

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072723\  
 Data File : VX036688.D  
 Acq On : 27 Jul 2023 19:55  
 Operator : JC/MD  
 Sample : 03811-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 22-MW-2I

Quant Time: Jul 28 06:16:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

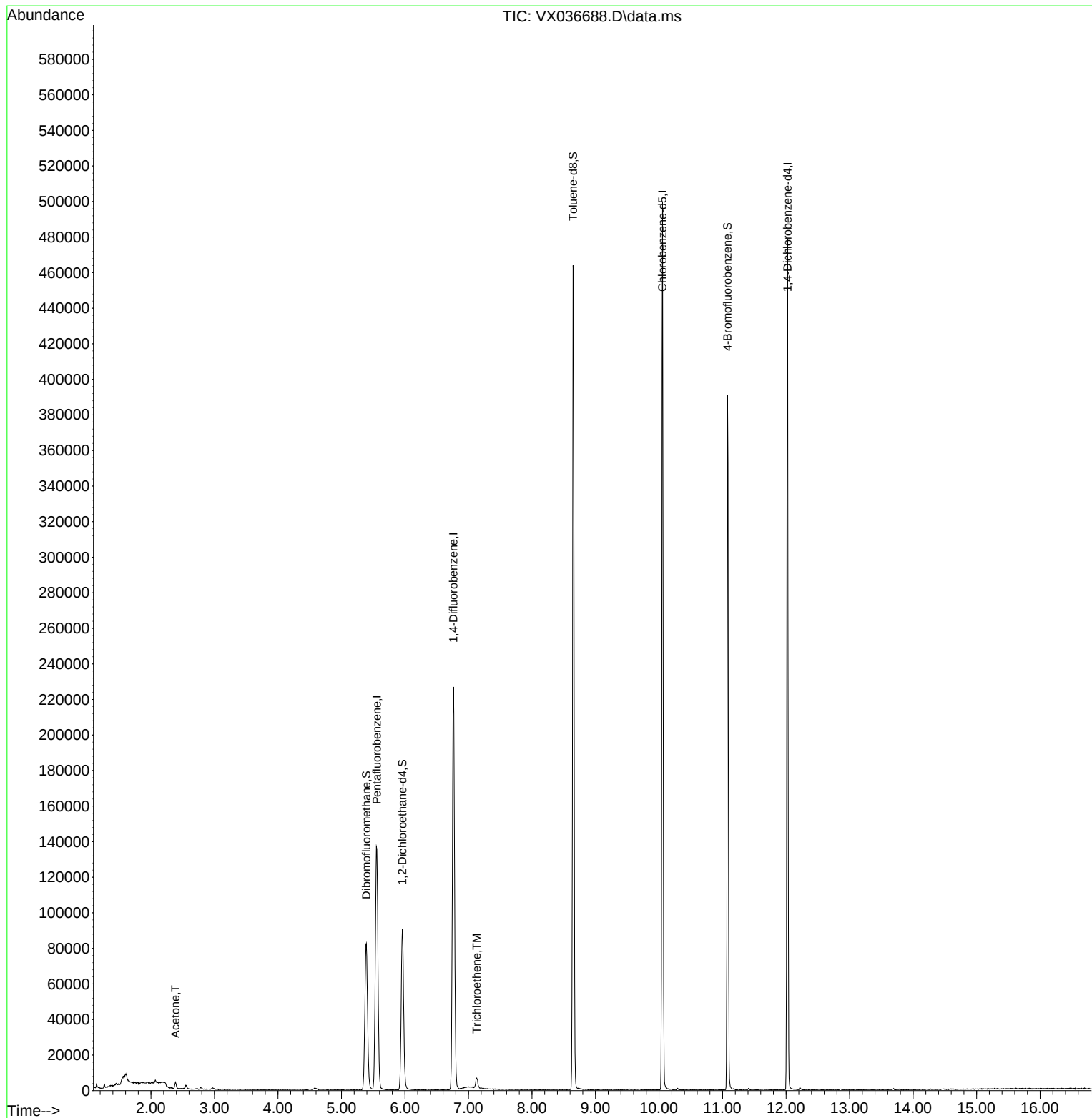
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 129113   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 234249   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 217000   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 98311    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 87148    | 45.617   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 91.240%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 73622    | 45.725   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 91.460%  |
| 50) Toluene-d8              | 8.647  | 98    | 282149   | 49.415   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 98.840%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 105770   | 49.099   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 98.200%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 3664     | 4.622    | ug/l   | 94       |
| 44) Trichloroethene         | 7.129  | 130   | 2193     | 1.202    | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

