

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047302.D
 Acq On : 12 Aug 2025 17:06
 Operator : JC/MD
 Sample : Q2814-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-BP-S

Quant Time: Aug 13 01:24:29 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)

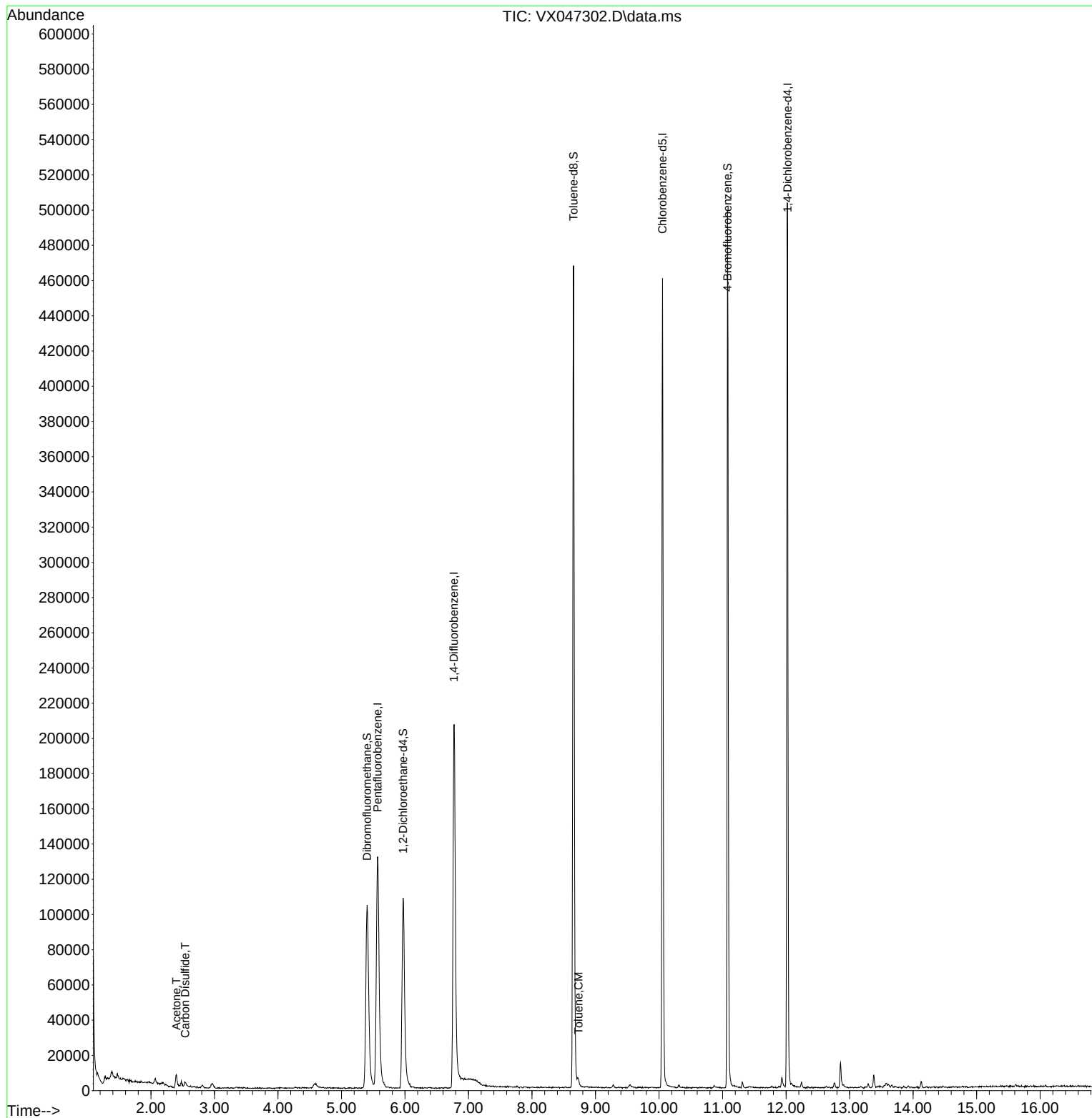
Internal Standards						
1) Pentafluorobenzene	5.568	168	130839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	231793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	116537	71.502	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 143.000%#	
35) Dibromofluoromethane	5.403	113	101969	71.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 142.500%#	
50) Toluene-d8	8.653	98	282384	60.927	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 121.860%#	
62) 4-Bromofluorobenzene	11.079	95	134819	67.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 135.000%#	
Target Compounds						
						Qvalue
16) Acetone	2.398	43	10777	16.506	ug/l	98
17) Carbon Disulfide	2.538	76	3453	0.726	ug/l	96
52) Toluene	8.732	92	1431	0.330	ug/l #	74

