

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071025\  
 Data File : VU063472.D  
 Acq On : 10 Jul 2025 11:27  
 Operator : MD/SY  
 Sample : VU0710WBL04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0710WBL04

Quant Time: Jul 11 04:47:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 11 04:42:35 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.357  | 168  | 116471   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.238  | 114  | 203764   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.409  | 117  | 185746   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.804 | 152  | 96537    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.692  | 65    | 75847    | 51.040   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 102.080% |
| 35) Dibromofluoromethane    | 5.274  | 113   | 60236    | 49.042   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.080%  |
| 50) Toluene-d8              | 7.888  | 98    | 192081   | 47.976   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 95.960%  |
| 62) 4-Bromofluorobenzene    | 10.624 | 95    | 85975    | 49.093   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 98.180%  |

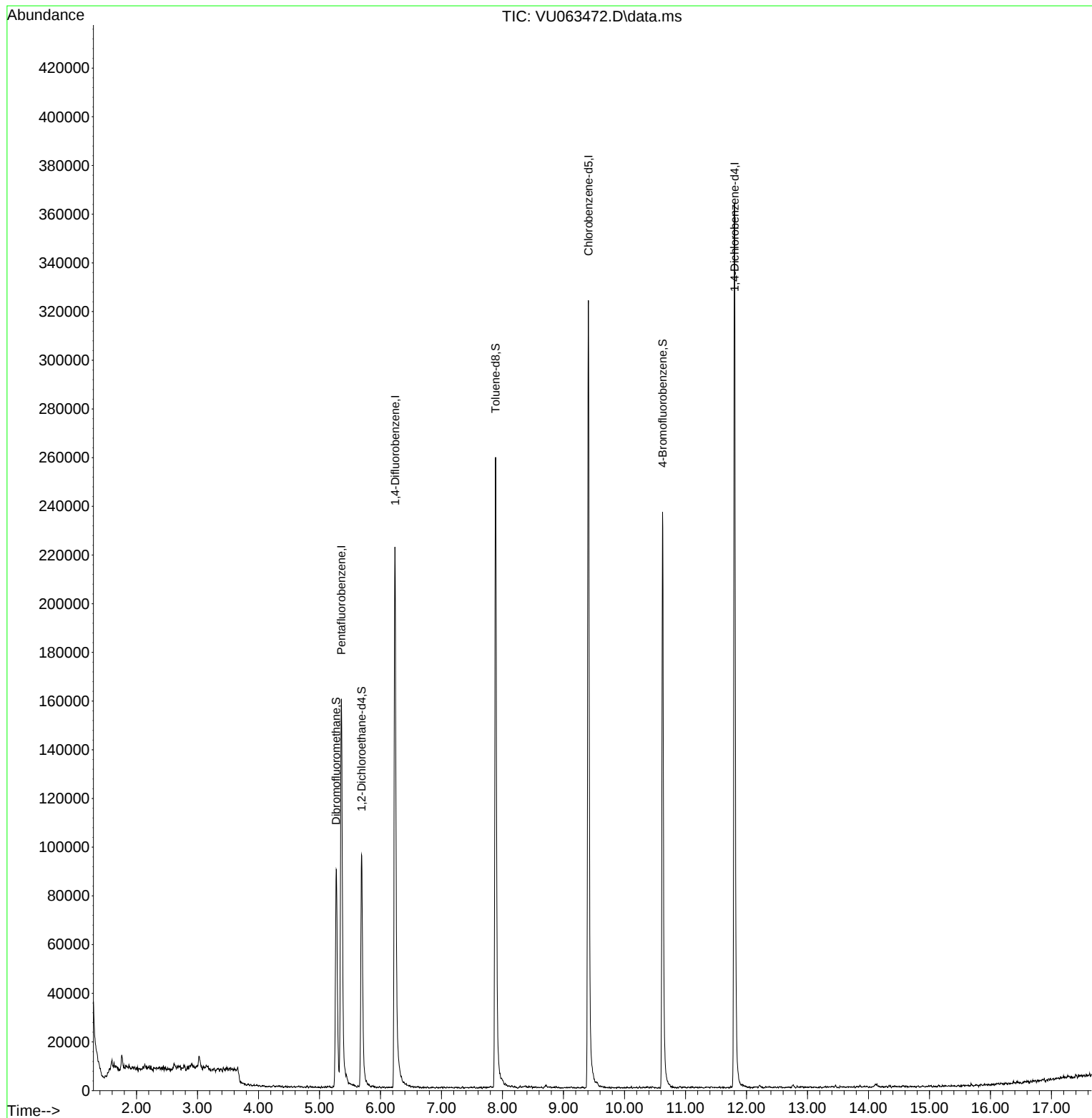
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

