

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031025\  
 Data File : VX045199.D  
 Acq On : 10 Mar 2025 16:25  
 Operator : JC/MD  
 Sample : Q1531-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE126D2-20250306

Quant Time: Mar 11 03:58:25 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

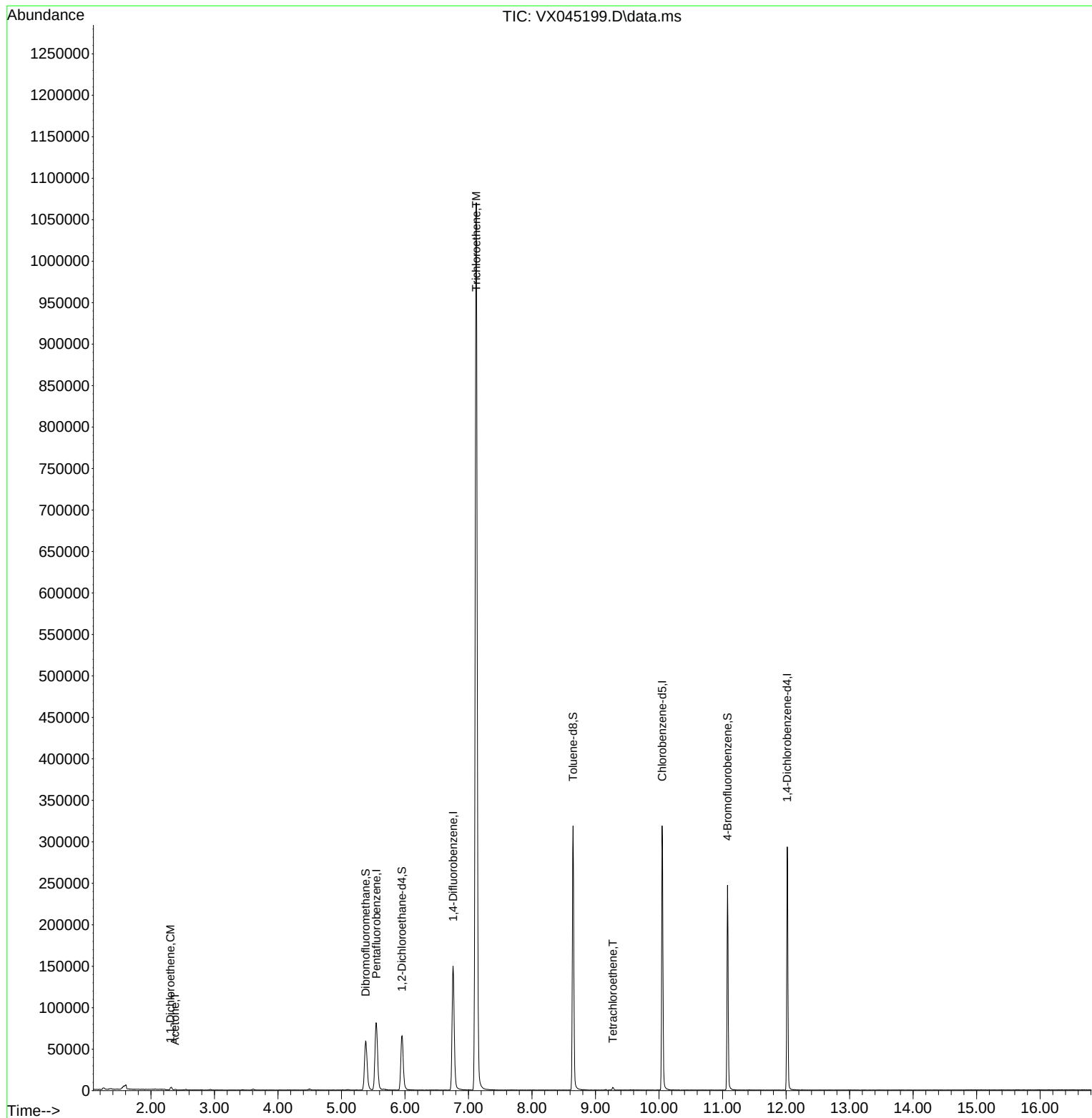
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550     | 168   | 76701    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114   | 151163   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.049    | 117   | 137156   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152   | 56943    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 63241    | 51.835   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 103.680% |
| 35) Dibromofluoromethane    | 5.379     | 113   | 51738    | 51.186   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 102.380% |
| 50) Toluene-d8              | 8.647     | 98    | 186578   | 50.916   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 101.840% |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 63696    | 52.455   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | =      | 104.920% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene      | 2.307     | 96    | 803      | 0.852    | ug/l # | 89       |
| 16) Acetone                 | 2.380     | 43    | 677      | 1.196    | ug/l # | 86       |
| 44) Trichloroethene         | 7.123     | 130   | 402962   | 392.053  | ug/l   | 100      |
| 64) Tetrachloroethene       | 9.275     | 164   | 572      | 0.651    | ug/l # | 82       |
| -----                       |           |       |          |          |        |          |

