

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\  
 Data File : VX019104.D  
 Acq On : 24 Oct 2020 04:06  
 Operator : JC/SP  
 Sample : L4417-18  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-10D

Quant Time: Oct 26 06:23:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 22 17:51:42 2020  
 Response via : Initial Calibration

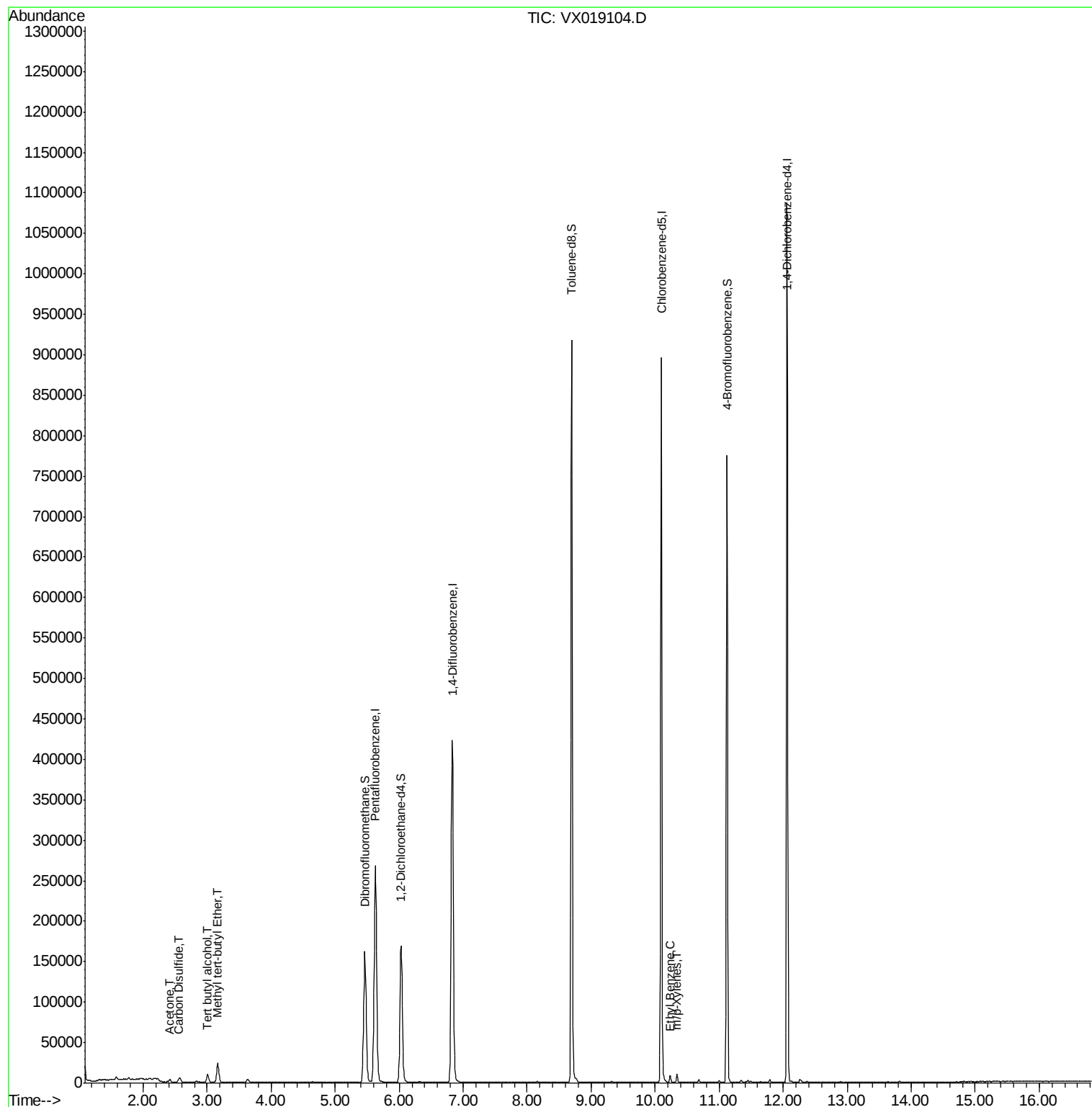
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 261225   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 452235   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 428672   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 223619   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 159888   | 51.10  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.20% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 140316   | 49.01  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.02%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 561342   | 51.38  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.76% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 201452   | 51.83  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.66% |          |
| Target Compounds            |       |      |          |        |         |          |
|                             |       |      |          |        | Qvalue  |          |
| 11) Tert butyl alcohol      | 3.01  | 59   | 12501    | 19.726 | ug/l    | 99       |
| 16) Acetone                 | 2.42  | 43   | 3488     | 3.273  | ug/l    | 94       |
| 17) Carbon Disulfide        | 2.56  | 76   | 3974     | 0.542  | ug/l #  | 90       |
| 19) Methyl tert-butyl Ether | 3.17  | 73   | 29261    | 3.633  | ug/l    | 97       |
| 67) Ethyl Benzene           | 10.24 | 91   | 4836     | 0.312  | ug/l    | 91       |
| 68) m/p-Xylenes             | 10.34 | 106  | 2453     | 0.413  | ug/l    | 93       |

