

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041625\  
 Data File : VX045804.D  
 Acq On : 16 Apr 2025 13:48  
 Operator : JC/MD  
 Sample : PB167604ZHE#62  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB167604ZHE#62

Quant Time: Apr 17 01:36:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

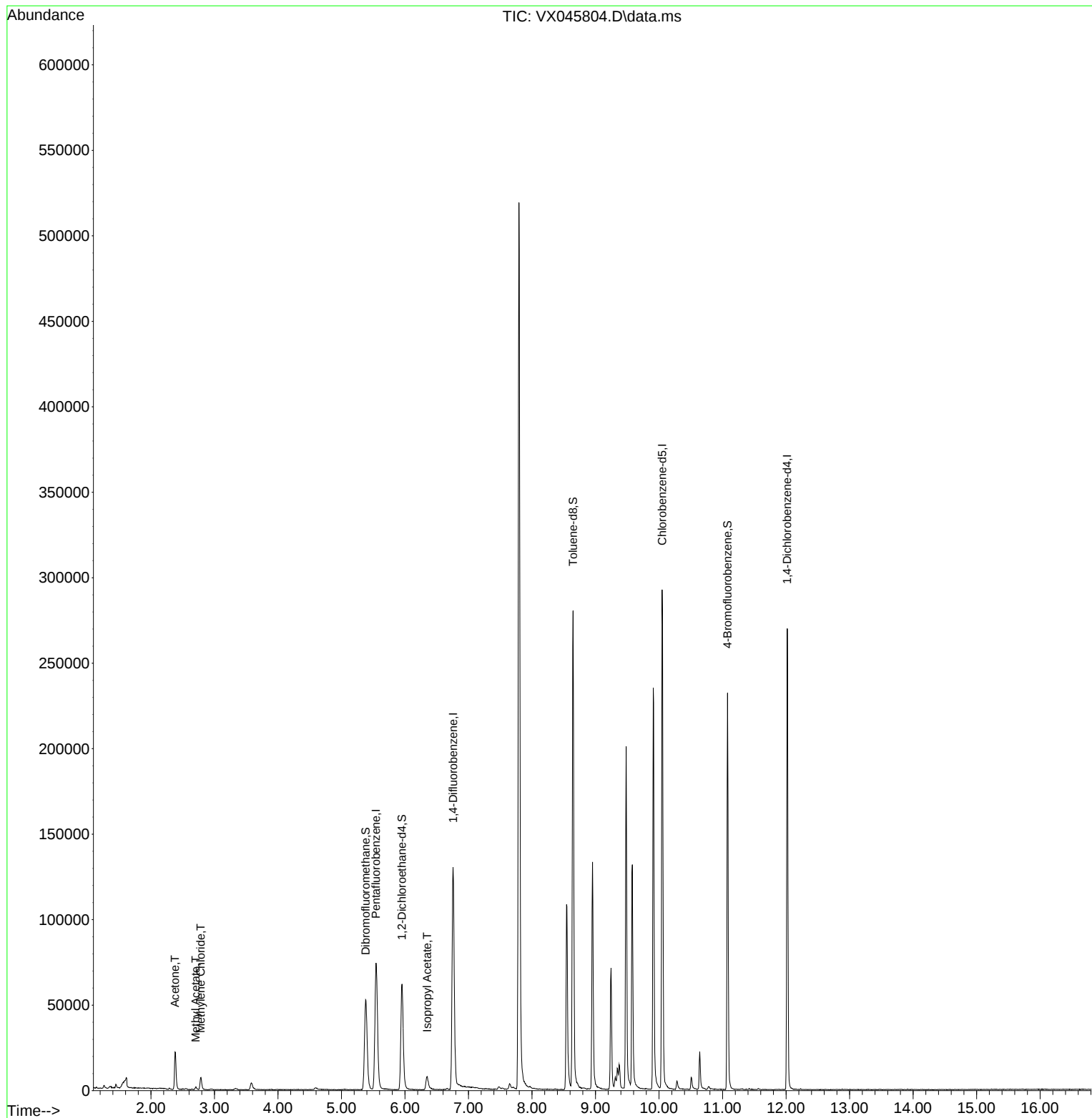
| Compound                    | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                       |           |                |          |            |        |          |
| Internal Standards          |           |                |          |            |        |          |
| 1) Pentafluorobenzene       | 5.544     | 168            | 64392    | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114            | 126781   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.049    | 117            | 119140   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152            | 50415    | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65             | 63759    | 54.145     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 74 - 125 | Recovery | = 108.280% |        |          |
| 35) Dibromofluoromethane    | 5.379     | 113            | 46337    | 51.513     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | = 103.020% |        |          |
| 50) Toluene-d8              | 8.647     | 98             | 160089   | 50.989     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 86 - 113 | Recovery | = 101.980% |        |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95             | 60725    | 53.099     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 77 - 121 | Recovery | = 106.200% |        |          |
| Target Compounds            |           |                |          |            |        |          |
|                             |           |                |          |            | Qvalue |          |
| 16) Acetone                 | 2.380     | 43             | 24913    | 51.522     | ug/l   | 97       |
| 18) Methyl Acetate          | 2.703     | 43             | 1977     | 1.776      | ug/l   | 97       |
| 20) Methylene Chloride      | 2.782     | 84             | 3276     | 3.619      | ug/l # | 88       |
| 43) Isopropyl Acetate       | 6.348     | 43             | 11649    | 5.022      | ug/l   | 99       |
| -----                       |           |                |          |            |        |          |

