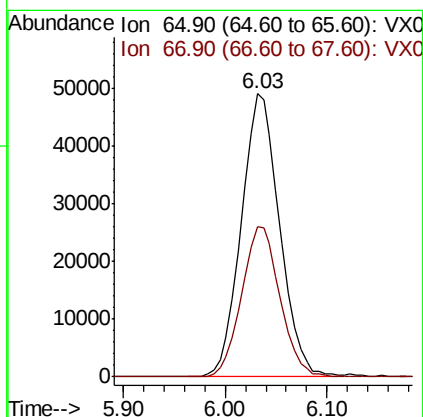
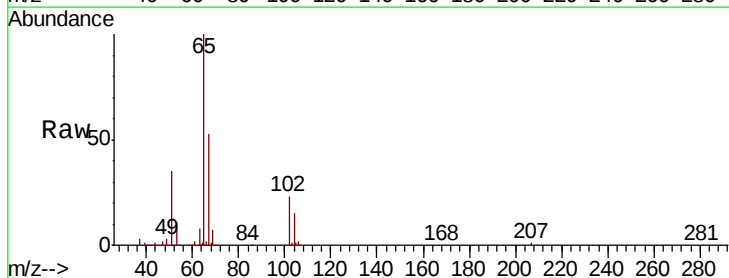
Instrument :  
MSVOA\_X  
ClientSampleId :  
240000

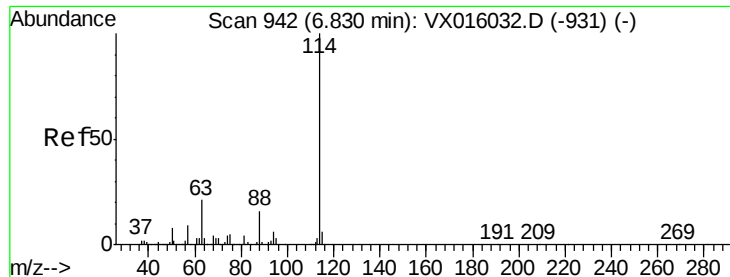
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 8257  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 112.5 | 97.3  | 145.9 |
| 51       | 39.0  | 29.3  | 43.9  |
| 86       | 63.6  | 51.3  | 76.9  |



#33  
1,2-Dichloroethane-d4  
Concen: 43.496 ug/l  
RT: 6.03 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: VX016407.D  
Acq: 22 May 2020 13:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 128055 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 53.1  | 0.0   | 104.8  |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016407.D

Acq: 22 May 2020 13:20

Instrument :

MSVOA\_X

ClientSampleId :

