

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\  
 Data File : VX011235.D  
 Acq On : 31 Jul 2019 07:42  
 Operator : JC/SP  
 Sample : K4044-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-6

Quant Time: Jul 31 10:08:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 24 05:39:23 2019  
 Response via : Initial Calibration

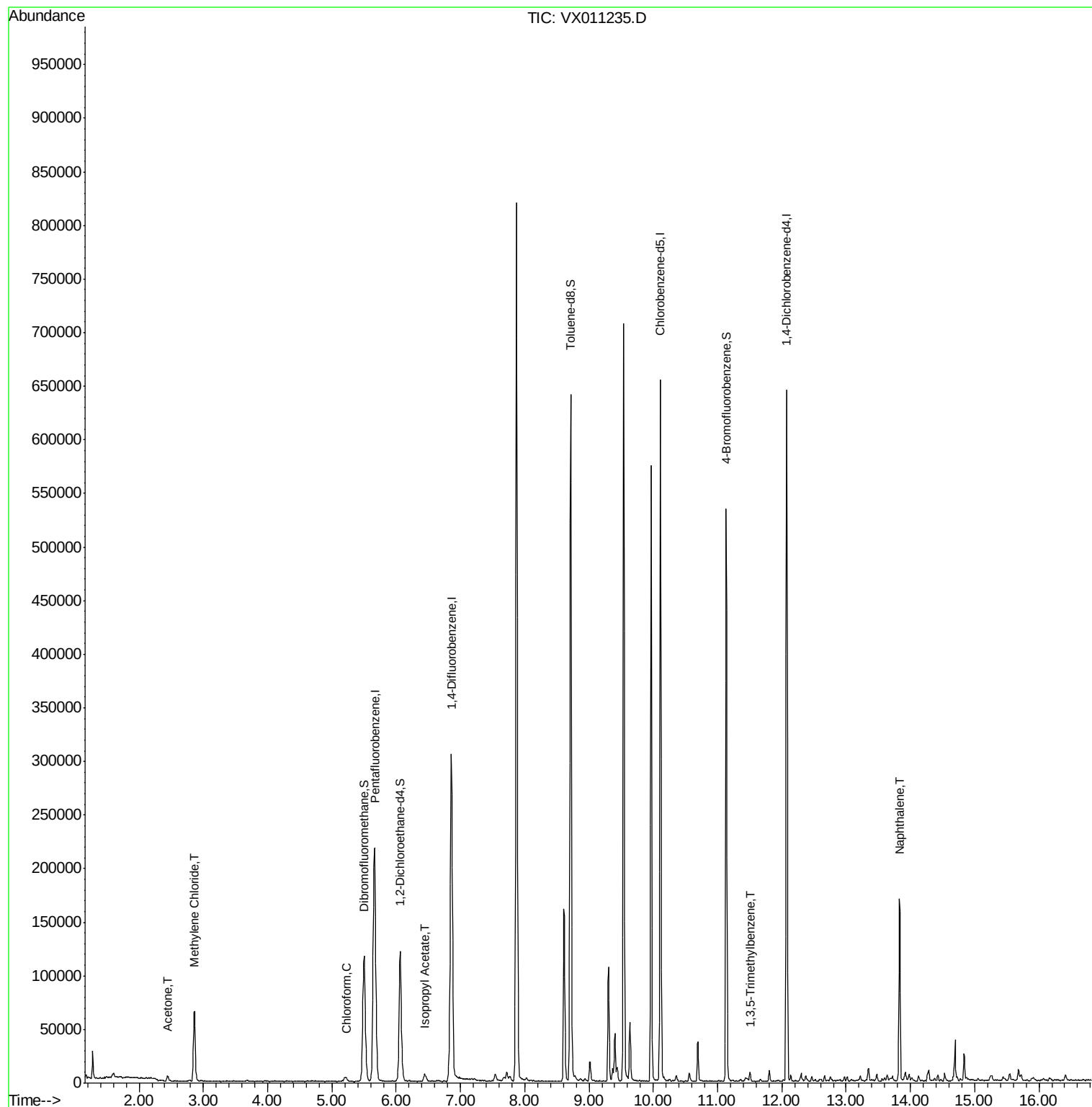
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 223555   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 325210   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 296275   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 140001   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 111669   | 46.95  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.90% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 96529    | 46.76  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.52% |          |
| 50) Toluene-d8              | 8.71  | 98   | 382216   | 49.37  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.74% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 128179   | 45.04  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 90.08% |          |
| Target Compounds            |       |      |          |        |        |          |
|                             |       |      |          |        | Qvalue |          |
| 16) Acetone                 | 2.44  | 43   | 4665     | 4.343  | ug/l   | 98       |
| 20) Methylene Chloride      | 2.85  | 84   | 32541    | 14.295 | ug/l   | 98       |
| 30) Chloroform              | 5.22  | 83   | 4267     | 1.114  | ug/l   | 93       |
| 43) Isopropyl Acetate       | 6.44  | 43   | 9814     | 2.182  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene  | 11.51 | 105  | 3386     | 0.428  | ug/l   | 96       |
| 95) Naphthalene             | 13.83 | 128  | 105996   | 11.802 | ug/l   | 99       |

