

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\  
 Data File : VX009100.D  
 Acq On : 22 Apr 2019 16:22  
 Operator : JC/SP  
 Sample : K2515-16  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-12

Quant Time: Apr 23 04:07:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X041519W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 17 06:47:58 2019  
 Response via : Initial Calibration

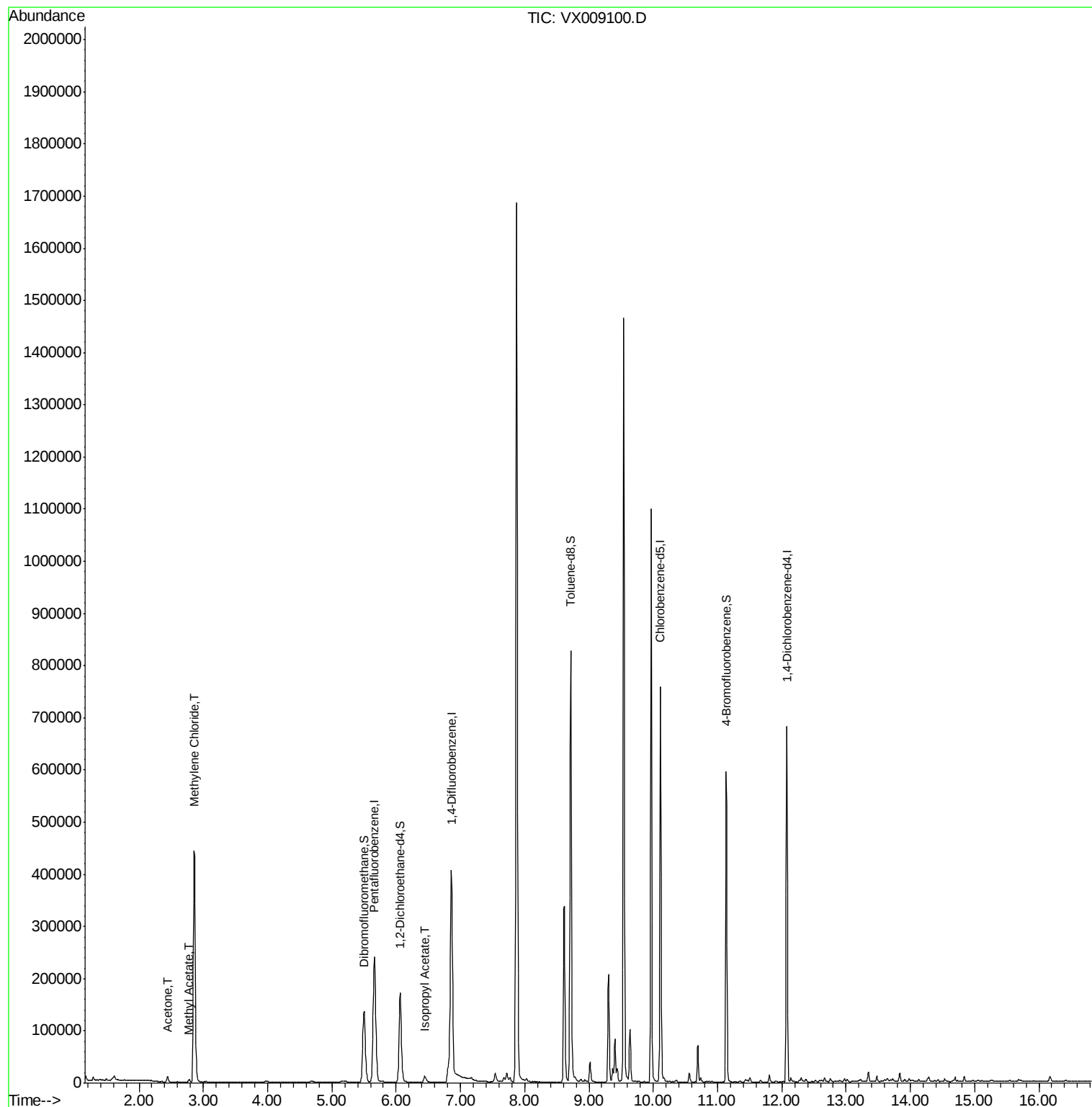
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 239795   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 392198   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 333410   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 138249   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 159296   | 47.14  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.28% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 119387   | 47.43  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.86% |          |
| 50) Toluene-d8              | 8.71  | 98   | 488702   | 48.68  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.36% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 159056   | 44.89  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 89.78% |          |
| Target Compounds            |       |      |          |        |        |          |
| 16) Acetone                 | 2.44  | 43   | 10928    | 6.236  | ug/l   | 98       |
| 18) Methyl Acetate          | 2.78  | 43   | 6583     | 1.505  | ug/l   | 93       |
| 20) Methylene Chloride      | 2.85  | 84   | 209449   | 69.888 | ug/l   | 97       |
| 43) Isopropyl Acetate       | 6.45  | 43   | 16414    | 1.951  | ug/l   | 98       |