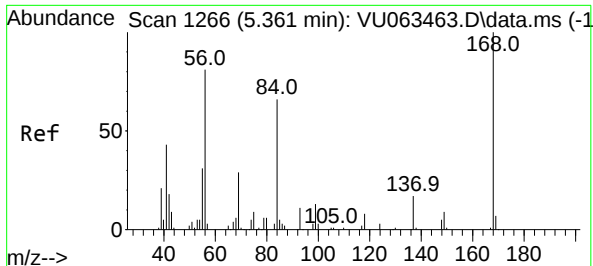
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VU0710WBL04  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBL04

Quant Time: Jul 11 04:47:42 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 11 04:42:35 2025  
Response via : Initial Calibration

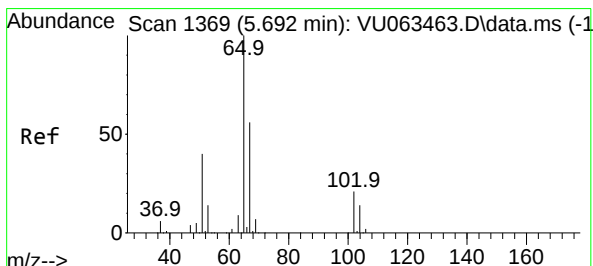
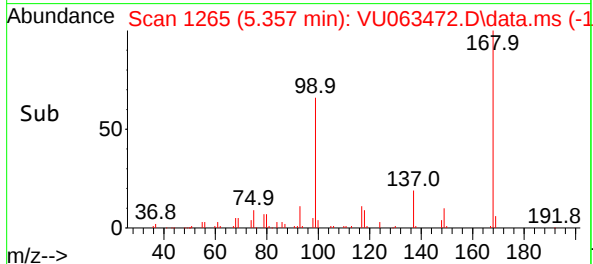
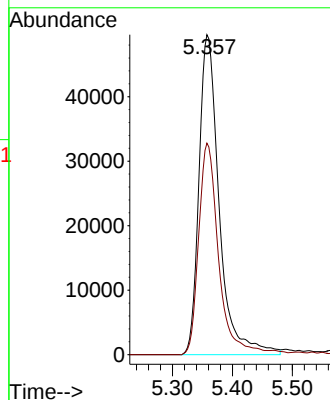
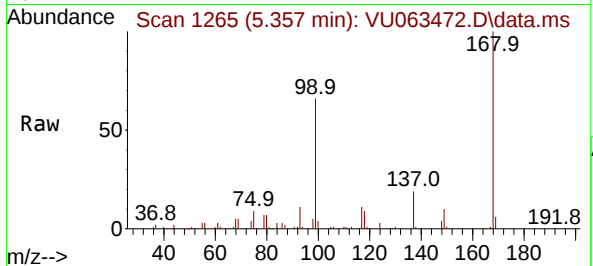




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.357 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: VU063472.D  
Acq: 10 Jul 2025 11:27

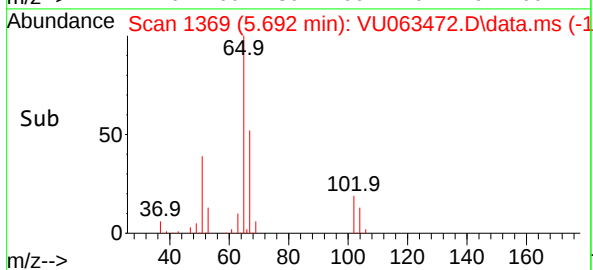
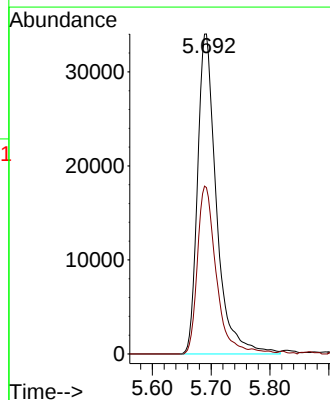
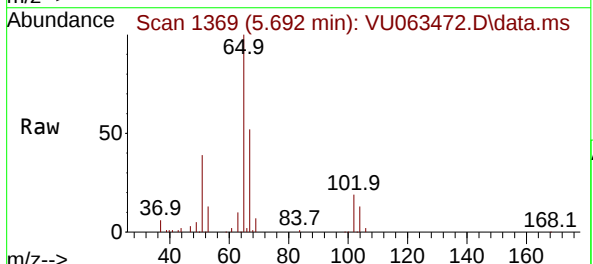
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBL04

