

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102125\  
 Data File : VX048277.D  
 Acq On : 21 Oct 2025 17:48  
 Operator : JC/MD  
 Sample : Q3376-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PR132-FB01-20251016

Quant Time: Oct 24 04:29:57 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

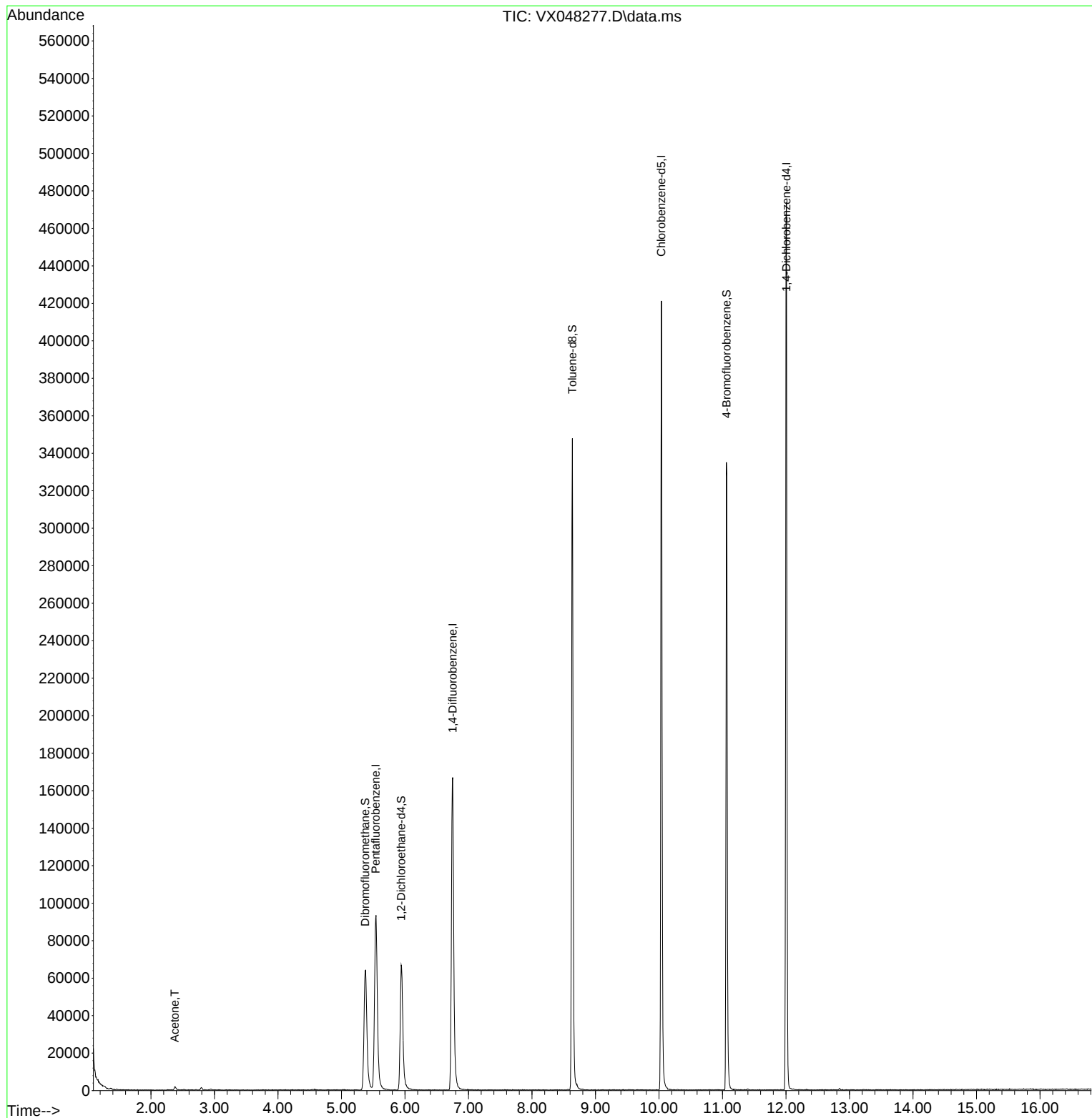
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 5.538  | 168   | 95980    | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 6.751  | 114   | 184822   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 10.037 | 117   | 196926   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 12.006 | 152   | 105671   | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 5.940  | 65    | 78641    | 58.438   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 116.880%    |
| 35) Dibromofluoromethane    | 5.373  | 113   | 62781    | 49.756   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 99.520%     |
| 50) Toluene-d8              | 8.635  | 98    | 212078   | 47.953   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 95.900%     |
| 62) 4-Bromofluorobenzene    | 11.061 | 95    | 96027    | 57.074   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 114.140%    |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 2.374  | 43    | 2619     | 5.673    | ug/l  | Qvalue # 79 |
| -----                       |        |       |          |          |       |             |

