

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102225\  
 Data File : VX048295.D  
 Acq On : 22 Oct 2025 14:06  
 Operator : JC/MD  
 Sample : PB170173TB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB170173TB

Quant Time: Oct 24 05:54:51 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102025W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 20 14:13:59 2025  
 Response via : Initial Calibration

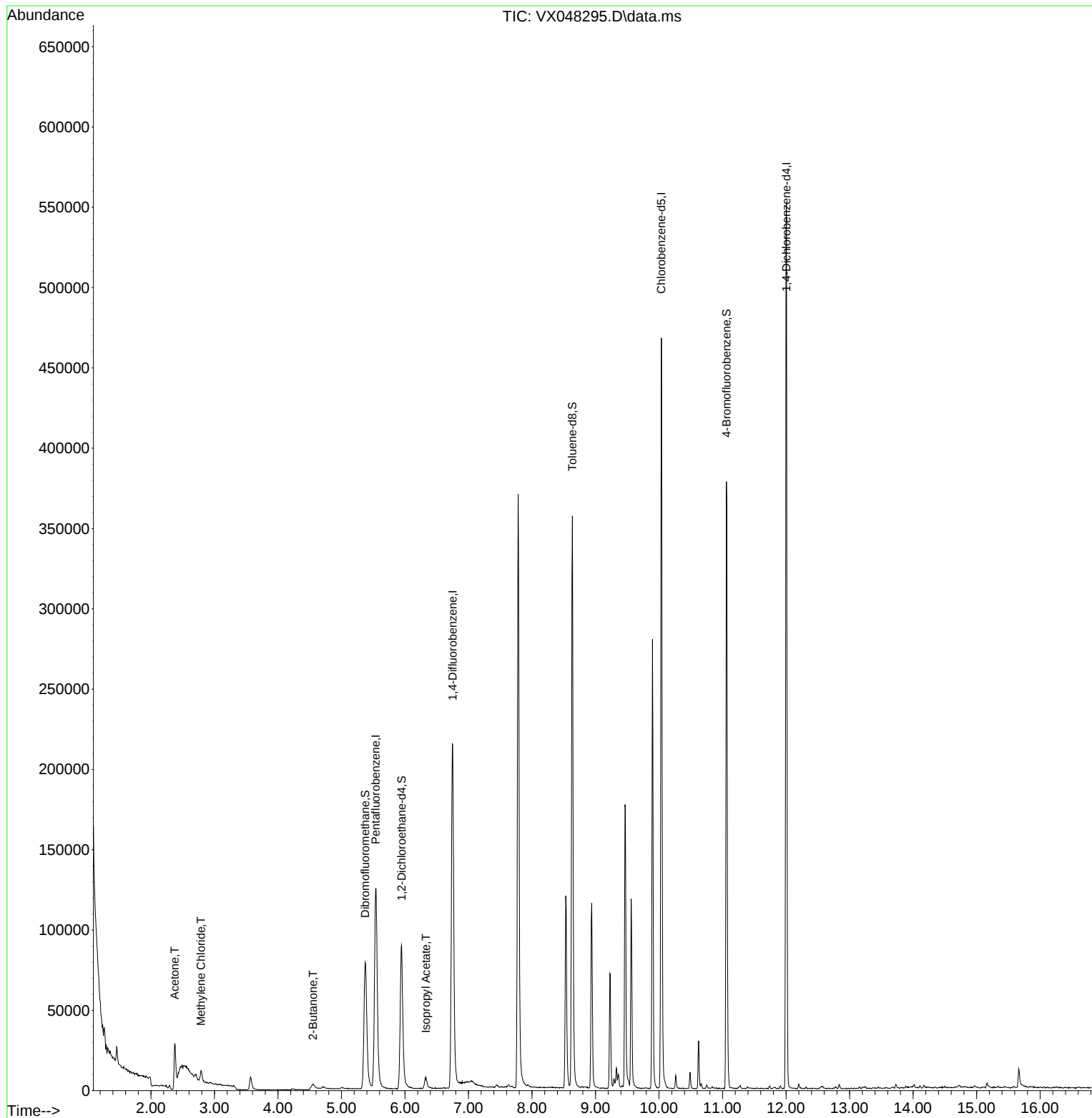
| Compound                    | R.T. QIon |                | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|-----------|----------------|----------|--------|----------|----------|
| -----                       |           |                |          |        |          |          |
| Internal Standards          |           |                |          |        |          |          |
| 1) Pentafluorobenzene       | 5.538     | 168            | 129782   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.751     | 114            | 247687   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 10.037    | 117            | 219768   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.006    | 152            | 122336   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds |           |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 5.946     | 65             | 96738    | 53.163 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 78 - 117 | Recovery | =      | 106.320% |          |
| 35) Dibromofluoromethane    | 5.373     | 113            | 79661    | 47.110 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | =      | 94.220%  |          |
| 50) Toluene-d8              | 8.635     | 98             | 223282   | 37.672 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 92 - 112 | Recovery | =      | 75.340%# |          |
| 62) 4-Bromofluorobenzene    | 11.061    | 95             | 111073   | 49.261 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 83 - 123 | Recovery | =      | 98.520%  |          |
| Target Compounds            |           |                |          |        |          |          |
|                             |           |                |          |        | Qvalue   |          |
| 16) Acetone                 | 2.373     | 43             | 37657    | 60.325 | ug/l     | 94       |
| 20) Methylene Chloride      | 2.788     | 84             | 3182     | 2.092  | ug/l     | 94       |
| 25) 2-Butanone              | 4.550     | 43             | 6157     | 7.792  | ug/l     | 93       |
| 43) Isopropyl Acetate       | 6.330     | 43             | 10713    | 3.274  | ug/l     | 98       |
| -----                       |           |                |          |        |          |          |