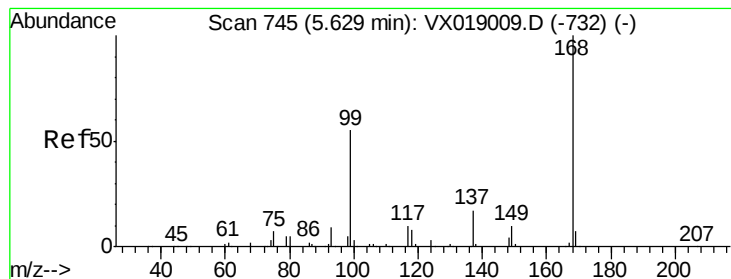
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102320\  
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MW-10D

Quant Time: Oct 26 06:23:19 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X102120W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 22 17:51:42 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019104.D

Acq: 24 Oct 2020 04:06

Instrument :

MSVOA\_X

ClientSampled :

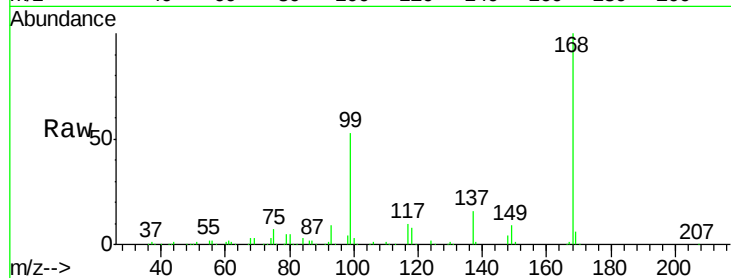
MW-10D

Tot Ion:168 Resp: 261225

Ion Ratio Lower Upper

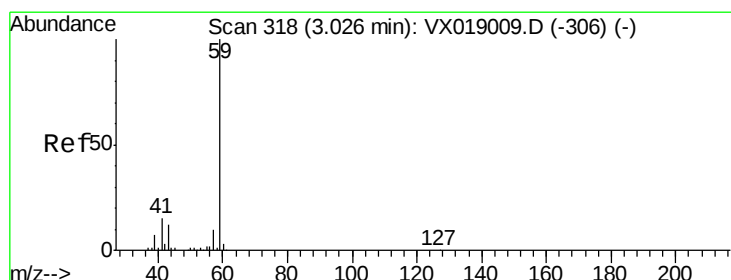
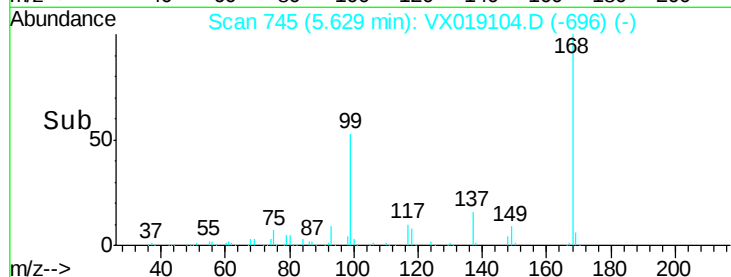
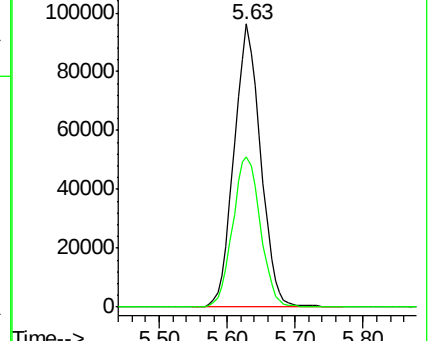
168 100

99 52.9 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 19.726 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.02 min

Lab File: VX019104.D

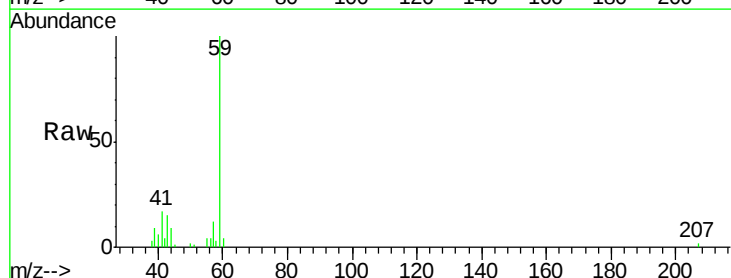
Acq: 24 Oct 2020 04:06

Tgt Ion: 59 Resp: 12501

Ion Ratio Lower Upper

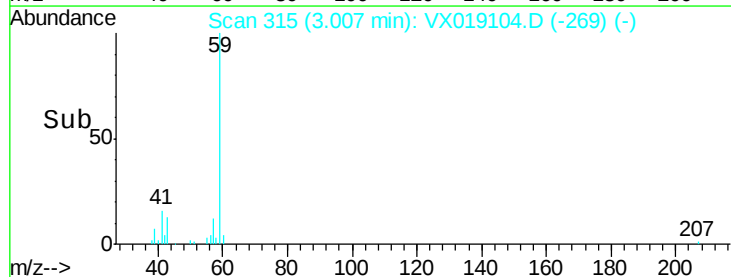
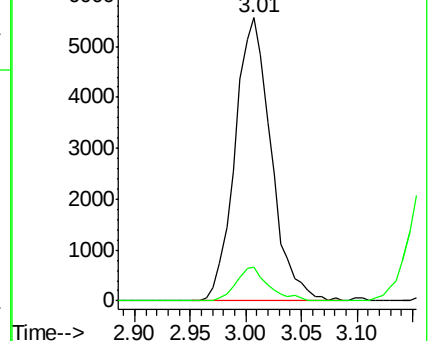
59 100

