

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031125\  
 Data File : VX045225.D  
 Acq On : 11 Mar 2025 15:33  
 Operator : JC/MD  
 Sample : Q1531-07DL 20X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE103D1-20250306DL

Quant Time: Mar 12 01:50:30 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 2025  
 Response via : Initial Calibration

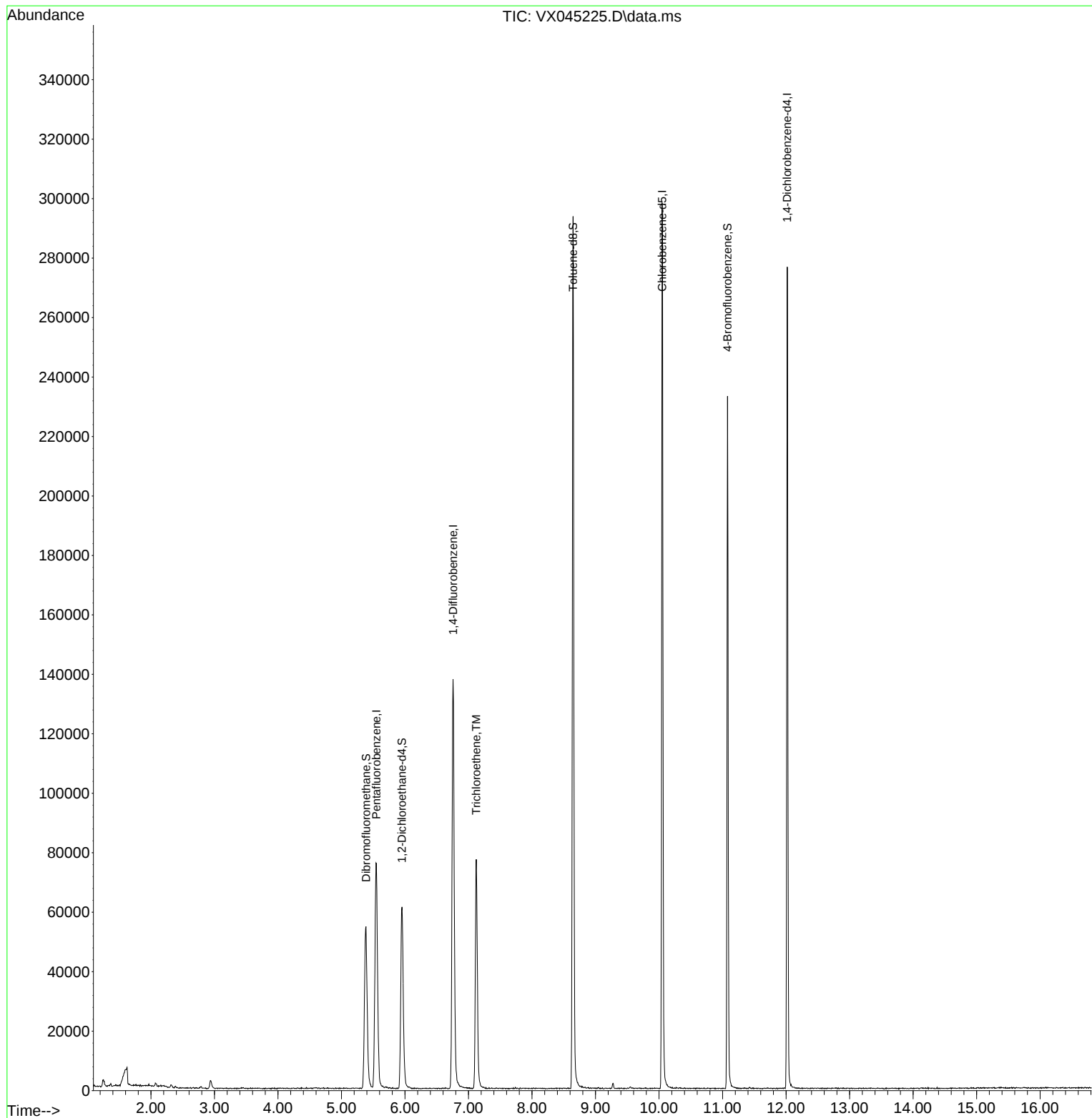
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 69746    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 139117   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 128566   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 52396    | 50.000   | ug/l       | 0.00     |
|                             |        |       |          |          |            |          |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 60833    | 54.834   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 109.660% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 48705    | 52.358   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.720% |          |
| 50) Toluene-d8              | 8.647  | 98    | 174638   | 51.784   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 103.560% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 59424    | 53.175   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 106.340% |          |
|                             |        |       |          |          |            |          |
| Target Compounds            |        |       |          |          |            | Qvalue   |
| 44) Trichloroethene         | 7.123  | 130   | 28528    | 30.159   | ug/l       | 94       |
| -----                       |        |       |          |          |            |          |

