

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\  
 Data File : VX013895.D  
 Acq On : 10 Dec 2019 14:03  
 Operator : JC/SP  
 Sample : K6186-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S32-GAC1-IDW01

Quant Time: Dec 11 06:20:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 26 15:53:00 2019  
 Response via : Initial Calibration

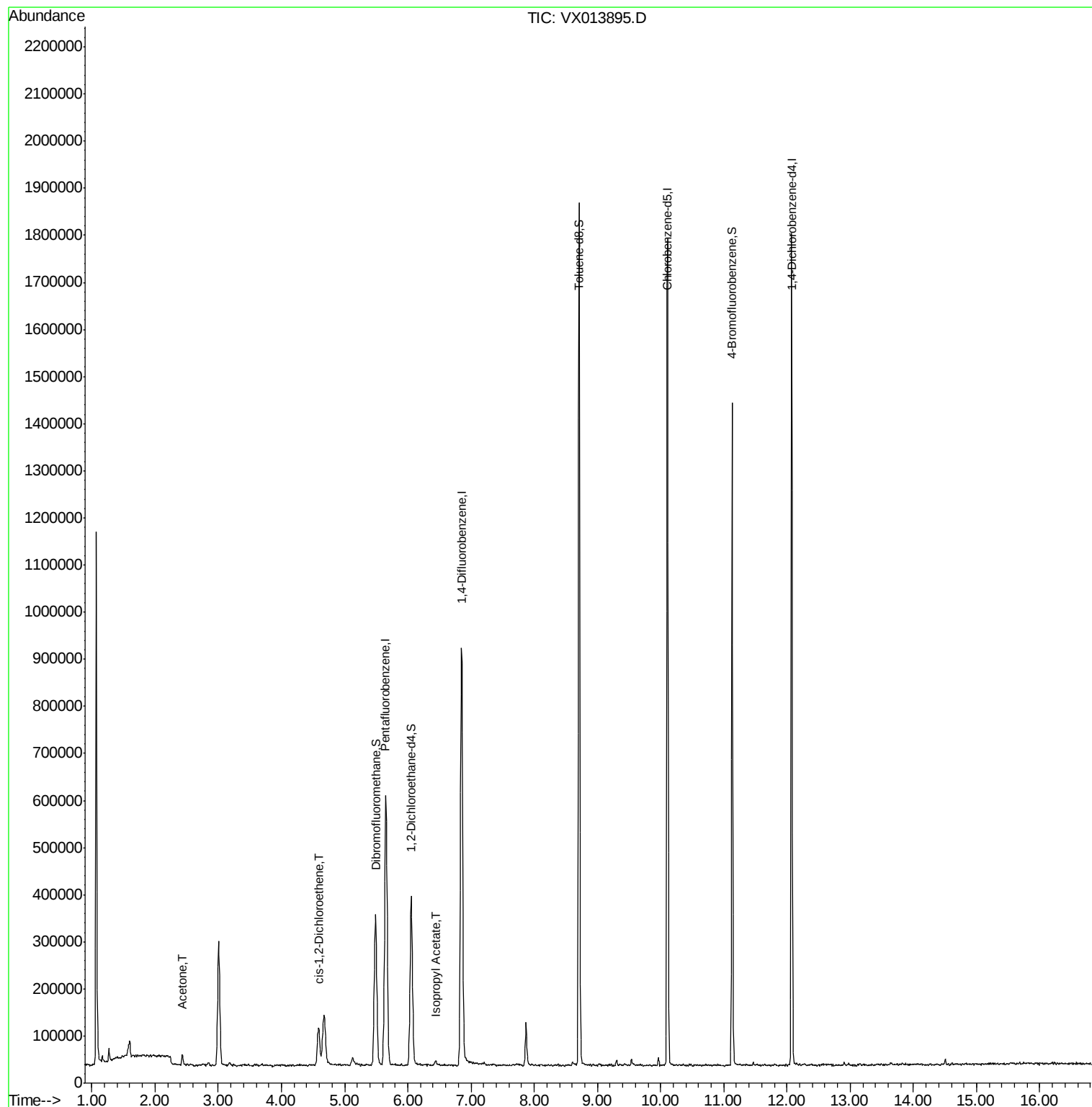
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 5.65  | 168  | 596824   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.85  | 114  | 915639   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 814081   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.07 | 152  | 361480   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.05  | 65   | 334201   | 48.24 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.48% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 278215   | 49.15 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.30% |          |
| 50) Toluene-d8              | 8.71  | 98   | 1088779  | 49.37 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.74% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 364744   | 45.86 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 91.72% |          |
| Target Compounds            |       |      |          |       |        |          |
| 16) Acetone                 | 2.43  | 43   | 24381    | 7.128 | ug/l   | 90       |
| 27) cis-1,2-Dichloroethene  | 4.59  | 96   | 53994    | 7.599 | ug/l   | 89       |
| 43) Isopropyl Acetate       | 6.44  | 43   | 14789    | 0.963 | ug/l # | 93       |

