

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102825\  
 Data File : VX048389.D  
 Acq On : 28 Oct 2025 11:32  
 Operator : JC/MD  
 Sample : Q3460-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-2

Quant Time: Oct 29 01:17:14 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

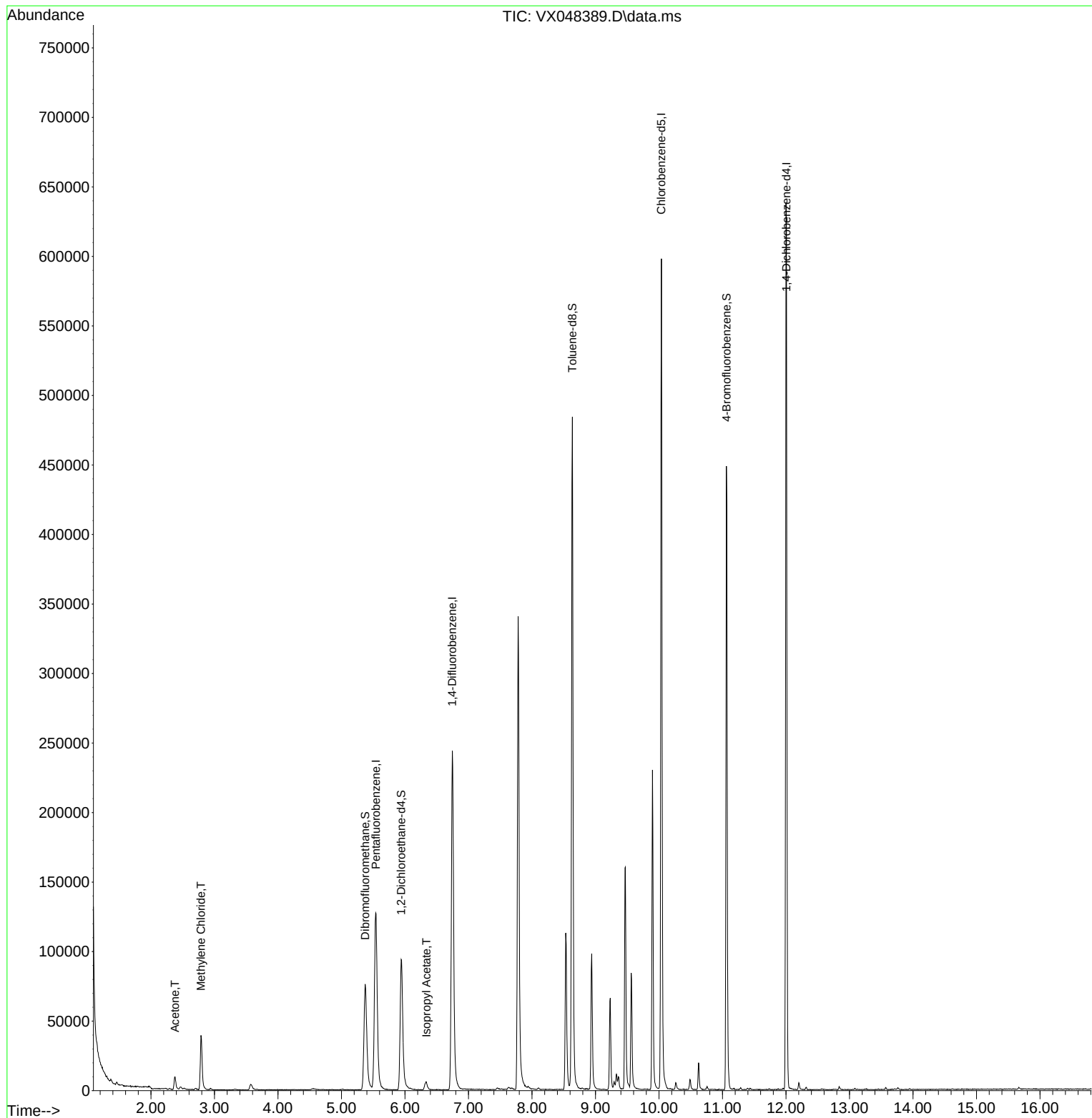
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.544     | 168   | 130820   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.745     | 114   | 265154   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.037    | 117   | 274876   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.006    | 152   | 135974   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.940     | 65    | 104025   | 56.714   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =     | 113.420% |
| 35) Dibromofluoromethane    | 5.373     | 113   | 73172    | 40.422   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 80.840%  |
| 50) Toluene-d8              | 8.635     | 98    | 298751   | 47.085   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =     | 94.180%  |
| 62) 4-Bromofluorobenzene    | 11.061    | 95    | 127981   | 53.021   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =     | 106.040% |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.380     | 43    | 13051    | 20.741   | ug/l  | 96       |
| 20) Methylene Chloride      | 2.788     | 84    | 19500    | 12.719   | ug/l  | 98       |
| 43) Isopropyl Acetate       | 6.336     | 43    | 8815     | 2.516    | ug/l  | 99       |
| -----                       |           |       |          |          |       |          |

