

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072523\  
 Data File : VX036658.D  
 Acq On : 25 Jul 2023 17:13  
 Operator : JC/MD  
 Sample : 03750-12 1000X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-22

Quant Time: Jul 26 06:27:43 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

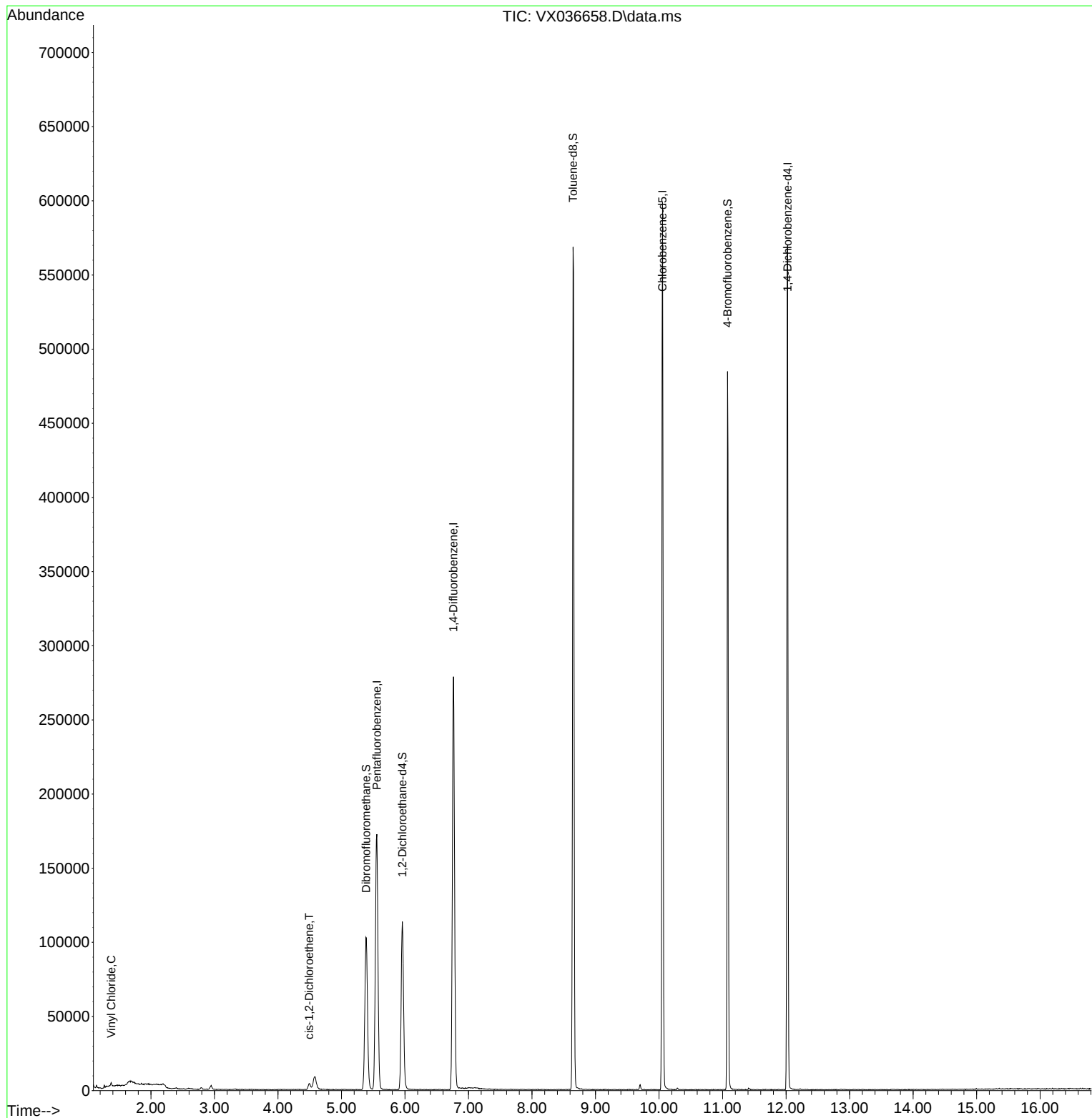
| Compound                    | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|-------|----------|
| -----                       |                |      |            |         |       |          |
| Internal Standards          |                |      |            |         |       |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 159592     | 50.000  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 283998     | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 262604     | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 117903     | 50.000  | ug/l  | 0.00     |
|                             |                |      |            |         |       |          |
| System Monitoring Compounds |                |      |            |         |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 107075     | 45.344  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 90.680% |       |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 91508      | 46.878  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 93.760% |       |          |
| 50) Toluene-d8              | 8.647          | 98   | 341300     | 49.304  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 98.600% |       |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 129371     | 49.535  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 99.080% |       |          |
|                             |                |      |            |         |       |          |
| Target Compounds            |                |      |            |         |       | Qvalue   |
| 4) Vinyl Chloride           | 1.374          | 62   | 1377       | 0.705   | ug/l  | 91       |
| 27) cis-1,2-Dichloroethene  | 4.489          | 96   | 2771       | 1.168   | ug/l  | 84       |
| -----                       |                |      |            |         |       |          |