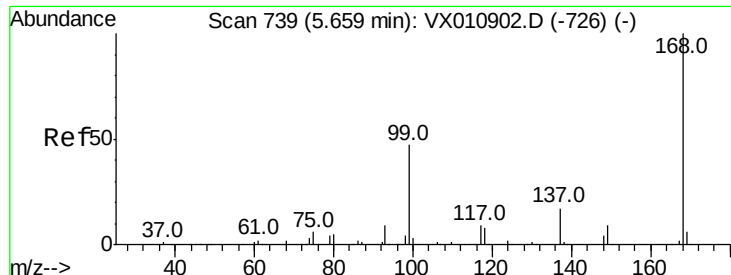
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073019\  
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ALS Vial : 53 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-6

Quant Time: Jul 31 10:08:37 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 24 05:39:23 2019  
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: VX011235.D

Acq: 31 Jul 2019 07:42

Instrument :

MSVOA\_X

ClientSampled :

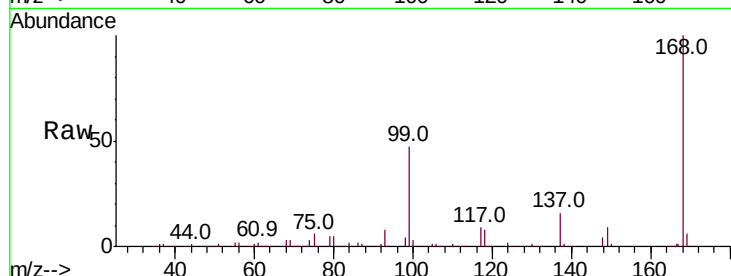
TP-6

Tot Ion:168 Resp: 223555

Ion Ratio Lower Upper

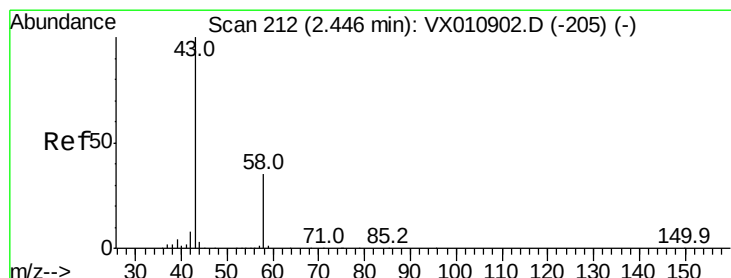
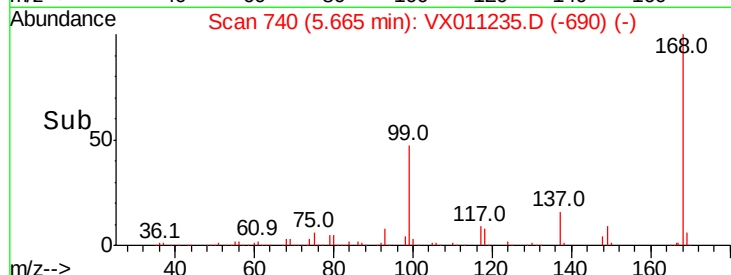
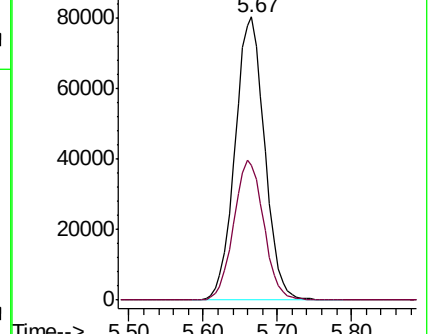
168 100

99 47.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.343 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011235.D

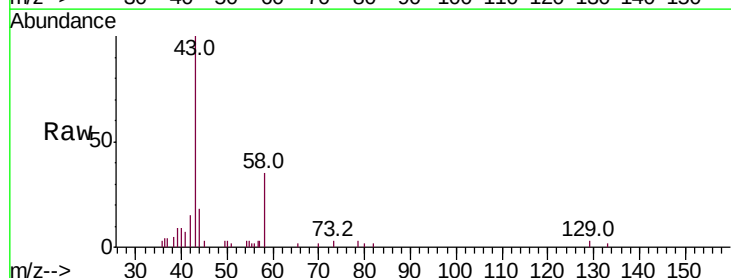
Acq: 31 Jul 2019 07:42

Tgt Ion: 43 Resp: 4665

Ion Ratio Lower Upper

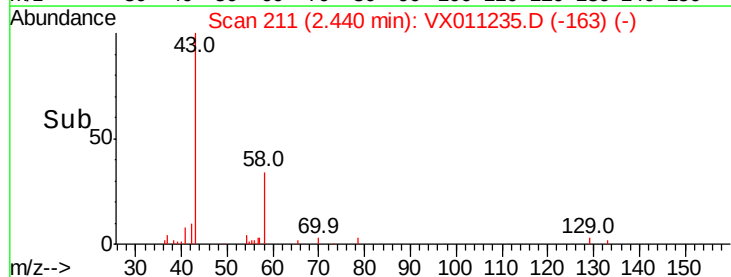
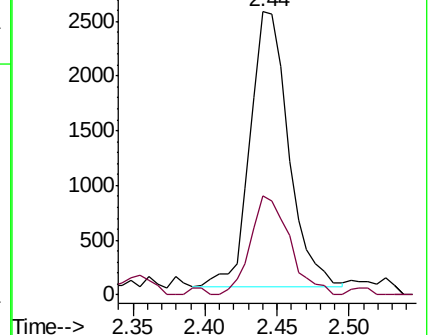
43 100