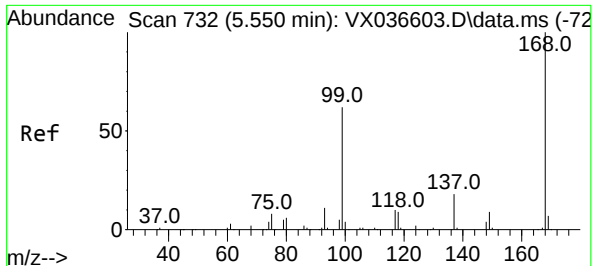
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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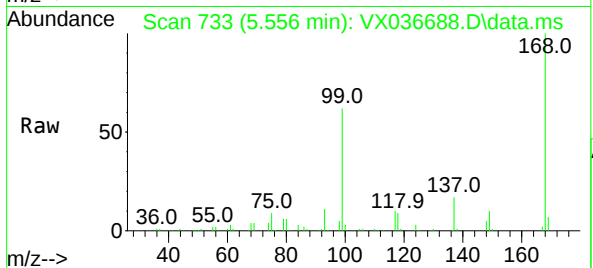
Quant Time: Jul 28 06:16:56 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 21 12:14:12 2023  
Response via : Initial Calibration



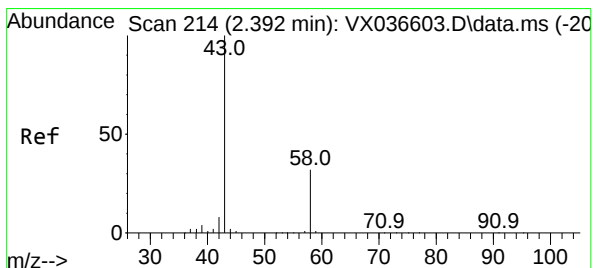
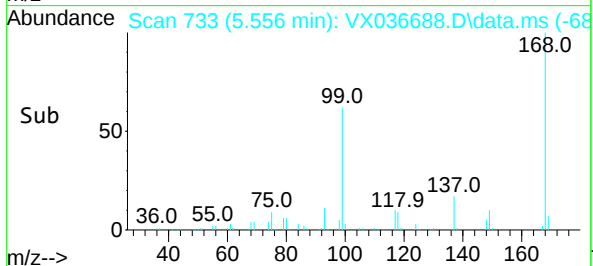
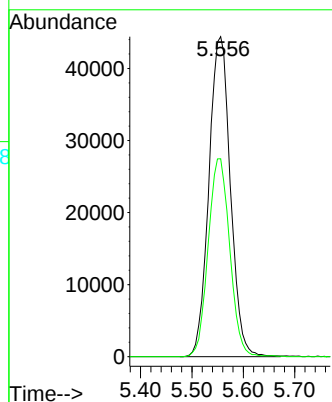


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX036688.D  
Acq: 27 Jul 2023 19:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
22-MW-2I

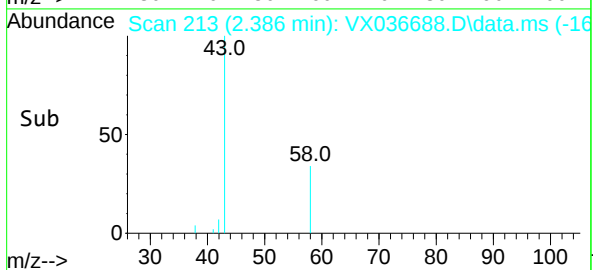
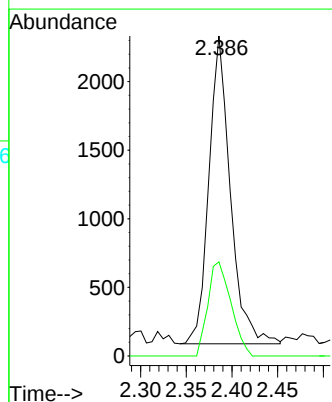
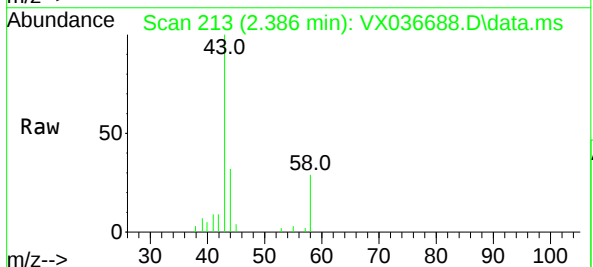