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

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ClientSampleId :  
RE103D1-20250306DL

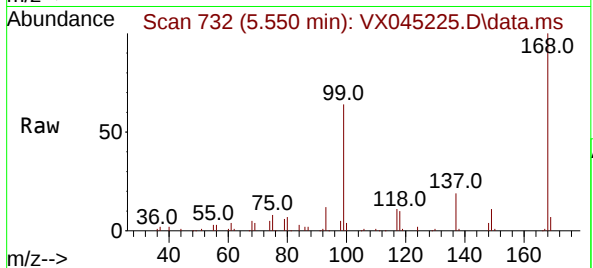
Quant Time: Mar 12 01:50:30 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 28 06:45:16 2025  
Response via : Initial Calibration



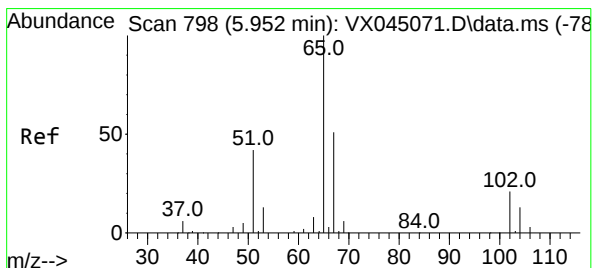
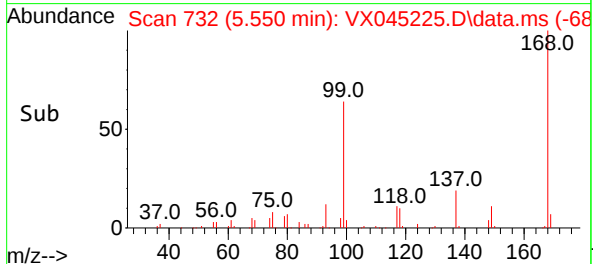
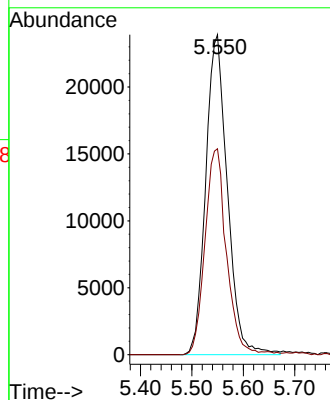


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX045225.D  
Acq: 11 Mar 2025 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE103D1-20250306DL