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

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ClientSampleId :  
PB167604ZHE#62

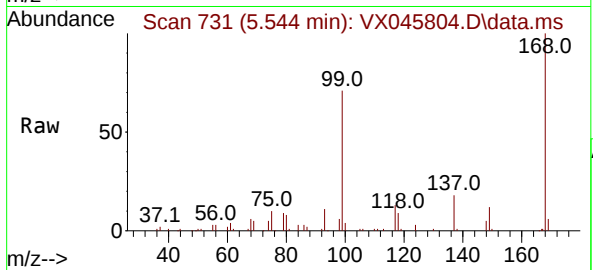
Quant Time: Apr 17 01:36:34 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 02 03:11:43 2025  
Response via : Initial Calibration



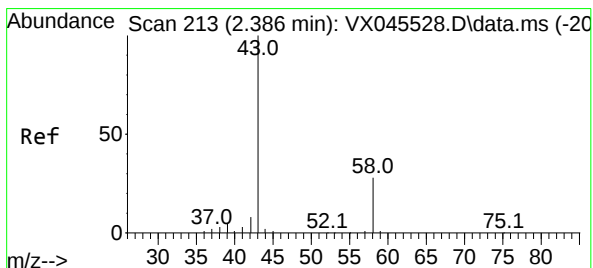
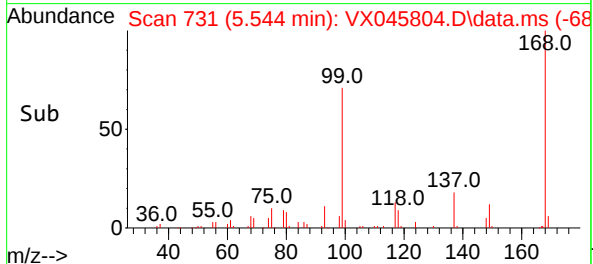
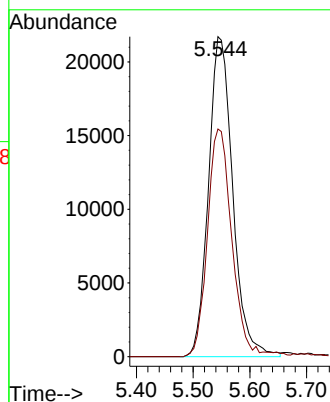


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045804.D  
Acq: 16 Apr 2025 13:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167604ZHE#62