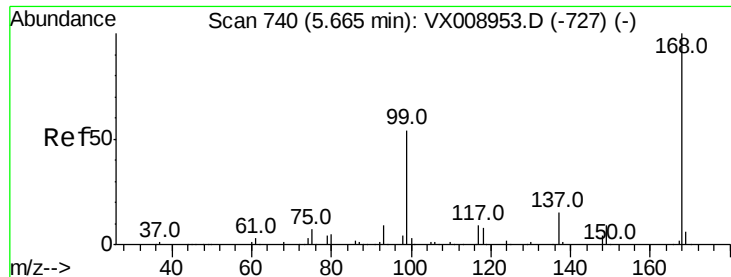
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042219\  
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Quant Time: Apr 23 04:07:37 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X041519W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 17 06:47:58 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: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA\_X

ClientSampled :

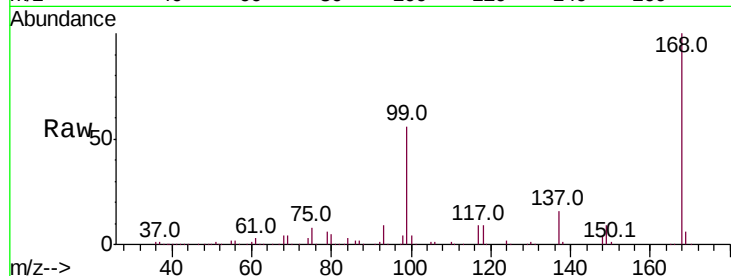
TP-12

Tot Ion:168 Resp: 239795

Ion Ratio Lower Upper

168 100

99 56.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX008953.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX008953.D (-727) (-)

5.67

80000

60000

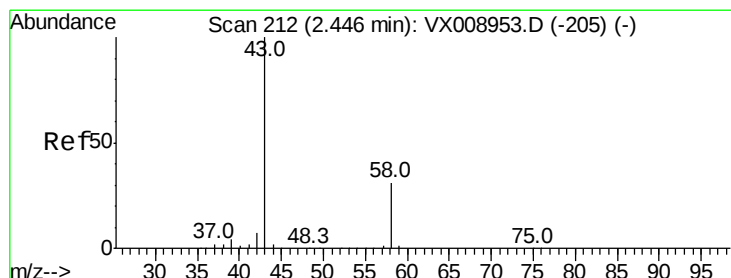
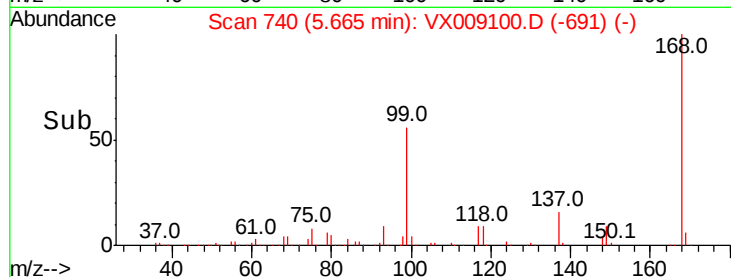
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.236 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009100.D

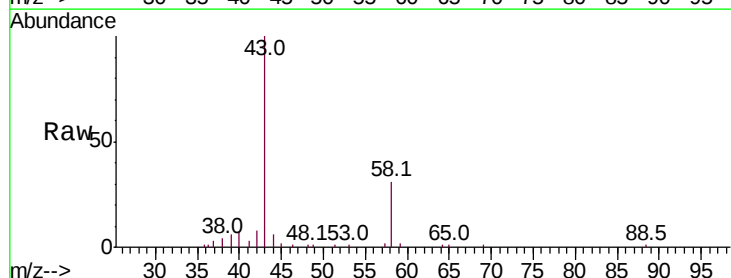
Acq: 22 Apr 2019 16:22

Tgt Ion: 43 Resp: 10928

Ion Ratio Lower Upper

43 100

58 30.0 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX008953.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX008953.D (-205) (-)

