

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047111.D
 Acq On : 24 Jul 2025 12:03
 Operator : JC/MD
 Sample : Q2682-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOWER-2

Quant Time: Jul 25 01:21:21 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)

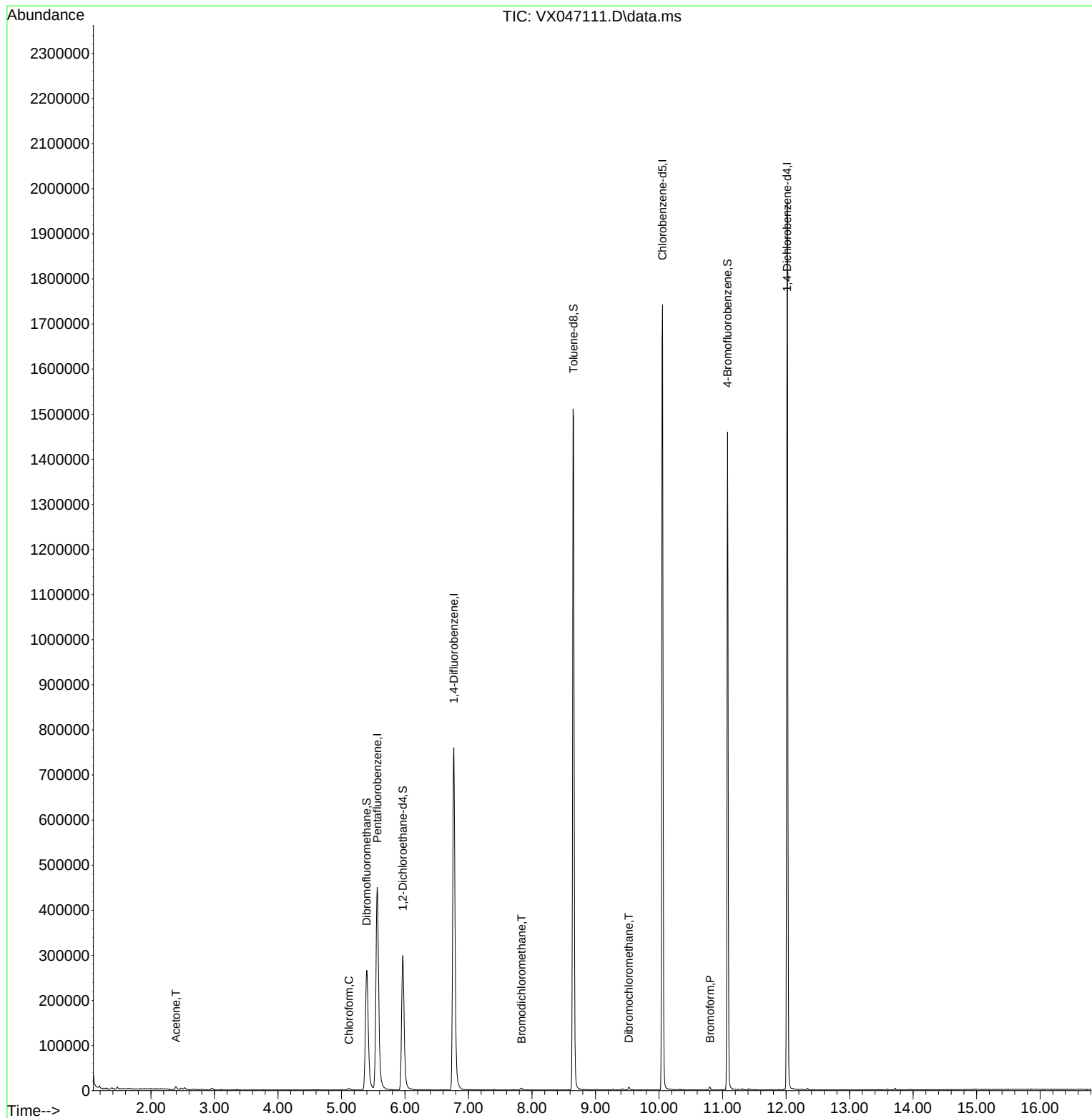
Internal Standards						
1) Pentafluorobenzene	5.562	168	438898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	812279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	775011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	390837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	311905	57.049	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.100%
35) Dibromofluoromethane	5.397	113	257221	51.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.580%
50) Toluene-d8	8.653	98	922306	56.786	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	113.580%#
62) 4-Bromofluorobenzene	11.079	95	385676	55.102	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.200%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	9911	4.525	ug/l	93
30) Chloroform	5.117	83	3726	0.343	ug/l	95
47) Bromodichloromethane	7.836	83	3253	0.352	ug/l #	88
60) Dibromochloromethane	9.525	129	3453	0.516	ug/l	97
71) Bromoform	10.805	173	2564	0.552	ug/l #	99

