

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010725\  
 Data File : VX044604.D  
 Acq On : 07 Jan 2025 16:06  
 Operator : JC/MD  
 Sample : VX0107WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0107WBL01

Quant Time: Jan 08 05:53:51 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010725W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 08 03:57:12 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|--------|----------------|----------|--------|----------|----------|
| -----                       |        |                |          |        |          |          |
| Internal Standards          |        |                |          |        |          |          |
| 1) Pentafluorobenzene       | 5.544  | 168            | 173540   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.751  | 114            | 316021   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117            | 270881   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152            | 109213   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds |        |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65             | 141681   | 50.634 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 74 - 125 | Recovery | =      | 101.260% |          |
| 35) Dibromofluoromethane    | 5.379  | 113            | 102020   | 47.079 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | =      | 94.160%  |          |
| 50) Toluene-d8              | 8.641  | 98             | 366480   | 49.511 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 86 - 113 | Recovery | =      | 99.020%  |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95             | 124484   | 47.647 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 77 - 121 | Recovery | =      | 95.300%  |          |

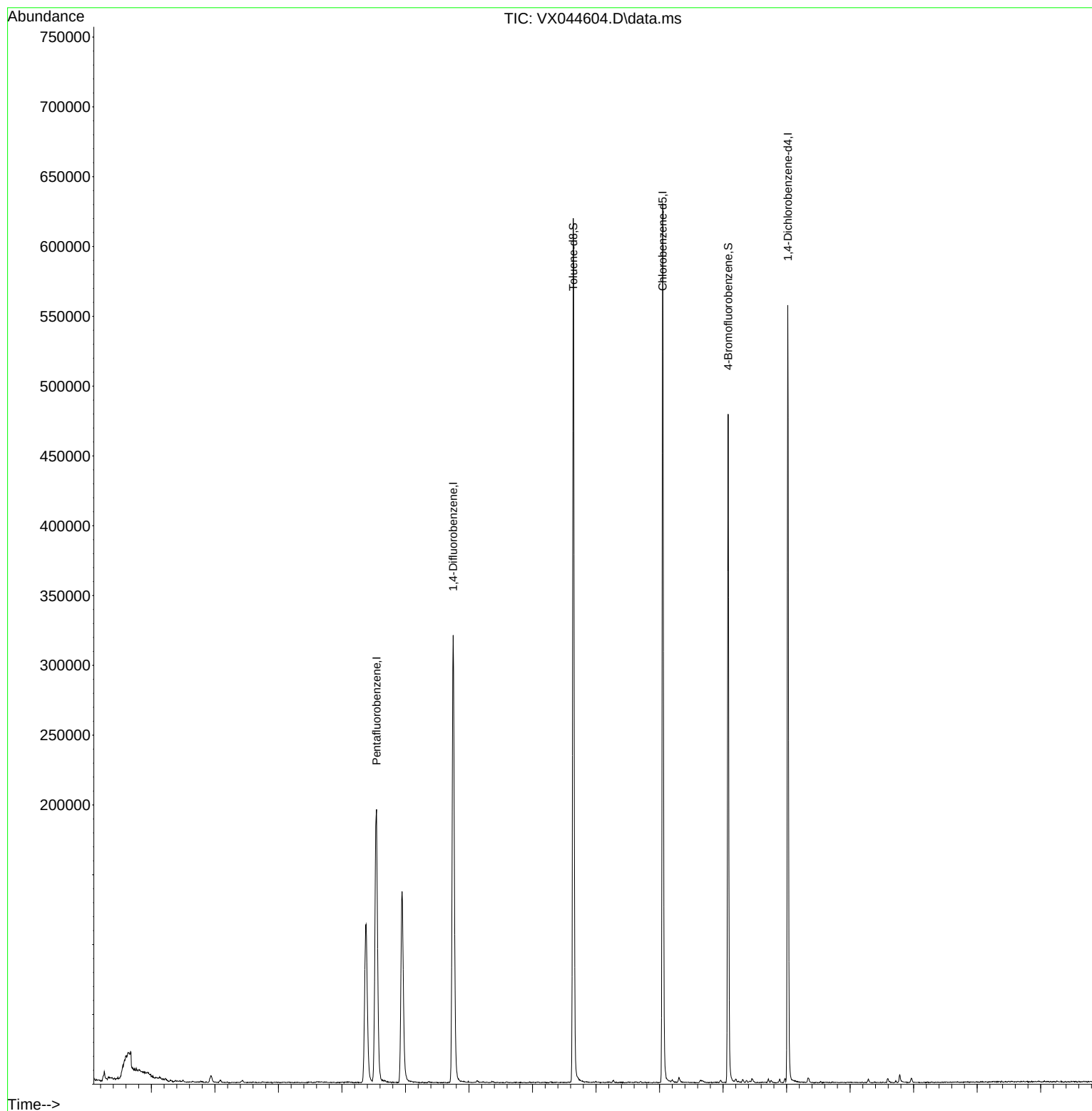
Target Compounds Qvalue

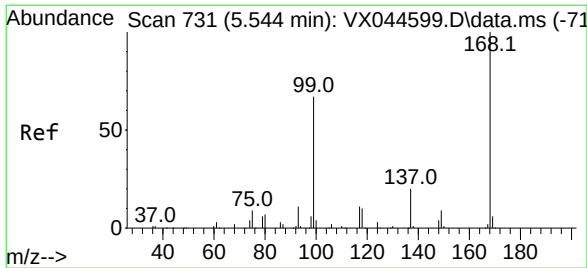
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010725W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 08 03:57:12 2025  
Response via : Initial Calibration

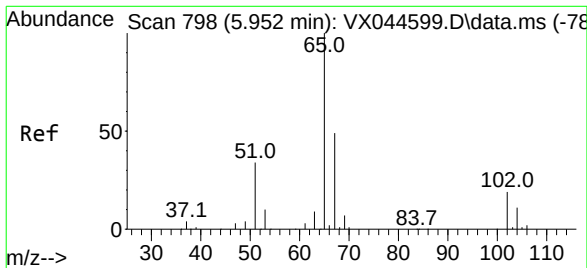
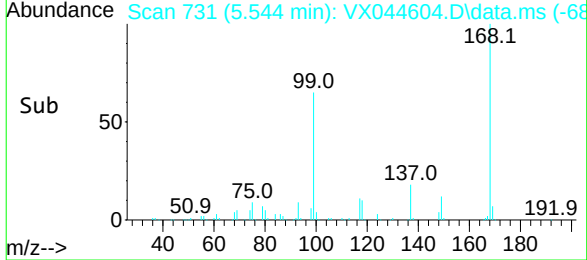
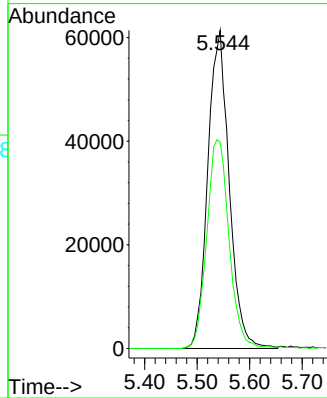
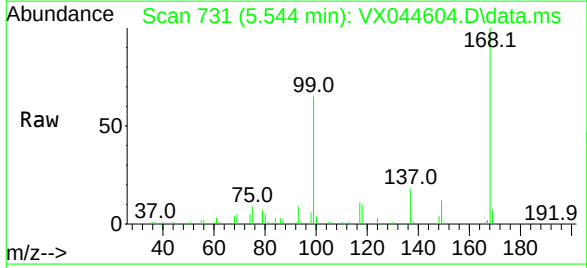




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VX044604.D  
Acq: 07 Jan 2025 16:06

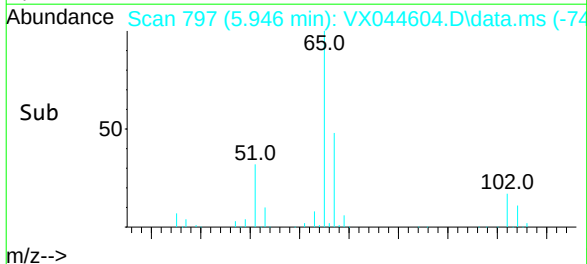
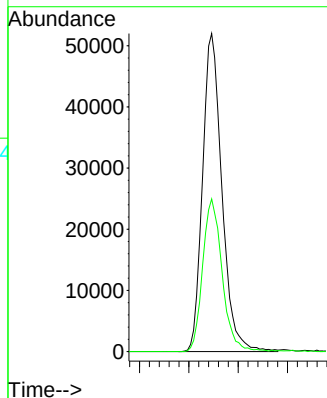
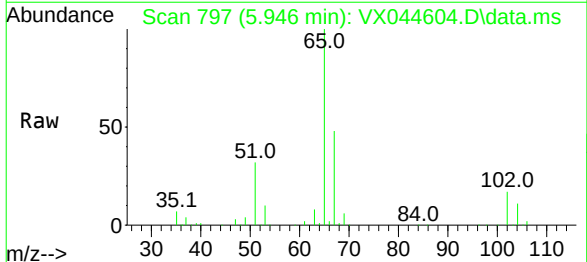
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0107WBL01