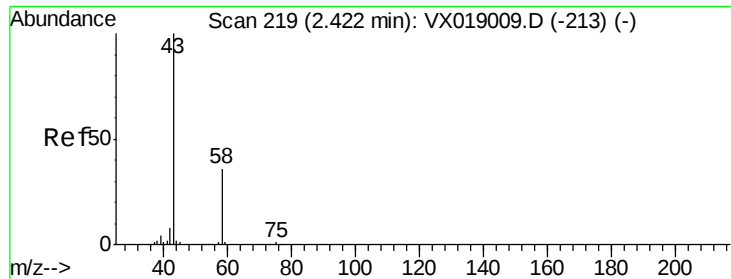
57 10.6 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 3.273 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019104.D

Acq: 24 Oct 2020 04:06

Instrument :

MSVOA\_X

ClientSampleId :

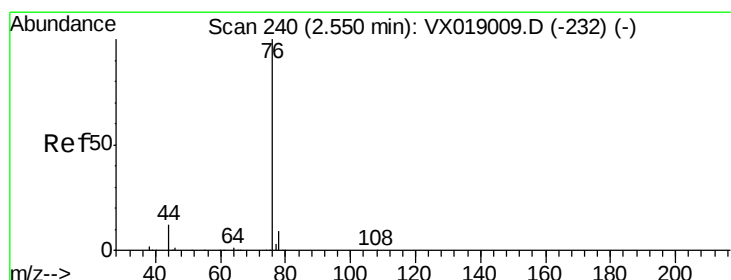
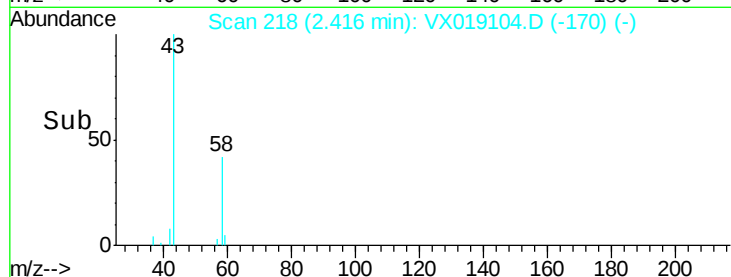
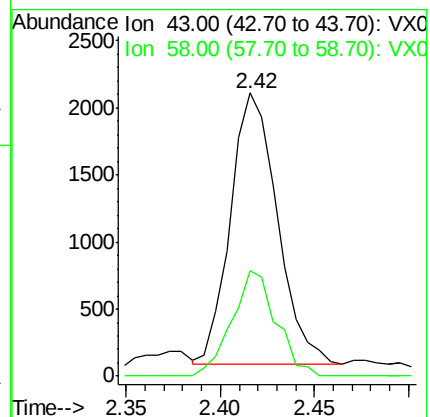
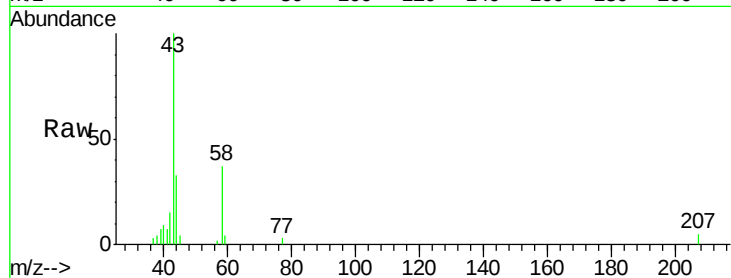
MW-10D

Tot Ion: 43 Resp: 3488

Ion Ratio Lower Upper

43 100

58 39.1 28.6 42.8



#17

Carbon Disulfide

Concen: 0.542 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX019104.D

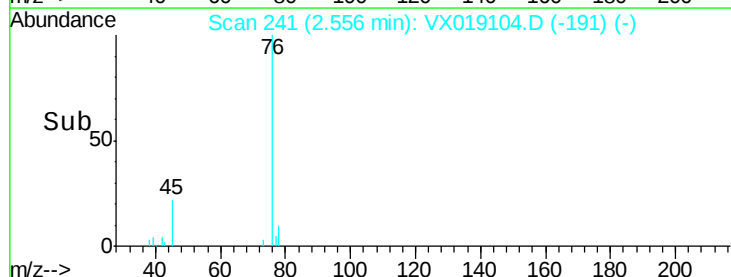
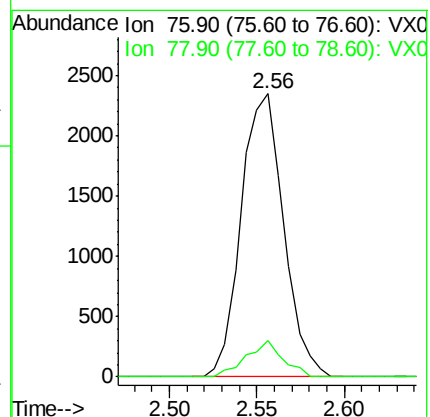
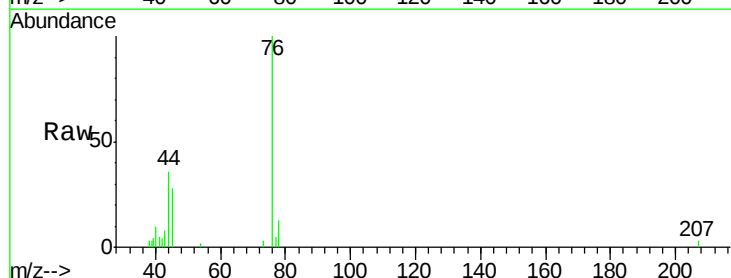
Acq: 24 Oct 2020 04:06

