

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091725\  
 Data File : VX047602.D  
 Acq On : 17 Sep 2025 09:21  
 Operator : JC/MD  
 Sample : VX0917MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0917MBL01

Quant Time: Sep 18 01:58:43 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.531  | 168  | 142529   | 50.000 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 6.745  | 114  | 286227   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 279989   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152  | 133045   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.934  | 65    | 120604   | 53.160   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 106.320% |
| 35) Dibromofluoromethane    | 5.373  | 113   | 98424    | 51.273   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 102.540% |
| 50) Toluene-d8              | 8.628  | 98    | 349551   | 52.626   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 105.260% |
| 62) 4-Bromofluorobenzene    | 11.061 | 95    | 147993   | 58.708   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 117.420% |

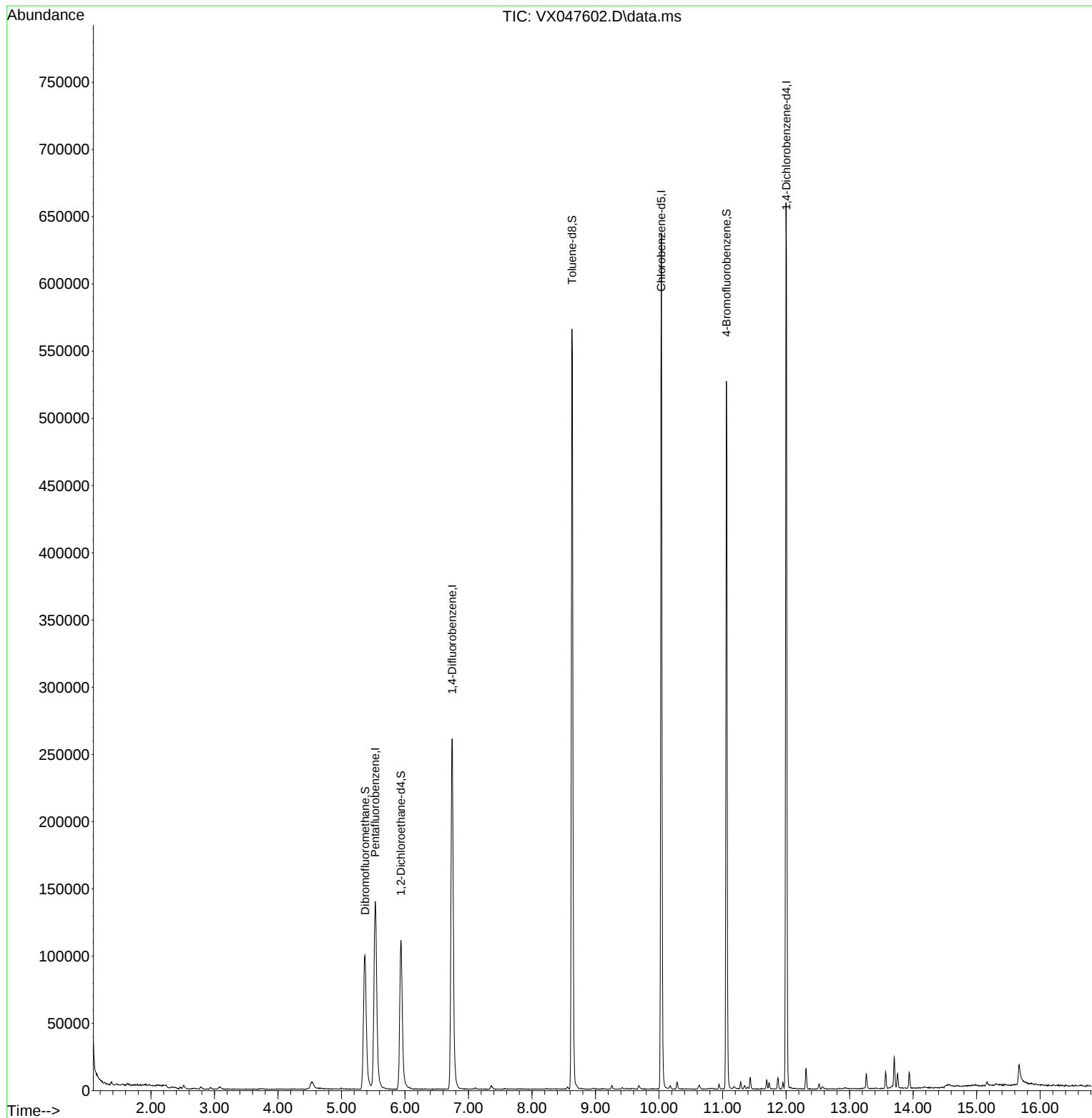
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