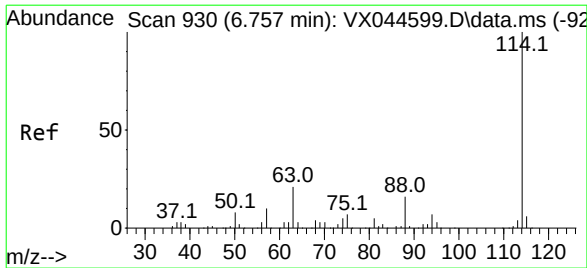
Tgt Ion:168 Resp: 173540  
Ion Ratio Lower Upper  
168 100  
99 64.8 53.5 80.3



#33  
1,2-Dichloroethane-d4  
Concen: 50.634 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: VX044604.D  
Acq: 07 Jan 2025 16:06

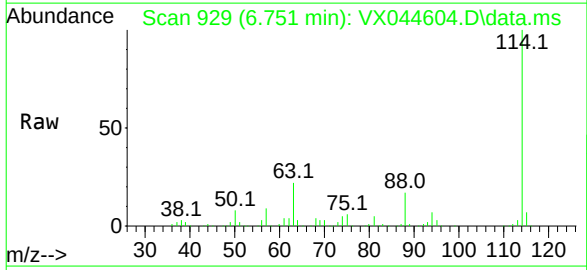
Tgt Ion: 65 Resp: 141681  
Ion Ratio Lower Upper  
65 100  
67 48.2 0.0 99.0



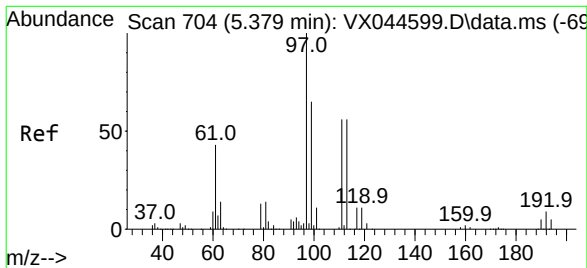
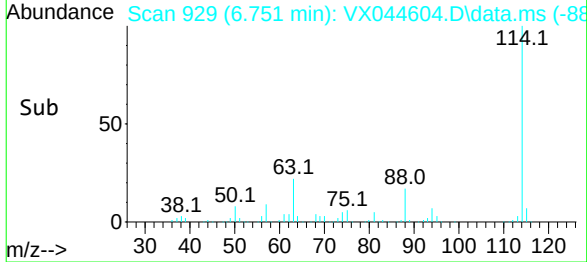
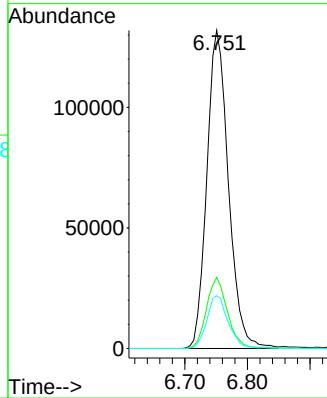


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.751 min Scan# 92  
Delta R.T. -0.006 min  
Lab File: VX044604.D  
Acq: 07 Jan 2025 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0107WBL01