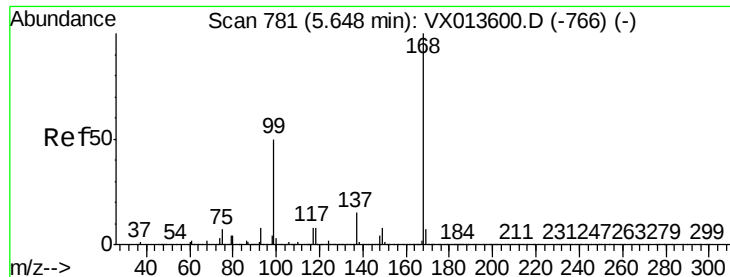
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121019\  
Data File : VX013895.D  
Acq On : 10 Dec 2019 14:03  
Operator : JC/SP  
Sample : K6186-02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
S32-GAC1-IDW01

Quant Time: Dec 11 06:20:31 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 26 15:53:00 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013895.D

Acq: 10 Dec 2019 14:03

Instrument :

MSVOA\_X

ClientSampleId :

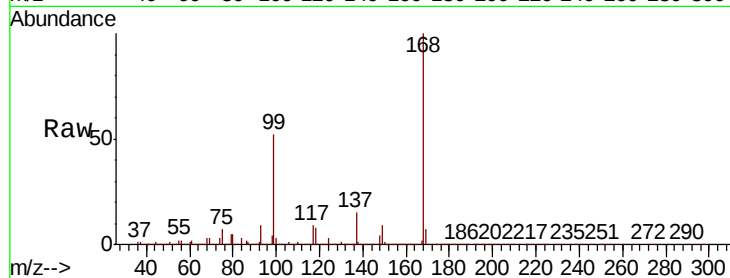
S32-GAC1-IDW01

Tot Ion:168 Resp: 596824

Ion Ratio Lower Upper

168 100

99 51.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

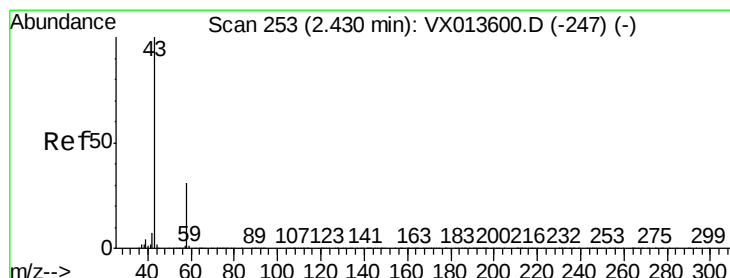
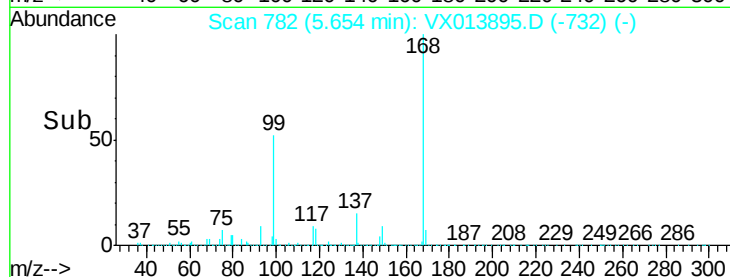
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.128 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013895.D

