

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062122\  
 Data File : VX029671.D  
 Acq On : 21 Jun 2022 18:53  
 Operator : JC/MD  
 Sample : N3342-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-TT-MW149S1-230-232

Quant Time: Jun 22 01:12:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 20 01:31:01 2022  
 Response via : Initial Calibration

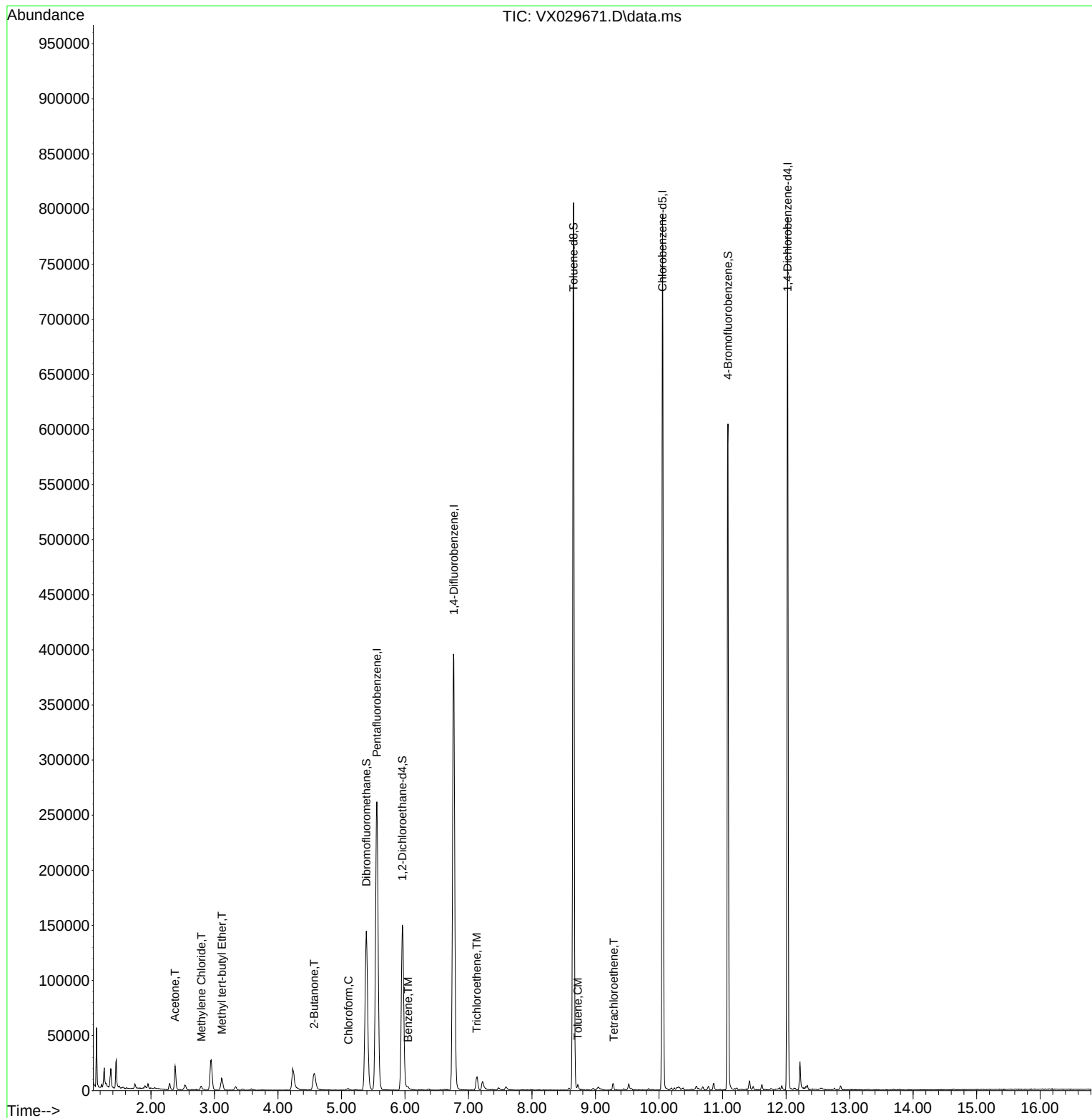
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 253996   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 430644   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 374174   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 165177   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 144281   | 42.913   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 85.820%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 128292   | 45.713   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 91.420%  |
| 50) Toluene-d8              | 8.653  | 98    | 484195   | 47.227   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 94.460%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 177334   | 45.866   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 91.740%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 22894    | 17.083   | ug/l   | 91       |
| 19) Methyl tert-butyl Ether | 3.117  | 73    | 11895    | 1.332    | ug/l # | 89       |
| 20) Methylene Chloride      | 2.794  | 84    | 1457     | 0.488    | ug/l # | 91       |
| 25) 2-Butanone              | 4.568  | 43    | 13004    | 6.139    | ug/l   | 96       |
| 30) Chloroform              | 5.111  | 83    | 1924     | 0.368    | ug/l # | 78       |
| 40) Benzene                 | 6.050  | 78    | 3026     | 0.269    | ug/l   | 99       |
| 44) Trichloroethene         | 7.129  | 130   | 5368     | 0.566    | ug/l   | 90       |
| 52) Toluene                 | 8.720  | 92    | 1500     | 0.208    | ug/l   | 96       |
| 64) Tetrachloroethene       | 9.287  | 164   | 1180     | 0.436    | ug/l # | 58       |
| -----                       |        |       |          |          |        |          |