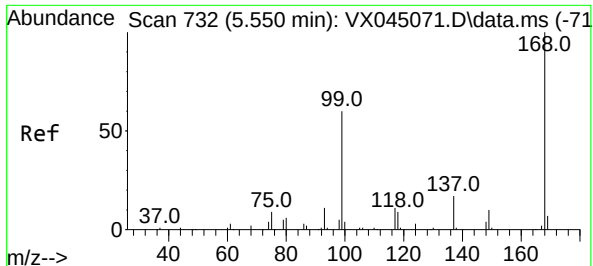
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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Quant Title : SW846 8260  
QLast Update : Fri Feb 28 06:45:16 2025  
Response via : Initial Calibration

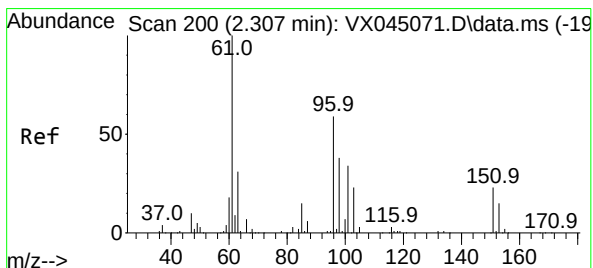
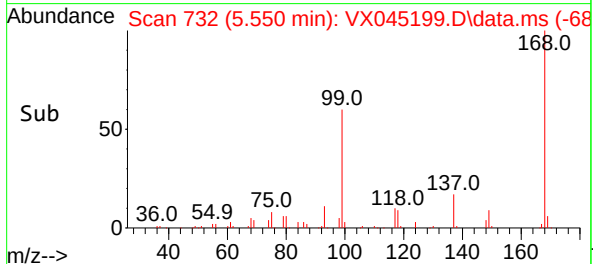
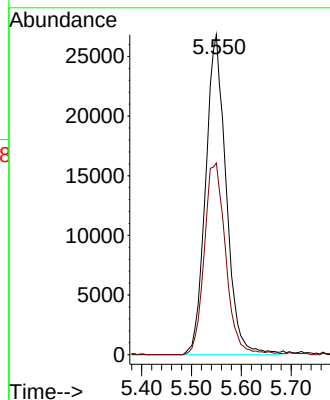
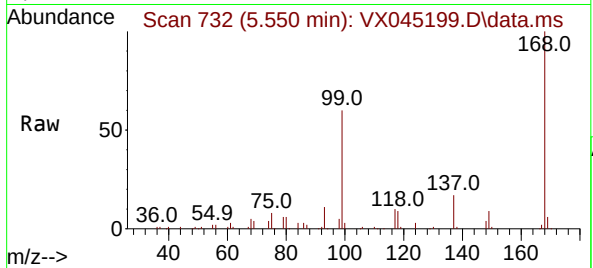




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX045199.D  
Acq: 10 Mar 2025 16:25

