

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032025\  
 Data File : VX045370.D  
 Acq On : 20 Mar 2025 18:42  
 Operator : JC/MD  
 Sample : Q1582-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE114D1-20250313

Quant Time: Mar 21 01:53:16 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

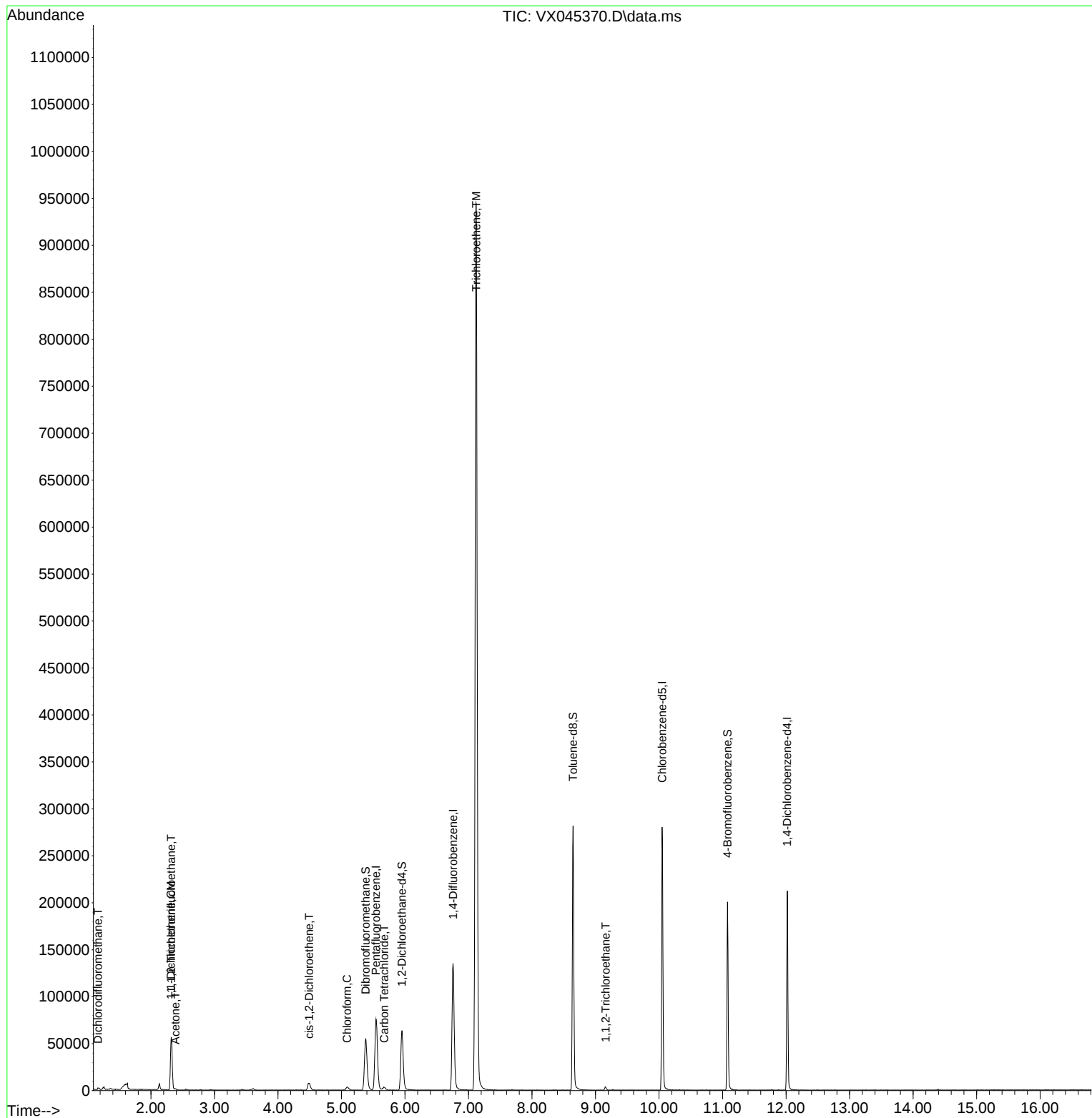
| Compound                     | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                        |           |       |          |          |            |          |
| Internal Standards           |           |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.544     | 168   | 66961    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757     | 114   | 131652   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.049    | 117   | 116452   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018    | 152   | 40317    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.952     | 65    | 61124    | 57.387   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 74 - 125 | Recovery | = 114.780% |          |
| 35) Dibromofluoromethane     | 5.379     | 113   | 46530    | 52.856   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | = 105.720% |          |
| 50) Toluene-d8               | 8.647     | 98    | 162641   | 50.961   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 86 - 113 | Recovery | = 101.920% |          |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 51938    | 49.111   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 77 - 121 | Recovery | = 98.220%  |          |
| Target Compounds             |           |       |          |          |            |          |
|                              |           |       |          |          | Qvalue     |          |
| 2) Dichlorodifluoromethane   | 1.166     | 85    | 950      | 1.127    | ug/l       | 78       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319     | 101   | 19924    | 25.601   | ug/l       | 97       |
| 12) 1,1-Dichloroethene       | 2.313     | 96    | 2872     | 3.490    | ug/l       | 86       |
| 16) Acetone                  | 2.386     | 43    | 1362     | 2.756    | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene   | 4.489     | 96    | 4703     | 4.687    | ug/l       | 97       |
| 30) Chloroform               | 5.086     | 83    | 4423     | 2.667    | ug/l       | 85       |
| 38) Carbon Tetrachloride     | 5.672     | 117   | 2641     | 2.155    | ug/l       | 99       |
| 44) Trichloroethene          | 7.123     | 130   | 347433   | 388.124  | ug/l       | 99       |
| 55) 1,1,2-Trichloroethane    | 9.159     | 97    | 1121     | 1.217    | ug/l       | 95       |
| -----                        |           |       |          |          |            |          |