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

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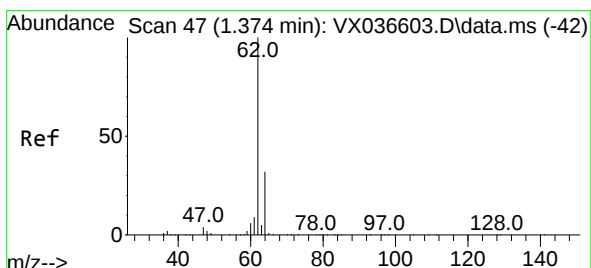
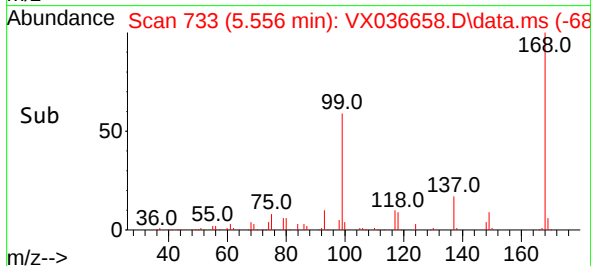
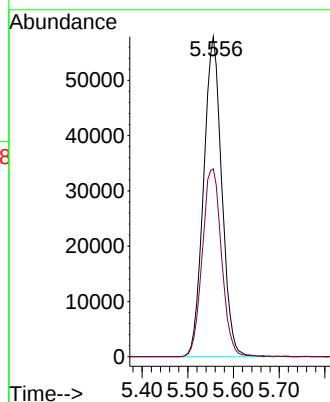
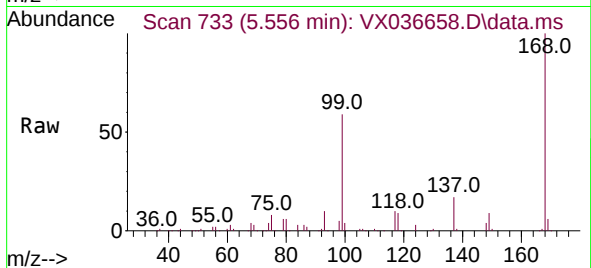




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX036658.D  
Acq: 25 Jul 2023 17:13

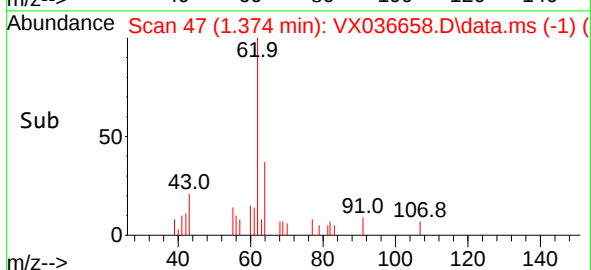
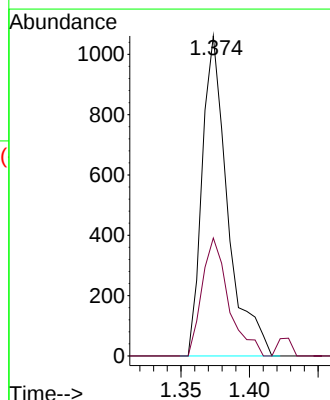
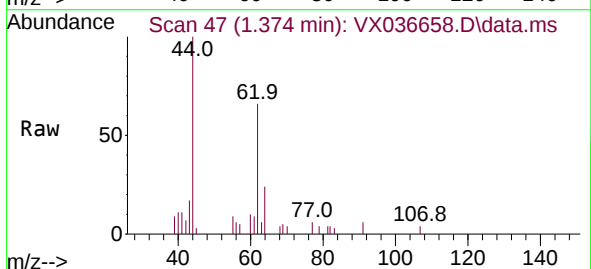
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-22

