

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060222\  
 Data File : VX029145.D  
 Acq On : 02 Jun 2022 19:02  
 Operator : JC/MD  
 Sample : N3022-12DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 48BR-20220525DL

Quant Time: Jun 03 04:33:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 01 04:45:42 2022  
 Response via : Initial Calibration

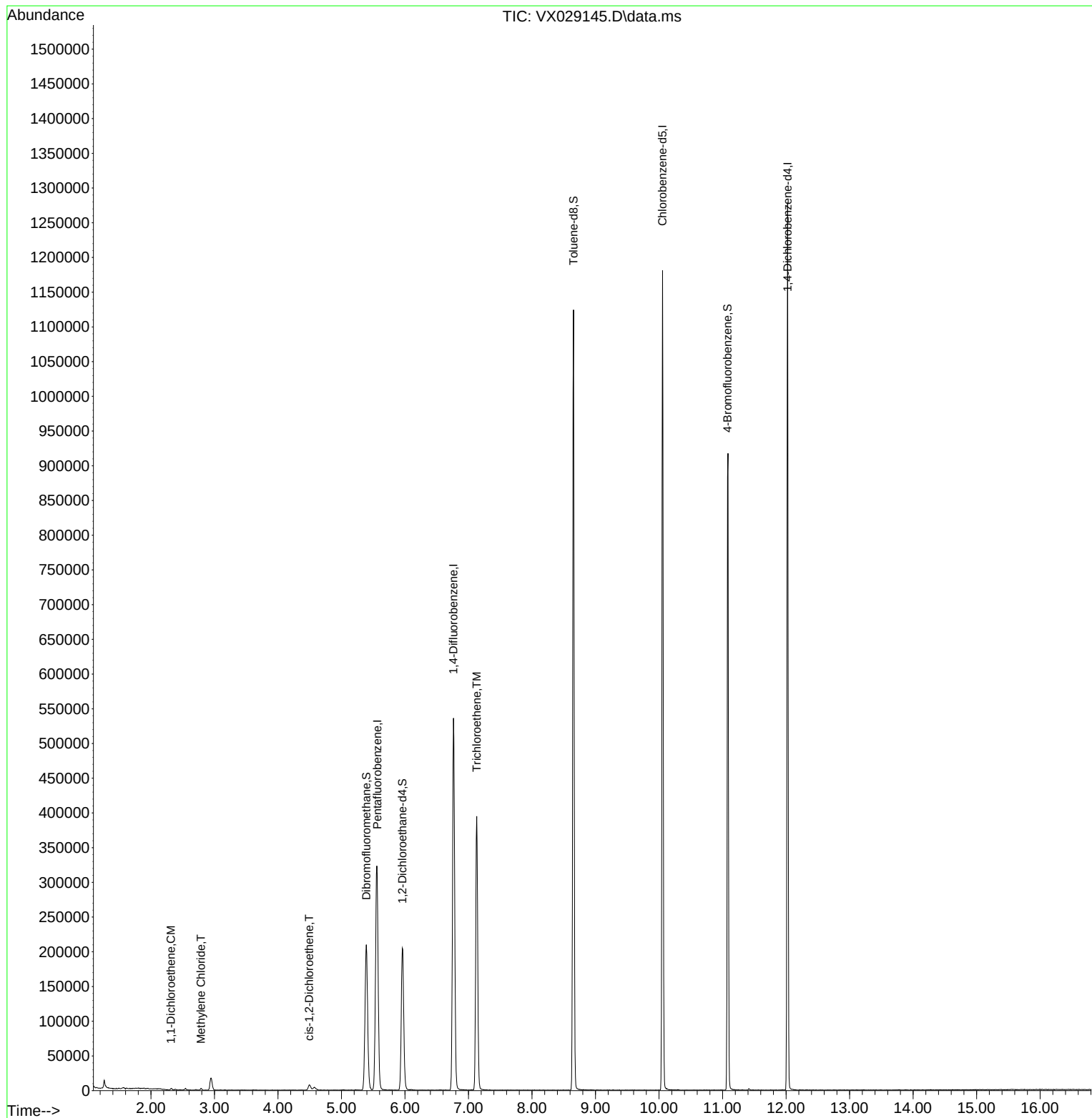
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 305362   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 564309   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 547792   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 253823   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 200453   | 58.214   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 116.420% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 186778   | 49.830   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 99.660%  |
| 50) Toluene-d8              | 8.653  | 98    | 665162   | 48.520   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 97.040%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 264828   | 49.975   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 99.940%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene      | 2.312  | 96    | 901      | 0.327    | ug/l   | 91       |
| 20) Methylene Chloride      | 2.788  | 84    | 1114     | 0.352    | ug/l   | 90       |
| 27) cis-1,2-Dichloroethene  | 4.489  | 96    | 5430     | 1.466    | ug/l   | 91       |
| 44) Trichloroethene         | 7.129  | 130   | 159856   | 37.575   | ug/l   | 96       |
| -----                       |        |       |          |          |        |          |

