

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042225\  
 Data File : VX045879.D  
 Acq On : 22 Apr 2025 12:58  
 Operator : JC/MD  
 Sample : PB167661TB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB167661TB

Quant Time: Apr 23 01:33:25 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

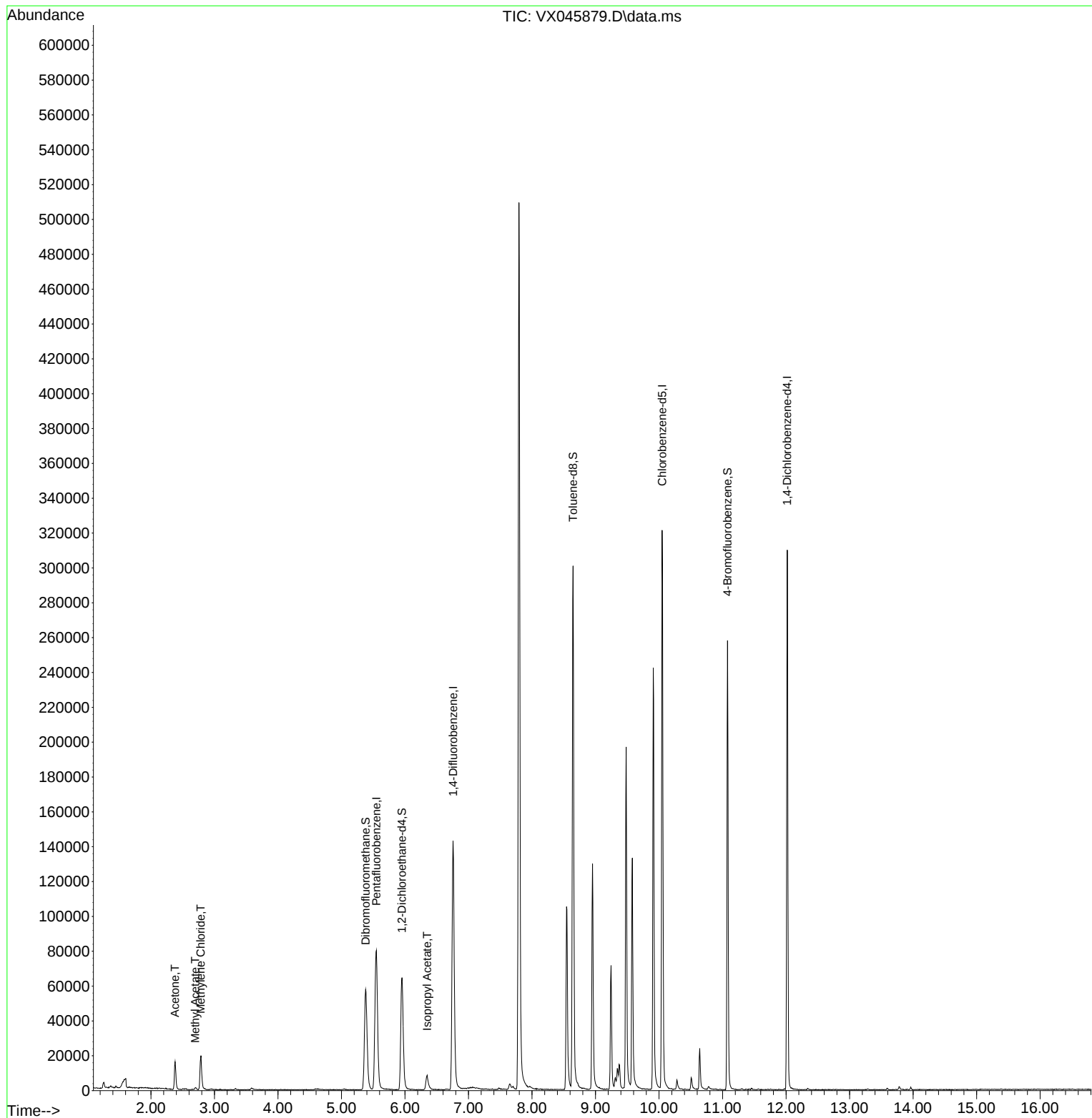
| Compound                    | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                       |           |                |          |            |        |          |
| Internal Standards          |           |                |          |            |        |          |
| 1) Pentafluorobenzene       | 5.550     | 168            | 70592    | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114            | 138896   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.049    | 117            | 131235   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152            | 57190    | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65             | 67987    | 52.665     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 74 - 125 | Recovery | = 105.320% |        |          |
| 35) Dibromofluoromethane    | 5.379     | 113            | 49635    | 50.367     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | = 100.740% |        |          |
| 50) Toluene-d8              | 8.647     | 98             | 175504   | 51.023     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 86 - 113 | Recovery | = 102.040% |        |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95             | 66602    | 53.158     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 77 - 121 | Recovery | = 106.320% |        |          |
| Target Compounds            |           |                |          |            |        |          |
|                             |           |                |          |            | Qvalue |          |
| 16) Acetone                 | 2.380     | 43             | 17092    | 32.243     | ug/l   | 99       |
| 18) Methyl Acetate          | 2.697     | 43             | 1508     | 1.236      | ug/l   | 98       |
| 20) Methylene Chloride      | 2.782     | 84             | 8477     | 8.542      | ug/l   | 93       |
| 43) Isopropyl Acetate       | 6.348     | 43             | 12306    | 4.842      | ug/l   | 98       |
| -----                       |           |                |          |            |        |          |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
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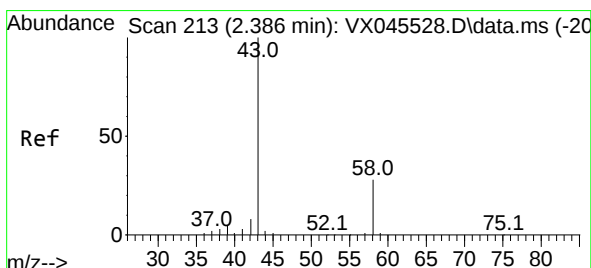
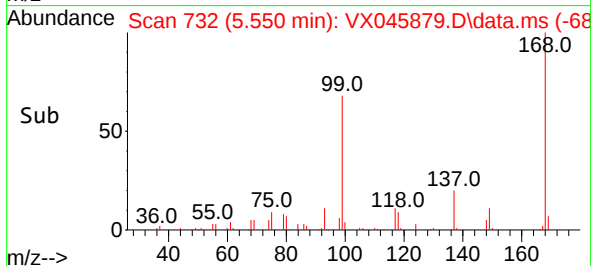
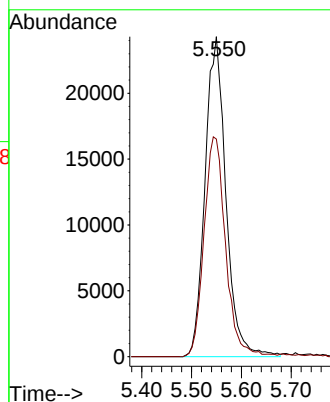
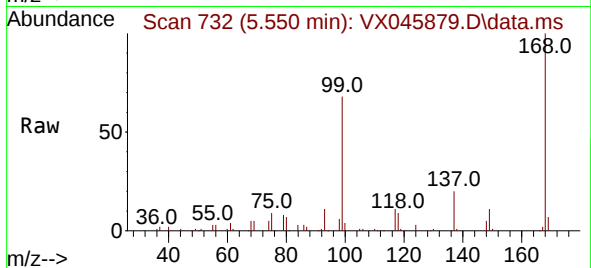