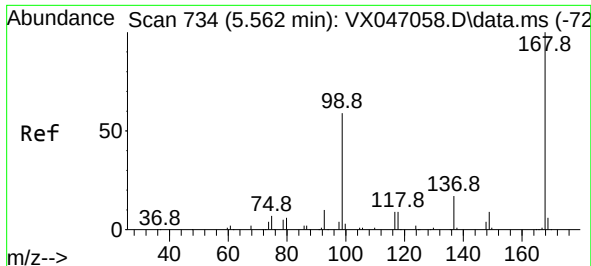
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 13 01:24:29 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

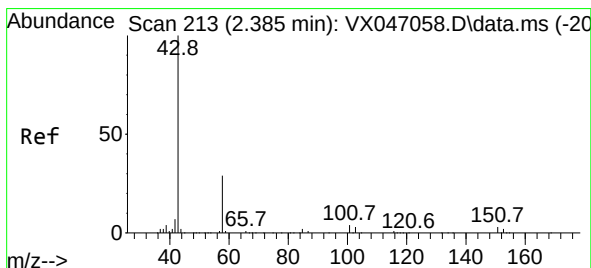
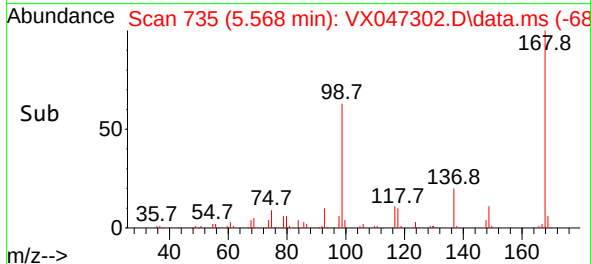
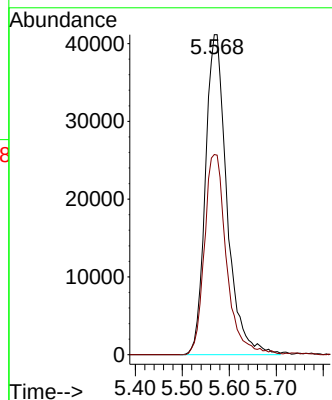
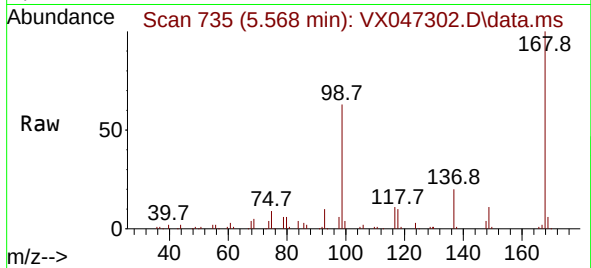




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047302.D
Acq: 12 Aug 2025 17:06

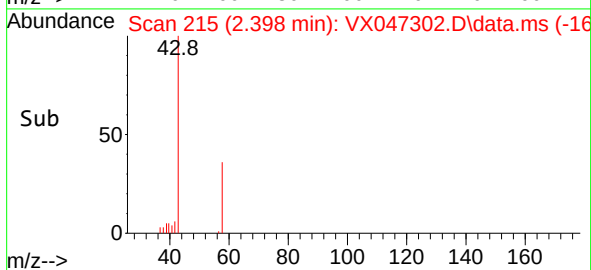
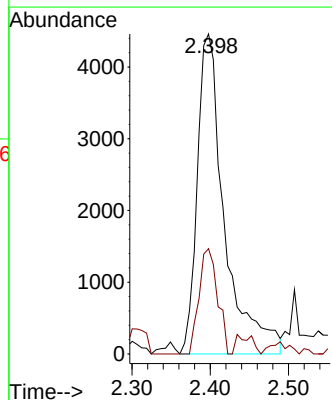
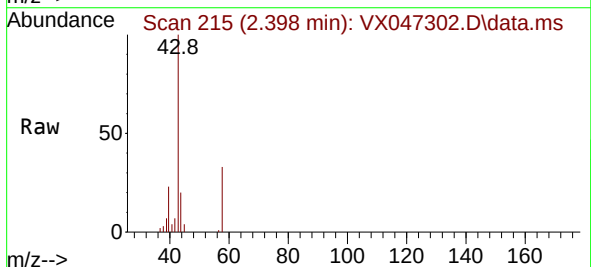
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-S

