

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\  
 Data File : VX007725.D  
 Acq On : 26 Feb 2019 20:26  
 Operator : JC/SP  
 Sample : K1610-08  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WV-D

Quant Time: Feb 27 00:54:09 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 26 01:53:13 2019  
 Response via : Initial Calibration

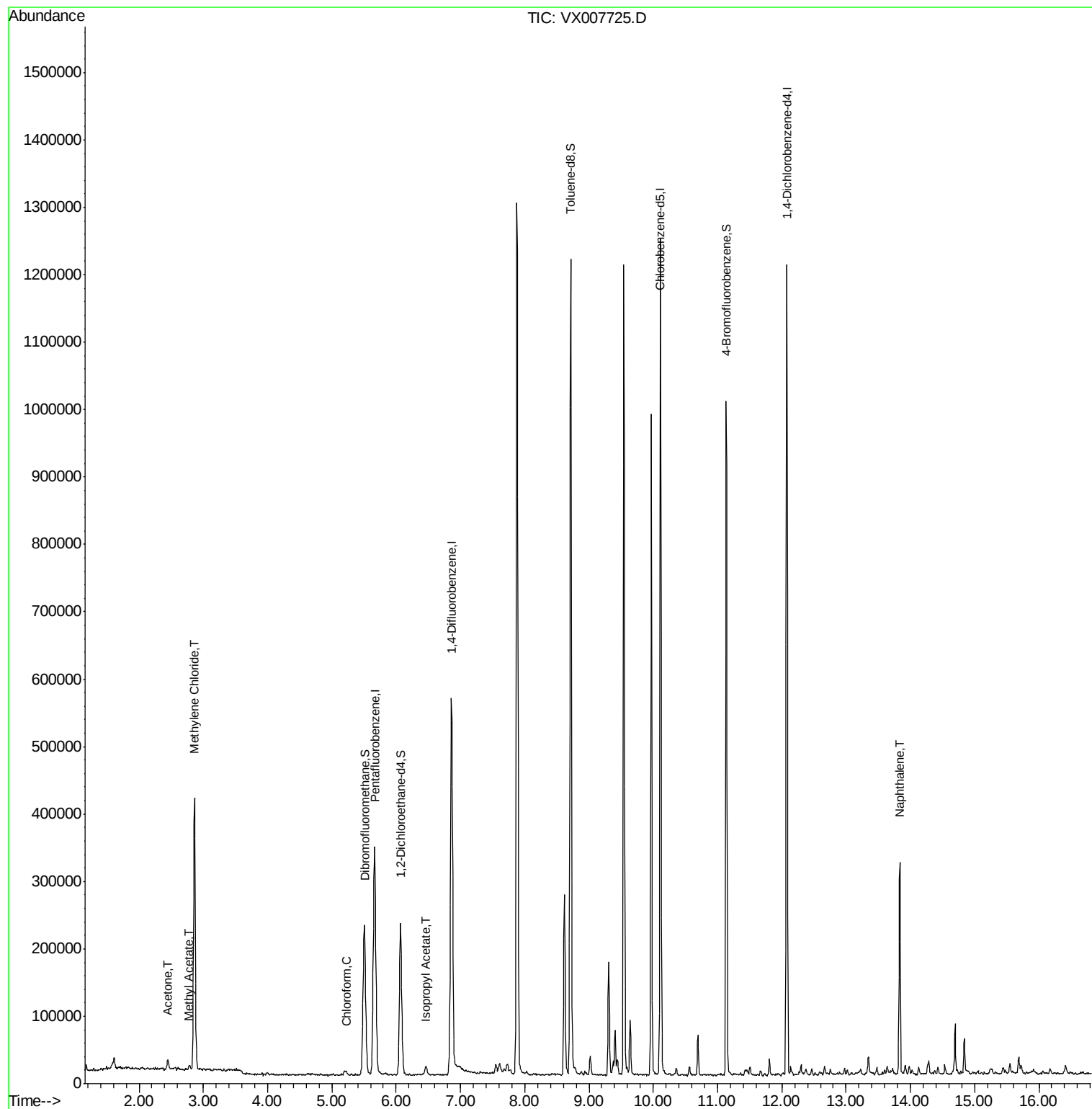
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 336117   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 577610   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 573439   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 260018   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 207583   | 49.86  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.72% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 191732   | 49.66  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.32% |          |
| 50) Toluene-d8              | 8.71  | 98   | 729602   | 49.36  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.72% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 254817   | 46.97  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.94% |          |
| Target Compounds            |       |      |          |        |        |          |
|                             |       |      |          |        | Qvalue |          |
| 16) Acetone                 | 2.45  | 43   | 17178    | 9.278  | ug/l   | 93       |
| 18) Methyl Acetate          | 2.78  | 43   | 8489     | 2.101  | ug/l   | 95       |
| 20) Methylene Chloride      | 2.86  | 84   | 181852   | 53.192 | ug/l   | 94       |
| 30) Chloroform              | 5.21  | 83   | 6987     | 1.061  | ug/l   | 99       |
| 43) Isopropyl Acetate       | 6.46  | 43   | 17222    | 1.940  | ug/l   | 97       |
| 95) Naphthalene             | 13.83 | 128  | 199905   | 11.685 | ug/l   | 100      |