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

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Quant Time: Mar 21 01:53:16 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

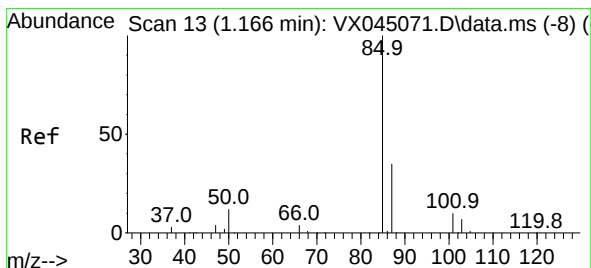
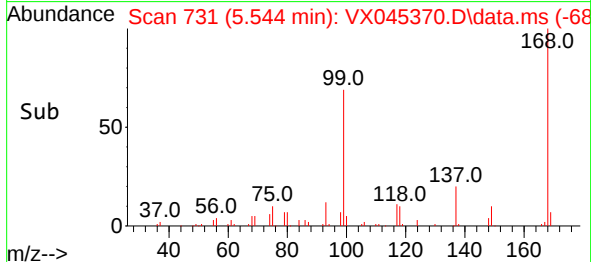
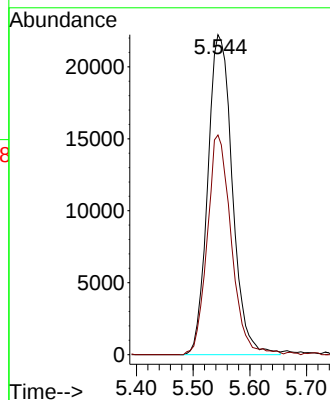
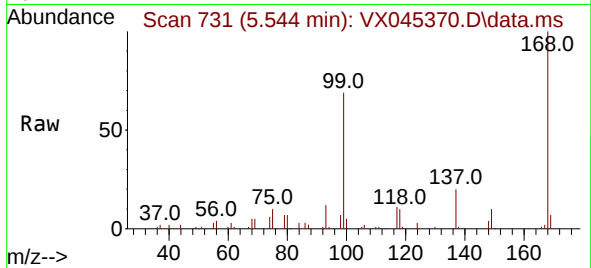




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

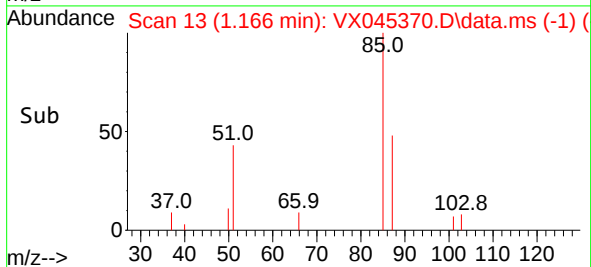
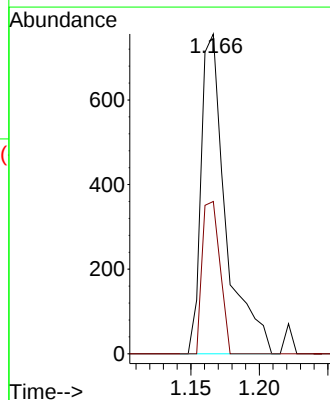
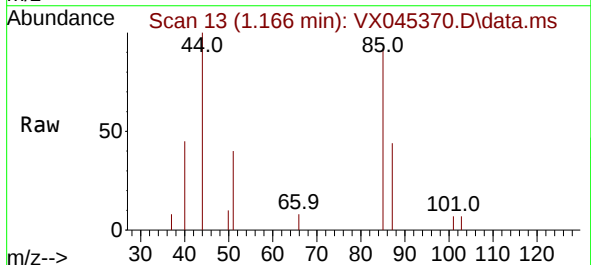
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20250313

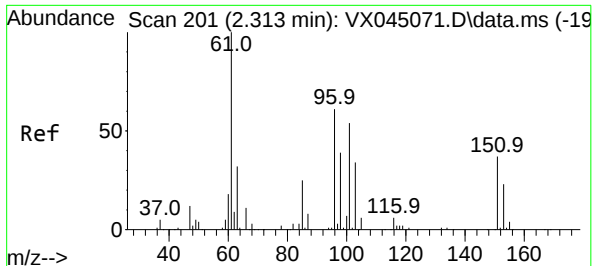
Tgt Ion:168 Resp: 66961  
Ion Ratio Lower Upper  
168 100  
99 68.7 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 1.127 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

