

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062023\  
 Data File : VX036233.D  
 Acq On : 20 Jun 2023 11:23  
 Operator : JC/MD  
 Sample : 03238-04RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4

Quant Time: Jun 21 01:58:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 16 16:28:40 2023  
 Response via : Initial Calibration

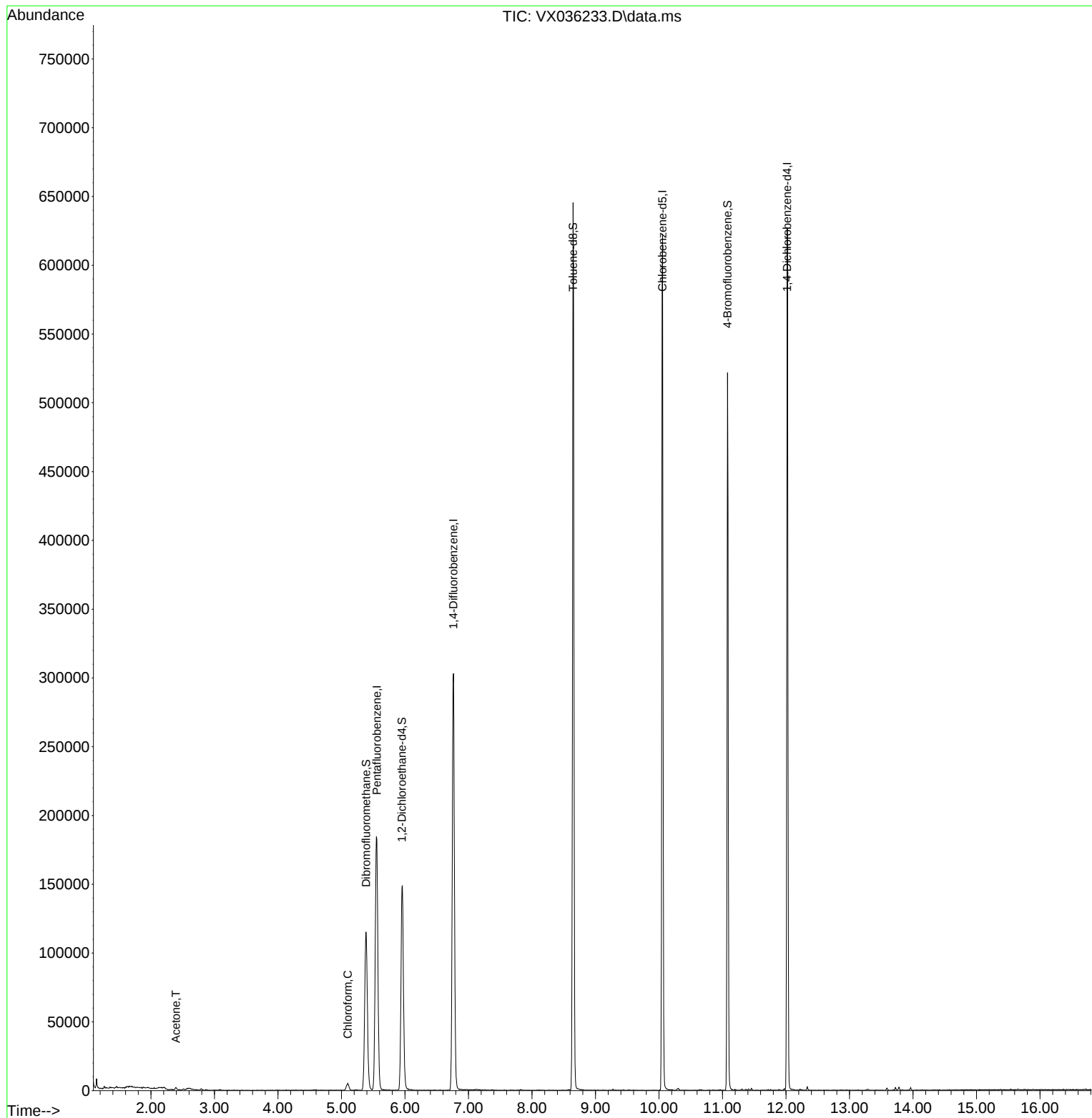
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 158865   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 287599   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 255830   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 114681   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 153757   | 52.962   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 105.920% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 100299   | 51.429   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.860% |          |
| 50) Toluene-d8              | 8.647  | 98    | 355141   | 49.782   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 99.560%  |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 135568   | 47.078   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 94.160%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.392  | 43    | 2068     | 1.715    | ug/l       | 90       |
| 30) Chloroform              | 5.099  | 83    | 5723     | 1.424    | ug/l       | 97       |
| -----                       |        |       |          |          |            |          |