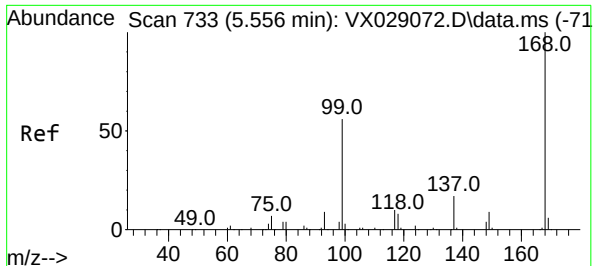
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060222\  
Data File : VX029145.D  
Acq On : 02 Jun 2022 19:02  
Operator : JC/MD  
Sample : N3022-12DL 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
48BR-20220525DL

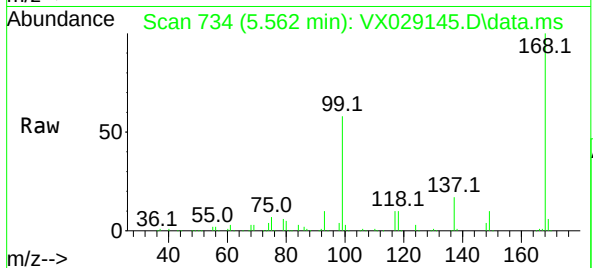
Quant Time: Jun 03 04:33:40 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053122W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 01 04:45:42 2022  
Response via : Initial Calibration



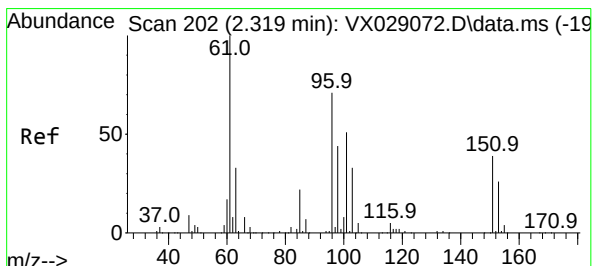
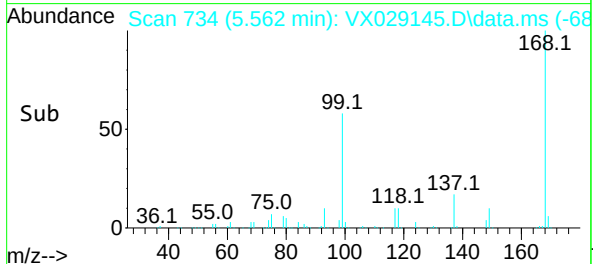
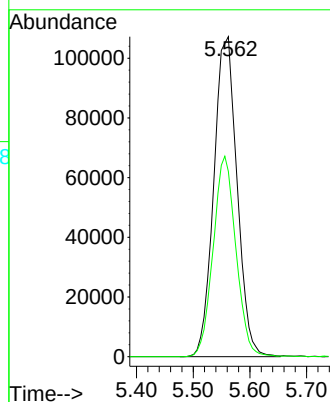


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX029145.D  
Acq: 02 Jun 2022 19:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
48BR-20220525DL