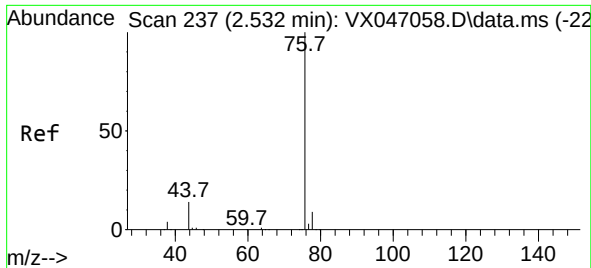
Tgt Ion:168 Resp: 130839
Ion Ratio Lower Upper
168 100
99 62.6 48.0 72.0



#16
Acetone
Concen: 16.506 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX047302.D
Acq: 12 Aug 2025 17:06

Tgt Ion: 43 Resp: 10777
Ion Ratio Lower Upper
43 100
58 28.7 24.0 36.0

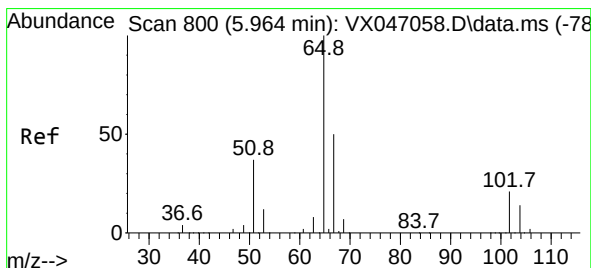
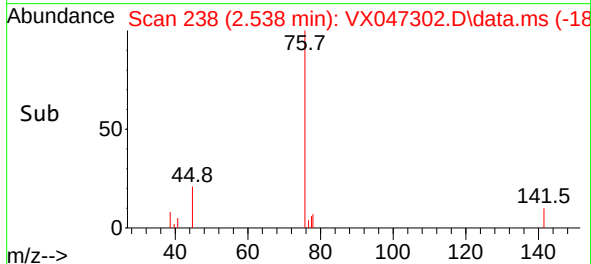
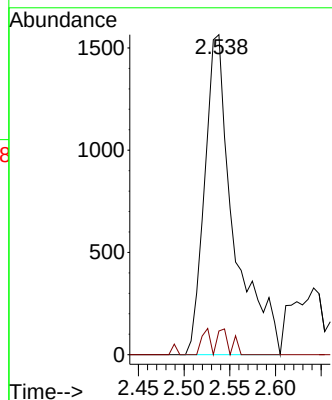
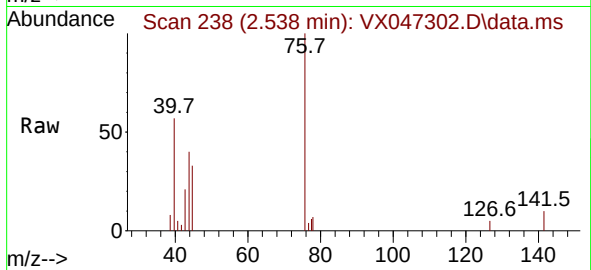




#17
Carbon Disulfide
Concen: 0.726 ug/l
RT: 2.538 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047302.D
Acq: 12 Aug 2025 17:06