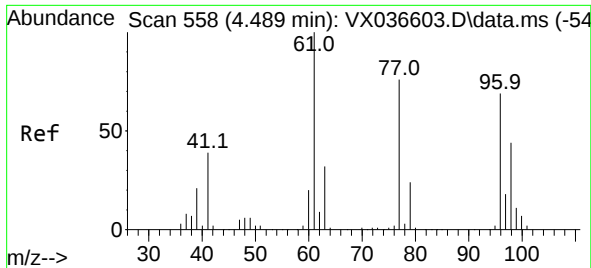
Tgt Ion:168 Resp: 159592  
Ion Ratio Lower Upper  
168 100  
99 58.7 56.6 85.0



#4  
Vinyl Chloride  
Concen: 0.705 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX036658.D  
Acq: 25 Jul 2023 17:13

Tgt Ion: 62 Resp: 1377  
Ion Ratio Lower Upper  
62 100  
64 36.9 25.4 38.0





#27

cis-1,2-Dichloroethene

Concen: 1.168 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX036658.D

Acq: 25 Jul 2023 17:13

Instrument :

MSVOA\_X

ClientSampleId :

MW-22

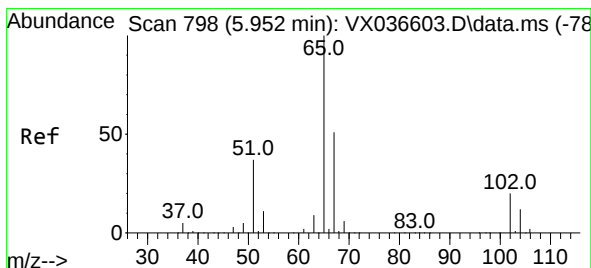
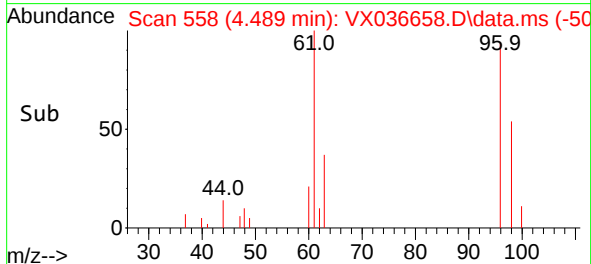
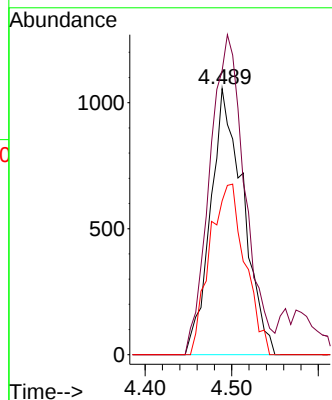
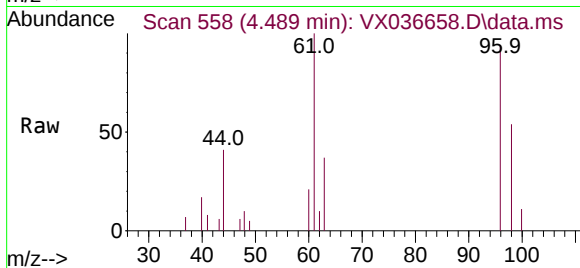
Tgt Ion: 96 Resp: 2771

Ion Ratio Lower Upper

96 100

61 129.7 0.0 312.2

98 69.5 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 45.344 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX036658.D

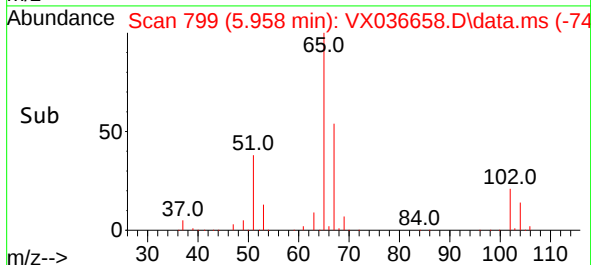
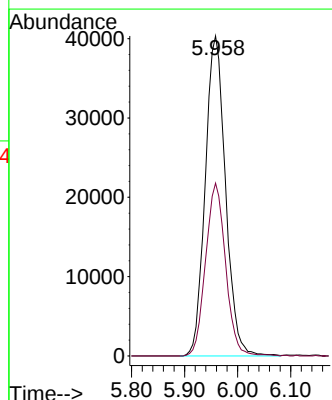
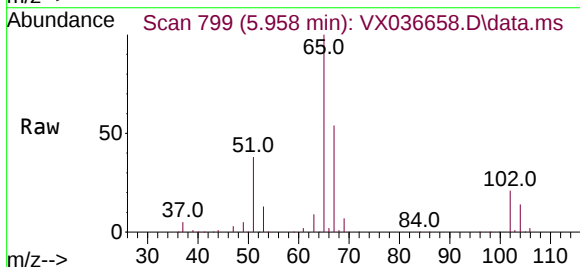
Acq: 25 Jul 2023 17:13