2.44

6000

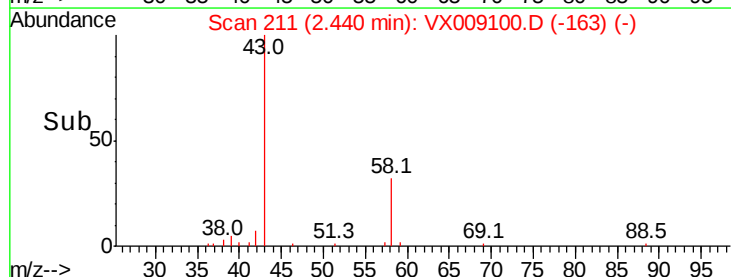
4000

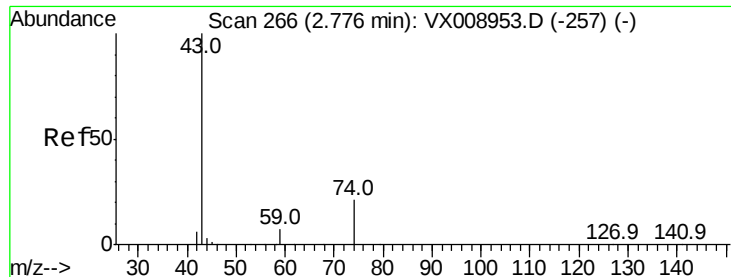
2000

0

Time-->

2.40 2.45 2.50

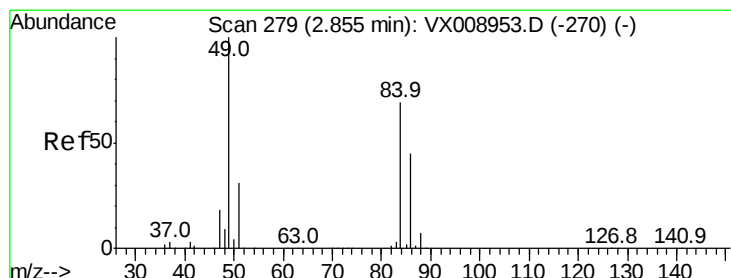
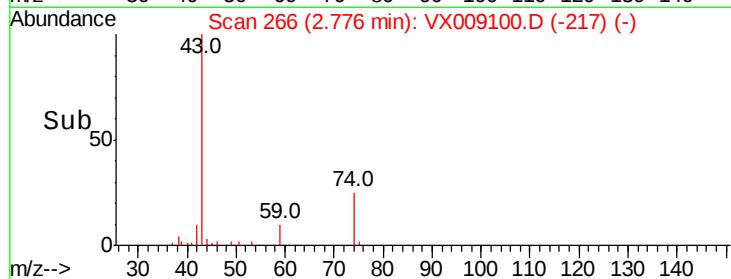
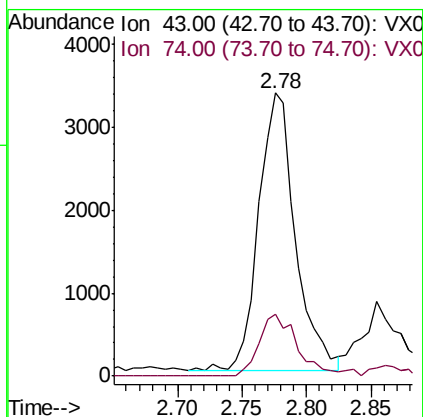
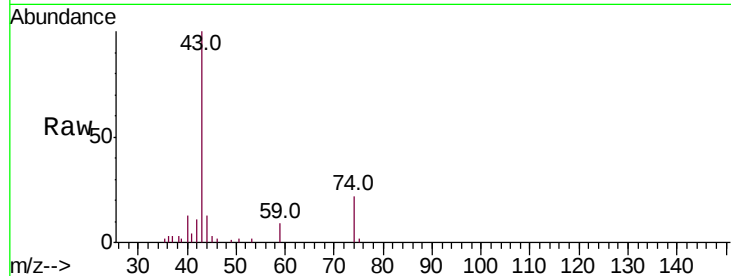




#18  
Methvl Acetate  
Concen: 1.505 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX009100.D  
Acq: 22 Apr 2019 16:22

