

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\  
 Data File : VX010569.D  
 Acq On : 29 Jun 2019 05:24  
 Operator : JC/SP  
 Sample : K3555-24  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SAMPLE-14

Quant Time: Jun 29 07:11:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 03:31:56 2019  
 Response via : Initial Calibration

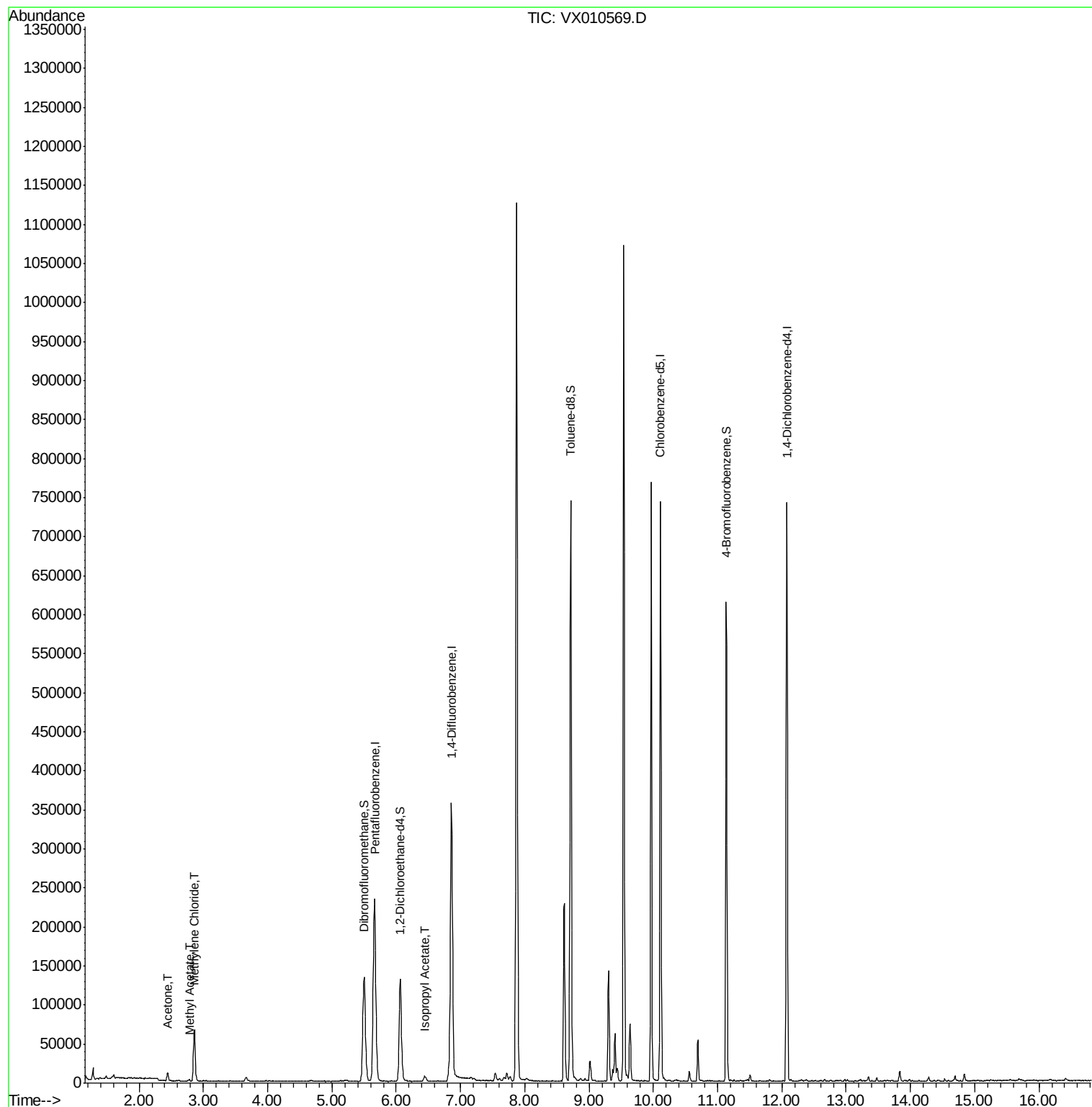
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 245074   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 380682   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 355308   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 165441   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 117822   | 51.28  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.56% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 113206   | 48.60  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.20%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 457111   | 51.30  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.60% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 154820   | 48.12  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 96.24%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.45  | 43   | 11323    | 9.832  | ug/l    | 97       |
| 18) Methyl Acetate          | 2.78  | 43   | 2805     | 1.222  | ug/l #  | 70       |
| 20) Methylene Chloride      | 2.86  | 84   | 33530    | 14.148 | ug/l    | 94       |
| 43) Isopropyl Acetate       | 6.45  | 43   | 9711     | 1.886  | ug/l    | 96       |