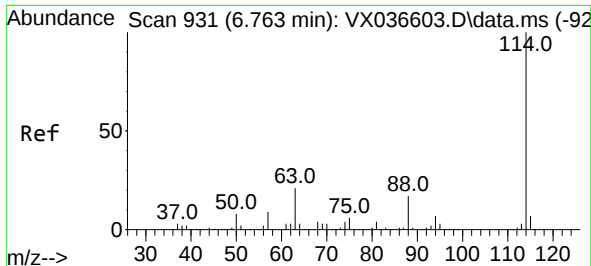
Tgt Ion: 65 Resp: 107075

Ion Ratio Lower Upper

65 100

67 53.3 0.0 100.2

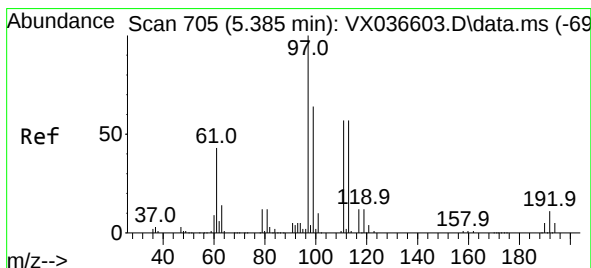
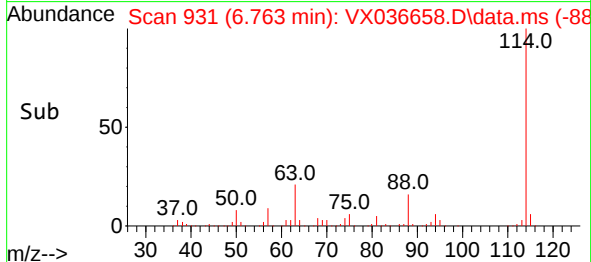
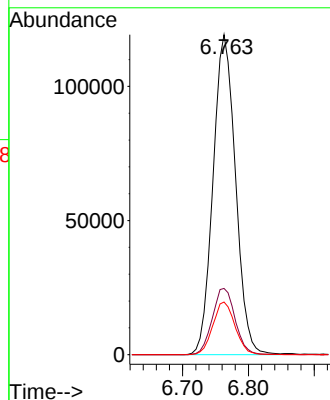
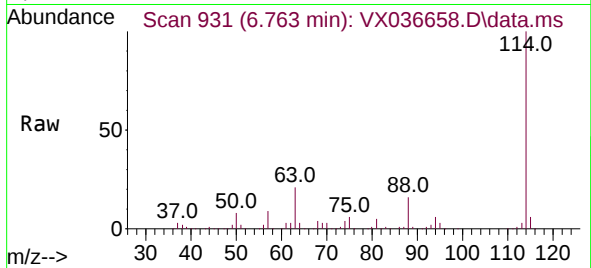




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX036658.D  
Acq: 25 Jul 2023 17:13