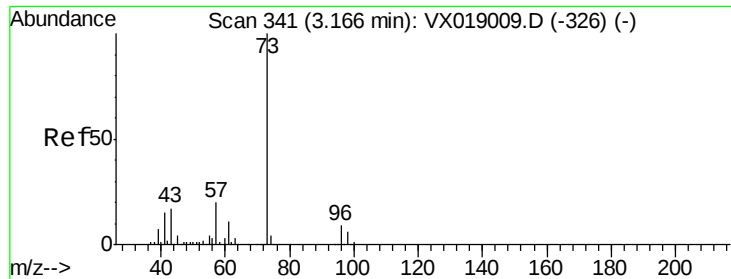
Tgt Ion: 76 Resp: 3974

Ion Ratio Lower Upper

76 100

78 12.6 7.1 10.7#

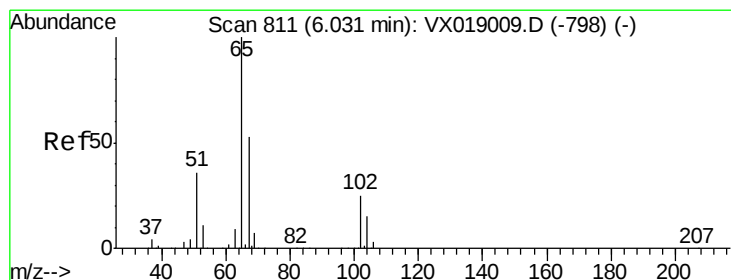
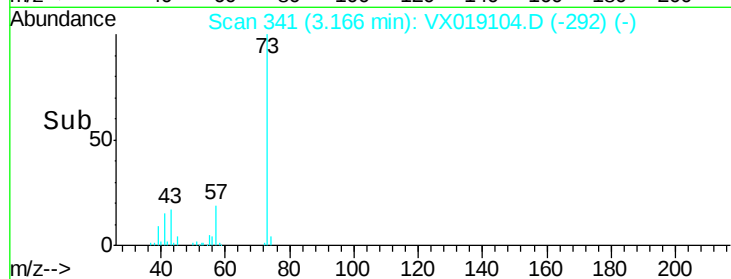
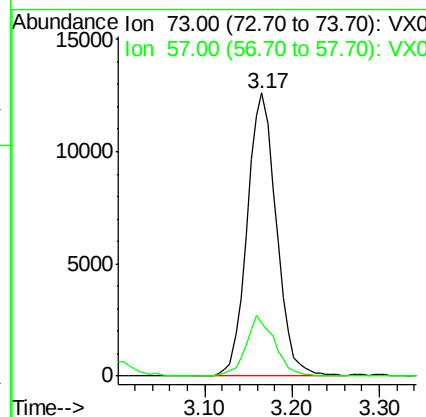
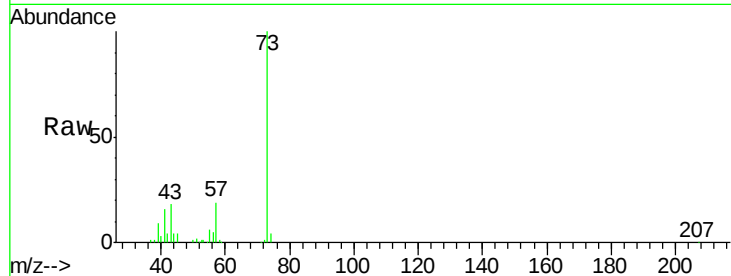




#19  
Methvl tert-butvl Ether  
Concen: 3.633 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.00 min  
Lab File: VX019104.D  
Acq: 24 Oct 2020 04:06

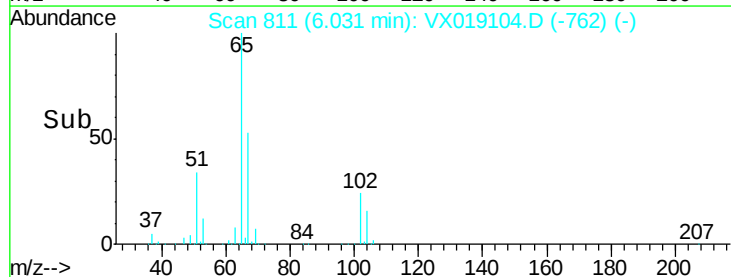
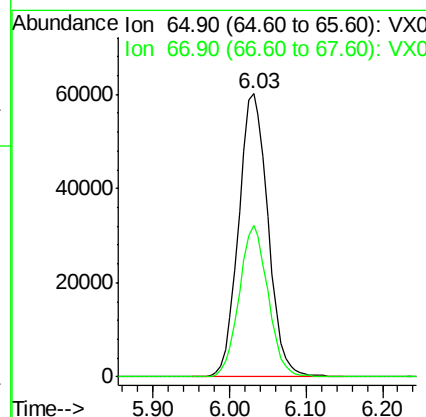
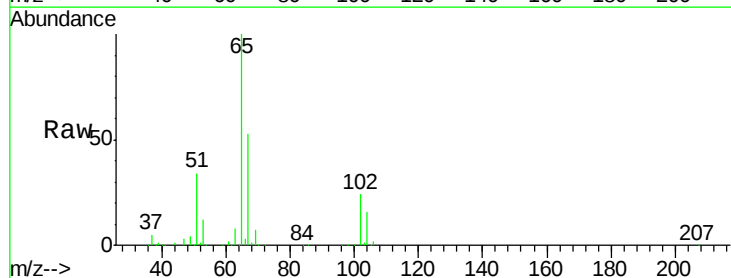
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10D