Tgt Ion: 85 Resp: 950  
Ion Ratio Lower Upper  
85 100  
87 47.6 17.4 52.3

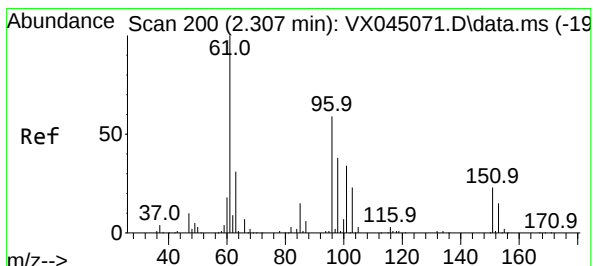
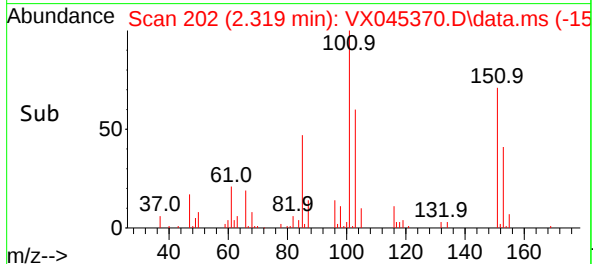
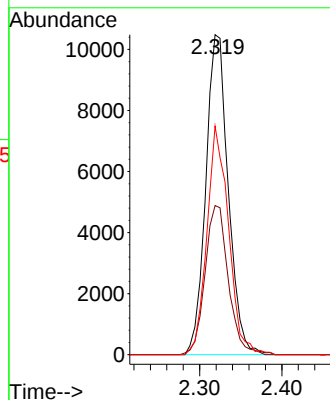
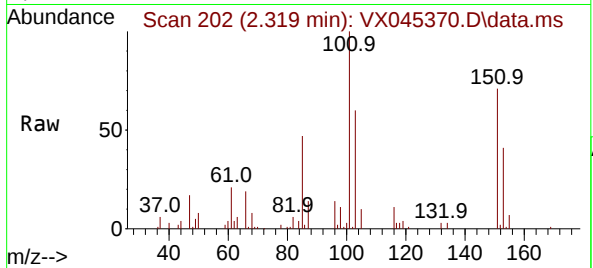




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 25.601 ug/l  
 RT: 2.319 min Scan# 201  
 Delta R.T. 0.006 min  
 Lab File: VX045370.D  
 Acq: 20 Mar 2025 18:42

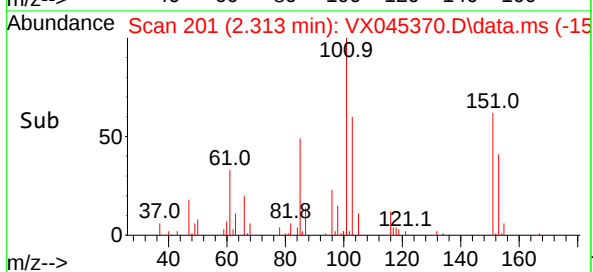
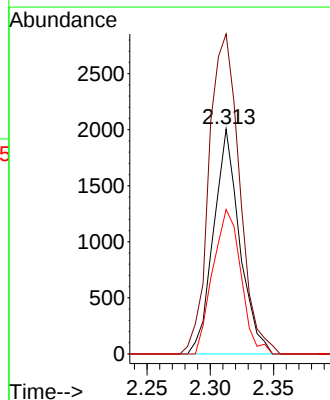
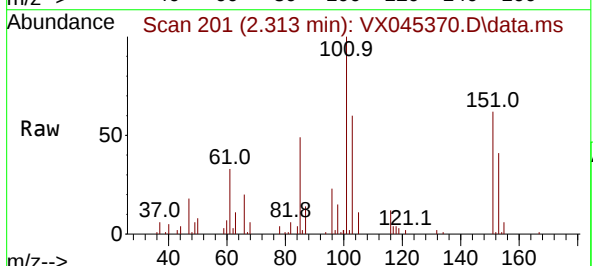
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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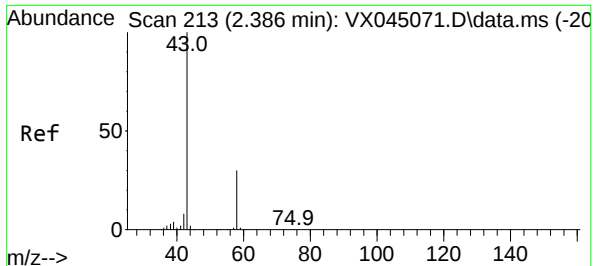
Tgt Ion:101 Resp: 19924  
 Ion Ratio Lower Upper  
 101 100  
 85 48.0 36.2 54.4  
 151 68.9 56.4 84.6



#12  
 1,1-Dichloroethene  
 Concen: 3.490 ug/l  
 RT: 2.313 min Scan# 201  
 Delta R.T. 0.006 min  
 Lab File: VX045370.D  
 Acq: 20 Mar 2025 18:42

Tgt Ion: 96 Resp: 2872  
 Ion Ratio Lower Upper  
 96 100  
 61 142.3 134.6 202.0  
 98 64.3 51.0 76.6

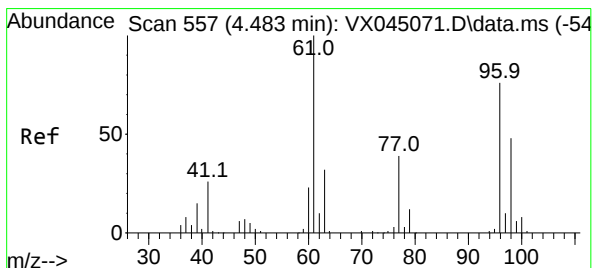
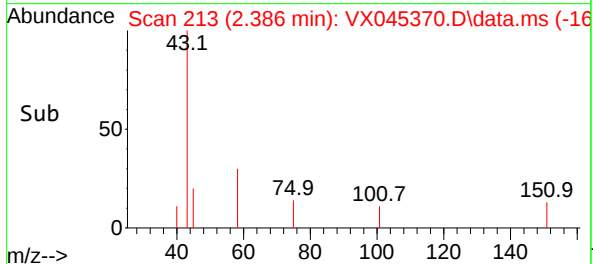
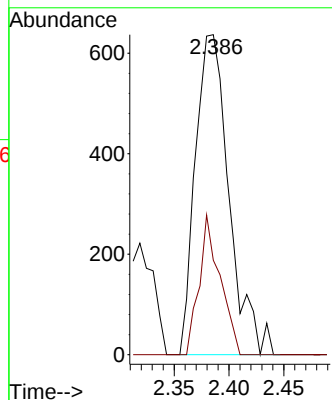
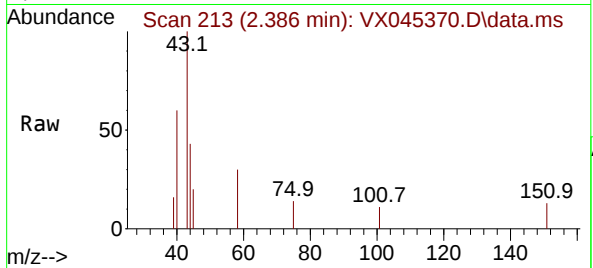