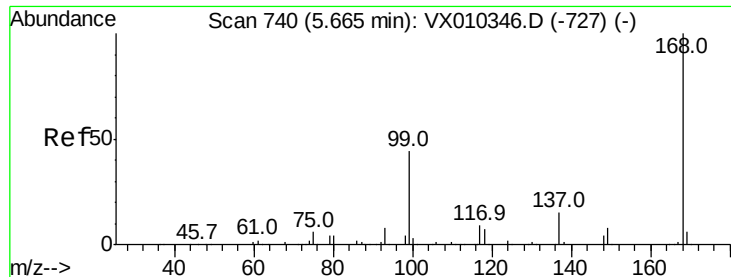
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062819\  
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Quant Title : SW846 8260  
QLast Update : Thu Jun 20 03:31:56 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: VX010569.D

Acq: 29 Jun 2019 05:24

Instrument :

MSVOA\_X

ClientSampleId :

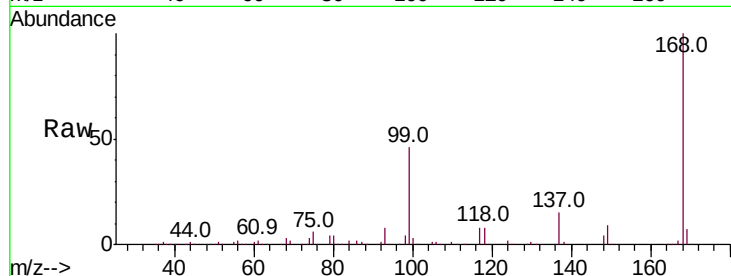
SAMPLE-14

Tot Ion:168 Resp: 245074

Ion Ratio Lower Upper

168 100

99 45.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

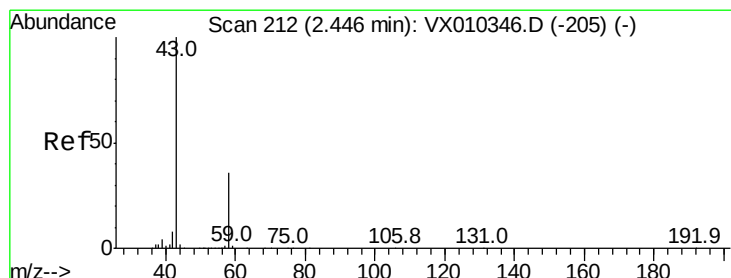
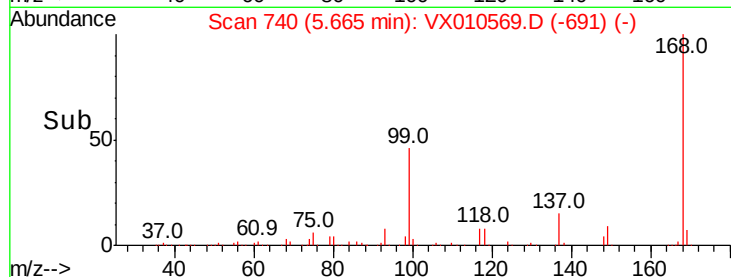
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.832 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010569.D