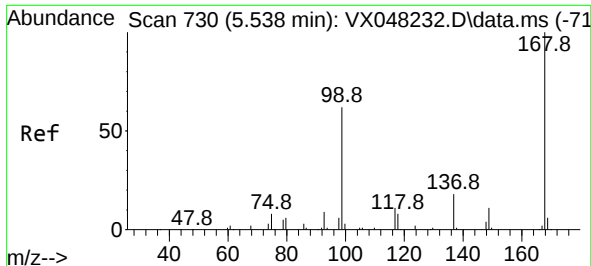
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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PR132-FB01-20251016

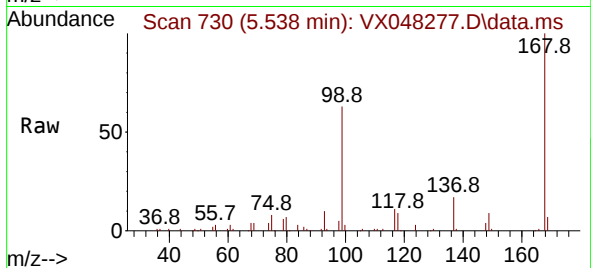
Quant Time: Oct 24 04:29:57 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102025W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 20 14:13:59 2025  
Response via : Initial Calibration



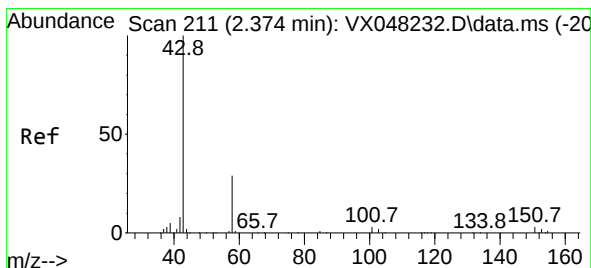
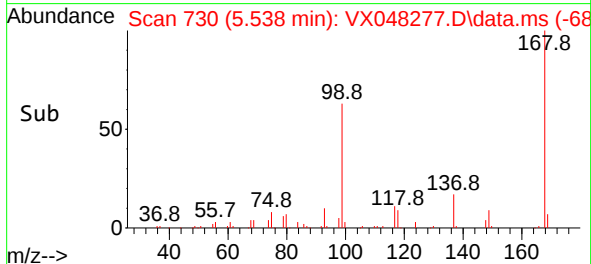
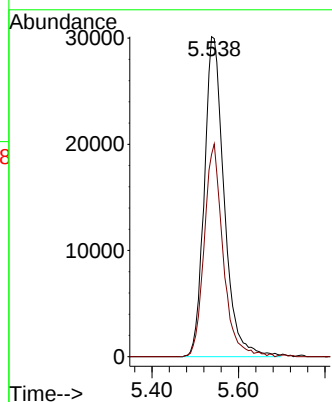


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX048277.D  
Acq: 21 Oct 2025 17:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
PR132-FB01-20251016

