

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047113.D
 Acq On : 24 Jul 2025 12:45
 Operator : JC/MD
 Sample : Q2682-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOWER-2

Quant Time: Jul 25 01:22:05 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)

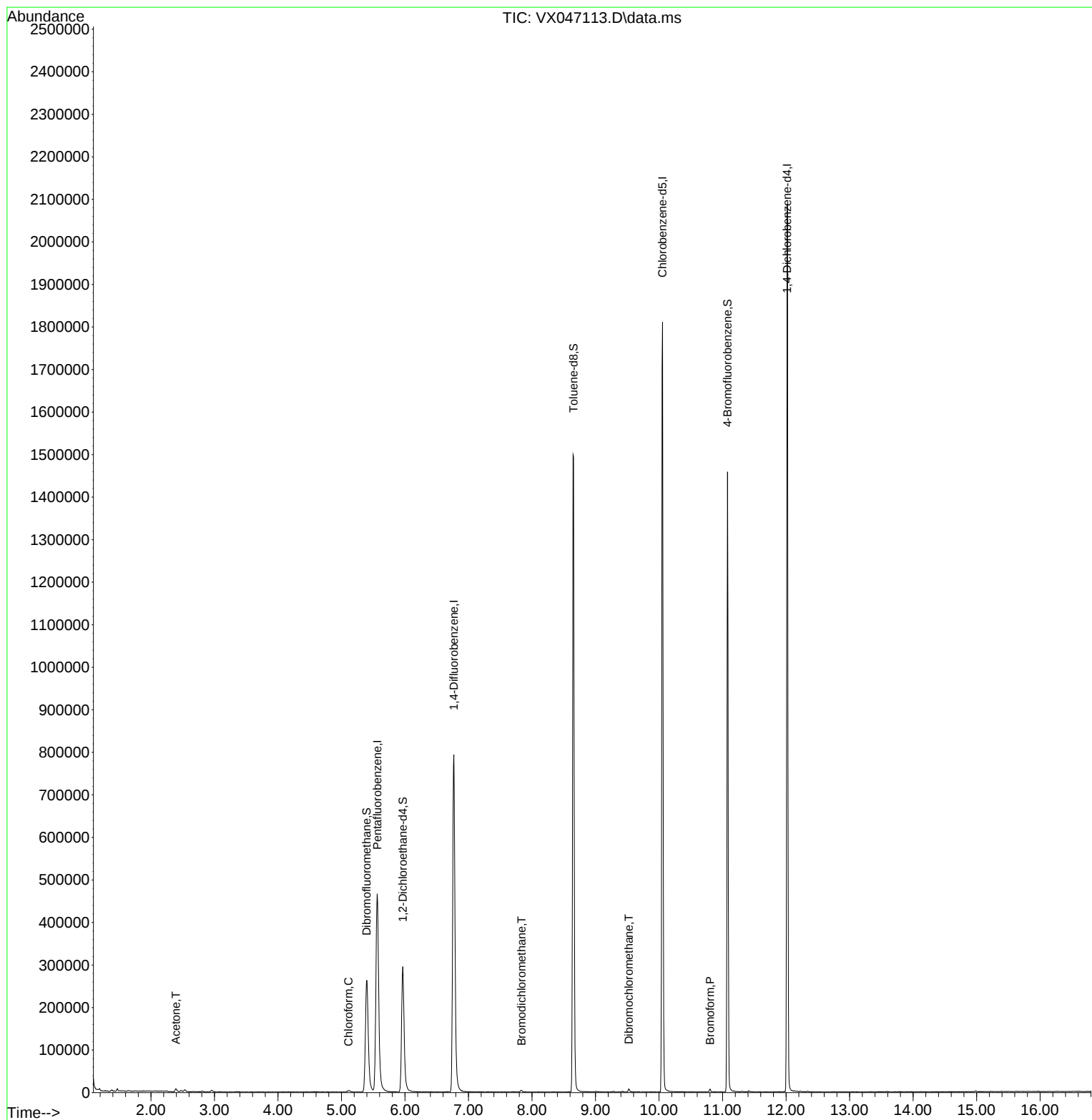
Internal Standards						
1) Pentafluorobenzene	5.562	168	461003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	847282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	804780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	404154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	309670	53.925	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.840%	
35) Dibromofluoromethane	5.397	113	251712	48.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.240%	
50) Toluene-d8	8.653	98	908430	53.621	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.240%	
62) 4-Bromofluorobenzene	11.079	95	378842	51.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.780%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	11498	4.998	ug/l #	75
30) Chloroform	5.111	83	4654	0.408	ug/l	100
47) Bromodichloromethane	7.836	83	3261	0.338	ug/l	94
60) Dibromochloromethane	9.525	129	3309	0.474	ug/l	89
71) Bromoform	10.805	173	2790	0.579	ug/l #	95