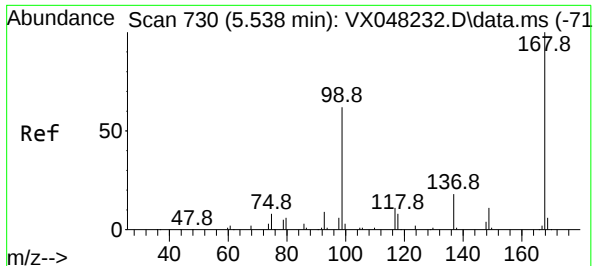
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102025W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 20 14:13:59 2025  
Response via : Initial Calibration

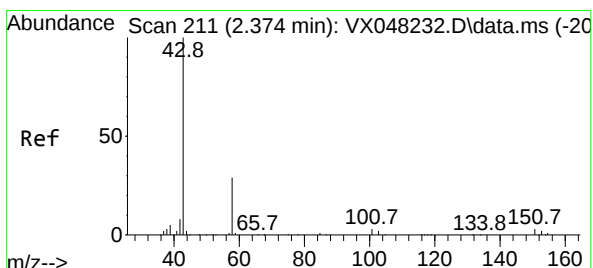
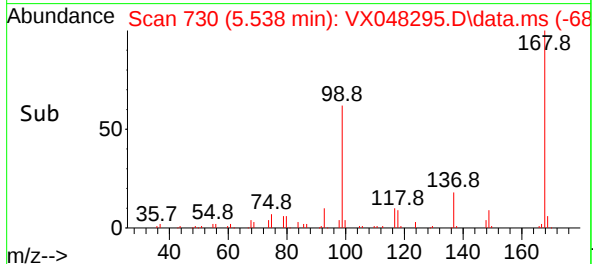
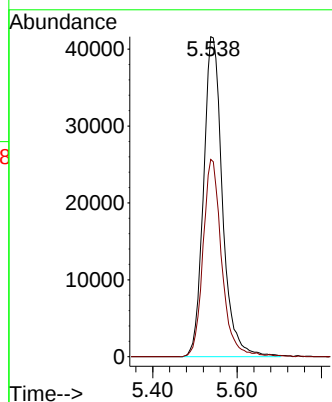
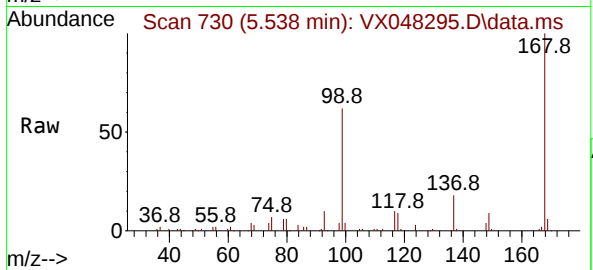