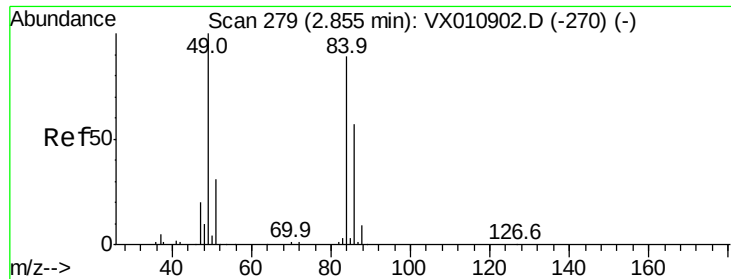
58 36.0 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

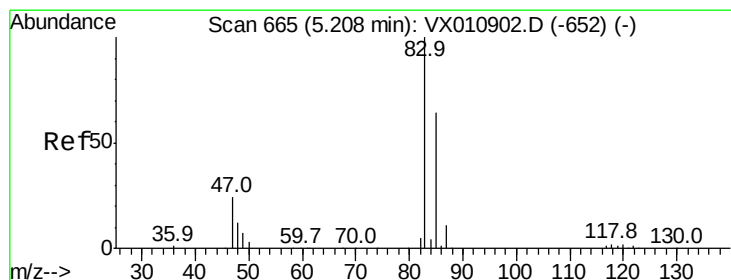
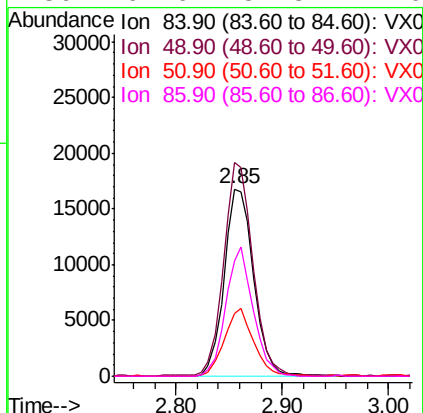
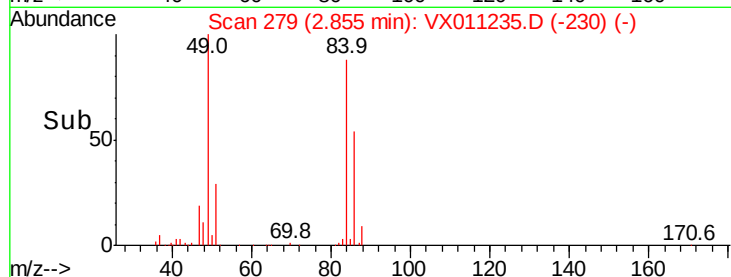
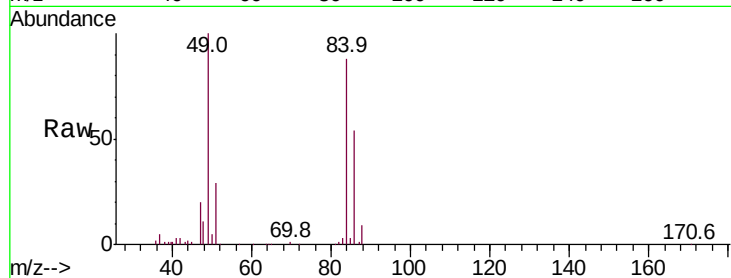




#20  
Methylene Chloride  
Concen: 14.295 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX011235.D  
Acq: 31 Jul 2019 07:42

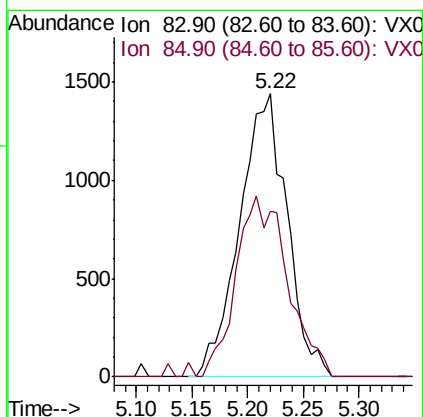
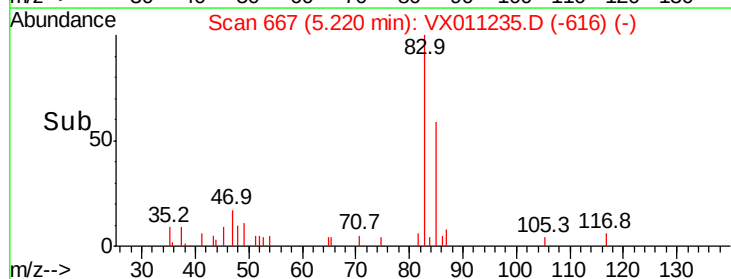
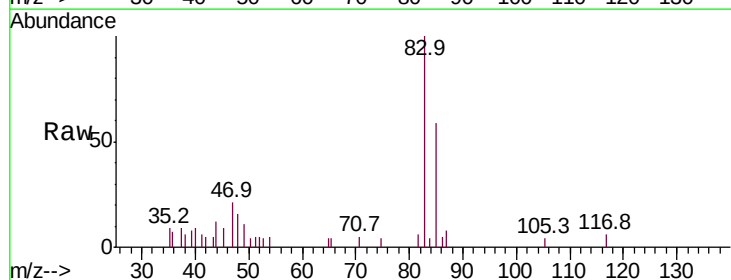
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-6