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX045879.D  
Acq: 22 Apr 2025 12:58

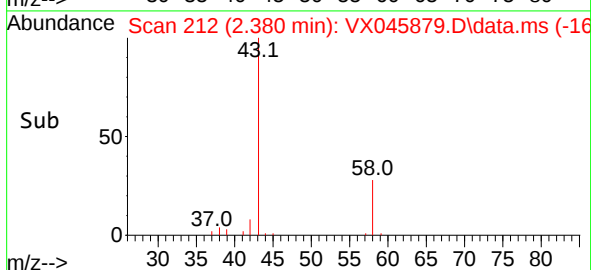
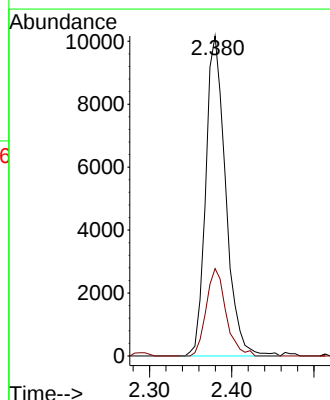
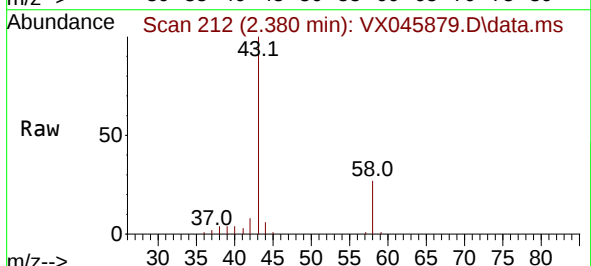
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167661TB