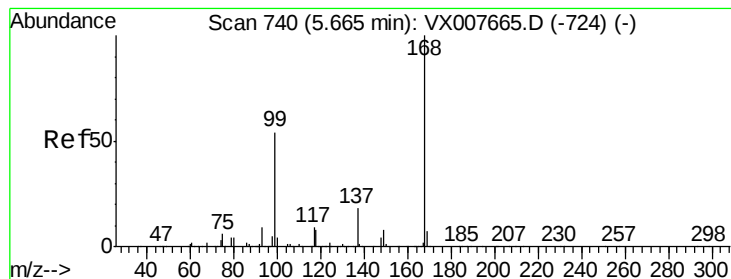
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022619\  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
WV-D

Quant Time: Feb 27 00:54:09 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 26 01:53:13 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: VX007725.D

Acq: 26 Feb 2019 20:26

Instrument :

MSVOA\_X

ClientSampled :

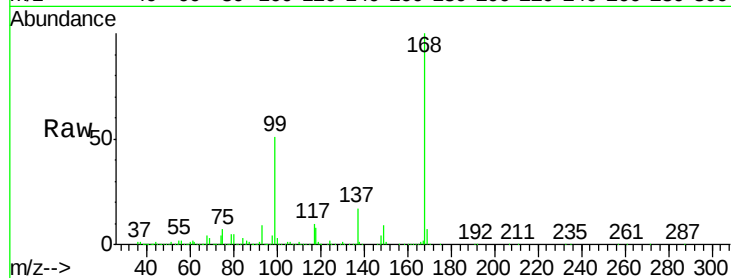
WV-D

Tot Ion:168 Resp: 336117

Ion Ratio Lower Upper

168 100

99 51.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

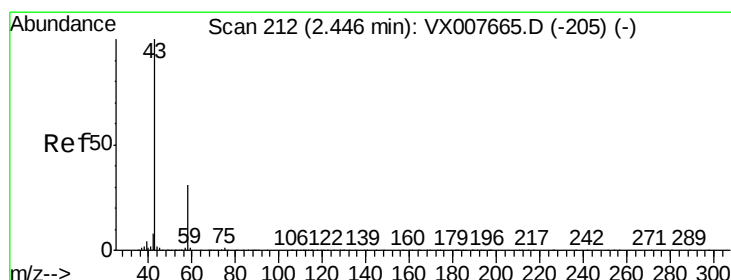
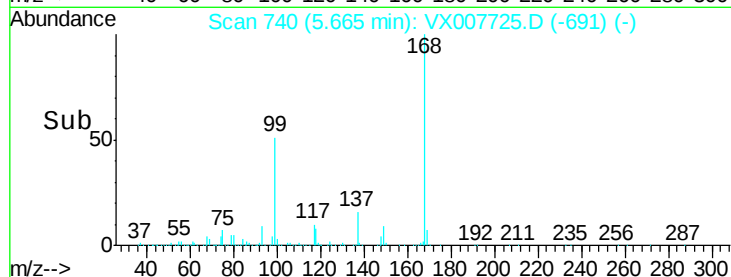
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 9.278 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007725.D