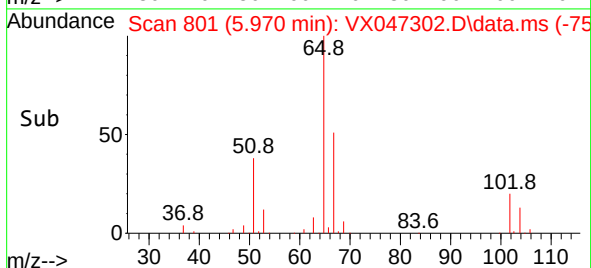
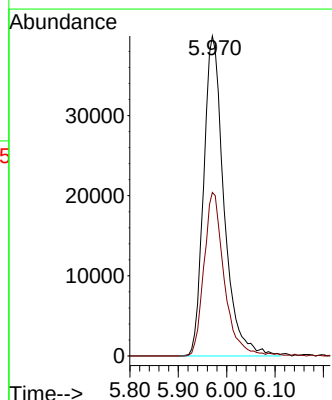
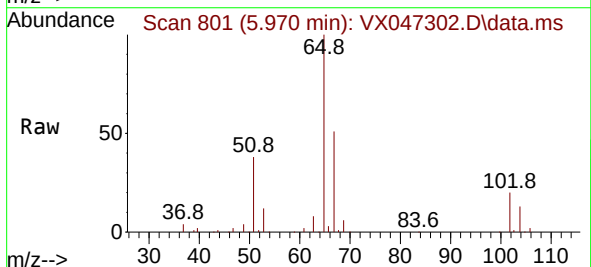
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-S

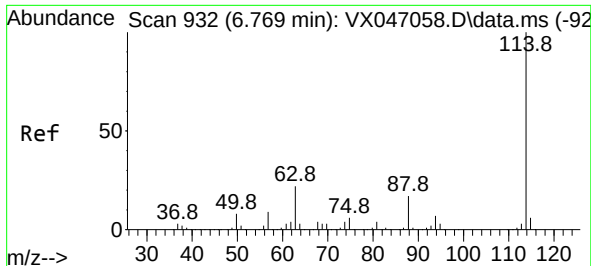
Tgt Ion: 76 Resp: 3453
Ion Ratio Lower Upper
76 100
78 7.4 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 71.502 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047302.D
Acq: 12 Aug 2025 17:06

Tgt Ion: 65 Resp: 116537
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.8

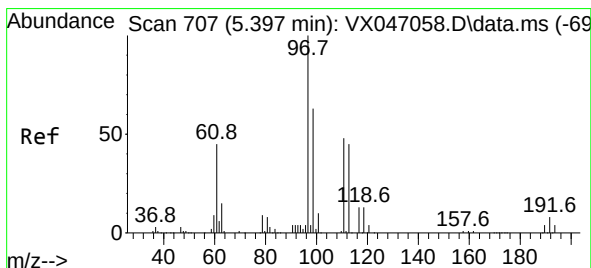
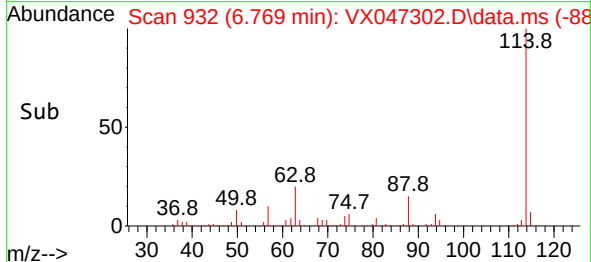
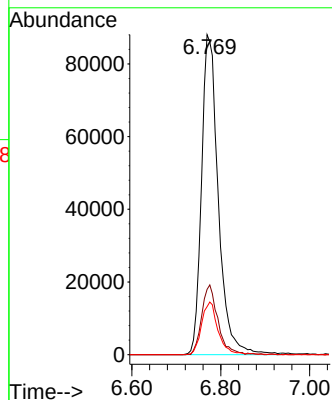
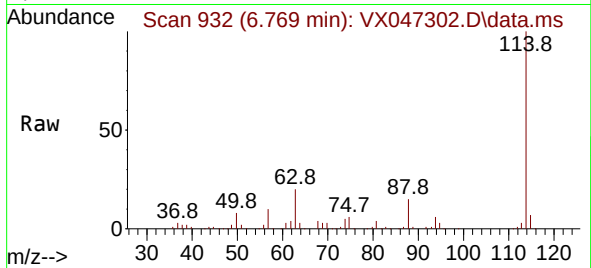