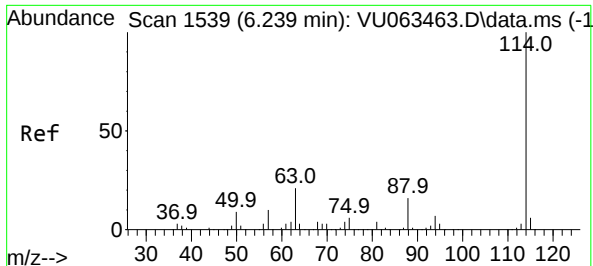
Tgt Ion:168 Resp: 116471  
Ion Ratio Lower Upper  
168 100  
99 66.1 47.7 71.5



#33  
1,2-Dichloroethane-d4  
Concen: 51.040 ug/l  
RT: 5.692 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VU063472.D  
Acq: 10 Jul 2025 11:27

Tgt Ion: 65 Resp: 75847  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 107.8

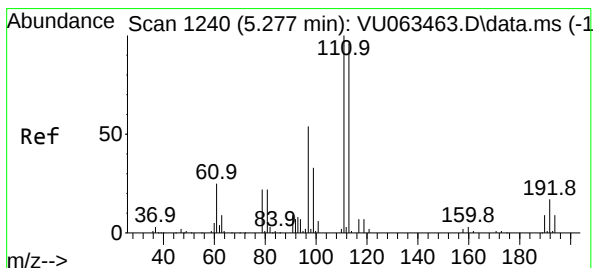
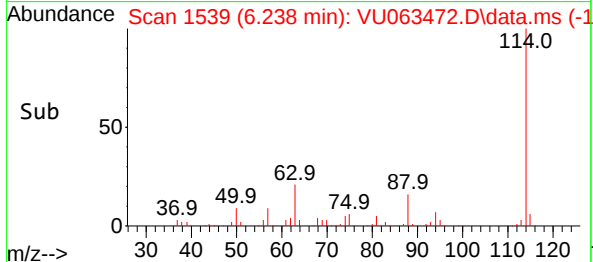
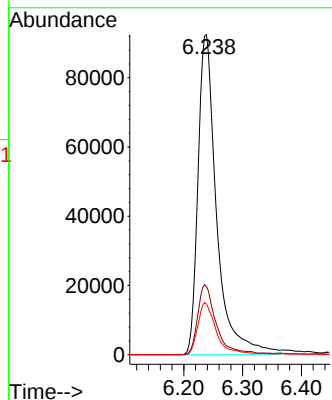
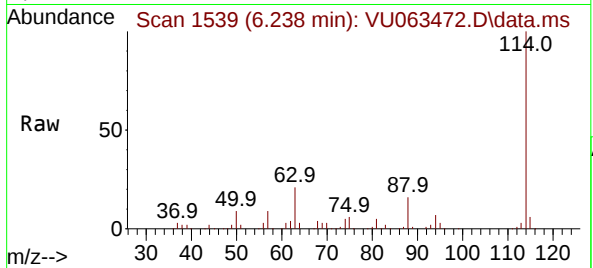




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU063472.D  
Acq: 10 Jul 2025 11:27

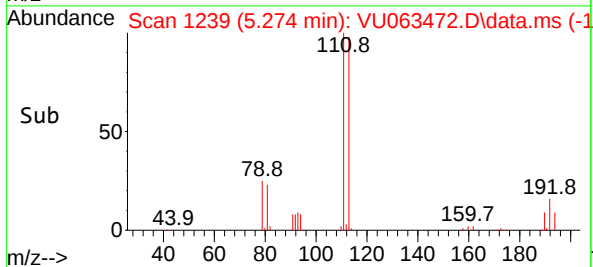
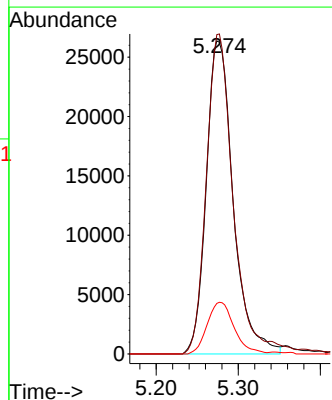
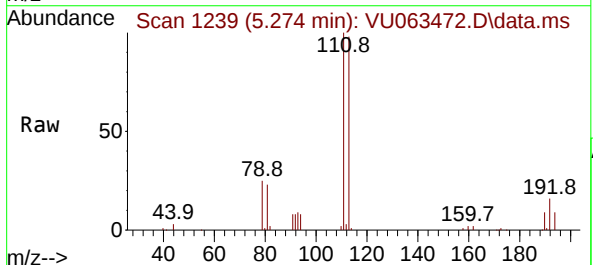
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBL04