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 730  
Delta R.T. -0.006 min  
Lab File: VX048295.D  
Acq: 22 Oct 2025 14:06

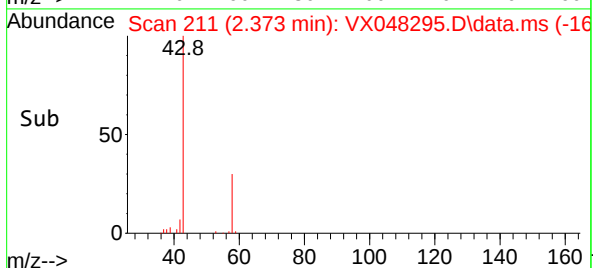
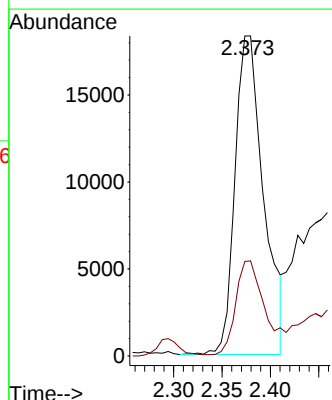
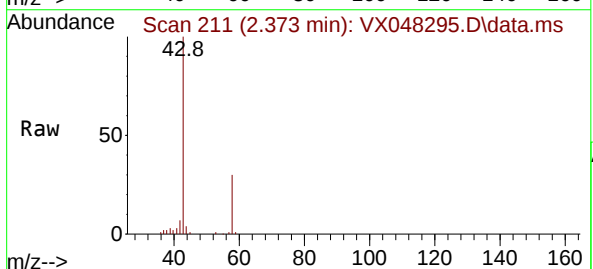
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB170173TB

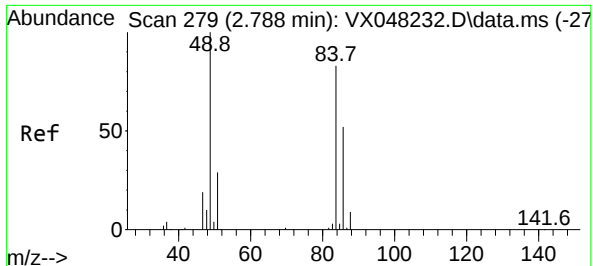
Tgt Ion:168 Resp: 129782  
Ion Ratio Lower Upper  
168 100  
99 61.7 46.4 69.6



#16  
Acetone  
Concen: 60.325 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX048295.D  
Acq: 22 Oct 2025 14:06

Tgt Ion: 43 Resp: 37657  
Ion Ratio Lower Upper  
43 100  
58 26.1 23.4 35.2

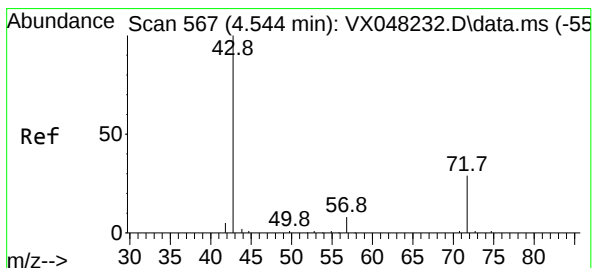
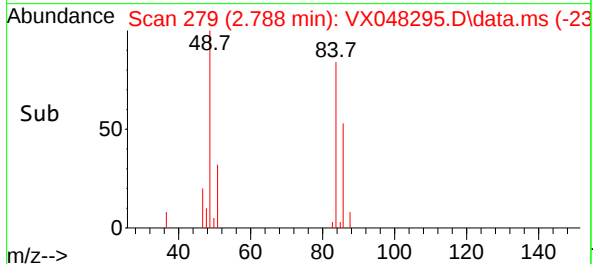
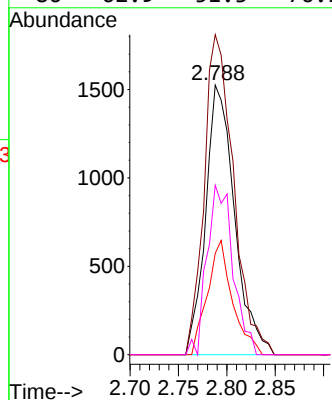
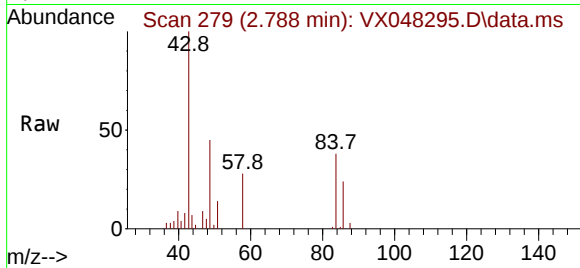