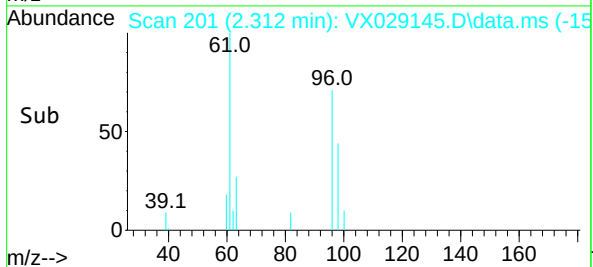
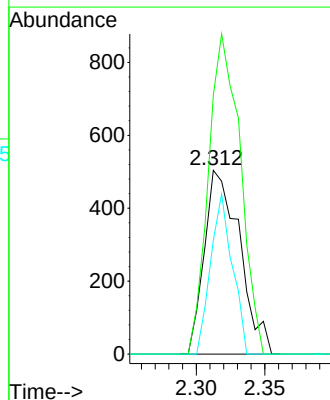
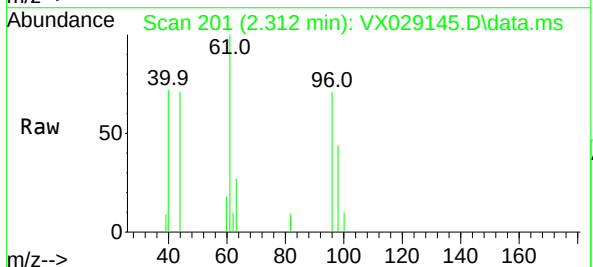


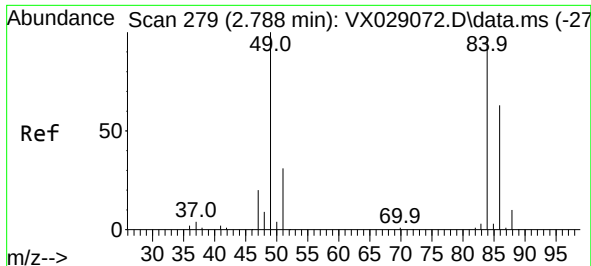
Tgt Ion:168 Resp: 305362  
Ion Ratio Lower Upper  
168 100  
99 57.9 41.7 62.5



#12  
1,1-Dichloroethene  
Concen: 0.327 ug/l  
RT: 2.312 min Scan# 201  
Delta R.T. -0.007 min  
Lab File: VX029145.D  
Acq: 02 Jun 2022 19:02

Tgt Ion: 96 Resp: 901  
Ion Ratio Lower Upper  
96 100  
61 140.9 124.6 187.0  
98 61.9 51.0 76.4



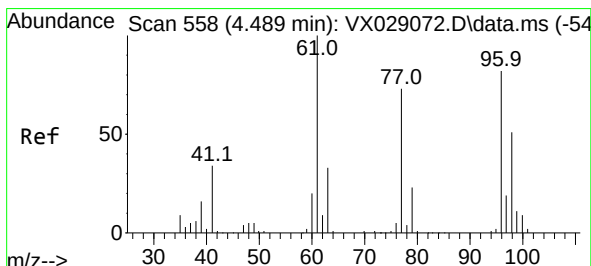
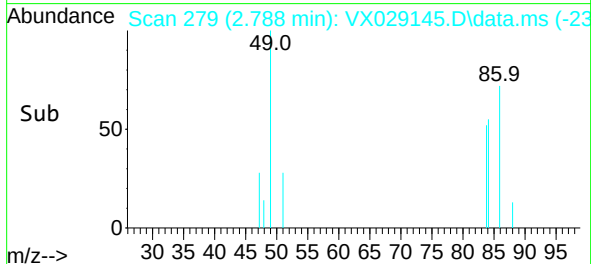
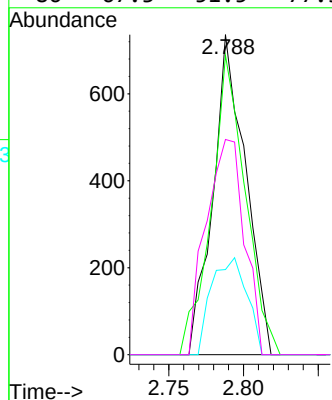
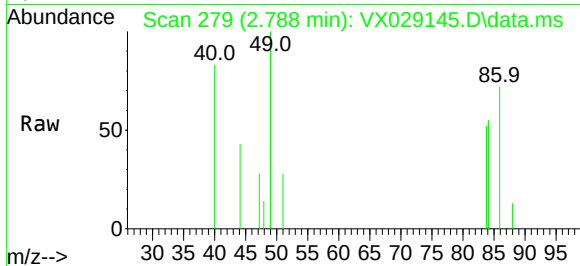