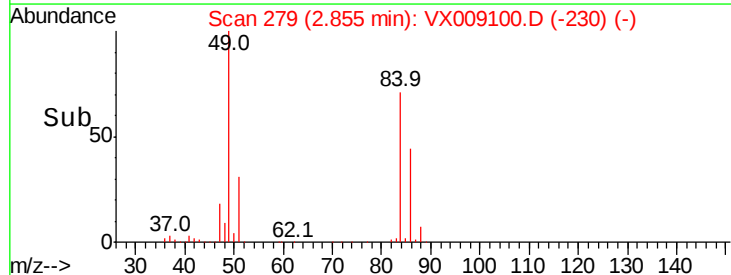
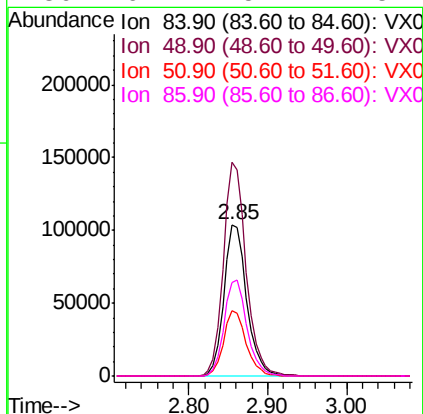
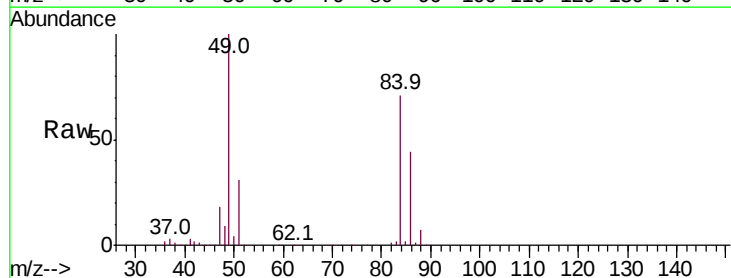
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-12

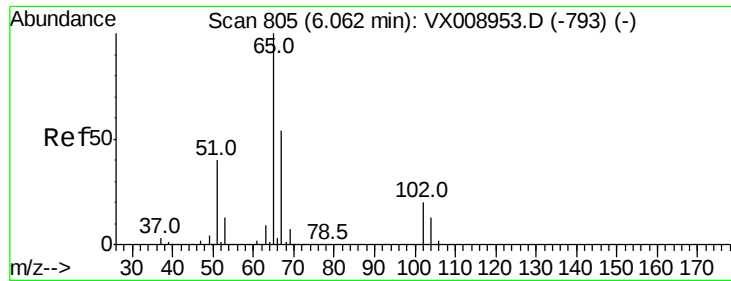
Tot Ion: 43 Resp: 6583  
Ion Ratio Lower Upper  
43 100  
74 24.0 16.6 25.0



#20  
Methylene Chloride  
Concen: 69.888 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX009100.D  
Acq: 22 Apr 2019 16:22

Tgt Ion: 84 Resp: 209449  
Ion Ratio Lower Upper  
84 100  
49 141.1 115.4 173.0  
51 43.2 35.8 53.6  
86 62.1 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 47.137 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA\_X

ClientSampleId :

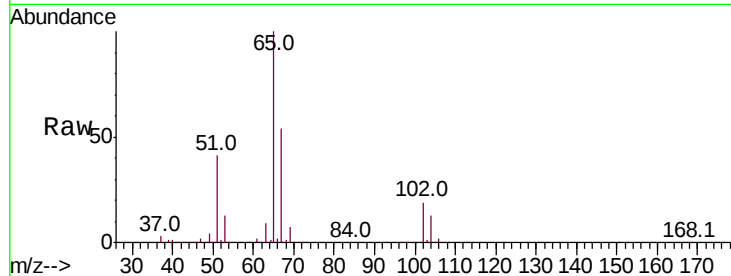
TP-12

Tot Ion: 65 Resp: 159296

Ion Ratio Lower Upper

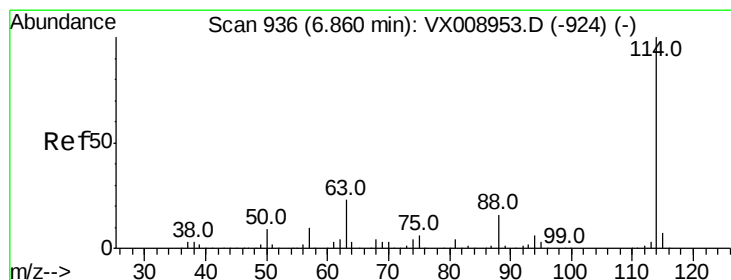
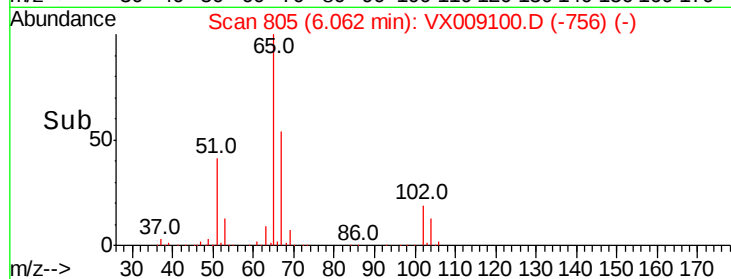
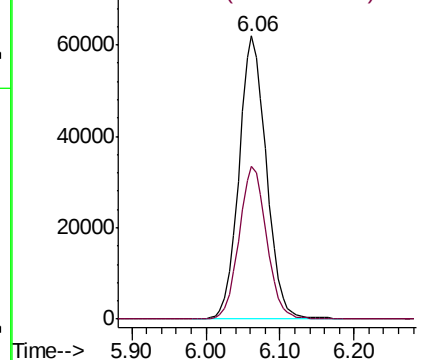
65 100