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047302.D
Acq: 12 Aug 2025 17:06

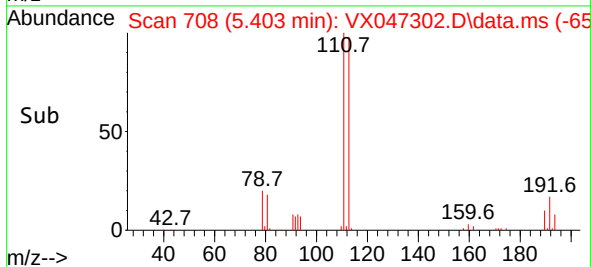
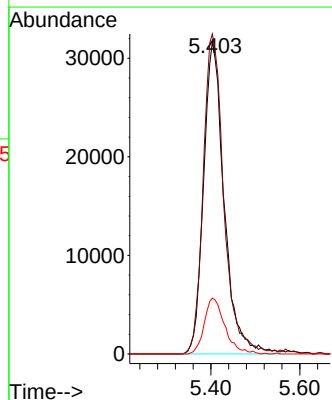
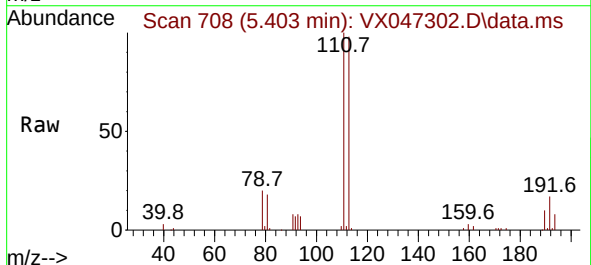
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-S

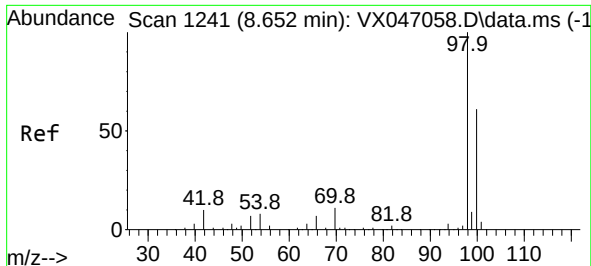
Tgt Ion:114 Resp: 231793
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 15.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 71.249 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047302.D
Acq: 12 Aug 2025 17:06

Tgt Ion:113 Resp: 101969
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 17.9 14.9 22.3

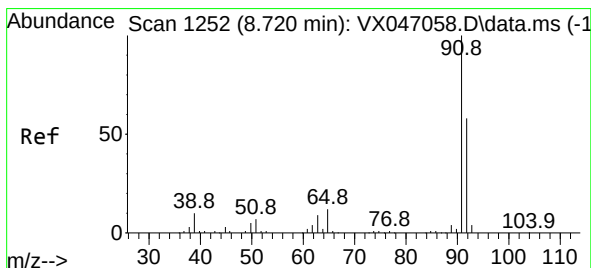
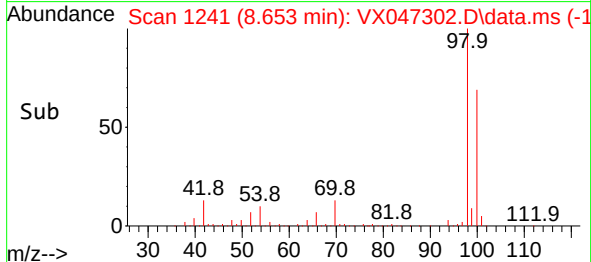
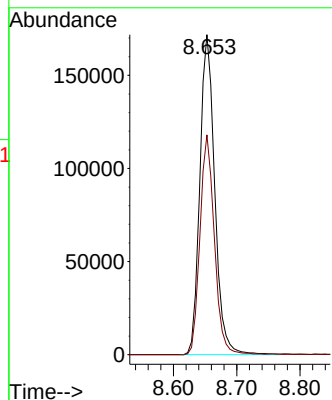
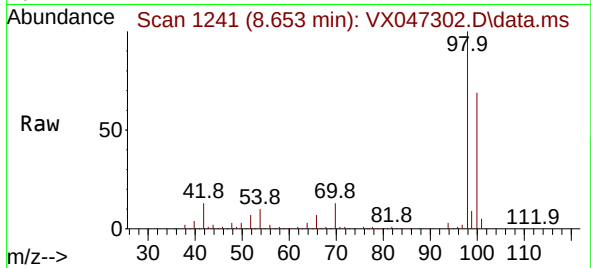