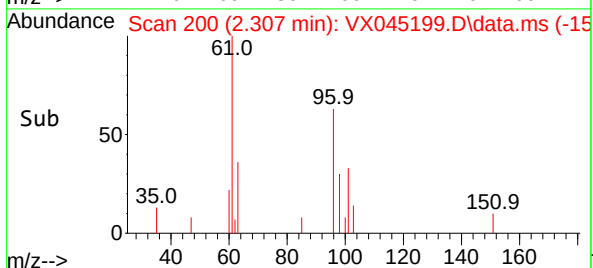
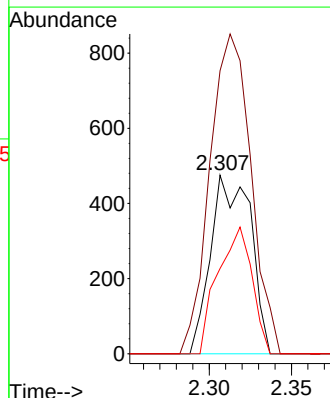
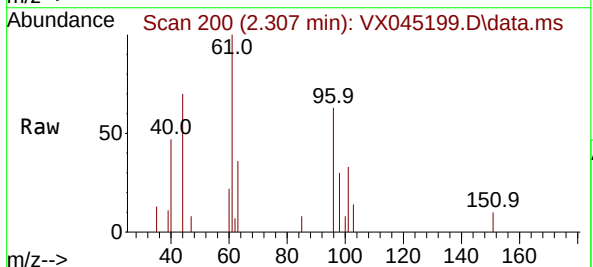
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MSVOA\_X  
ClientSampleId :  
RE126D2-20250306

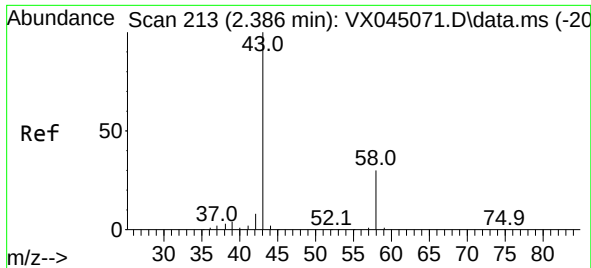
Tgt Ion:168 Resp: 76701  
Ion Ratio Lower Upper  
168 100  
99 59.9 48.2 72.4



#12  
1,1-Dichloroethene  
Concen: 0.852 ug/l  
RT: 2.307 min Scan# 200  
Delta R.T. 0.000 min  
Lab File: VX045199.D  
Acq: 10 Mar 2025 16:25

Tgt Ion: 96 Resp: 803  
Ion Ratio Lower Upper  
96 100  
61 158.5 134.6 202.0  
98 47.8 51.0 76.6#

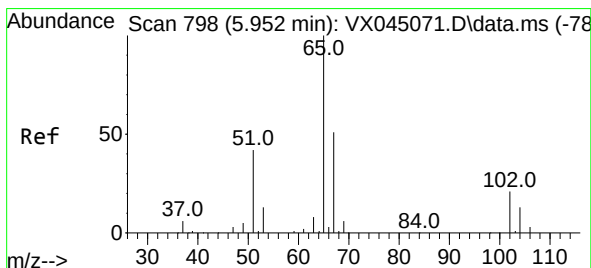
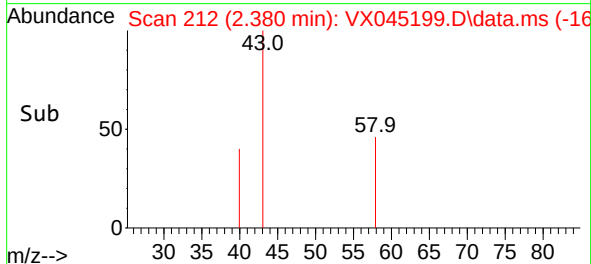
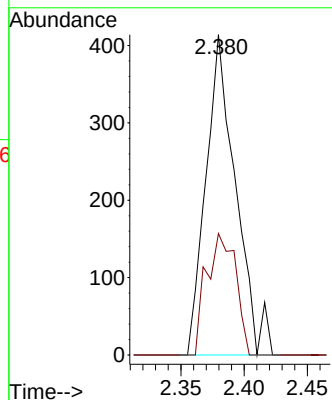
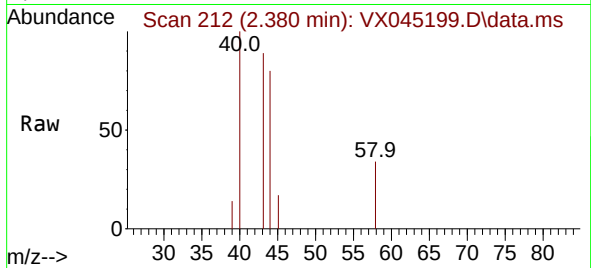