#20  
Methylene Chloride  
Concen: 2.092 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX048295.D  
Acq: 22 Oct 2025 14:06

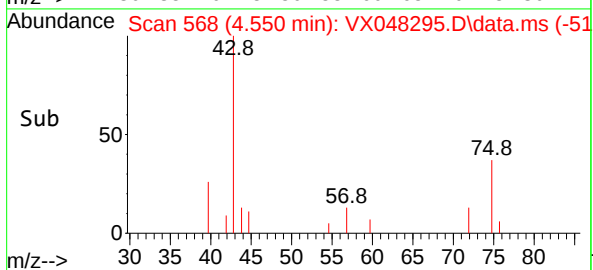
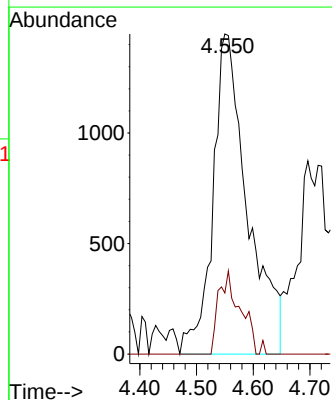
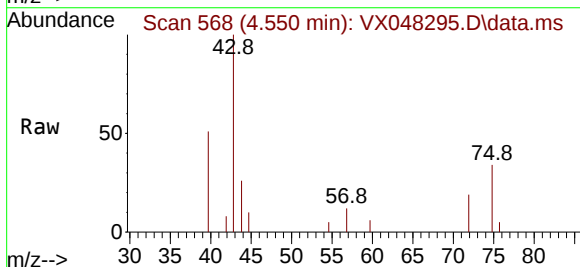
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB170173TB

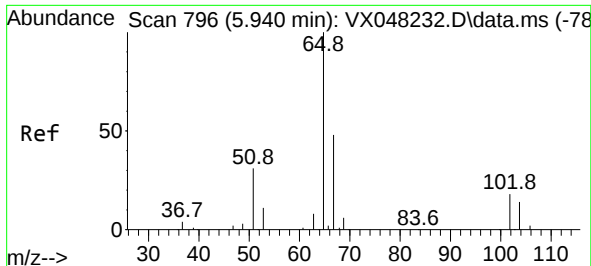
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 3182  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 118.7 | 104.1 | 156.1 |
| 51       | 37.6  | 31.3  | 46.9  |
| 86       | 62.9  | 51.3  | 76.9  |



#25  
2-Butanone  
Concen: 7.792 ug/l  
RT: 4.550 min Scan# 568  
Delta R.T. 0.012 min  
Lab File: VX048295.D  
Acq: 22 Oct 2025 14:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 6157  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 21.4  | 19.9  | 29.9  |