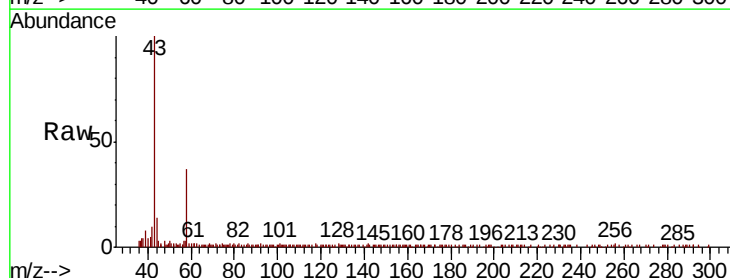
Acq: 10 Dec 2019 14:03

Tgt Ion: 43 Resp: 24381

Ion Ratio Lower Upper

43 100

58 36.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

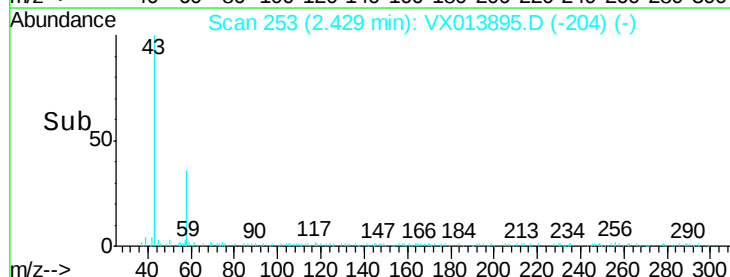
15000

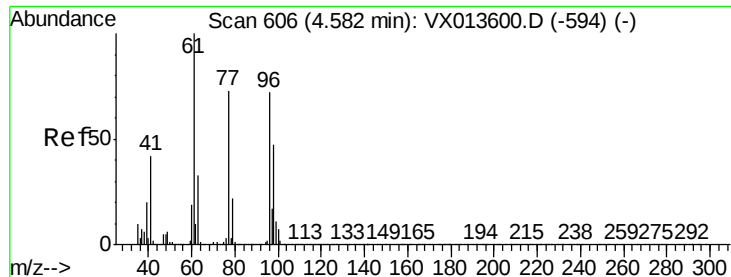
10000

5000

0

Time-->



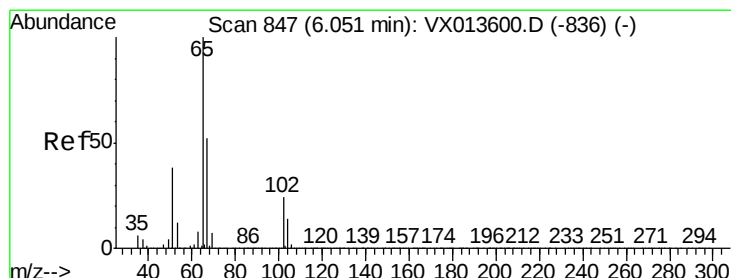
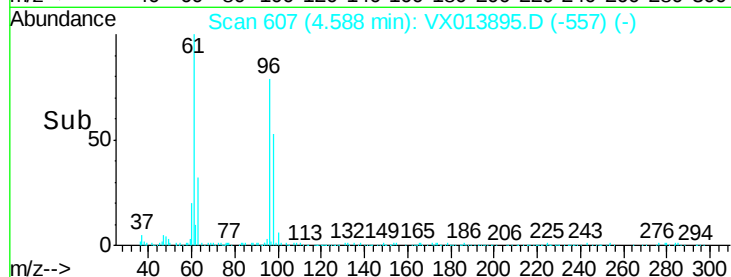
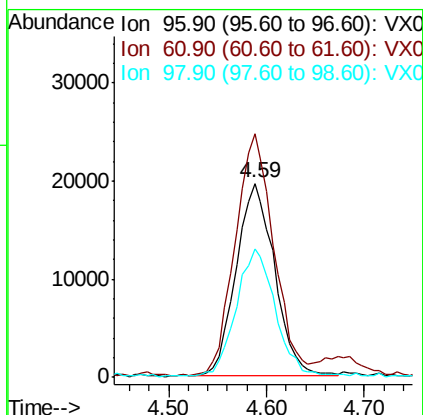
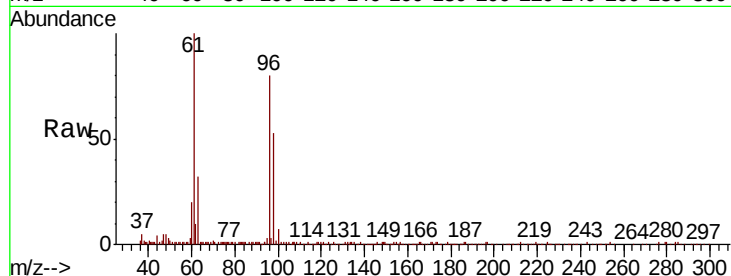