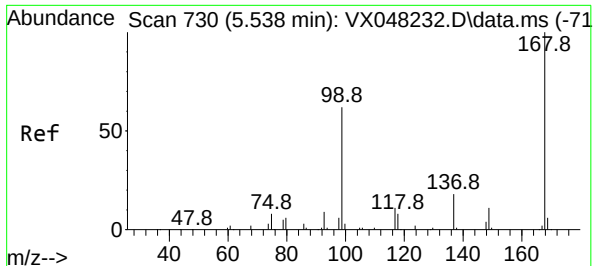
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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  
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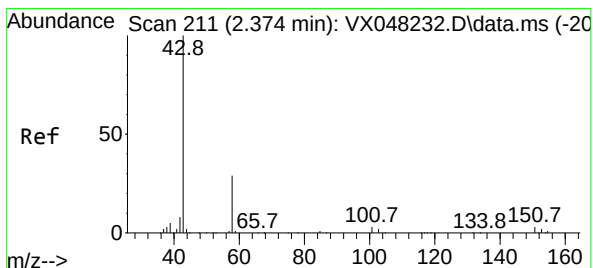
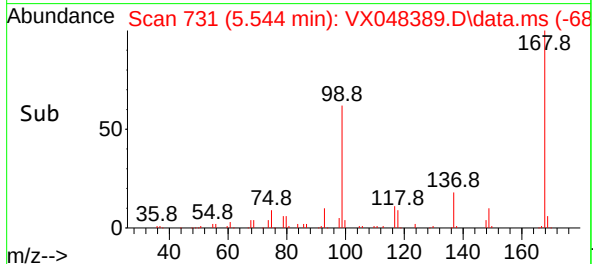
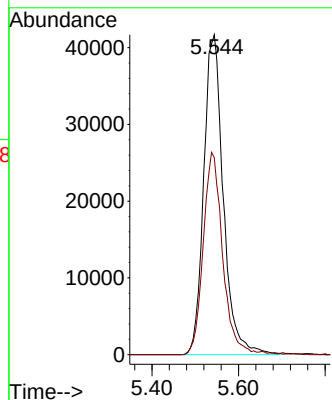
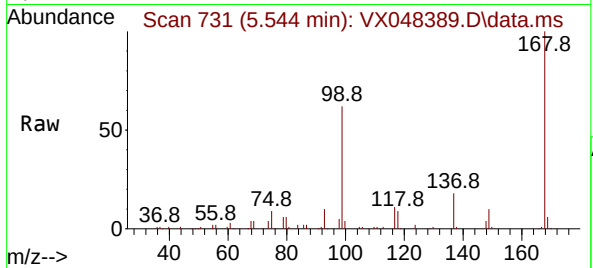




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX048389.D  
Acq: 28 Oct 2025 11:32

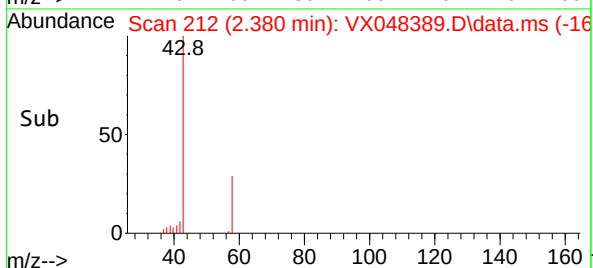
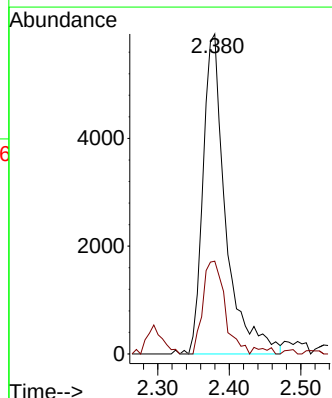
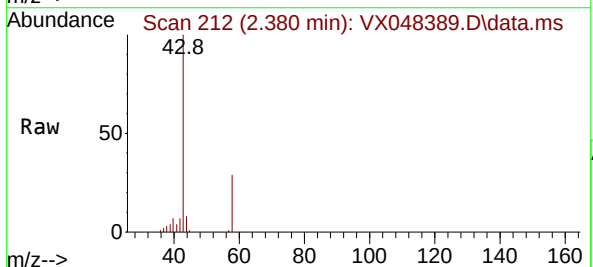
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-2