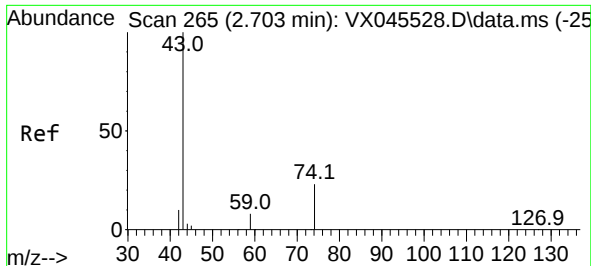
Tgt Ion:168 Resp: 70592  
Ion Ratio Lower Upper  
168 100  
99 68.0 52.3 78.5



#16  
Acetone  
Concen: 32.243 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX045879.D  
Acq: 22 Apr 2025 12:58

Tgt Ion: 43 Resp: 17092  
Ion Ratio Lower Upper  
43 100  
58 27.3 22.3 33.5

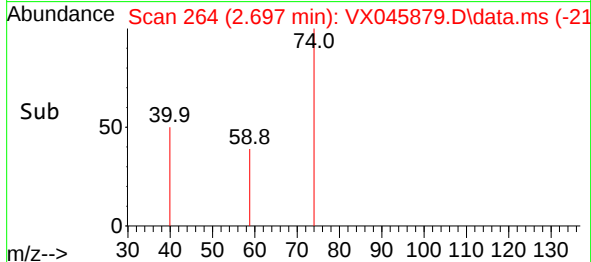
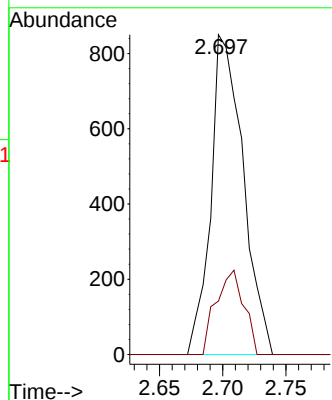
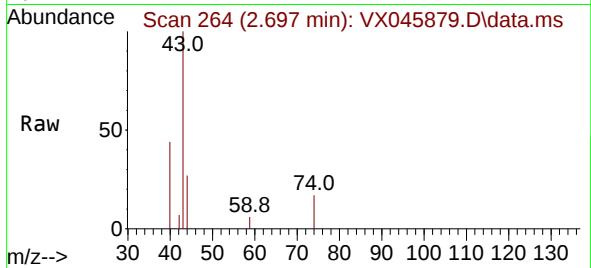




#18  
Methyl Acetate  
Concen: 1.236 ug/l  
RT: 2.697 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: VX045879.D  
Acq: 22 Apr 2025 12:58

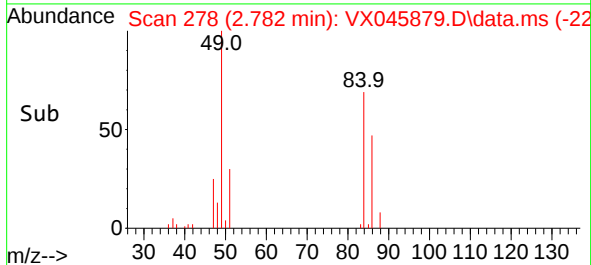
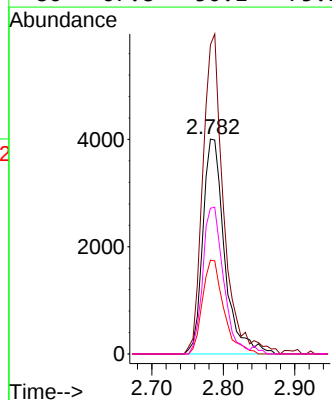
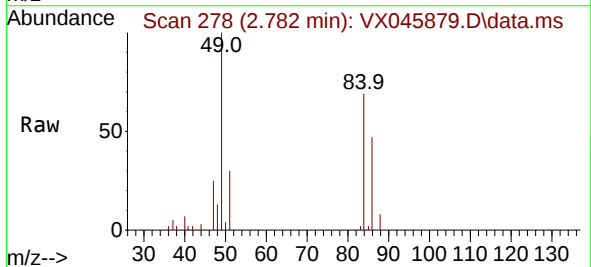
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167661TB