#16  
Acetone  
Concen: 1.196 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX045199.D  
Acq: 10 Mar 2025 16:25

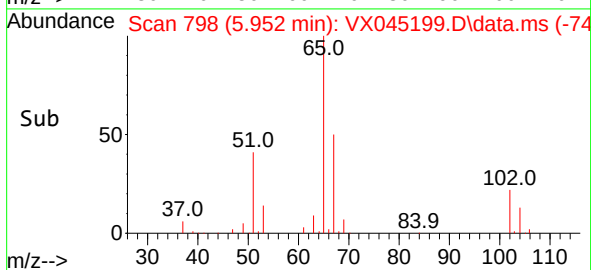
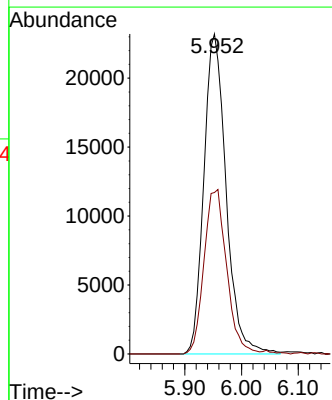
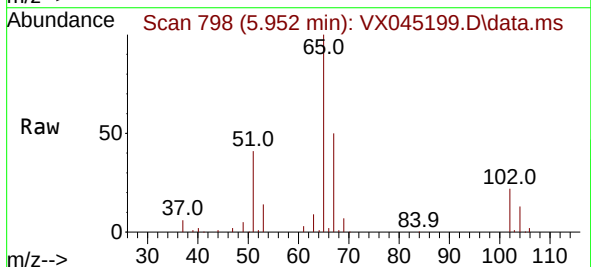
Instrument :  
MSVOA\_X  
ClientSampleId :  
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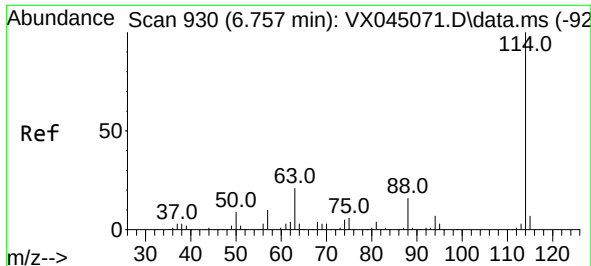
Tgt Ion: 43 Resp: 677  
Ion Ratio Lower Upper  
43 100  
58 37.9 24.2 36.4#



#33  
1,2-Dichloroethane-d4  
Concen: 51.835 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX045199.D  
Acq: 10 Mar 2025 16:25

Tgt Ion: 65 Resp: 63241  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 106.2

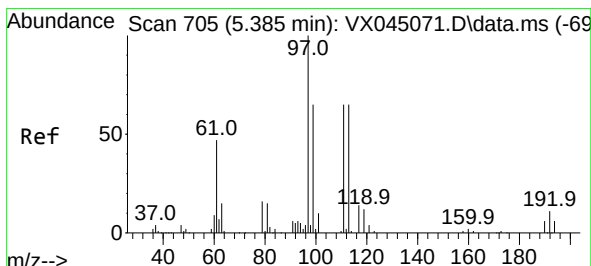
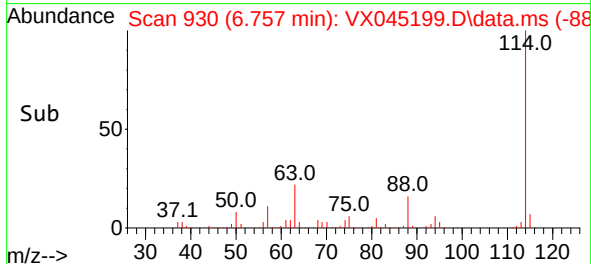
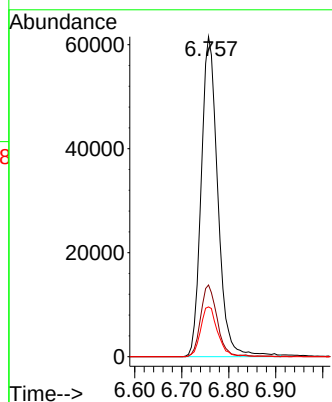
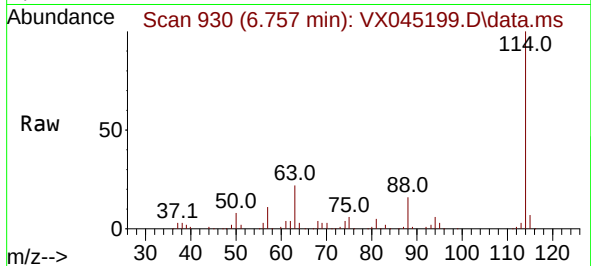