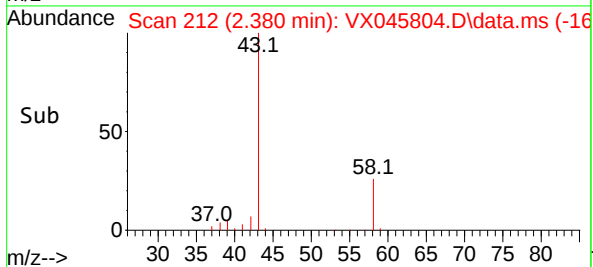
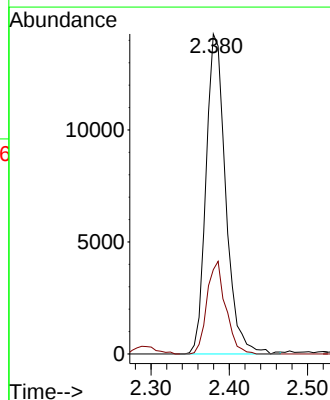
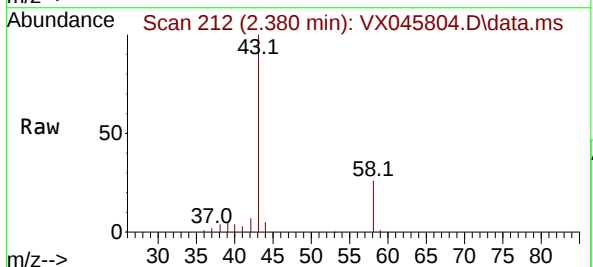


Tgt Ion:168 Resp: 64392  
Ion Ratio Lower Upper  
168 100  
99 71.2 52.3 78.5



#16  
Acetone  
Concen: 51.522 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX045804.D  
Acq: 16 Apr 2025 13:48

Tgt Ion: 43 Resp: 24913  
Ion Ratio Lower Upper  
43 100  
58 26.3 22.3 33.5

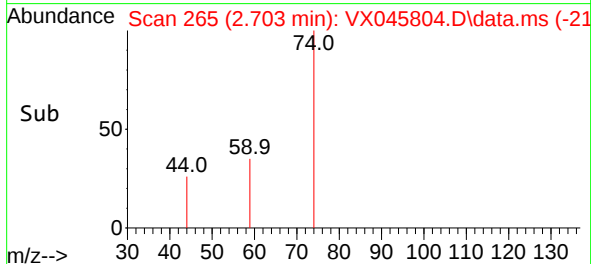
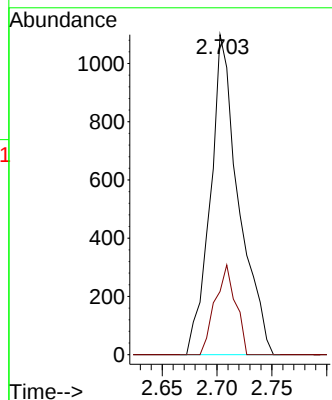
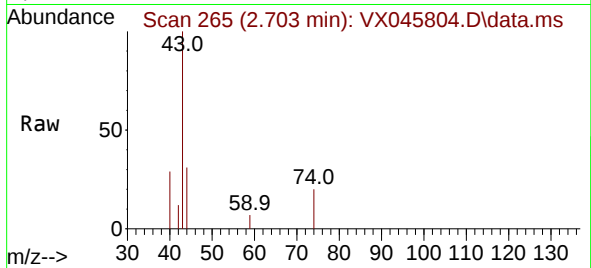




#18  
Methyl Acetate  
Concen: 1.776 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX045804.D  
Acq: 16 Apr 2025 13:48

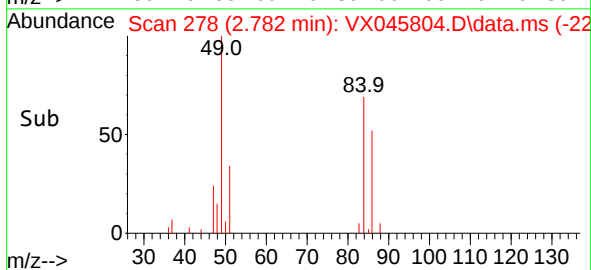
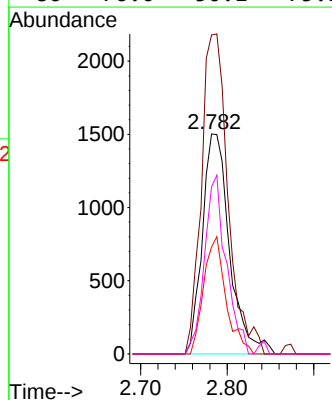
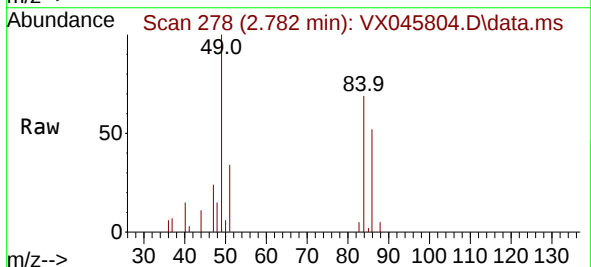
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167604ZHE#62