67 54.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

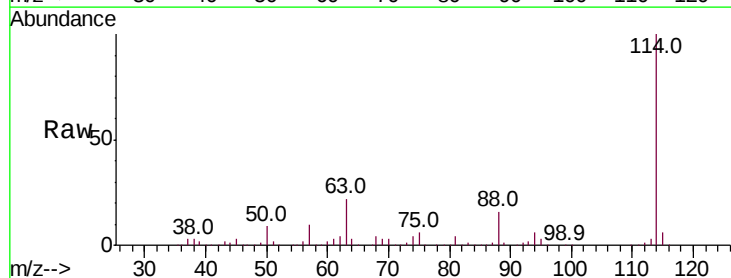
Tgt Ion:114 Resp: 392198

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.0

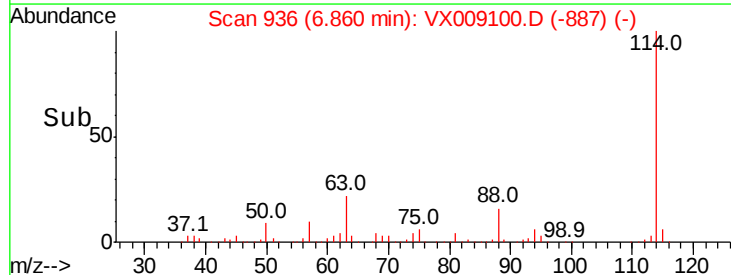
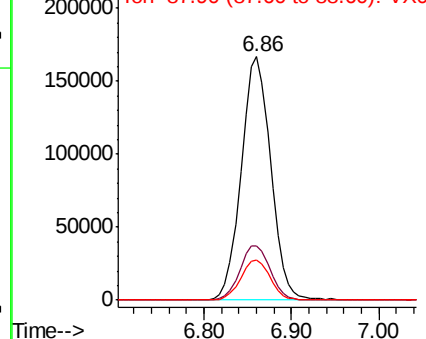
88 16.4 0.0 32.6

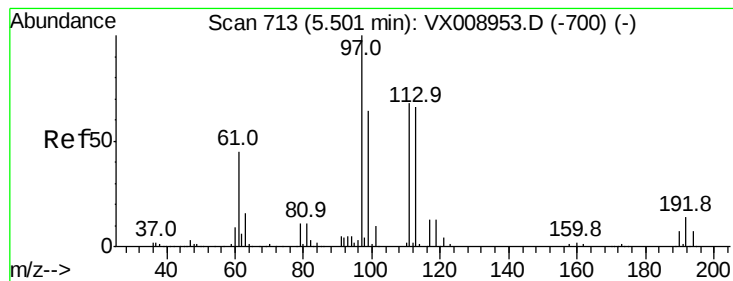


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.432 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA\_X

ClientSampled :