#16  
Acetone  
Concen: 2.756 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

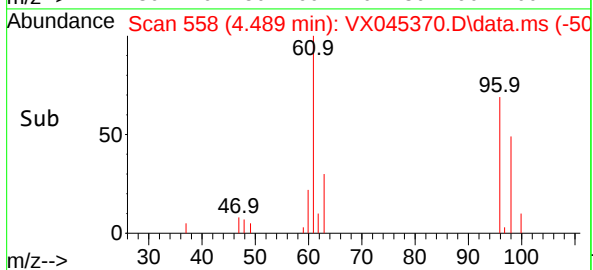
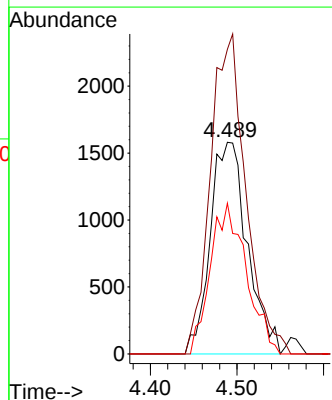
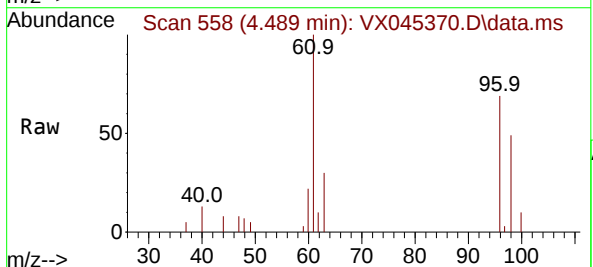
Instrument :  
MSVOA\_X  
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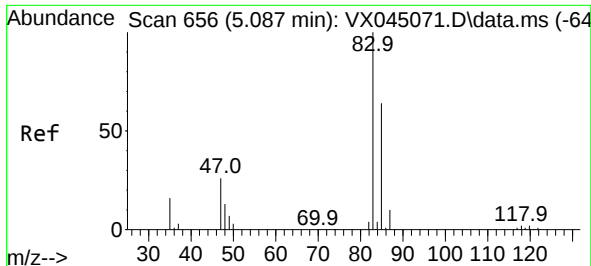
Tgt Ion: 43 Resp: 1362  
Ion Ratio Lower Upper  
43 100  
58 29.5 24.2 36.4



#27  
cis-1,2-Dichloroethene  
Concen: 4.687 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. 0.006 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

Tgt Ion: 96 Resp: 4703  
Ion Ratio Lower Upper  
96 100  
61 144.3 0.0 283.2  
98 69.0 0.0 128.0

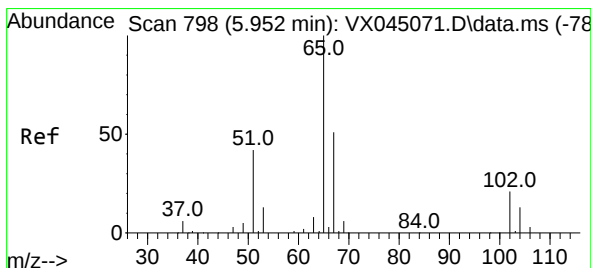
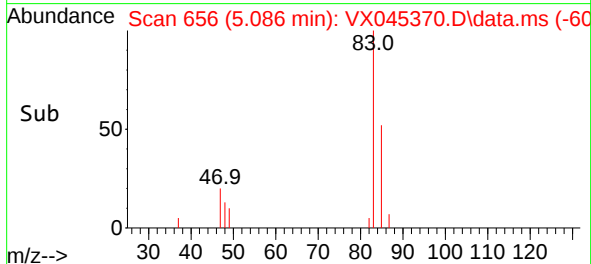
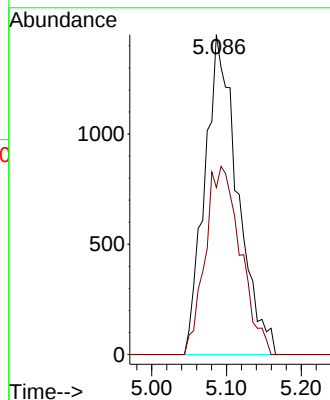
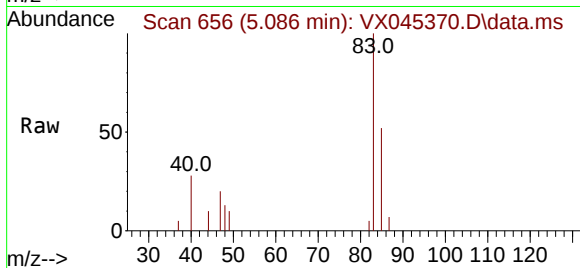