Tgt Ion: 43 Resp: 1508  
Ion Ratio Lower Upper  
43 100  
74 22.7 17.5 26.3



#20  
Methylene Chloride  
Concen: 8.542 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX045879.D  
Acq: 22 Apr 2025 12:58

Tgt Ion: 84 Resp: 8477  
Ion Ratio Lower Upper  
84 100  
49 143.9 107.5 161.3  
51 43.6 33.0 49.6  
86 67.8 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 52.665 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045879.D

Acq: 22 Apr 2025 12:58

Instrument :

MSVOA\_X

ClientSampleId :

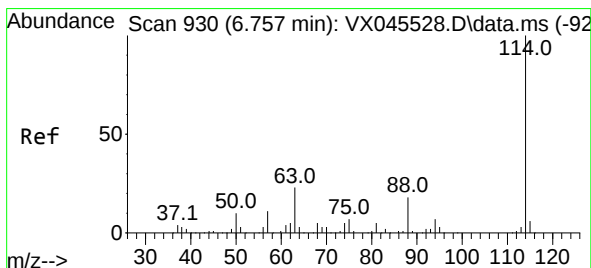
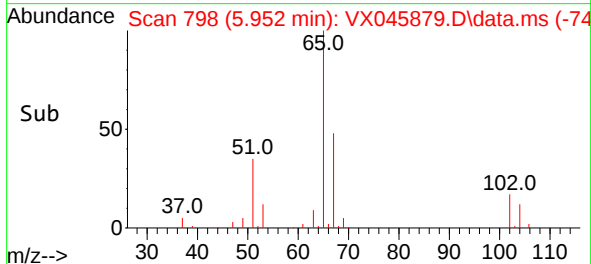
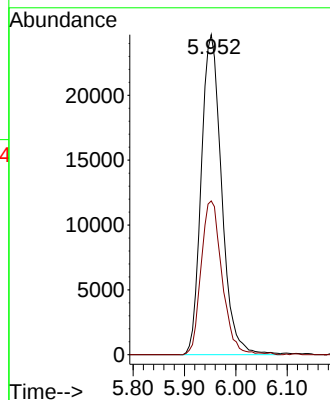
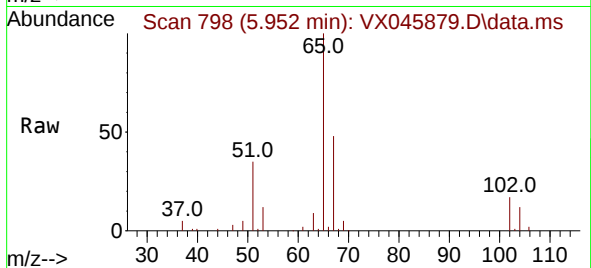
PB167661TB