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

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Quant Time: Jul 25 01:22:05 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

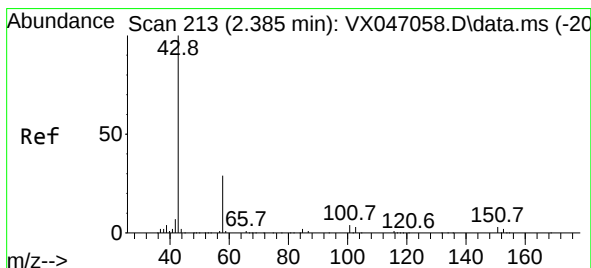
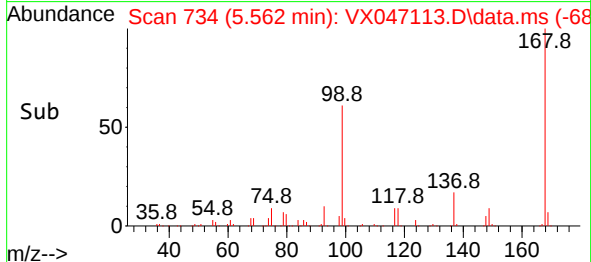
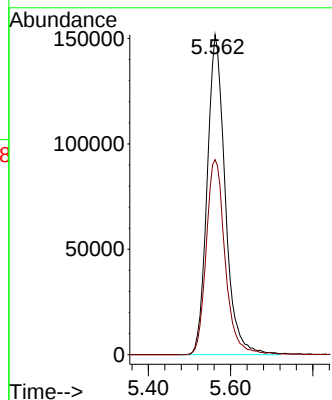
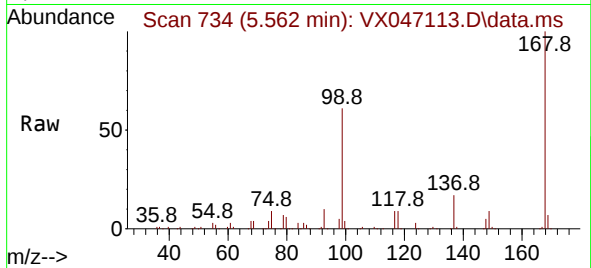




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047113.D
Acq: 24 Jul 2025 12:45

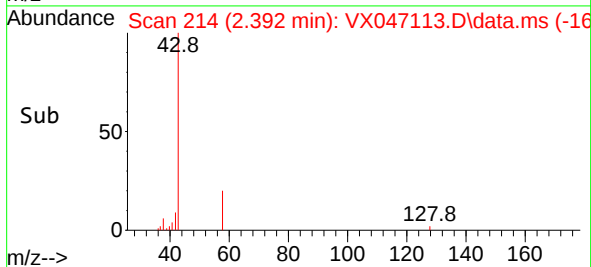
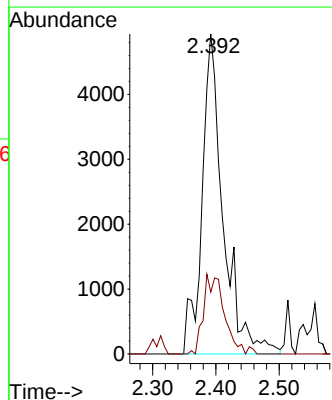
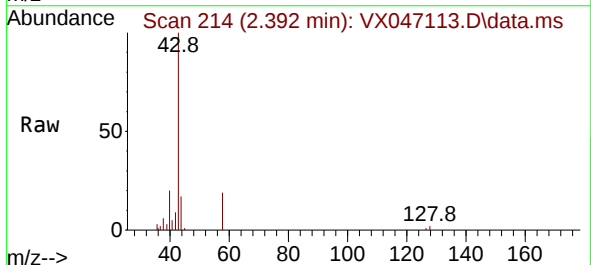
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

