

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\  
 Data File : VX005927.D  
 Acq On : 13 Nov 2018 03:59  
 Operator : JC/MD  
 Sample : J5892-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PN-STONE

Quant Time: Nov 13 06:52:43 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

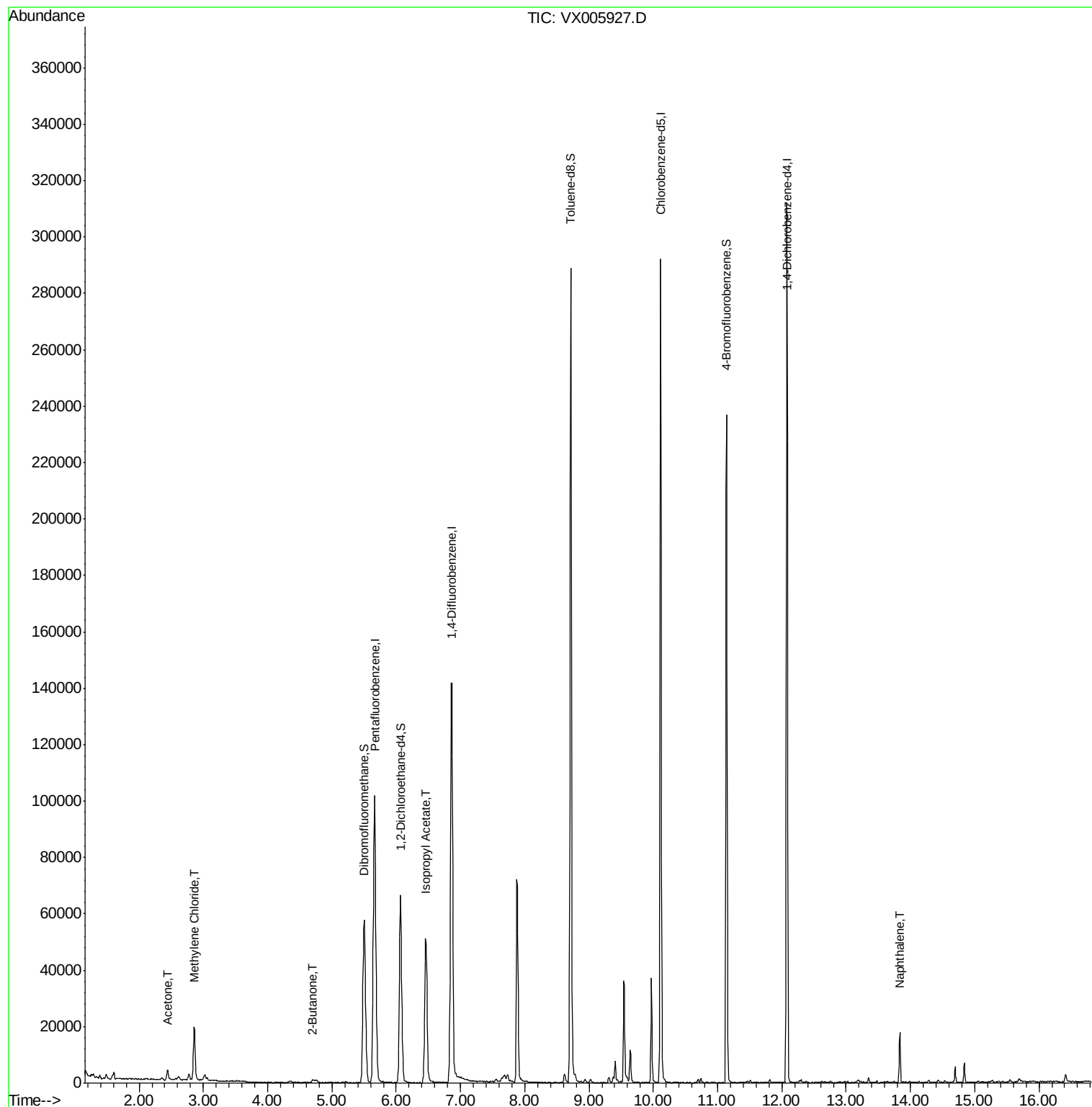
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 101034   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 146285   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 132816   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 63156    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 63944    | 55.05  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 110.10% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 50383    | 50.64  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.28% |          |
| 50) Toluene-d8              | 8.71  | 98   | 174695   | 52.81  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.62% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 59245    | 49.82  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.64%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.45  | 43   | 3791     | 6.062  | ug/l    | 93       |
| 20) Methylene Chloride      | 2.86  | 84   | 7893     | 7.683  | ug/l    | 99       |
| 25) 2-Butanone              | 4.70  | 43   | 1950     | 1.983  | ug/l    | 93       |
| 43) Isopropyl Acetate       | 6.46  | 43   | 71436    | 26.584 | ug/l    | 99       |
| 95) Naphthalene             | 13.83 | 128  | 10959    | 3.533  | ug/l    | 99       |