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

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Quant Title : SW846 8260  
QLast Update : Fri Jun 16 16:28:40 2023  
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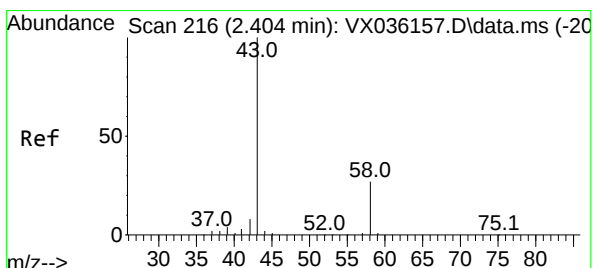
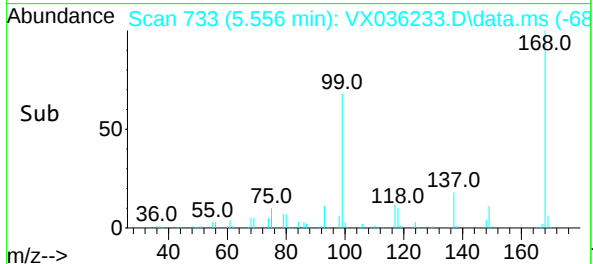
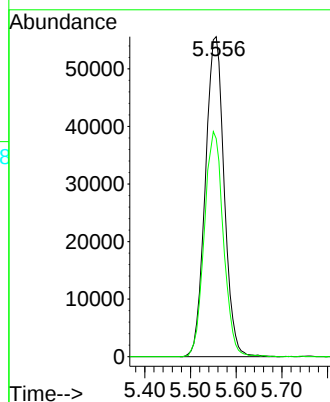
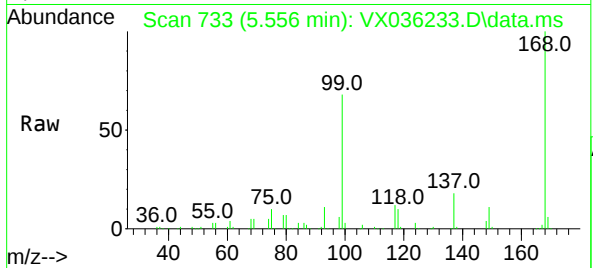




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX036233.D  
Acq: 20 Jun 2023 11:23

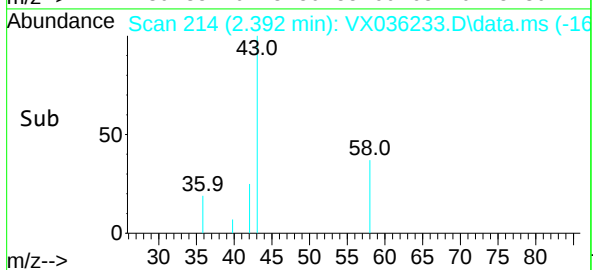
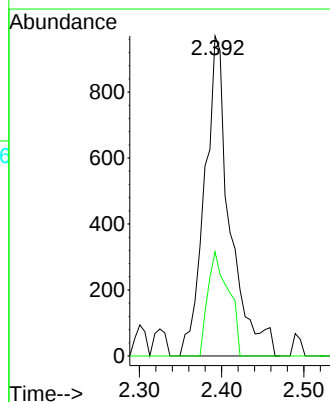
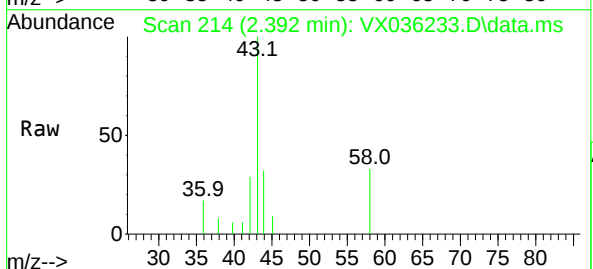
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