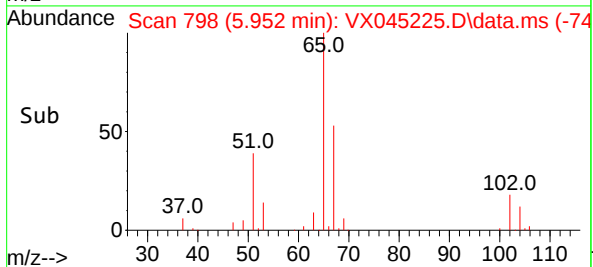
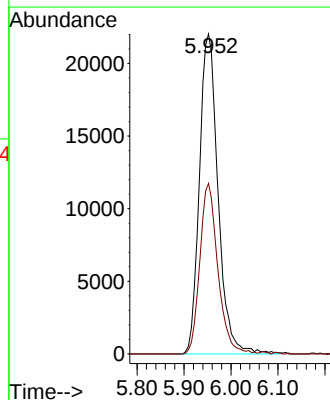
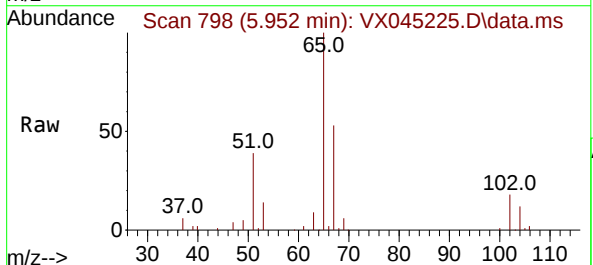


Tgt Ion:168 Resp: 69746  
Ion Ratio Lower Upper  
168 100  
99 64.3 48.2 72.4



#33  
1,2-Dichloroethane-d4  
Concen: 54.834 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX045225.D  
Acq: 11 Mar 2025 15:33

Tgt Ion: 65 Resp: 60833  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 106.2

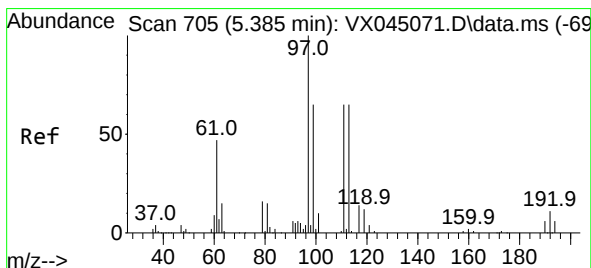
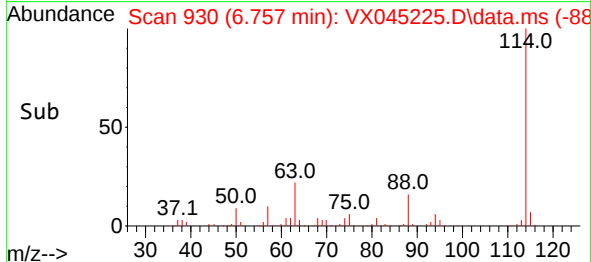
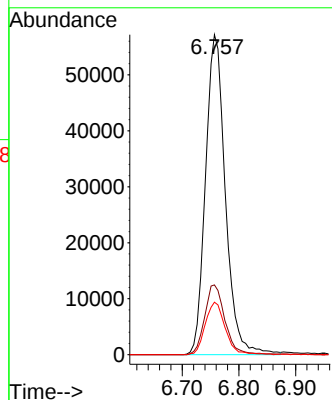
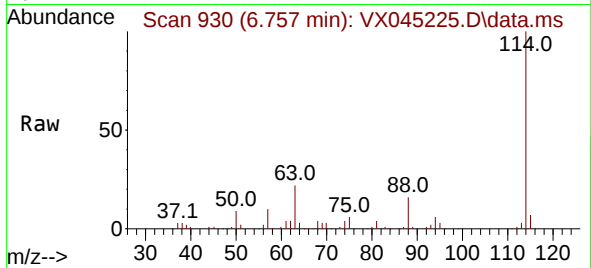




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX045225.D  
Acq: 11 Mar 2025 15:33