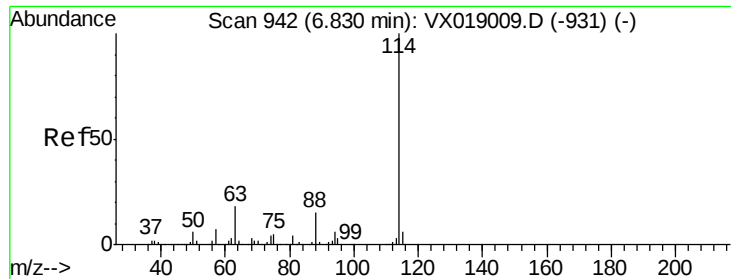
Tot Ion: 73 Resp: 29261  
Ion Ratio Lower Upper  
73 100  
57 18.7 16.2 24.2



#33  
1,2-Dichloroethane-d4  
Concen: 51.098 ug/l  
RT: 6.03 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: VX019104.D  
Acq: 24 Oct 2020 04:06

Tgt Ion: 65 Resp: 159888  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019104.D

Acq: 24 Oct 2020 04:06

Instrument :

MSVOA\_X

ClientSampleId :

MW-10D

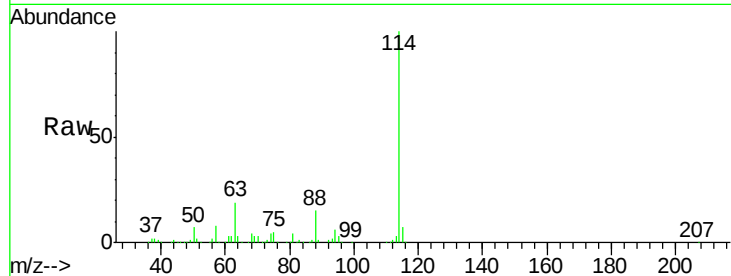
Tot Ion:114 Resp: 452235

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

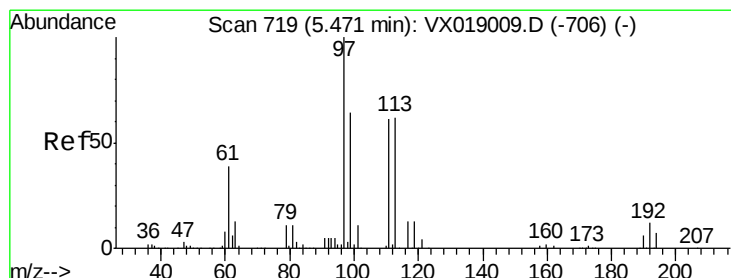
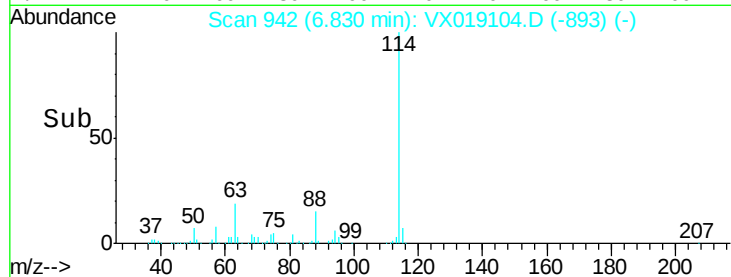
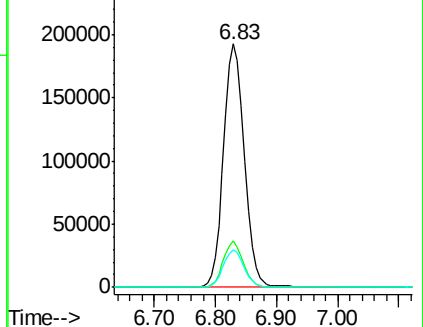
88 15.3 0.0 30.2



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: 49.006 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019104.D

