

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047303.D
 Acq On : 12 Aug 2025 17:28
 Operator : JC/MD
 Sample : Q2814-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-BP-N

Quant Time: Aug 13 01:24:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

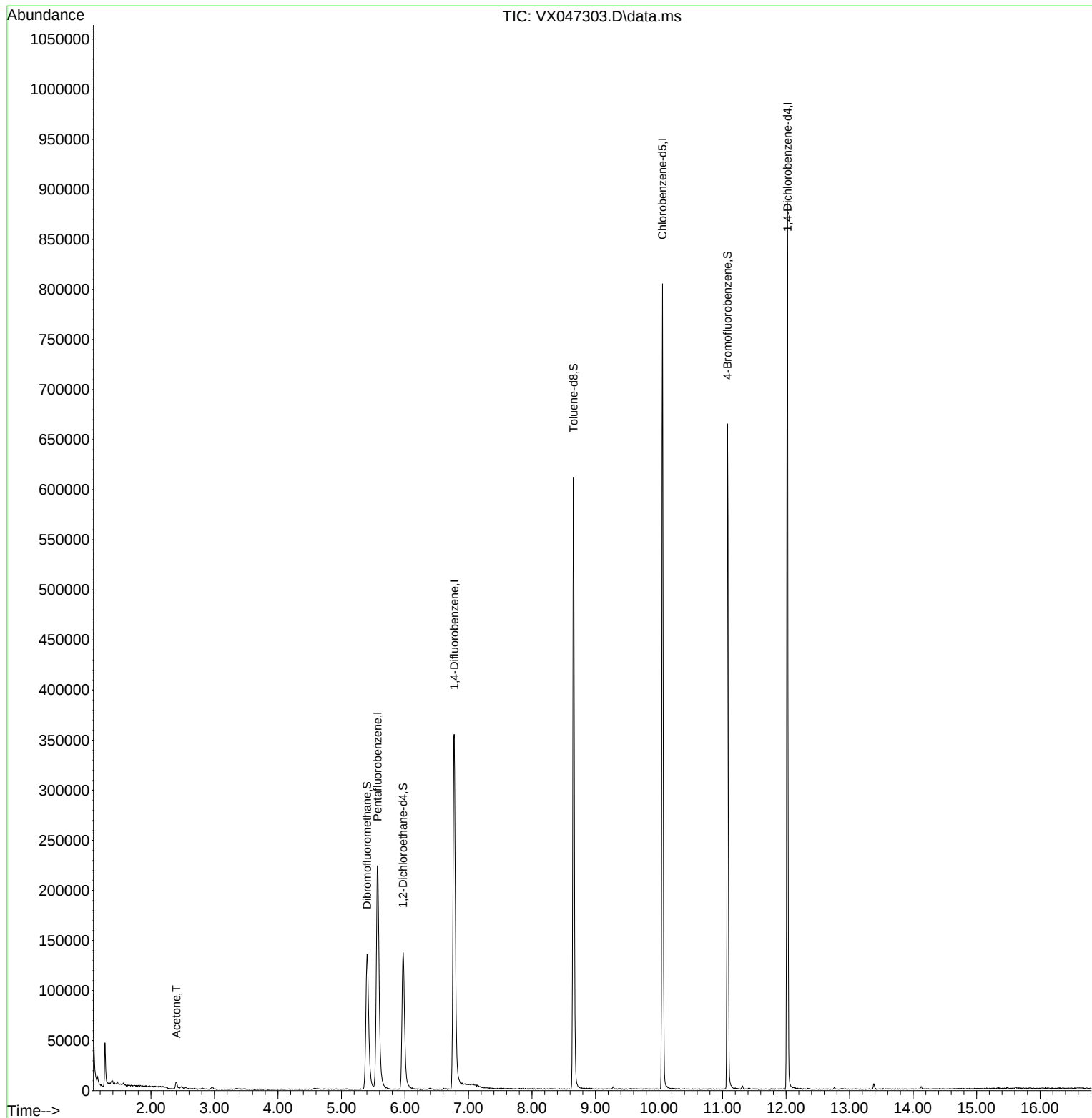
Internal Standards						
1) Pentafluorobenzene	5.568	168	226893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	392505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	148316	52.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.960%	
35) Dibromofluoromethane	5.403	113	131559	54.286	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.580%	
50) Toluene-d8	8.653	98	362915	46.241	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.480%	
62) 4-Bromofluorobenzene	11.079	95	176382	52.150	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.300%	
Target Compounds						
16) Acetone	2.398	43	11208	9.899	ug/l	Qvalue 95