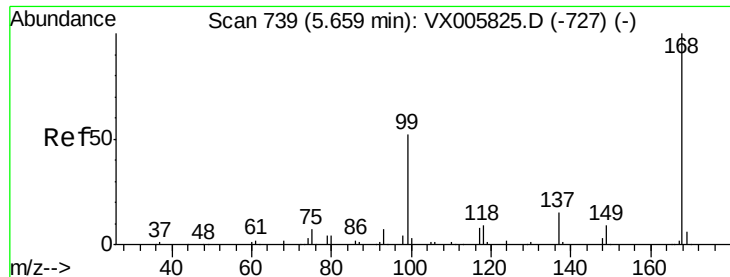
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111218\  
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MSVOA\_X  
ClientSampleId :  
PN-STONE

Quant Time: Nov 13 06:52:43 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 07 14:40:53 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005927.D

Acq: 13 Nov 2018 03:59

Instrument :

MSVOA\_X

ClientSampleId :

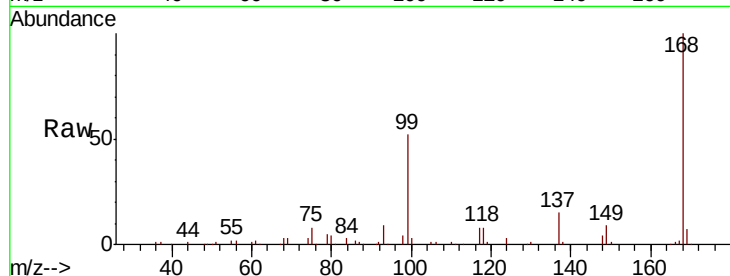
PN-STONE

Tot Ion:168 Resp: 101034

Ion Ratio Lower Upper

168 100

99 52.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

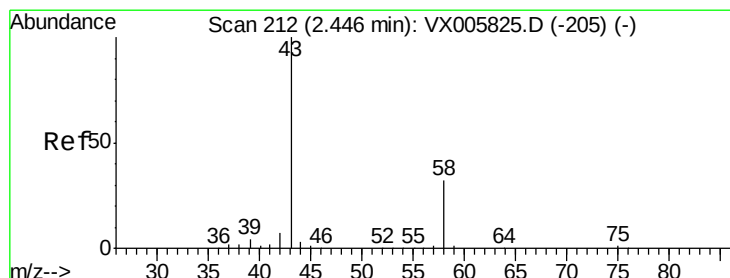
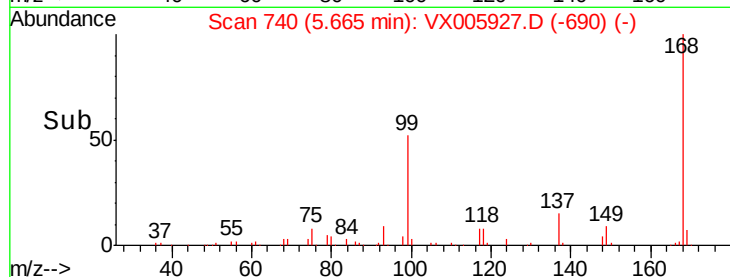
20000

10000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 6.062 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005927.D