#30  
Chloroform  
Concen: 2.667 ug/l  
RT: 5.086 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

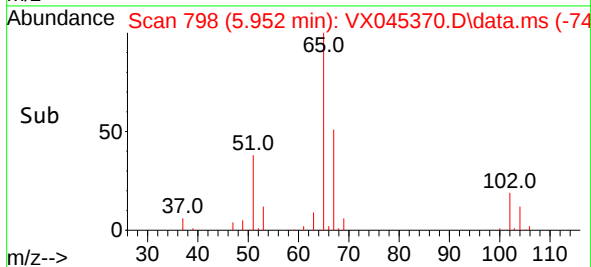
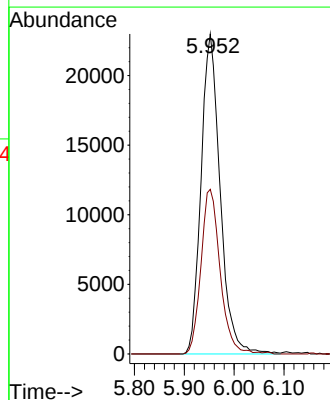
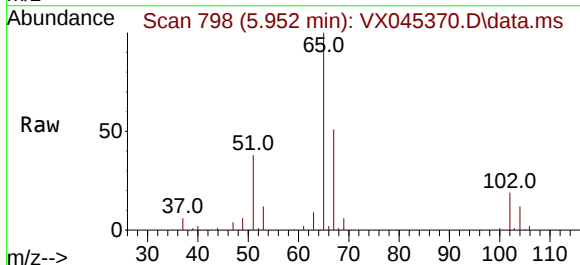
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20250313

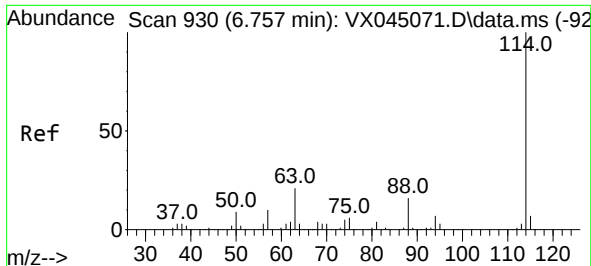
Tgt Ion: 83 Resp: 4423  
Ion Ratio Lower Upper  
83 100  
85 52.2 51.4 77.2



#33  
1,2-Dichloroethane-d4  
Concen: 57.387 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

Tgt Ion: 65 Resp: 61124  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 106.2

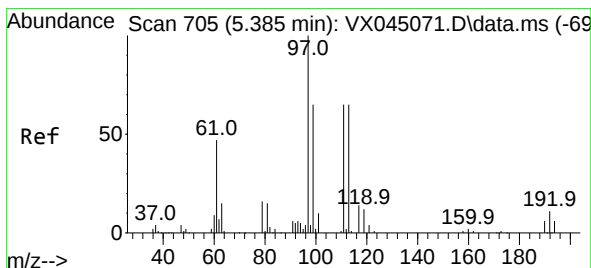
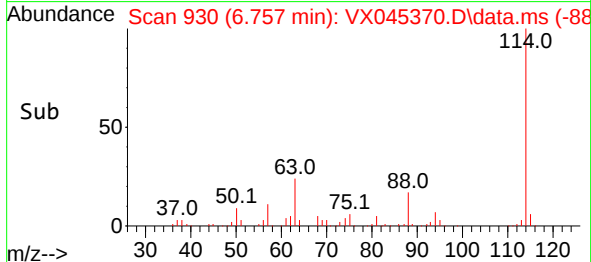
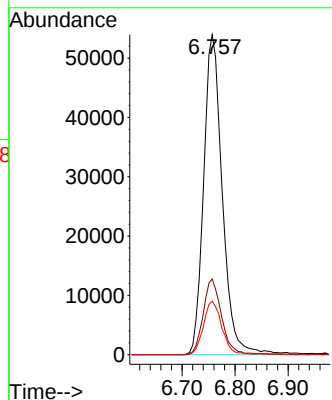
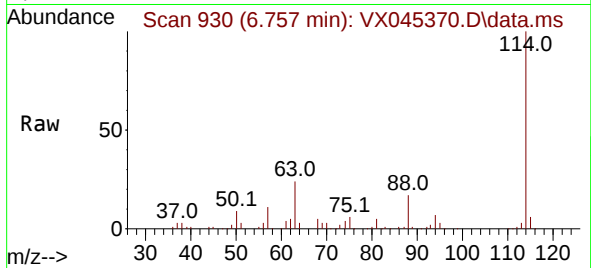