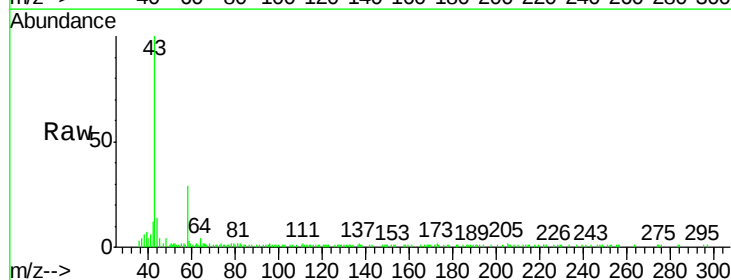
Acq: 26 Feb 2019 20:26

Tgt Ion: 43 Resp: 17178

Ion Ratio Lower Upper

43 100

58 27.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

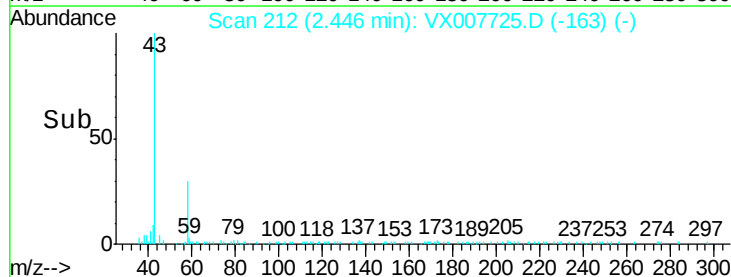
6000

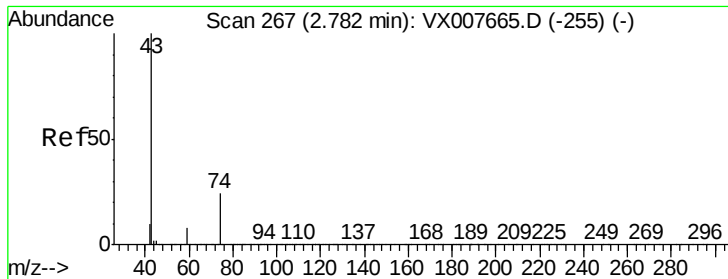
4000

2000

0

Time-->

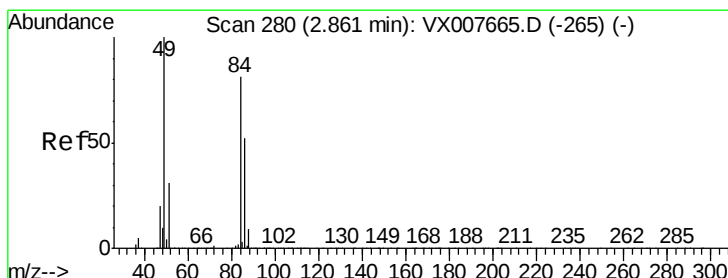
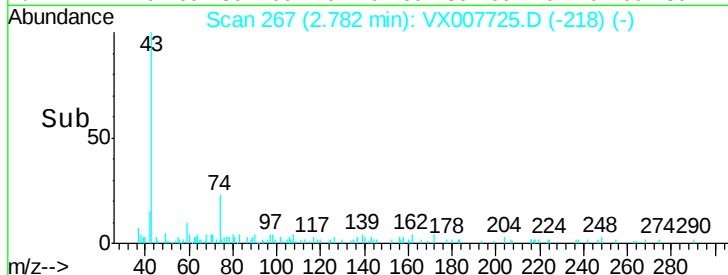
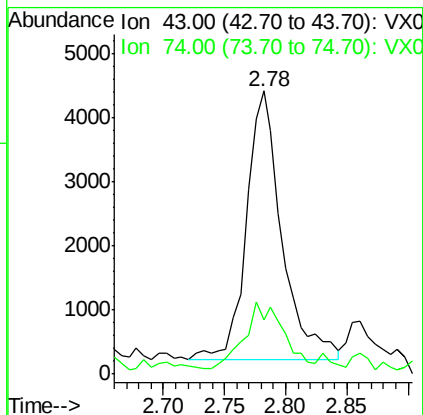
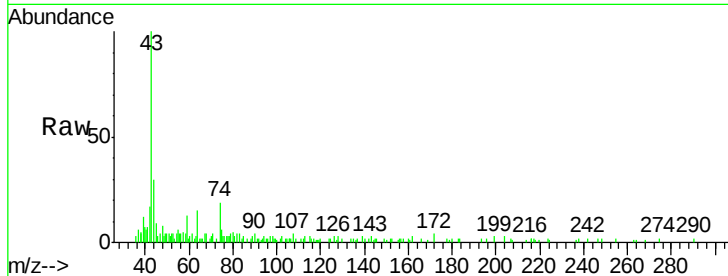




#18  
Methyl Acetate  
Concen: 2.101 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.00 min  
Lab File: VX007725.D  
Acq: 26 Feb 2019 20:26

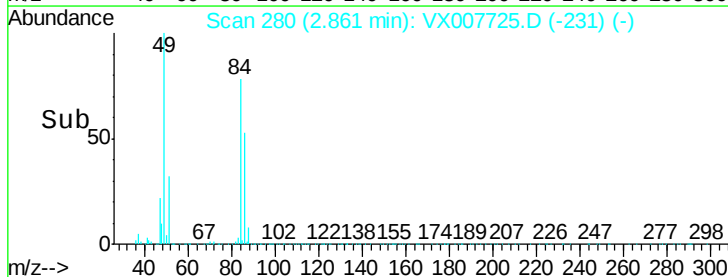
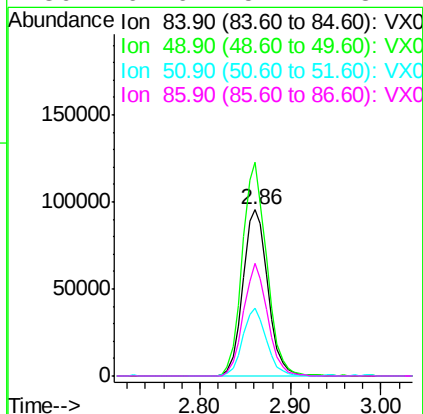
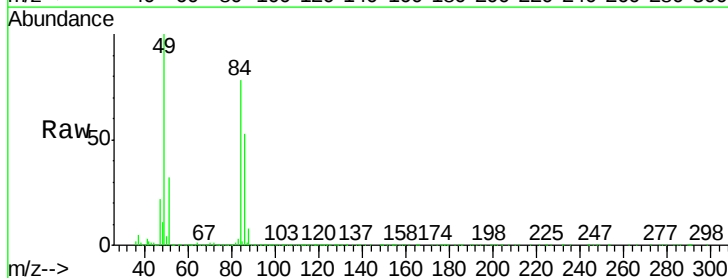
Instrument :  
MSVOA\_X  
ClientSampleId :  
WV-D

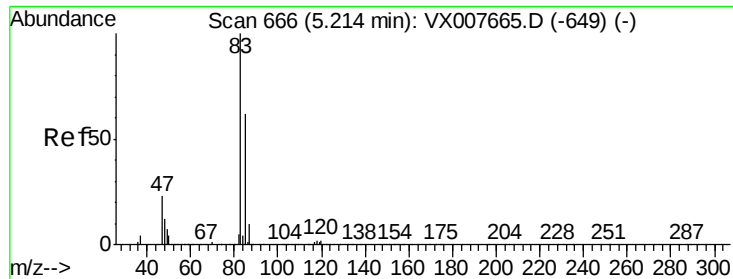
Tot Ion: 43 Resp: 8489  
Ion Ratio Lower Upper  
43 100  
74 26.9 19.4 29.2



#20  
Methylene Chloride  
Concen: 53.192 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX007725.D  
Acq: 26 Feb 2019 20:26