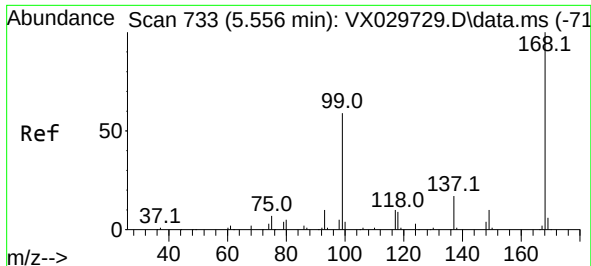
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-MW149S1-230-232

Quant Time: Jun 22 01:12:27 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 20 01:31:01 2022  
Response via : Initial Calibration

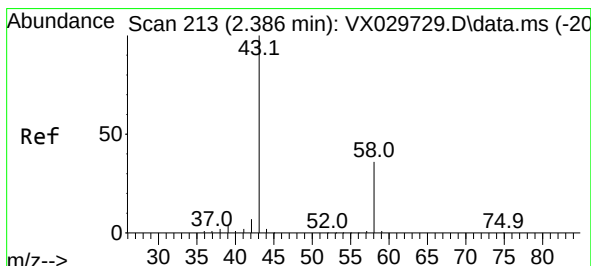
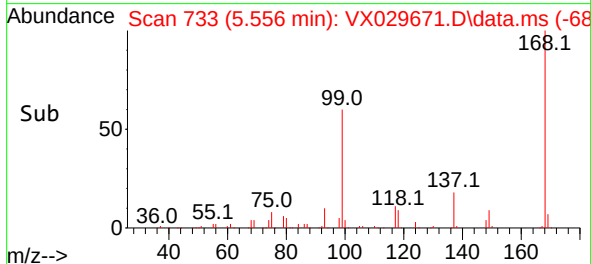
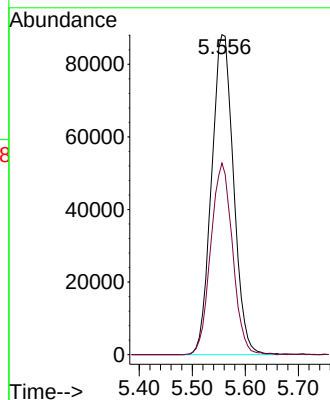
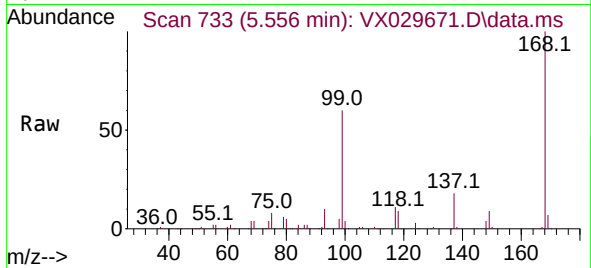




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

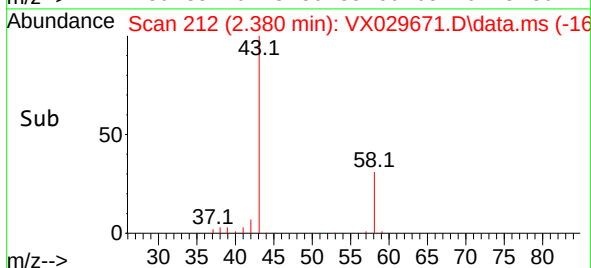
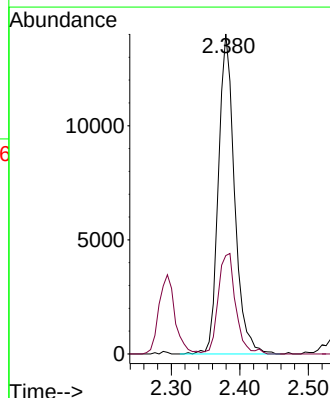
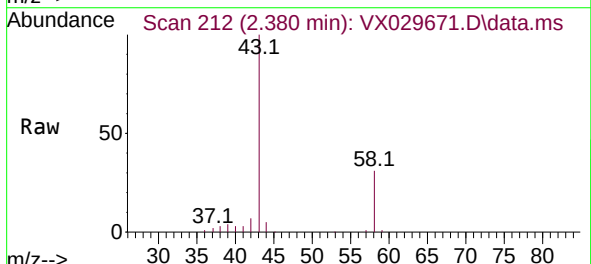
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-MW149S1-230-232

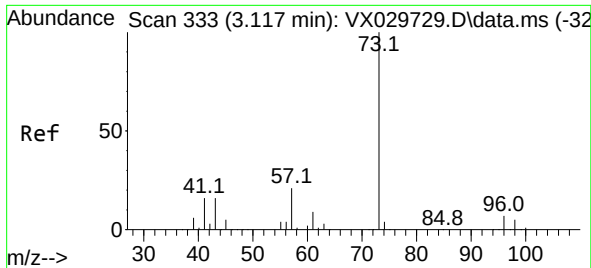
Tgt Ion:168 Resp: 253996  
Ion Ratio Lower Upper  
168 100  
99 59.8 41.7 62.5



#16  
Acetone  
Concen: 17.083 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