240000

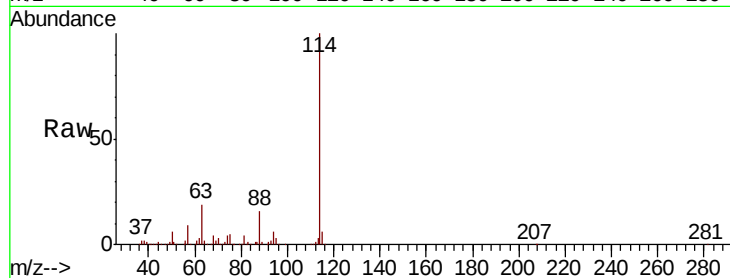
Tot Ion:114 Resp: 367079

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

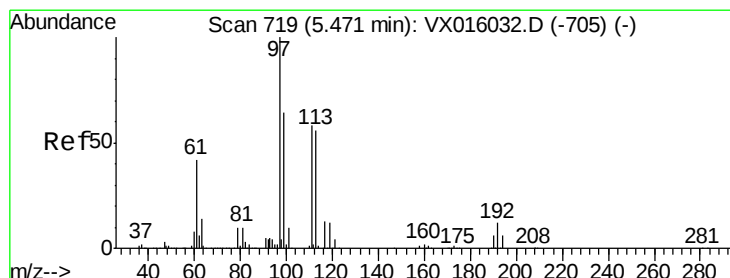
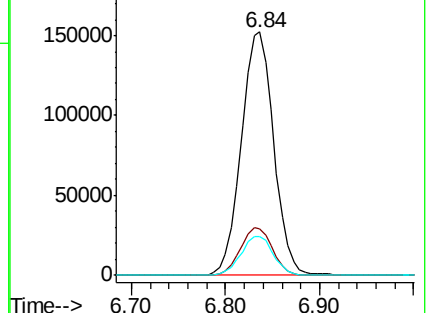
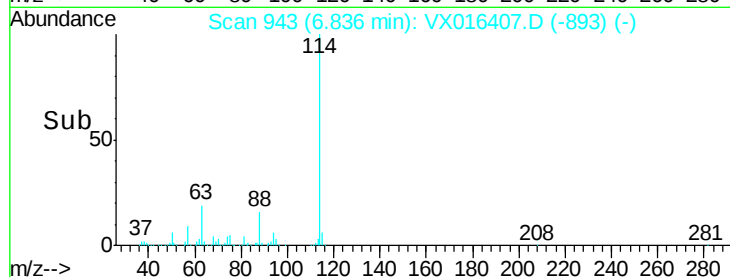
88 16.2 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 46.269 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016407.D

Acq: 22 May 2020 13:20

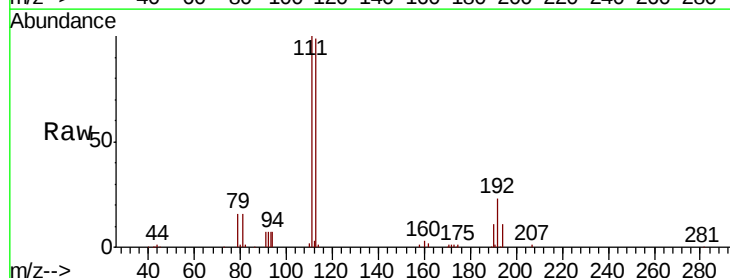
Tgt Ion:113 Resp: 107603

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

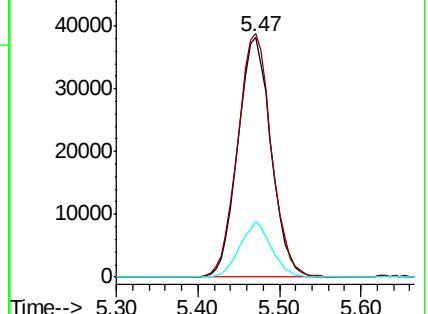
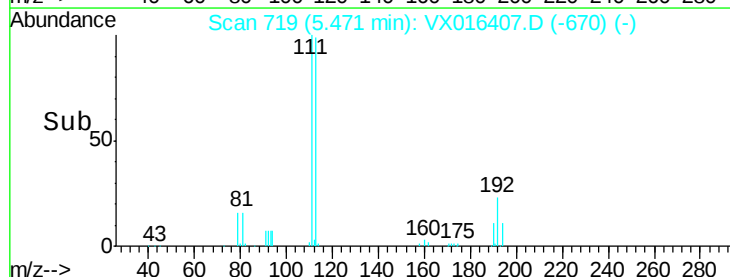
192 21.8 17.0 25.4

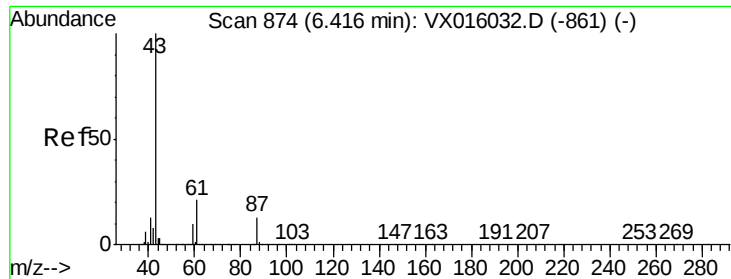


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.032 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016407.D

Acq: 22 May 2020 13:20

Instrument :

MSVOA\_X

ClientSampleId :