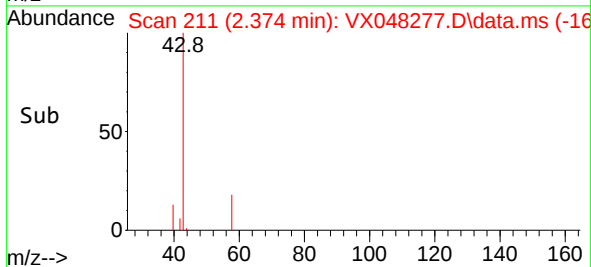
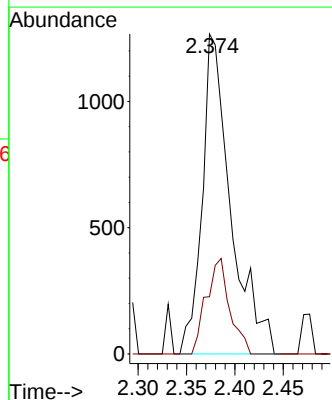
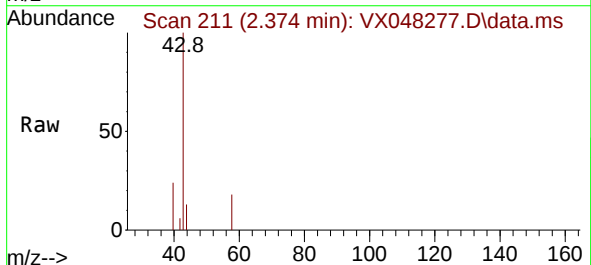


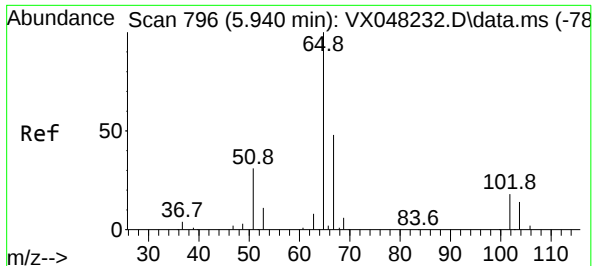
Tgt Ion:168 Resp: 95980  
Ion Ratio Lower Upper  
168 100  
99 63.2 46.4 69.6



#16  
Acetone  
Concen: 5.673 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX048277.D  
Acq: 21 Oct 2025 17:48

Tgt Ion: 43 Resp: 2619  
Ion Ratio Lower Upper  
43 100  
58 17.9 23.4 35.2#

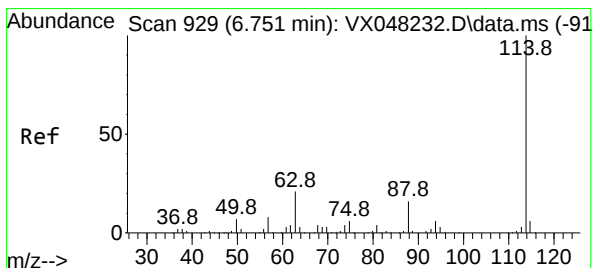
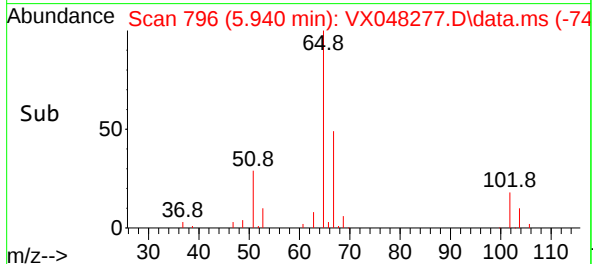
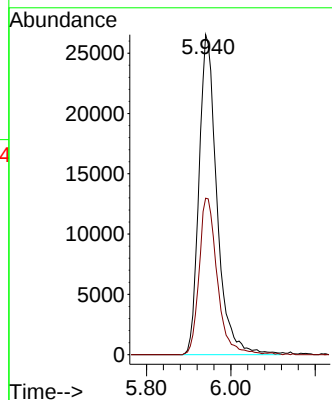
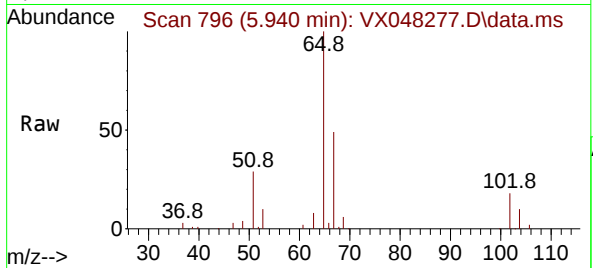




#33  
 1,2-Dichloroethane-d4  
 Concen: 58.438 ug/l  
 RT: 5.940 min Scan# 796  
 Delta R.T. 0.000 min  
 Lab File: VX048277.D  
 Acq: 21 Oct 2025 17:48