Tgt Ion: 43 Resp: 1977  
Ion Ratio Lower Upper  
43 100  
74 20.3 17.5 26.3



#20  
Methylene Chloride  
Concen: 3.619 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX045804.D  
Acq: 16 Apr 2025 13:48

Tgt Ion: 84 Resp: 3276  
Ion Ratio Lower Upper  
84 100  
49 145.0 107.5 161.3  
51 48.6 33.0 49.6  
86 76.0 50.1 75.1#

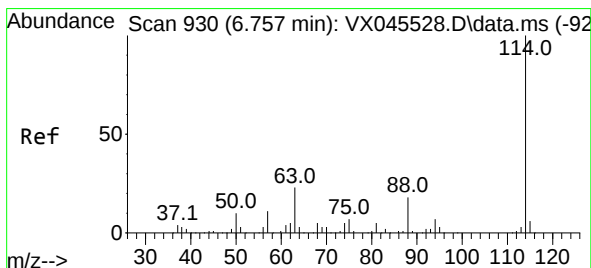
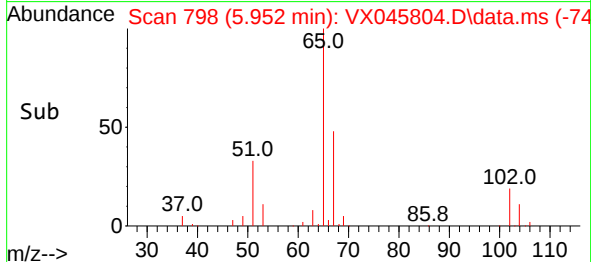
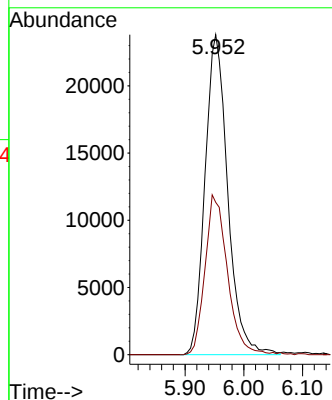
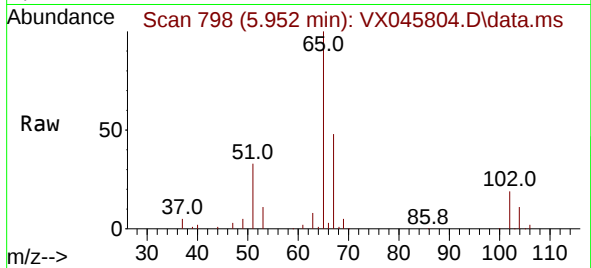




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.145 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. -0.000 min  
 Lab File: VX045804.D  
 Acq: 16 Apr 2025 13:48

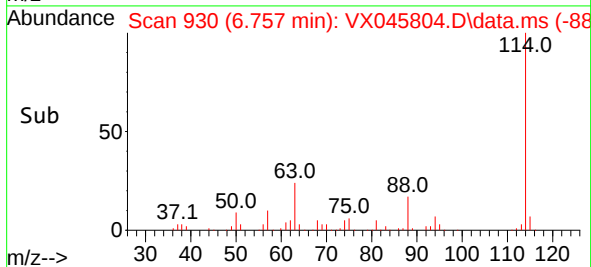
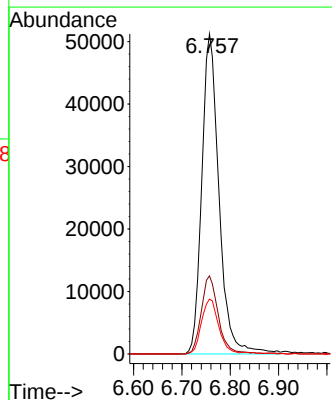
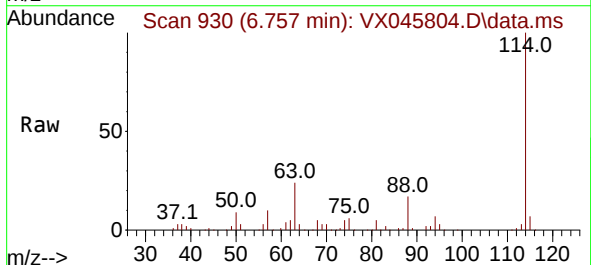
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB167604ZHE#62