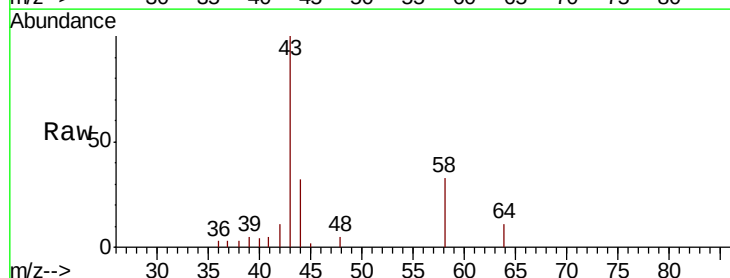
Acq: 13 Nov 2018 03:59

Tgt Ion: 43 Resp: 3791

Ion Ratio Lower Upper

43 100

58 33.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

1500

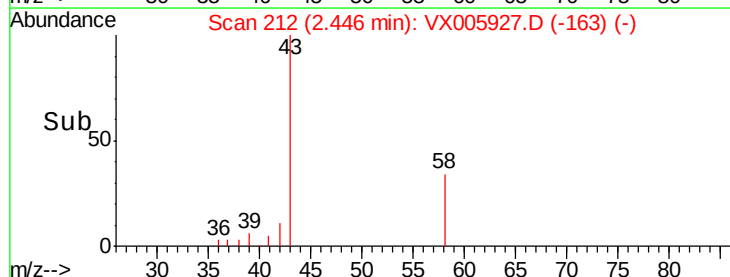
1000

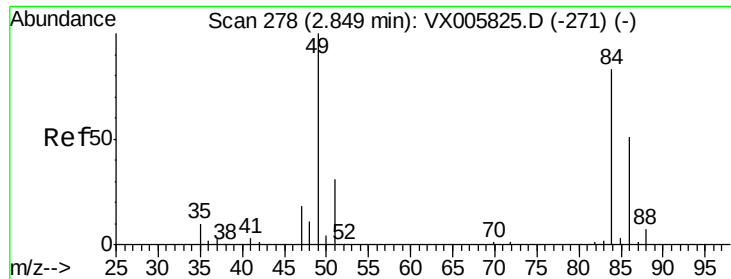
500

0

2.40 2.45 2.50

Time-->

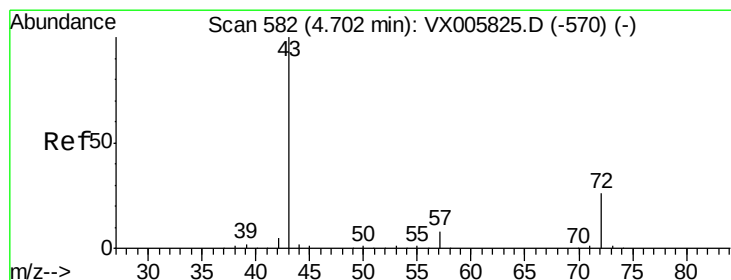
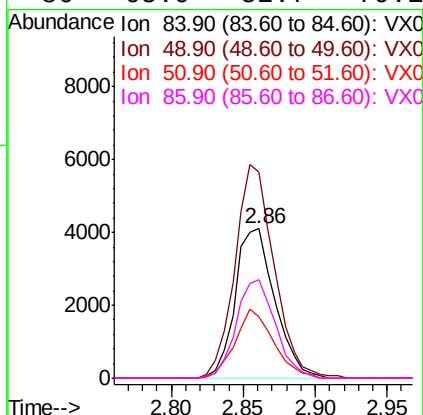
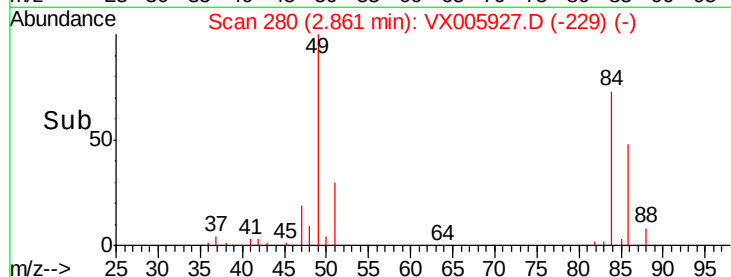
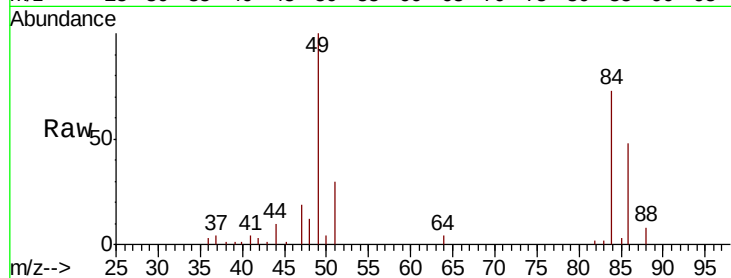




#20  
Methvlene Chloride  
Concen: 7.683 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX005927.D  
Acq: 13 Nov 2018 03:59

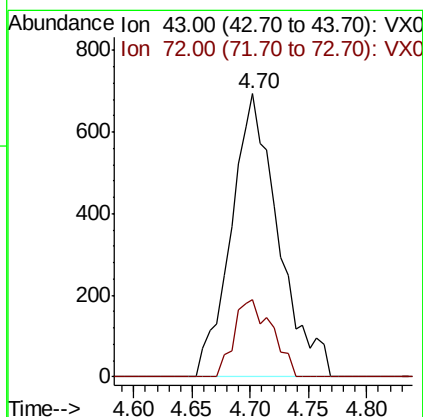
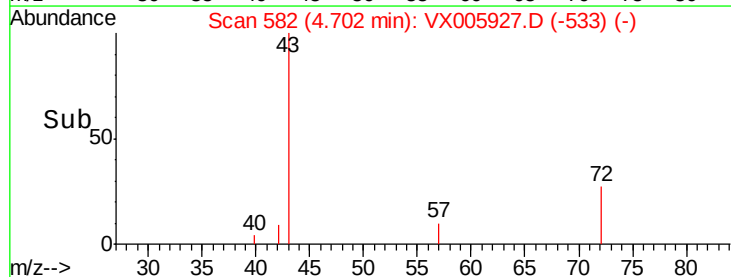
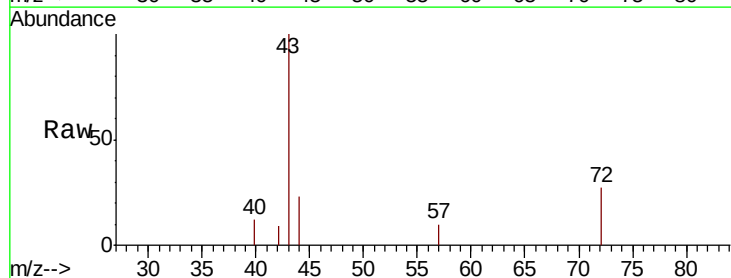
Instrument :  
MSVOA\_X  
ClientSampled :  
PN-STONE