Tgt Ion: 84 Resp: 181852  
Ion Ratio Lower Upper  
84 100  
49 128.3 94.8 142.2  
51 40.6 29.8 44.8  
86 67.6 54.1 81.1

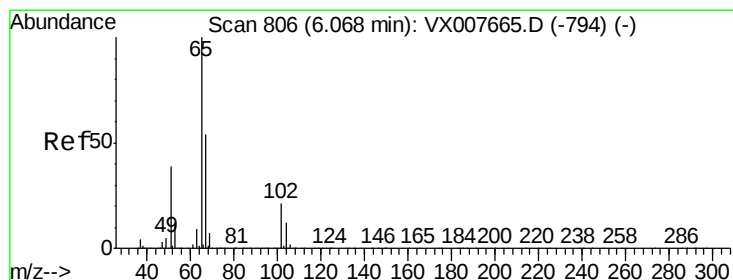
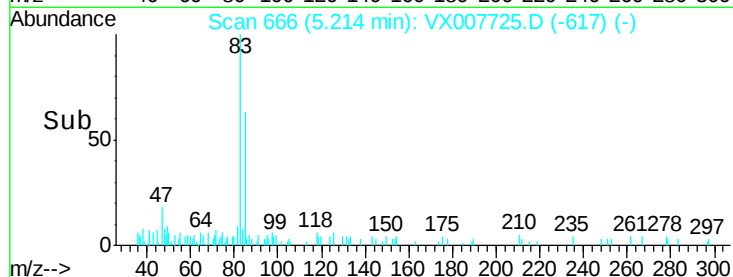
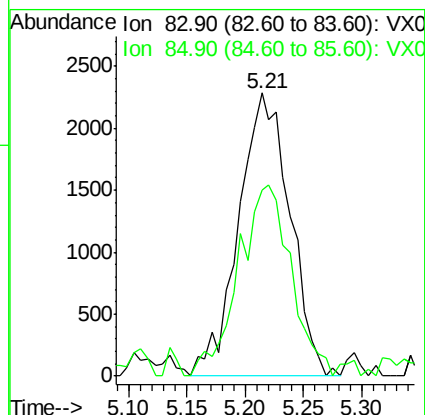
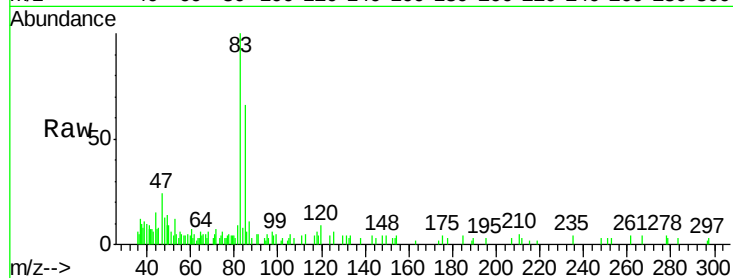




#30  
Chloroform  
Concen: 1.061 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX007725.D  
Acq: 26 Feb 2019 20:26

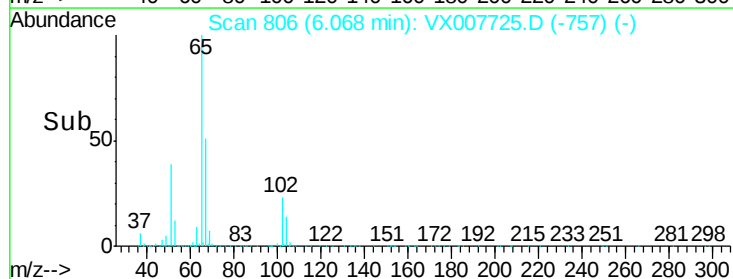
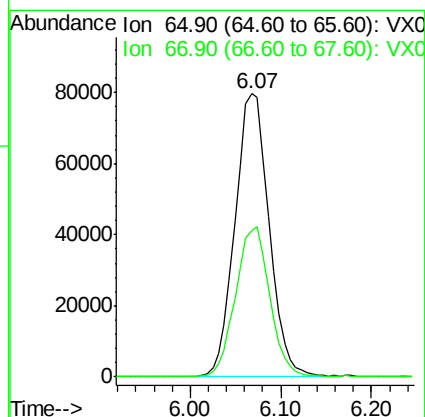
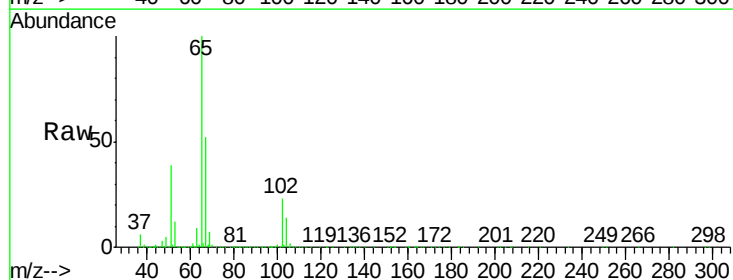
Instrument :  
MSVOA\_X  
ClientSampled :  
WV-D

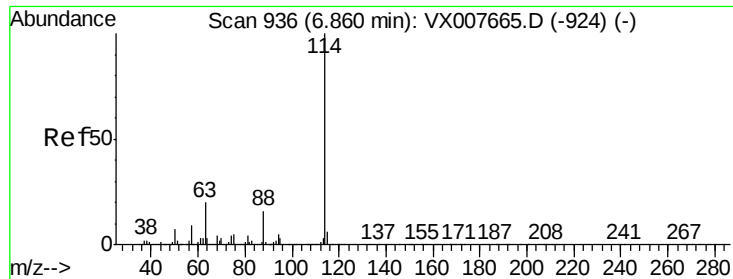
Tot Ion: 83 Resp: 6987  
Ion Ratio Lower Upper  
83 100  
85 65.6 51.6 77.4