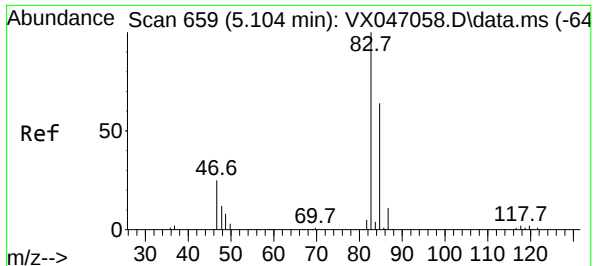
Tgt Ion:168 Resp: 461003
Ion Ratio Lower Upper
168 100
99 60.9 48.0 72.0



#16
Acetone
Concen: 4.998 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047113.D
Acq: 24 Jul 2025 12:45

Tgt Ion: 43 Resp: 11498
Ion Ratio Lower Upper
43 100
58 16.5 24.0 36.0#

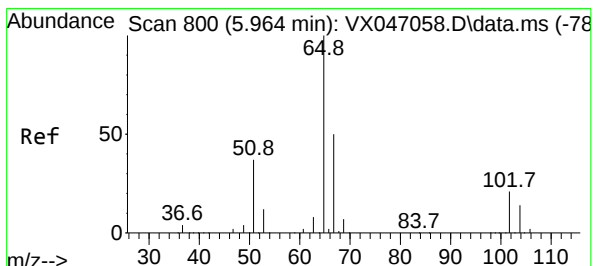
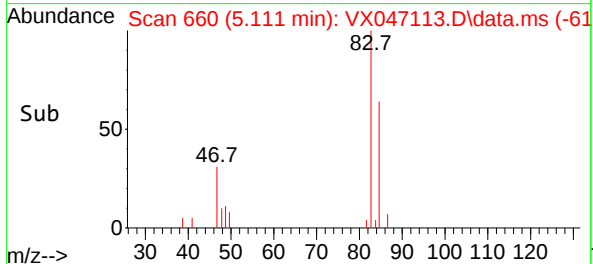
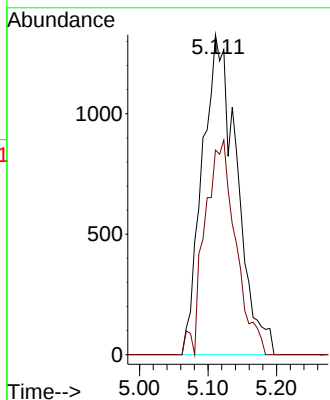
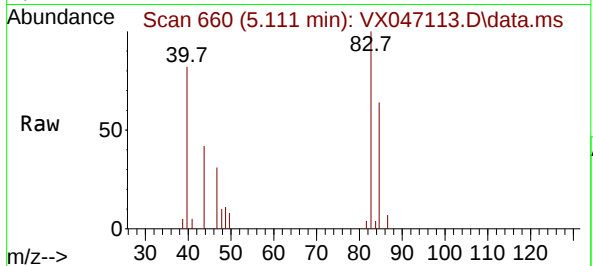




#30
Chloroform
Concen: 0.408 ug/l
RT: 5.111 min Scan# 60
Delta R.T. 0.006 min
Lab File: VX047113.D
Acq: 24 Jul 2025 12:45