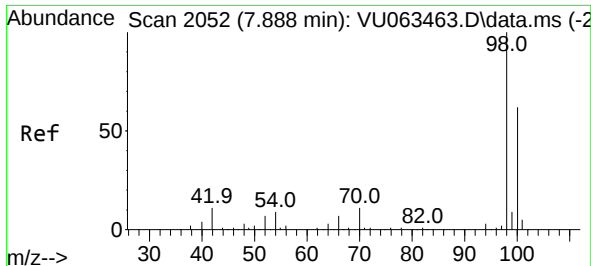
Tgt Ion:114 Resp: 203764  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 41.6  
88 15.8 0.0 32.0



#35  
Dibromofluoromethane  
Concen: 49.042 ug/l  
RT: 5.274 min Scan# 1239  
Delta R.T. -0.003 min  
Lab File: VU063472.D  
Acq: 10 Jul 2025 11:27

Tgt Ion:113 Resp: 60236  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.1 123.1  
192 16.6 14.3 21.5

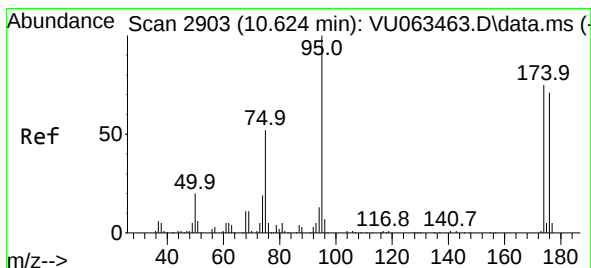
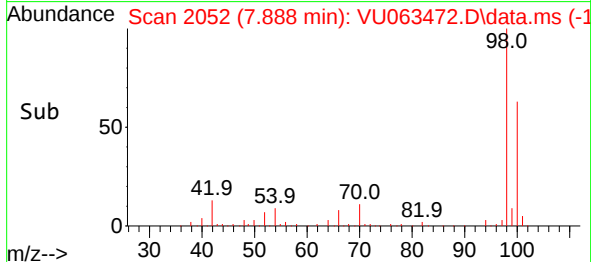
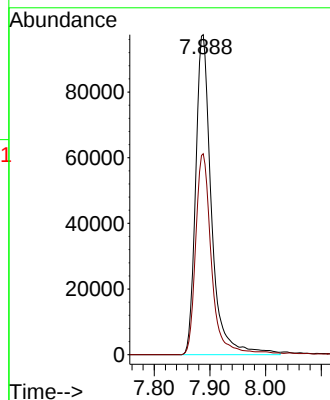
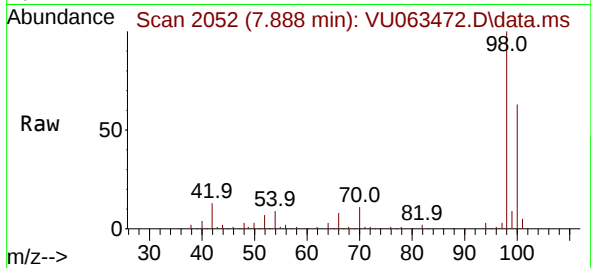




#50  
Toluene-d8  
Concen: 47.976 ug/l  
RT: 7.888 min Scan# 2052  
Delta R.T. -0.000 min  
Lab File: VU063472.D  
Acq: 10 Jul 2025 11:27