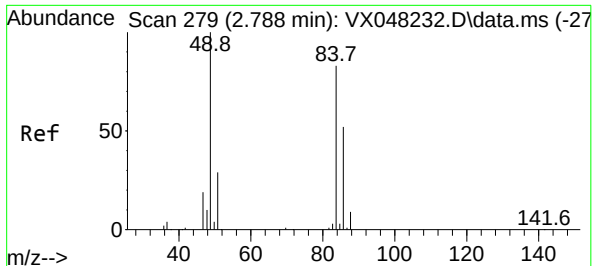
Tgt Ion:168 Resp: 130820  
Ion Ratio Lower Upper  
168 100  
99 61.6 46.4 69.6



#16  
Acetone  
Concen: 20.741 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX048389.D  
Acq: 28 Oct 2025 11:32

Tgt Ion: 43 Resp: 13051  
Ion Ratio Lower Upper  
43 100  
58 31.2 23.4 35.2

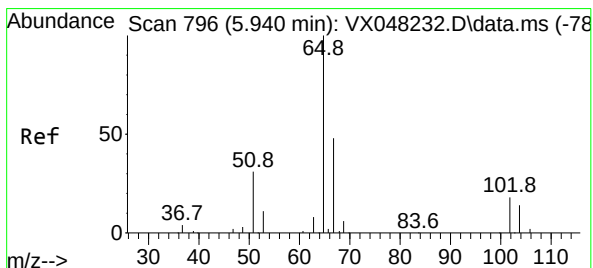
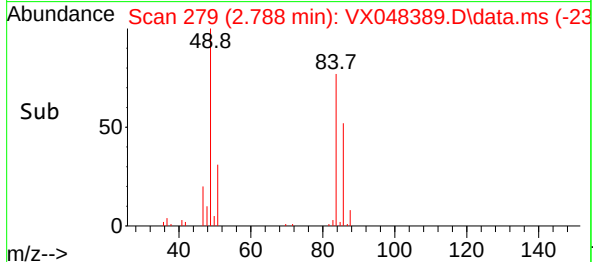
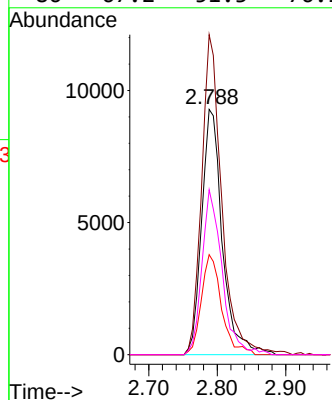
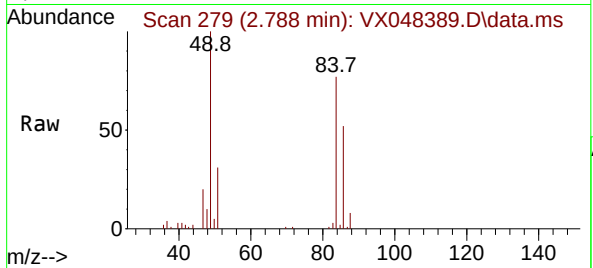




#20  
Methylene Chloride  
Concen: 12.719 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX048389.D  
Acq: 28 Oct 2025 11:32