#50
Toluene-d8
Concen: 60.927 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047302.D
Acq: 12 Aug 2025 17:06

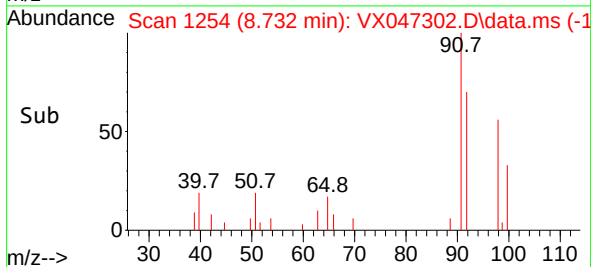
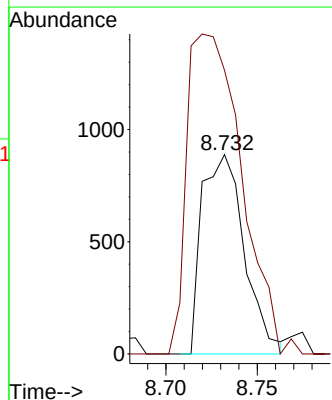
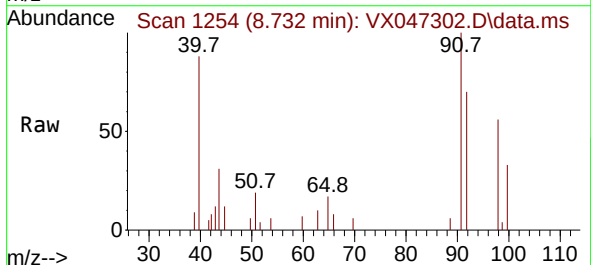
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-S

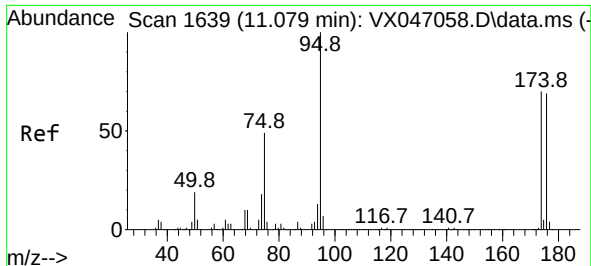
Tgt Ion: 98 Resp: 282384
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



#52
Toluene
Concen: 0.330 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. 0.012 min
Lab File: VX047302.D
Acq: 12 Aug 2025 17:06

Tgt Ion: 92 Resp: 1431
Ion Ratio Lower Upper
92 100
91 207.8 137.9 206.9#

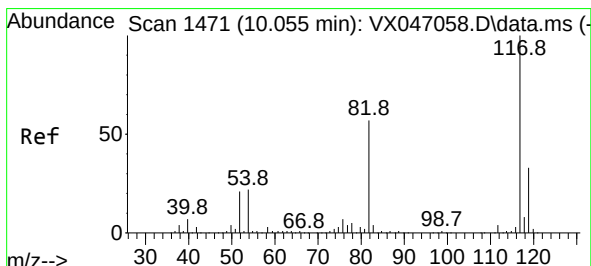
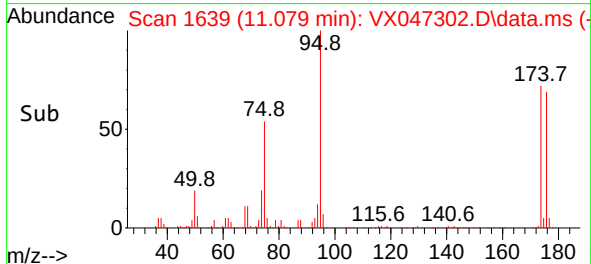
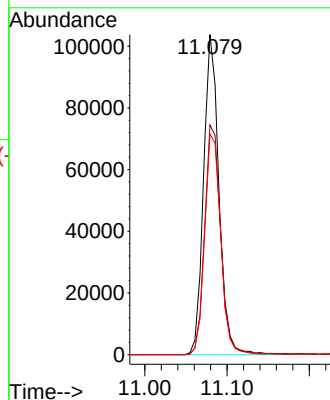
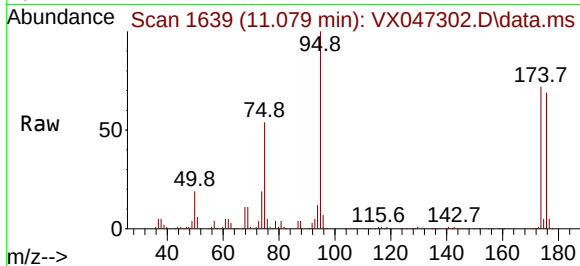