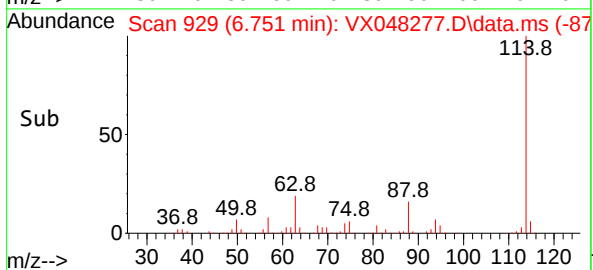
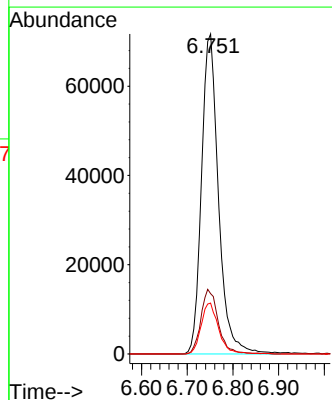
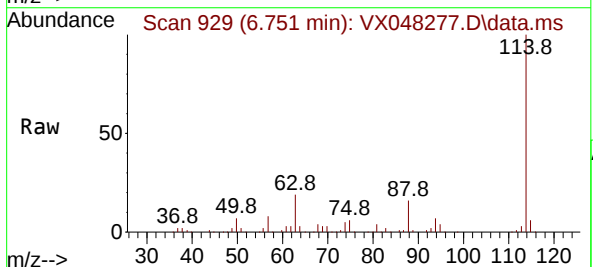
Instrument :  
 MSVOA\_X  
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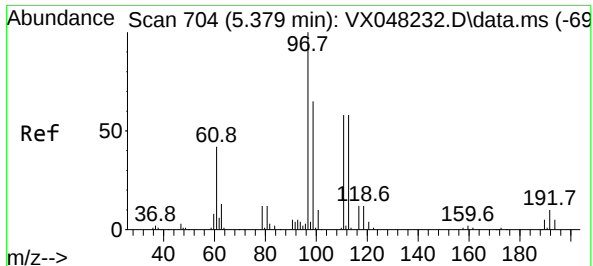
Tgt Ion: 65 Resp: 78641  
 Ion Ratio Lower Upper  
 65 100  
 67 49.5 0.0 105.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.751 min Scan# 929  
 Delta R.T. 0.006 min  
 Lab File: VX048277.D  
 Acq: 21 Oct 2025 17:48

Tgt Ion: 114 Resp: 184822  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 43.2  
 88 15.9 0.0 33.6

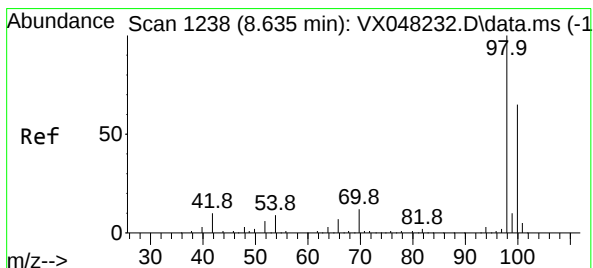
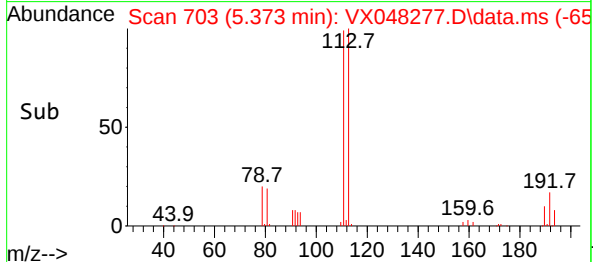
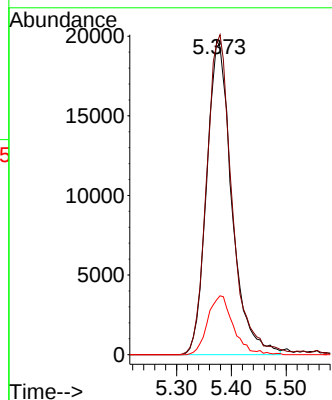
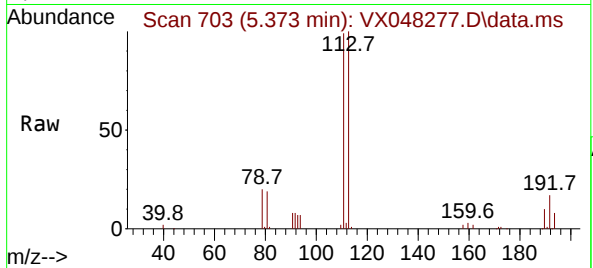