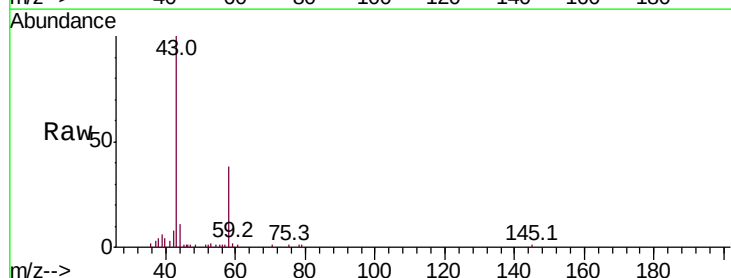
Acq: 29 Jun 2019 05:24

Tgt Ion: 43 Resp: 11323

Ion Ratio Lower Upper

43 100

58 38.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

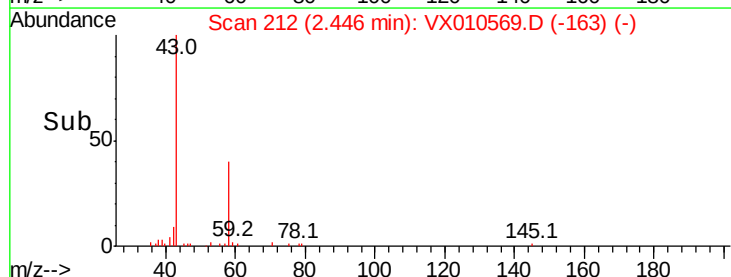
6000

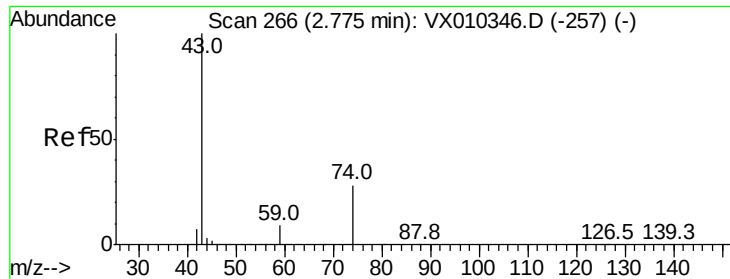
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

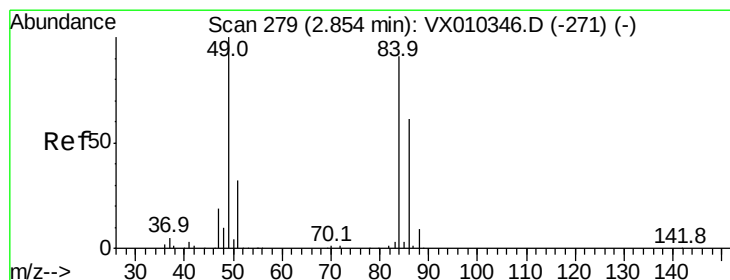
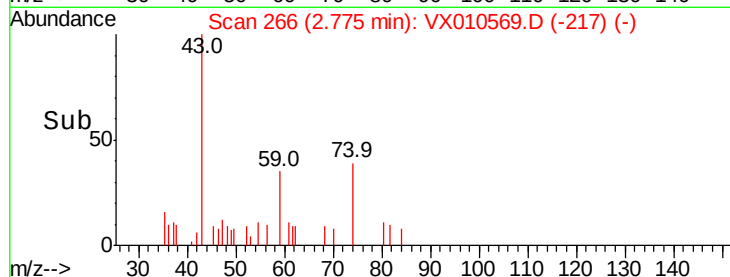
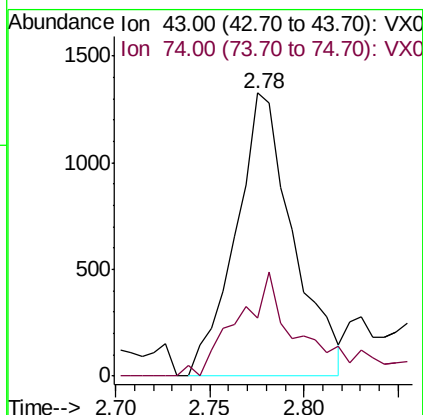
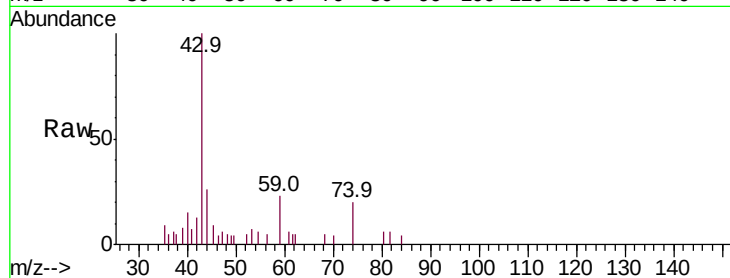




#18  
Methvl Acetate  
Concen: 1.222 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX010569.D  
Acq: 29 Jun 2019 05:24