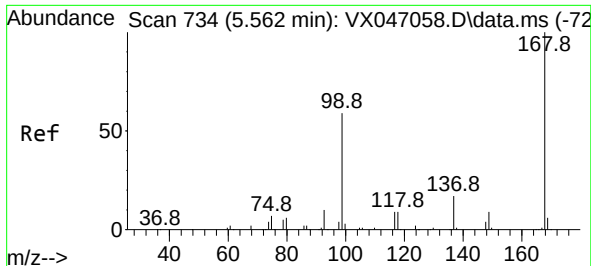
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TOWER-2

Quant Time: Jul 25 01:21:21 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

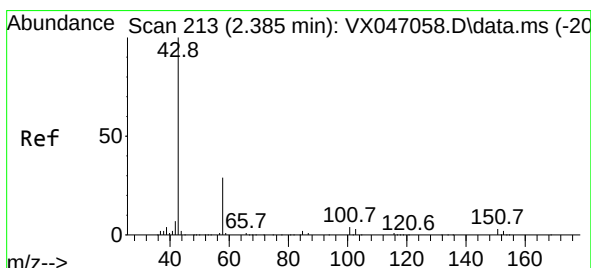
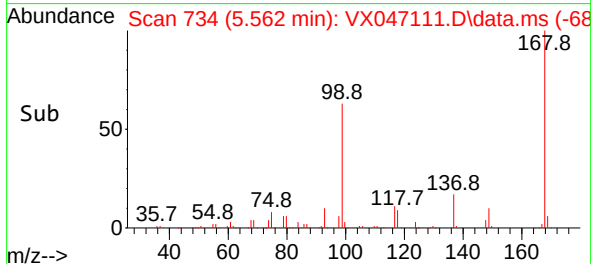
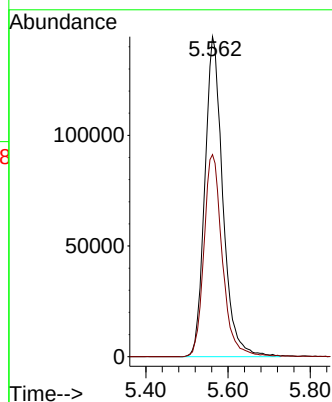
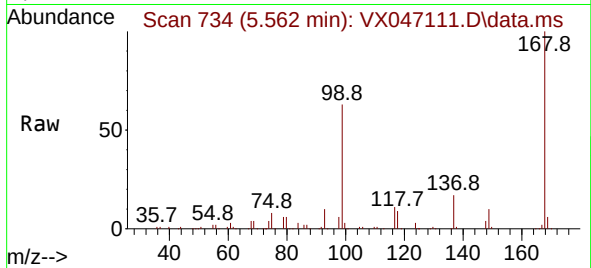




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX047111.D
Acq: 24 Jul 2025 12:03