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VX045199.D  
 Acq: 10 Mar 2025 16:25

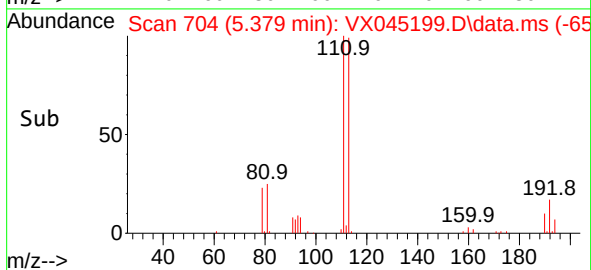
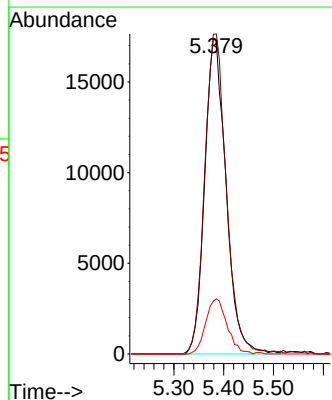
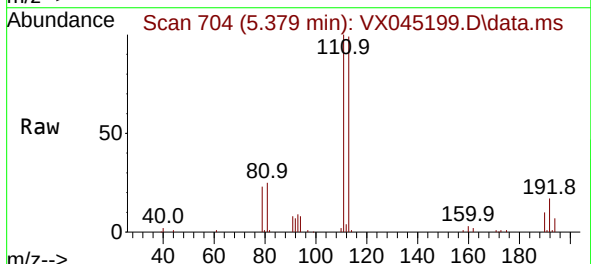
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE126D2-20250306

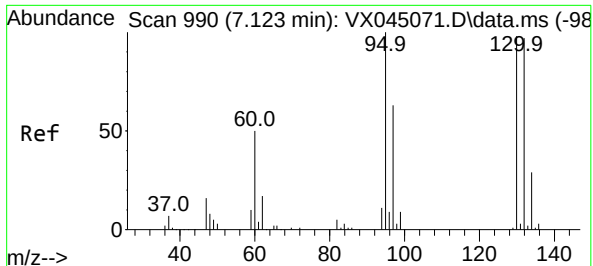
Tgt Ion:114 Resp: 151163  
 Ion Ratio Lower Upper  
 114 100  
 63 22.4 0.0 41.8  
 88 15.5 0.0 32.8



#35  
 Dibromofluoromethane  
 Concen: 51.186 ug/l  
 RT: 5.379 min Scan# 704  
 Delta R.T. -0.006 min  
 Lab File: VX045199.D  
 Acq: 10 Mar 2025 16:25

Tgt Ion:113 Resp: 51738  
 Ion Ratio Lower Upper  
 113 100  
 111 102.7 81.8 122.6  
 192 17.4 14.3 21.5