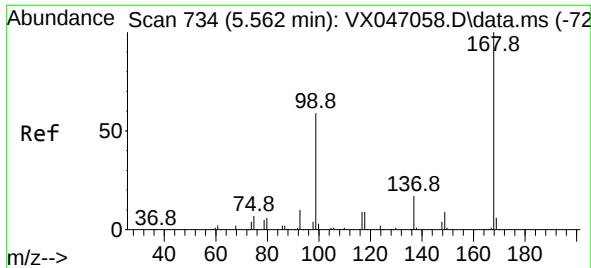
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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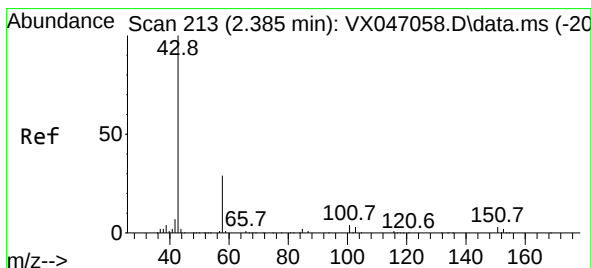
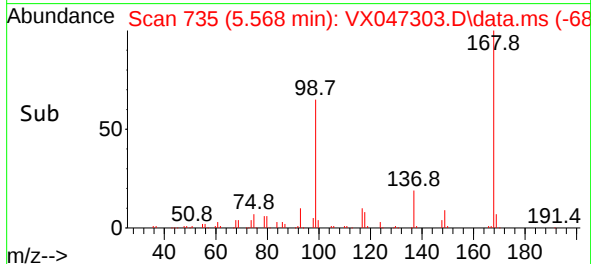
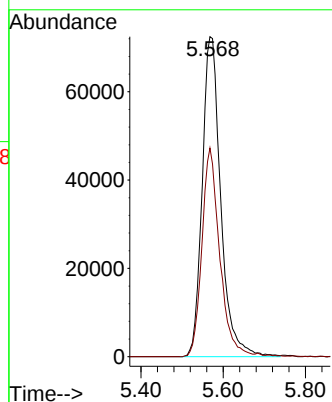
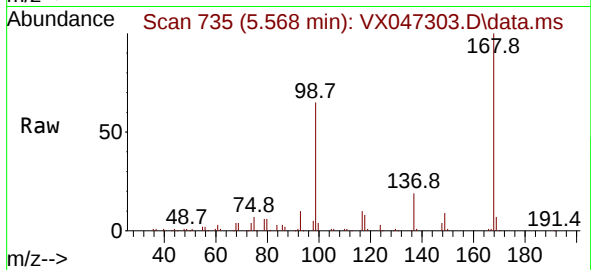




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047303.D
Acq: 12 Aug 2025 17:28

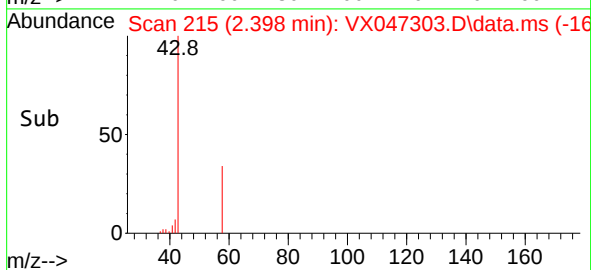
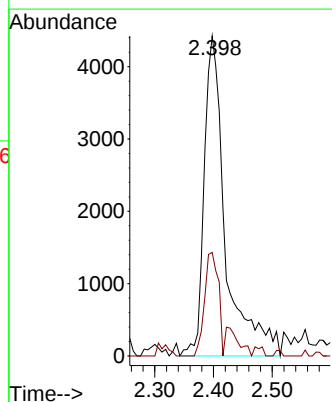
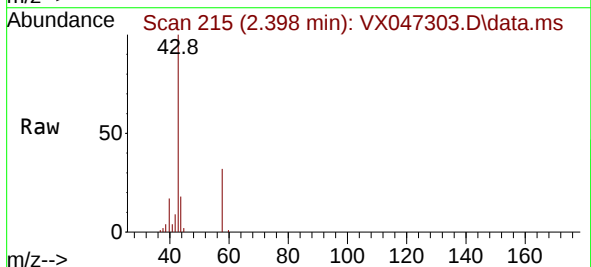
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-N