240000

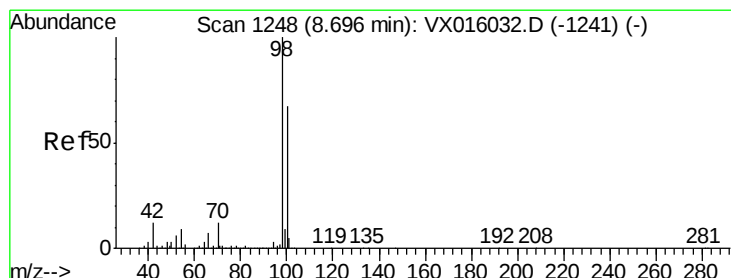
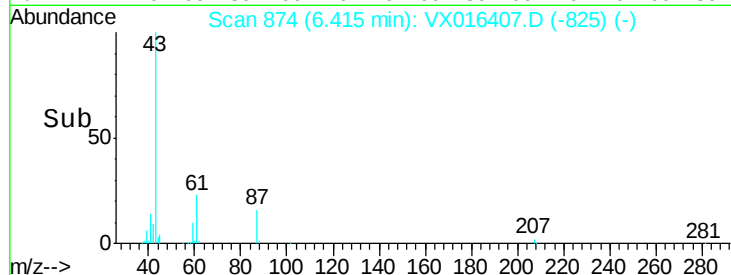
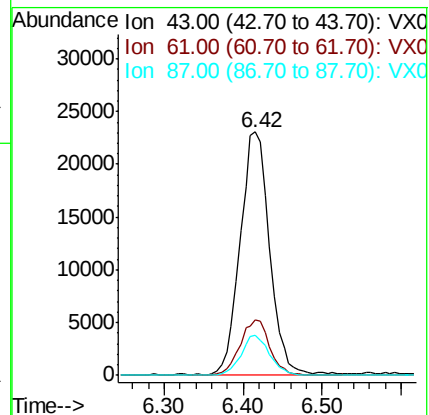
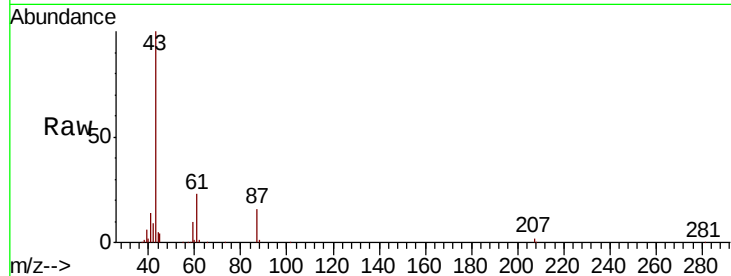
Tot Ion: 43 Resp: 60356

Ion Ratio Lower Upper

43 100

61 22.8 17.0 25.4

87 15.6 11.0 16.6



#50

Toluene-d8

Concen: 50.866 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016407.D

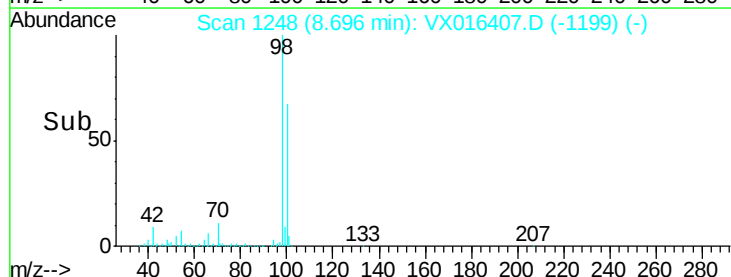
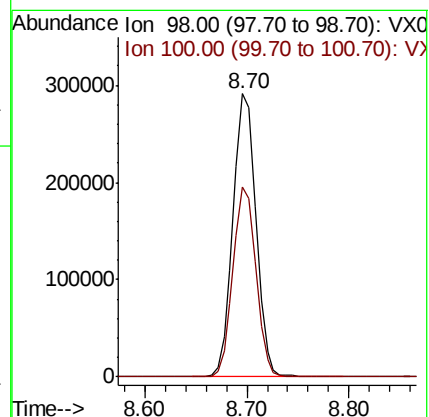
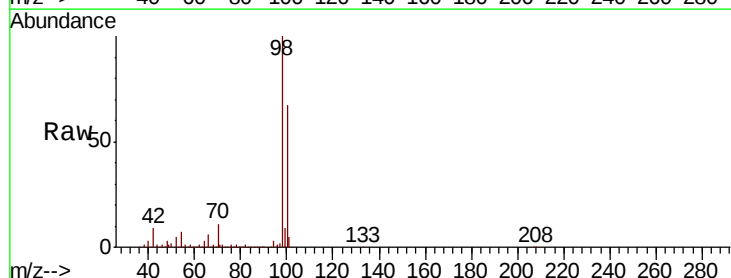
Acq: 22 May 2020 13:20