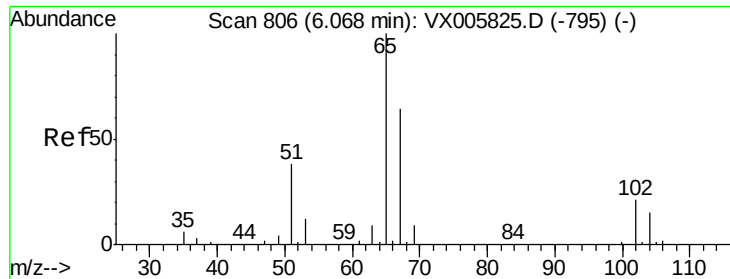
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 7893  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 137.9 | 109.5 | 164.3 |
| 51       | 40.8  | 33.3  | 49.9  |
| 86       | 65.9  | 52.7  | 79.1  |



#25  
2-Butanone  
Concen: 1.983 ug/l  
RT: 4.70 min Scan# 582  
Delta R.T. -0.00 min  
Lab File: VX005927.D  
Acq: 13 Nov 2018 03:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1950  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 27.4  | 19.2  | 28.8  |

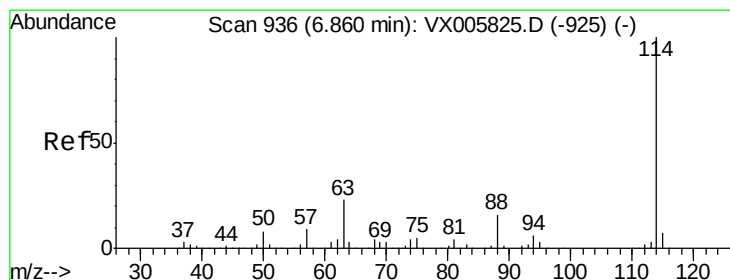
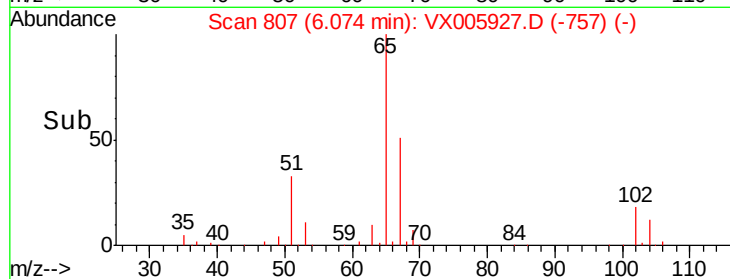
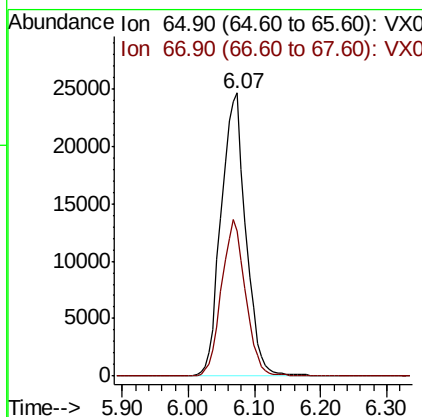
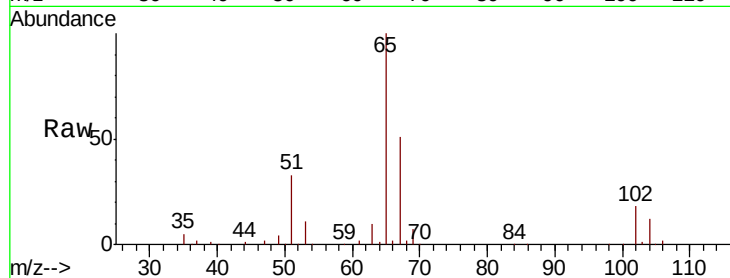




#33  
 1,2-Dichloroethane-d4  
 Concen: 55.052 ug/l  
 RT: 6.07 min Scan# 807  
 Delta R.T. 0.01 min  
 Lab File: VX005927.D  
 Acq: 13 Nov 2018 03:59