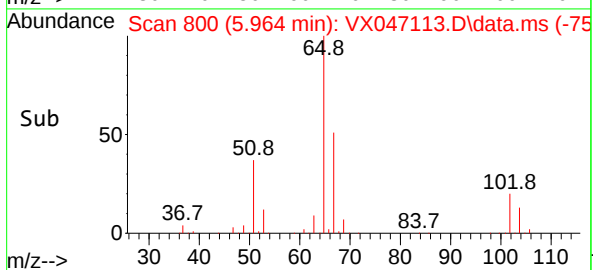
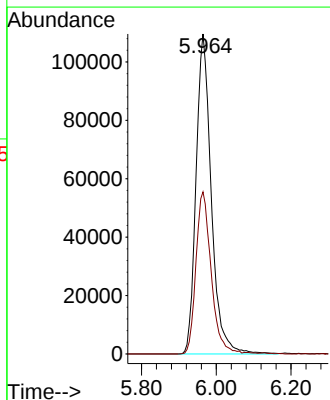
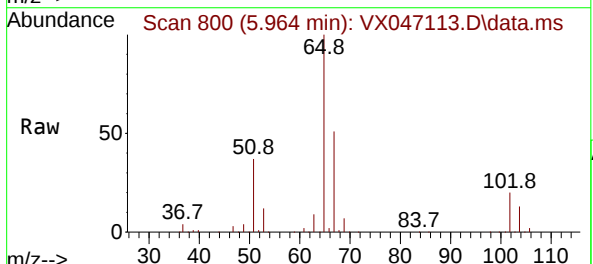
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

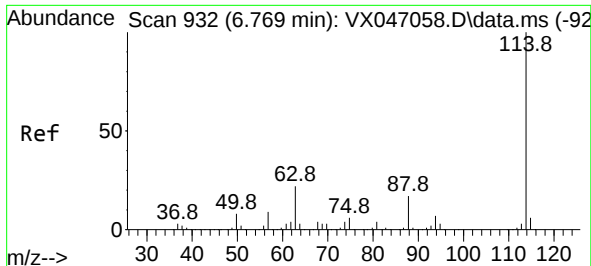
Tgt Ion: 83 Resp: 4654
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 53.925 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047113.D
Acq: 24 Jul 2025 12:45

Tgt Ion: 65 Resp: 309670
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.8

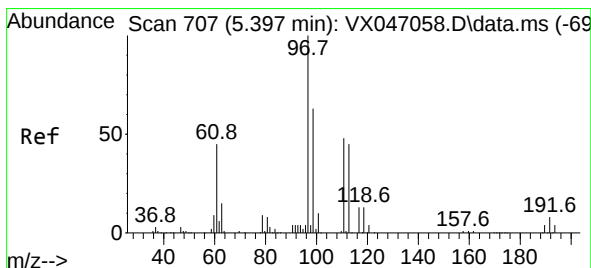
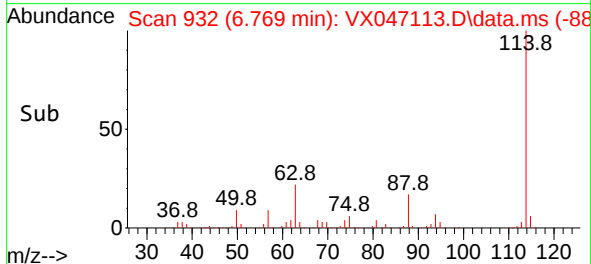
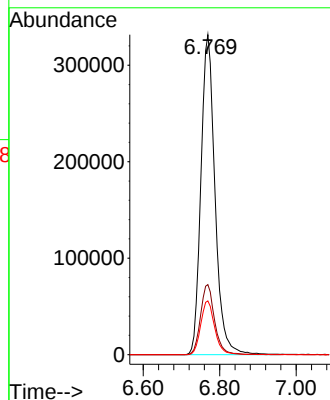
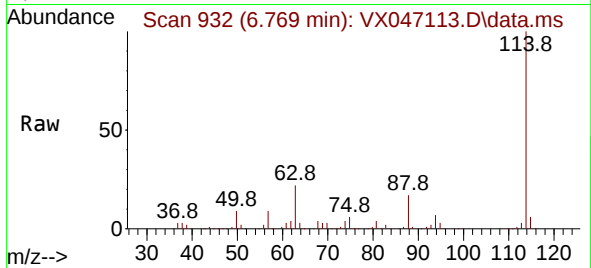




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047113.D
Acq: 24 Jul 2025 12:45