Tgt Ion: 43 Resp: 22894  
Ion Ratio Lower Upper  
43 100  
58 30.7 28.8 43.2

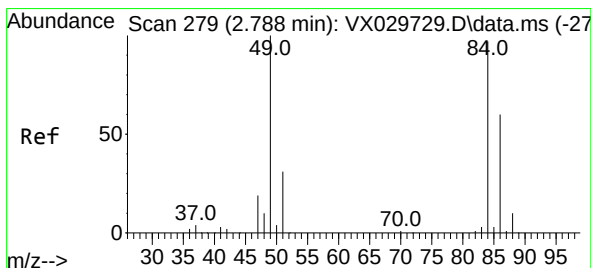
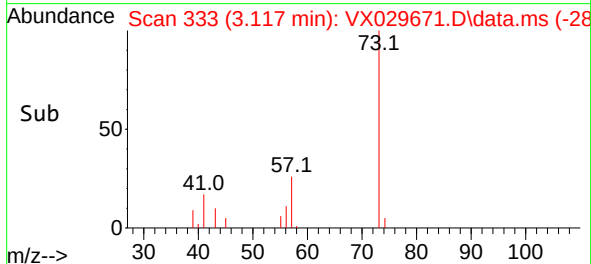
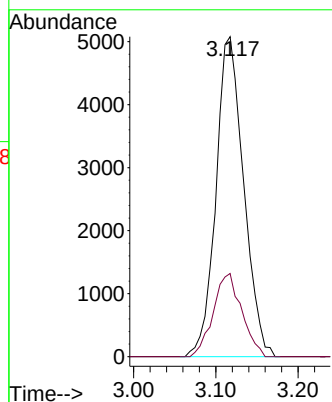
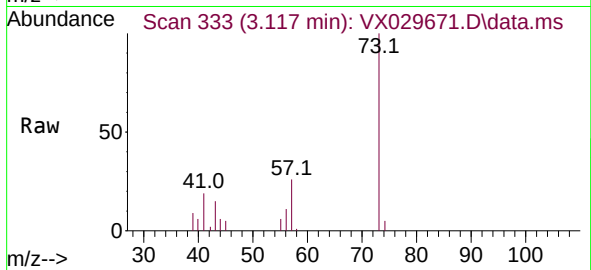




#19  
Methyl tert-butyl Ether  
Concen: 1.332 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

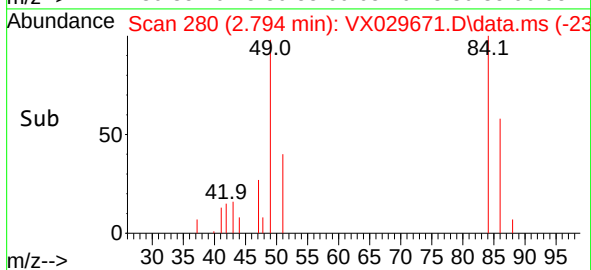
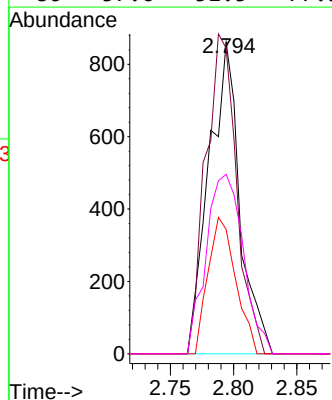
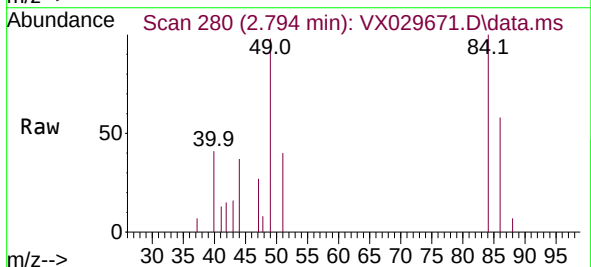
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-MW149S1-230-232

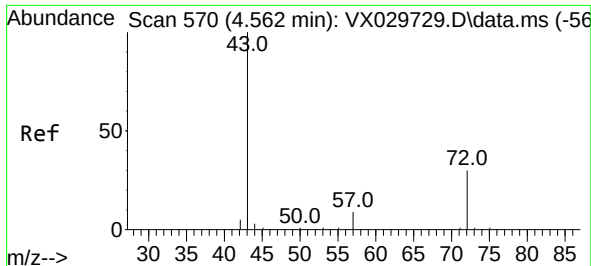
Tgt Ion: 73 Resp: 11895  
Ion Ratio Lower Upper  
73 100  
57 26.0 16.8 25.2#



#20  
Methylene Chloride  
Concen: 0.488 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

Tgt Ion: 84 Resp: 1457  
Ion Ratio Lower Upper  
84 100  
49 98.1 85.5 128.3  
51 40.0 26.6 39.8#  
86 57.6 51.5 77.3

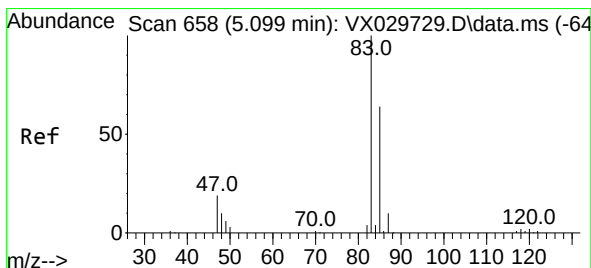
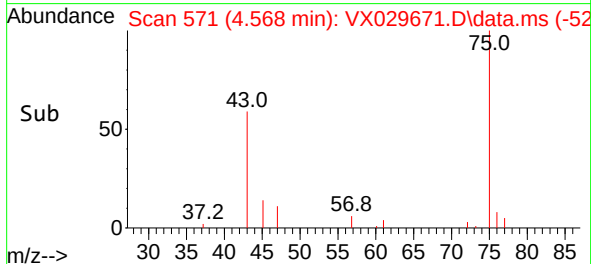
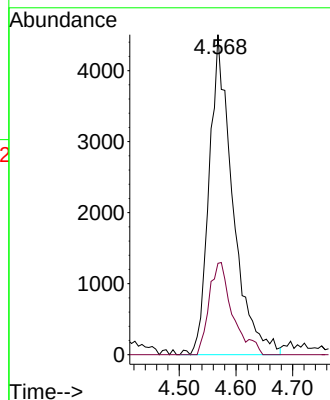
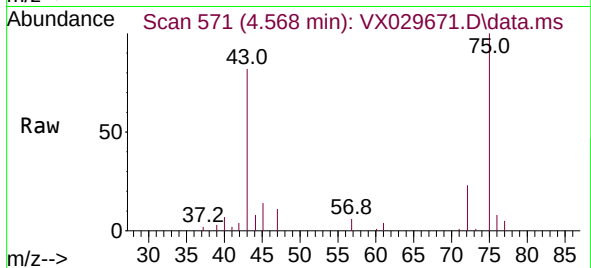