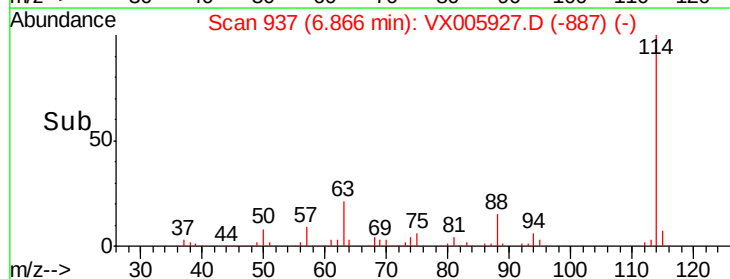
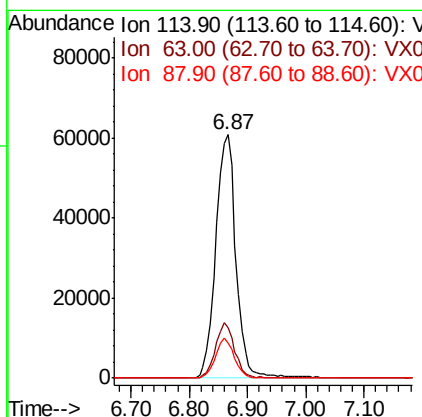
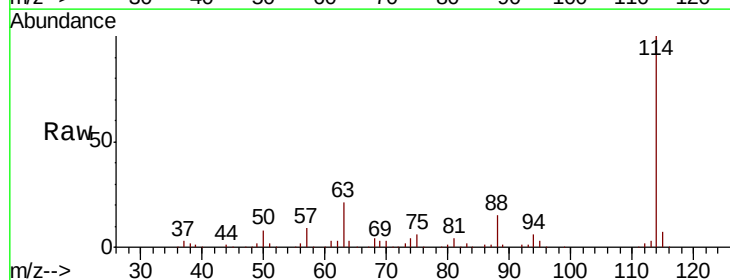
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 PN-STONE

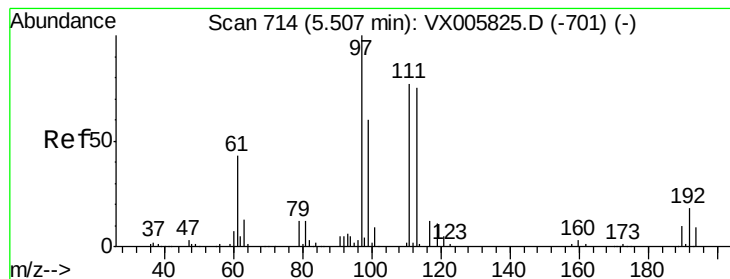
Tot Ion: 65 Resp: 63944  
 Ion Ratio Lower Upper  
 65 100  
 67 53.5 0.0 105.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.87 min Scan# 937  
 Delta R.T. 0.01 min  
 Lab File: VX005927.D  
 Acq: 13 Nov 2018 03:59

Tgt Ion: 114 Resp: 146285  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 42.8  
 88 14.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.638 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005927.D

Acq: 13 Nov 2018 03:59

Instrument :

MSVOA\_X

ClientSampleId :

PN-STONE

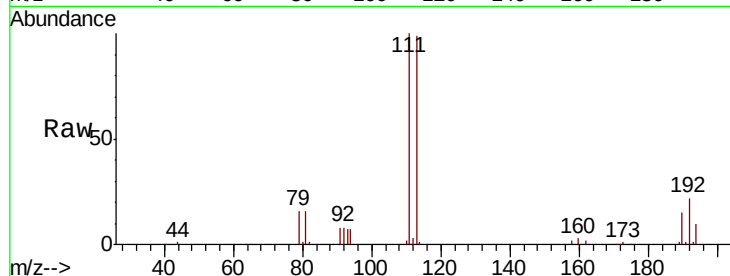
Tot Ion:113 Resp: 50383

Ion Ratio Lower Upper

113 100

111 100.0 82.3 123.5

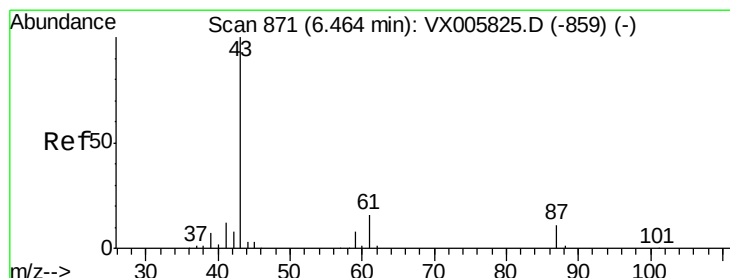
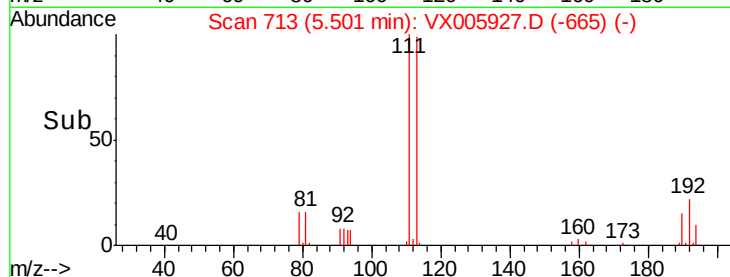
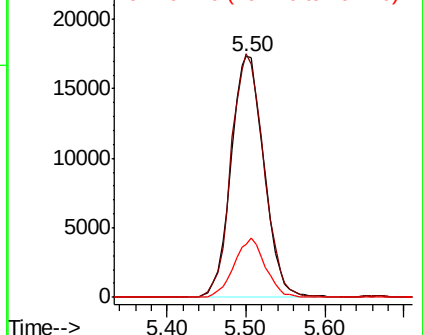
192 23.0 17.9 26.9



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: 26.584 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005927.D