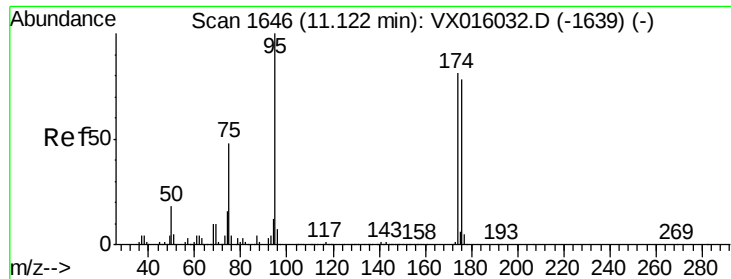
Tgt Ion: 98 Resp: 455799

Ion Ratio Lower Upper

98 100

100 67.0 53.7 80.5

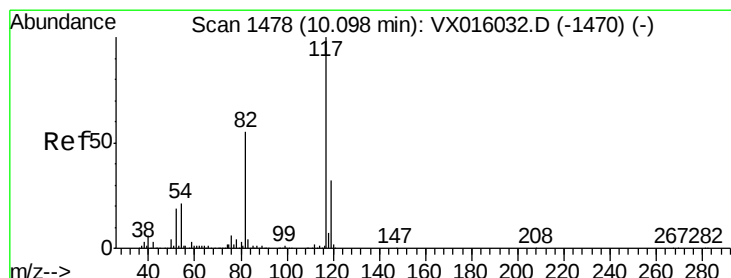
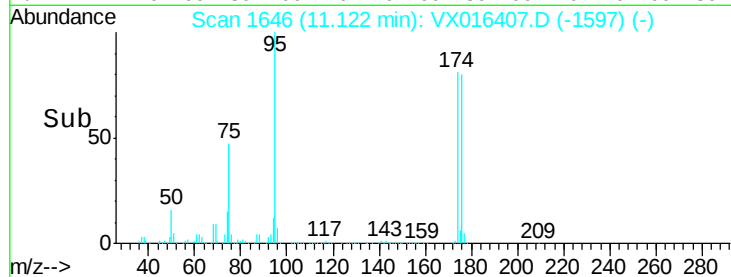
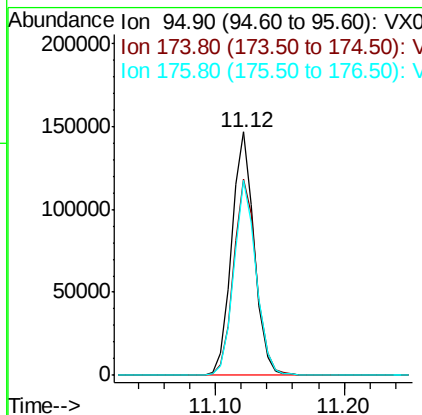
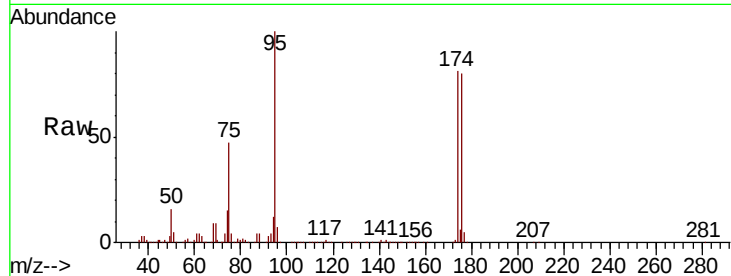




#62  
4-Bromofluorobenzene  
Concen: 52.681 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: VX016407.D  
Acq: 22 May 2020 13:20