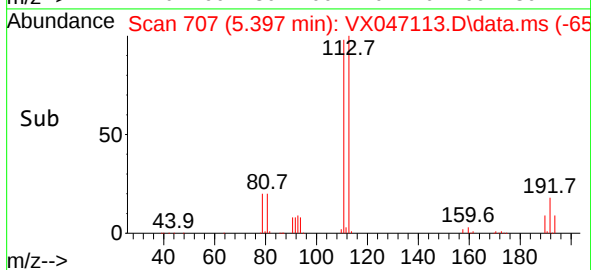
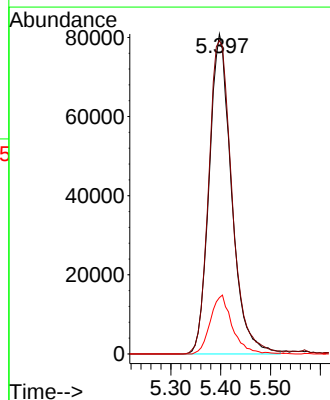
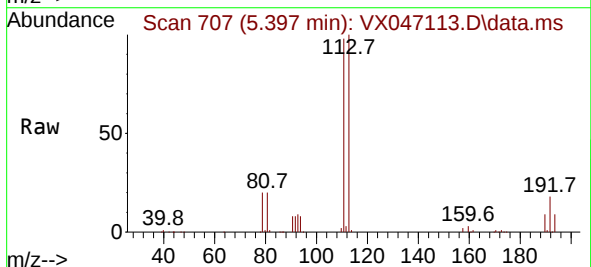
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

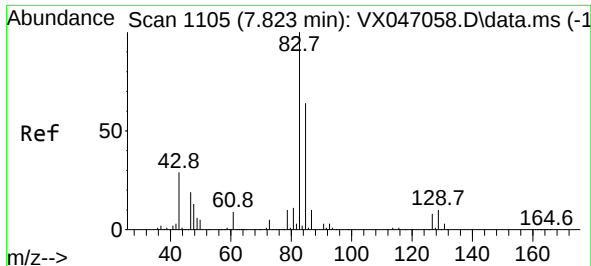
Tgt Ion:114 Resp: 847282
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 16.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.116 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047113.D
Acq: 24 Jul 2025 12:45

Tgt Ion:113 Resp: 251712
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.2 14.9 22.3

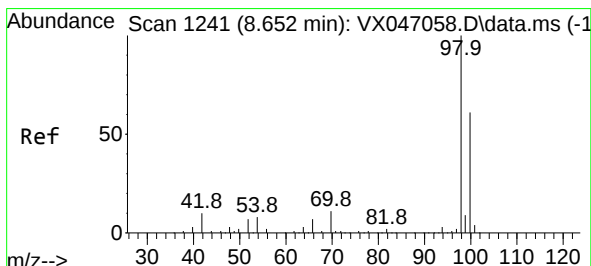
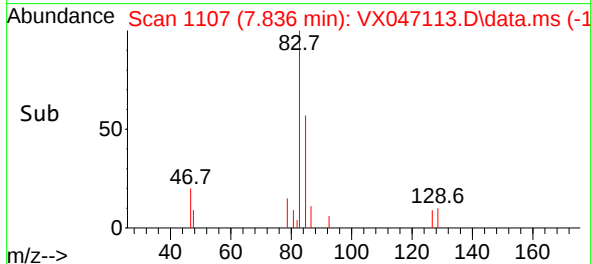
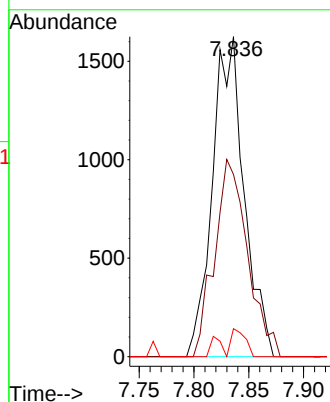
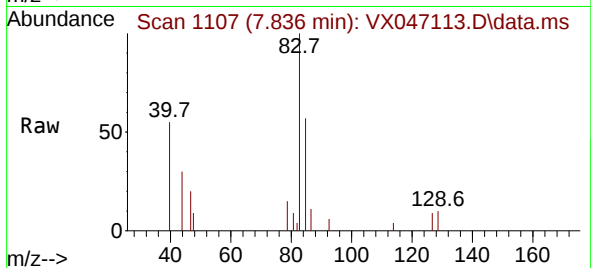