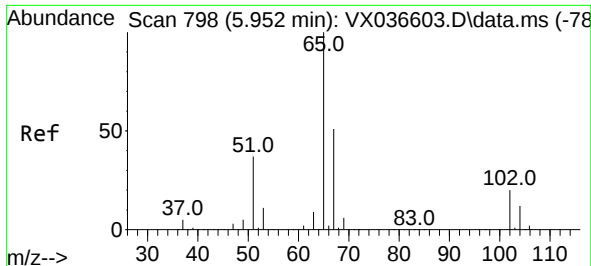
Tgt Ion:168 Resp: 129113  
Ion Ratio Lower Upper  
168 100  
99 61.8 56.6 85.0



#16  
Acetone  
Concen: 4.622 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX036688.D  
Acq: 27 Jul 2023 19:55

Tgt Ion: 43 Resp: 3664  
Ion Ratio Lower Upper  
43 100  
58 30.6 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 45.617 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036688.D

Acq: 27 Jul 2023 19:55

Instrument :

MSVOA\_X

ClientSampleId :

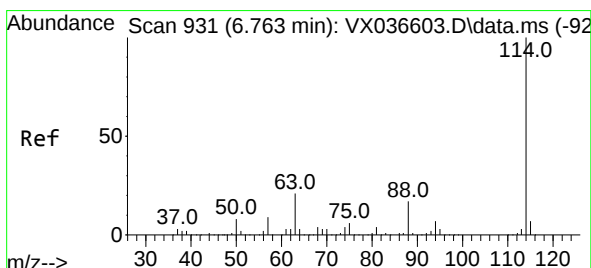
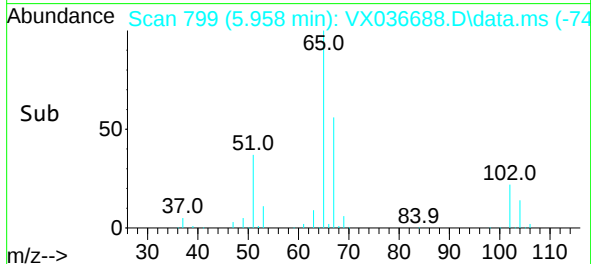
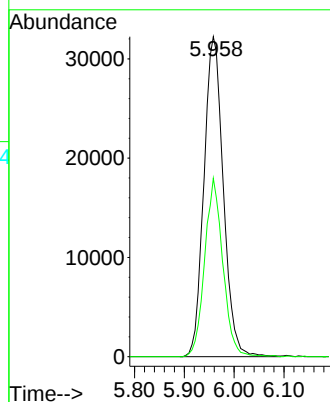
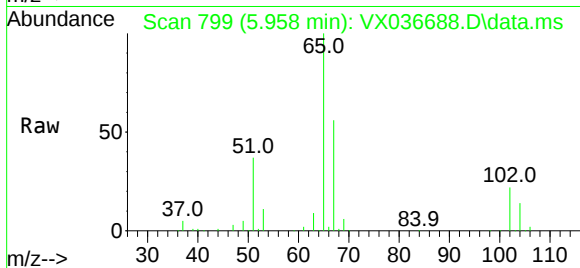
22-MW-2I

Tgt Ion: 65 Resp: 87148

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036688.D

Acq: 27 Jul 2023 19:55

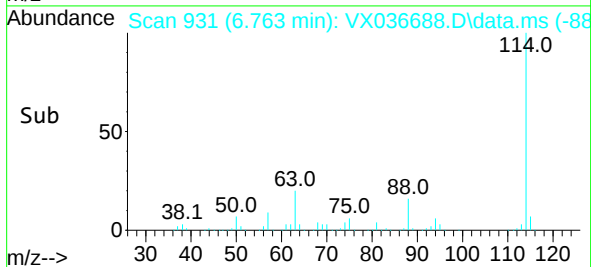
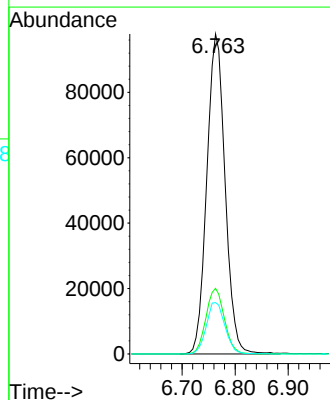
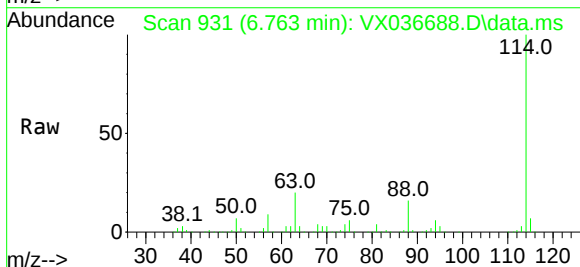
Tgt Ion: 114 Resp: 234249