#20  
Methylene Chloride  
Concen: 0.352 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX029145.D  
Acq: 02 Jun 2022 19:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
48BR-20220525DL

Tgt Ion: 84 Resp: 1114

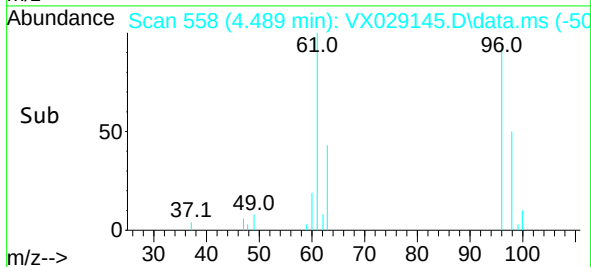
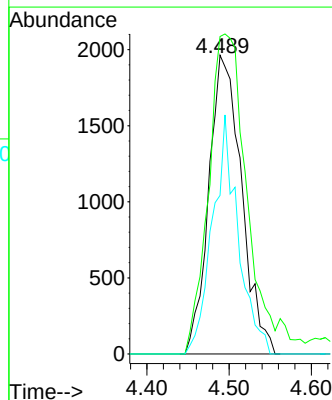
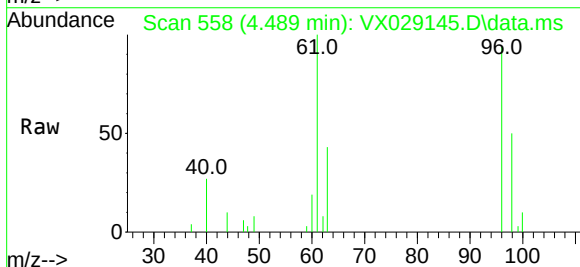
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 93.5  | 85.5  | 128.3 |
| 51  | 26.6  | 26.6  | 39.8  |
| 86  | 67.3  | 51.5  | 77.3  |

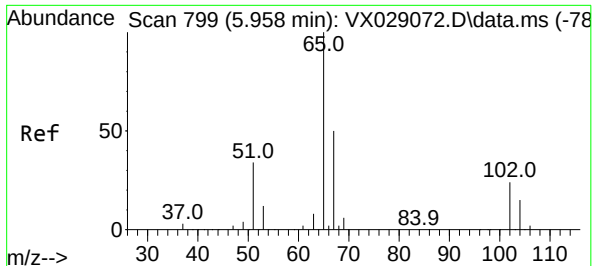


#27  
cis-1,2-Dichloroethene  
Concen: 1.466 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. -0.000 min  
Lab File: VX029145.D  
Acq: 02 Jun 2022 19:02

Tgt Ion: 96 Resp: 5430

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 127.6 | 0.0   | 283.8 |
| 98  | 62.5  | 0.0   | 129.8 |





#33

1,2-Dichloroethane-d4

Concen: 58.214 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029145.D

Acq: 02 Jun 2022 19:02

Instrument :

MSVOA\_X

ClientSampleId :