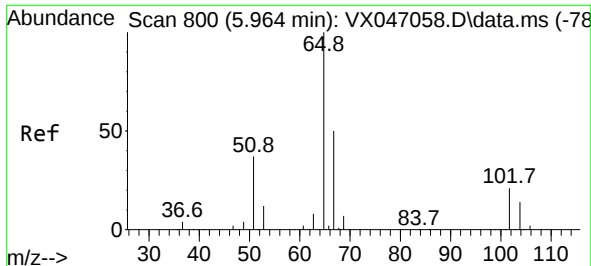
Tgt Ion:168 Resp: 226893
Ion Ratio Lower Upper
168 100
99 65.2 48.0 72.0



#16
Acetone
Concen: 9.899 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX047303.D
Acq: 12 Aug 2025 17:28

Tgt Ion: 43 Resp: 11208
Ion Ratio Lower Upper
43 100
58 27.4 24.0 36.0

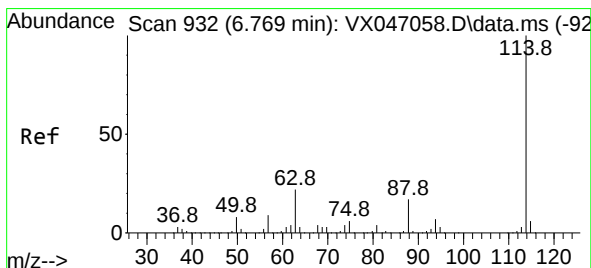
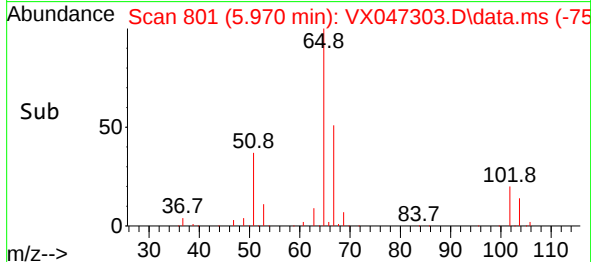
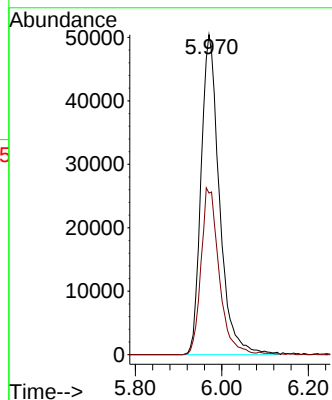
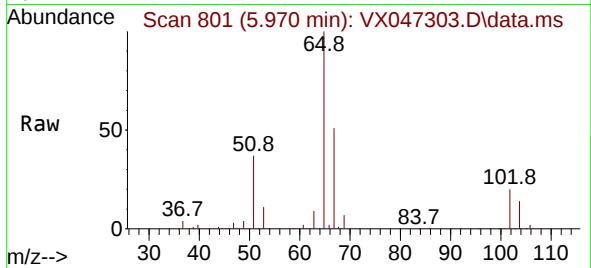




#33
 1,2-Dichloroethane-d4
 Concen: 52.476 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047303.D
 Acq: 12 Aug 2025 17:28