#33  
1,2-Dichloroethane-d4  
Concen: 49.859 ug/l  
RT: 6.07 min Scan# 806  
Delta R.T. 0.00 min  
Lab File: VX007725.D  
Acq: 26 Feb 2019 20:26

Tgt Ion: 65 Resp: 207583  
Ion Ratio Lower Upper  
65 100  
67 53.4 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007725.D

Acq: 26 Feb 2019 20:26

Instrument :

MSVOA\_X

ClientSampleId :

WV-D

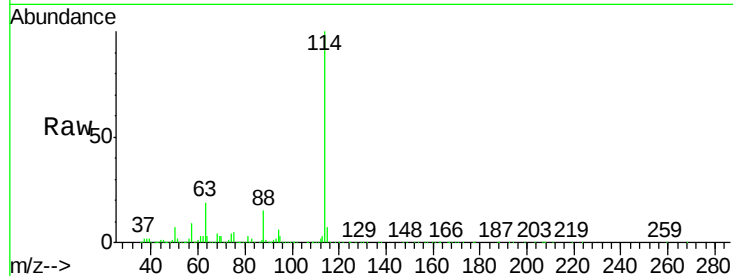
Tot Ion:114 Resp: 577610

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.6

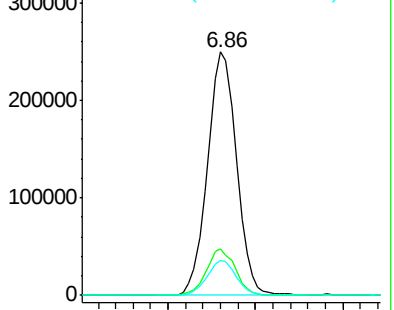
88 14.5 0.0 29.6



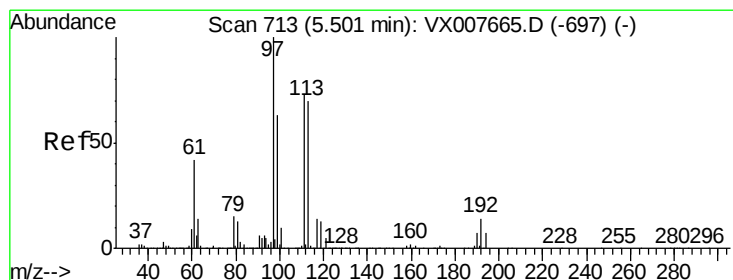
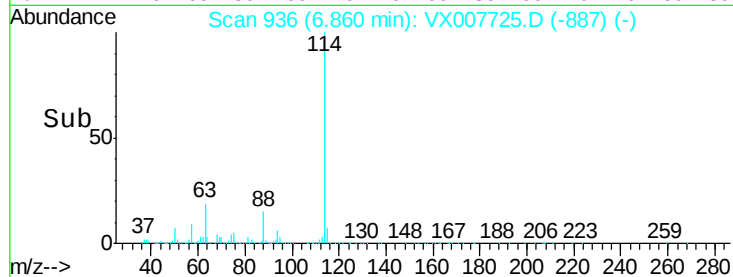
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->



#35

Dibromofluoromethane

Concen: 49.657 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007725.D

Acq: 26 Feb 2019 20:26

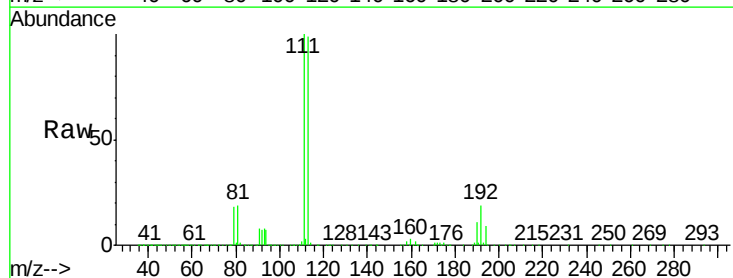
Tgt Ion:113 Resp: 191732

Ion Ratio Lower Upper

113 100

111 99.3 81.8 122.8

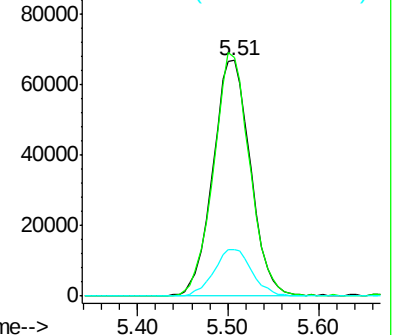
192 20.1 18.5 27.7



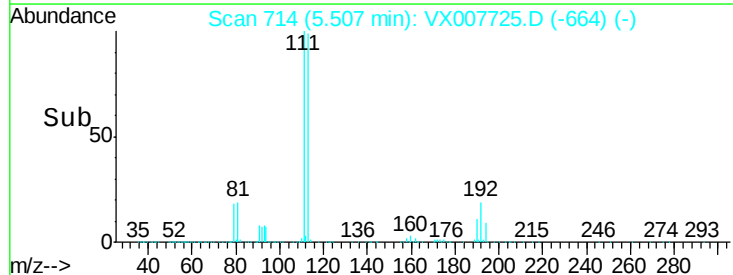
Abundance Ion 112.80 (112.50 to 113.50): V