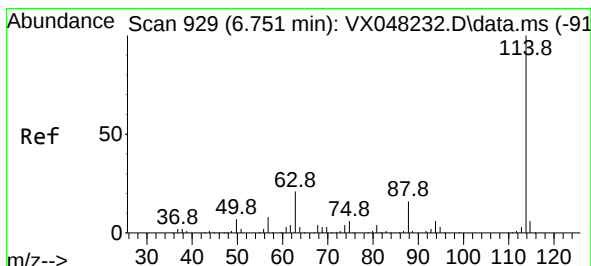
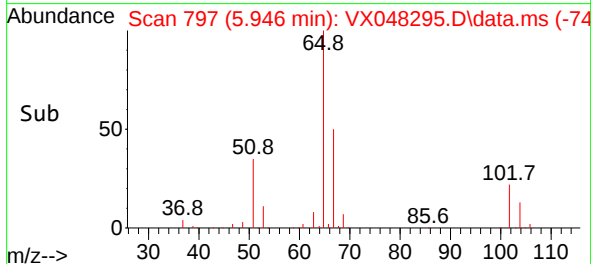
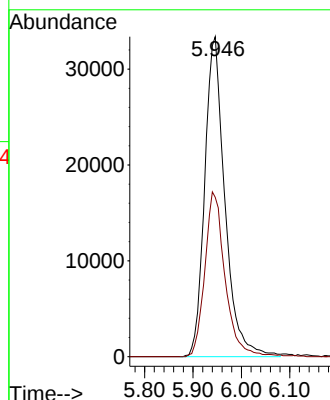
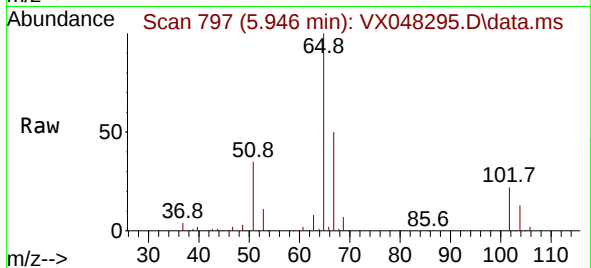




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.163 ug/l  
 RT: 5.946 min Scan# 796  
 Delta R.T. 0.006 min  
 Lab File: VX048295.D  
 Acq: 22 Oct 2025 14:06

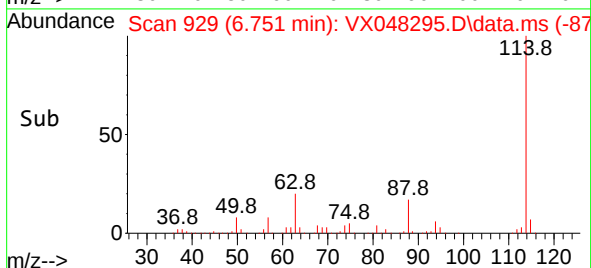
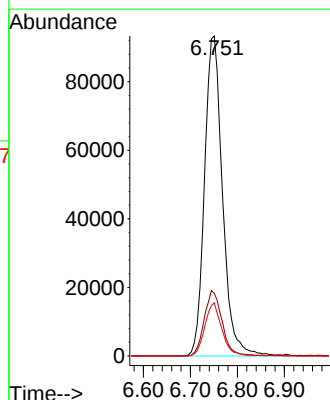
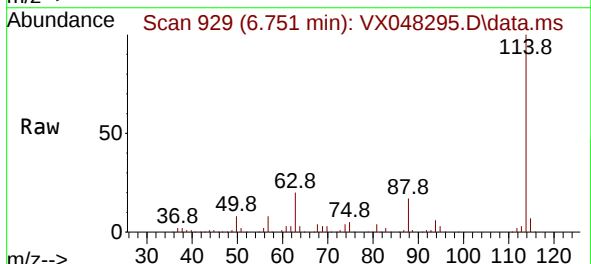
Instrument :  
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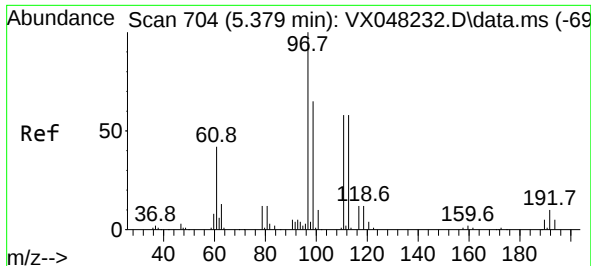
Tgt Ion: 65 Resp: 96738  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 105.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.751 min Scan# 929  
 Delta R.T. 0.006 min  
 Lab File: VX048295.D  
 Acq: 22 Oct 2025 14:06