#25  
2-Butanone  
Concen: 6.139 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

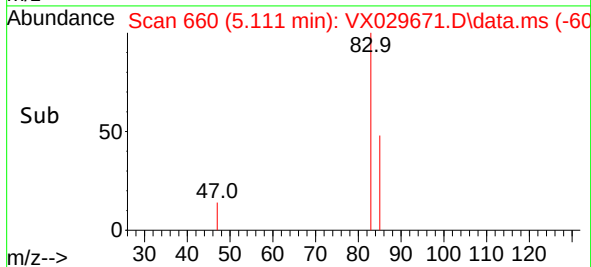
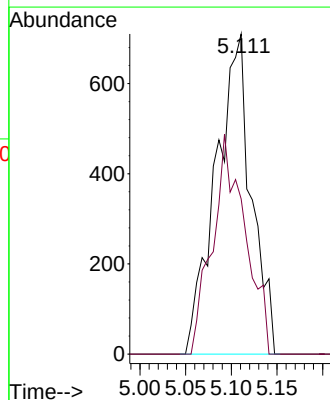
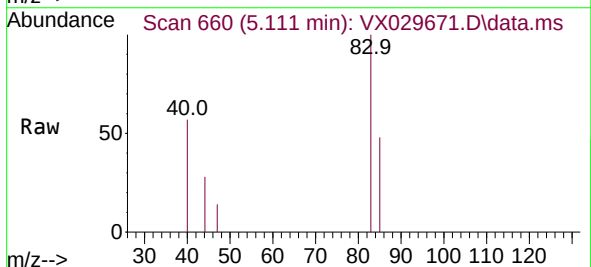
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-MW149S1-230-232

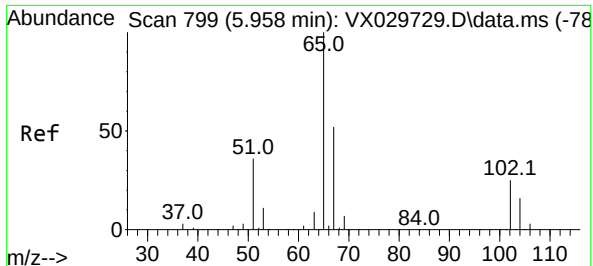
Tgt Ion: 43 Resp: 13004  
Ion Ratio Lower Upper  
43 100  
72 28.6 24.4 36.6



#30  
Chloroform  
Concen: 0.368 ug/l  
RT: 5.111 min Scan# 660  
Delta R.T. 0.012 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

Tgt Ion: 83 Resp: 1924  
Ion Ratio Lower Upper  
83 100  
85 48.5 52.7 79.1#





#33

1,2-Dichloroethane-d4

Concen: 42.913 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029671.D

Acq: 21 Jun 2022 18:53

Instrument :

MSVOA\_X

ClientSampleId :

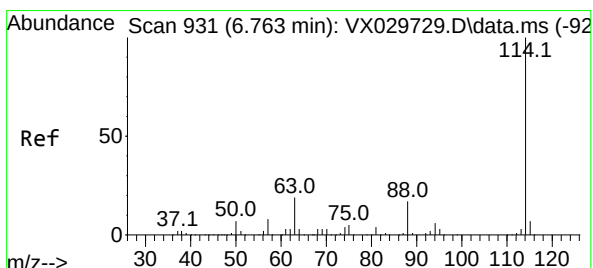
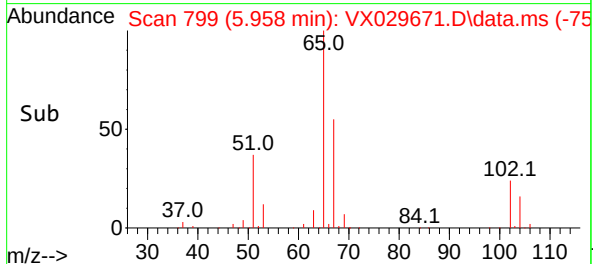
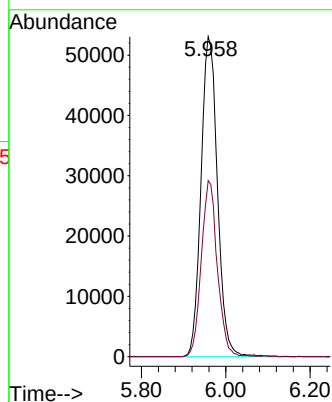
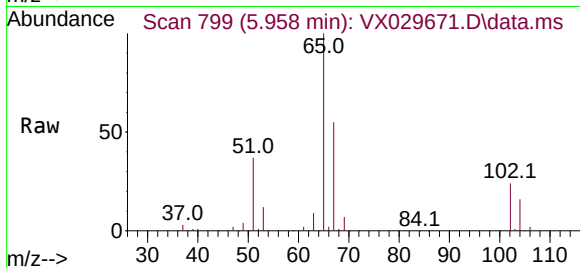
BP-TT-MW149S1-230-232