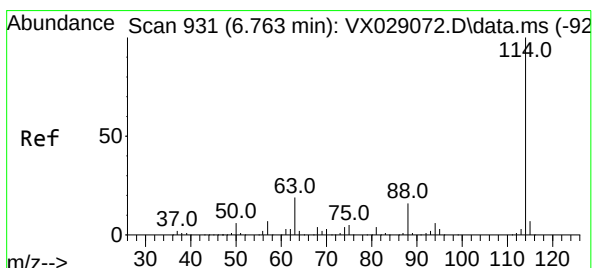
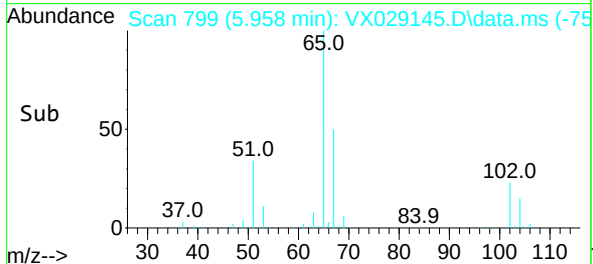
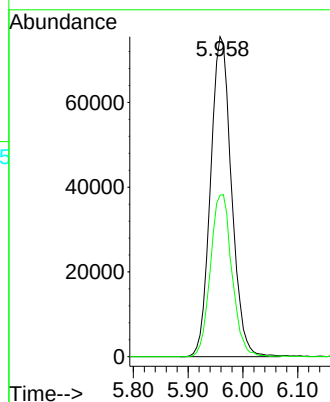
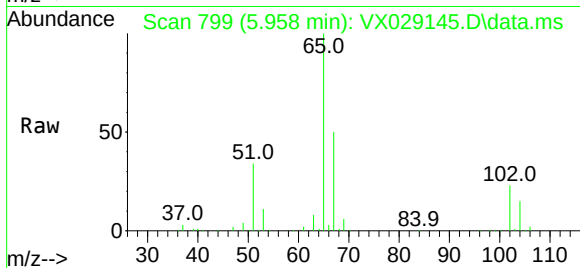
48BR-20220525DL

Tgt Ion: 65 Resp: 200453

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029145.D

Acq: 02 Jun 2022 19:02

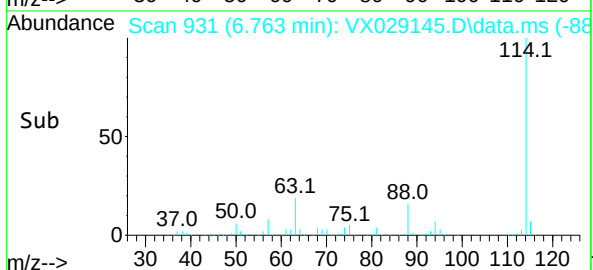
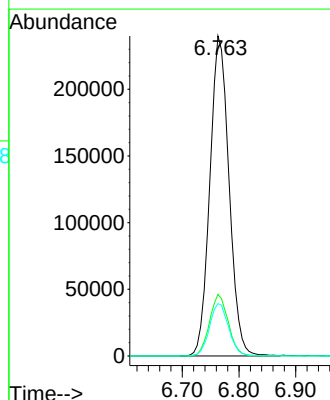
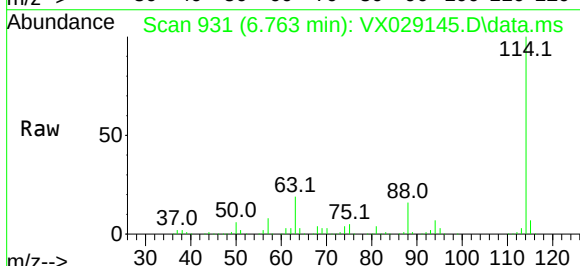
Tgt Ion: 114 Resp: 564309

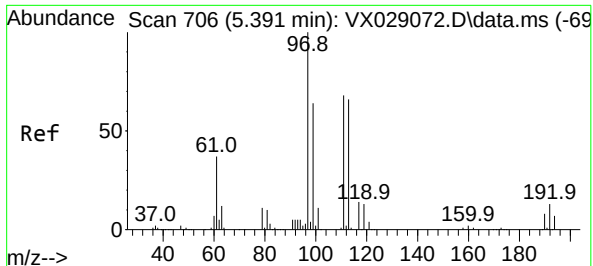
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.830 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029145.D