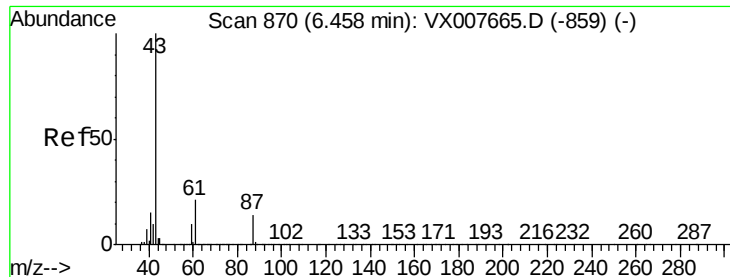
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



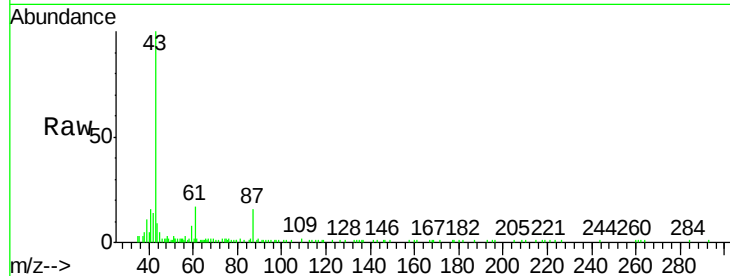


#43

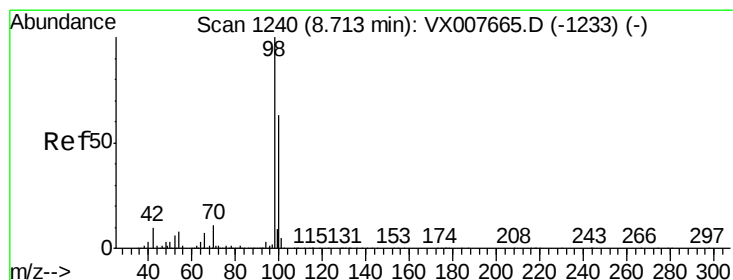
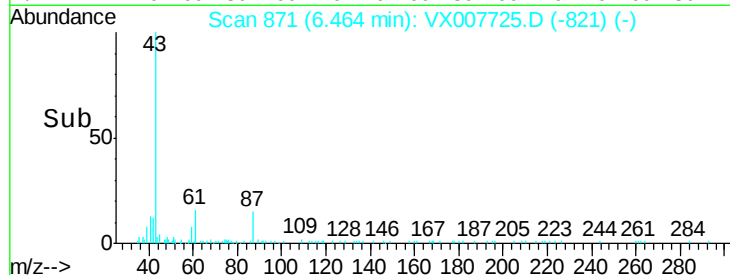
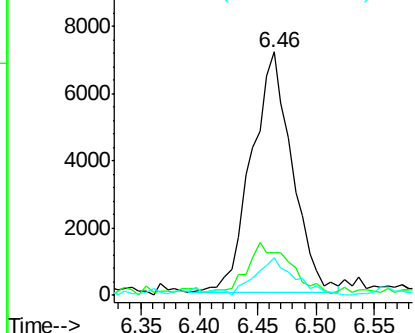
Isopropyl Acetate  
 Concen: 1.940 ug/l  
 RT: 6.46 min Scan# 871  
 Delta R.T. 0.01 min  
 Lab File: VX007725.D  
 Acq: 26 Feb 2019 20:26

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WV-D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.7  | 16.1  | 24.1  |
| 87      | 15.3  | 11.5  | 17.3  |



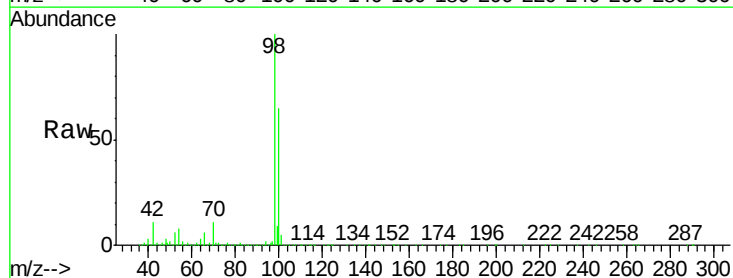
Abundance Ion 43.00 (42.70 to 43.70): VX0  
 Ion 61.00 (60.70 to 61.70): VX0  
 Ion 87.00 (86.70 to 87.70): VX0



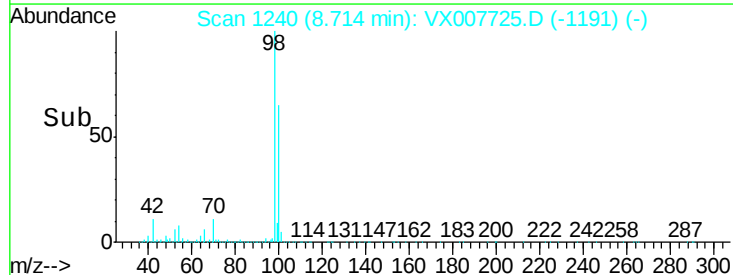
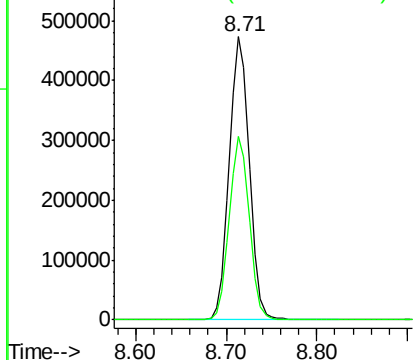
#50