Acq: 24 Oct 2020 04:06

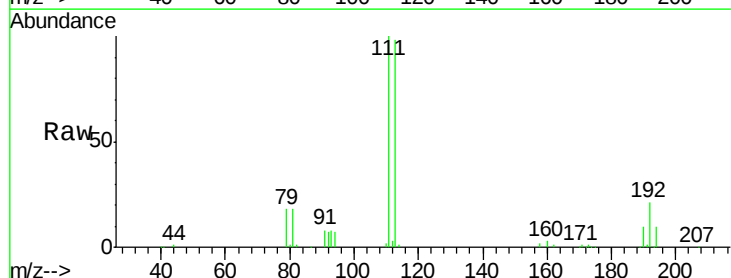
Tgt Ion:113 Resp: 140316

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

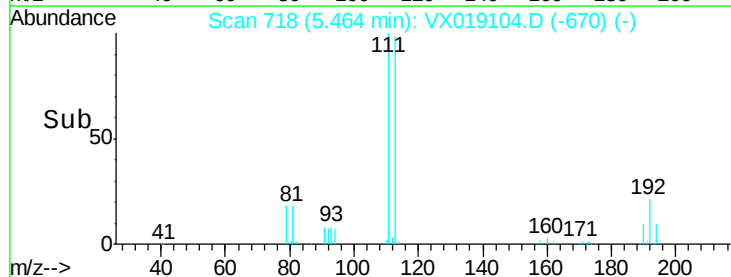
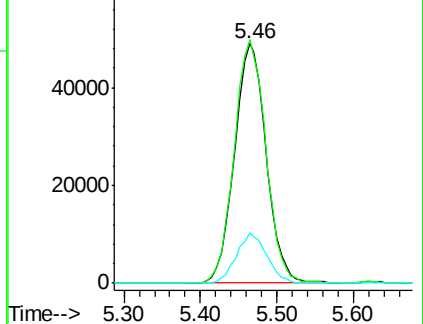
192 20.1 16.3 24.5

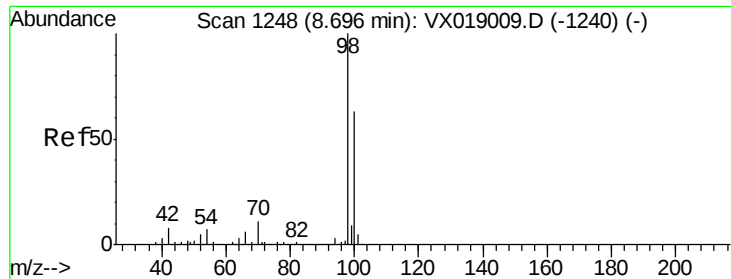


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

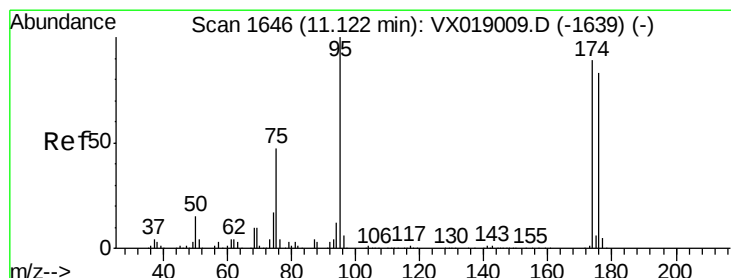
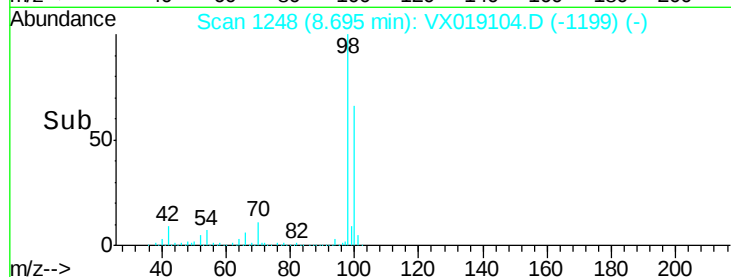
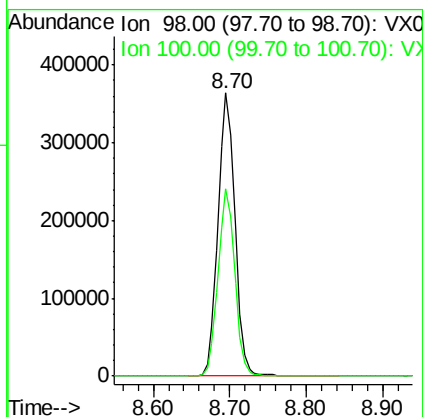
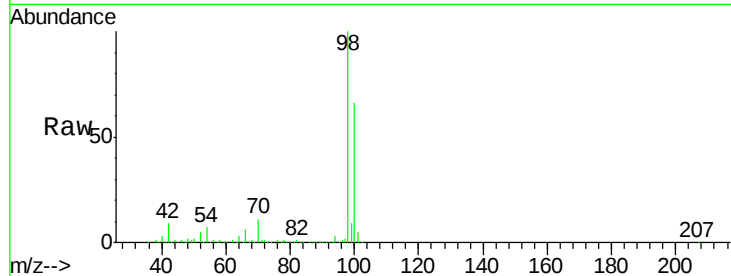




#50  
Toluene-d8  
Concen: 51.376 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX019104.D  
Acq: 24 Oct 2020 04:06

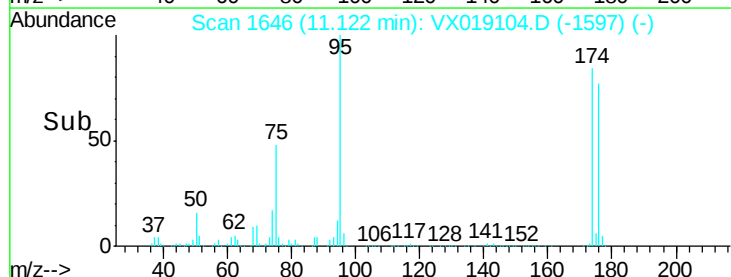
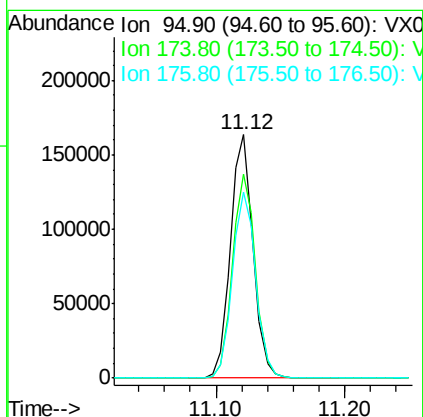
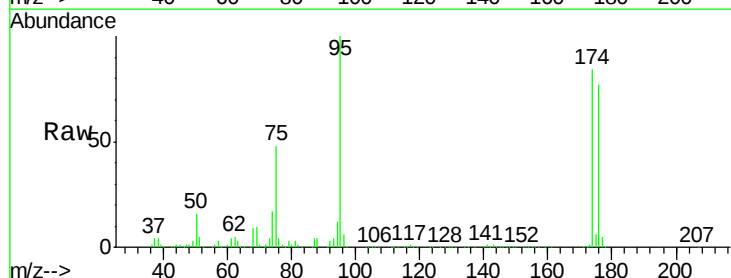
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10D