Tgt Ion: 114 Resp: 247687  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 43.2  
 88 16.6 0.0 33.6

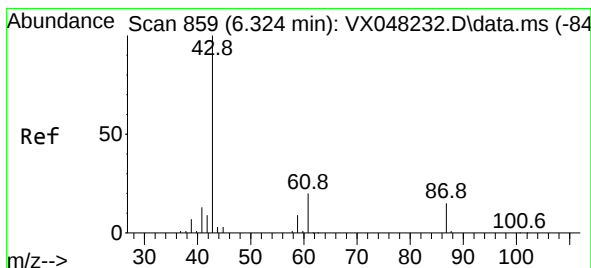
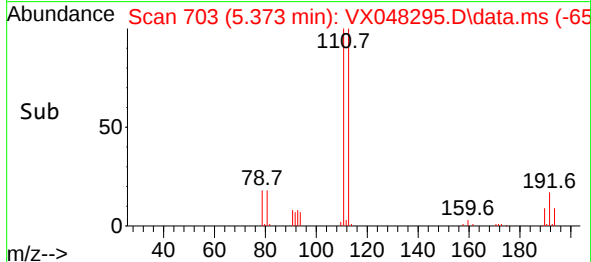
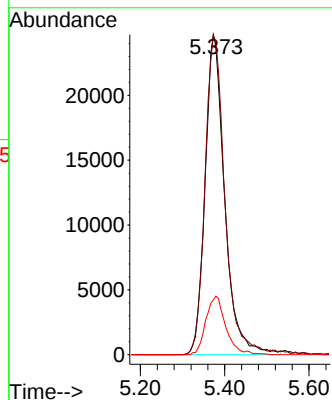
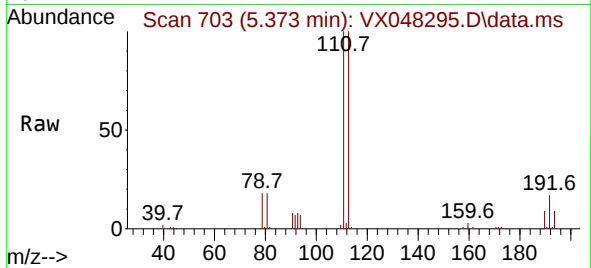




#35  
Dibromofluoromethane  
Concen: 47.110 ug/l  
RT: 5.373 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX048295.D  
Acq: 22 Oct 2025 14:06

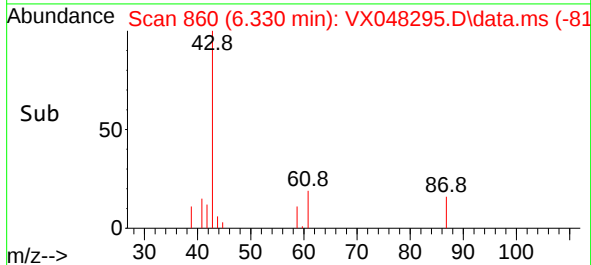
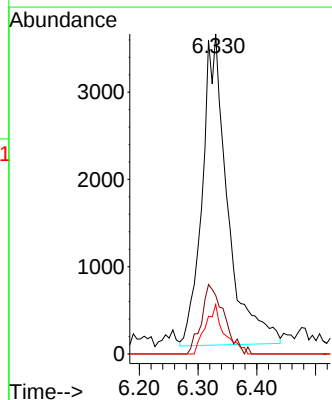
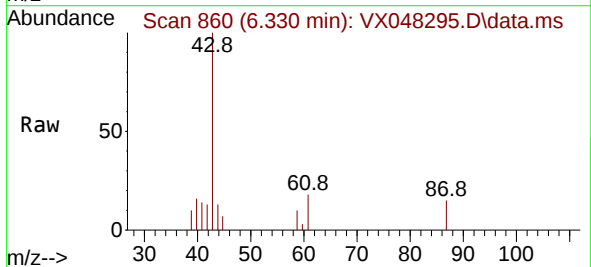
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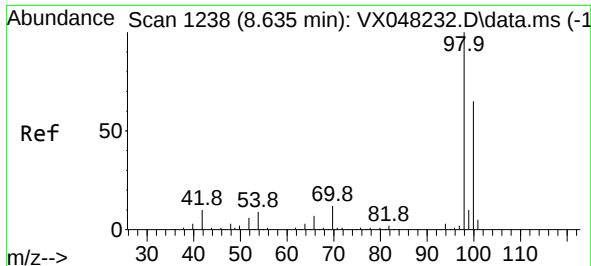
Tgt Ion:113 Resp: 79661  
Ion Ratio Lower Upper  
113 100  
111 101.1 82.2 123.4  
192 18.6 15.1 22.7