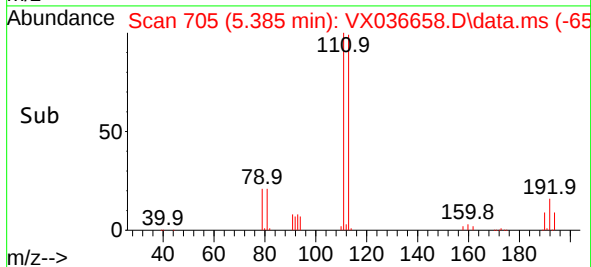
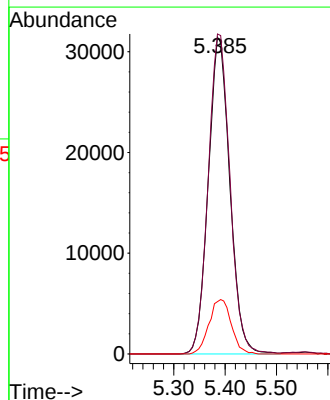
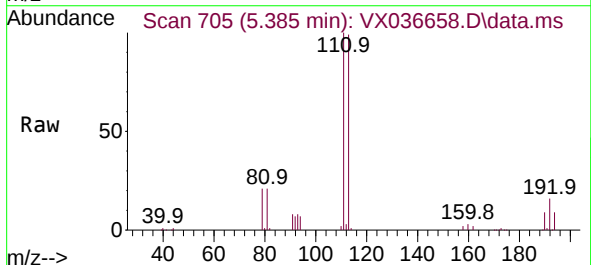
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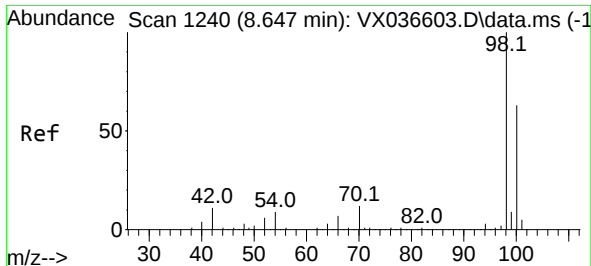
Tgt Ion:114 Resp: 283998  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 45.0  
88 16.5 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.878 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX036658.D  
Acq: 25 Jul 2023 17:13

Tgt Ion:113 Resp: 91508  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.9 124.3  
192 17.7 13.3 19.9

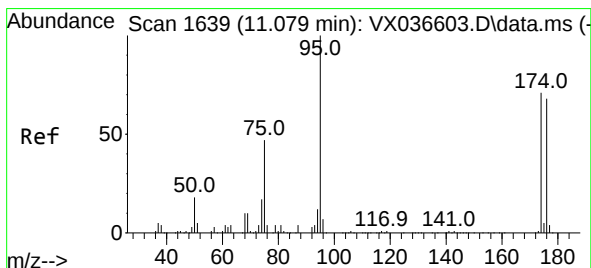
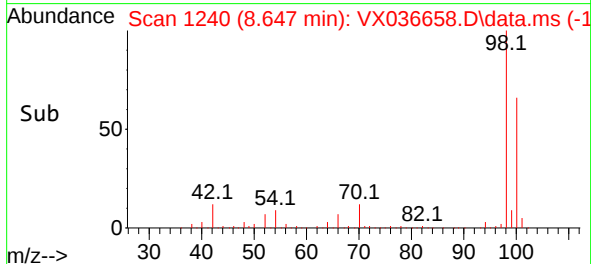
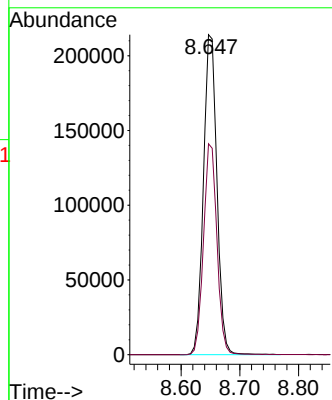
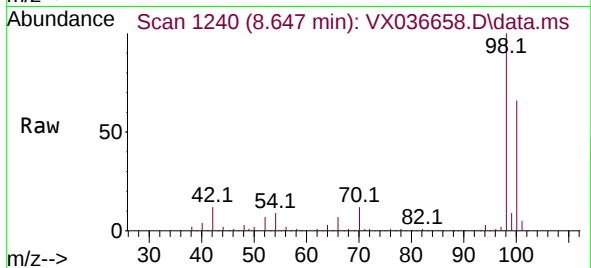




#50  
Toluene-d8  
Concen: 49.304 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX036658.D  
Acq: 25 Jul 2023 17:13