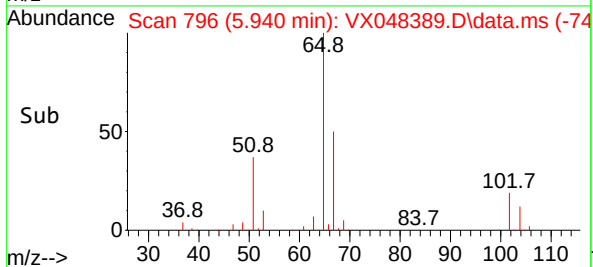
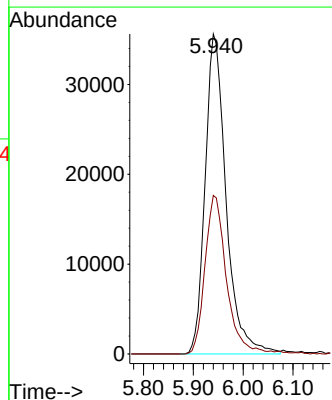
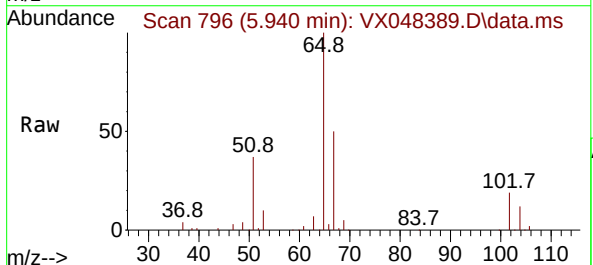
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-2

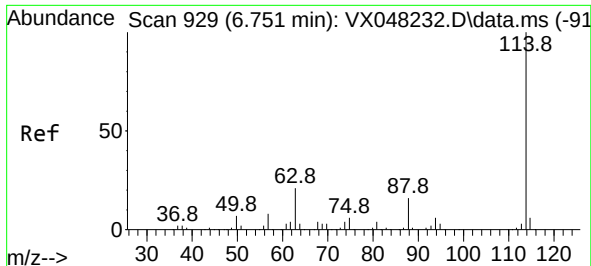
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 19500 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 130.4 | 104.1 | 156.1 |
| 51       | 40.7  | 31.3  | 46.9  |
| 86       | 67.2  | 51.3  | 76.9  |



#33  
1,2-Dichloroethane-d4  
Concen: 56.714 ug/l  
RT: 5.940 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: VX048389.D  
Acq: 28 Oct 2025 11:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 104025 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 51.1  | 0.0   | 105.0  |

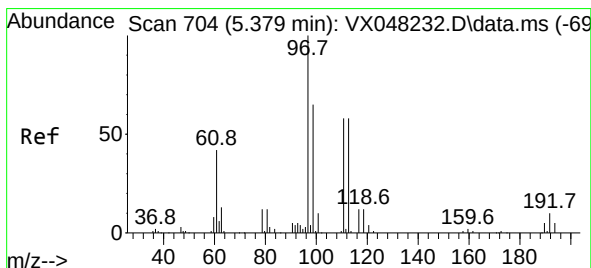
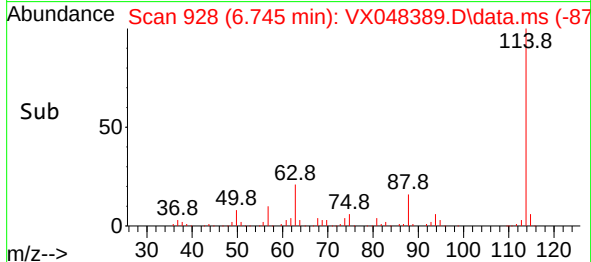
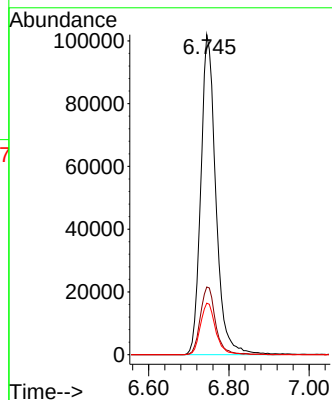
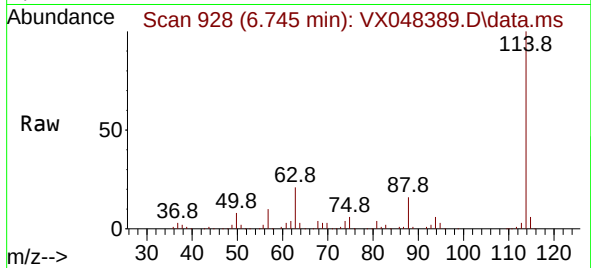




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.745 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX048389.D  
Acq: 28 Oct 2025 11:32