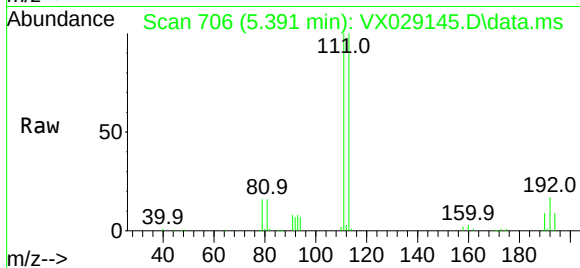
Acq: 02 Jun 2022 19:02

Instrument :

MSVOA\_X

ClientSampleId :

48BR-20220525DL



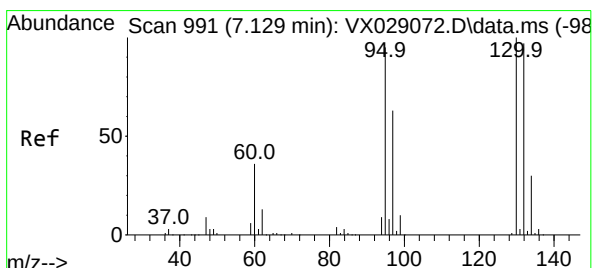
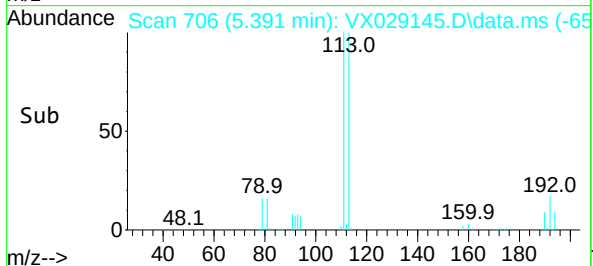
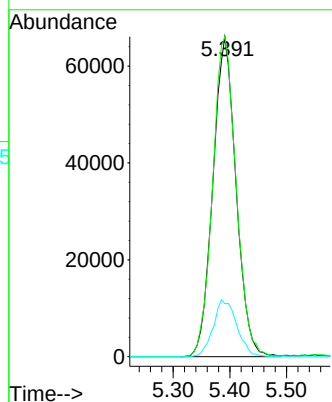
Tgt Ion:113 Resp: 186778

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

192 18.2 16.9 25.3



#44

Trichloroethene

Concen: 37.575 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029145.D

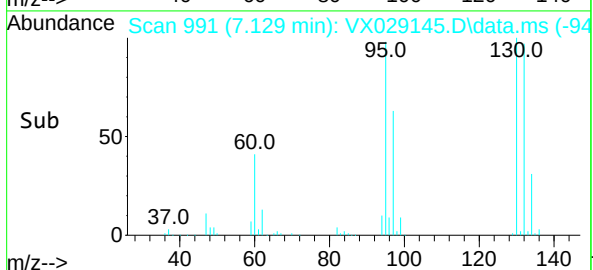
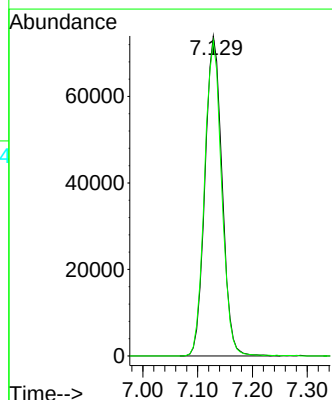
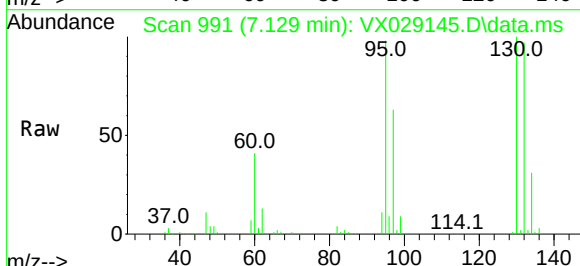
Acq: 02 Jun 2022 19:02

