

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042723\  
 Data File : VX035338.D  
 Acq On : 27 Apr 2023 14:01  
 Operator : JC/MD  
 Sample : 02494-01 200X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-22

Quant Time: Apr 28 05:05:17 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 16:31:40 2023  
 Response via : Initial Calibration

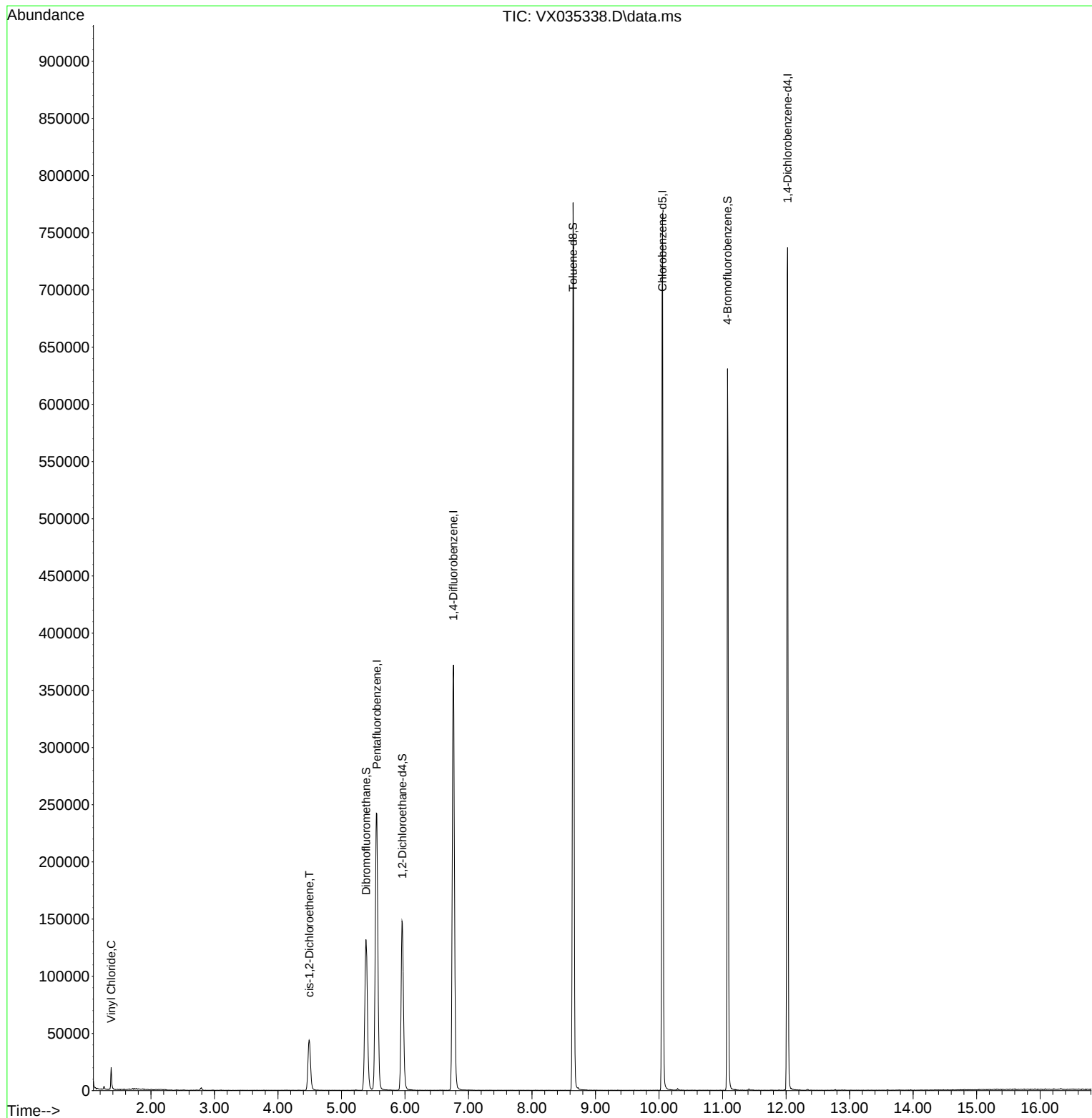
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 243048   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 394685   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 356651   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 163105   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 142341   | 48.544   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 97.080%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 119478   | 49.321   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 98.640%  |
| 50) Toluene-d8              | 8.647  | 98    | 465966   | 50.990   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 101.980% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 174769   | 50.839   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 101.680% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 4) Vinyl Chloride           | 1.374  | 62    | 11828    | 5.041    | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene  | 4.495  | 96    | 30147    | 10.004   | ug/l   | 85       |
| -----                       |        |       |          |          |        |          |