#62
4-Bromofluorobenzene
Concen: 67.499 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047302.D
Acq: 12 Aug 2025 17:06

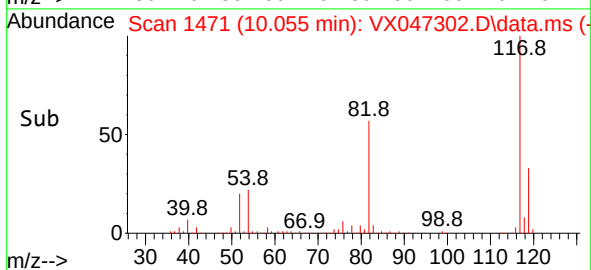
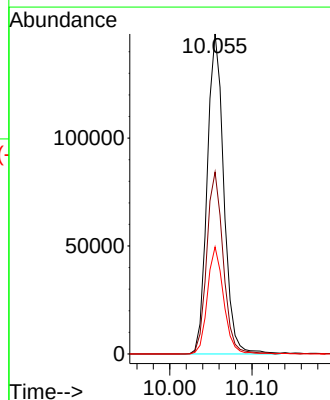
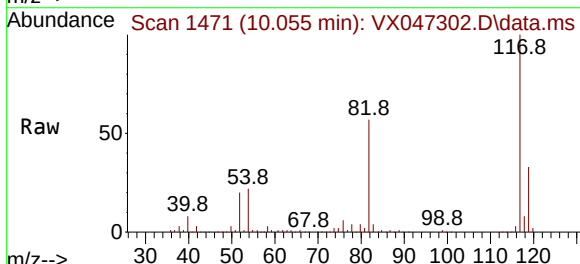
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-S

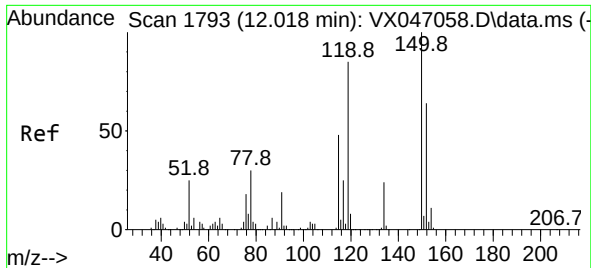
Tgt Ion: 95 Resp: 134819
Ion Ratio Lower Upper
95 100
174 74.6 0.0 144.6
176 72.2 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047302.D
Acq: 12 Aug 2025 17:06

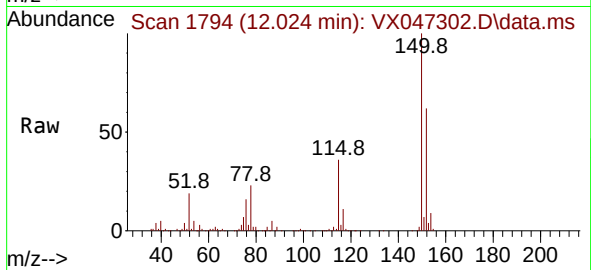
Tgt Ion: 117 Resp: 208120
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 33.4 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX047302.D
 Acq: 12 Aug 2025 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-BP-S



Tgt Ion:152 Resp: 106606
 Ion Ratio Lower Upper
 152 100
 115 61.0 45.6 136.7
 150 156.7 0.0 354.6