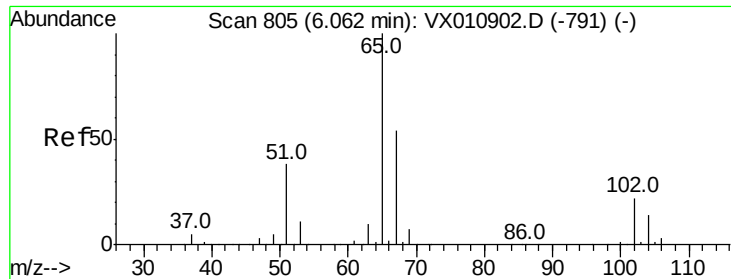
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 32541 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 113.5 | 89.9  | 134.9 |
| 51       | 33.6  | 27.8  | 41.6  |
| 86       | 61.6  | 51.8  | 77.6  |



#30  
Chloroform  
Concen: 1.114 ug/l  
RT: 5.22 min Scan# 667  
Delta R.T. 0.01 min  
Lab File: VX011235.D  
Acq: 31 Jul 2019 07:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 4267  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 58.6  | 51.4  | 77.0  |

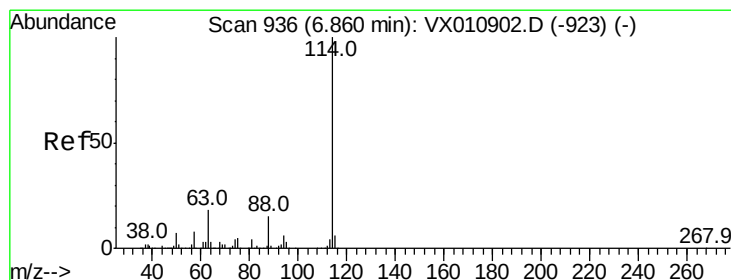
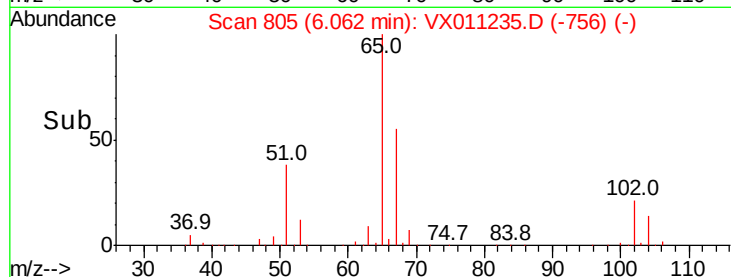
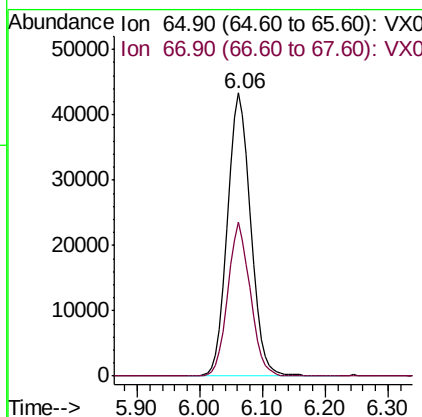
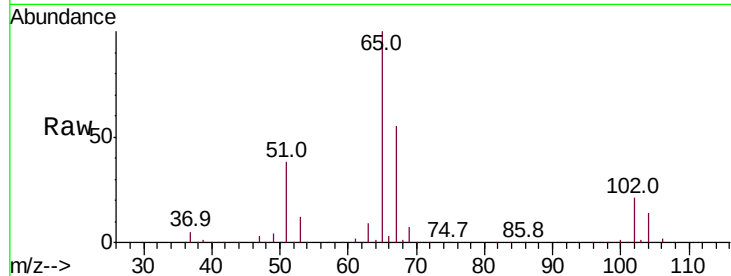




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.954 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX011235.D  
 Acq: 31 Jul 2019 07:42

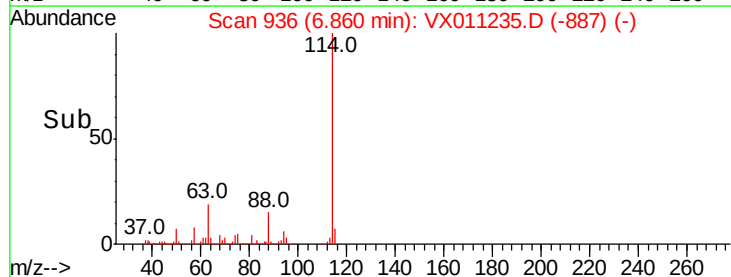
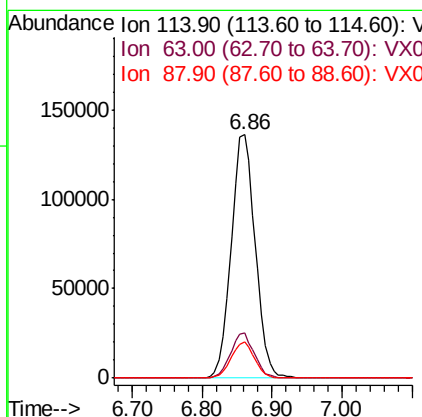
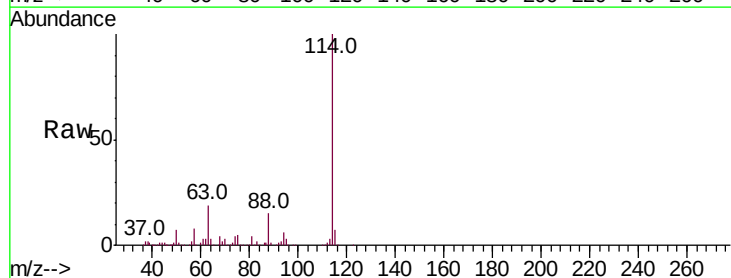
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-6