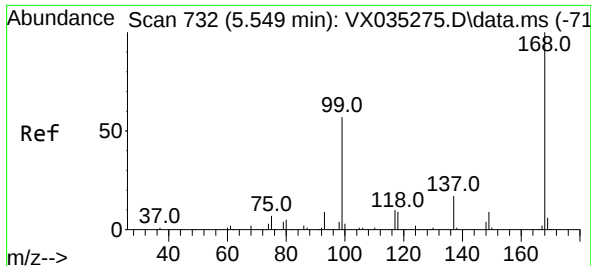
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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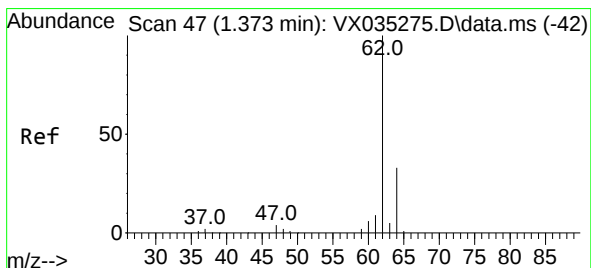
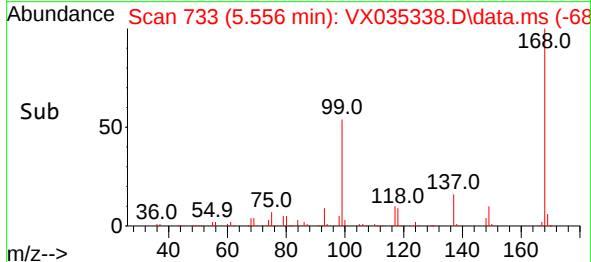
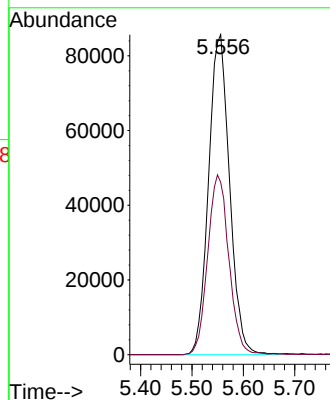
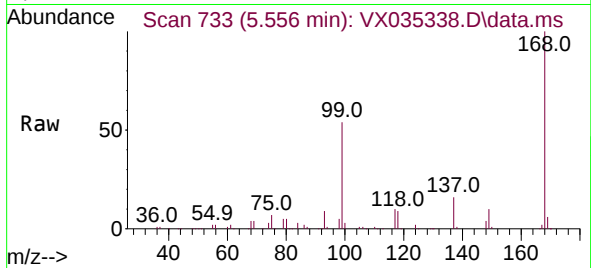




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX035338.D  
Acq: 27 Apr 2023 14:01

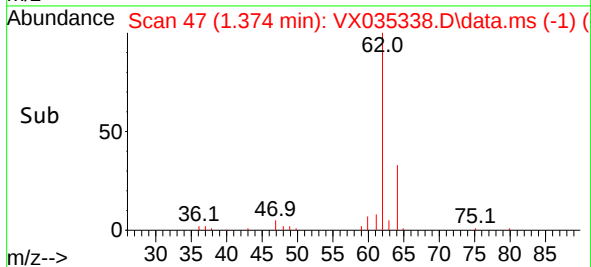
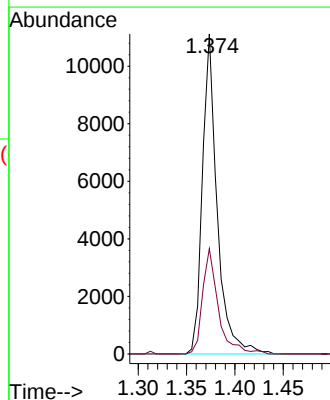
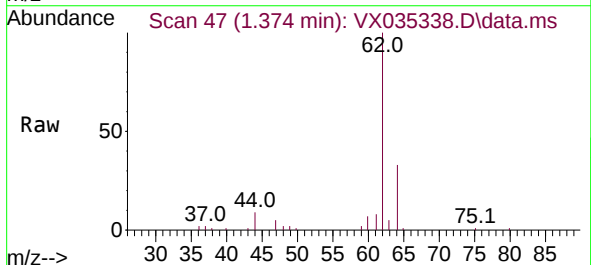
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-22