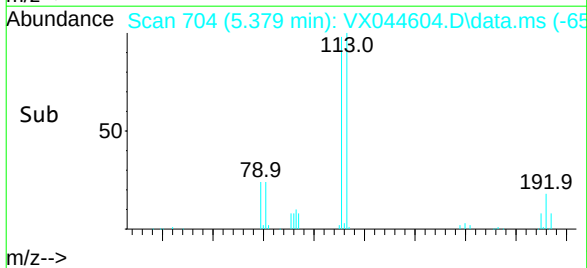
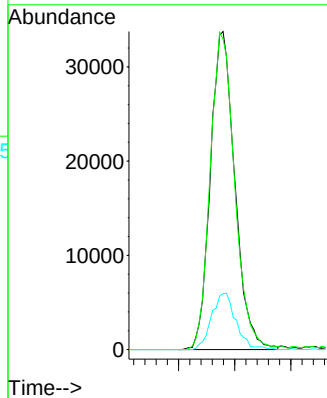
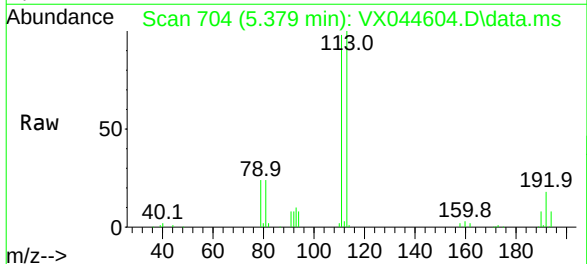


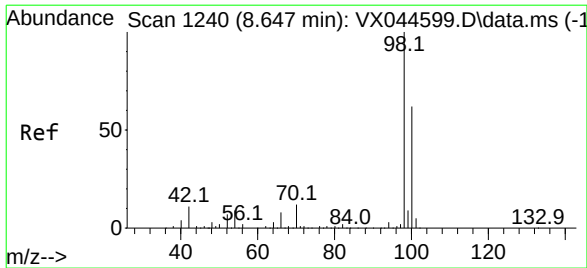
Tgt Ion:114 Resp: 316021  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 42.6  
88 16.6 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 47.079 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX044604.D  
Acq: 07 Jan 2025 16:06

Tgt Ion:113 Resp: 102020  
Ion Ratio Lower Upper  
113 100  
111 99.7 83.3 124.9  
192 17.7 14.3 21.5





#50

Toluene-d8

Concen: 49.511 ug/l

RT: 8.641 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX044604.D

Acq: 07 Jan 2025 16:06

Instrument :

MSVOA\_X

ClientSampleId :

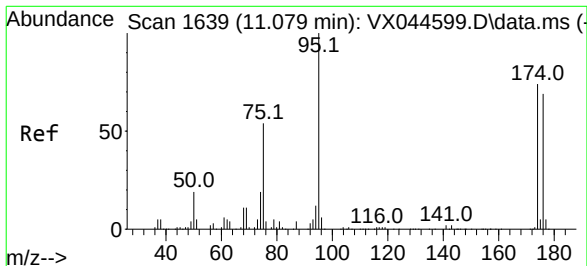
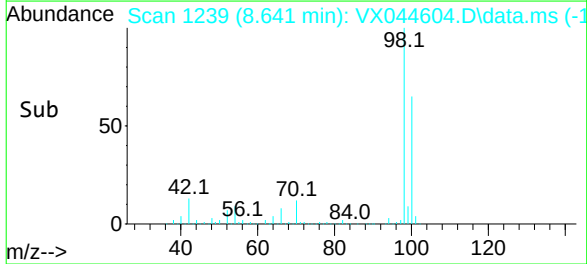
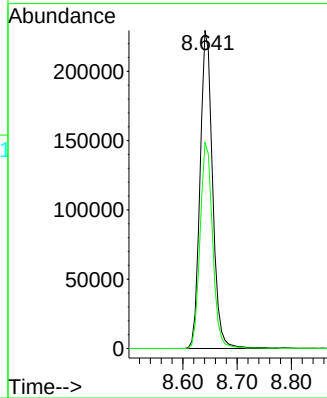
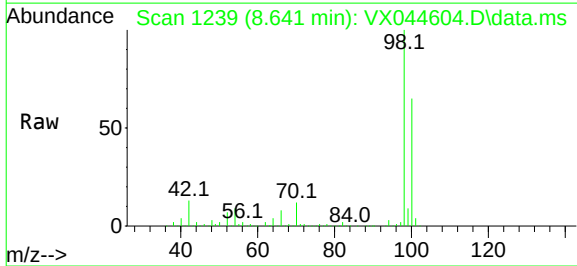
VX0107WBL01

Tgt Ion: 98 Resp: 366480

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 47.647 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044604.D