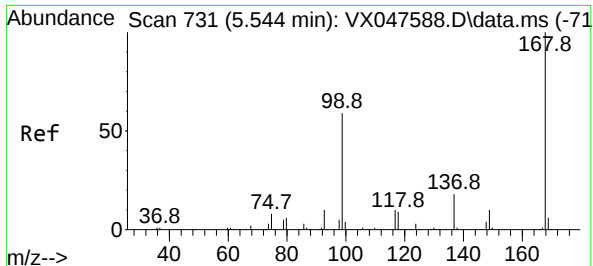
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Quant Time: Sep 18 01:58:43 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
Response via : Initial Calibration

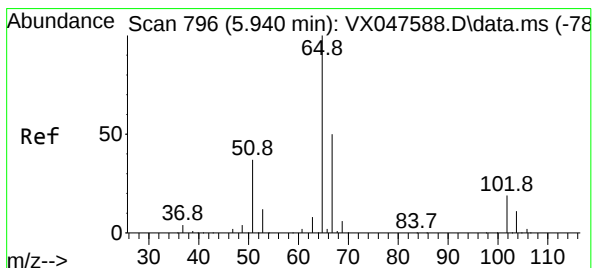
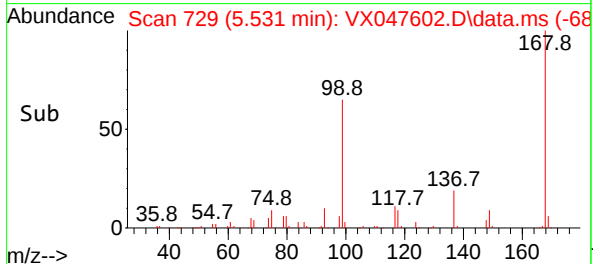
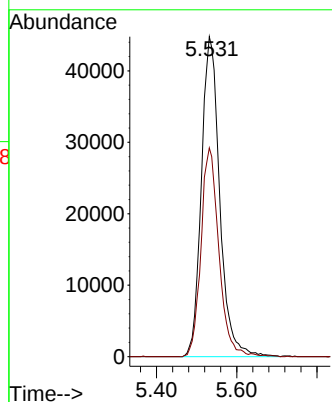
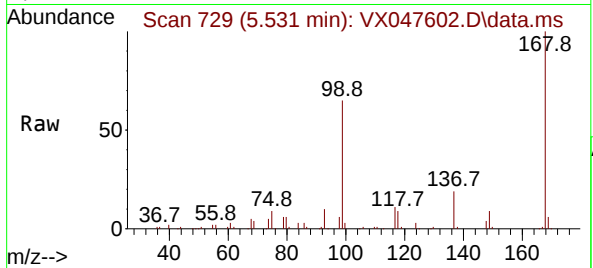




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.531 min Scan# 71  
Delta R.T. -0.013 min  
Lab File: VX047602.D  
Acq: 17 Sep 2025 09:21

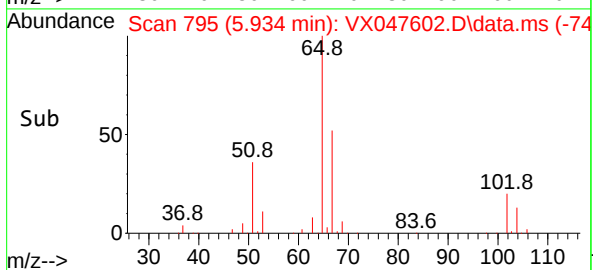
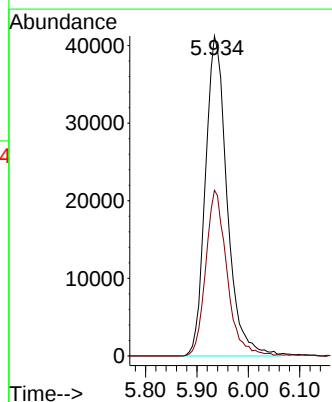
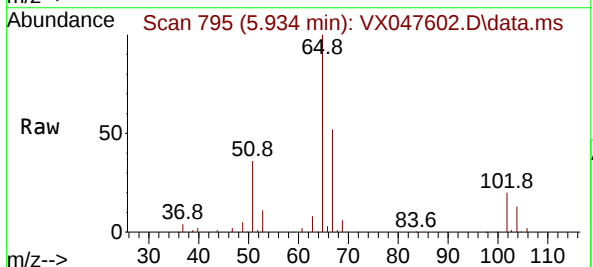
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0917MBL01