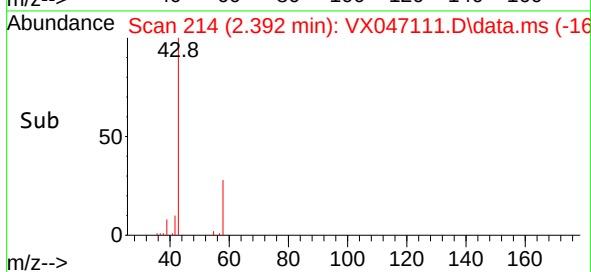
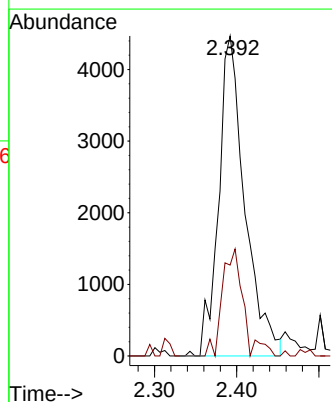
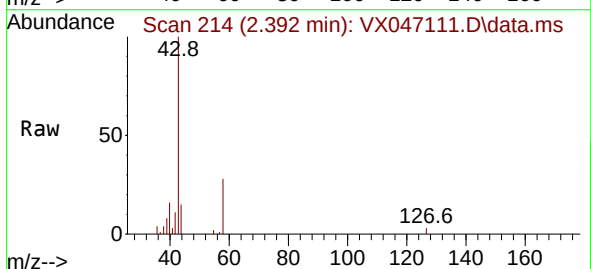
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

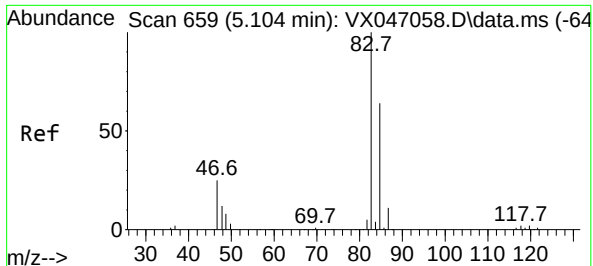
Tgt Ion:168 Resp: 438898
Ion Ratio Lower Upper
168 100
99 63.1 48.0 72.0



#16
Acetone
Concen: 4.525 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047111.D
Acq: 24 Jul 2025 12:03

Tgt Ion: 43 Resp: 9911
Ion Ratio Lower Upper
43 100
58 26.0 24.0 36.0





#30

Chloroform

Concen: 0.343 ug/l

RT: 5.117 min Scan# 61

Delta R.T. 0.013 min

Lab File: VX047111.D

Acq: 24 Jul 2025 12:03

Instrument :

MSVOA_X

ClientSampleId :

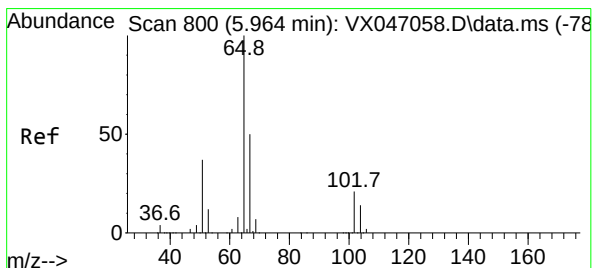
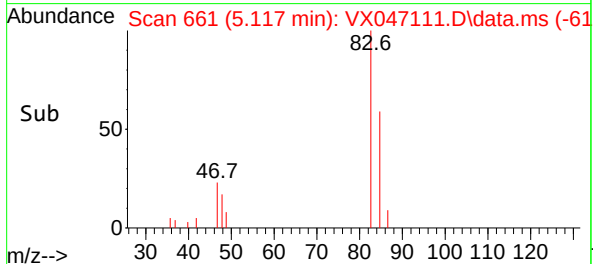
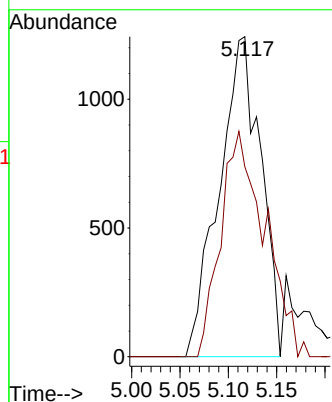
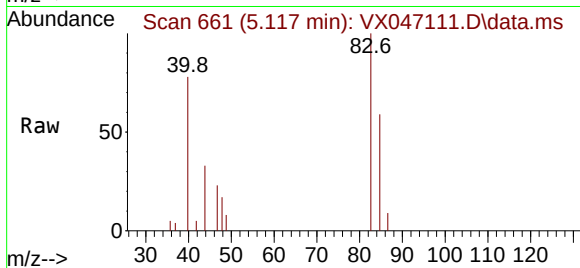
TOWER-2