Tgt Ion: 65 Resp: 144281

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029671.D

Acq: 21 Jun 2022 18:53

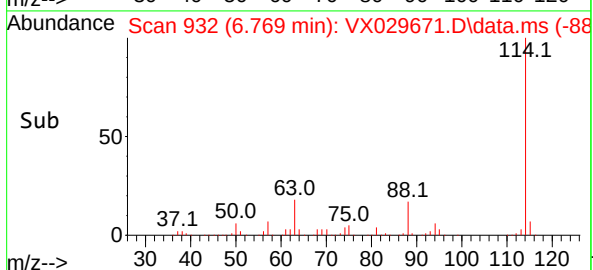
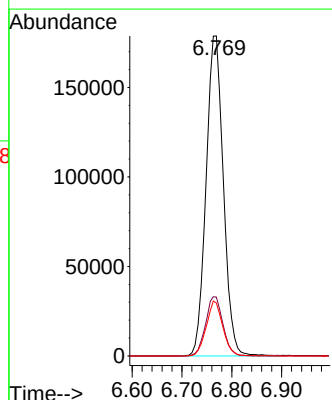
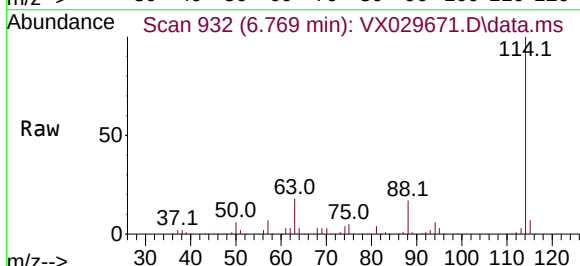
Tgt Ion: 114 Resp: 430644

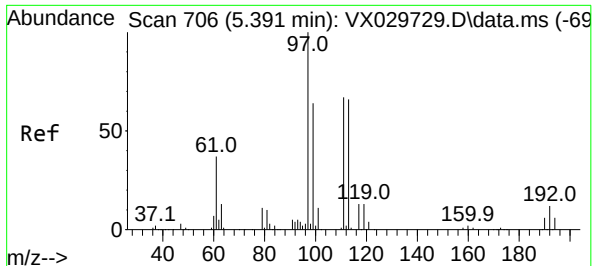
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 16.6 0.0 32.4

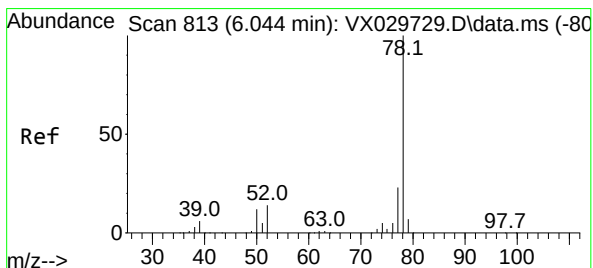
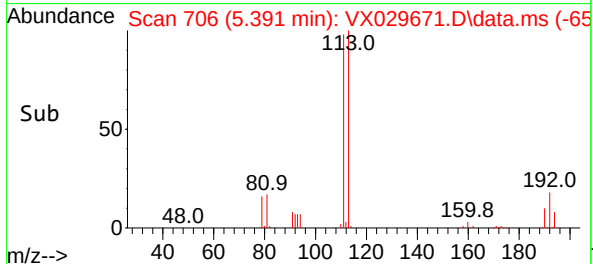
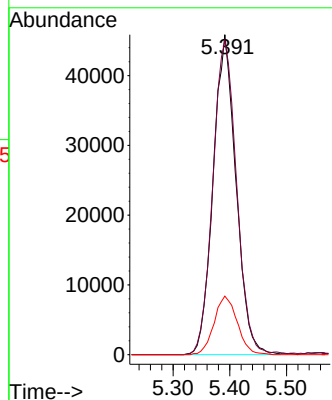
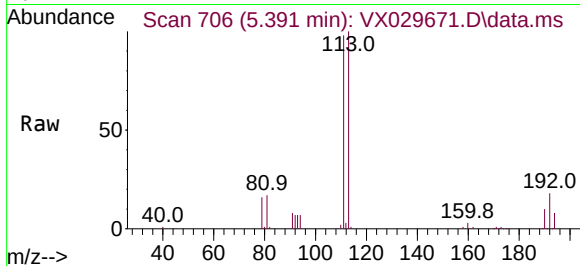




#35  
Dibromofluoromethane  
Concen: 45.713 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

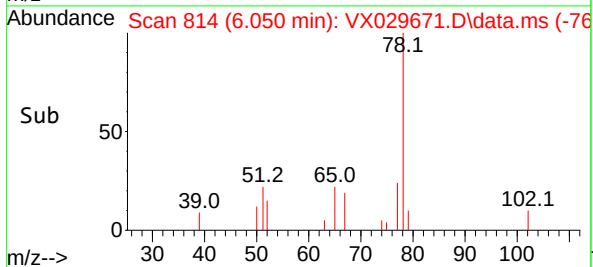
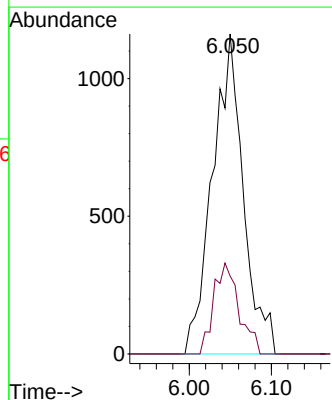
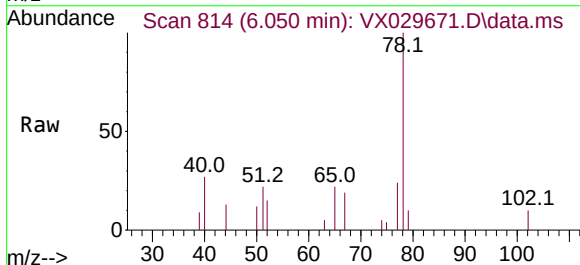
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-MW149S1-230-232