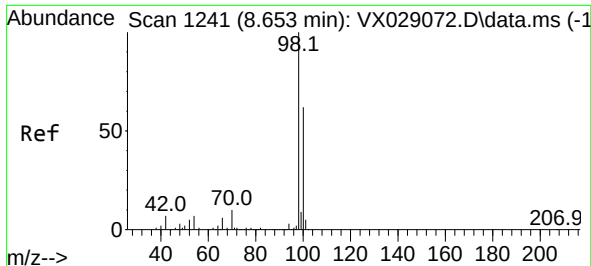
Tgt Ion:130 Resp: 159856

Ion Ratio Lower Upper

130 100

95 98.5 0.0 188.8

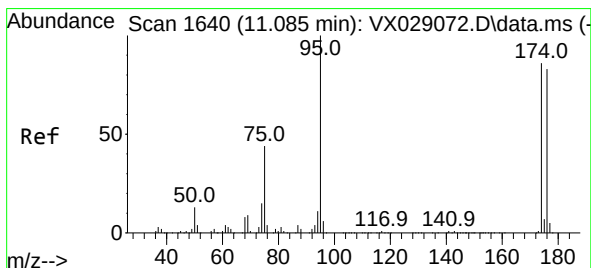
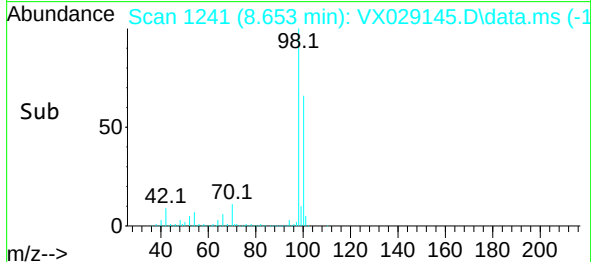
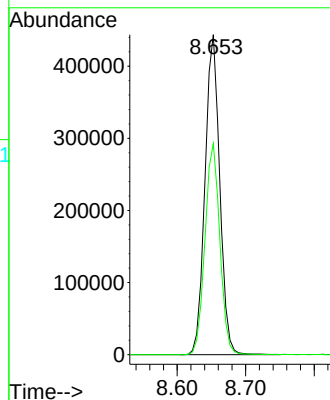
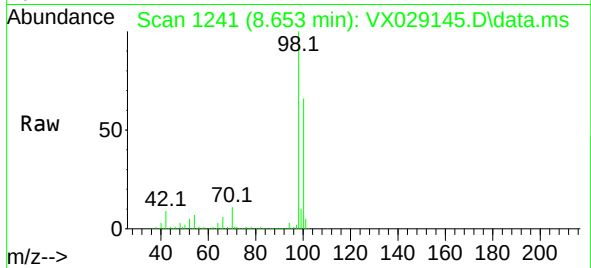




#50  
Toluene-d8  
Concen: 48.520 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX029145.D  
Acq: 02 Jun 2022 19:02

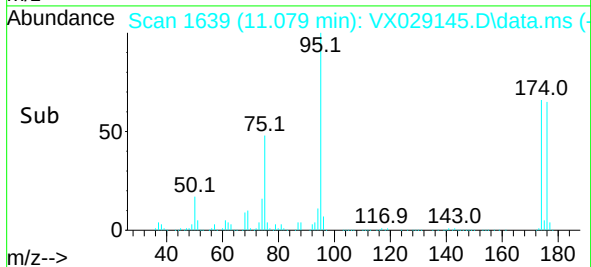
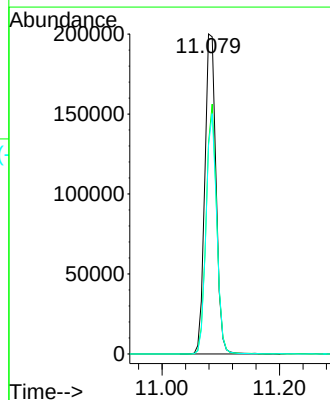
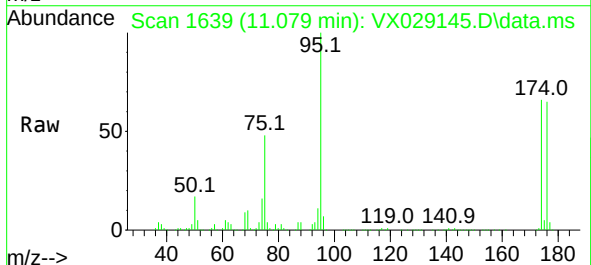
Instrument :  
MSVOA\_X  
ClientSampleId :  
48BR-20220525DL