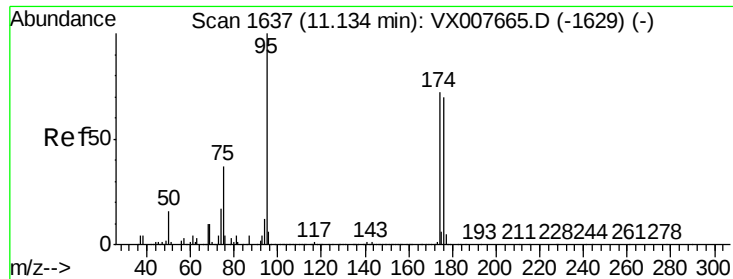
Toluene-d8  
 Concen: 49.358 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VX007725.D  
 Acq: 26 Feb 2019 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.6  | 51.6  | 77.4  |



Abundance Ion 98.00 (97.70 to 98.70): VX0  
 Ion 100.00 (99.70 to 100.70): VX0

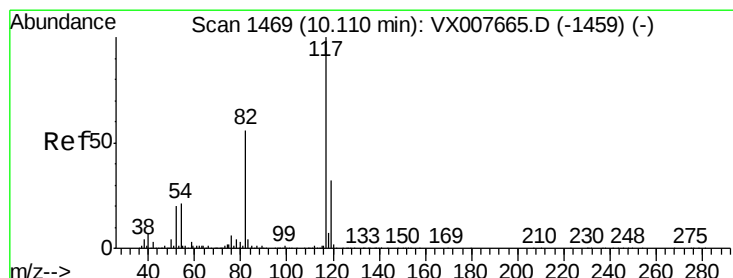
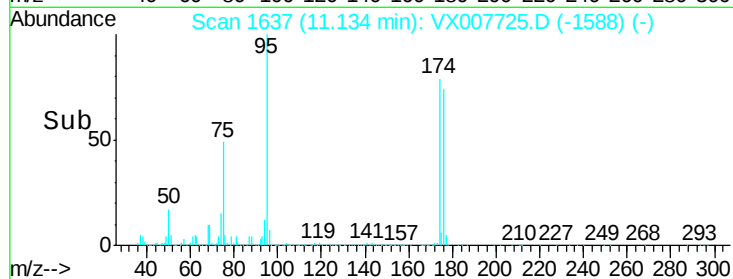
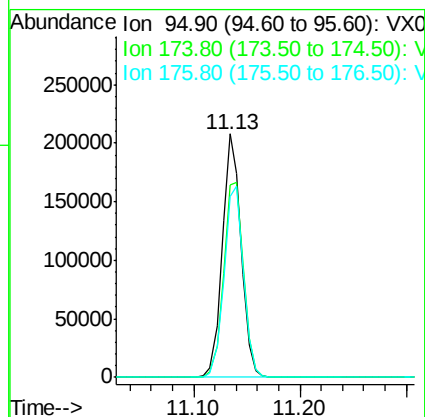
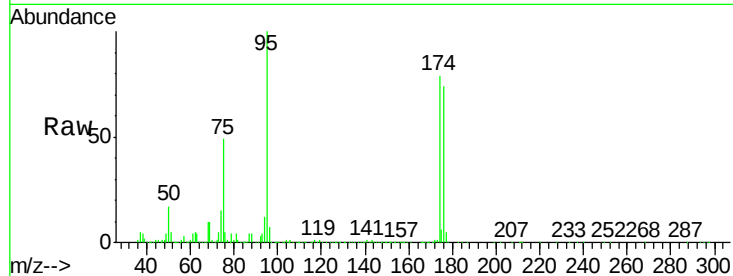




#62  
4-Bromofluorobenzene  
Concen: 46.967 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. 0.00 min  
Lab File: VX007725.D  
Acq: 26 Feb 2019 20:26

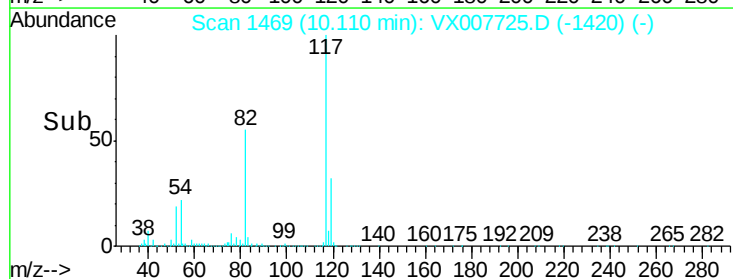
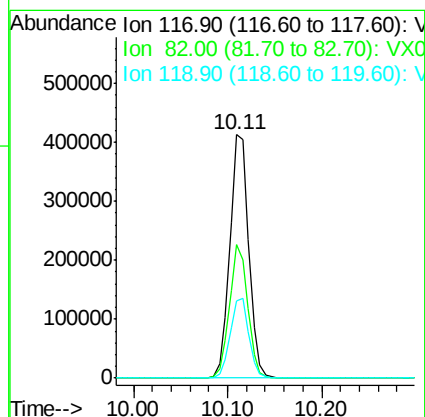
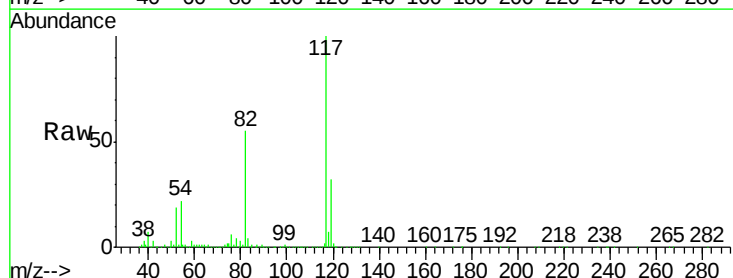
Instrument :  
MSVOA\_X  
ClientSampled :  
WV-D