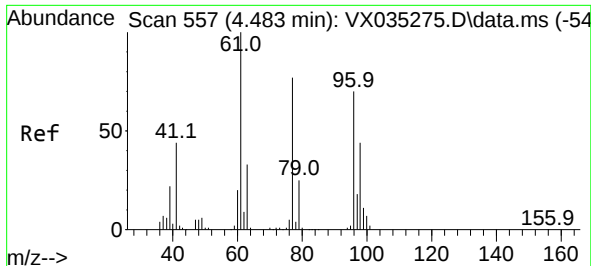
Tgt Ion:168 Resp: 243048  
Ion Ratio Lower Upper  
168 100  
99 53.8 45.7 68.5



#4  
Vinyl Chloride  
Concen: 5.041 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.001 min  
Lab File: VX035338.D  
Acq: 27 Apr 2023 14:01

Tgt Ion: 62 Resp: 11828  
Ion Ratio Lower Upper  
62 100  
64 32.9 26.4 39.6





#27

cis-1,2-Dichloroethene

Concen: 10.004 ug/l

RT: 4.495 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX035338.D

Acq: 27 Apr 2023 14:01

Instrument :

MSVOA\_X

ClientSampleId :

MW-22

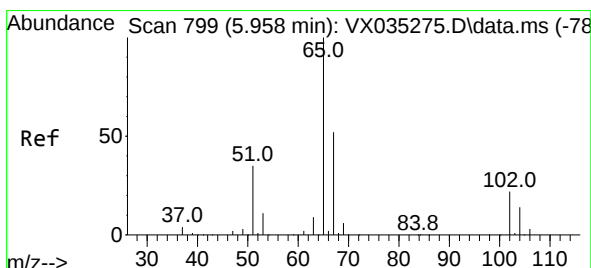
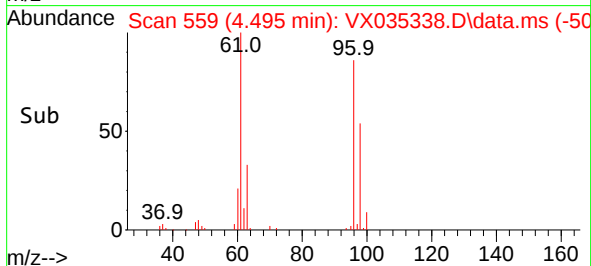
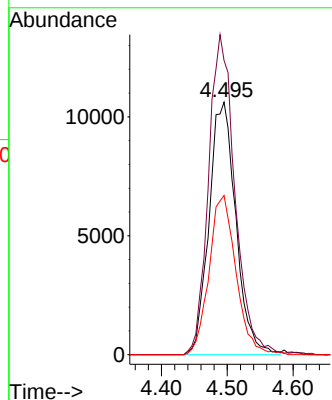
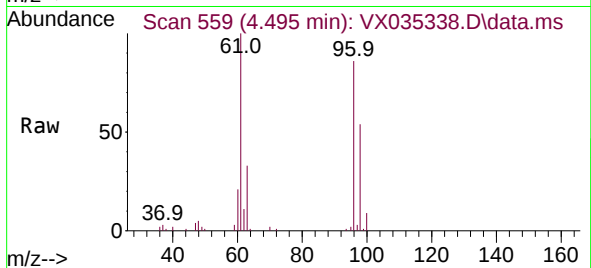
Tgt Ion: 96 Resp: 30147

Ion Ratio Lower Upper

96 100

61 124.6 0.0 300.4

98 63.2 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 48.544 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035338.D

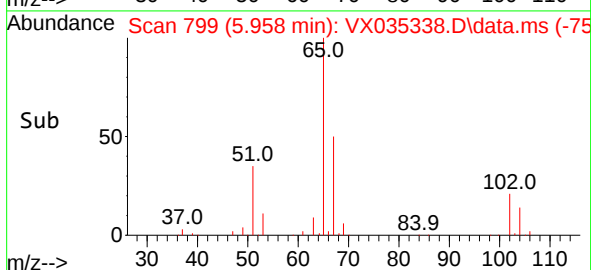
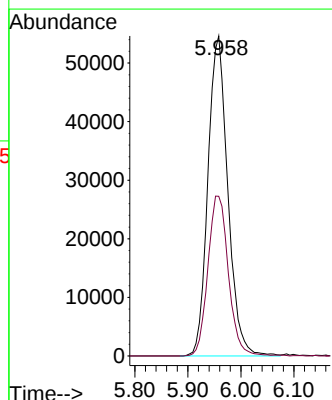
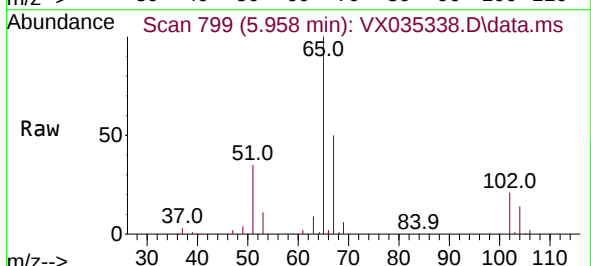
Acq: 27 Apr 2023 14:01