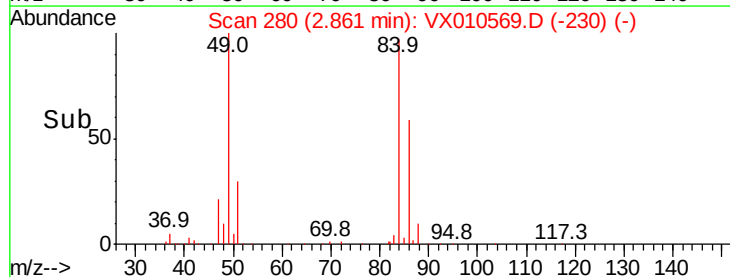
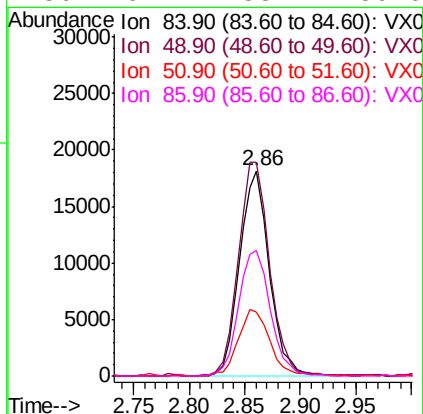
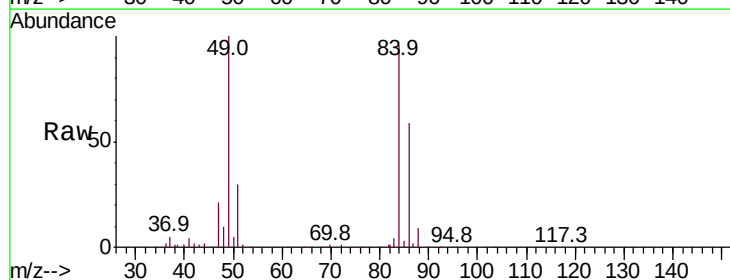
Instrument :  
MSVOA\_X  
ClientSampled :  
SAMPLE-14

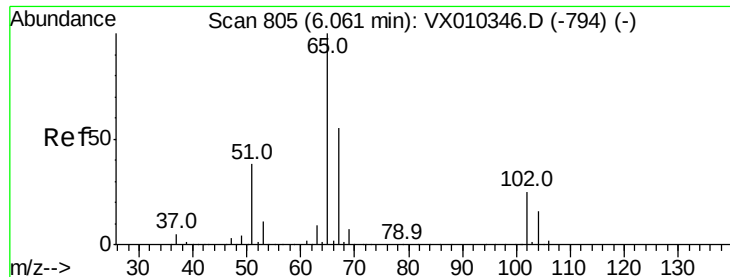
Tot Ion: 43 Resp: 2805  
Ion Ratio Lower Upper  
43 100  
74 42.1 21.3 31.9#



#20  
Methylene Chloride  
Concen: 14.148 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX010569.D  
Acq: 29 Jun 2019 05:24

Tgt Ion: 84 Resp: 33530  
Ion Ratio Lower Upper  
84 100  
49 104.0 87.5 131.3  
51 31.5 27.7 41.5  
86 61.1 53.4 80.0

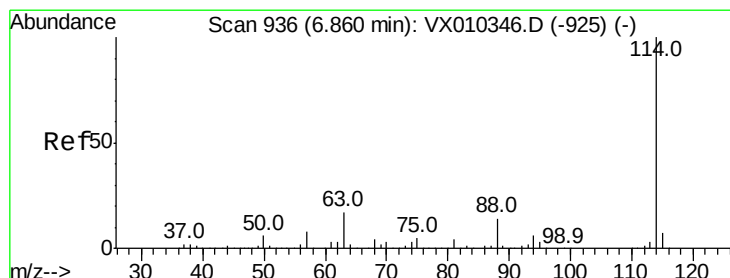
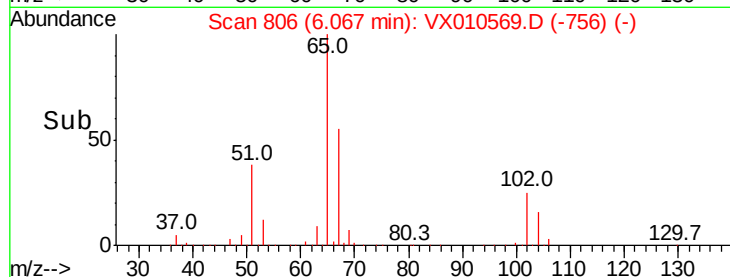
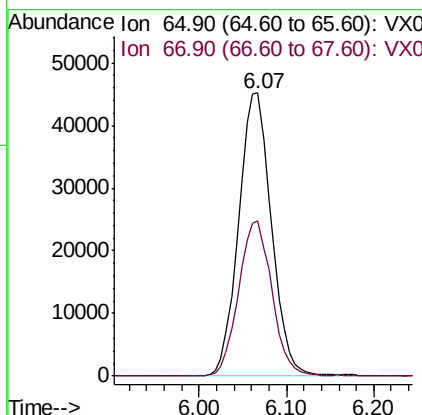
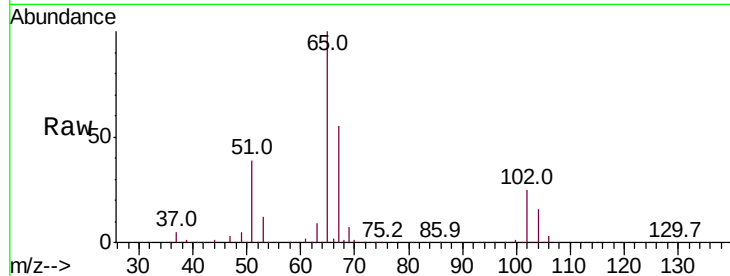




