

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082925\  
 Data File : VX047563.D  
 Acq On : 29 Aug 2025 12:21  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Aug 29 23:53:27 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X082825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 29 02:31:18 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 262250   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 527871   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 522187   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 253975   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 212146   | 52.678   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 105.360% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 183485   | 50.645   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 101.280% |
| 50) Toluene-d8              | 8.647  | 98    | 646419   | 50.903   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 101.800% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 265971   | 55.750   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 111.500% |

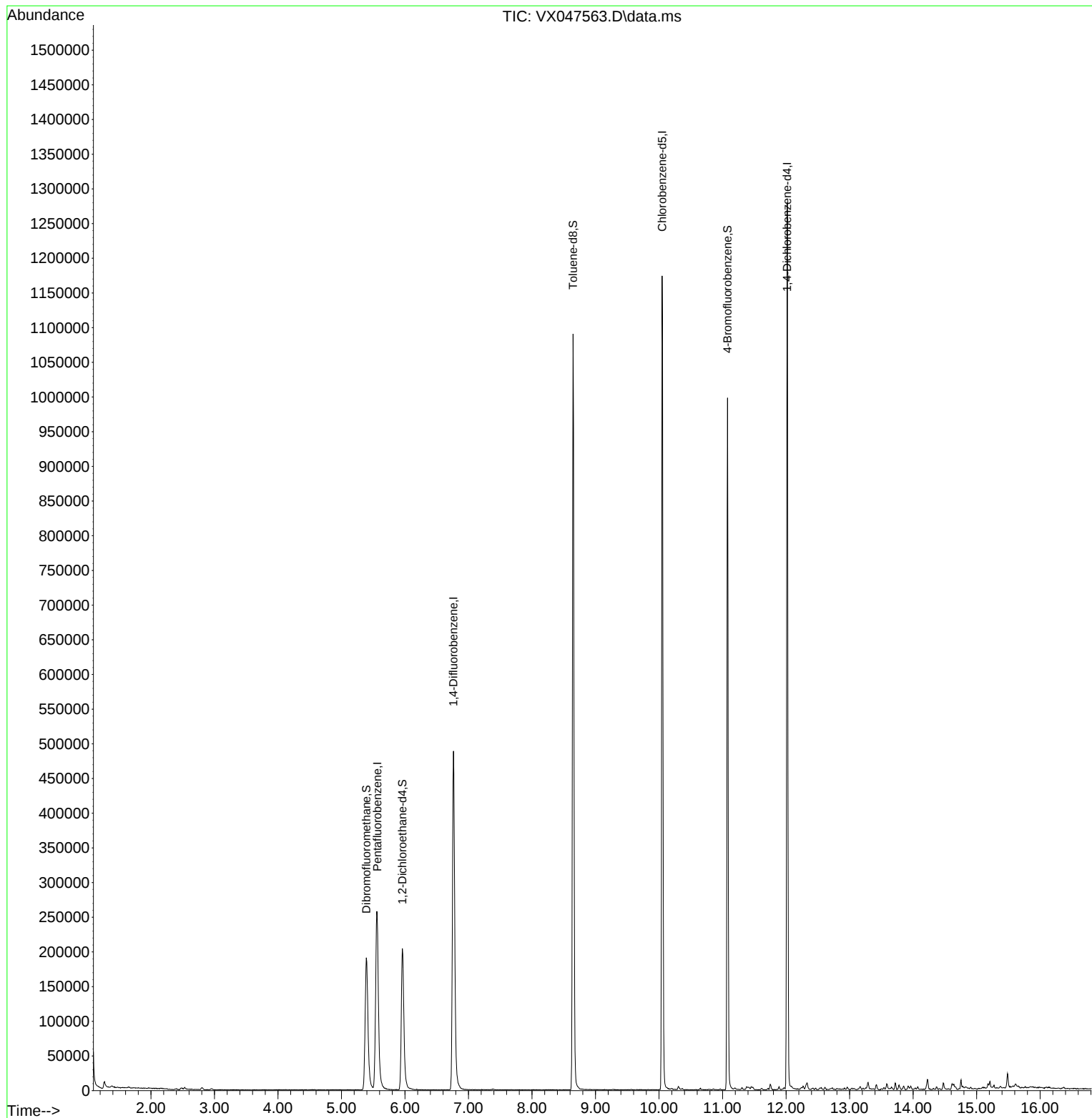
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