TP-12

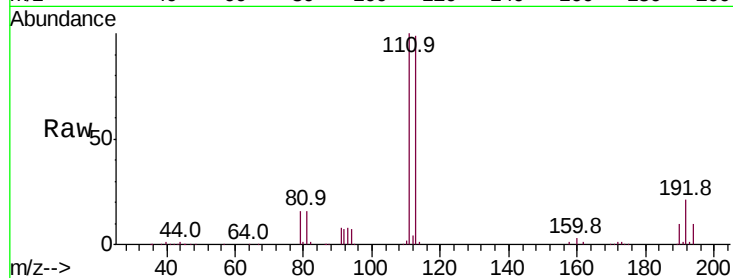
Tot Ion:113 Resp: 119387

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

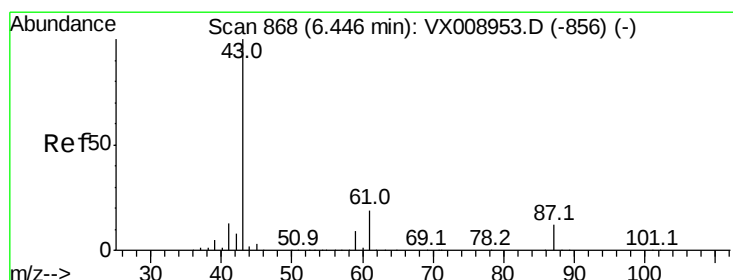
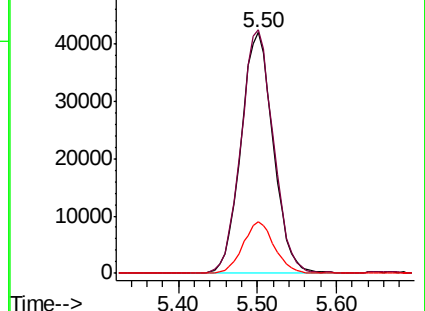
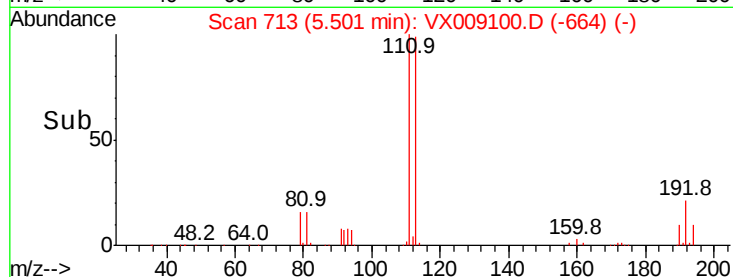
192 21.0 17.4 26.0



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: 1.951 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

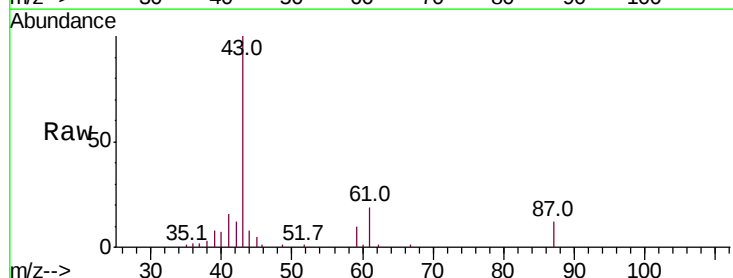
Tgt Ion: 43 Resp: 16414

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.0

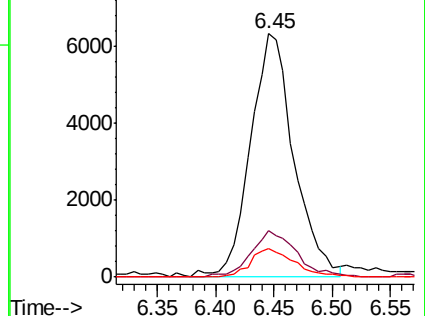
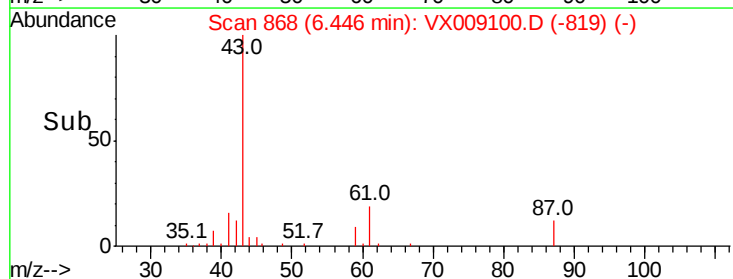
87 12.0 9.0 13.4