#27

cis-1,2-Dichloroethene  
Concen: 7.599 ug/l  
RT: 4.59 min Scan# 607  
Delta R.T. 0.01 min  
Lab File: VX013895.D  
Acq: 10 Dec 2019 14:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
S32-GAC1-IDW01

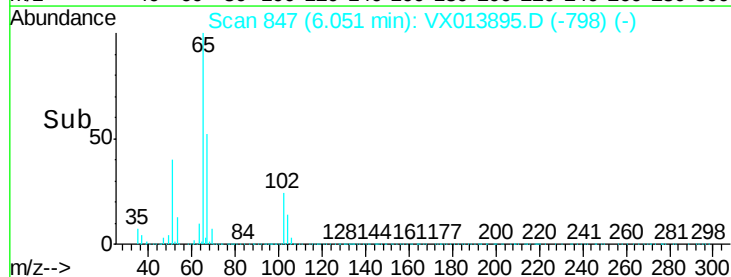
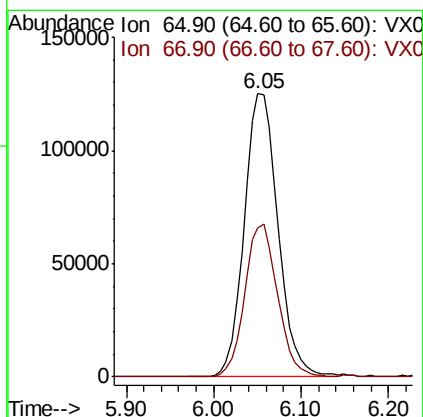
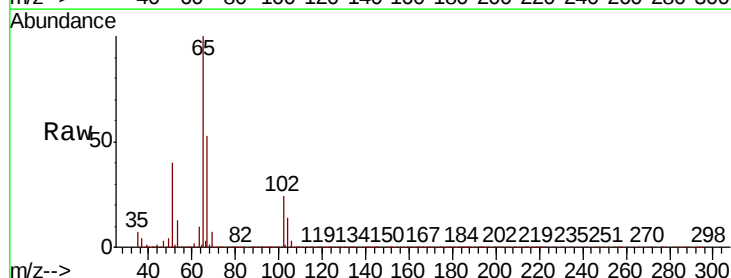
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 124.5 | 0.0   | 286.4 |
| 98      | 65.1  | 0.0   | 127.4 |

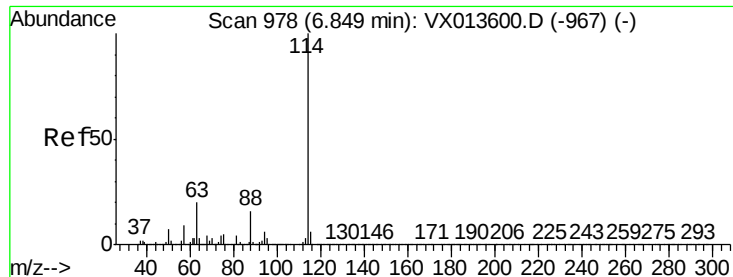


#33

1,2-Dichloroethane-d4  
Concen: 48.241 ug/l  
RT: 6.05 min Scan# 847  
Delta R.T. -0.00 min  
Lab File: VX013895.D  
Acq: 10 Dec 2019 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.3  | 0.0   | 104.4 |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013895.D

Acq: 10 Dec 2019 14:03

Instrument :

MSVOA\_X

ClientSampleId :