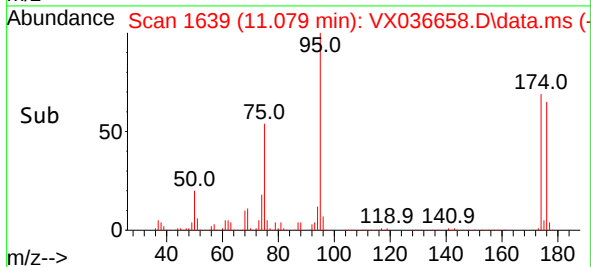
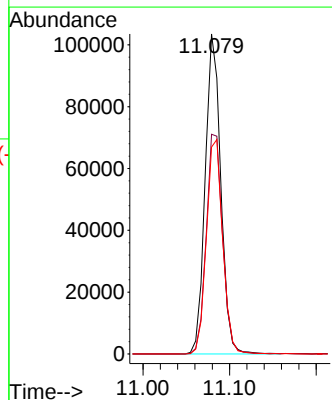
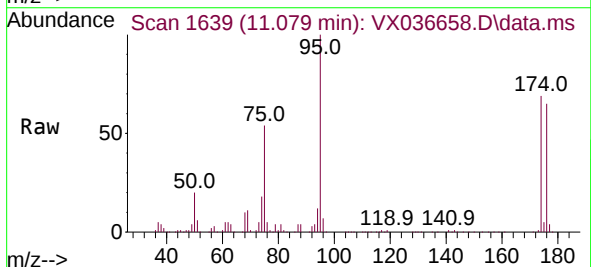
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-22

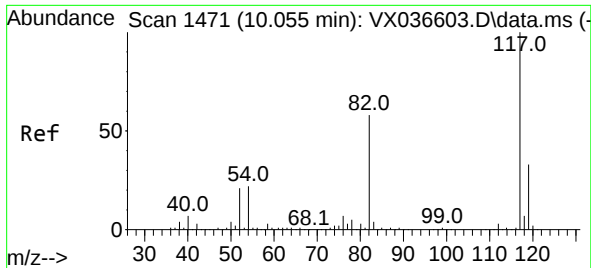
Tgt Ion: 98 Resp: 341300  
Ion Ratio Lower Upper  
98 100  
100 65.5 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 49.535 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX036658.D  
Acq: 25 Jul 2023 17:13

Tgt Ion: 95 Resp: 129371  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 135.6  
176 70.0 0.0 131.0

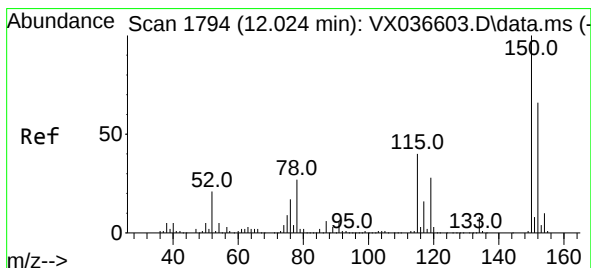
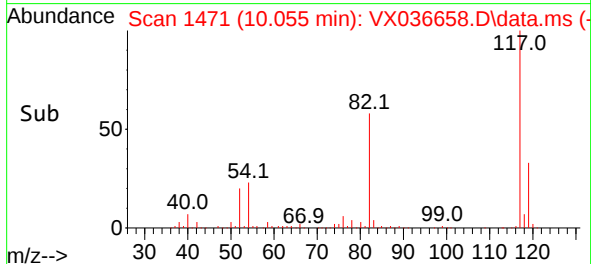
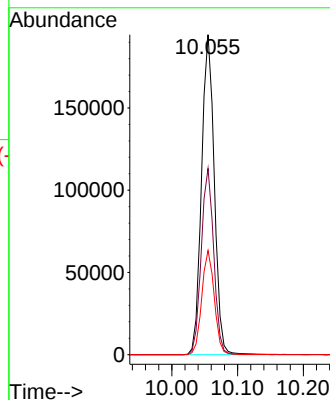
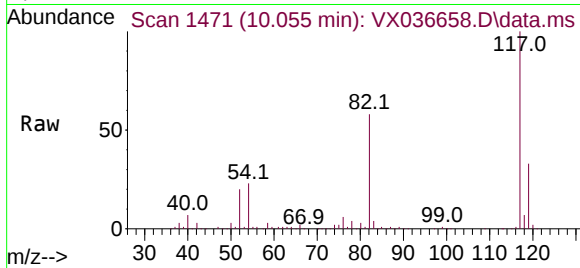




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX036658.D  
Acq: 25 Jul 2023 17:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-22

Tgt Ion:117 Resp: 262604  
Ion Ratio Lower Upper  
117 100  
82 58.2 46.2 69.4  
119 32.5 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: VX036658.D  
Acq: 25 Jul 2023 17:13

Tgt Ion:152 Resp: 117903  
Ion Ratio Lower Upper  
152 100  
115 62.2 43.3 129.9  
150 158.8 0.0 345.0