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

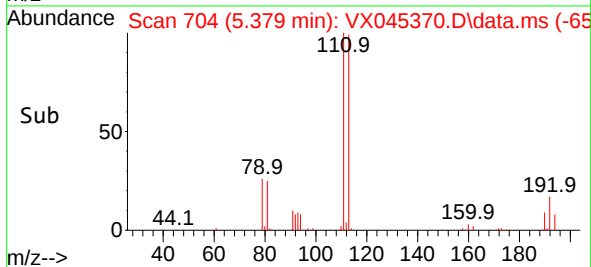
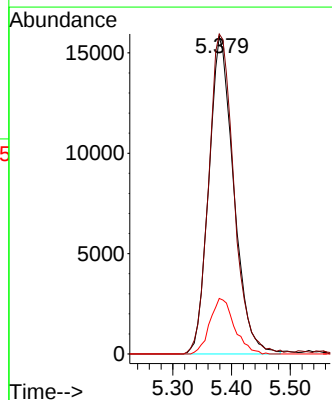
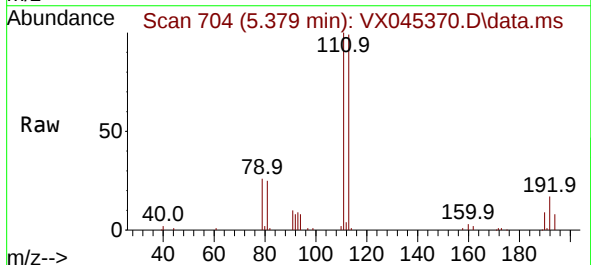
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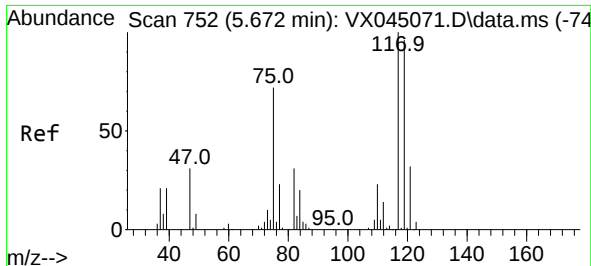
Tgt Ion:114 Resp: 131652  
Ion Ratio Lower Upper  
114 100  
63 23.7 0.0 41.8  
88 16.8 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 52.856 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

Tgt Ion:113 Resp: 46530  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.8 122.6  
192 17.2 14.3 21.5

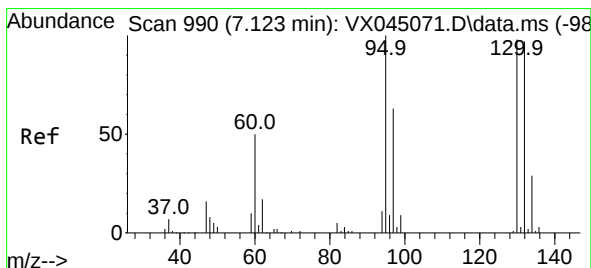
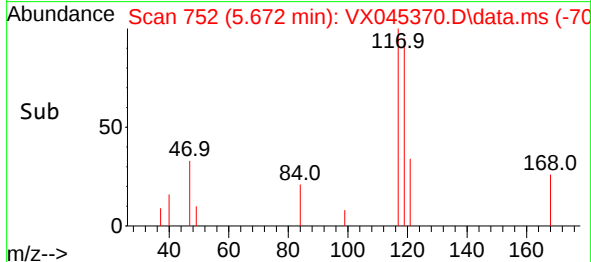
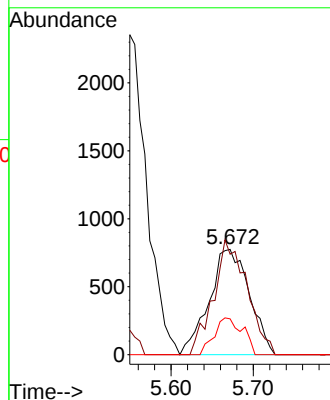
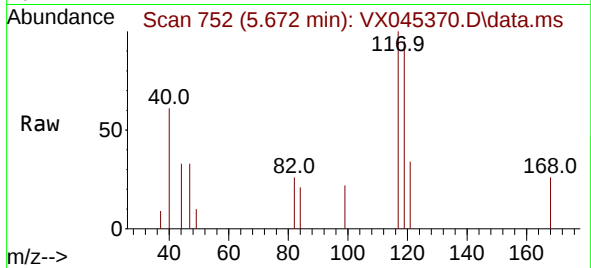




#38  
Carbon Tetrachloride  
Concen: 2.155 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. -0.000 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

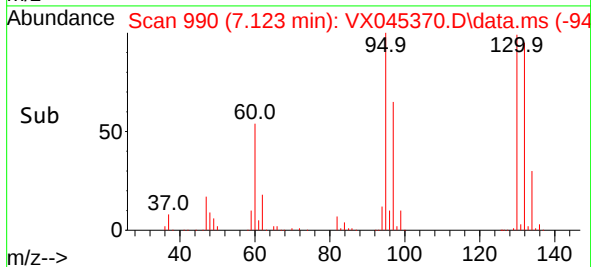
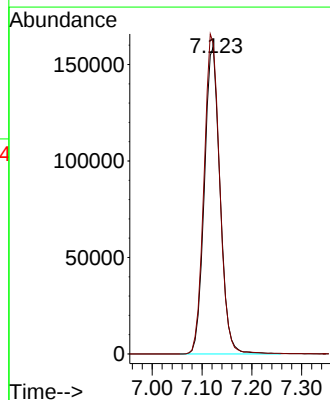
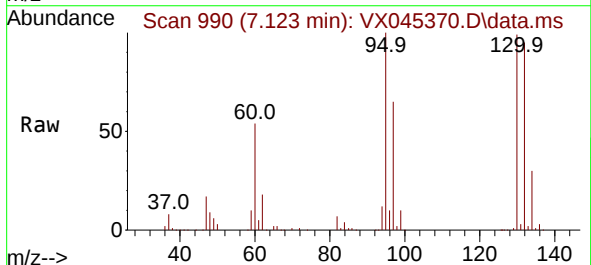
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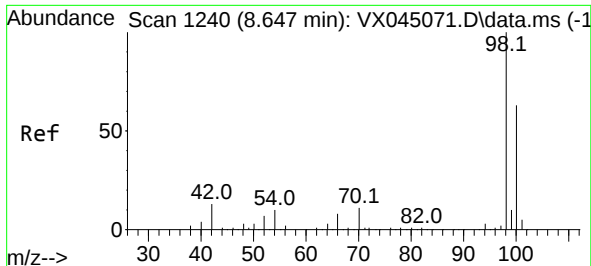
Tgt Ion:117 Resp: 2641  
Ion Ratio Lower Upper  
117 100  
119 95.4 76.7 115.1  
121 33.9 25.5 38.3