#35  
Dibromofluoromethane  
Concen: 49.756 ug/l  
RT: 5.373 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX048277.D  
Acq: 21 Oct 2025 17:48

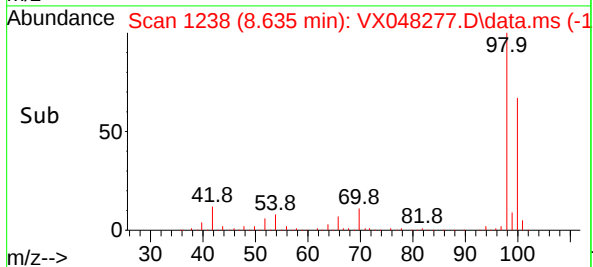
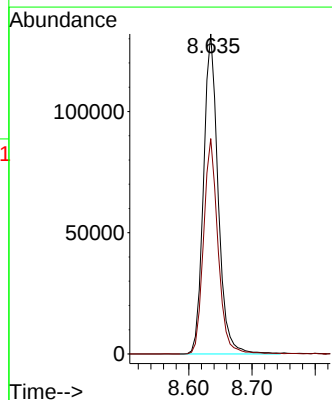
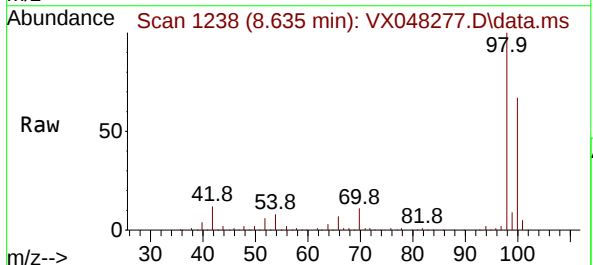
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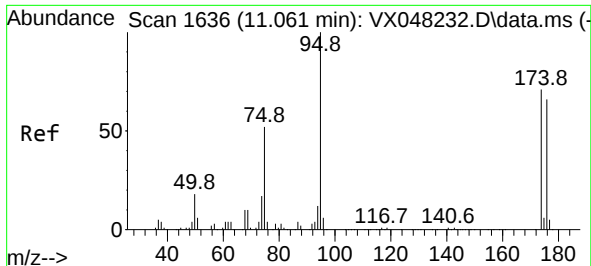
Tgt Ion:113 Resp: 62781  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.2 123.4  
192 19.2 15.1 22.7



#50  
Toluene-d8  
Concen: 47.953 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VX048277.D  
Acq: 21 Oct 2025 17:48

Tgt Ion: 98 Resp: 212078  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.0 79.4

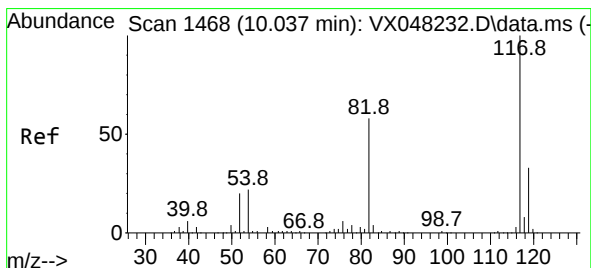
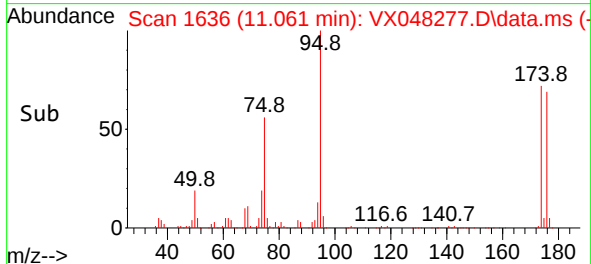
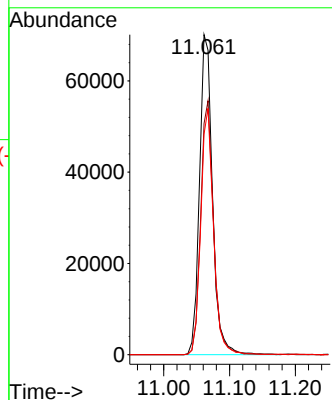
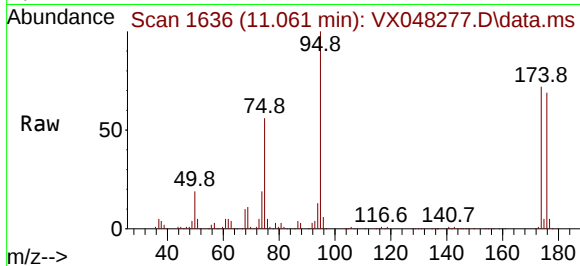