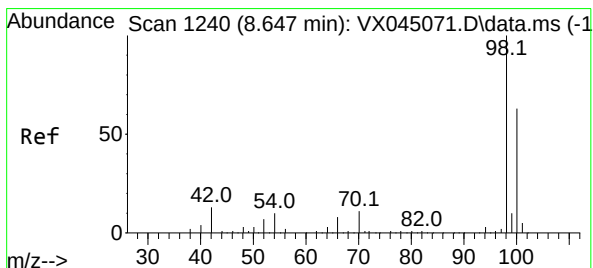
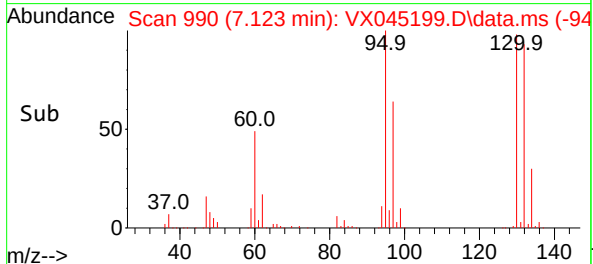
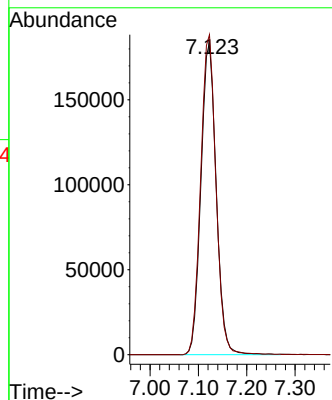
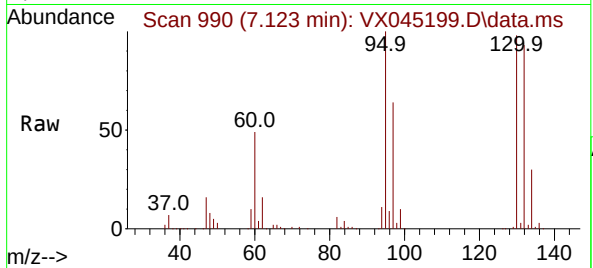




#44  
Trichloroethene  
Concen: 392.053 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX045199.D  
Acq: 10 Mar 2025 16:25

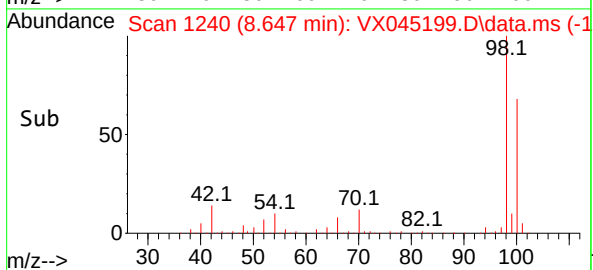
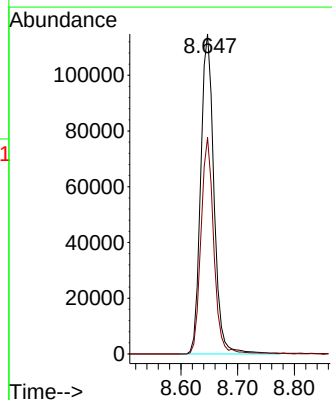
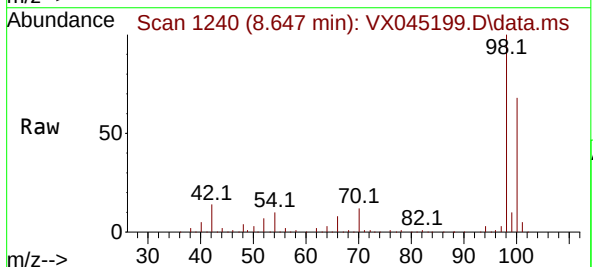
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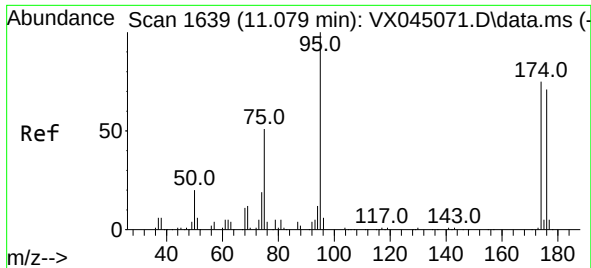
Tgt Ion:130 Resp: 402962  
Ion Ratio Lower Upper  
130 100  
95 102.4 0.0 205.0