Tgt Ion: 65 Resp: 63759  
 Ion Ratio Lower Upper  
 65 100  
 67 49.3 0.0 99.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.000 min  
 Lab File: VX045804.D  
 Acq: 16 Apr 2025 13:48

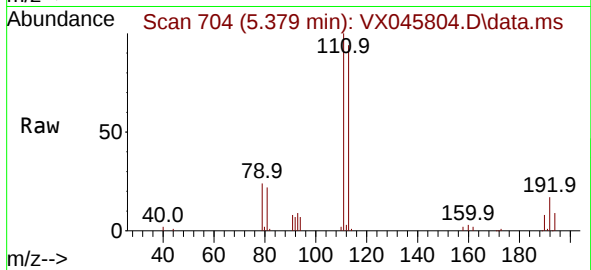
Tgt Ion: 114 Resp: 126781  
 Ion Ratio Lower Upper  
 114 100  
 63 24.4 0.0 46.8  
 88 17.1 0.0 35.4



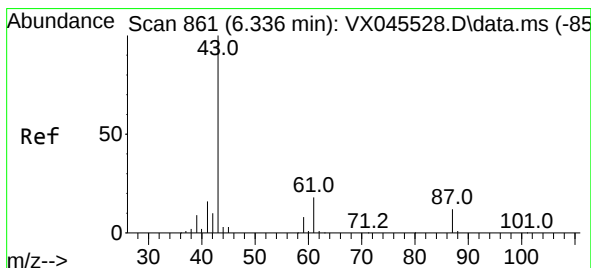
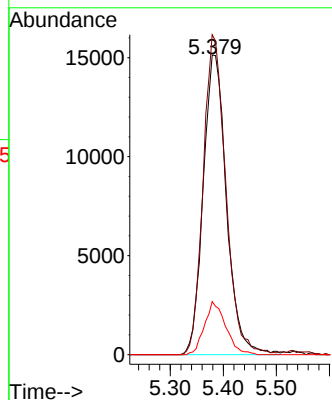
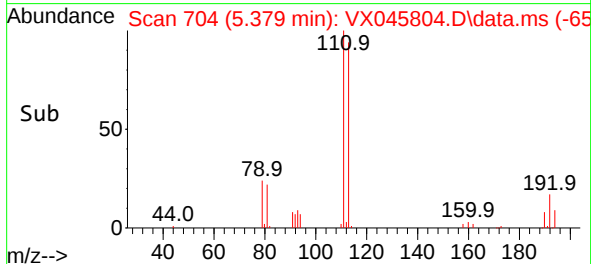


#35  
Dibromofluoromethane  
Concen: 51.513 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX045804.D  
Acq: 16 Apr 2025 13:48

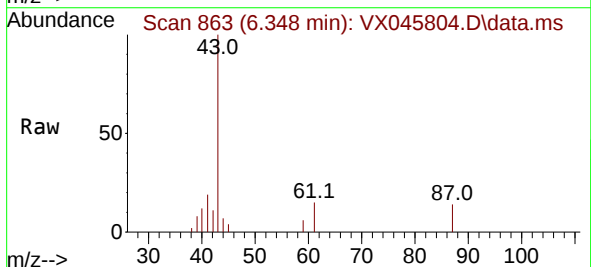
Instrument :  
MSVOA\_X  
ClientSampleId :  
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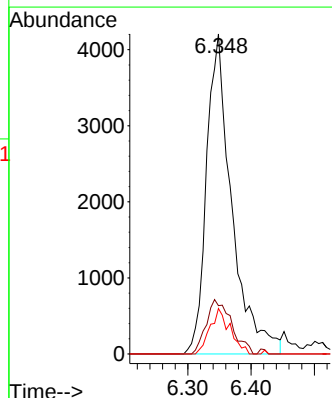
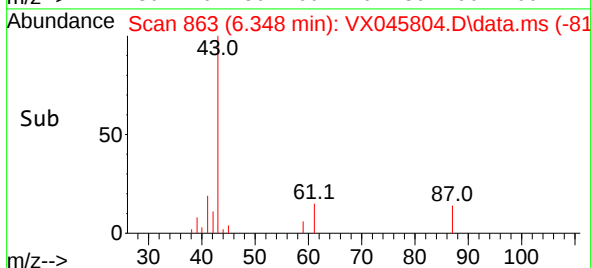
Tgt Ion:113 Resp: 46337  
Ion Ratio Lower Upper  
113 100  
111 103.2 81.8 122.6  
192 16.2 13.8 20.6