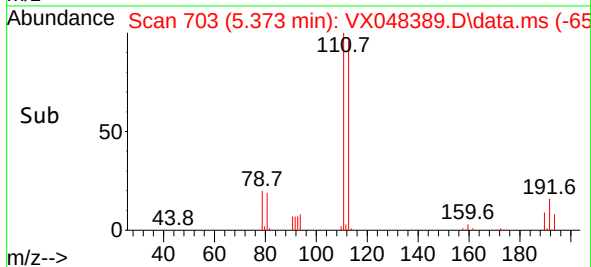
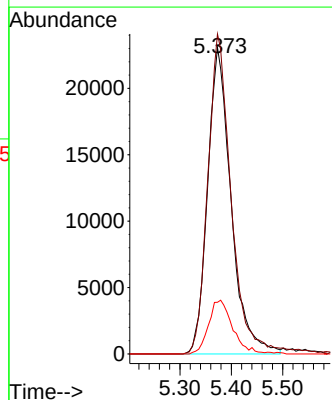
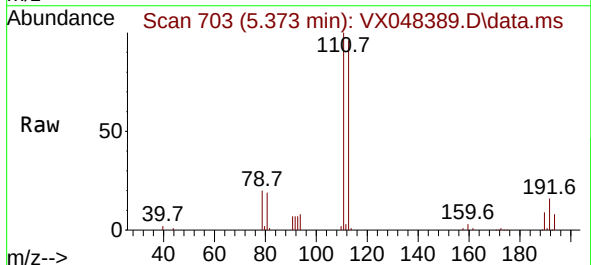
Instrument :  
MSVOA\_X  
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WC-2

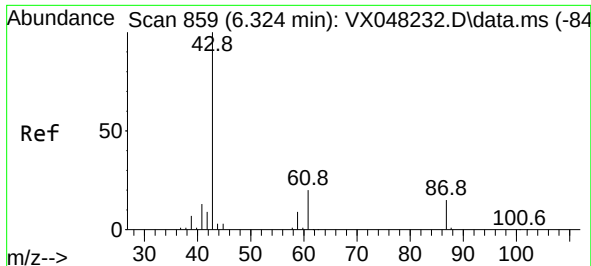
Tgt Ion:114 Resp: 265154  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 43.2  
88 16.1 0.0 33.6



#35  
Dibromofluoromethane  
Concen: 40.422 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX048389.D  
Acq: 28 Oct 2025 11:32

Tgt Ion:113 Resp: 73172  
Ion Ratio Lower Upper  
113 100  
111 104.8 82.2 123.4  
192 17.9 15.1 22.7

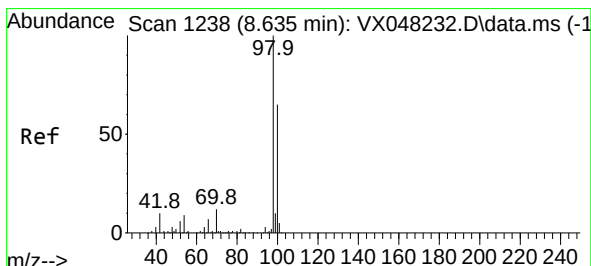
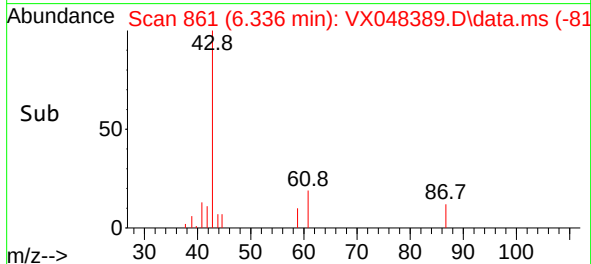
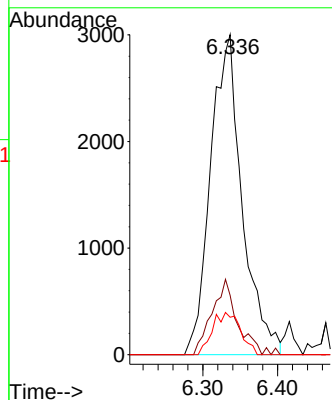
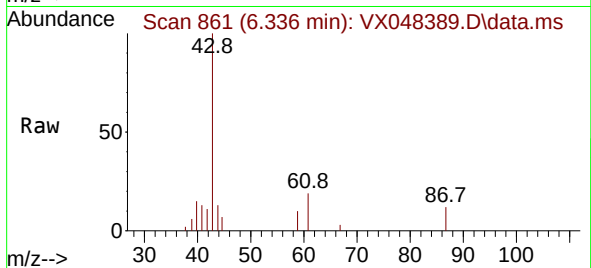