Acq: 13 Nov 2018 03:59

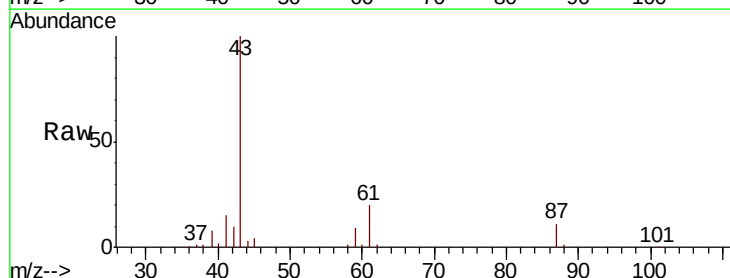
Tgt Ion: 43 Resp: 71436

Ion Ratio Lower Upper

43 100

61 18.4 14.6 22.0

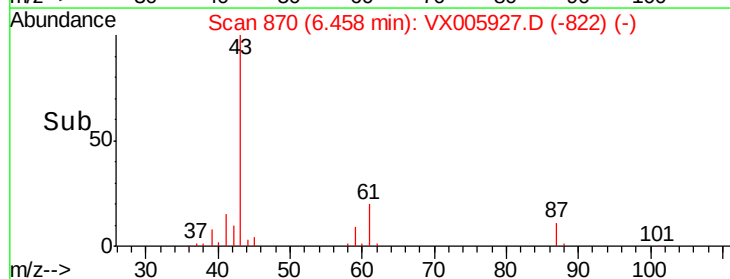
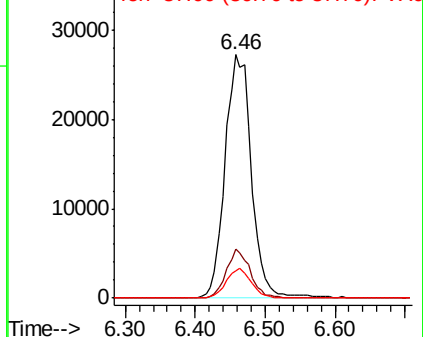
87 11.5 9.6 14.4

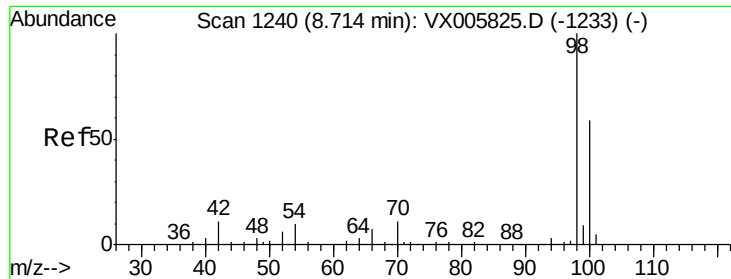


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

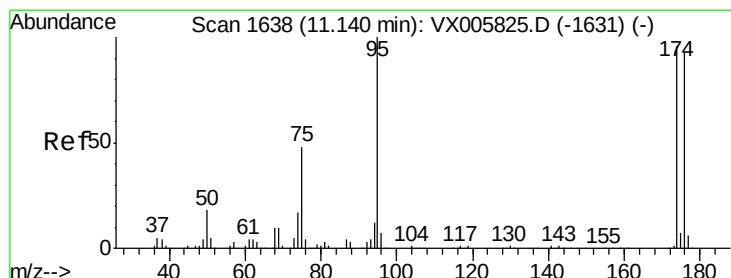
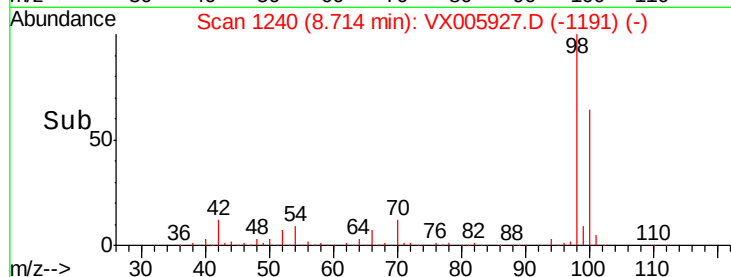
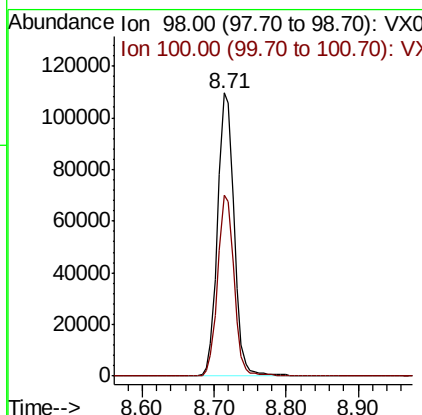
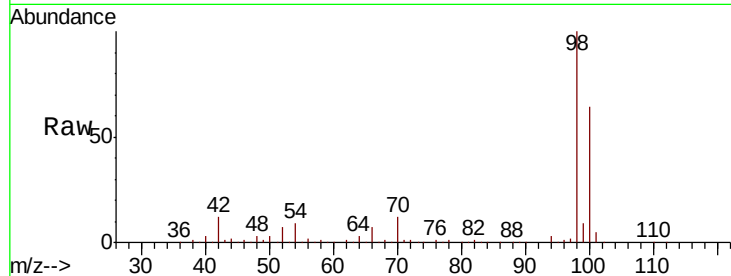