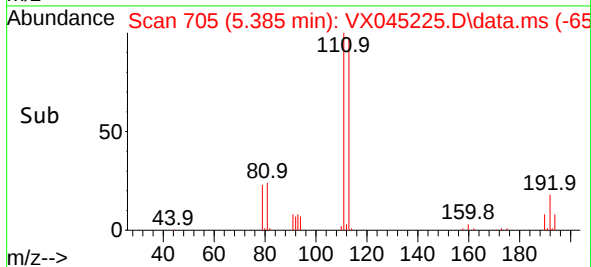
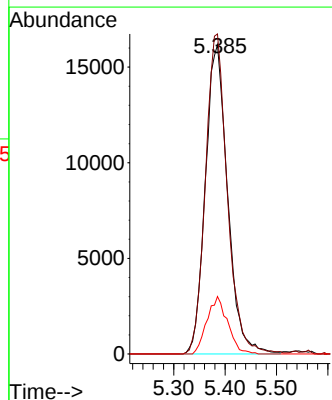
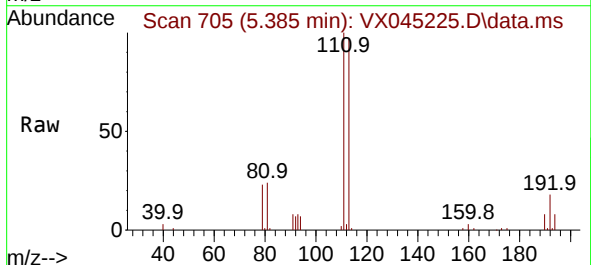
Instrument :  
MSVOA\_X  
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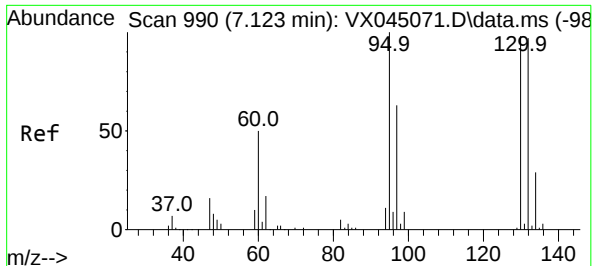
Tgt Ion:114 Resp: 139117  
Ion Ratio Lower Upper  
114 100  
63 21.8 0.0 41.8  
88 16.4 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 52.358 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX045225.D  
Acq: 11 Mar 2025 15:33

Tgt Ion:113 Resp: 48705  
Ion Ratio Lower Upper  
113 100  
111 101.7 81.8 122.6  
192 17.3 14.3 21.5

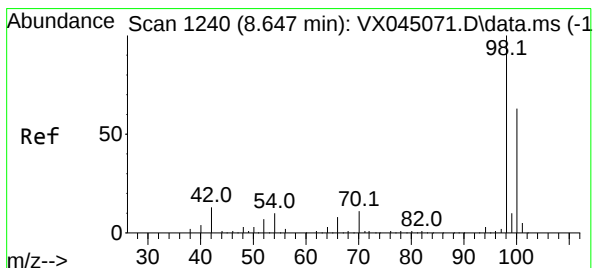
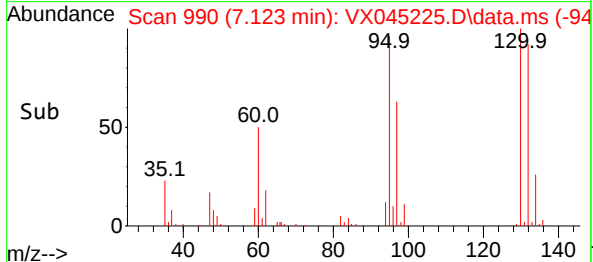
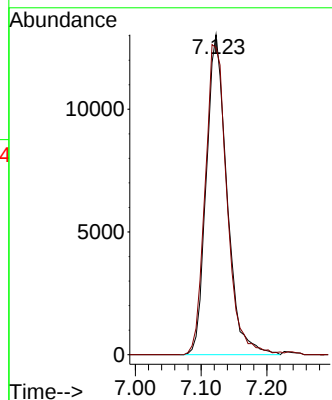
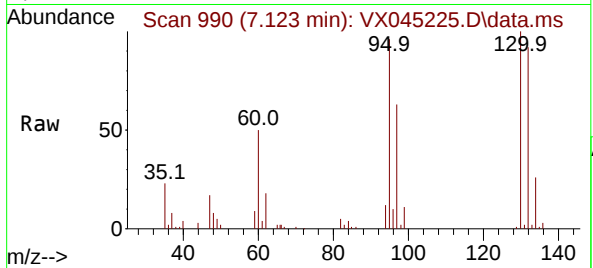