Tgt Ion: 65 Resp: 67987

Ion Ratio Lower Upper

65 100

67 49.5 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: VX045879.D

Acq: 22 Apr 2025 12:58

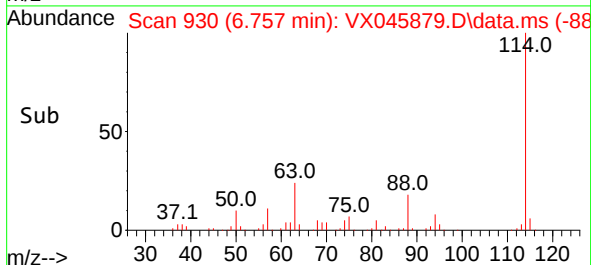
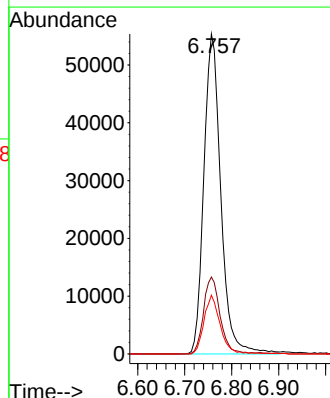
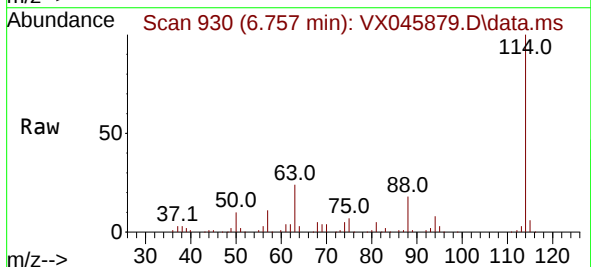
Tgt Ion: 114 Resp: 138896

Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.8

88 18.3 0.0 35.4

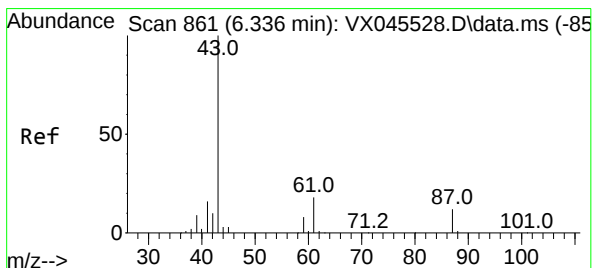
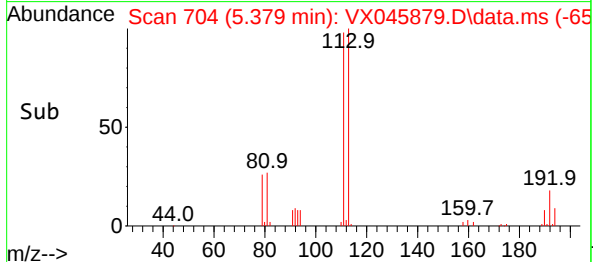
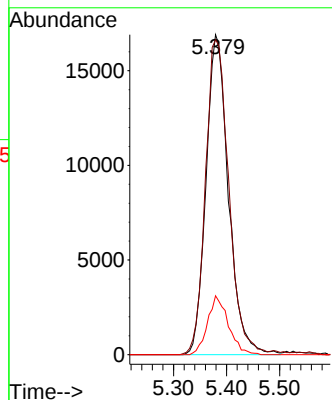
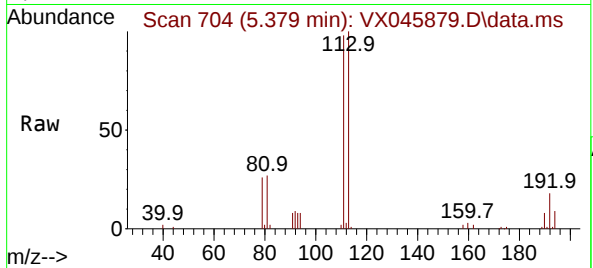




#35  
 Dibromofluoromethane  
 Concen: 50.367 ug/l  
 RT: 5.379 min Scan# 704  
 Delta R.T. -0.000 min  
 Lab File: VX045879.D  
 Acq: 22 Apr 2025 12:58

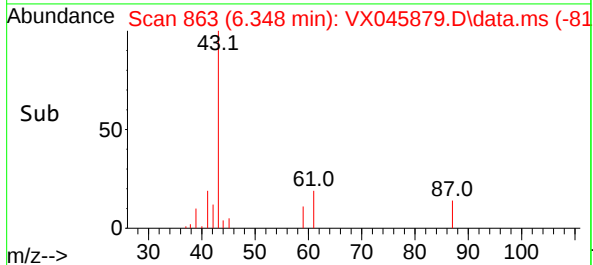
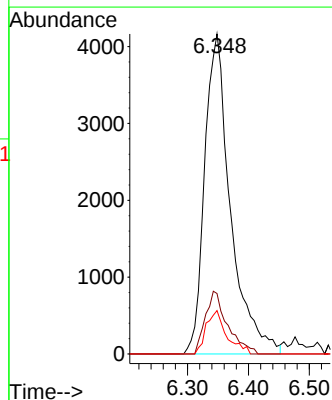
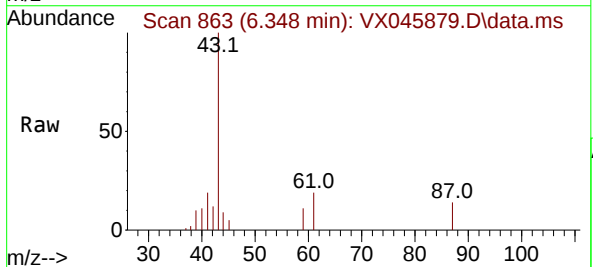
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB167661TB