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.276 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.01 min  
 Lab File: VX010569.D  
 Acq: 29 Jun 2019 05:24

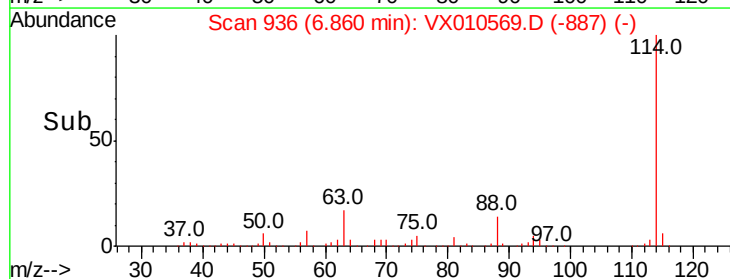
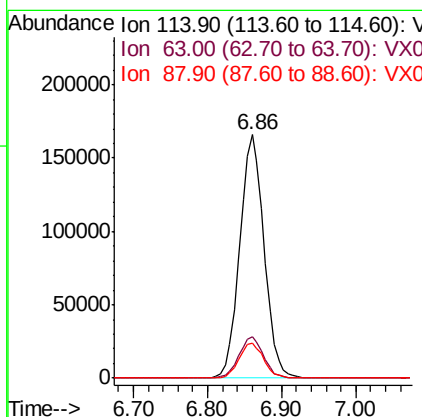
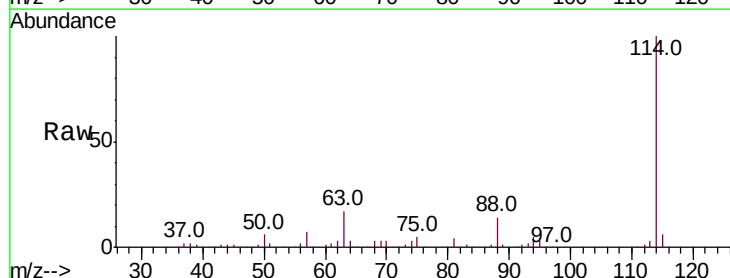
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SAMPLE-14

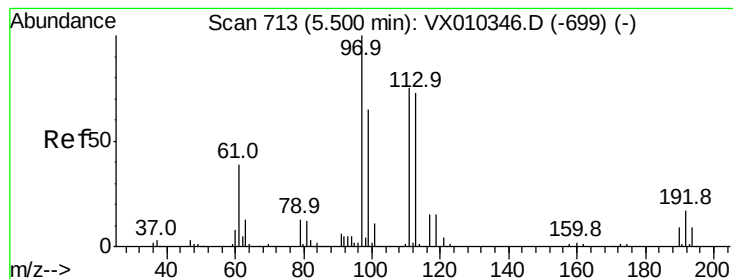
Tot Ion: 65 Resp: 117822  
 Ion Ratio Lower Upper  
 65 100  
 67 55.6 0.0 110.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX010569.D  
 Acq: 29 Jun 2019 05:24

Tgt Ion: 114 Resp: 380682  
 Ion Ratio Lower Upper  
 114 100  
 63 17.1 0.0 33.8  
 88 14.2 0.0 27.6





#35

Dibromofluoromethane

Concen: 48.604 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010569.D

Acq: 29 Jun 2019 05:24

Instrument :

MSVOA\_X

ClientSampled :