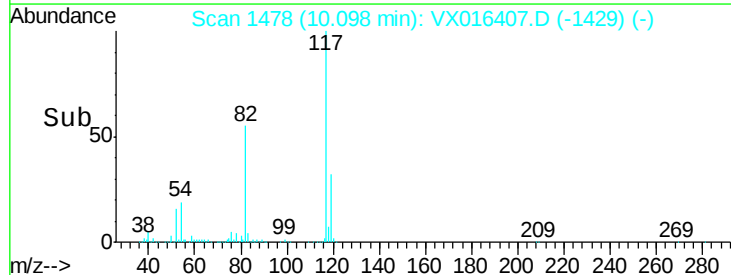
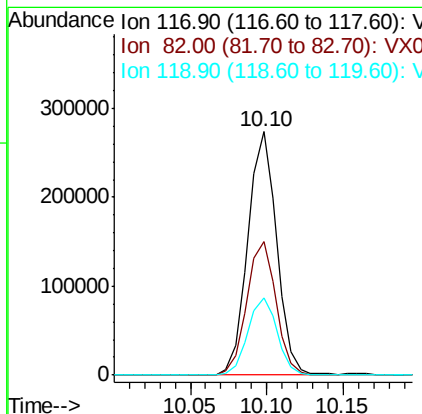
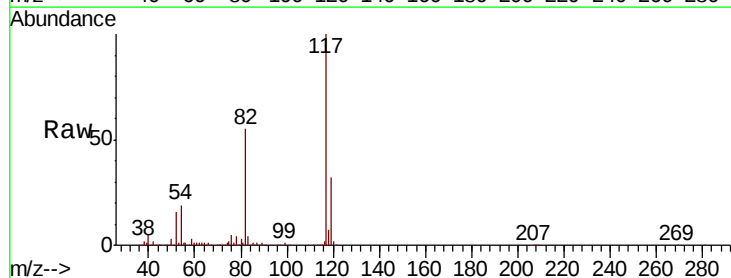
Instrument :  
MSVOA\_X  
ClientSampleId :  
240000

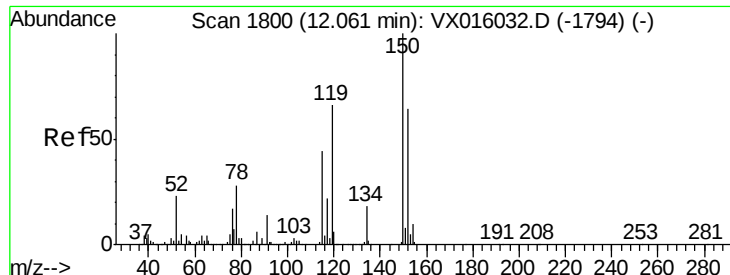
Tot Ion: 95 Resp: 179548  
Ion Ratio Lower Upper  
95 100  
174 81.3 0.0 159.4  
176 78.6 0.0 157.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016407.D  
Acq: 22 May 2020 13:20

Tgt Ion: 117 Resp: 359219  
Ion Ratio Lower Upper  
117 100  
82 54.6 44.4 66.6  
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016407.D

Acq: 22 May 2020 13:20

Instrument :

MSVOA\_X

ClientSampleId :

240000

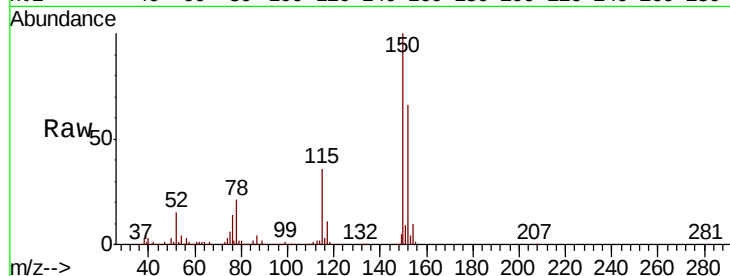
Tot Ion:152 Resp: 184151

Ion Ratio Lower Upper

152 100

115 58.8 41.3 124.1

150 153.6 0.0 352.2



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