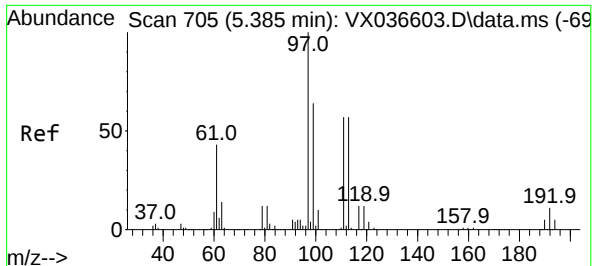
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.725 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036688.D

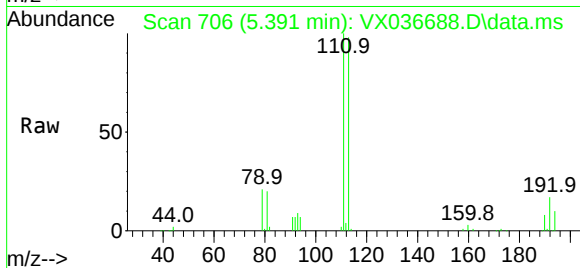
Acq: 27 Jul 2023 19:55

Instrument :

MSVOA\_X

ClientSampleId :

22-MW-2I



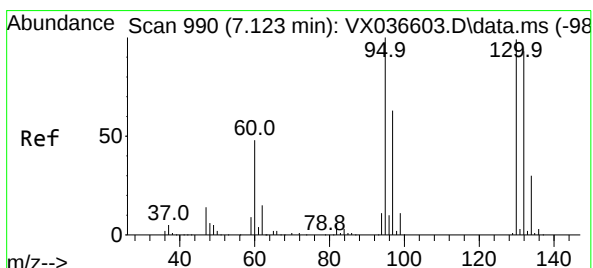
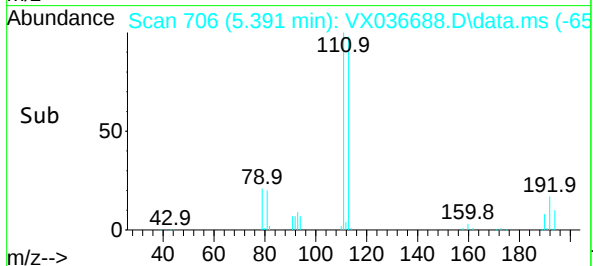
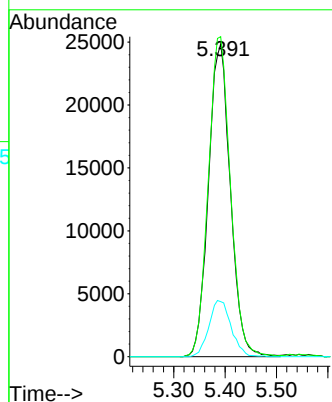
Tgt Ion:113 Resp: 73622

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 18.2 13.3 19.9



#44

Trichloroethene

Concen: 1.202 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX036688.D

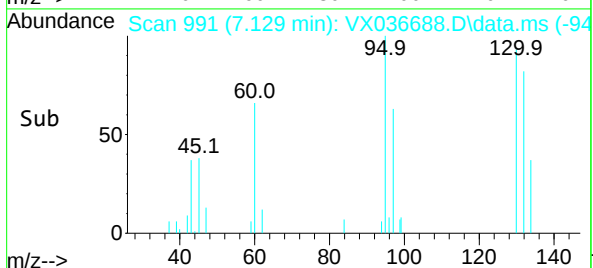
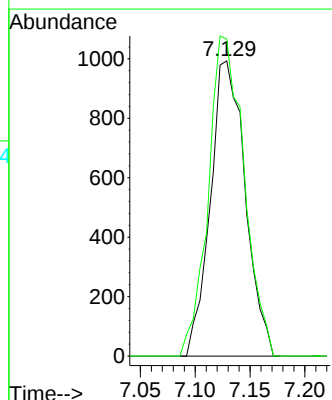
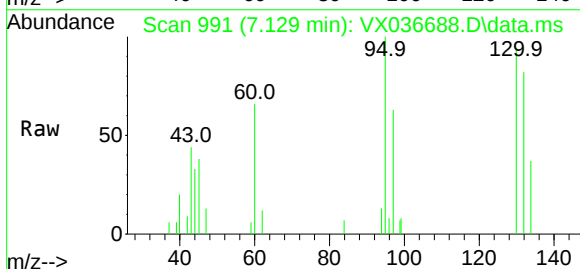
Acq: 27 Jul 2023 19:55