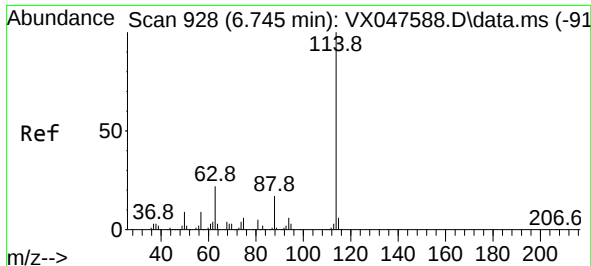
Tgt Ion:168 Resp: 142529  
Ion Ratio Lower Upper  
168 100  
99 65.2 48.8 73.2



#33  
1,2-Dichloroethane-d4  
Concen: 53.160 ug/l  
RT: 5.934 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: VX047602.D  
Acq: 17 Sep 2025 09:21

Tgt Ion: 65 Resp: 120604  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 103.0

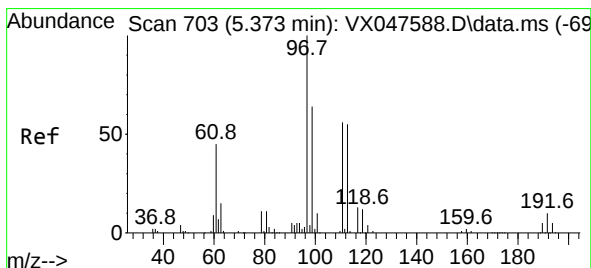
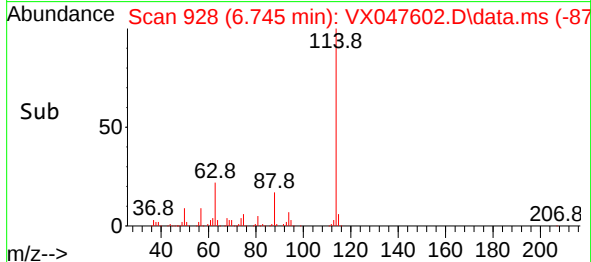
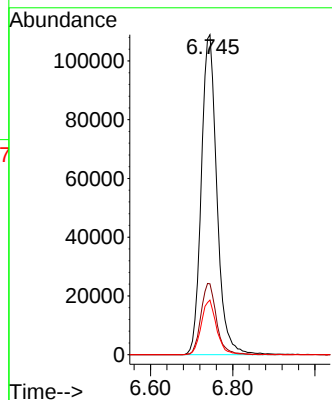
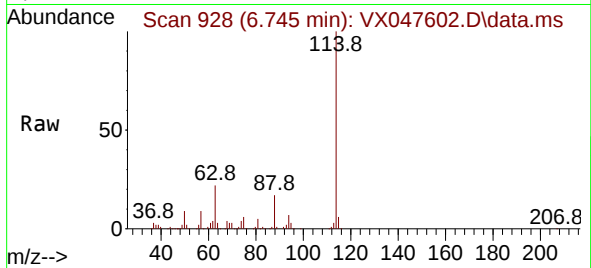




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.745 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX047602.D  
Acq: 17 Sep 2025 09:21