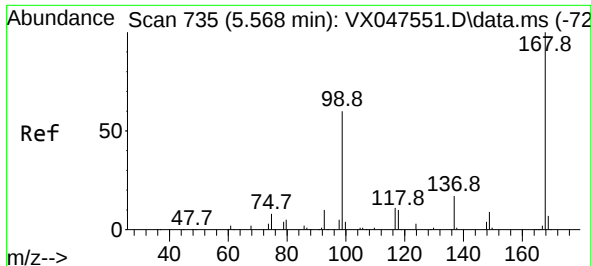
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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IBLK

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Quant Title : SW846 8260  
QLast Update : Fri Aug 29 02:31:18 2025  
Response via : Initial Calibration

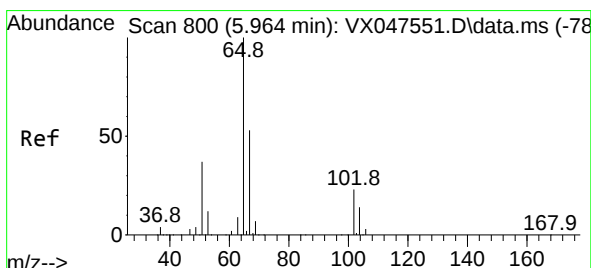
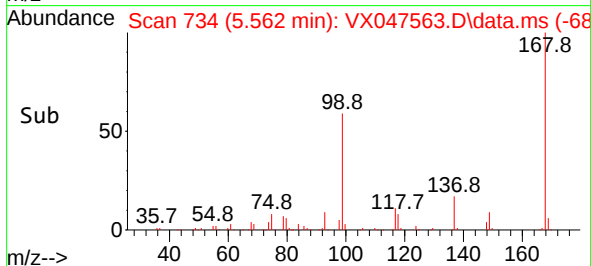
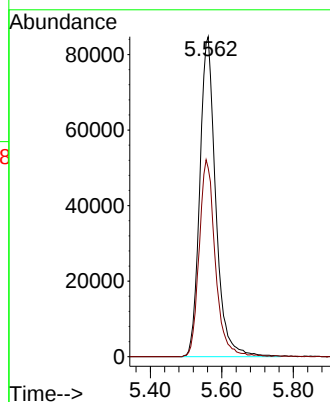
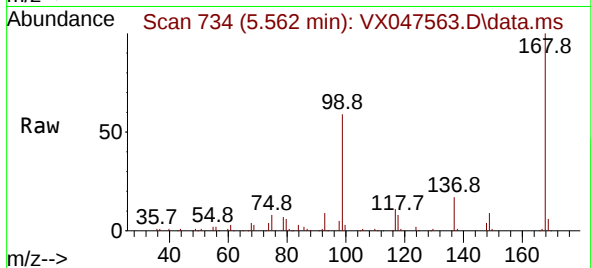




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX047563.D  
Acq: 29 Aug 2025 12:21

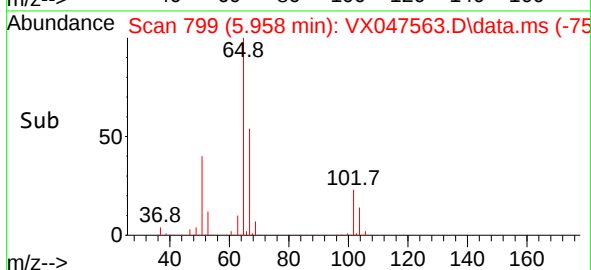
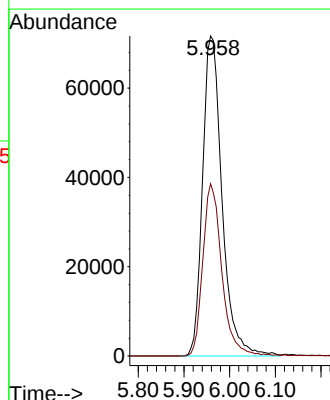
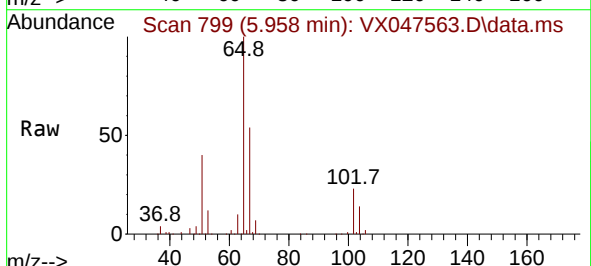
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