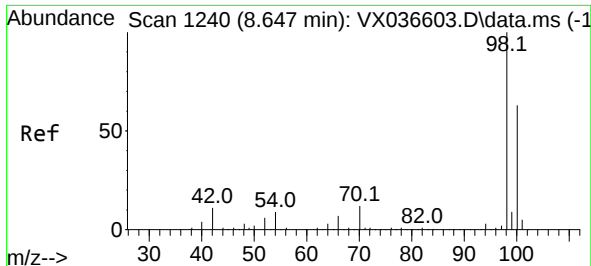
Tgt Ion:130 Resp: 2193

Ion Ratio Lower Upper

130 100

95 107.4 0.0 204.4

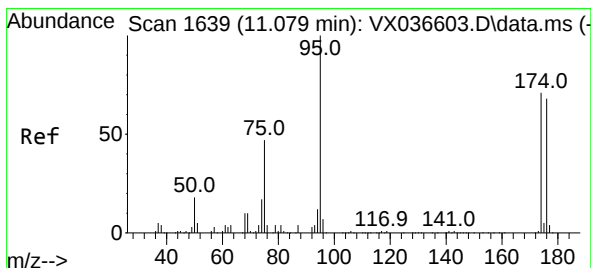
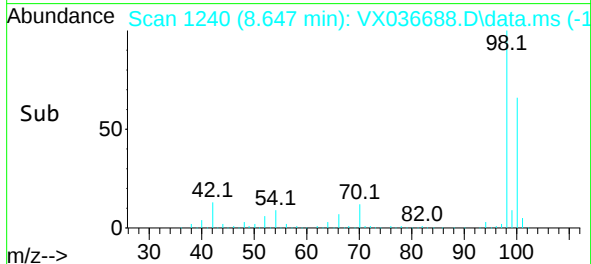
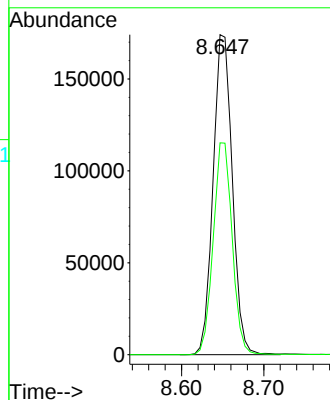
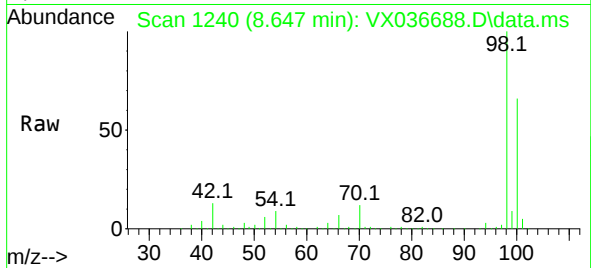




#50  
Toluene-d8  
Concen: 49.415 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX036688.D  
Acq: 27 Jul 2023 19:55