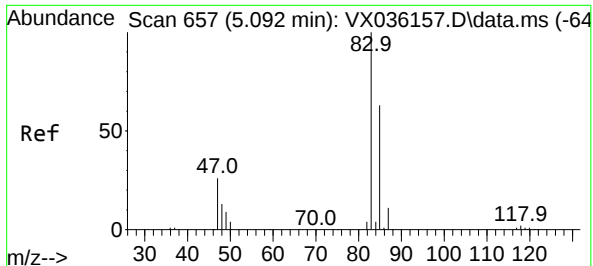
Tgt Ion:168 Resp: 158865  
Ion Ratio Lower Upper  
168 100  
99 68.2 56.6 85.0



#16  
Acetone  
Concen: 1.715 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.012 min  
Lab File: VX036233.D  
Acq: 20 Jun 2023 11:23

Tgt Ion: 43 Resp: 2068  
Ion Ratio Lower Upper  
43 100  
58 32.6 21.9 32.9





#30

Chloroform

Concen: 1.424 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.007 min

Lab File: VX036233.D

Acq: 20 Jun 2023 11:23

Instrument :

MSVOA\_X

ClientSampleId :

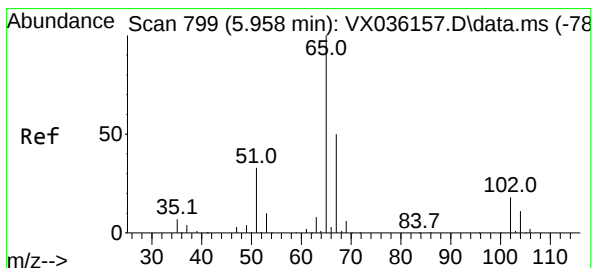
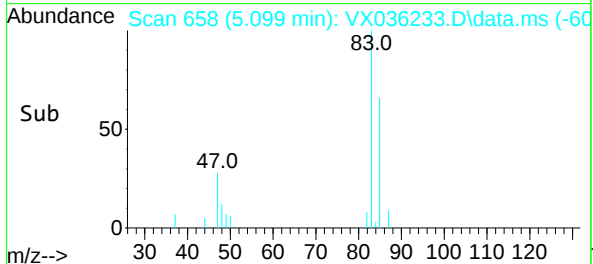
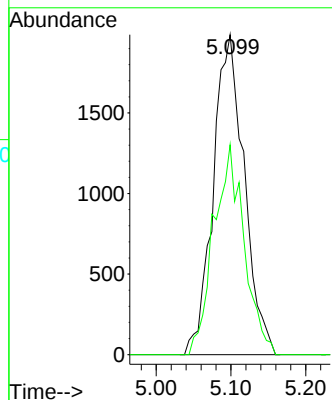
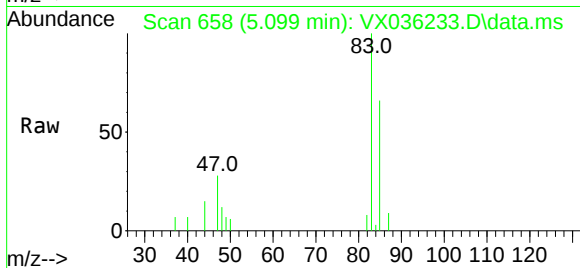
MW-4

Tgt Ion: 83 Resp: 5723

Ion Ratio Lower Upper

83 100

85 65.6 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 52.962 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX036233.D

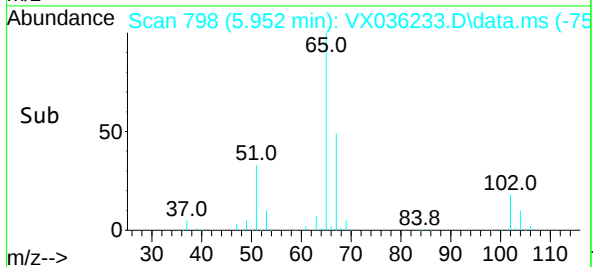
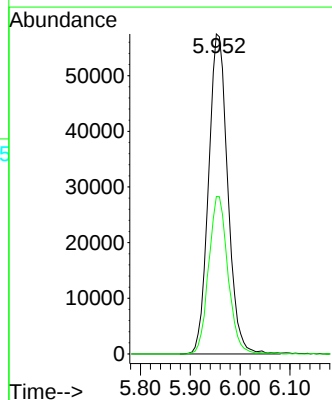
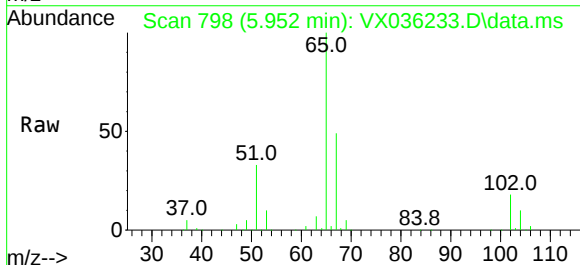
Acq: 20 Jun 2023 11:23