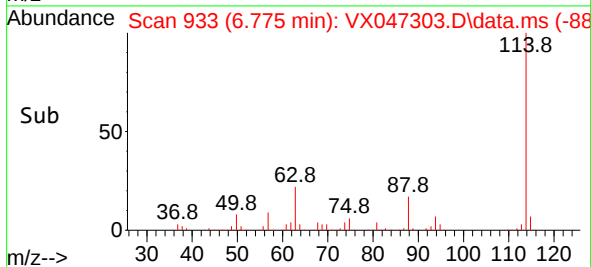
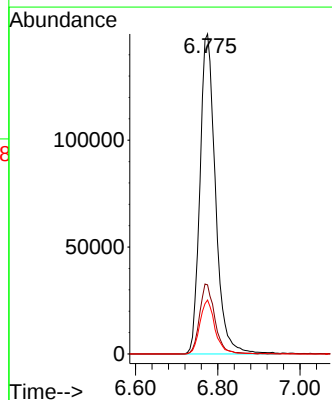
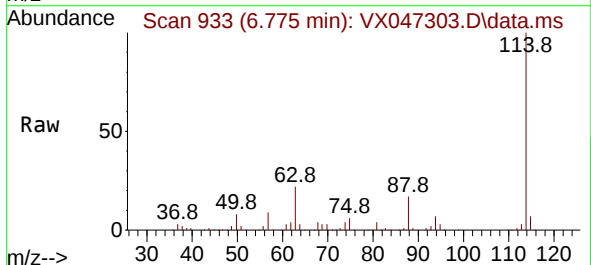
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-BP-N

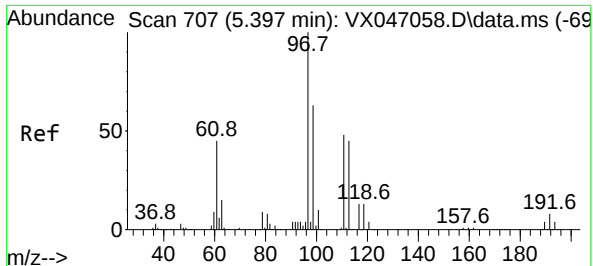
Tgt Ion: 65 Resp: 148316
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.006 min
 Lab File: VX047303.D
 Acq: 12 Aug 2025 17:28

Tgt Ion: 114 Resp: 392505
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.8 0.0 33.8

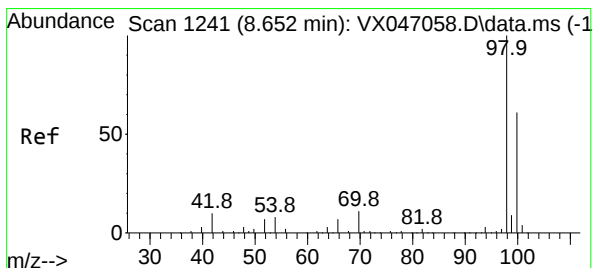
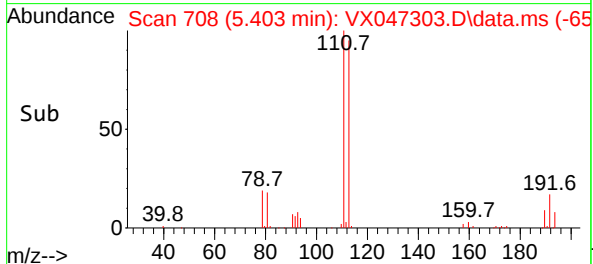
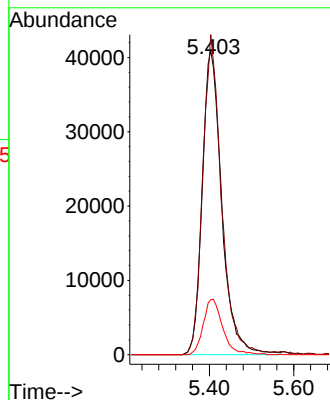
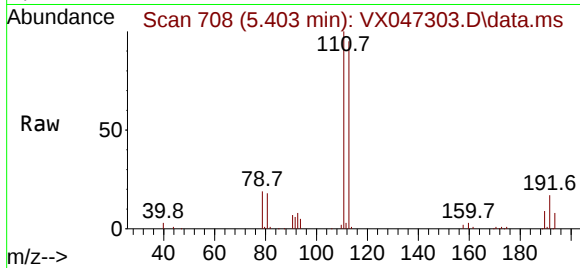