#50  
Toluene-d8  
Concen: 50.916 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX045199.D  
Acq: 10 Mar 2025 16:25

Tgt Ion: 98 Resp: 186578  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.0 78.0

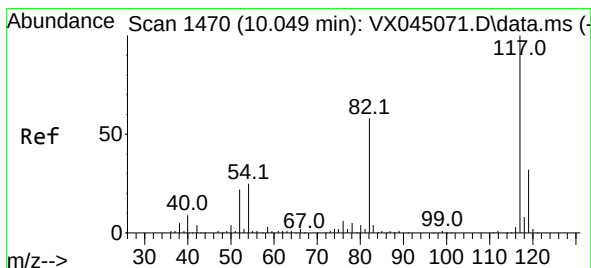
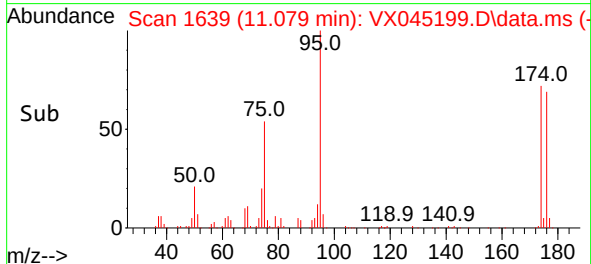
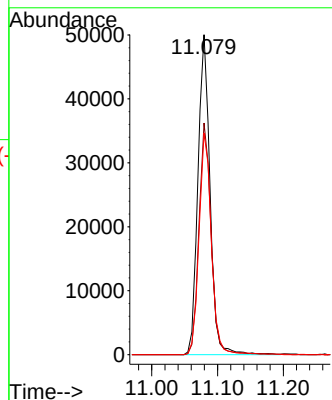
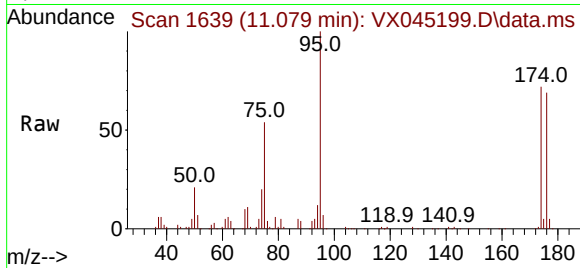




#62  
4-Bromofluorobenzene  
Concen: 52.455 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX045199.D  
Acq: 10 Mar 2025 16:25

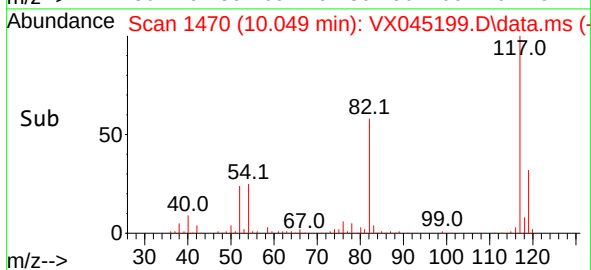
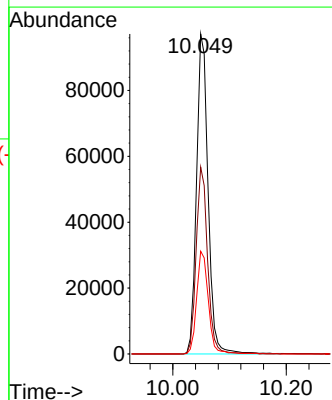
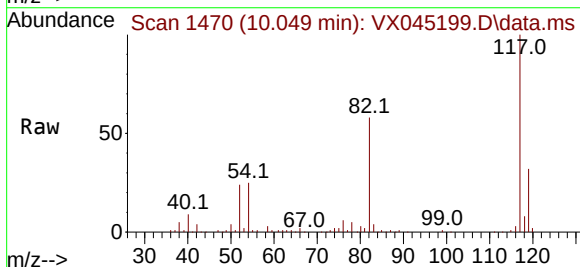
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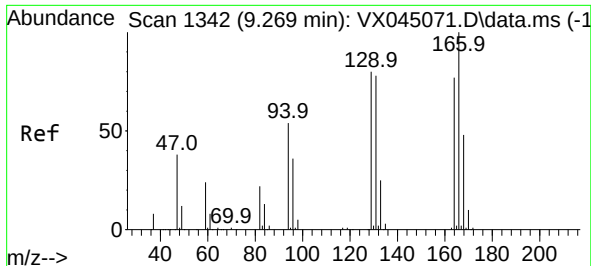
Tgt Ion: 95 Resp: 63696  
Ion Ratio Lower Upper  
95 100  
174 73.2 0.0 148.2  
176 70.8 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX045199.D  
Acq: 10 Mar 2025 16:25