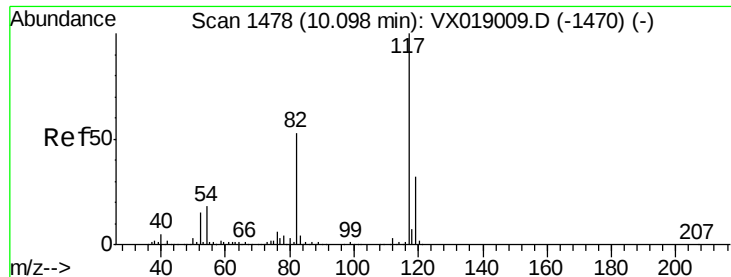
Tot Ion: 98 Resp: 561342  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.1 78.1



#62  
4-Bromofluorobenzene  
Concen: 51.834 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: VX019104.D  
Acq: 24 Oct 2020 04:06

Tgt Ion: 95 Resp: 201452  
Ion Ratio Lower Upper  
95 100  
174 84.9 0.0 167.6  
176 78.8 0.0 165.2

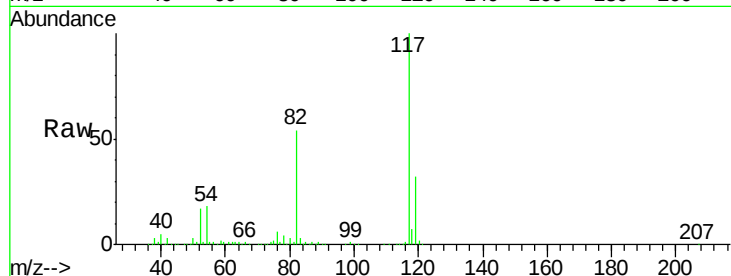




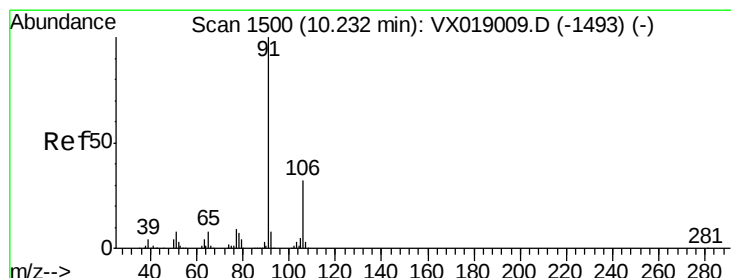
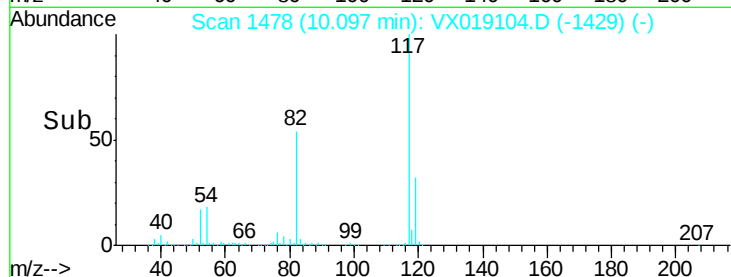
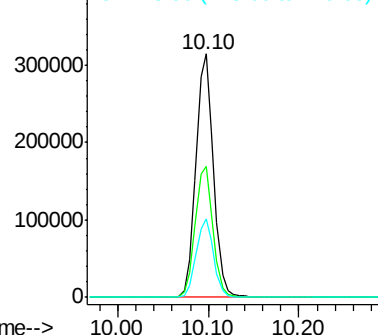
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX019104.D  
Acq: 24 Oct 2020 04:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10D

Tot Ion:117 Resp: 428672  
Ion Ratio Lower Upper  
117 100  
82 53.5 42.4 63.6  
119 32.4 25.6 38.4