S32-GAC1-IDW01

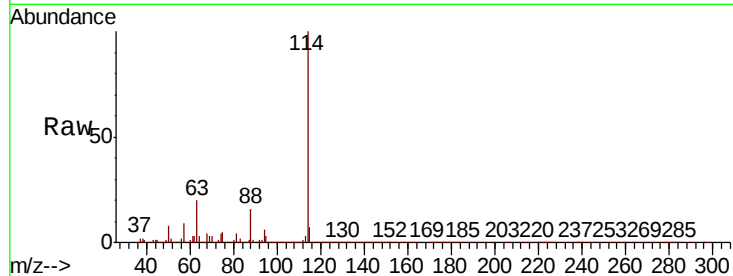
Tot Ion:114 Resp: 915639

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

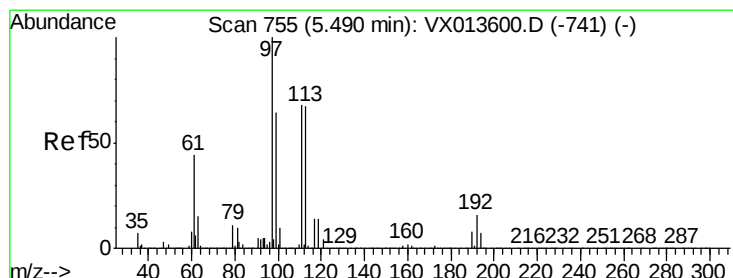
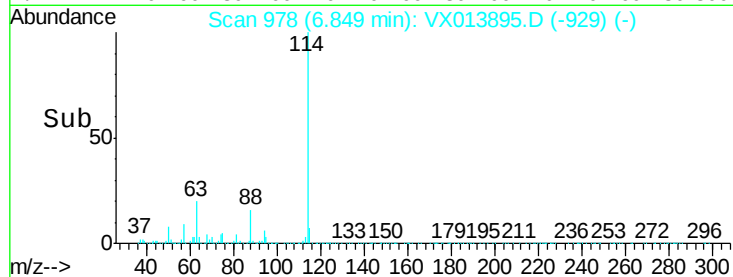
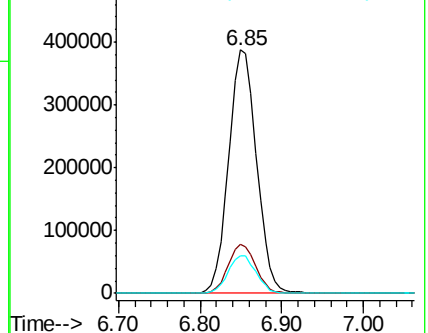
88 15.6 0.0 31.4



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: 49.149 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013895.D

Acq: 10 Dec 2019 14:03

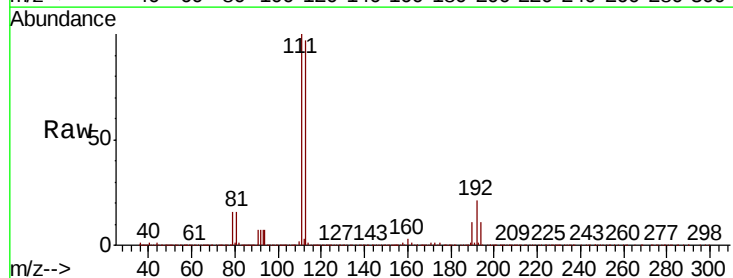
Tgt Ion:113 Resp: 278215

Ion Ratio Lower Upper

113 100

111 102.3 83.6 125.4

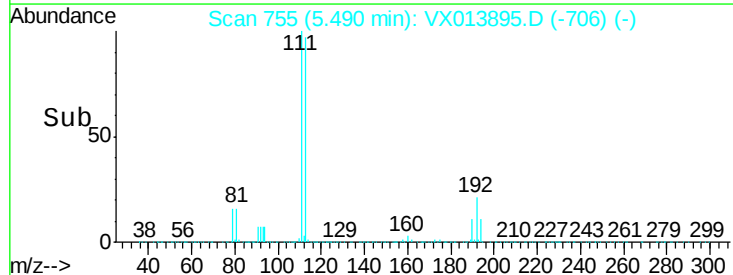
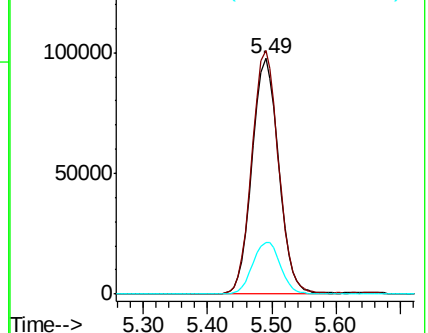
192 22.8 19.2 28.8