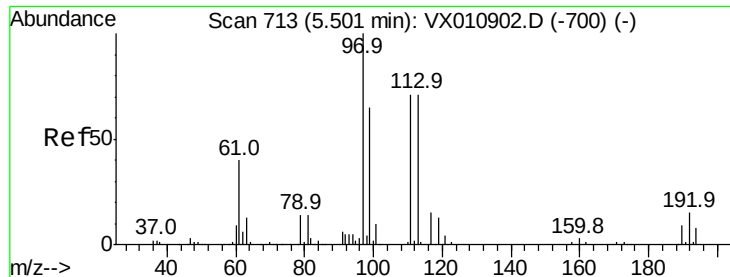
Tot Ion: 65 Resp: 111669  
 Ion Ratio Lower Upper  
 65 100  
 67 52.3 0.0 107.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX011235.D  
 Acq: 31 Jul 2019 07:42

Tgt Ion: 114 Resp: 325210  
 Ion Ratio Lower Upper  
 114 100  
 63 18.6 0.0 35.6  
 88 14.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 46.764 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011235.D

Acq: 31 Jul 2019 07:42

Instrument :

MSVOA\_X

ClientSampleId :

TP-6

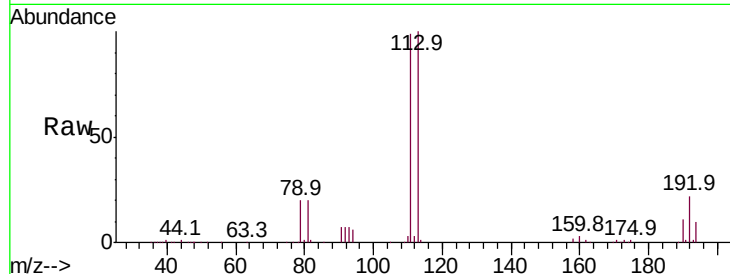
Tot Ion:113 Resp: 96529

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

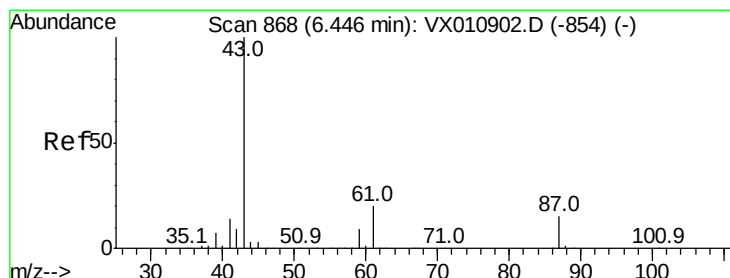
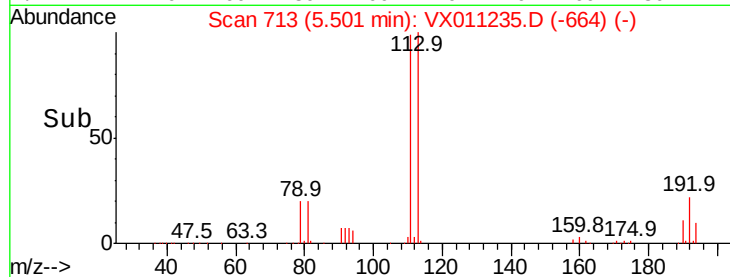
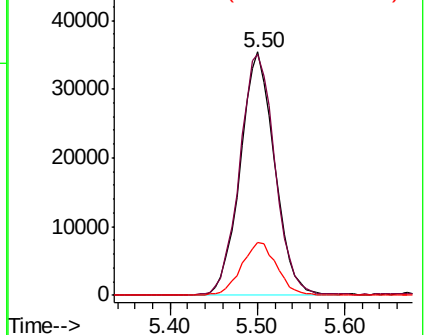
192 22.5 17.4 26.2



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: 2.182 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011235.D

Acq: 31 Jul 2019 07:42

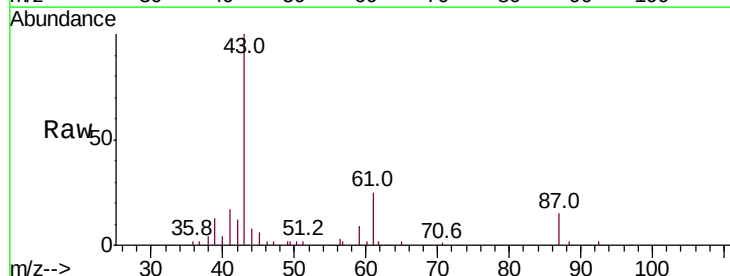
Tgt Ion: 43 Resp: 9814

Ion Ratio Lower Upper

43 100

61 23.2 17.1 25.7

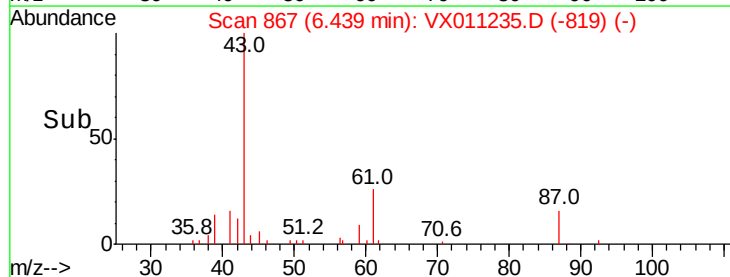
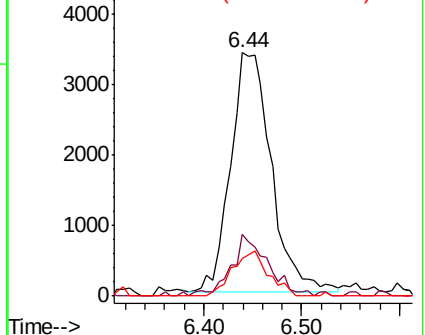
87 16.5 12.0 18.0