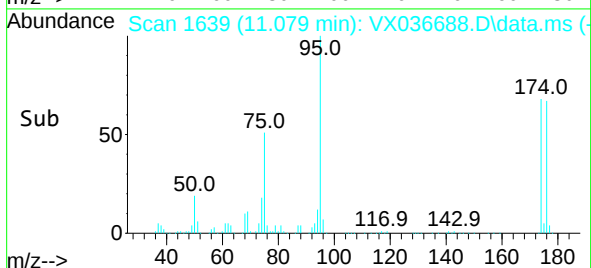
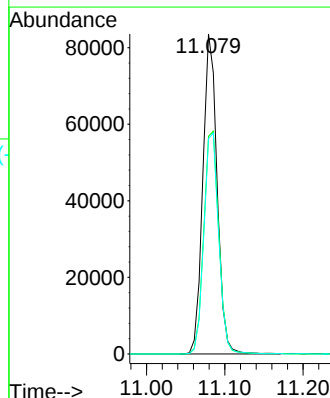
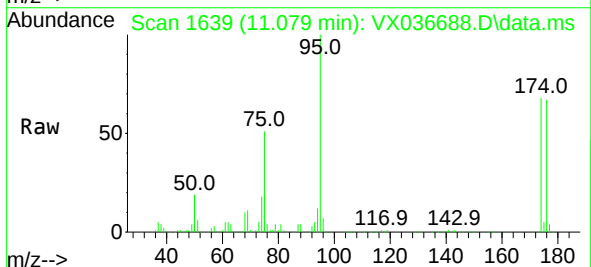
Instrument :  
MSVOA\_X  
ClientSampleId :  
22-MW-2I

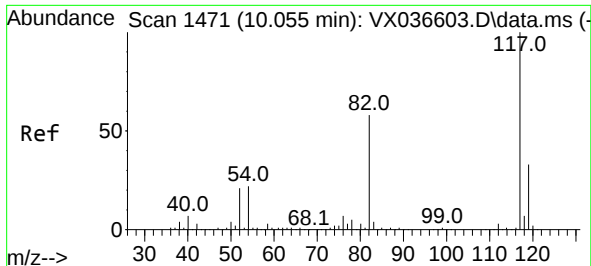
Tgt Ion: 98 Resp: 282149  
Ion Ratio Lower Upper  
98 100  
100 65.8 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 49.099 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX036688.D  
Acq: 27 Jul 2023 19:55

Tgt Ion: 95 Resp: 105770  
Ion Ratio Lower Upper  
95 100  
174 73.2 0.0 135.6  
176 71.7 0.0 131.0

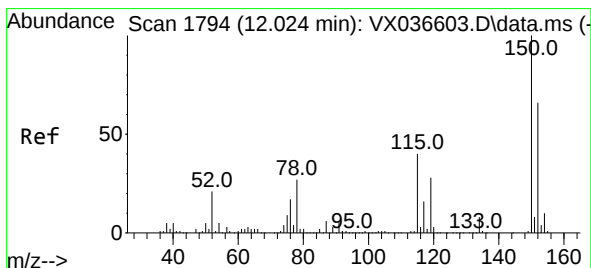
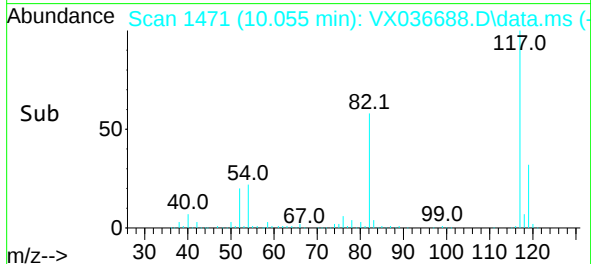
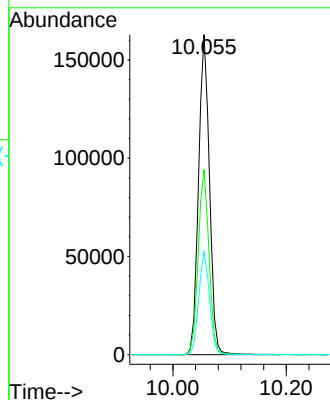
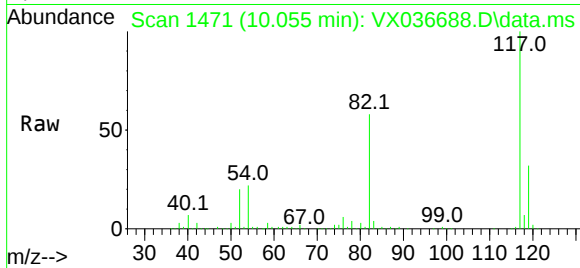




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX036688.D  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
22-MW-2I

Tgt Ion:117 Resp: 217000  
Ion Ratio Lower Upper  
117 100  
82 57.9 46.2 69.4  
119 32.2 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX036688.D  
Acq: 27 Jul 2023 19:55

Tgt Ion:152 Resp: 98311  
Ion Ratio Lower Upper  
152 100  
115 61.8 43.3 129.9  
150 156.1 0.0 345.0