#44  
Trichloroethene  
Concen: 388.124 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

Tgt Ion:130 Resp: 347433  
Ion Ratio Lower Upper  
130 100  
95 101.2 0.0 205.0

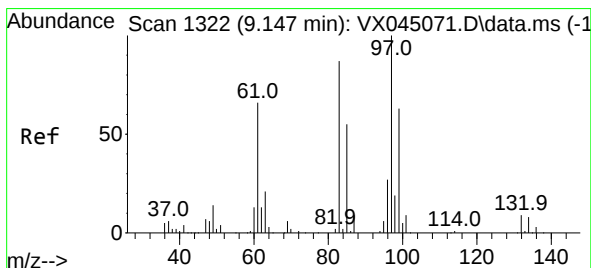
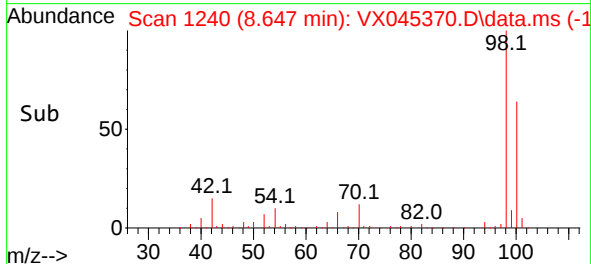
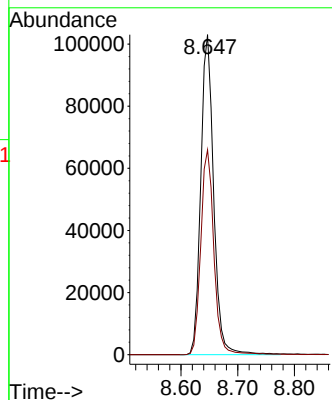
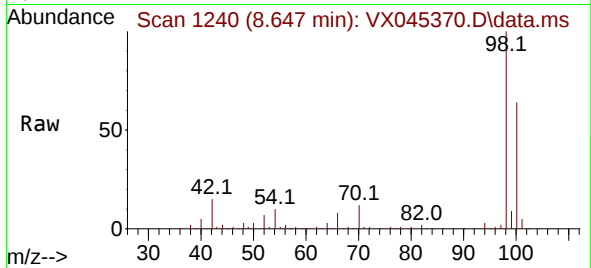




#50  
Toluene-d8  
Concen: 50.961 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

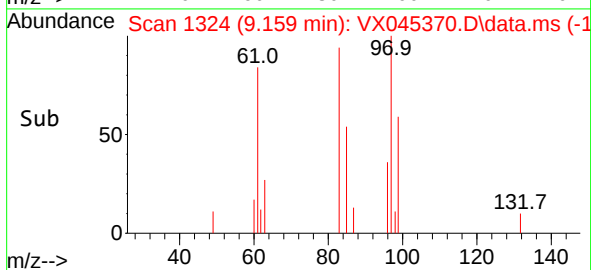
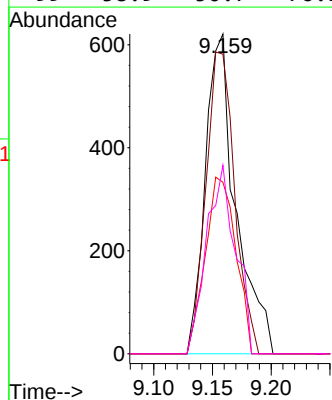
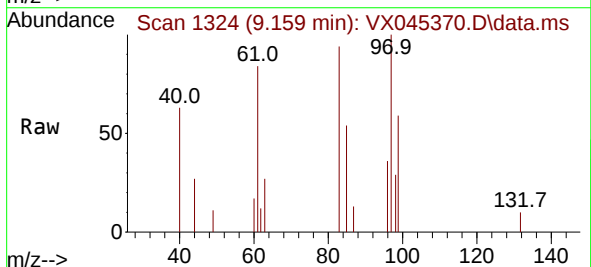
Instrument :  
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RE114D1-20250313

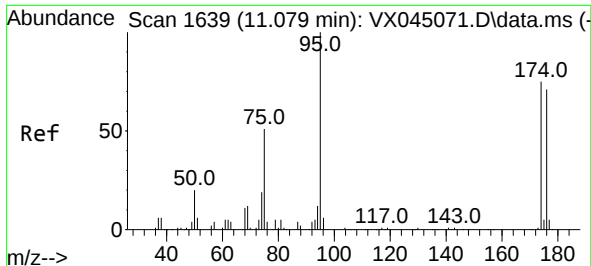
Tgt Ion: 98 Resp: 162641  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.0 78.0



#55  
1,1,2-Trichloroethane  
Concen: 1.217 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. 0.012 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

Tgt Ion: 97 Resp: 1121  
Ion Ratio Lower Upper  
97 100  
83 93.7 69.4 104.2  
85 53.6 44.1 66.1  
99 58.9 50.7 76.1