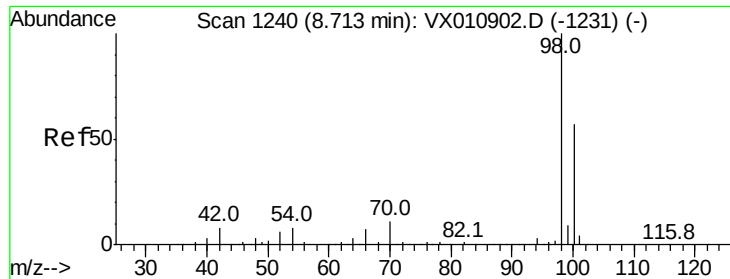


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

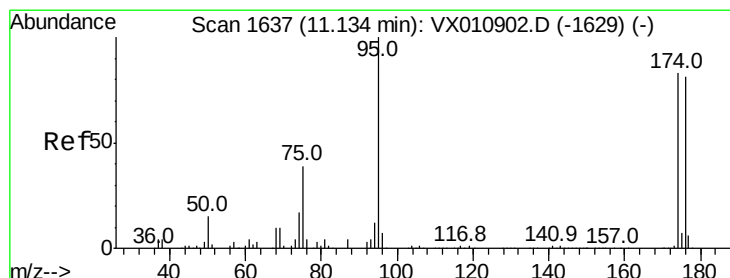
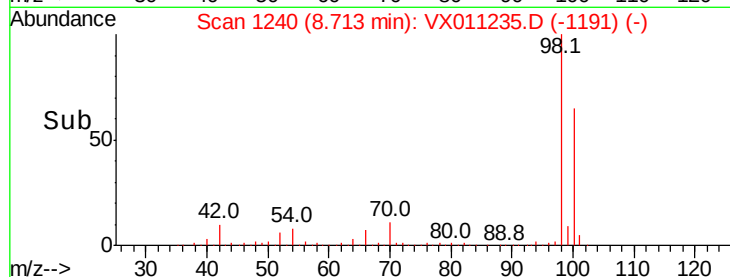
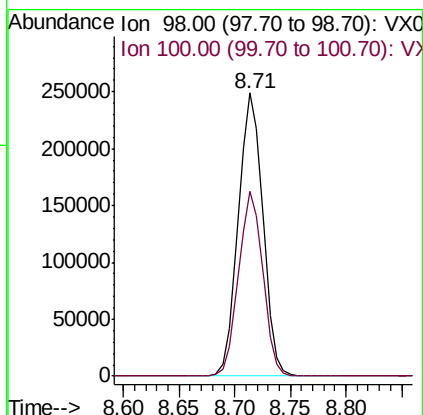
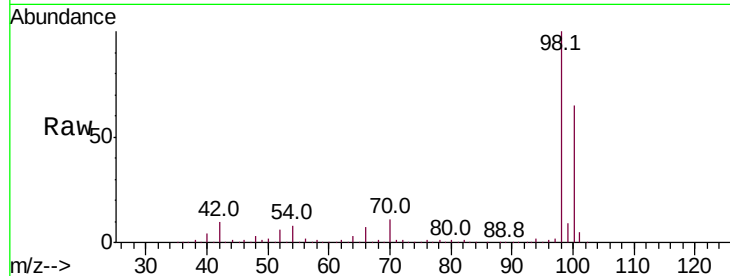




#50  
Toluene-d8  
Concen: 49.369 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX011235.D  
Acq: 31 Jul 2019 07:42

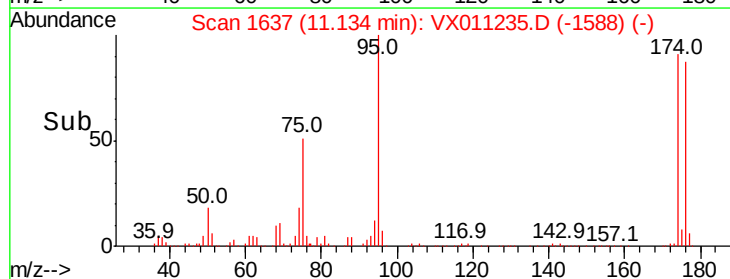
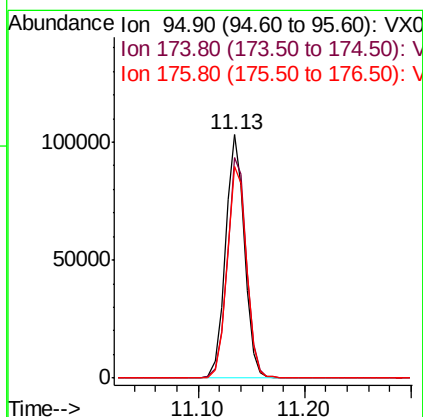
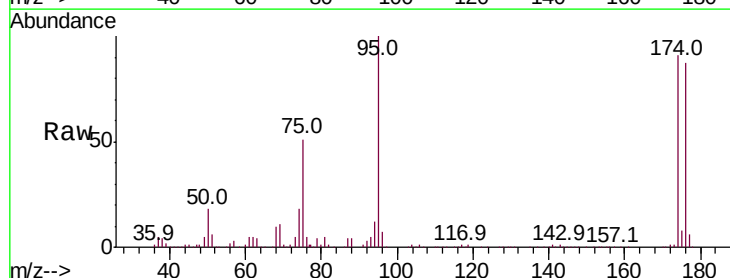
Instrument :  
MSVOA\_X  
ClientSampled :  
TP-6