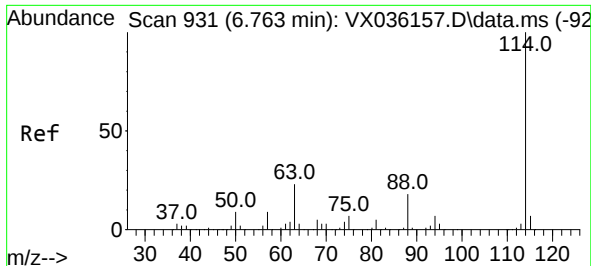
Tgt Ion: 65 Resp: 153757

Ion Ratio Lower Upper

65 100

67 49.5 0.0 100.2

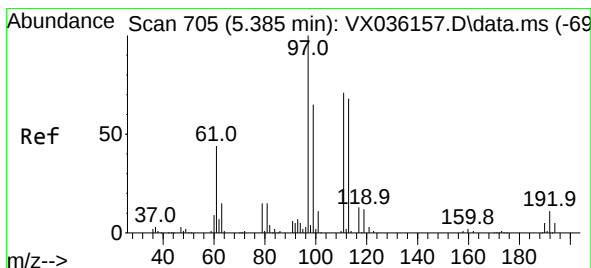
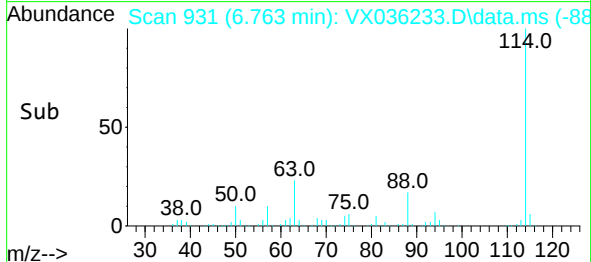
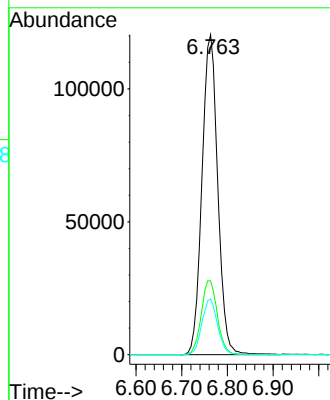
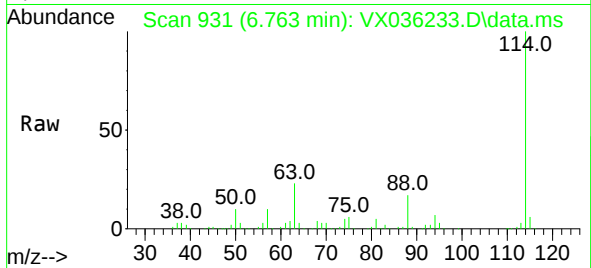




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX036233.D  
Acq: 20 Jun 2023 11:23

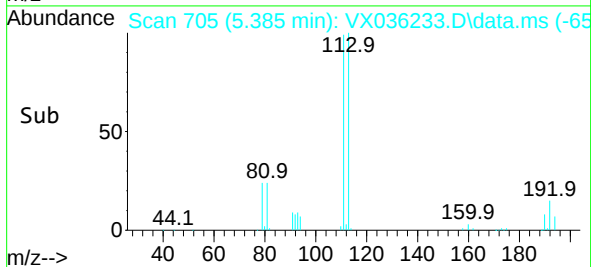
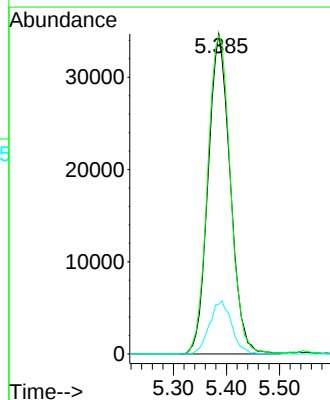
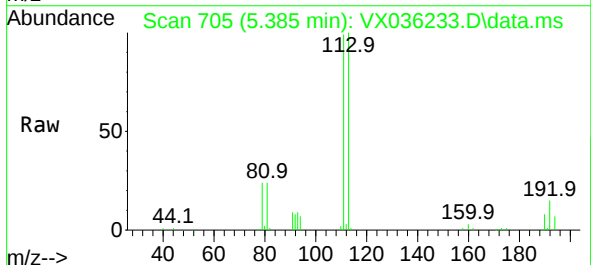
Instrument :  
MSVOA\_X  
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MW-4