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 49635 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.5 | 81.8  | 122.6 |
| 192      | 17.1  | 13.8  | 20.6  |



#43  
 Isopropyl Acetate  
 Concen: 4.842 ug/l  
 RT: 6.348 min Scan# 863  
 Delta R.T. 0.012 min  
 Lab File: VX045879.D  
 Acq: 22 Apr 2025 12:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 12306 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 16.8  | 14.1  | 21.1  |
| 87       | 10.7  | 9.2   | 13.8  |

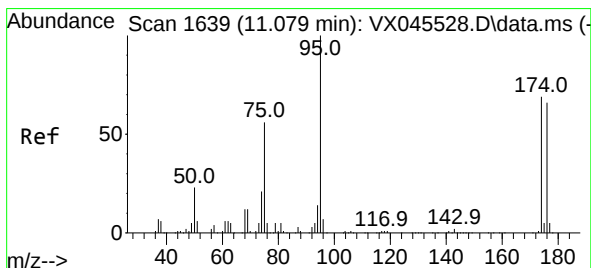
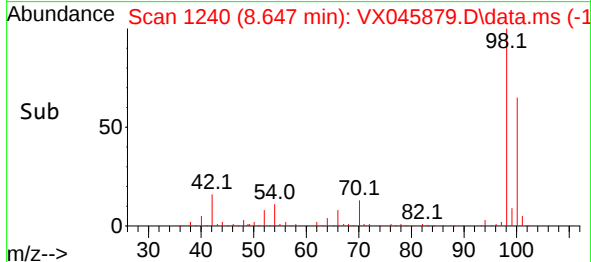
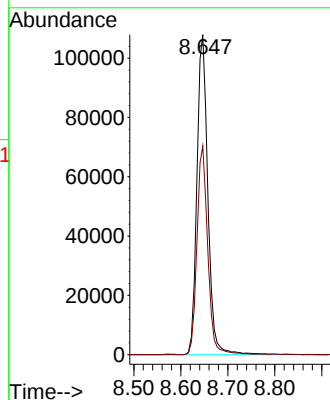
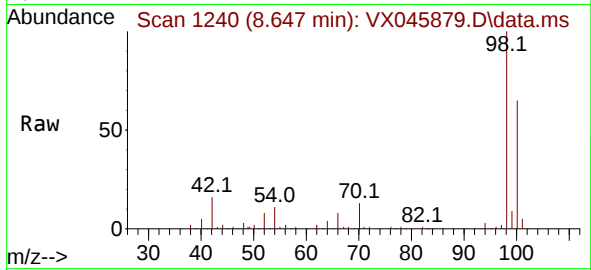




#50  
Toluene-d8  
Concen: 51.023 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045879.D  
Acq: 22 Apr 2025 12:58