#43  
Isopropyl Acetate  
Concen: 2.516 ug/l  
RT: 6.336 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: VX048389.D  
Acq: 28 Oct 2025 11:32

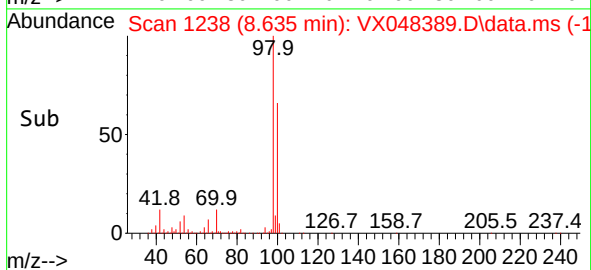
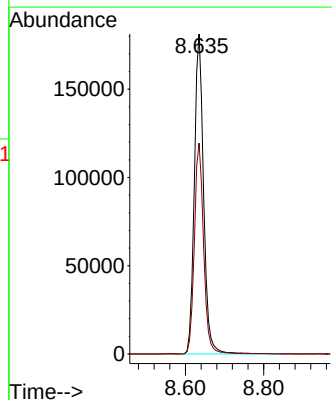
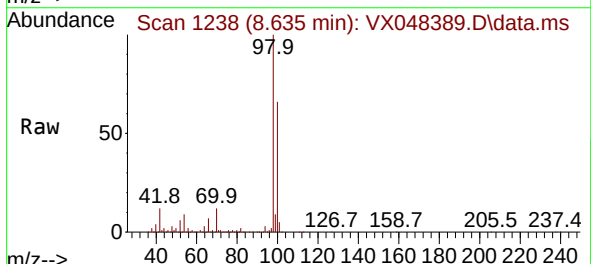
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-2

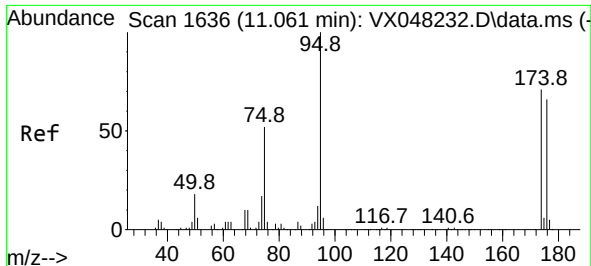
Tgt Ion: 43 Resp: 8815  
Ion Ratio Lower Upper  
43 100  
61 19.2 14.9 22.3  
87 11.7 9.4 14.2



#50  
Toluene-d8  
Concen: 47.085 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VX048389.D  
Acq: 28 Oct 2025 11:32

Tgt Ion: 98 Resp: 298751  
Ion Ratio Lower Upper  
98 100  
100 65.8 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 53.021 ug/l

RT: 11.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048389.D

Acq: 28 Oct 2025 11:32

Instrument :

MSVOA\_X

ClientSampleId :

WC-2

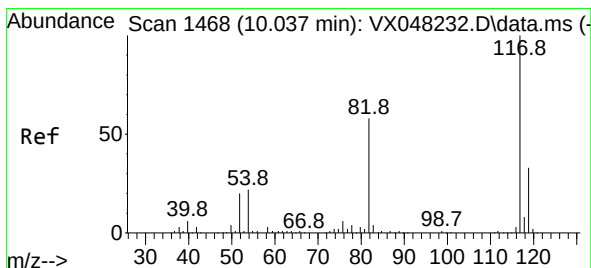
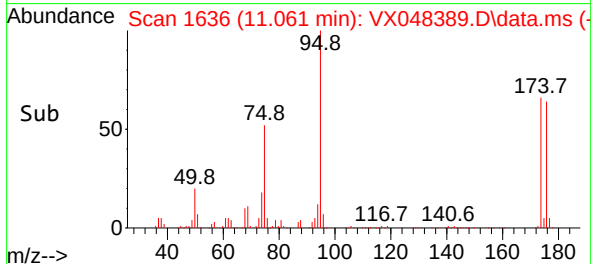
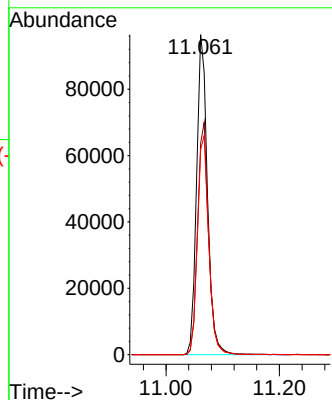
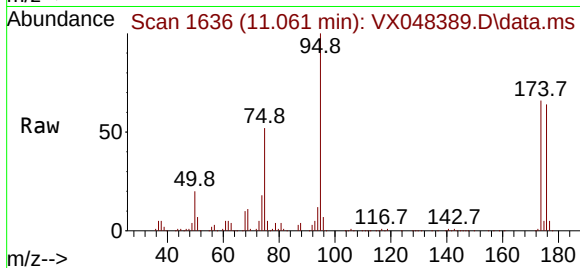
Tgt Ion: 95 Resp: 127981