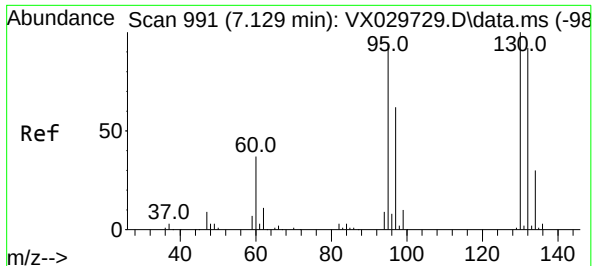
Tgt Ion:113 Resp: 128292  
Ion Ratio Lower Upper  
113 100  
111 101.8 82.8 124.2  
192 18.6 16.9 25.3



#40  
Benzene  
Concen: 0.269 ug/l  
RT: 6.050 min Scan# 814  
Delta R.T. 0.006 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

Tgt Ion: 78 Resp: 3026  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.3 28.9

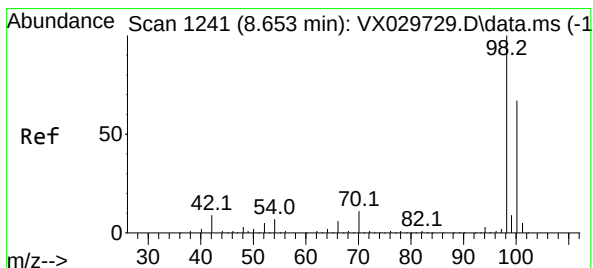
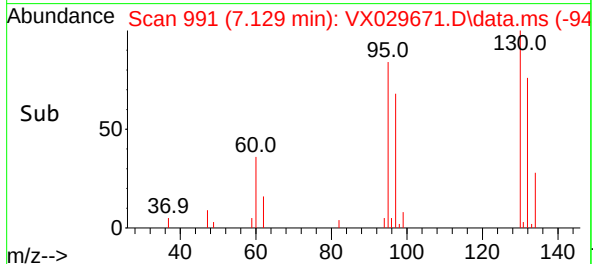
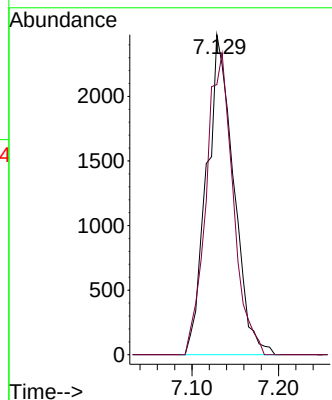
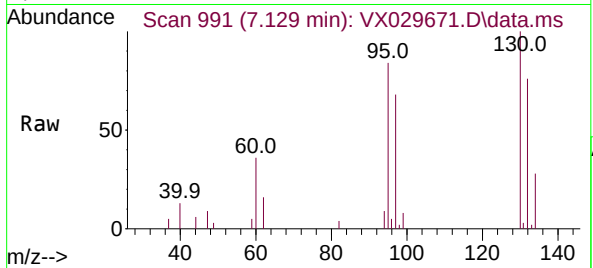




#44  
Trichloroethene  
Concen: 0.566 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

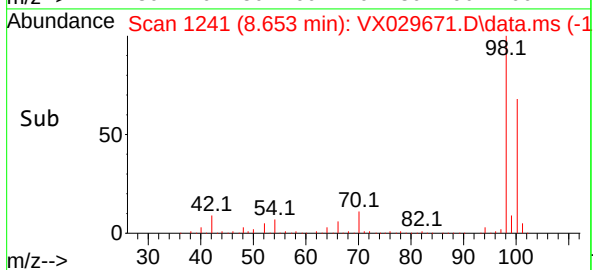
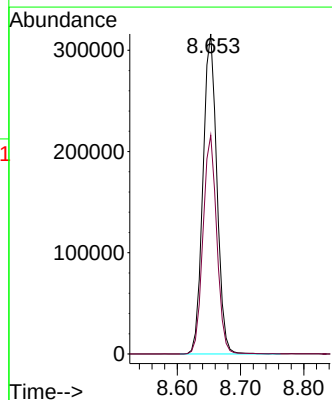
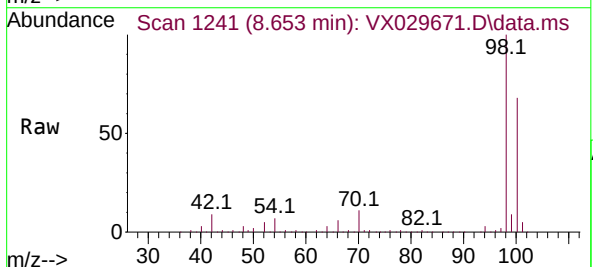
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-MW149S1-230-232