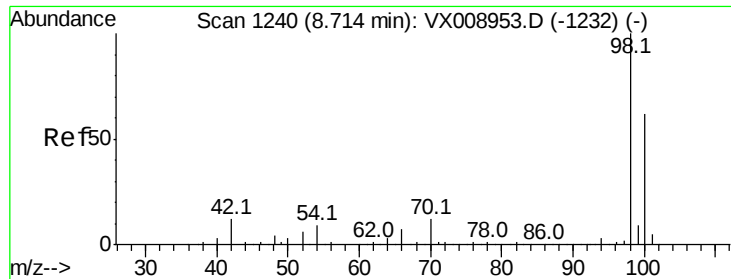


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

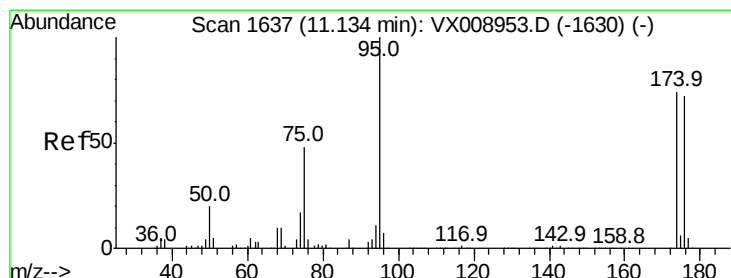
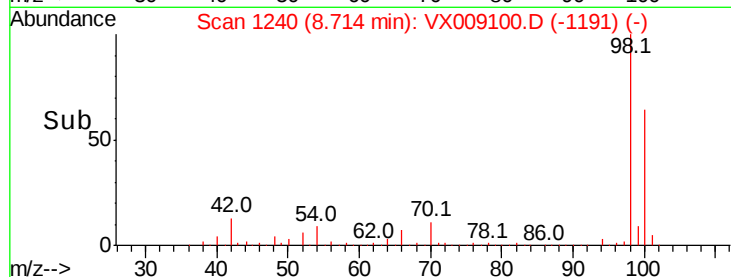
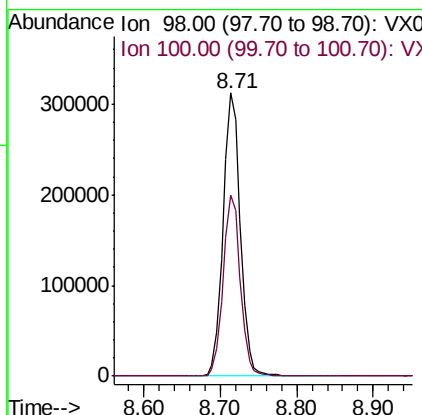
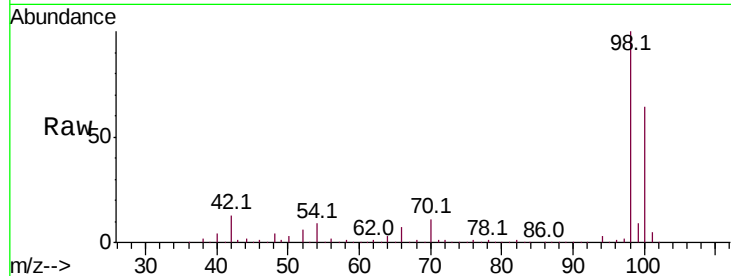




#50  
Toluene-d8  
Concen: 48.685 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX009100.D  
Acq: 22 Apr 2019 16:22

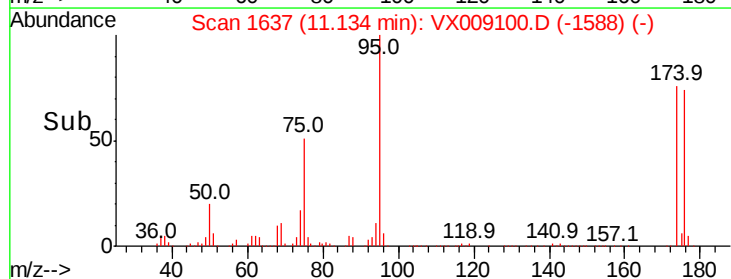
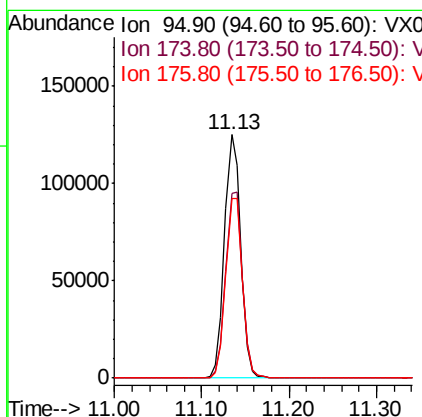
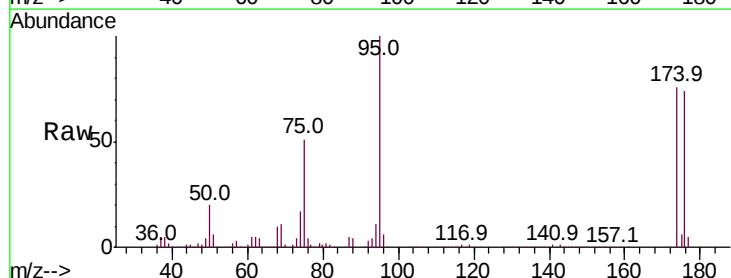
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-12