#43  
Isopropyl Acetate  
Concen: 3.274 ug/l  
RT: 6.330 min Scan# 860  
Delta R.T. 0.006 min  
Lab File: VX048295.D  
Acq: 22 Oct 2025 14:06

Tgt Ion: 43 Resp: 10713  
Ion Ratio Lower Upper  
43 100  
61 19.9 14.9 22.3  
87 11.8 9.4 14.2

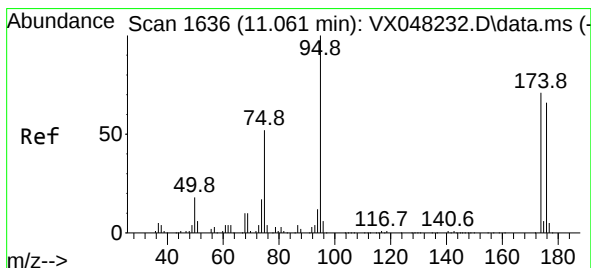
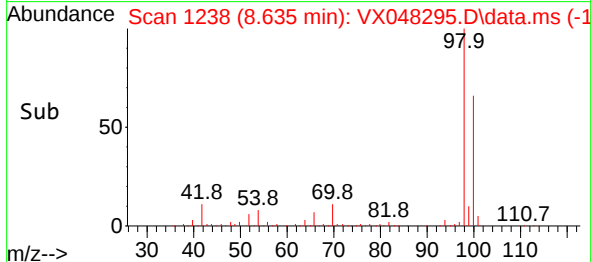
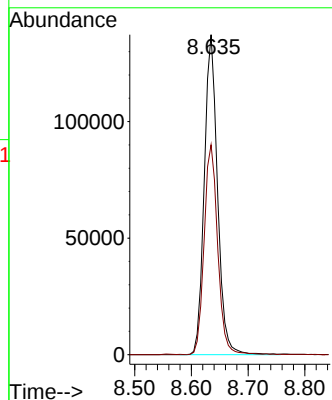
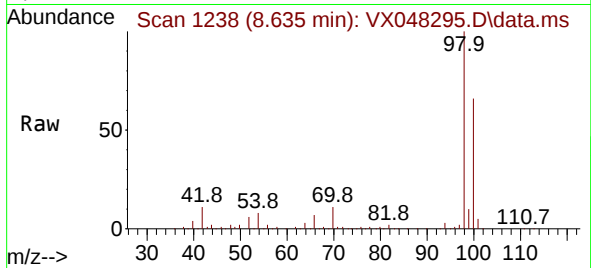




#50  
Toluene-d8  
Concen: 37.672 ug/l  
RT: 8.635 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048295.D  
Acq: 22 Oct 2025 14:06