Tgt Ion: 83 Resp: 3726

Ion Ratio Lower Upper

83 100

85 59.4 50.9 76.3



#33

1,2-Dichloroethane-d4

Concen: 57.049 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047111.D

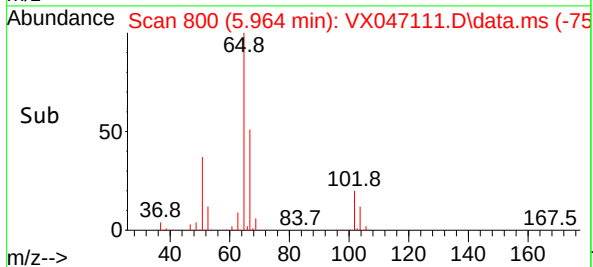
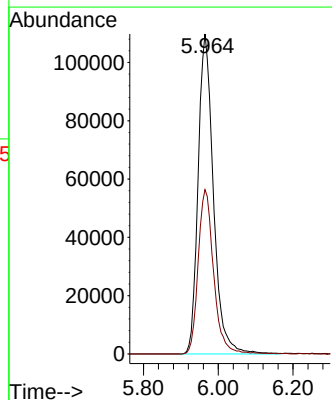
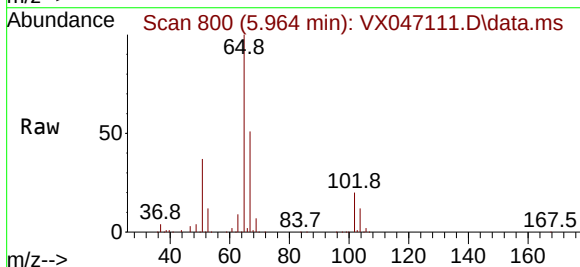
Acq: 24 Jul 2025 12:03