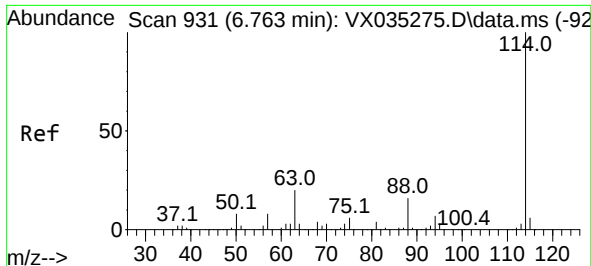
Tgt Ion: 65 Resp: 142341

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0

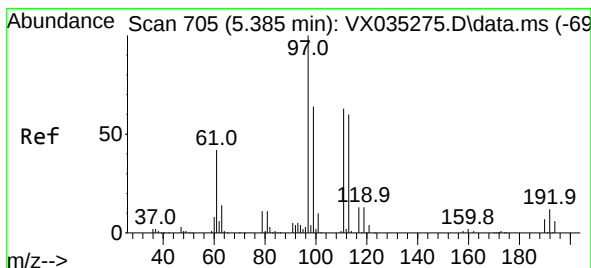
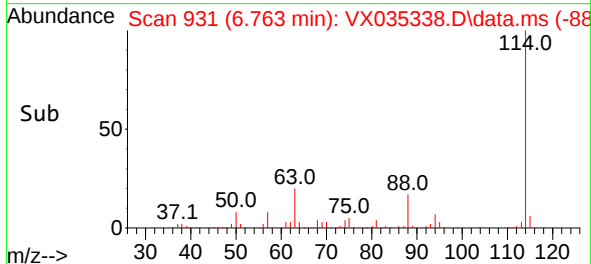
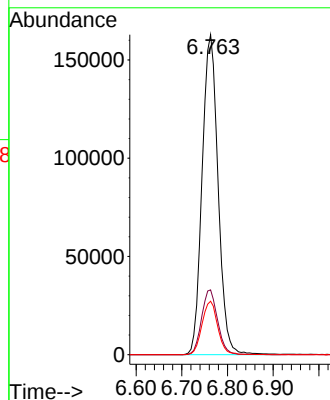
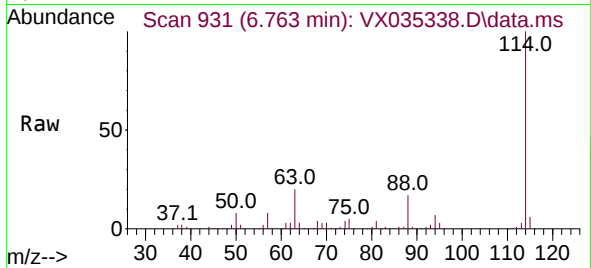




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX035338.D  
Acq: 27 Apr 2023 14:01

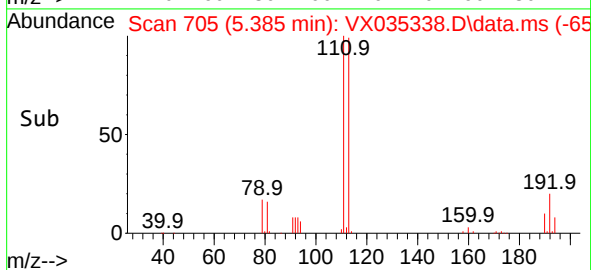
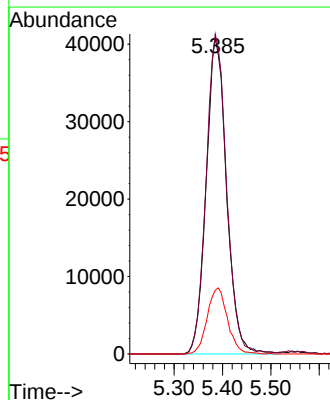
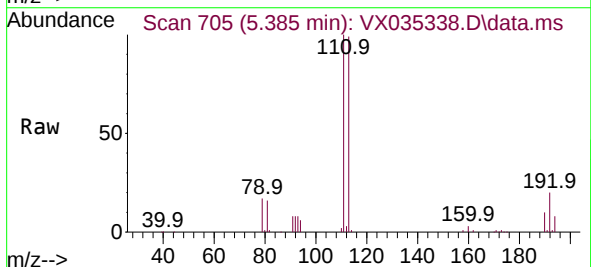
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MW-22