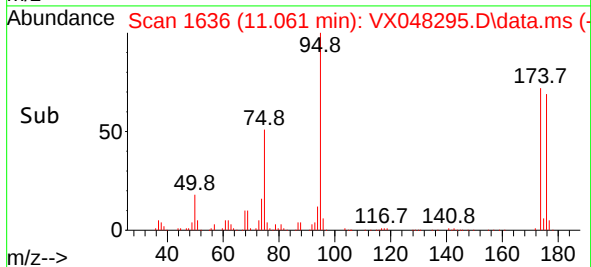
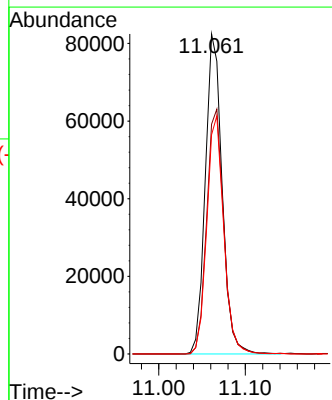
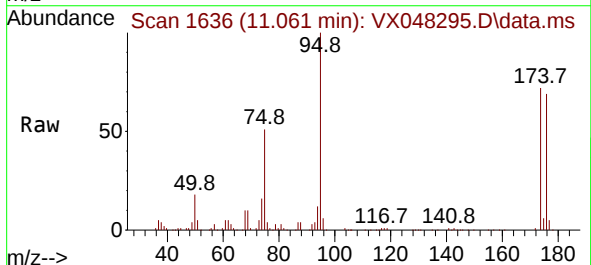
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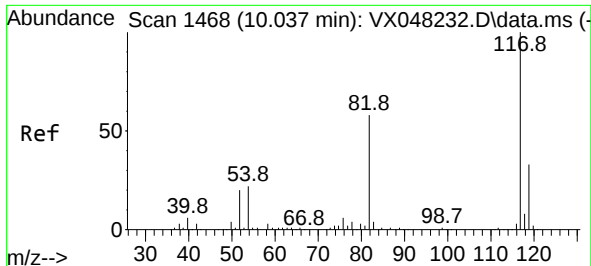
Tgt Ion: 98 Resp: 223282  
Ion Ratio Lower Upper  
98 100  
100 67.0 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 49.261 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX048295.D  
Acq: 22 Oct 2025 14:06

Tgt Ion: 95 Resp: 111073  
Ion Ratio Lower Upper  
95 100  
174 78.1 0.0 147.8  
176 74.8 0.0 142.8

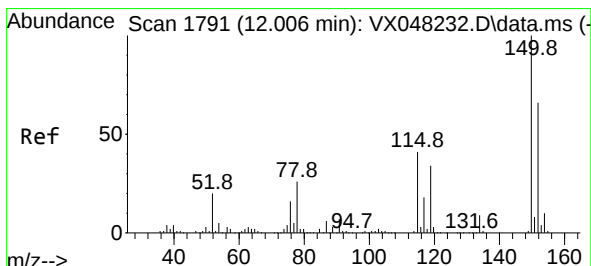
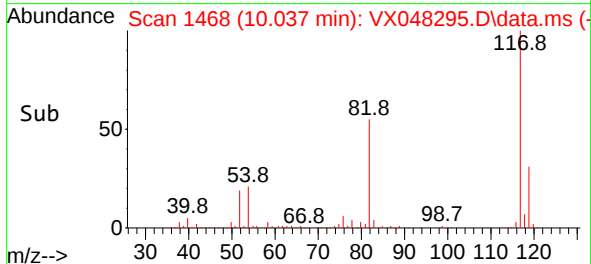
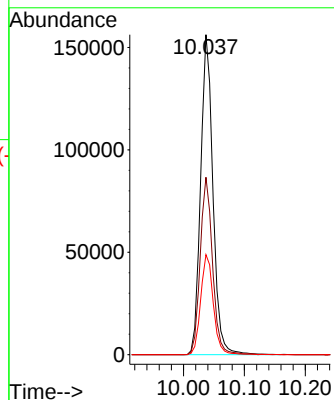
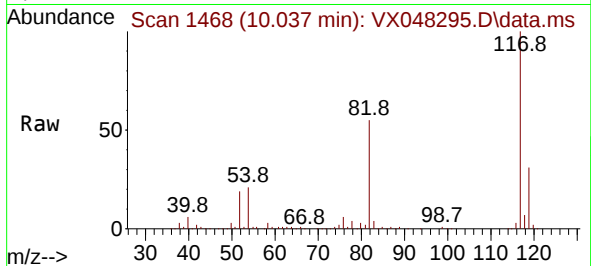




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048295.D  
Acq: 22 Oct 2025 14:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB170173TB

Tgt Ion:117 Resp: 219768  
Ion Ratio Lower Upper  
117 100  
82 55.4 46.5 69.7  
119 31.3 25.9 38.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX048295.D  
Acq: 22 Oct 2025 14:06

Tgt Ion:152 Resp: 122336  
Ion Ratio Lower Upper  
152 100  
115 62.5 43.1 129.4  
150 159.4 0.0 353.0