SAMPLE-14

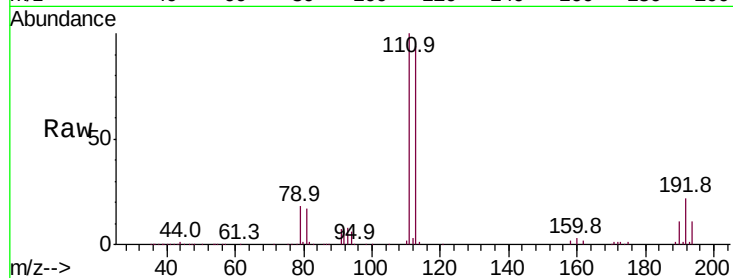
Tot Ion:113 Resp: 113206

Ion Ratio Lower Upper

113 100

111 104.1 81.2 121.8

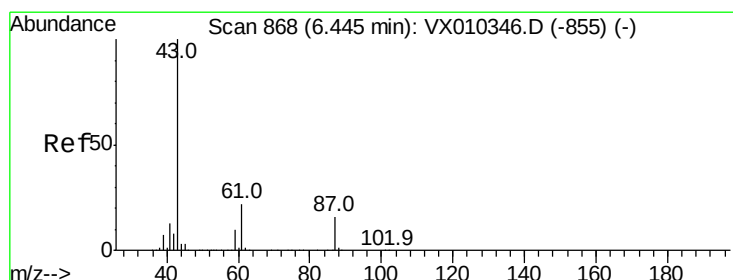
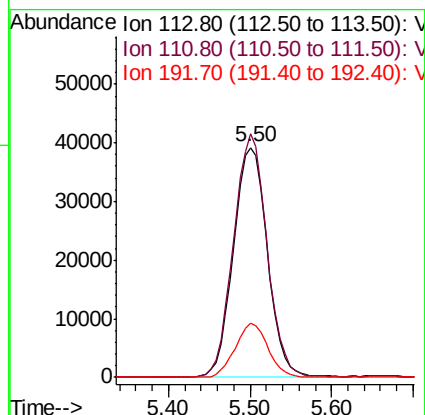
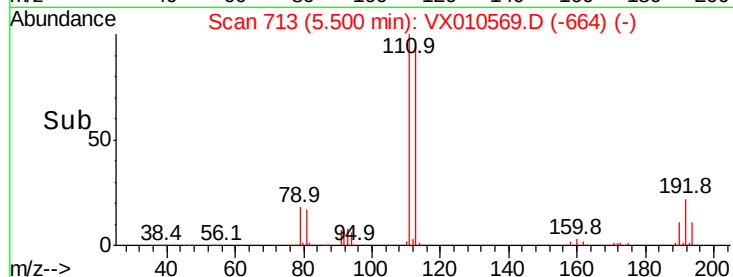
192 22.7 18.6 27.8



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: 1.886 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010569.D

Acq: 29 Jun 2019 05:24

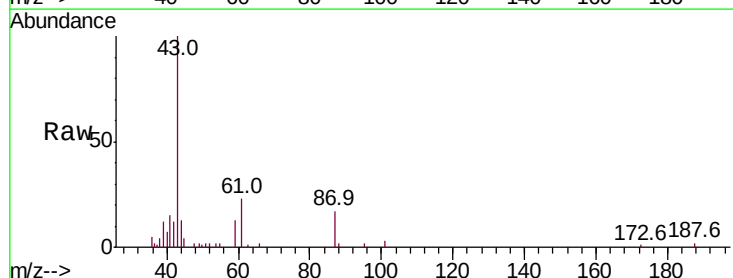
Tgt Ion: 43 Resp: 9711

Ion Ratio Lower Upper

43 100

61 23.7 17.8 26.6

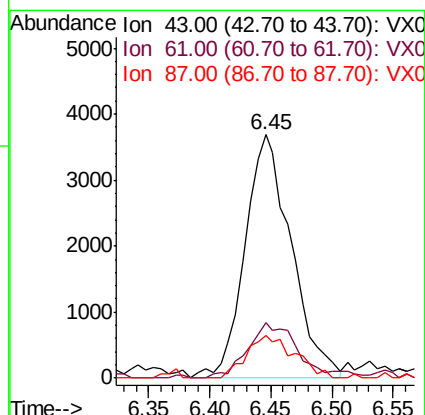
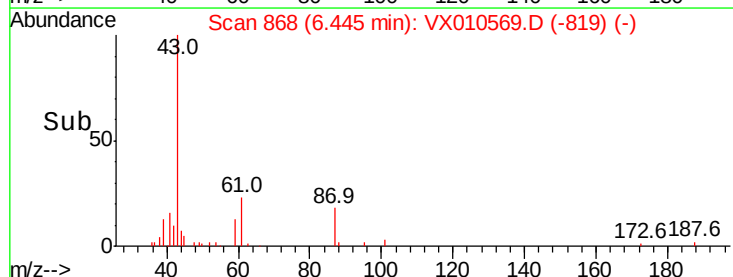
87 18.0 13.0 19.4