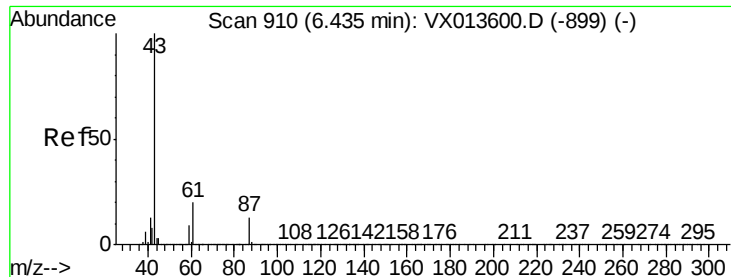


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 0.963 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX013895.D

Acq: 10 Dec 2019 14:03

Instrument :

MSVOA\_X

ClientSampleId :

S32-GAC1-IDW01

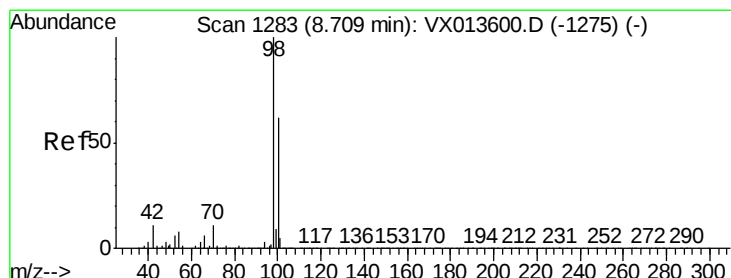
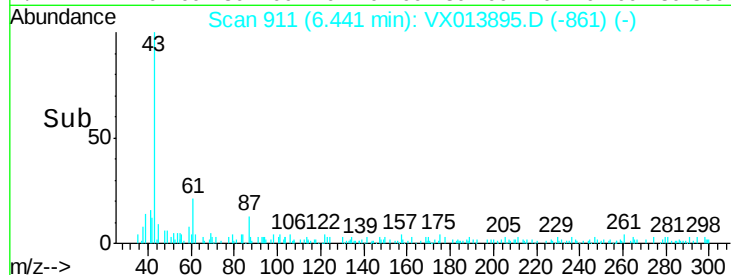
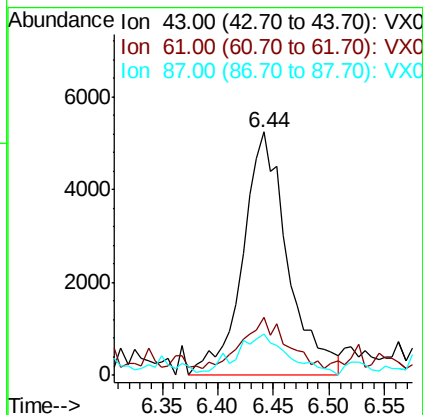
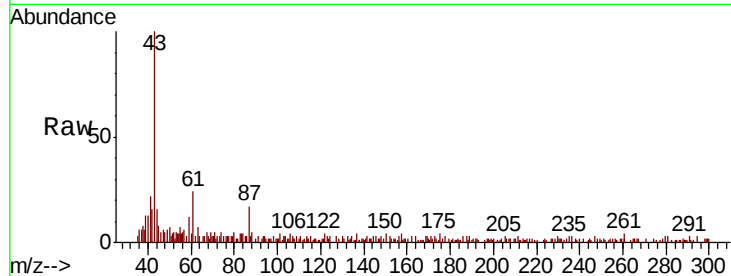
Tot Ion: 43 Resp: 14789