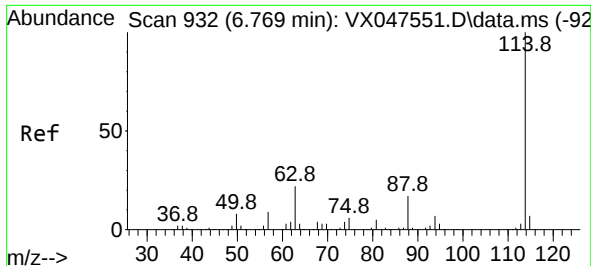
Tgt Ion:168 Resp: 262250  
Ion Ratio Lower Upper  
168 100  
99 59.0 48.9 73.3



#33  
1,2-Dichloroethane-d4  
Concen: 52.678 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX047563.D  
Acq: 29 Aug 2025 12:21

Tgt Ion: 65 Resp: 212146  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 104.8

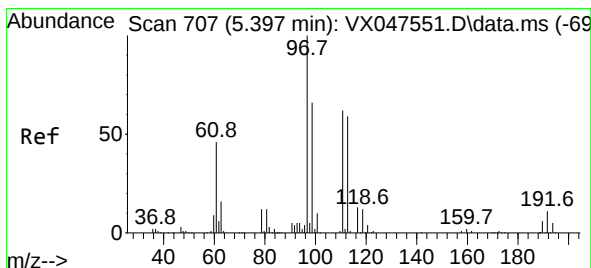
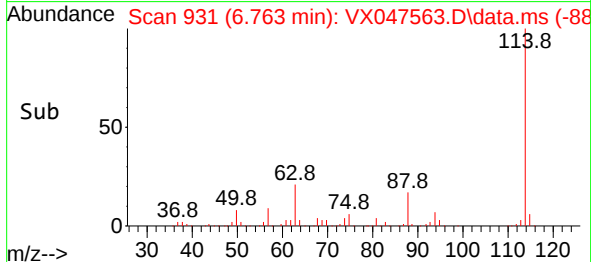
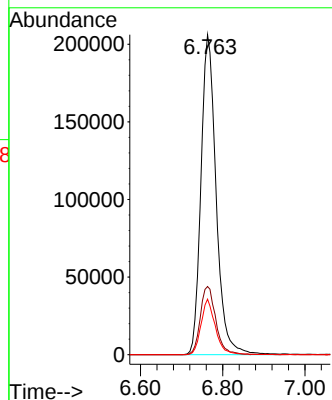
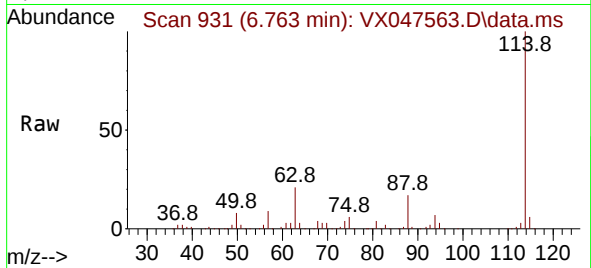




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX047563.D  
Acq: 29 Aug 2025 12:21

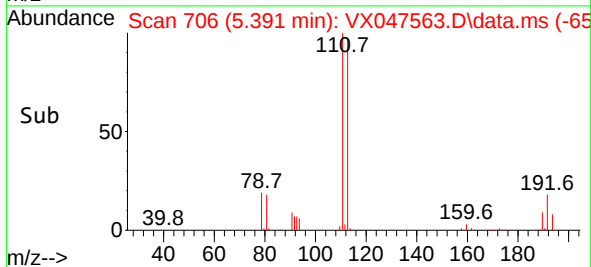
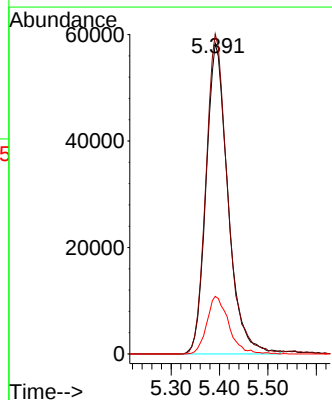
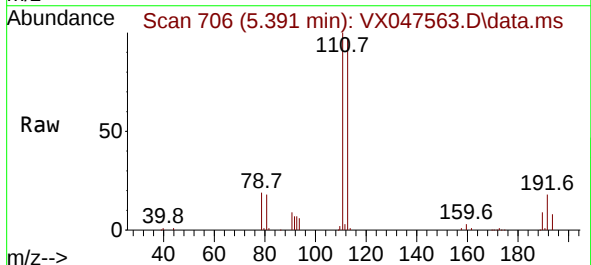
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