#47
Bromodichloromethane
Concen: 0.338 ug/l
RT: 7.836 min Scan# 1105
Delta R.T. 0.013 min
Lab File: VX047113.D
Acq: 24 Jul 2025 12:45

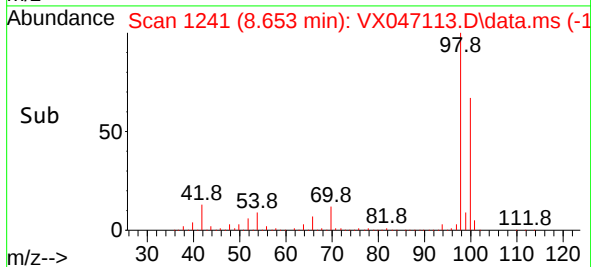
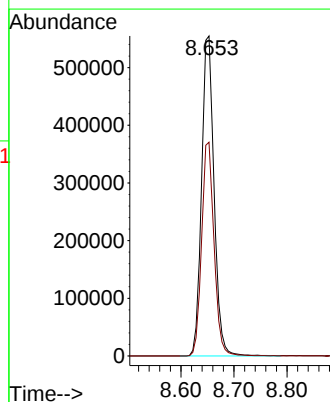
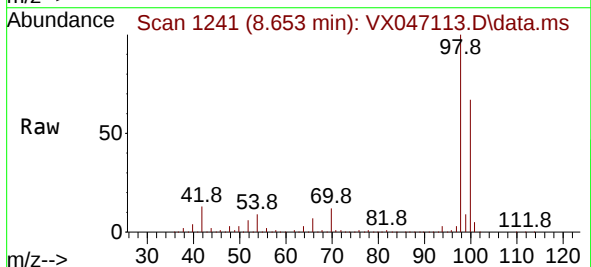
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

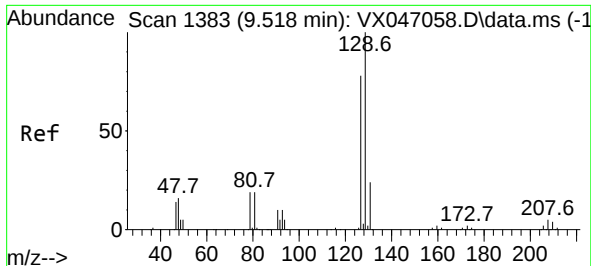
Tgt Ion: 83 Resp: 3261
Ion Ratio Lower Upper
83 100
85 56.9 49.9 74.9
127 8.7 6.6 10.0



#50
Toluene-d8
Concen: 53.621 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047113.D
Acq: 24 Jul 2025 12:45

Tgt Ion: 98 Resp: 908430
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9

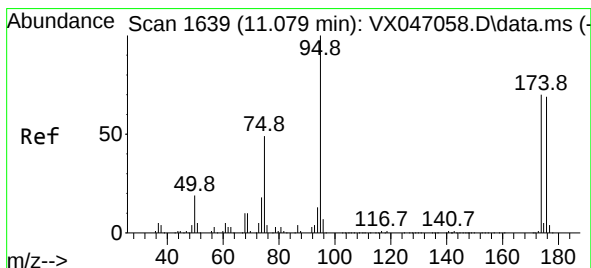
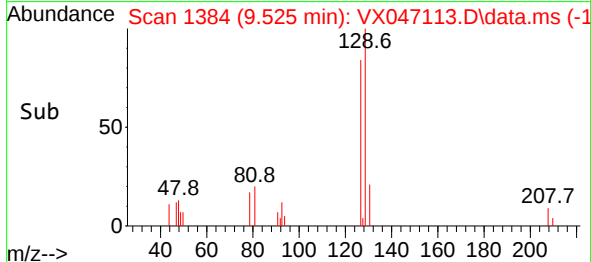
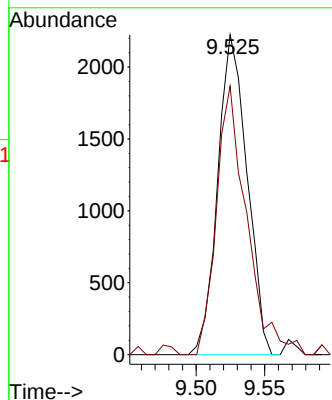
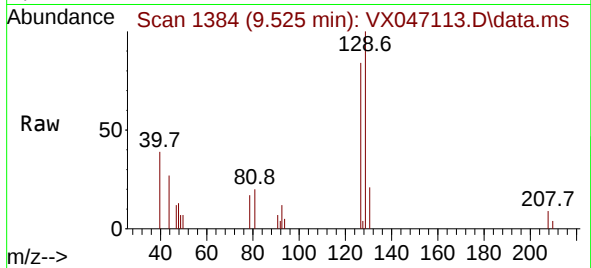