Tgt Ion:130 Resp: 5368  
Ion Ratio Lower Upper  
130 100  
95 84.4 0.0 188.8

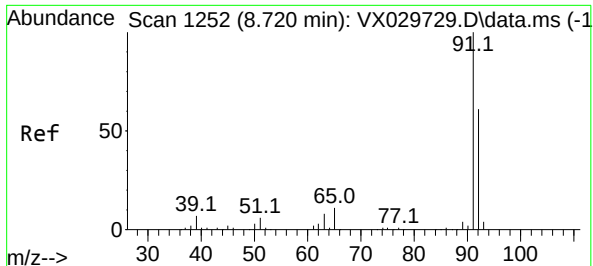


#50  
Toluene-d8  
Concen: 47.227 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

Tgt Ion: 98 Resp: 484195  
Ion Ratio Lower Upper  
98 100  
100 67.6 52.6 78.8



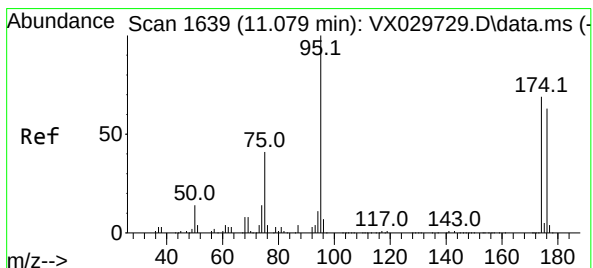
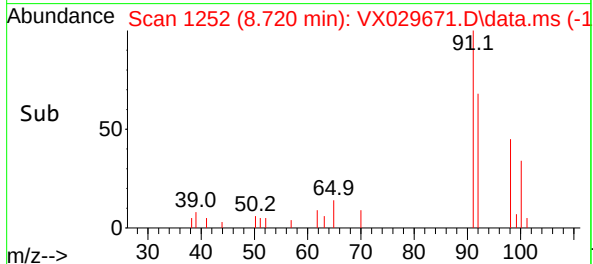
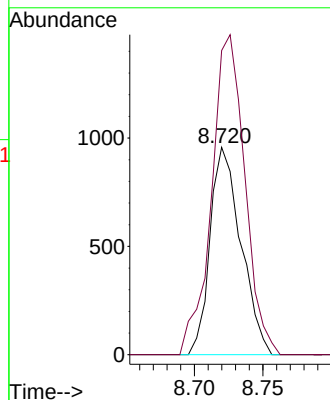
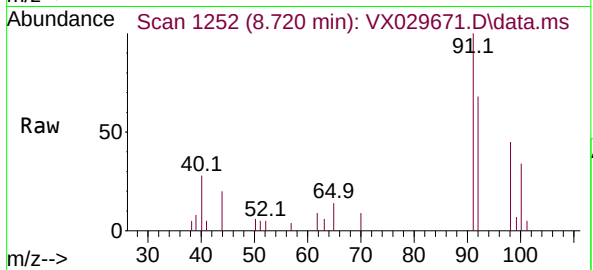




#52  
Toluene  
Concen: 0.208 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

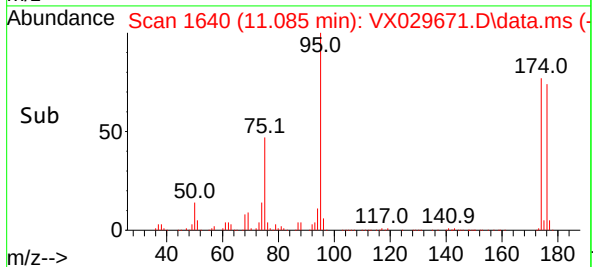
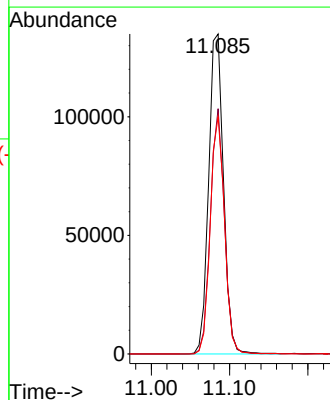
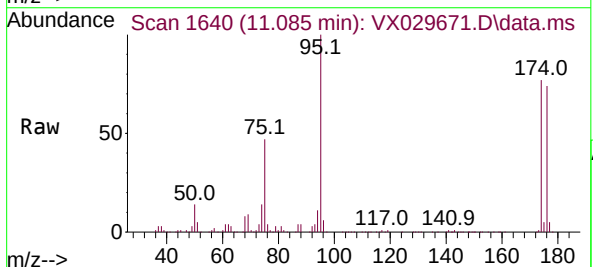
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-MW149S1-230-232

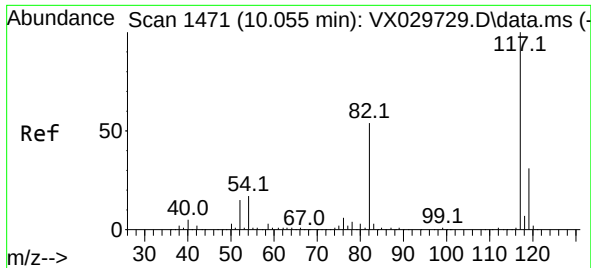
Tgt Ion: 92 Resp: 1500  
Ion Ratio Lower Upper  
92 100  
91 166.4 137.5 206.3



#62  
4-Bromofluorobenzene  
Concen: 45.866 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

Tgt Ion: 95 Resp: 177334  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 163.0  
176 71.1 0.0 155.0