#44  
Trichloroethene  
Concen: 30.159 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX045225.D  
Acq: 11 Mar 2025 15:33

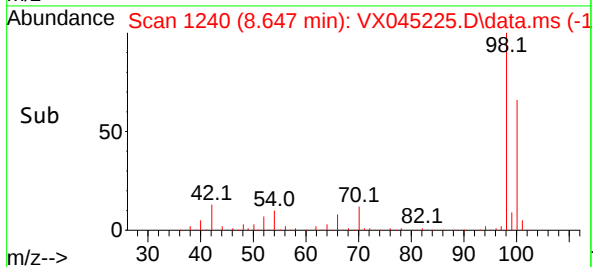
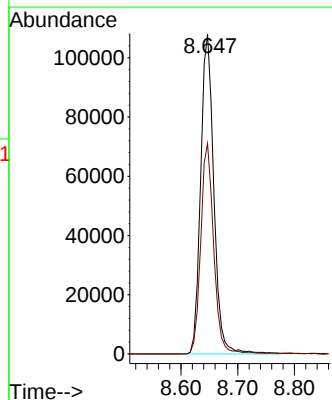
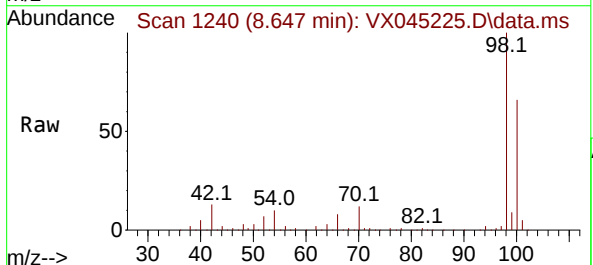
Instrument :  
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Tgt Ion:130 Resp: 28528  
Ion Ratio Lower Upper  
130 100  
95 96.0 0.0 205.0



#50  
Toluene-d8  
Concen: 51.784 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX045225.D  
Acq: 11 Mar 2025 15:33

Tgt Ion: 98 Resp: 174638  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 53.175 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045225.D

Acq: 11 Mar 2025 15:33

Instrument :

MSVOA\_X

ClientSampleId :

RE103D1-20250306DL

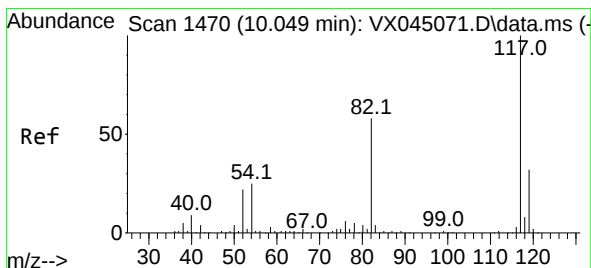
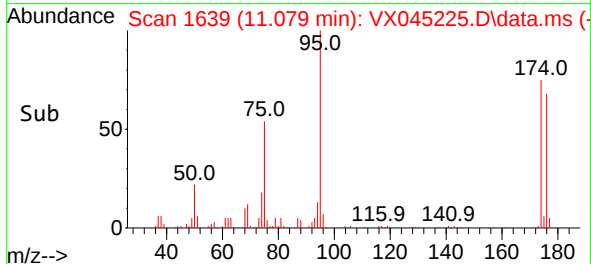
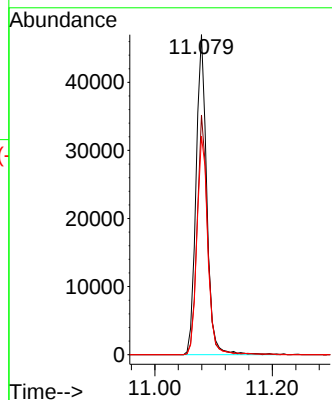
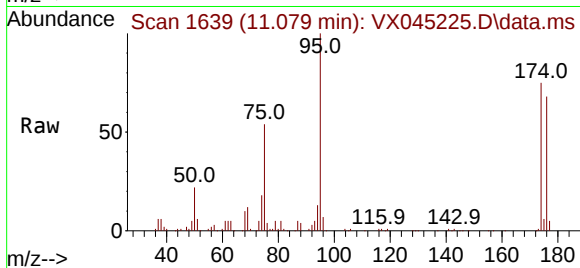
Tgt Ion: 95 Resp: 59424