#43  
Isopropyl Acetate  
Concen: 5.022 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.012 min  
Lab File: VX045804.D  
Acq: 16 Apr 2025 13:48



Tgt Ion: 43 Resp: 11649  
Ion Ratio Lower Upper  
43 100  
61 17.0 14.1 21.1  
87 11.3 9.2 13.8

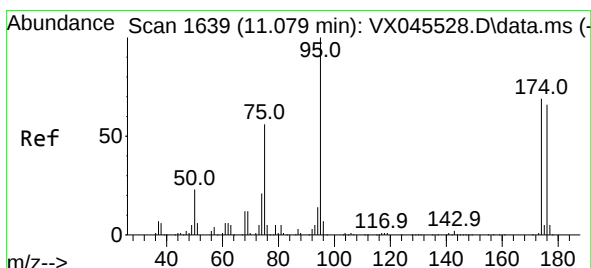
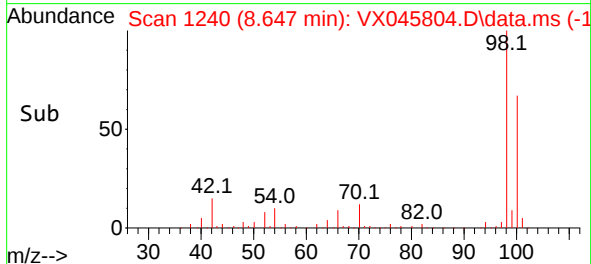
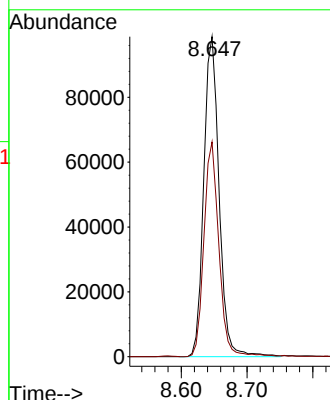
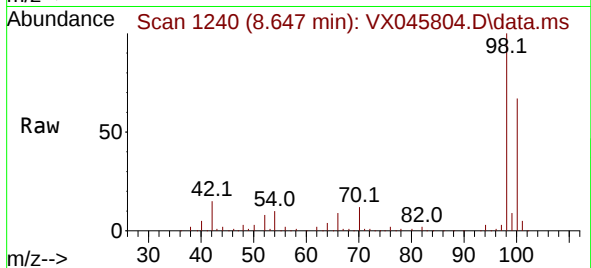




#50  
Toluene-d8  
Concen: 50.989 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045804.D  
Acq: 16 Apr 2025 13:48