#60
Dibromochloromethane
Concen: 0.474 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047113.D
Acq: 24 Jul 2025 12:45

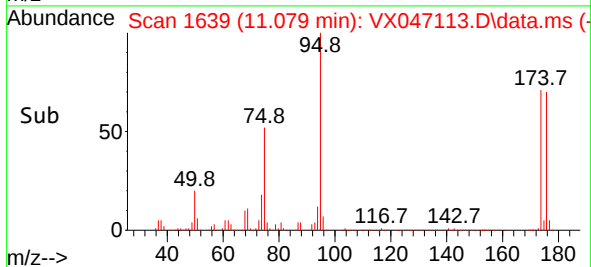
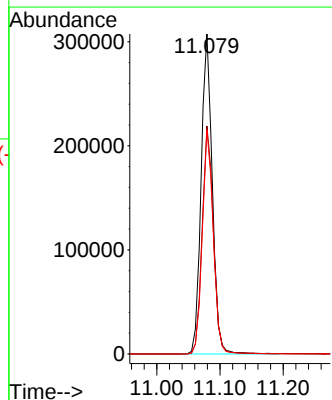
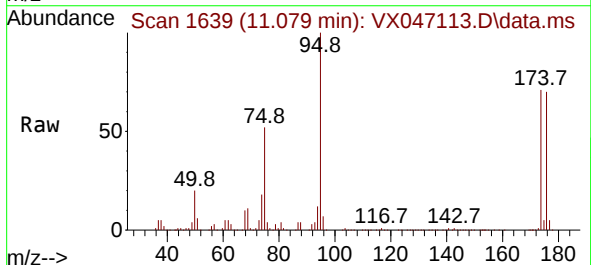
Instrument :
MSVOA_X
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TOWER-2

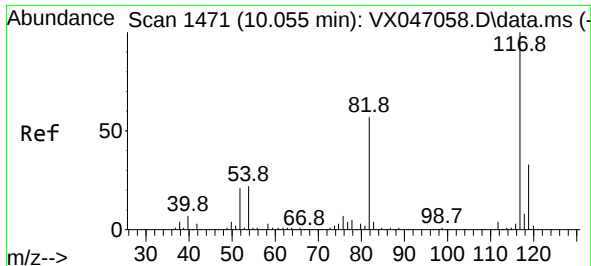
Tgt Ion:129 Resp: 3309
Ion Ratio Lower Upper
129 100
127 86.6 38.6 115.8



#62
4-Bromofluorobenzene
Concen: 51.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047113.D
Acq: 24 Jul 2025 12:45

Tgt Ion: 95 Resp: 378842
Ion Ratio Lower Upper
95 100
174 71.5 0.0 144.6
176 68.9 0.0 139.6