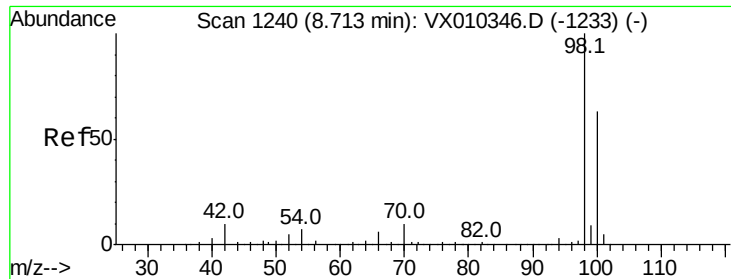


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.298 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010569.D

Acq: 29 Jun 2019 05:24

Instrument :

MSVOA\_X

ClientSampleId :

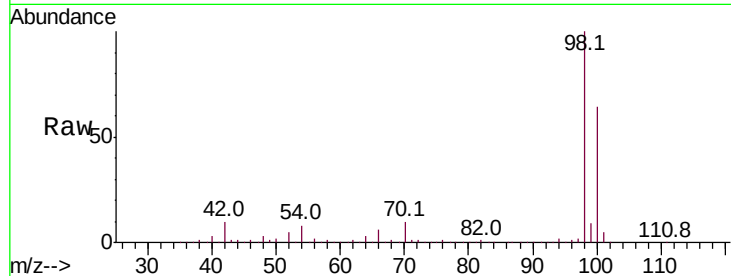
SAMPLE-14

Tot Ion: 98 Resp: 457111

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): V

8.71

300000

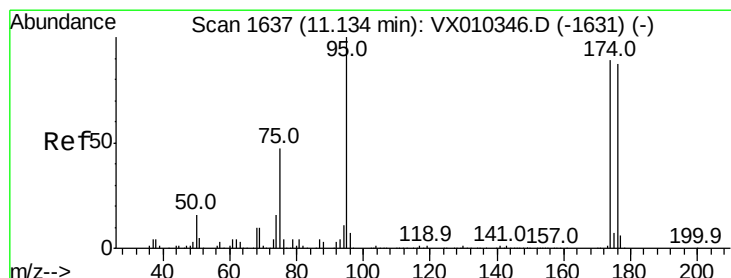
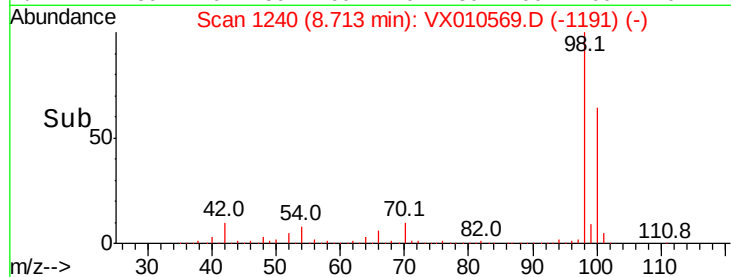
200000

100000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 48.124 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010569.D