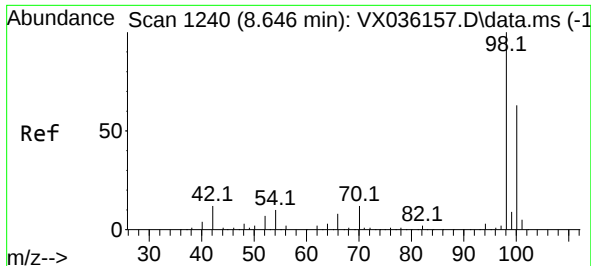
Tgt Ion:114 Resp: 287599  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 45.0  
88 17.4 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 51.429 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036233.D  
Acq: 20 Jun 2023 11:23

Tgt Ion:113 Resp: 100299  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.9 124.3  
192 16.6 13.3 19.9

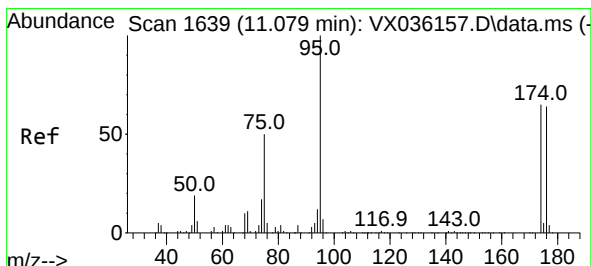
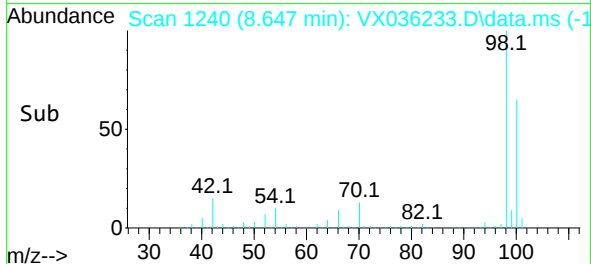
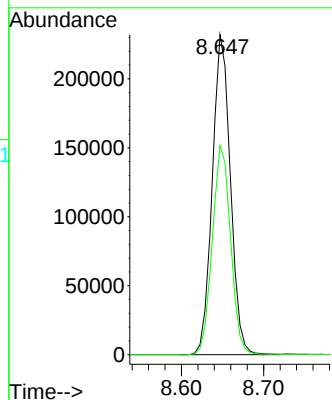
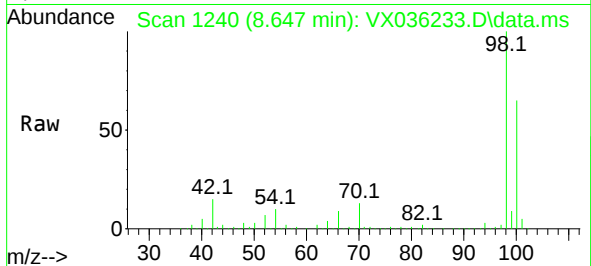




#50  
Toluene-d8  
Concen: 49.782 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX036233.D  
Acq: 20 Jun 2023 11:23