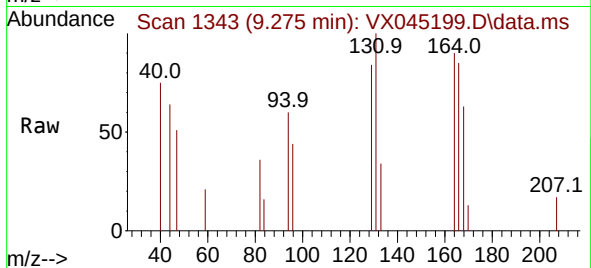
Tgt Ion: 117 Resp: 137156  
Ion Ratio Lower Upper  
117 100  
82 58.4 46.3 69.5  
119 32.1 25.7 38.5



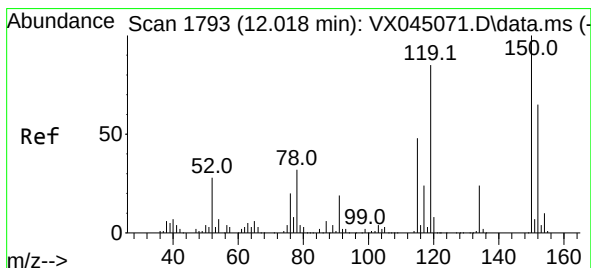
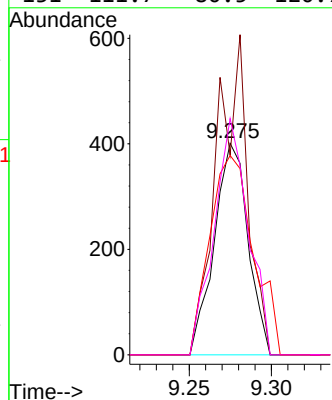
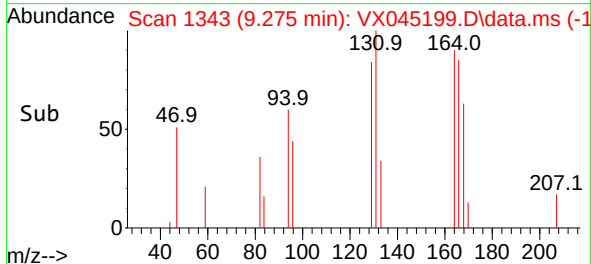


#64  
Tetrachloroethene  
Concen: 0.651 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX045199.D  
Acq: 10 Mar 2025 16:25

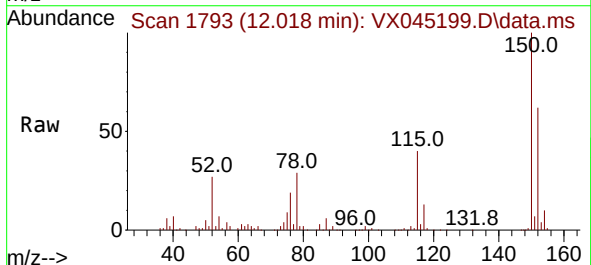
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE126D2-20250306



Tgt Ion:164 Resp: 572  
Ion Ratio Lower Upper  
164 100  
166 94.5 103.6 155.4#  
129 94.3 82.7 124.1  
131 111.7 80.5 120.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX045199.D  
Acq: 10 Mar 2025 16:25



Tgt Ion:152 Resp: 56943  
Ion Ratio Lower Upper  
152 100  
115 62.0 44.2 132.6  
150 157.3 0.0 349.0