Acq: 07 Jan 2025 16:06

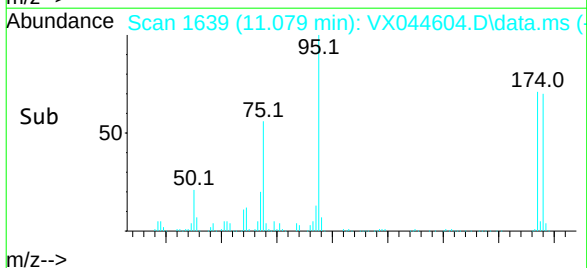
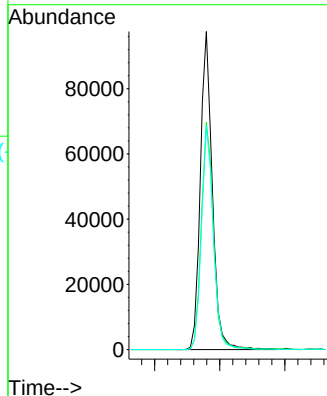
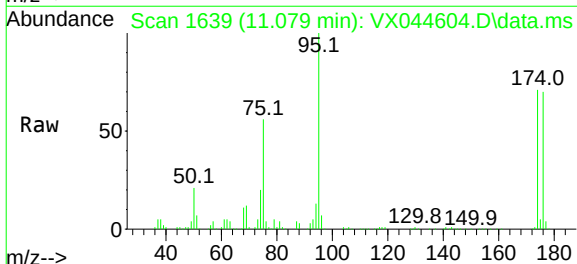
Tgt Ion: 95 Resp: 124484

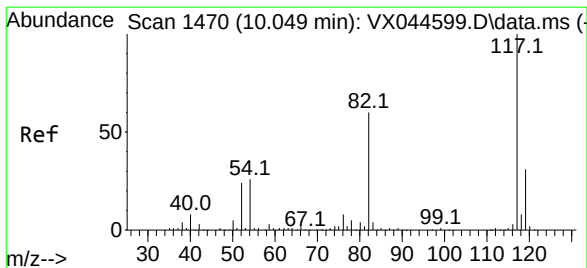
Ion Ratio Lower Upper

95 100

174 72.5 0.0 148.8

176 69.9 0.0 139.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044604.D

Acq: 07 Jan 2025 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0107WBL01

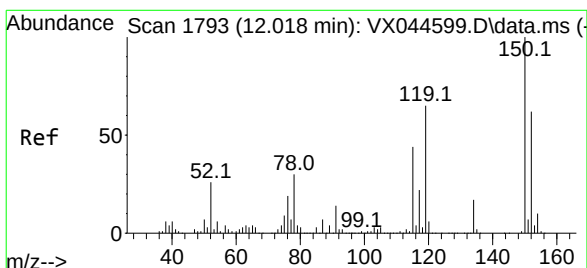
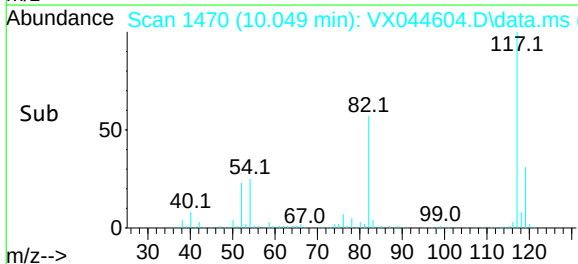
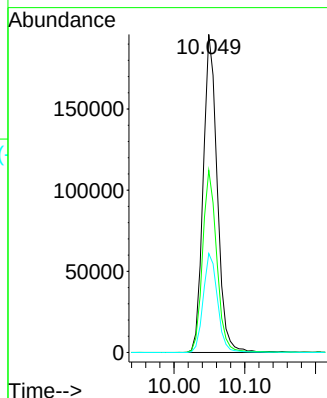
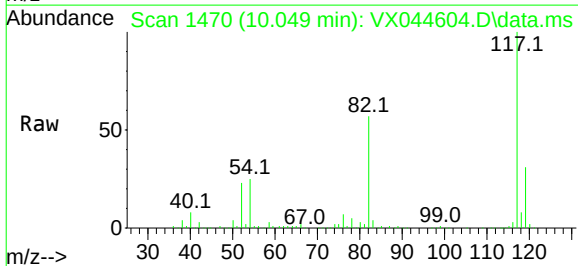
Tgt Ion:117 Resp: 270881

Ion Ratio Lower Upper

117 100

82 57.2 47.8 71.6

119 31.1 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044604.D

Acq: 07 Jan 2025 16:06

Tgt Ion:152 Resp: 109213

Ion Ratio Lower Upper

152 100

115 62.0 44.4 133.1

150 155.9 0.0 355.0