#62  
4-Bromofluorobenzene  
Concen: 57.074 ug/l  
RT: 11.061 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX048277.D  
Acq: 21 Oct 2025 17:48

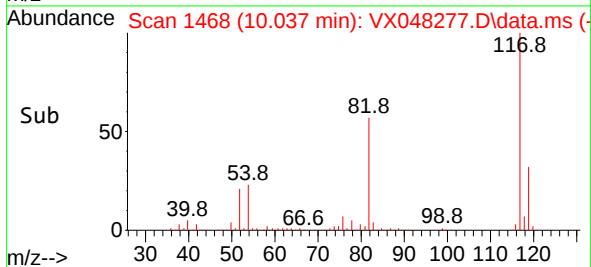
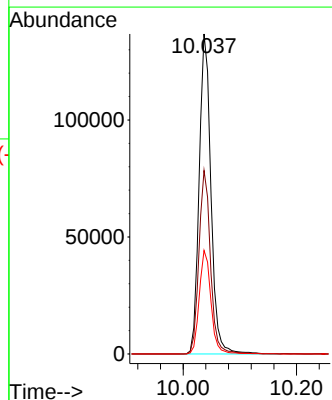
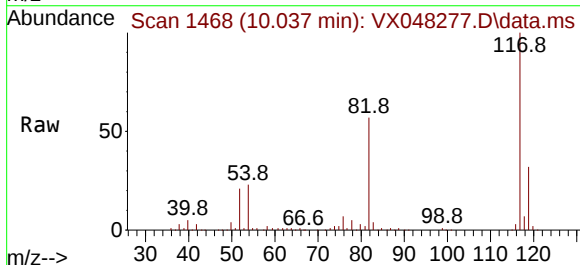
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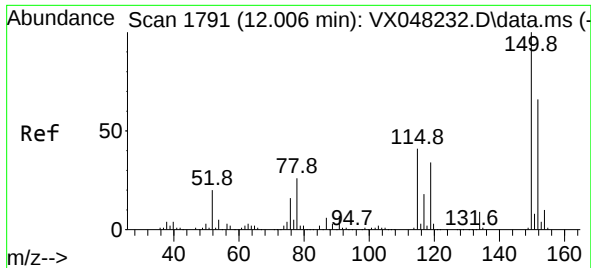
Tgt Ion: 95 Resp: 96027  
Ion Ratio Lower Upper  
95 100  
174 78.9 0.0 147.8  
176 75.8 0.0 142.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: VX048277.D  
Acq: 21 Oct 2025 17:48

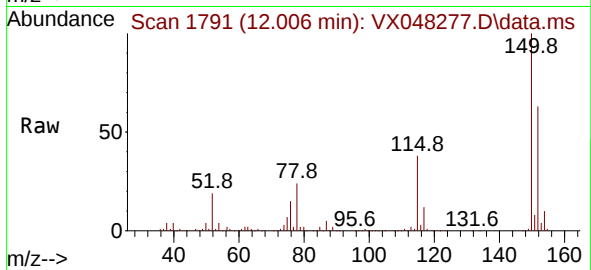
Tgt Ion: 117 Resp: 196926  
Ion Ratio Lower Upper  
117 100  
82 57.4 46.5 69.7  
119 32.4 25.9 38.9





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.006 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX048277.D  
 Acq: 21 Oct 2025 17:48

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PR132-FB01-20251016



Tgt Ion:152 Resp: 105671  
 Ion Ratio Lower Upper  
 152 100  
 115 62.2 43.1 129.4  
 150 156.0 0.0 353.0