#35
Dibromofluoromethane
Concen: 54.286 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047303.D
Acq: 12 Aug 2025 17:28

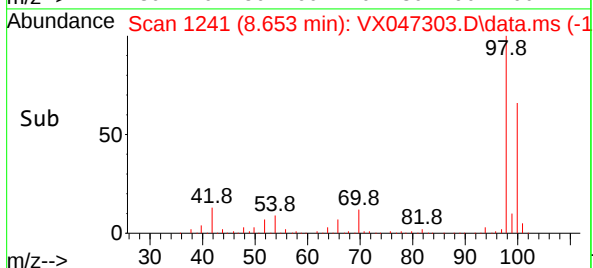
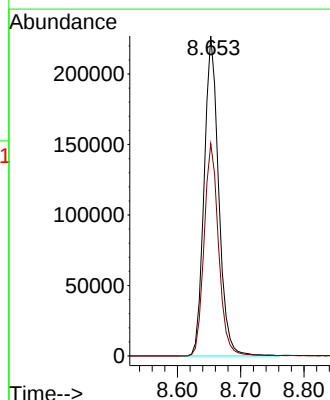
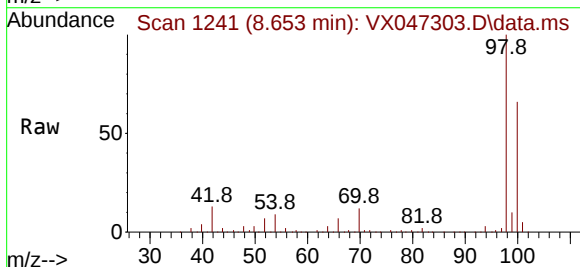
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-N

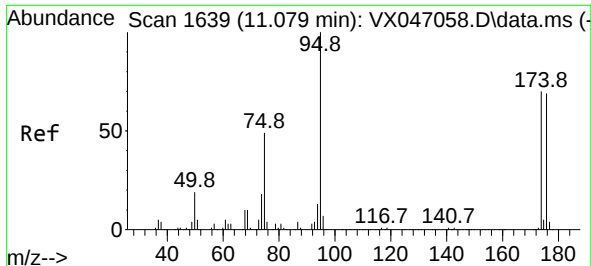
Tgt Ion:113 Resp: 131559
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 18.1 14.9 22.3



#50
Toluene-d8
Concen: 46.241 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047303.D
Acq: 12 Aug 2025 17:28

Tgt Ion: 98 Resp: 362915
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9

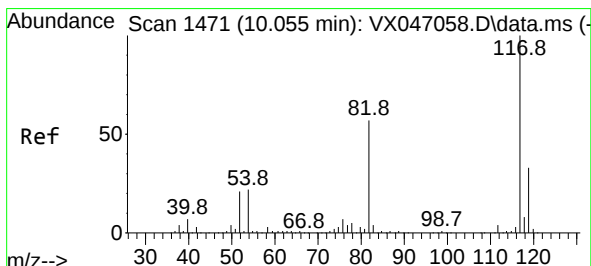
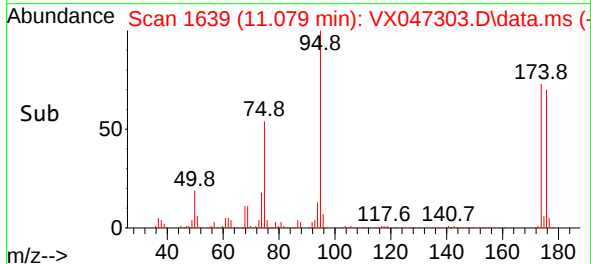
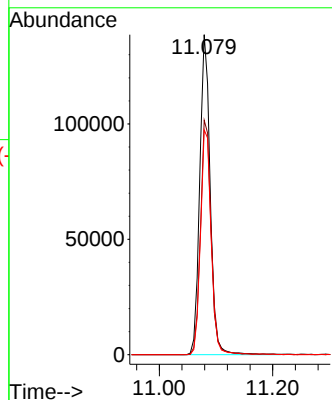
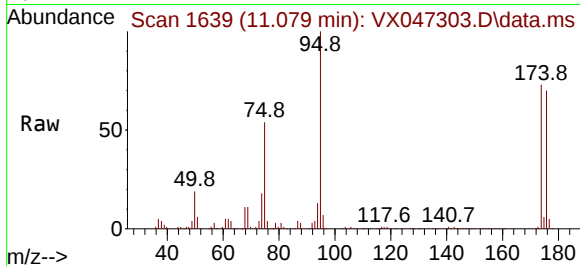