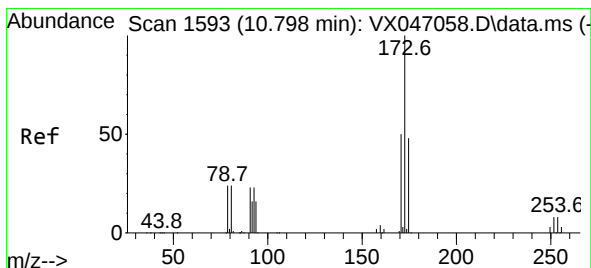
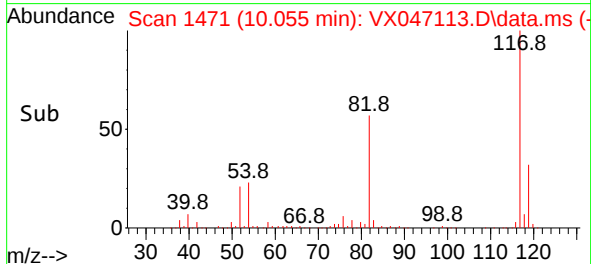
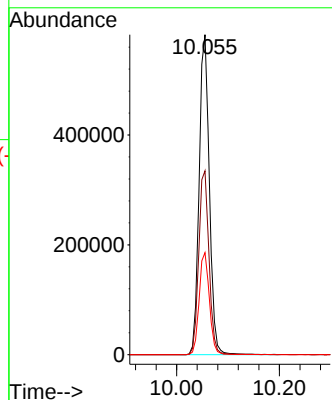
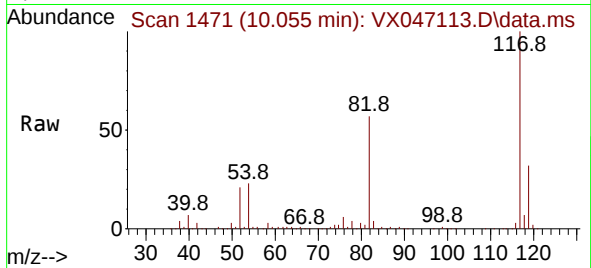




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047113.D
Acq: 24 Jul 2025 12:45

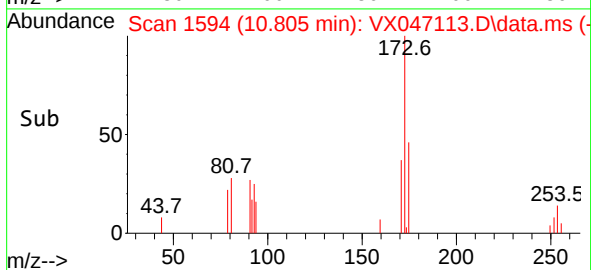
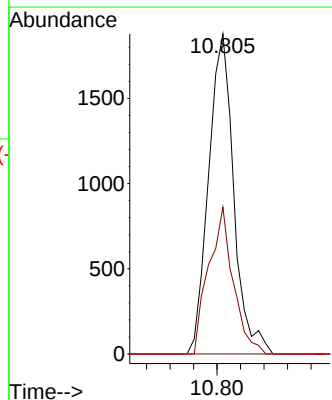
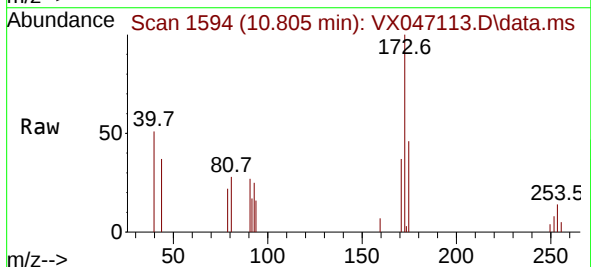
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

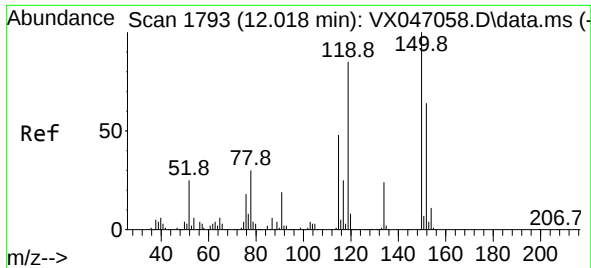
Tgt Ion:117 Resp: 804780
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.2
119 31.9 26.1 39.1



#71
Bromoform
Concen: 0.579 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX047113.D
Acq: 24 Jul 2025 12:45

Tgt Ion:173 Resp: 2790
Ion Ratio Lower Upper
173 100
175 44.8 24.2 72.6
254 0.0 0.1 0.1#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047113.D
 Acq: 24 Jul 2025 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 TOWER-2

Tgt Ion:152 Resp: 404154
 Ion Ratio Lower Upper
 152 100
 115 62.9 45.6 136.7
 150 155.1 0.0 354.6