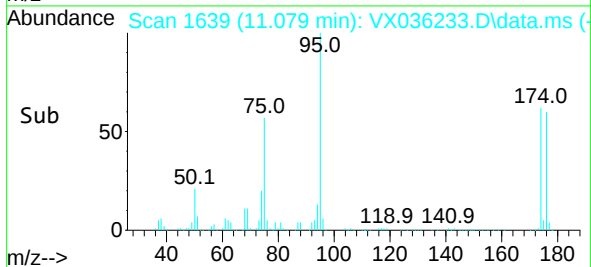
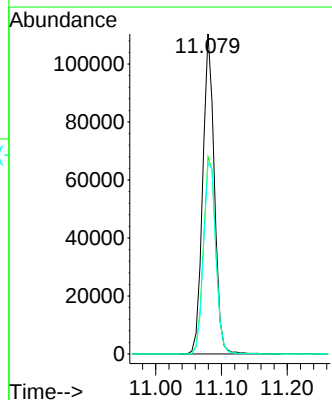
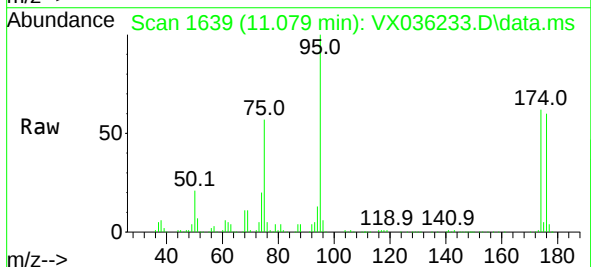
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

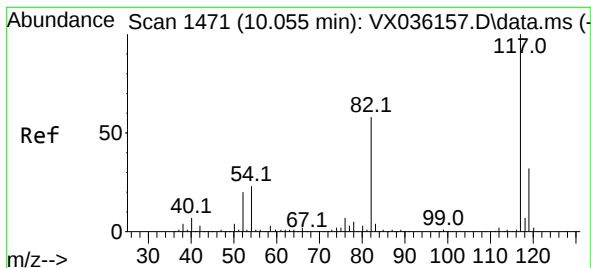
Tgt Ion: 98 Resp: 355141  
Ion Ratio Lower Upper  
98 100  
100 66.0 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 47.078 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX036233.D  
Acq: 20 Jun 2023 11:23

Tgt Ion: 95 Resp: 135568  
Ion Ratio Lower Upper  
95 100  
174 65.2 0.0 135.6  
176 63.6 0.0 131.0

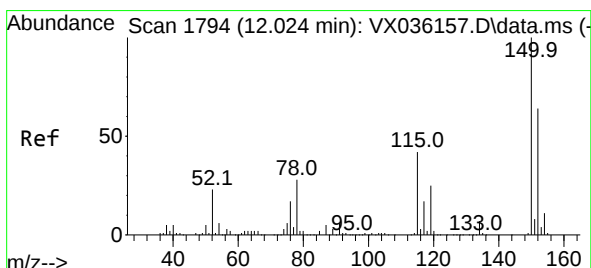
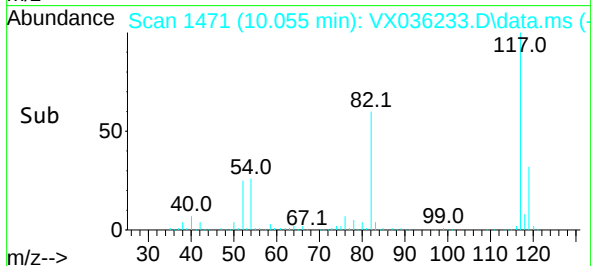
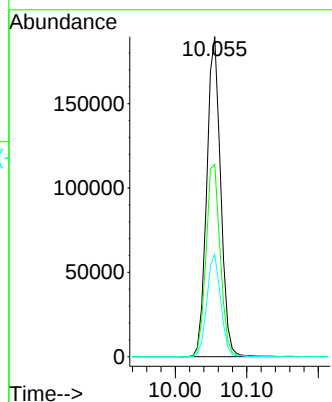
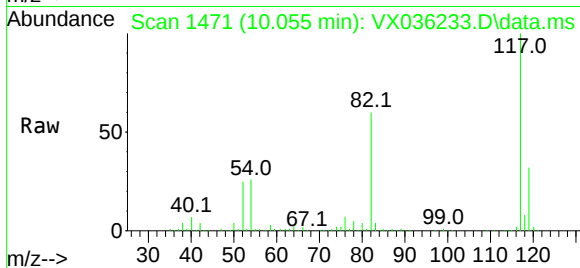




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX036233.D  
Acq: 20 Jun 2023 11:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:117 Resp: 255830  
Ion Ratio Lower Upper  
117 100  
82 60.1 46.2 69.4  
119 31.9 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX036233.D  
Acq: 20 Jun 2023 11:23

Tgt Ion:152 Resp: 114681  
Ion Ratio Lower Upper  
152 100  
115 65.6 43.3 129.9  
150 157.6 0.0 345.0