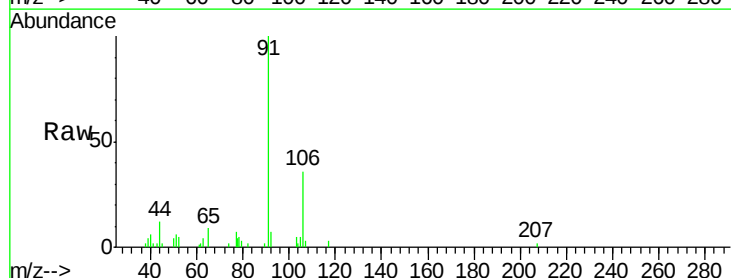


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

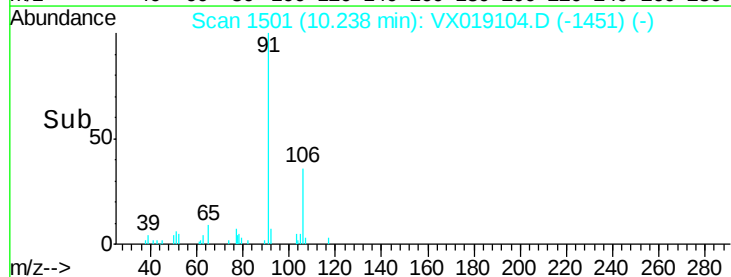
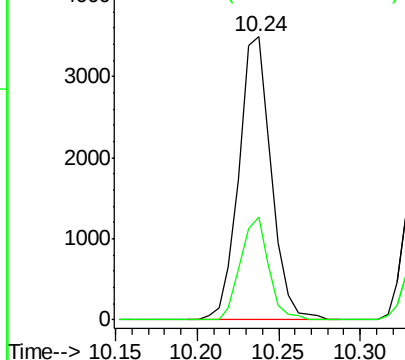


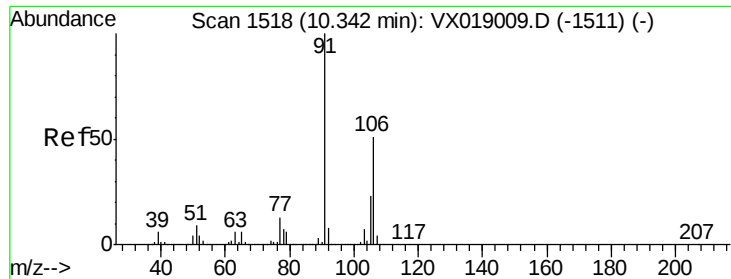
#67  
Ethyl Benzene  
Concen: 0.312 ug/l  
RT: 10.24 min Scan# 1501  
Delta R.T. 0.01 min  
Lab File: VX019104.D  
Acq: 24 Oct 2020 04:06

Tgt Ion: 91 Resp: 4836  
Ion Ratio Lower Upper  
91 100  
106 36.3 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 106.00 (105.70 to 106.70): V

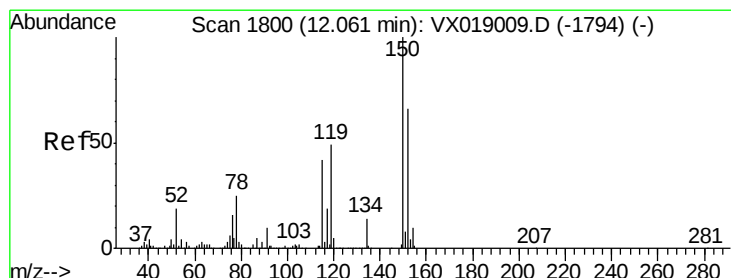
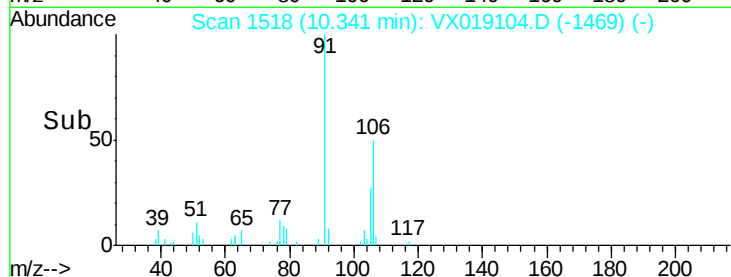
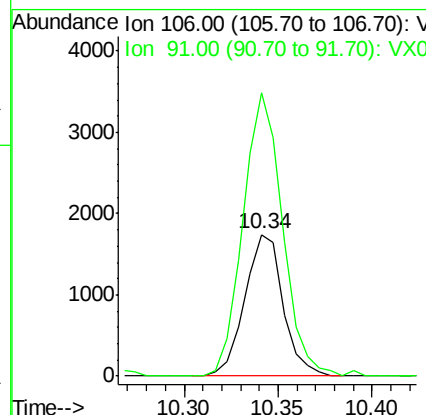
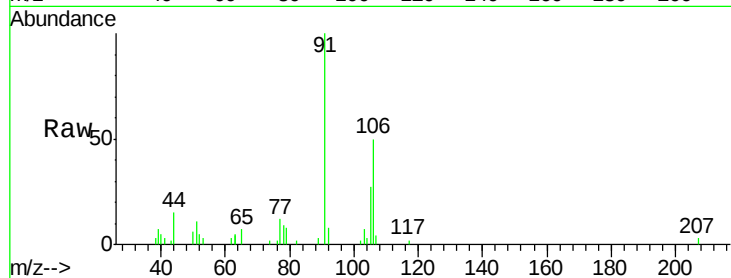




#68  
m/p-Xvlenes  
Concen: 0.413 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX019104.D  
Acq: 24 Oct 2020 04:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10D

Tot Ion:106 Resp: 2453  
Ion Ratio Lower Upper  
106 100  
91 206.6 156.9 235.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX019104.D  
Acq: 24 Oct 2020 04:06

Tgt Ion:152 Resp: 223619  
Ion Ratio Lower Upper  
152 100  
115 56.9 40.8 122.5  
150 155.3 0.0 345.6