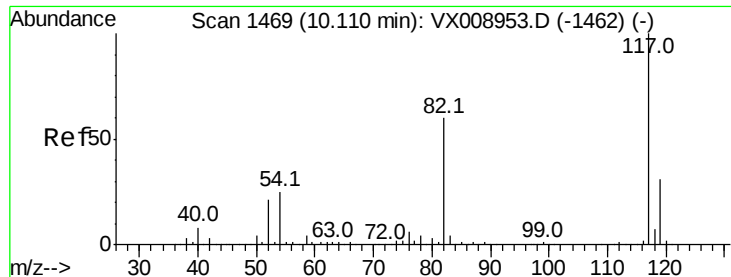
Tot Ion: 98 Resp: 488702  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.4 77.2



#62  
4-Bromofluorobenzene  
Concen: 44.887 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. 0.00 min  
Lab File: VX009100.D  
Acq: 22 Apr 2019 16:22

Tgt Ion: 95 Resp: 159056  
Ion Ratio Lower Upper  
95 100  
174 78.7 0.0 159.6  
176 76.7 0.0 154.8

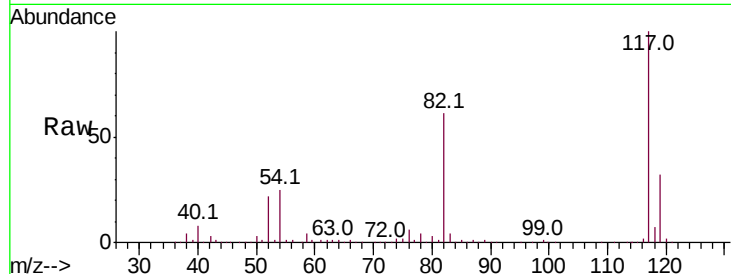




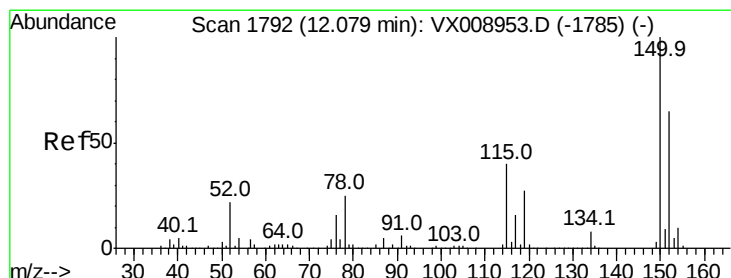
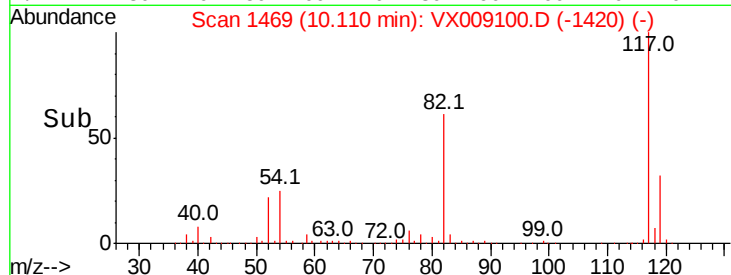
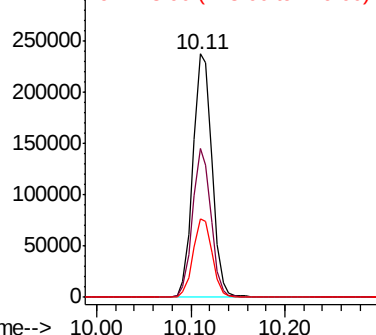
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX009100.D  
Acq: 22 Apr 2019 16:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-12

Tot Ion:117 Resp: 333410  
Ion Ratio Lower Upper  
117 100  
82 61.3 48.2 72.4  
119 32.3 25.0 37.6

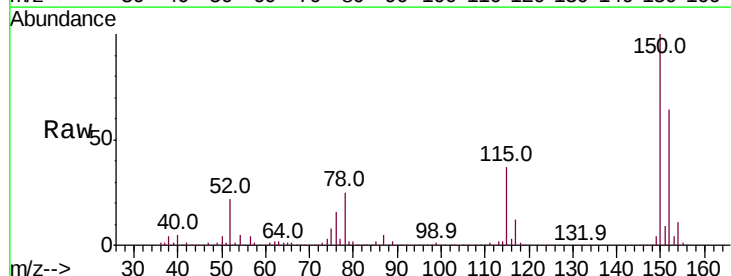


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX009100.D  
Acq: 22 Apr 2019 16:22

Tgt Ion:152 Resp: 138249  
Ion Ratio Lower Upper  
152 100  
115 59.0 41.4 124.2  
150 156.3 0.0 349.8



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