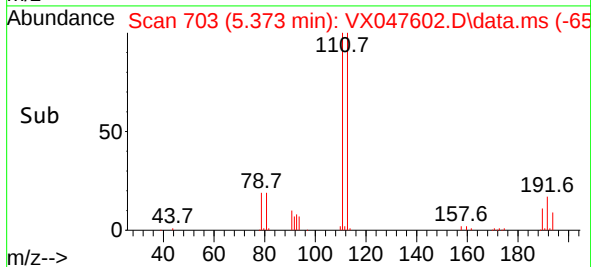
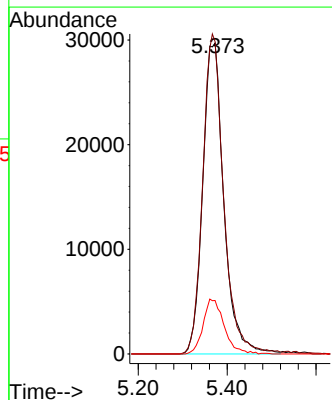
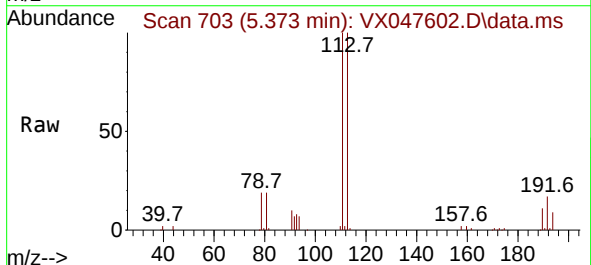
Instrument :  
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ClientSampleId :  
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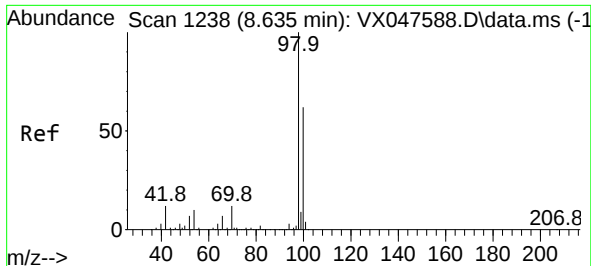
Tgt Ion:114 Resp: 286227  
Ion Ratio Lower Upper  
114 100  
63 22.2 0.0 44.0  
88 17.1 0.0 34.2



#35  
Dibromofluoromethane  
Concen: 51.273 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX047602.D  
Acq: 17 Sep 2025 09:21

Tgt Ion:113 Resp: 98424  
Ion Ratio Lower Upper  
113 100  
111 101.8 80.9 121.3  
192 17.5 14.2 21.4

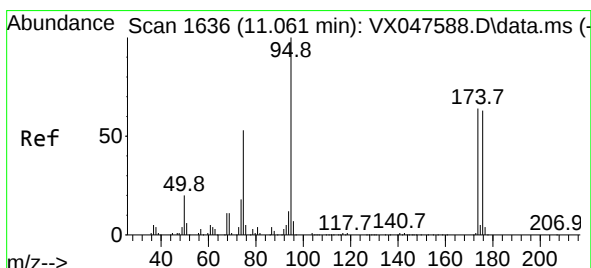
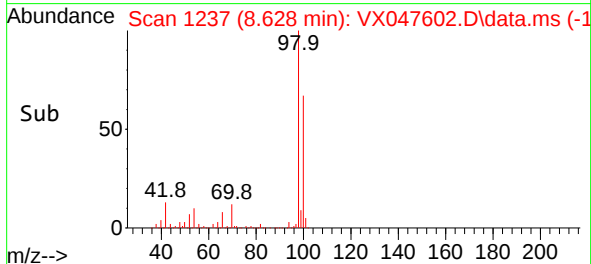
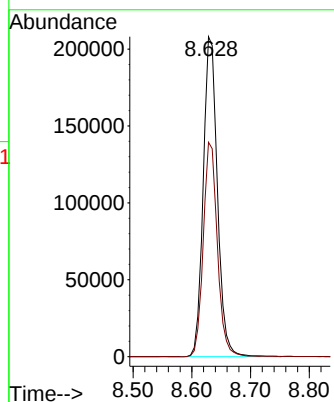
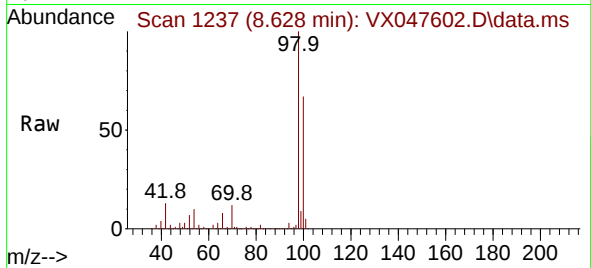




#50  
Toluene-d8  
Concen: 52.626 ug/l  
RT: 8.628 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX047602.D  
Acq: 17 Sep 2025 09:21