Ion Ratio Lower Upper

43 100

61 19.6 16.3 24.5

87 19.8 10.8 16.2#



#50

Toluene-d8

Concen: 49.368 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013895.D

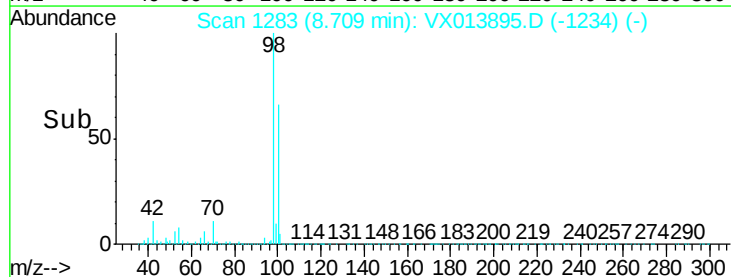
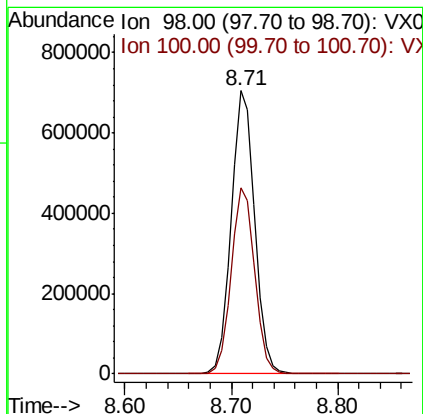
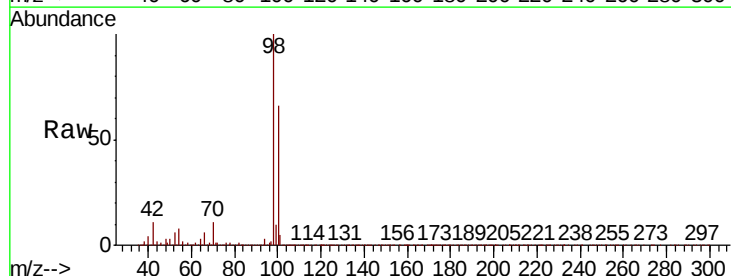
Acq: 10 Dec 2019 14:03

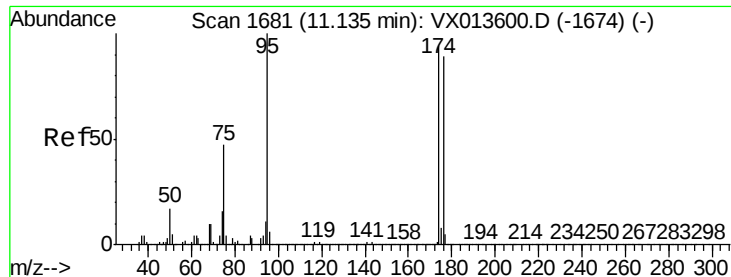
Tgt Ion: 98 Resp: 1088779

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.863 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013895.D

Acq: 10 Dec 2019 14:03

Instrument :

MSVOA\_X

ClientSampleId :

S32-GAC1-IDW01

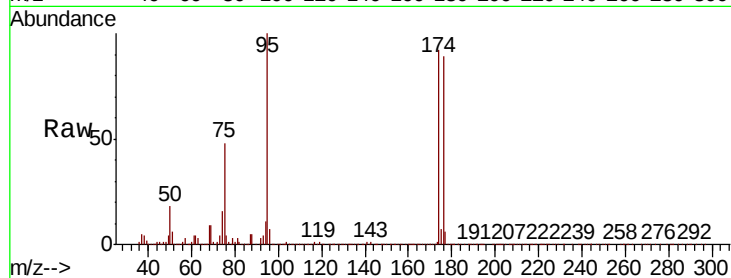
Tot Ion: 95 Resp: 364744

Ion Ratio Lower Upper

95 100

174 88.2 0.0 180.0

176 85.3 0.0 173.6

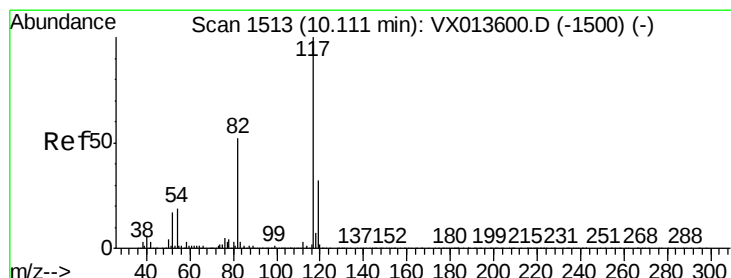
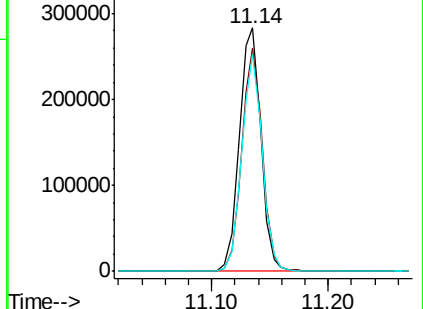
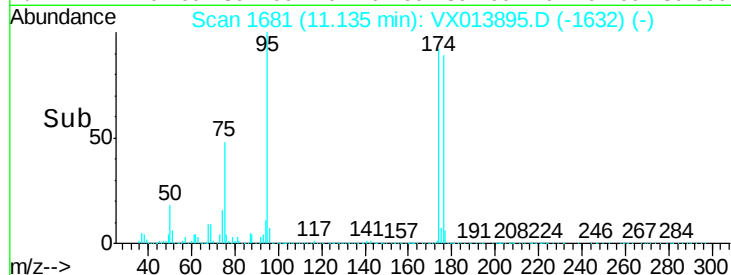


Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013895.D

Acq: 10 Dec 2019 14:03

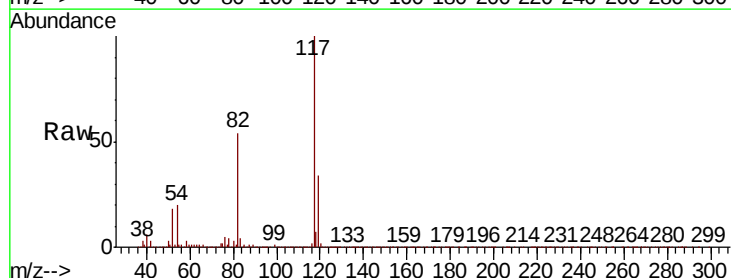
Tgt Ion: 117 Resp: 814081

Ion Ratio Lower Upper

117 100

82 53.6 41.8 62.8

119 33.6 25.8 38.8

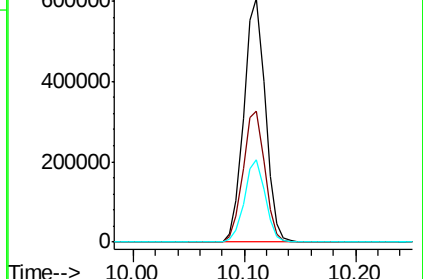
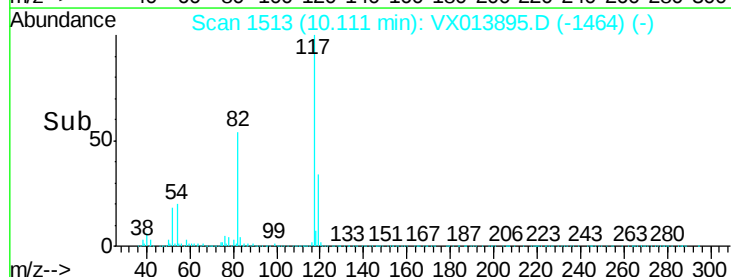


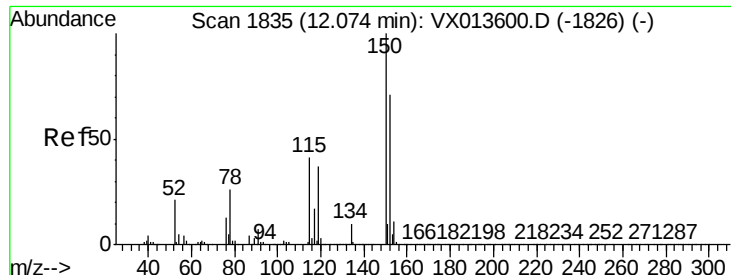
Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013895.D

Acq: 10 Dec 2019 14:03

Instrument :

MSVOA\_X

ClientSampleId :

S32-GAC1-IDW01

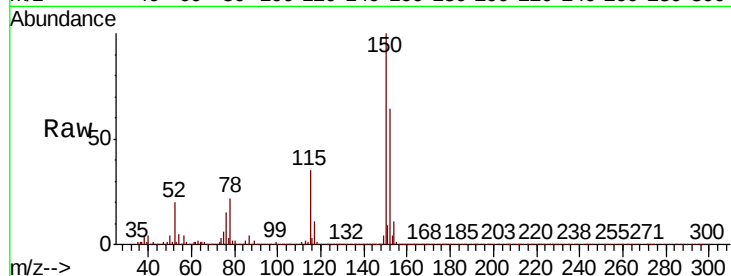
Tot Ion:152 Resp: 361480

Ion Ratio Lower Upper

152 100

115 55.4 38.4 115.1

150 157.5 0.0 346.8



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

600000

500000

400000

300000

200000

100000

0

12.07

12.00

12.10

Time-->