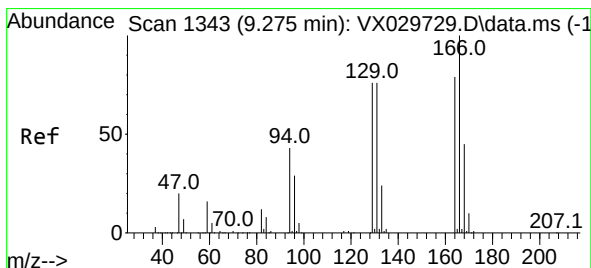
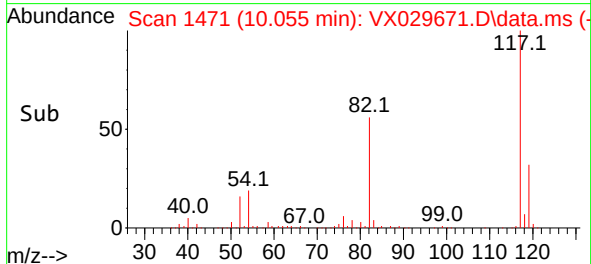
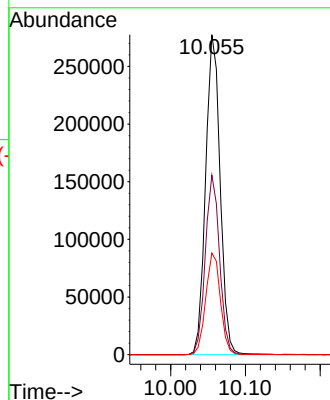
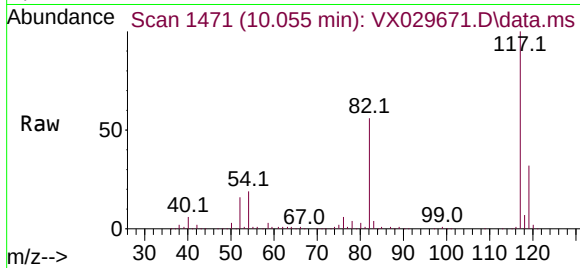




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

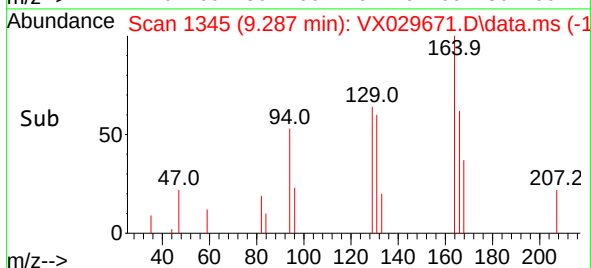
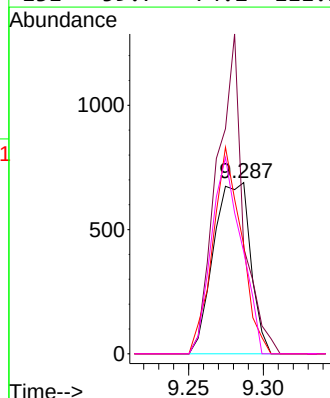
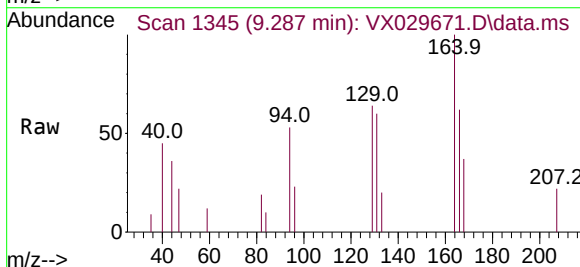
Instrument : MSVOA\_X  
ClientSampleId : BP-TT-MW149S1-230-232

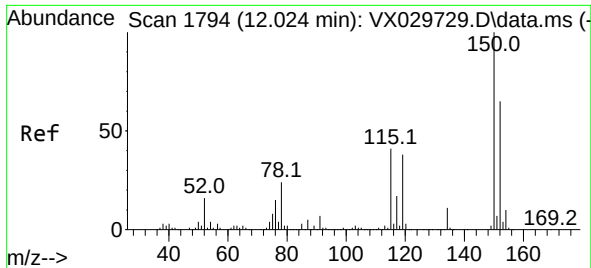
Tgt Ion:117 Resp: 374174  
Ion Ratio Lower Upper  
117 100  
82 56.1 41.8 62.8  
119 31.7 24.8 37.2



#64  
Tetrachloroethene  
Concen: 0.436 ug/l  
RT: 9.287 min Scan# 1345  
Delta R.T. 0.012 min  
Lab File: VX029671.D  
Acq: 21 Jun 2022 18:53

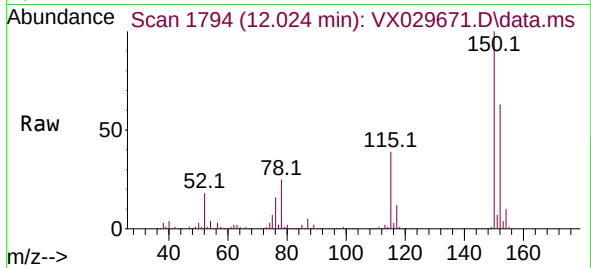
Tgt Ion:164 Resp: 1180  
Ion Ratio Lower Upper  
164 100  
166 61.8 101.2 151.8#  
129 63.7 73.0 109.4#  
131 59.7 74.2 111.2#





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX029671.D  
 Acq: 21 Jun 2022 18:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-TT-MW149S1-230-232



Tgt Ion:152 Resp: 165177  
 Ion Ratio Lower Upper  
 152 100  
 115 62.5 37.5 112.7  
 150 158.4 0.0 338.2