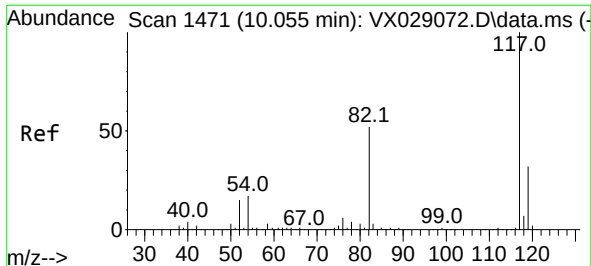
Tgt Ion: 98 Resp: 665162  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 49.975 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX029145.D  
Acq: 02 Jun 2022 19:02

Tgt Ion: 95 Resp: 264828  
Ion Ratio Lower Upper  
95 100  
174 73.4 0.0 163.0  
176 71.6 0.0 155.0

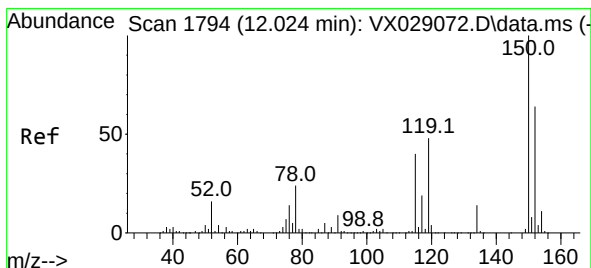
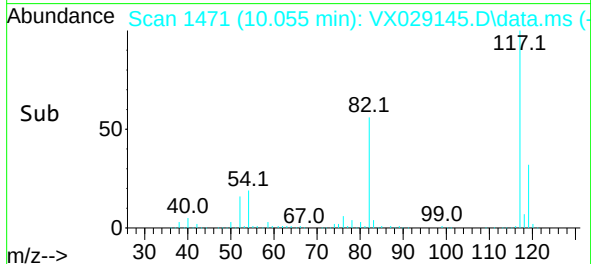
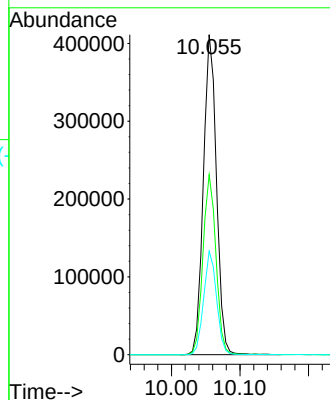
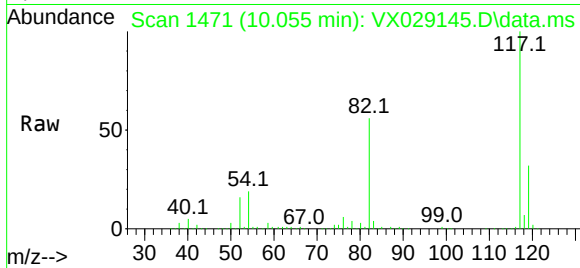




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX029145.D  
Acq: 02 Jun 2022 19:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
48BR-20220525DL

Tgt Ion:117 Resp: 547792  
Ion Ratio Lower Upper  
117 100  
82 56.2 41.8 62.8  
119 32.3 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX029145.D  
Acq: 02 Jun 2022 19:02

Tgt Ion:152 Resp: 253823  
Ion Ratio Lower Upper  
152 100  
115 62.4 37.5 112.7  
150 157.2 0.0 338.2