Acq: 29 Jun 2019 05:24

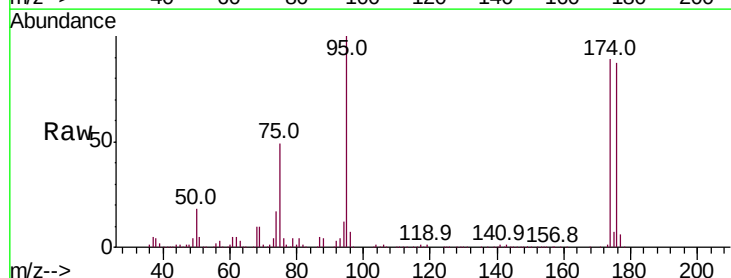
Tgt Ion: 95 Resp: 154820

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.6

176 91.8 0.0 184.0



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

150000

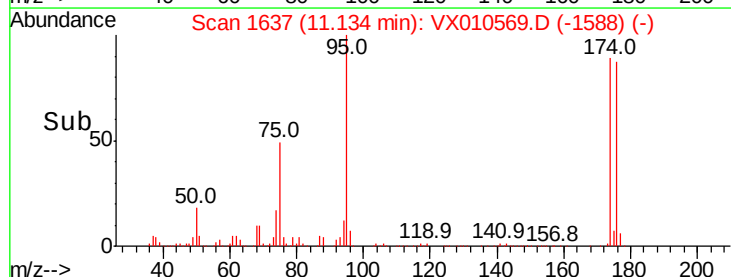
100000

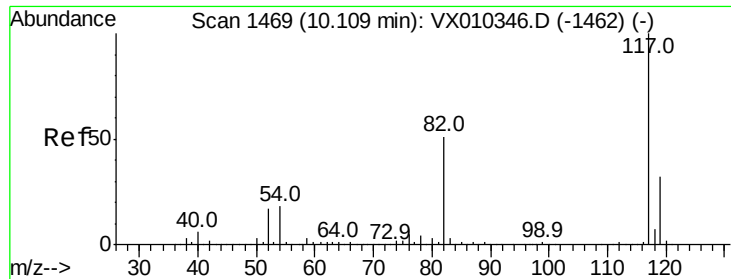
50000

0

11.10 11.20

Time-->

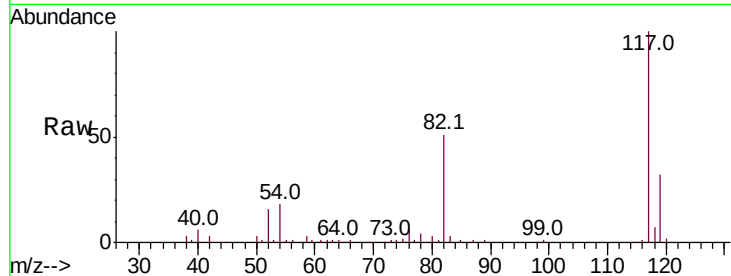




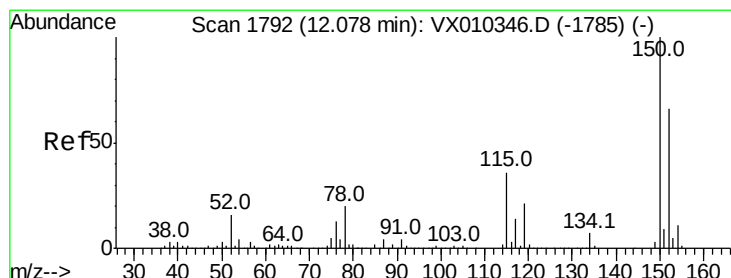
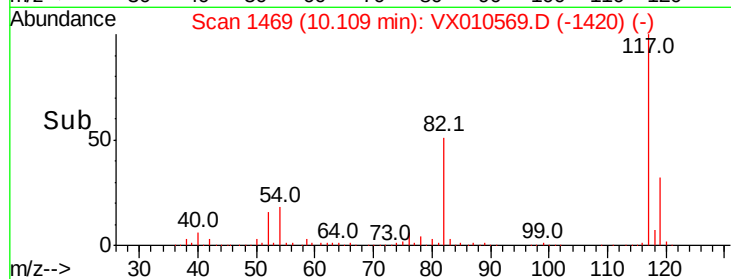
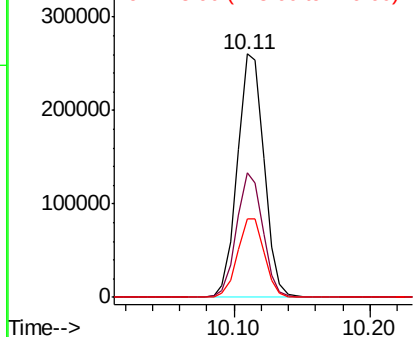
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX010569.D  
Acq: 29 Jun 2019 05:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
SAMPLE-14

Tot Ion:117 Resp: 355308  
Ion Ratio Lower Upper  
117 100  
82 51.4 41.2 61.8  
119 32.1 25.5 38.3

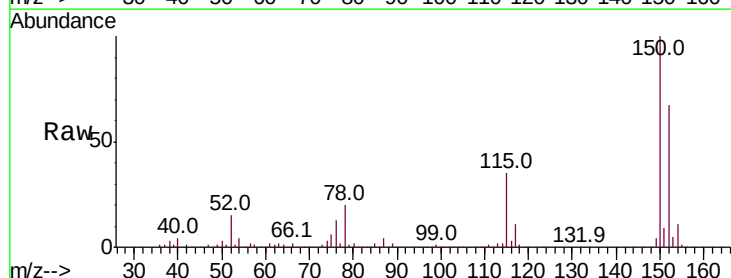


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX010569.D  
Acq: 29 Jun 2019 05:24

Tgt Ion:152 Resp: 165441  
Ion Ratio Lower Upper  
152 100  
115 54.4 38.6 115.7  
150 155.2 0.0 347.4



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