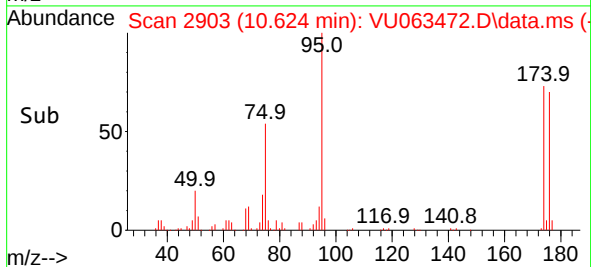
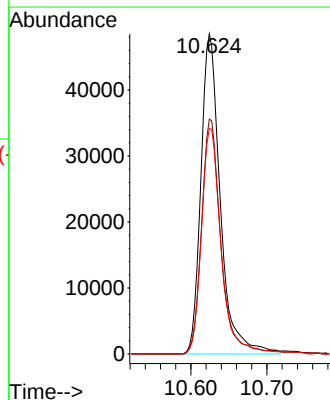
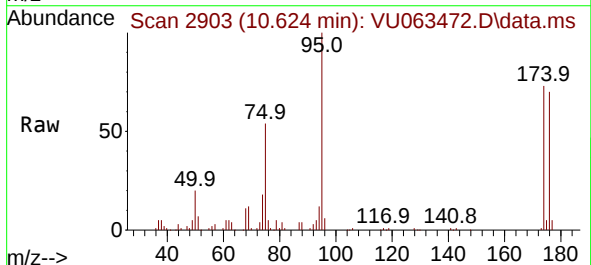
Instrument :  
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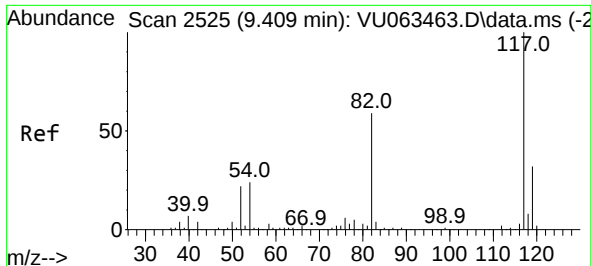
Tgt Ion: 98 Resp: 192081  
Ion Ratio Lower Upper  
98 100  
100 62.5 48.1 72.1



#62  
4-Bromofluorobenzene  
Concen: 49.093 ug/l  
RT: 10.624 min Scan# 2903  
Delta R.T. -0.000 min  
Lab File: VU063472.D  
Acq: 10 Jul 2025 11:27

Tgt Ion: 95 Resp: 85975  
Ion Ratio Lower Upper  
95 100  
174 72.4 0.0 153.6  
176 71.1 0.0 145.8

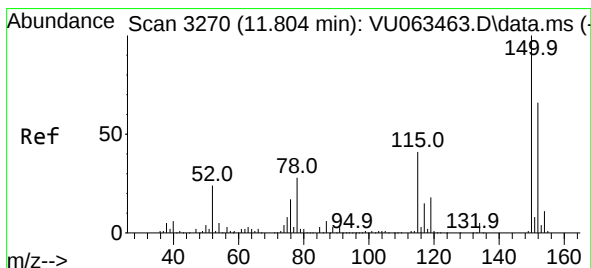
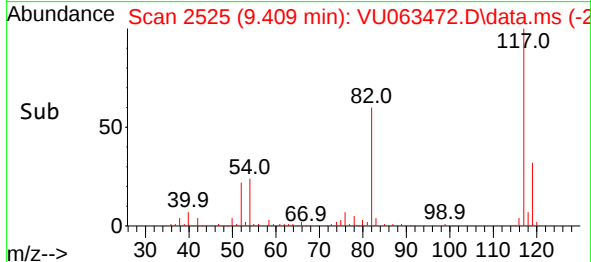
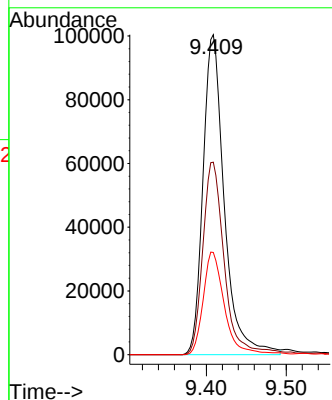
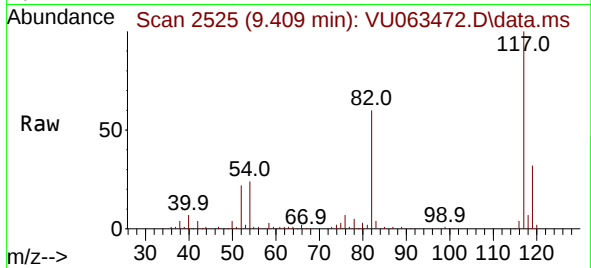




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.409 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU063472.D  
Acq: 10 Jul 2025 11:27

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBL04

Tgt Ion:117 Resp: 185746  
Ion Ratio Lower Upper  
117 100  
82 60.2 47.1 70.7  
119 31.9 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.804 min Scan# 3270  
Delta R.T. -0.000 min  
Lab File: VU063472.D  
Acq: 10 Jul 2025 11:27

Tgt Ion:152 Resp: 96537  
Ion Ratio Lower Upper  
152 100  
115 63.0 43.4 130.2  
150 158.8 0.0 341.4