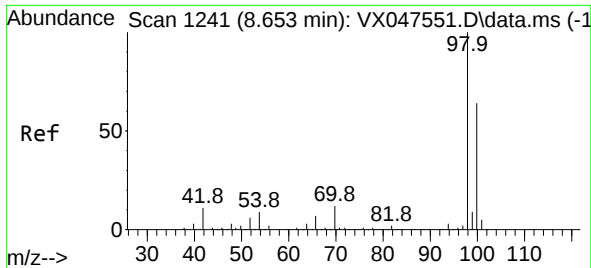
Tgt Ion:114 Resp: 527871  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 43.6  
88 17.4 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 50.645 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VX047563.D  
Acq: 29 Aug 2025 12:21

Tgt Ion:113 Resp: 183485  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.2 121.8  
192 18.6 14.2 21.4

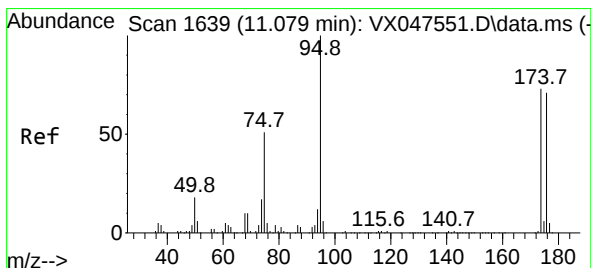
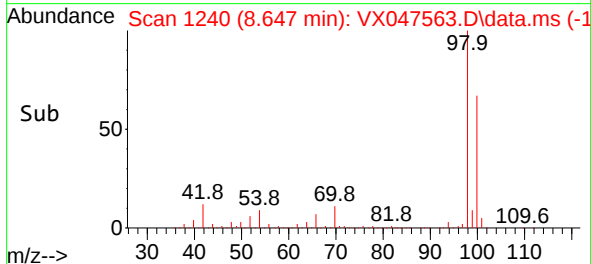
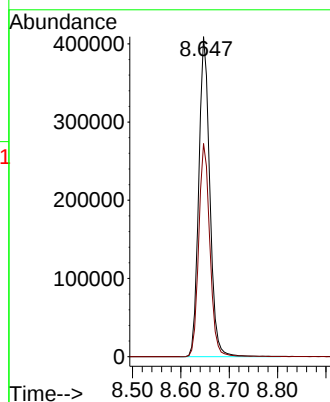
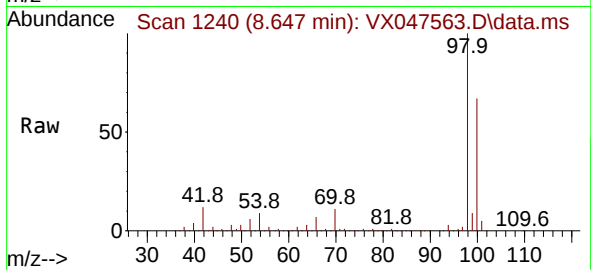




#50  
Toluene-d8  
Concen: 50.903 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX047563.D  
Acq: 29 Aug 2025 12:21