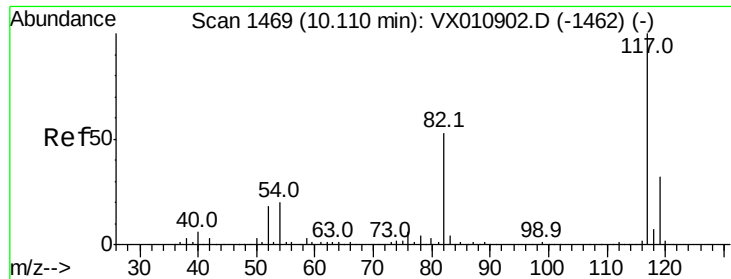
Tot Ion: 98 Resp: 382216  
Ion Ratio Lower Upper  
98 100  
100 64.3 50.6 75.8



#62  
4-Bromofluorobenzene  
Concen: 45.043 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. -0.00 min  
Lab File: VX011235.D  
Acq: 31 Jul 2019 07:42

Tgt Ion: 95 Resp: 128179  
Ion Ratio Lower Upper  
95 100  
174 92.2 0.0 180.6  
176 89.8 0.0 173.8

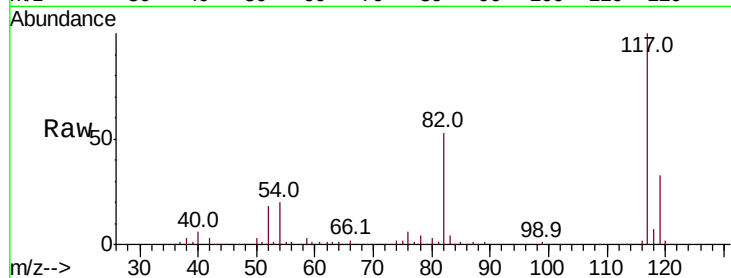




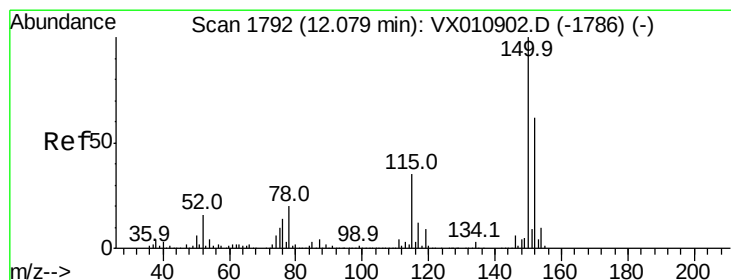
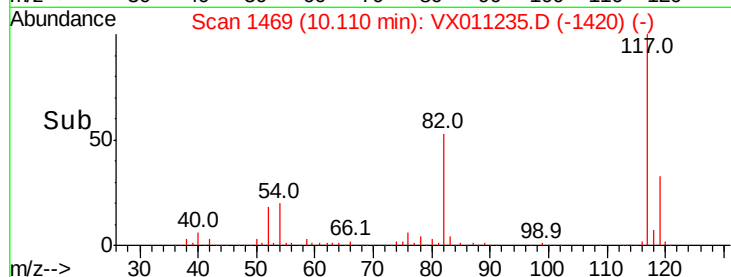
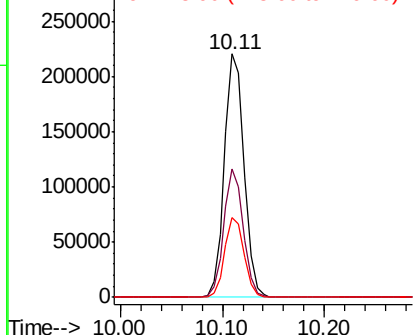
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX011235.D  
Acq: 31 Jul 2019 07:42

Instrument :  
MSVOA\_X  
ClientSampled :  
TP-6

Tot Ion:117 Resp: 296275  
Ion Ratio Lower Upper  
117 100  
82 52.9 42.6 63.8  
119 32.7 25.9 38.9