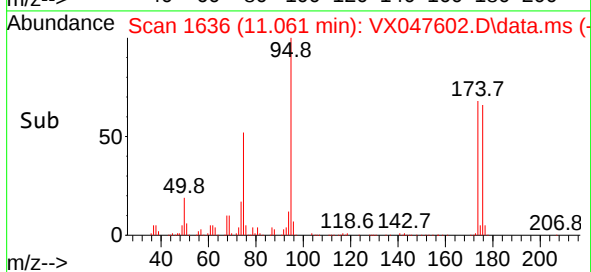
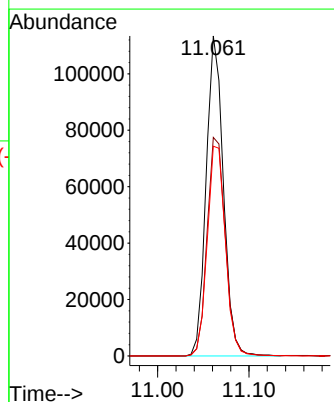
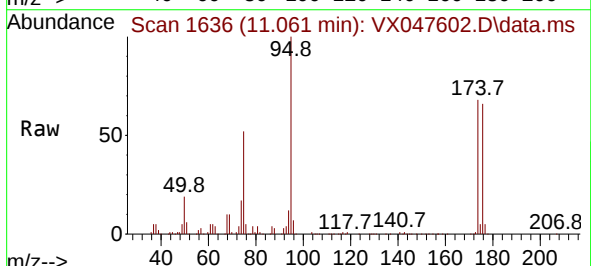
Instrument :  
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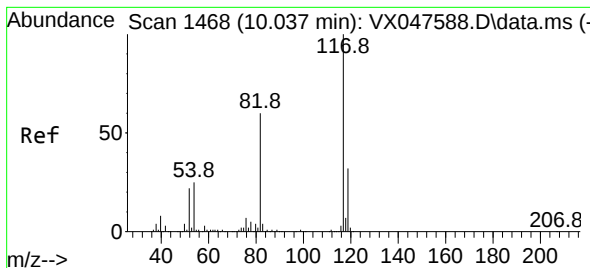
Tgt Ion: 98 Resp: 349551  
Ion Ratio Lower Upper  
98 100  
100 66.8 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 58.708 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX047602.D  
Acq: 17 Sep 2025 09:21

Tgt Ion: 95 Resp: 147993  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 141.6  
176 69.3 0.0 138.4

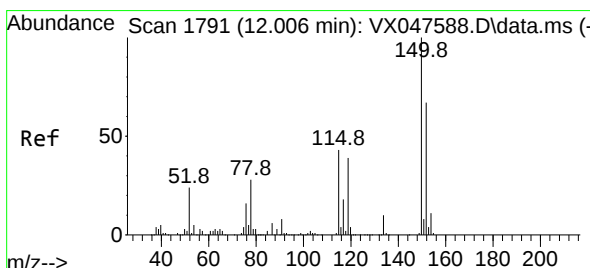
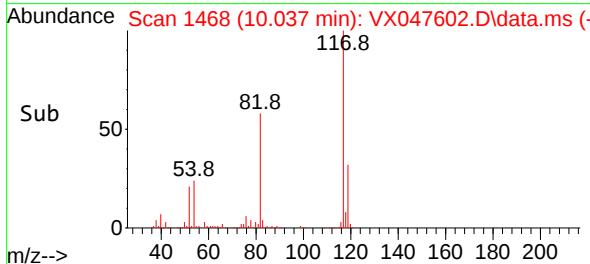
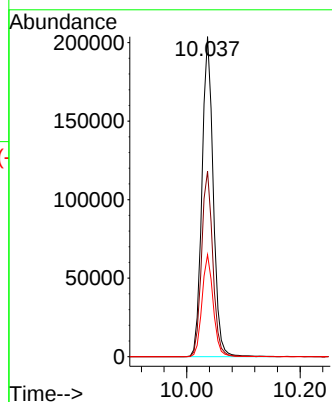
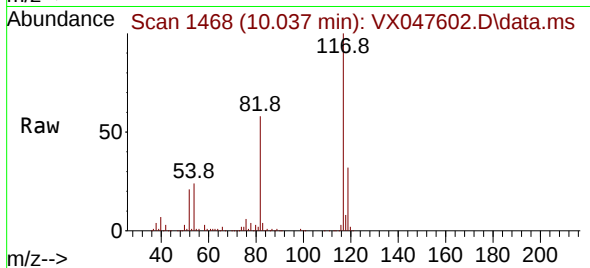




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX047602.D  
Acq: 17 Sep 2025 09:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0917MBL01

Tgt Ion:117 Resp: 279989  
Ion Ratio Lower Upper  
117 100  
82 57.9 47.8 71.6  
119 31.9 25.2 37.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX047602.D  
Acq: 17 Sep 2025 09:21

Tgt Ion:152 Resp: 133045  
Ion Ratio Lower Upper  
152 100  
115 65.1 44.9 134.5  
150 161.2 0.0 352.0