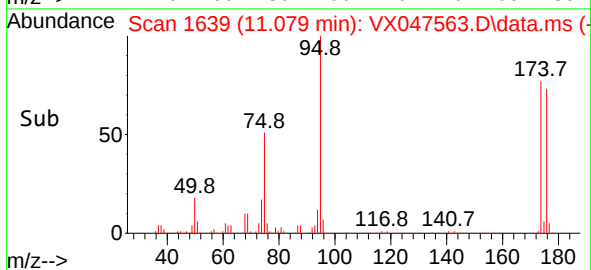
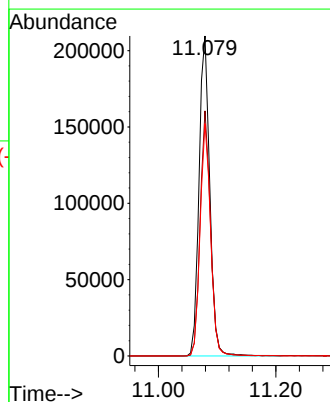
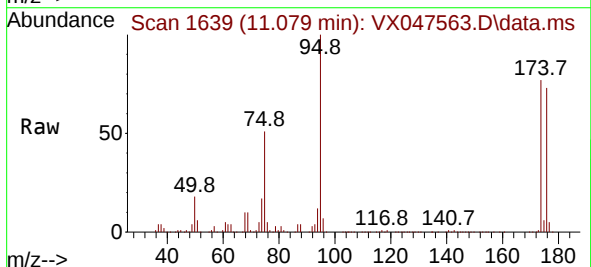
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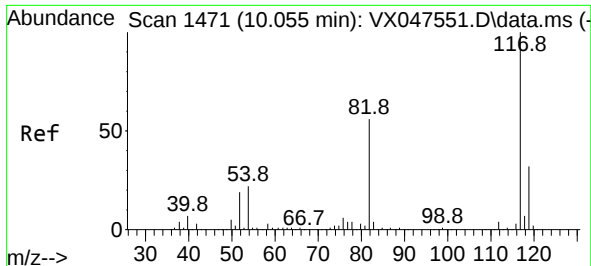
Tgt Ion: 98 Resp: 646419  
Ion Ratio Lower Upper  
98 100  
100 67.0 53.5 80.3



#62  
4-Bromofluorobenzene  
Concen: 55.750 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX047563.D  
Acq: 29 Aug 2025 12:21

Tgt Ion: 95 Resp: 265971  
Ion Ratio Lower Upper  
95 100  
174 74.2 0.0 145.2  
176 71.2 0.0 140.4

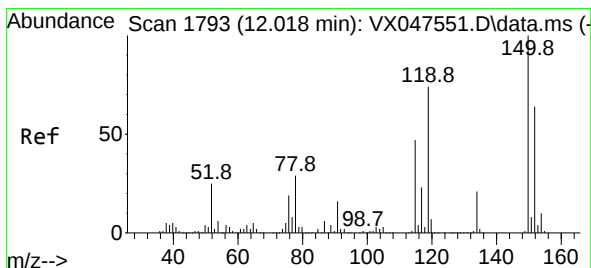
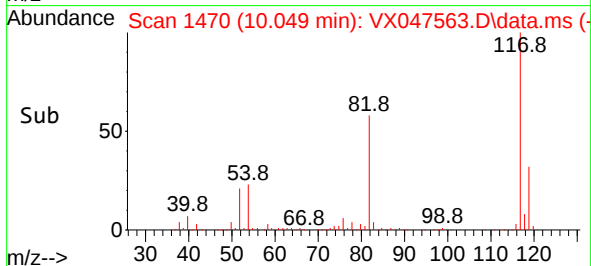
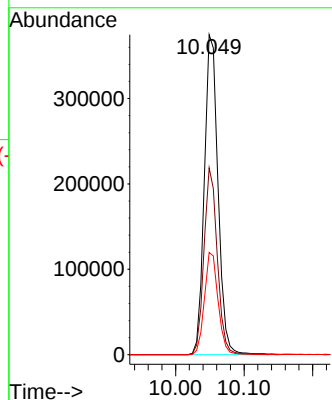
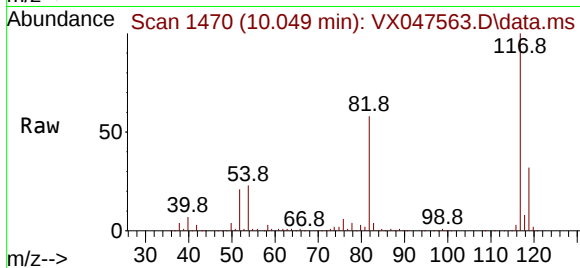




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX047563.D  
Acq: 29 Aug 2025 12:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 522187  
Ion Ratio Lower Upper  
117 100  
82 58.4 44.6 66.8  
119 32.0 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX047563.D  
Acq: 29 Aug 2025 12:21

Tgt Ion:152 Resp: 253975  
Ion Ratio Lower Upper  
152 100  
115 62.4 42.9 128.5  
150 157.3 0.0 351.0