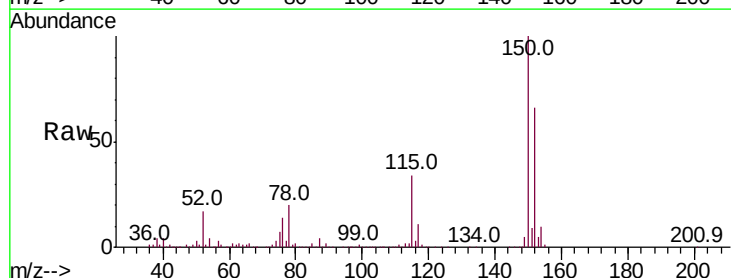


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

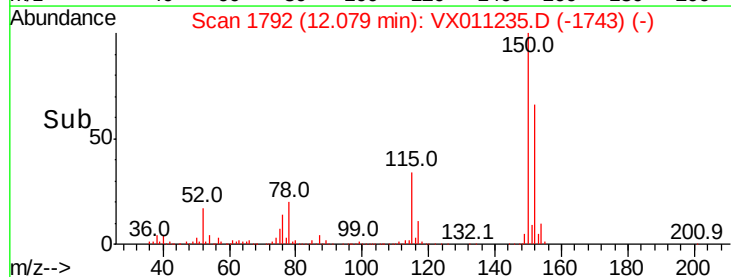
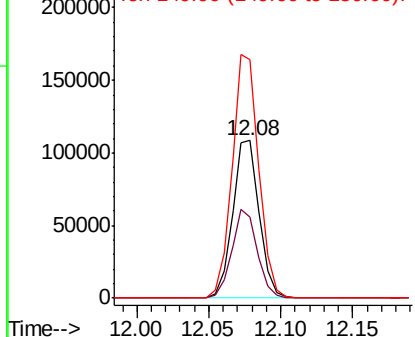


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX011235.D  
Acq: 31 Jul 2019 07:42

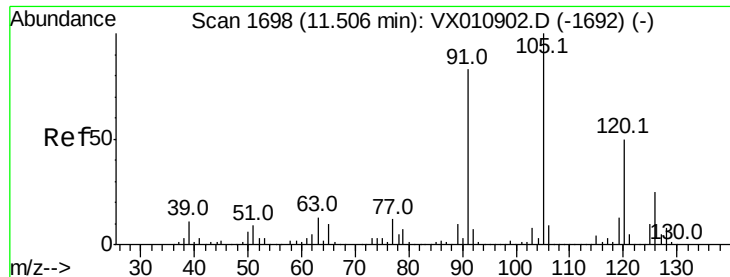
Tgt Ion:152 Resp: 140001  
Ion Ratio Lower Upper  
152 100  
115 54.0 39.7 119.1  
150 154.9 0.0 345.6



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







#80

1,3,5-Trimethylbenzene

Concen: 0.428 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011235.D

Acq: 31 Jul 2019 07:42

Instrument :

MSVOA\_X

ClientSampled :

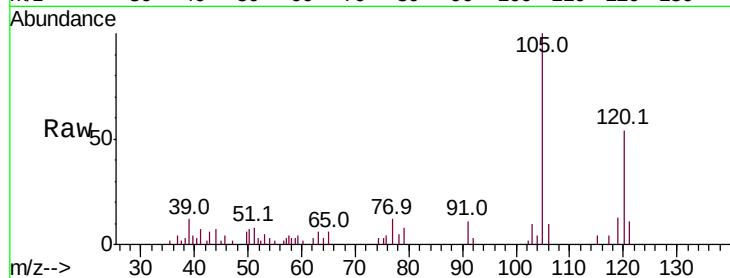
TP-6

Tot Ion:105 Resp: 3386

Ion Ratio Lower Upper

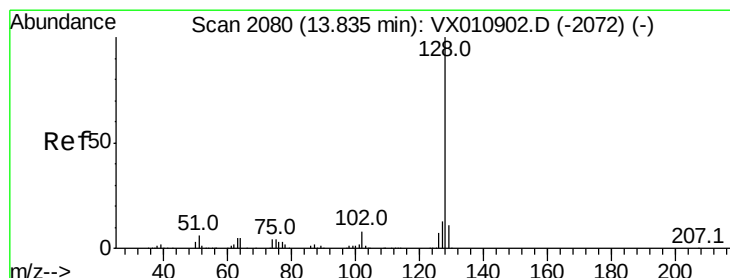
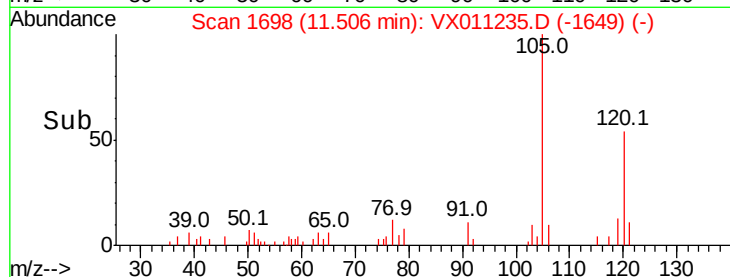
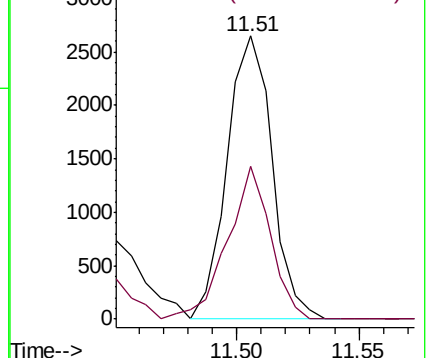
105 100

120 51.6 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 11.802 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011235.D

Acq: 31 Jul 2019 07:42

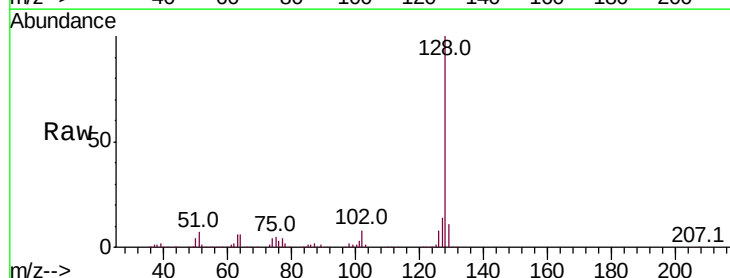
Tgt Ion:128 Resp: 105996

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.0 8.9 13.3



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