Ion Ratio Lower Upper

95 100

174 73.7 0.0 147.8

176 70.9 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: VX048389.D

Acq: 28 Oct 2025 11:32

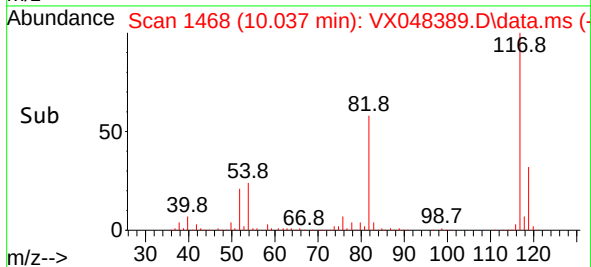
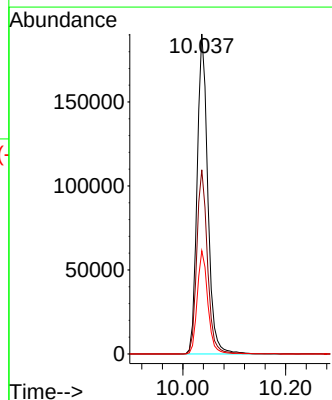
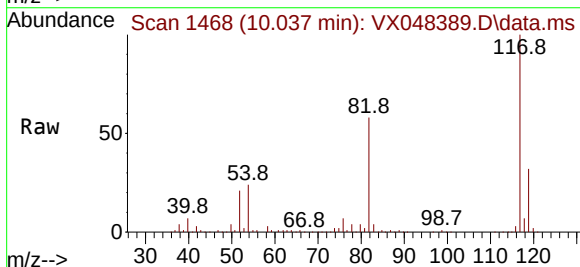
Tgt Ion: 117 Resp: 274876

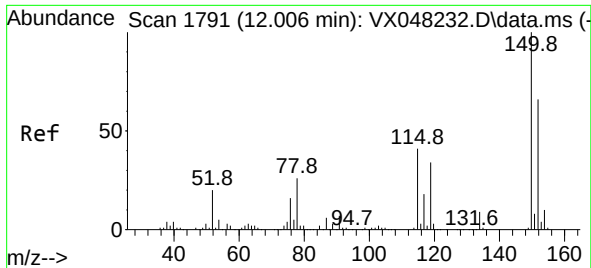
Ion Ratio Lower Upper

117 100

82 57.5 46.5 69.7

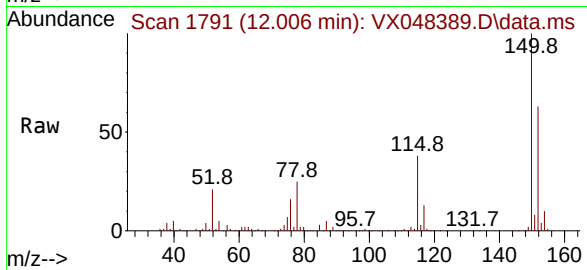
119 32.2 25.9 38.9





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.006 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX048389.D  
 Acq: 28 Oct 2025 11:32

Instrument :  
 MSVOA\_X  
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Tgt Ion:152 Resp: 135974  
 Ion Ratio Lower Upper  
 152 100  
 115 61.6 43.1 129.4  
 150 157.1 0.0 353.0