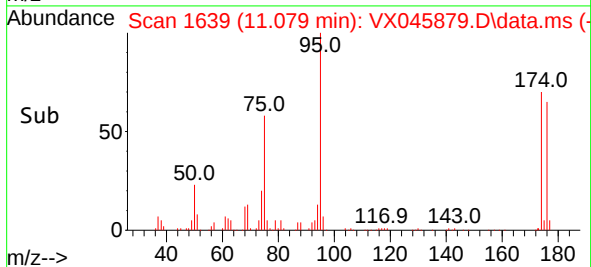
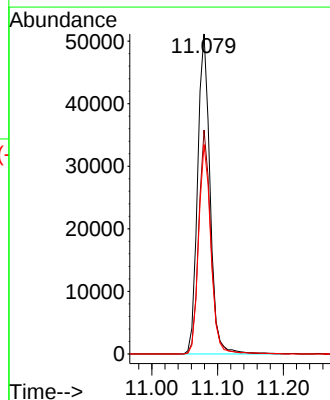
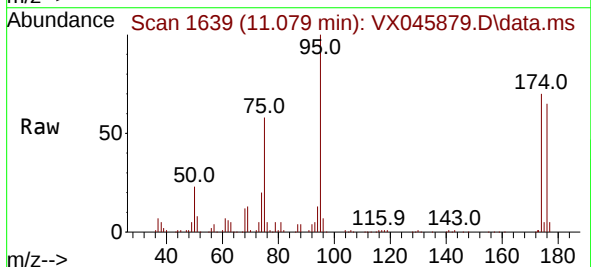
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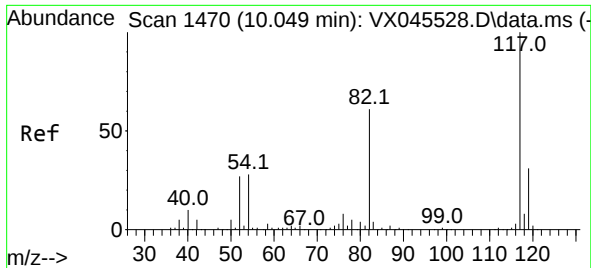
Tgt Ion: 98 Resp: 175504  
Ion Ratio Lower Upper  
98 100  
100 64.3 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 53.158 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX045879.D  
Acq: 22 Apr 2025 12:58

Tgt Ion: 95 Resp: 66602  
Ion Ratio Lower Upper  
95 100  
174 68.6 0.0 135.8  
176 64.9 0.0 131.4

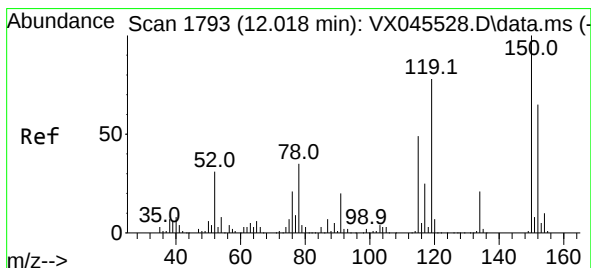
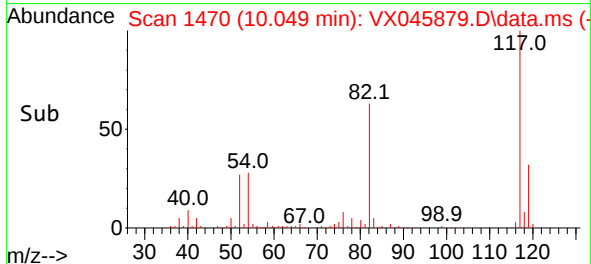
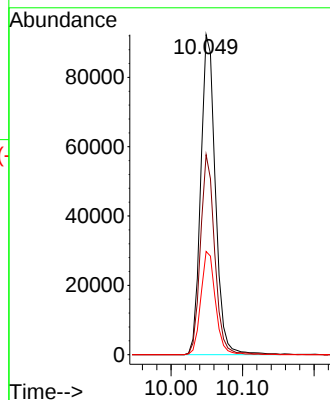
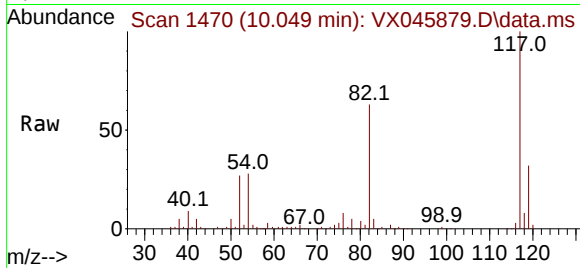




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX045879.D  
Acq: 22 Apr 2025 12:58

Instrument :  
MSVOA\_X  
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Tgt Ion:117 Resp: 131235  
Ion Ratio Lower Upper  
117 100  
82 62.5 49.2 73.8  
119 32.2 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: VX045879.D  
Acq: 22 Apr 2025 12:58

Tgt Ion:152 Resp: 57190  
Ion Ratio Lower Upper  
152 100  
115 65.5 46.9 140.7  
150 157.2 0.0 349.4