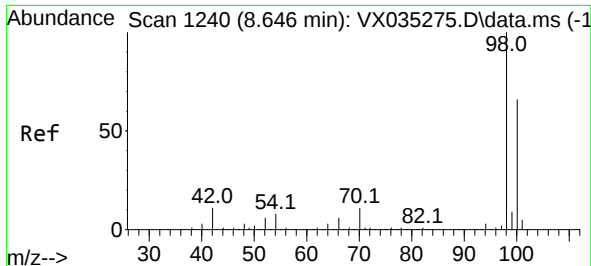
Tgt Ion:114 Resp: 394685  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 42.2  
88 16.7 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 49.321 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035338.D  
Acq: 27 Apr 2023 14:01

Tgt Ion:113 Resp: 119478  
Ion Ratio Lower Upper  
113 100  
111 101.7 83.7 125.5  
192 20.8 15.4 23.2

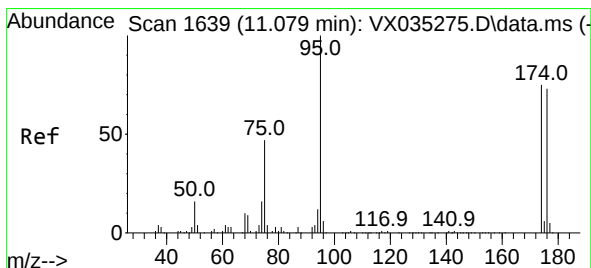
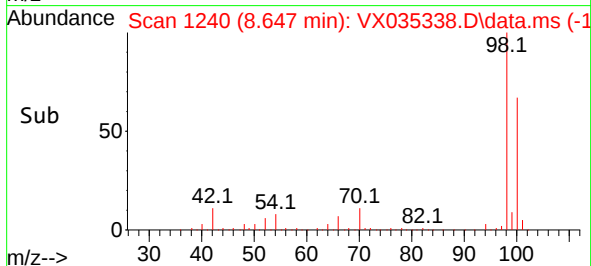
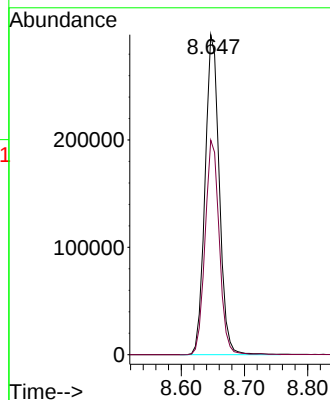
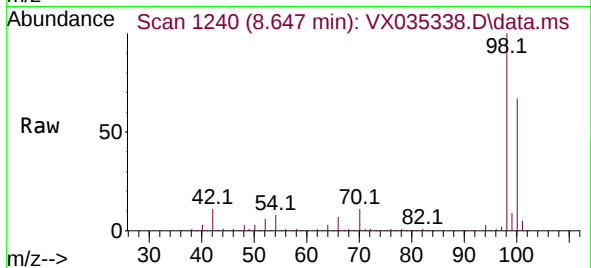




#50  
Toluene-d8  
Concen: 50.990 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX035338.D  
Acq: 27 Apr 2023 14:01