Ion Ratio Lower Upper

95 100

174 73.4 0.0 148.2

176 69.5 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045225.D

Acq: 11 Mar 2025 15:33

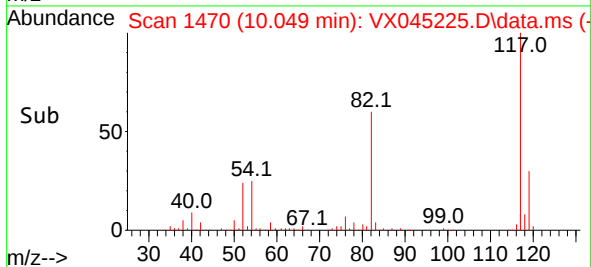
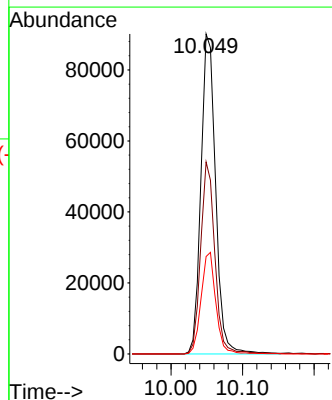
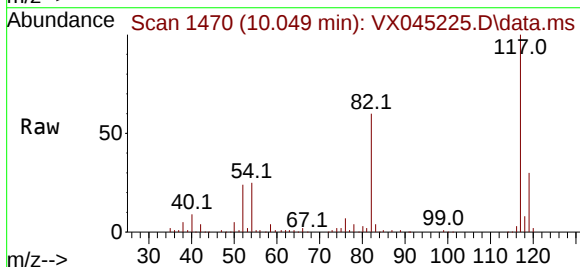
Tgt Ion: 117 Resp: 128566

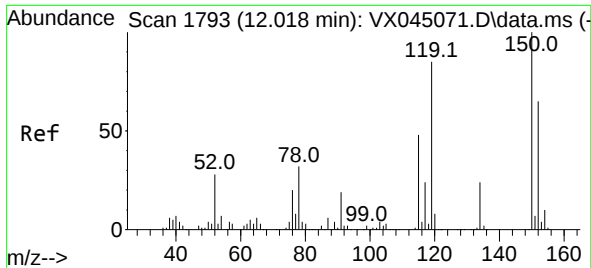
Ion Ratio Lower Upper

117 100

82 60.0 46.3 69.5

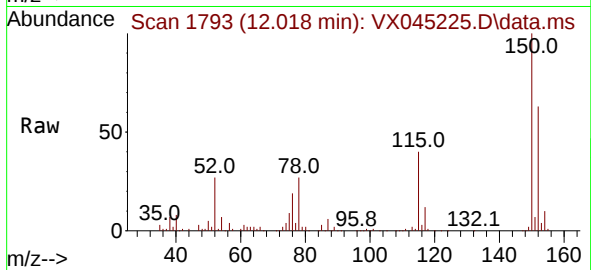
119 30.5 25.7 38.5





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX045225.D  
 Acq: 11 Mar 2025 15:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 52396  
 Ion Ratio Lower Upper  
 152 100  
 115 61.1 44.2 132.6  
 150 157.4 0.0 349.0