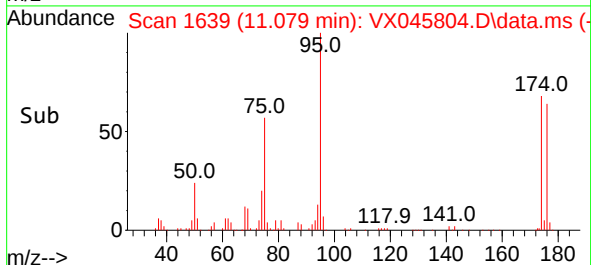
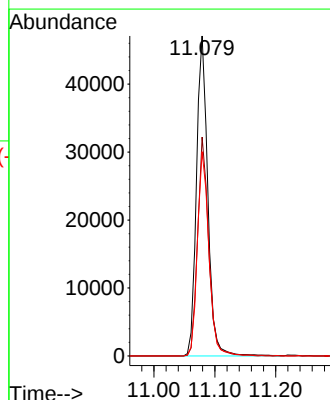
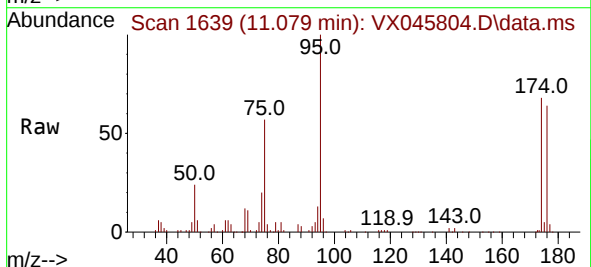
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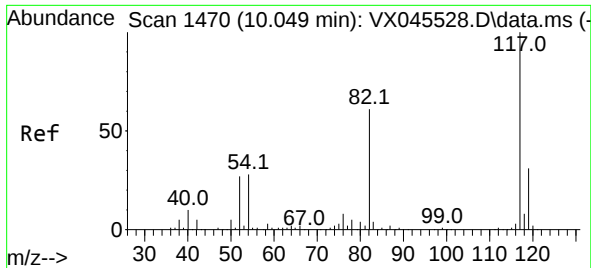
Tgt Ion: 98 Resp: 160089  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 53.099 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX045804.D  
Acq: 16 Apr 2025 13:48

Tgt Ion: 95 Resp: 60725  
Ion Ratio Lower Upper  
95 100  
174 67.2 0.0 135.8  
176 64.8 0.0 131.4

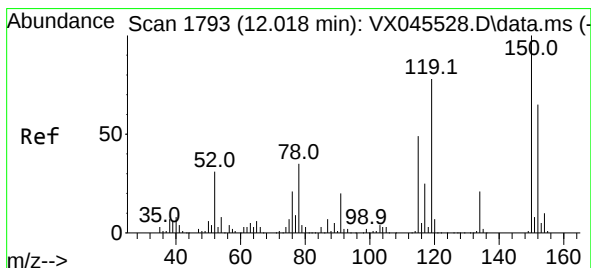
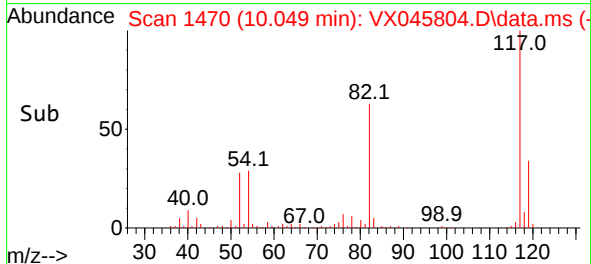
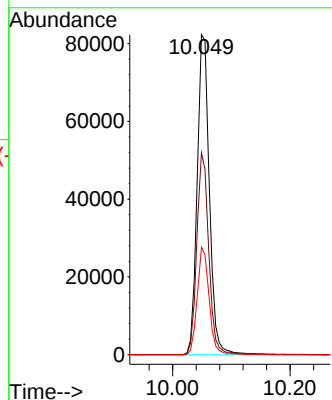
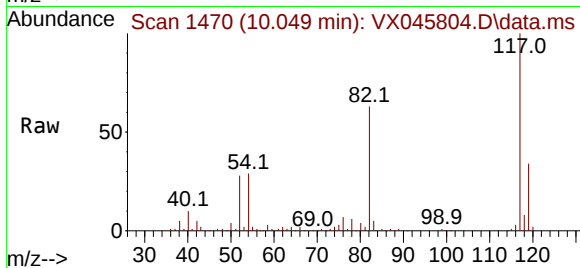




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX045804.D  
Acq: 16 Apr 2025 13:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167604ZHE#62

Tgt Ion:117 Resp: 119140  
Ion Ratio Lower Upper  
117 100  
82 63.1 49.2 73.8  
119 33.6 25.1 37.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX045804.D  
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Tgt Ion:152 Resp: 50415  
Ion Ratio Lower Upper  
152 100  
115 65.3 46.9 140.7  
150 156.0 0.0 349.4