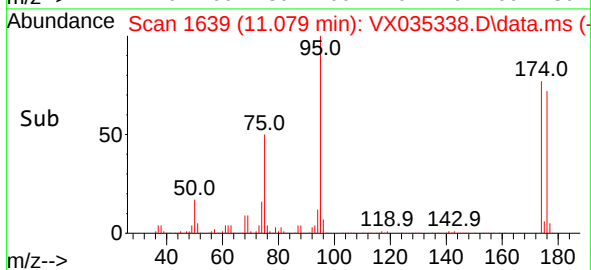
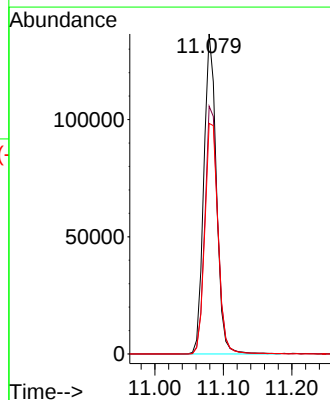
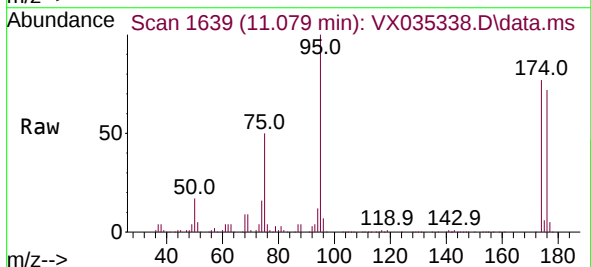
Instrument :  
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ClientSampleId :  
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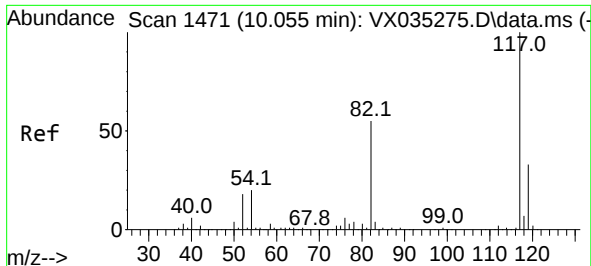
Tgt Ion: 98 Resp: 465966  
Ion Ratio Lower Upper  
98 100  
100 66.8 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 50.839 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035338.D  
Acq: 27 Apr 2023 14:01

Tgt Ion: 95 Resp: 174769  
Ion Ratio Lower Upper  
95 100  
174 79.9 0.0 147.4  
176 76.3 0.0 140.6

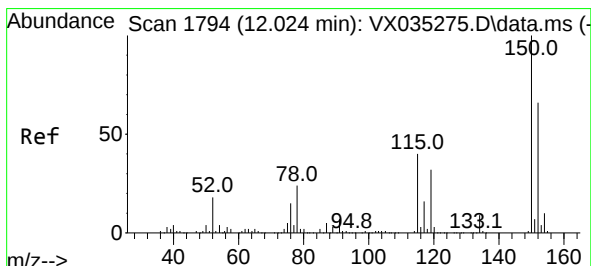
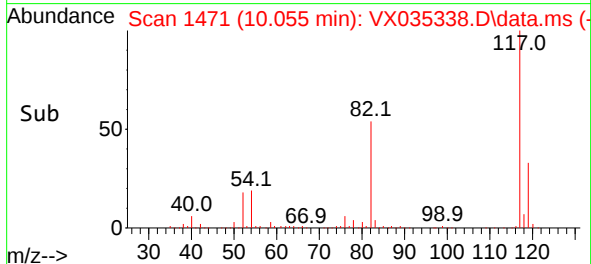
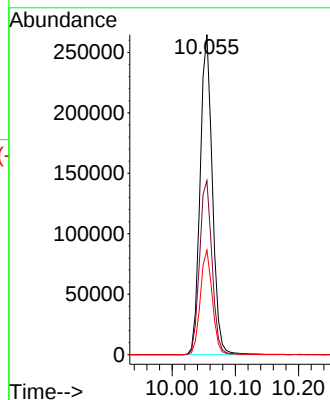
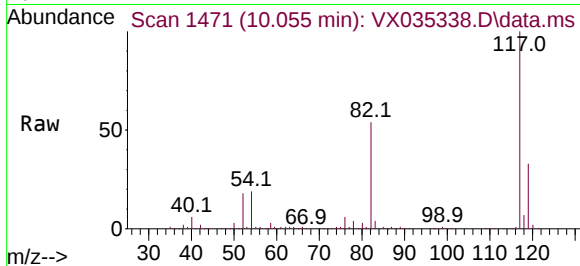




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX035338.D  
Acq: 27 Apr 2023 14:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-22

Tgt Ion:117 Resp: 356651  
Ion Ratio Lower Upper  
117 100  
82 54.4 45.0 67.4  
119 32.6 26.0 39.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX035338.D  
Acq: 27 Apr 2023 14:01

Tgt Ion:152 Resp: 163105  
Ion Ratio Lower Upper  
152 100  
115 60.9 45.0 135.0  
150 160.2 0.0 352.4