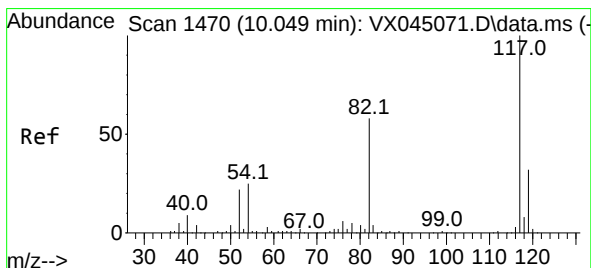
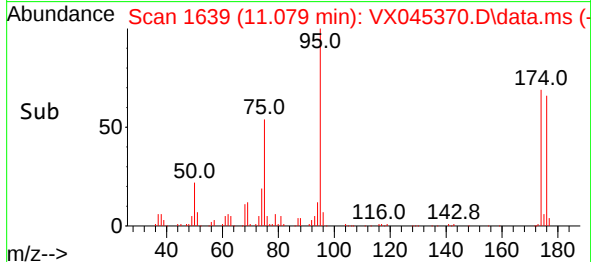
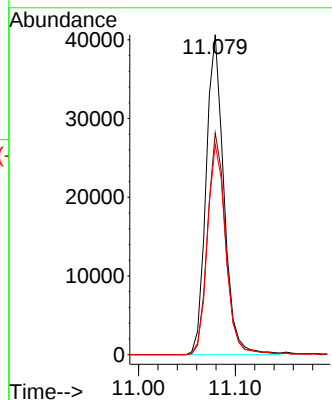
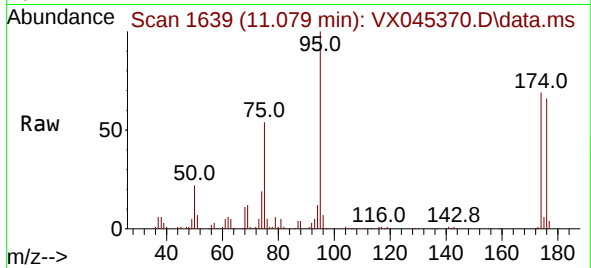




#62  
4-Bromofluorobenzene  
Concen: 49.111 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

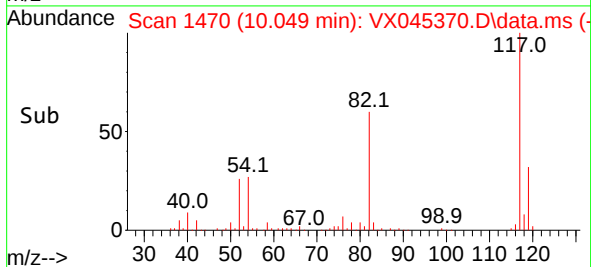
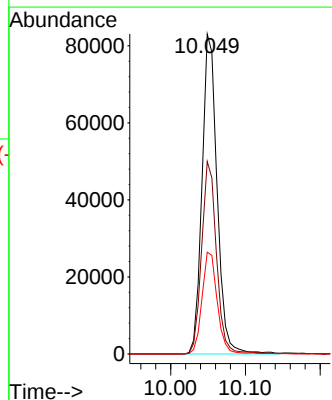
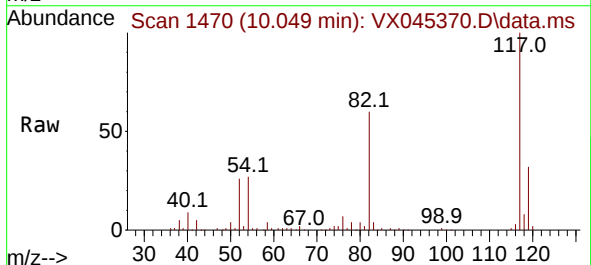
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20250313

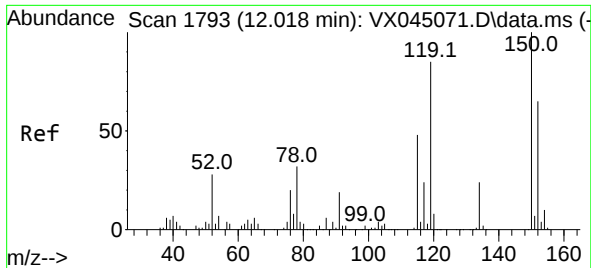
Tgt Ion: 95 Resp: 51938  
Ion Ratio Lower Upper  
95 100  
174 70.8 0.0 148.2  
176 68.6 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX045370.D  
Acq: 20 Mar 2025 18:42

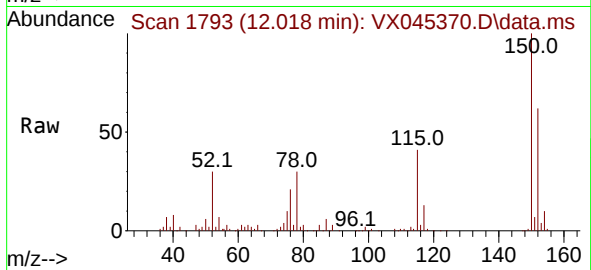
Tgt Ion: 117 Resp: 116452  
Ion Ratio Lower Upper  
117 100  
82 60.2 46.3 69.5  
119 31.8 25.7 38.5





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX045370.D  
 Acq: 20 Mar 2025 18:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE114D1-20250313



Tgt Ion:152 Resp: 40317  
 Ion Ratio Lower Upper  
 152 100  
 115 64.2 44.2 132.6  
 150 160.0 0.0 349.0