#50  
Toluene-d8  
Concen: 52.813 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX005927.D  
Acq: 13 Nov 2018 03:59

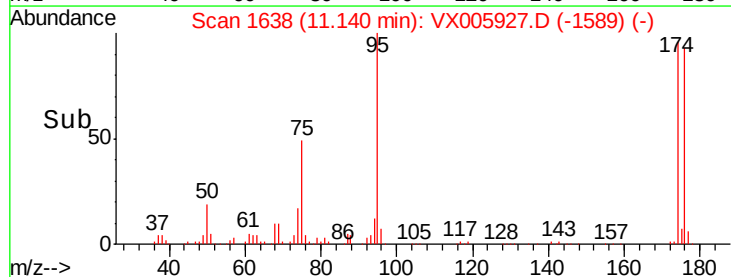
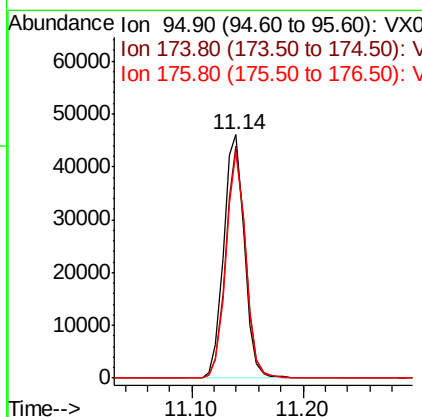
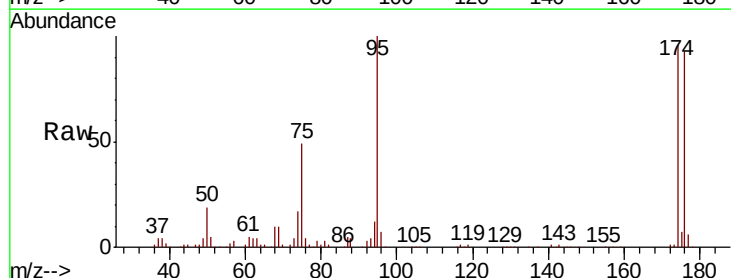
Instrument :  
MSVOA\_X  
ClientSampleId :  
PN-STONE

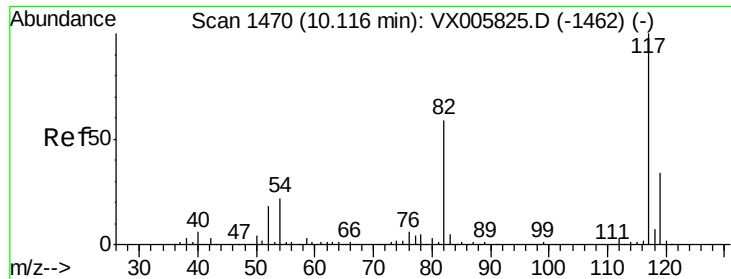
Tot Ion: 98 Resp: 174695  
Ion Ratio Lower Upper  
98 100  
100 63.2 51.3 76.9



#62  
4-Bromofluorobenzene  
Concen: 49.816 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. -0.00 min  
Lab File: VX005927.D  
Acq: 13 Nov 2018 03:59

Tgt Ion: 95 Resp: 59245  
Ion Ratio Lower Upper  
95 100  
174 91.1 0.0 184.4  
176 88.2 0.0 177.4