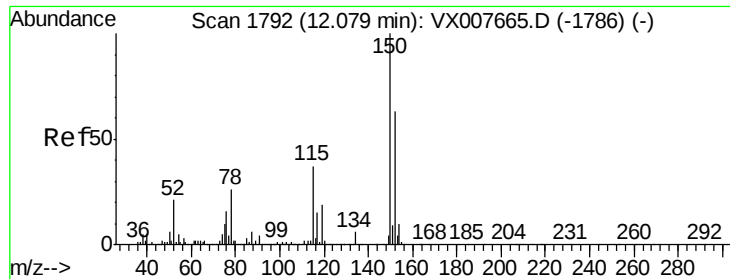
Tot Ion: 95 Resp: 254817  
Ion Ratio Lower Upper  
95 100  
174 85.6 0.0 189.2  
176 82.0 0.0 186.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX007725.D  
Acq: 26 Feb 2019 20:26

Tgt Ion: 117 Resp: 573439  
Ion Ratio Lower Upper  
117 100  
82 54.7 42.1 63.1  
119 31.8 26.5 39.7



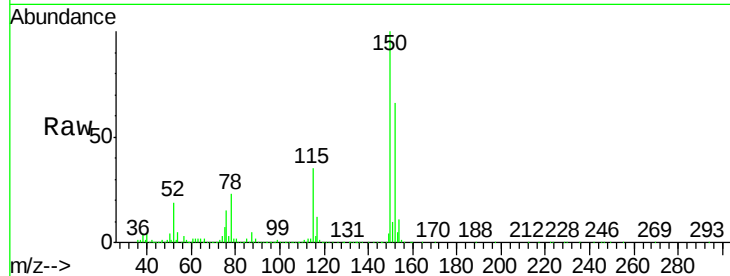


#72

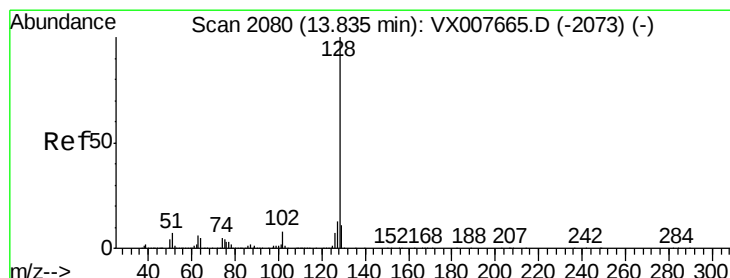
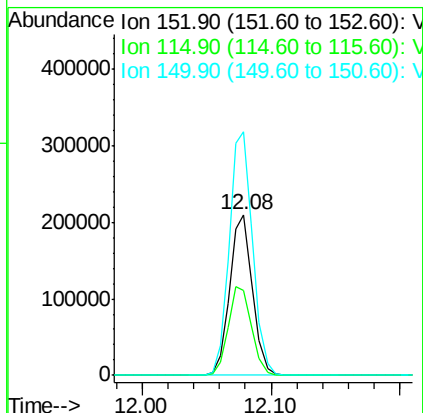
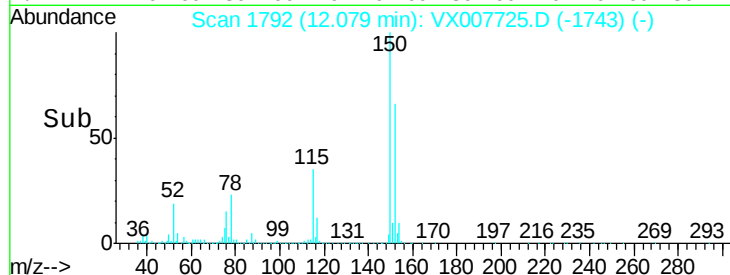
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX007725.D  
Acq: 26 Feb 2019 20:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
WV-D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 56.9  | 38.0  | 114.0 |
| 150     | 155.6 | 0.0   | 346.4 |



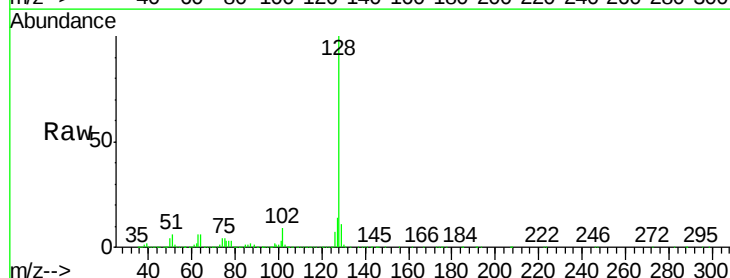
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene  
Concen: 11.685 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX007725.D  
Acq: 26 Feb 2019 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 10.5  | 15.7  |
| 129     | 10.8  | 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