#62
4-Bromofluorobenzene
Concen: 52.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047303.D
Acq: 12 Aug 2025 17:28

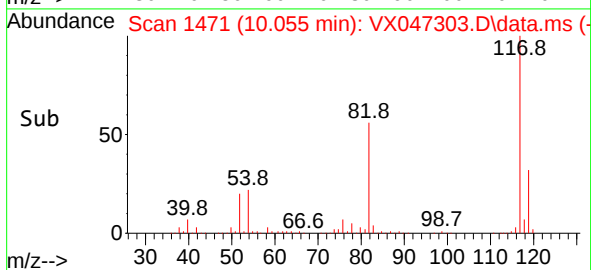
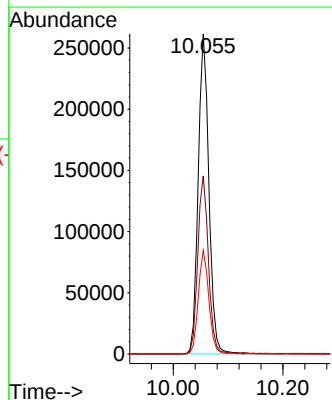
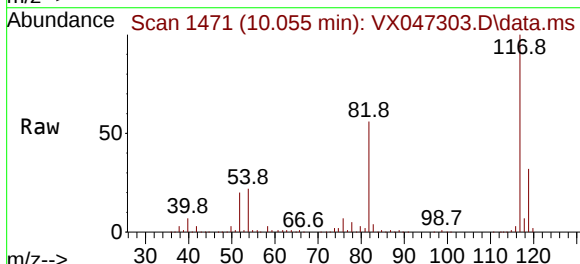
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-N

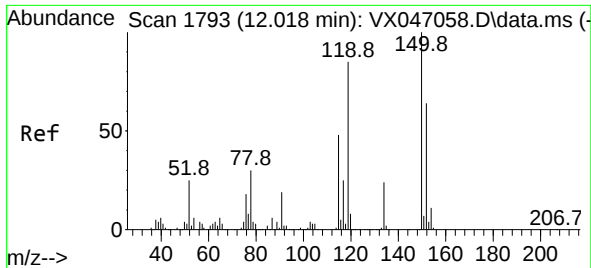
Tgt Ion: 95 Resp: 176382
Ion Ratio Lower Upper
95 100
174 75.7 0.0 144.6
176 71.8 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047303.D
Acq: 12 Aug 2025 17:28

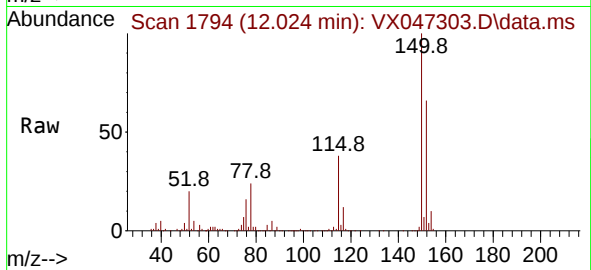
Tgt Ion: 117 Resp: 356804
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 32.4 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX047303.D
 Acq: 12 Aug 2025 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 179716
 Ion Ratio Lower Upper
 152 100
 115 61.9 45.6 136.7
 150 156.1 0.0 354.6