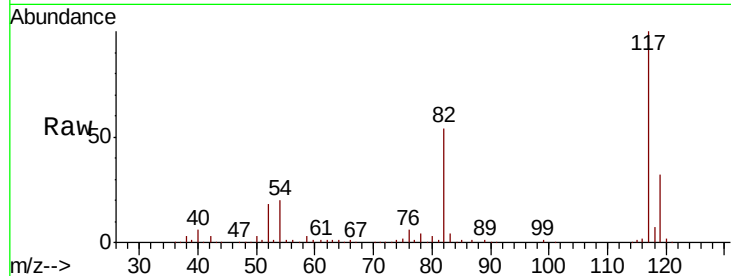




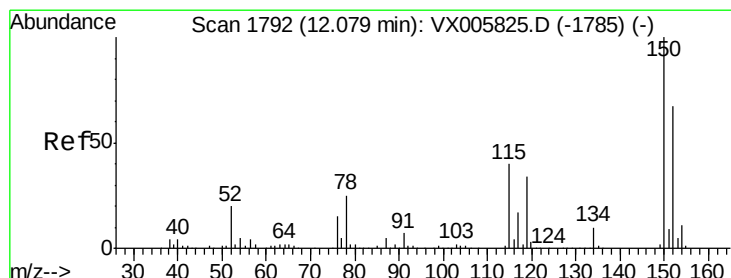
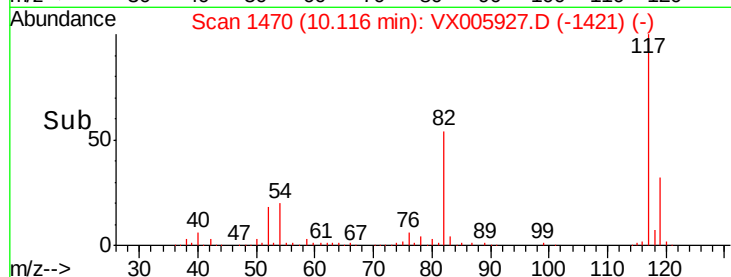
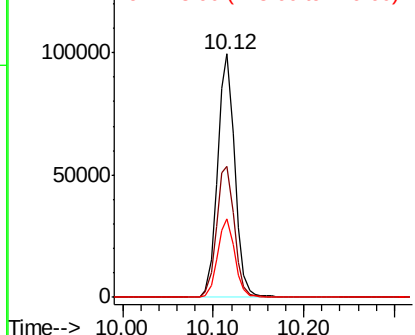
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005927.D  
Acq: 13 Nov 2018 03:59

Instrument :  
MSVOA\_X  
ClientSampled :  
PN-STONE

Tot Ion:117 Resp: 132816  
Ion Ratio Lower Upper  
117 100  
82 54.0 44.1 66.1  
119 32.5 26.2 39.2

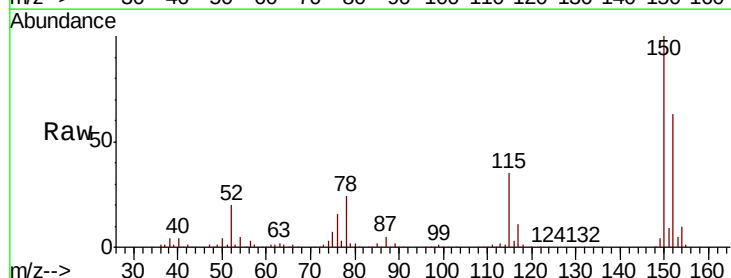


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

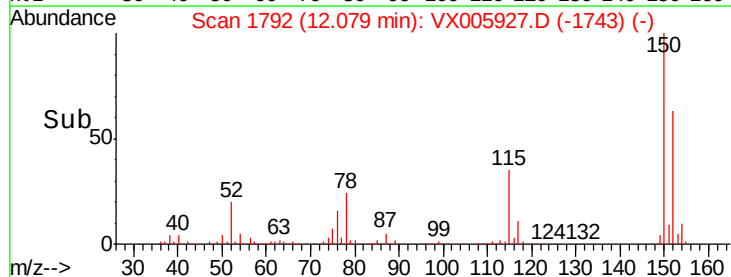
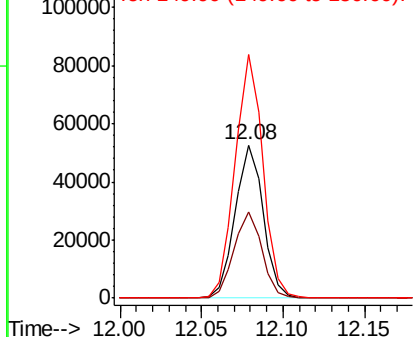


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX005927.D  
Acq: 13 Nov 2018 03:59

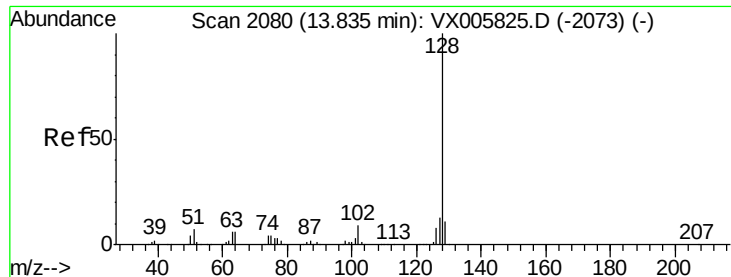
Tgt Ion:152 Resp: 63156  
Ion Ratio Lower Upper  
152 100  
115 56.2 39.4 118.1  
150 157.5 0.0 346.4



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







#95

Naphthalene

Concen: 3.533 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005927.D

Acq: 13 Nov 2018 03:59

Instrument :

MSVOA\_X

ClientSampleId :

PN-STONE

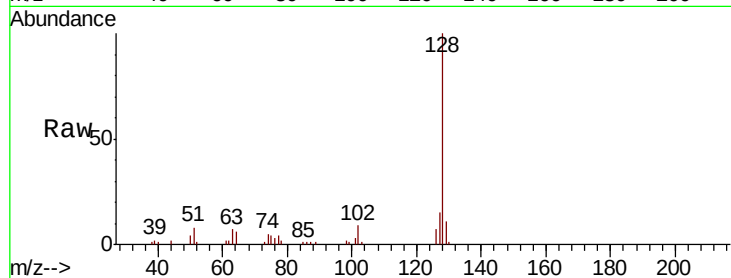
Tot Ion:128 Resp: 10959

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.0 8.7 13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