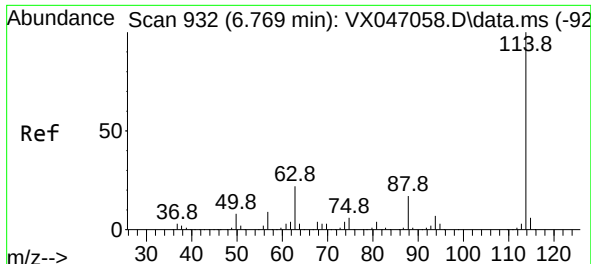
Tgt Ion: 65 Resp: 311905

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8

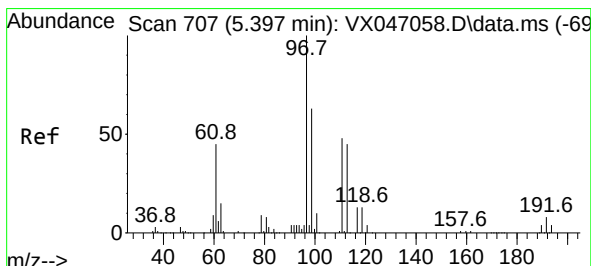
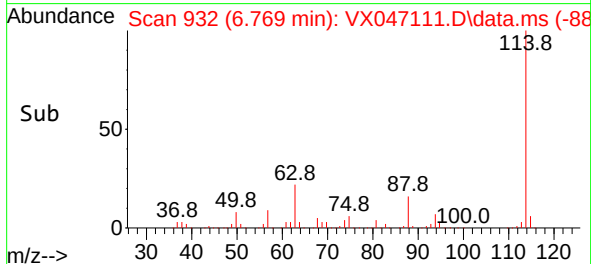
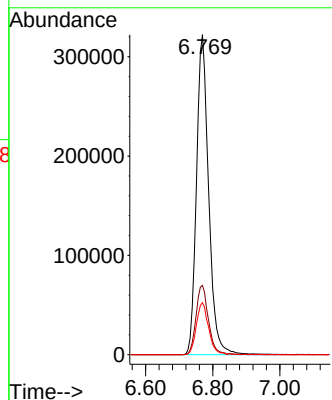
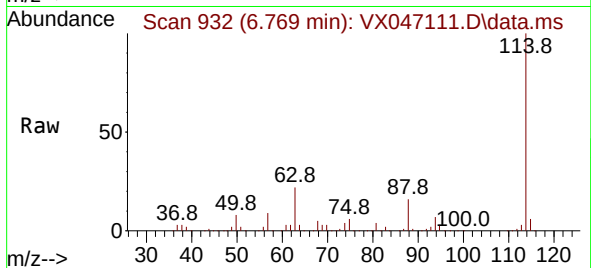




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047111.D
Acq: 24 Jul 2025 12:03

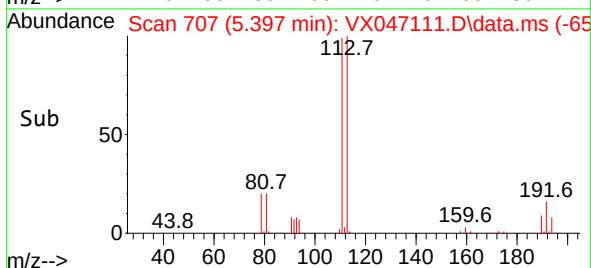
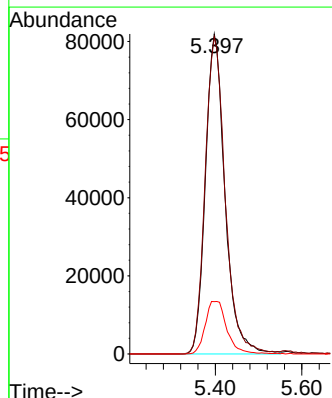
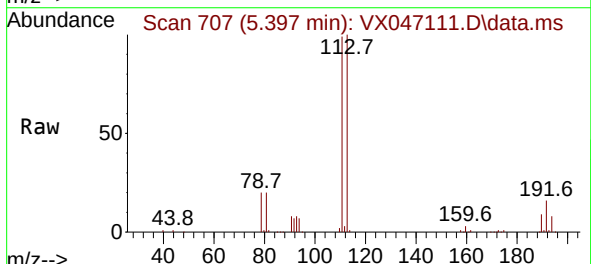
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

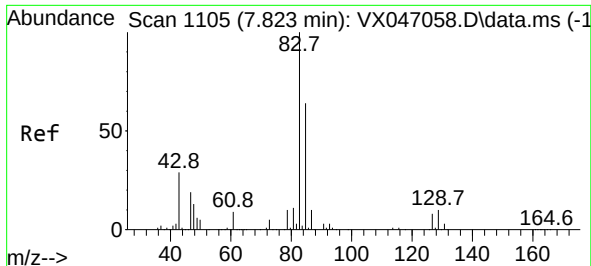
Tgt Ion:114 Resp: 812279
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 16.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.288 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047111.D
Acq: 24 Jul 2025 12:03

Tgt Ion:113 Resp: 257221
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 17.9 14.9 22.3

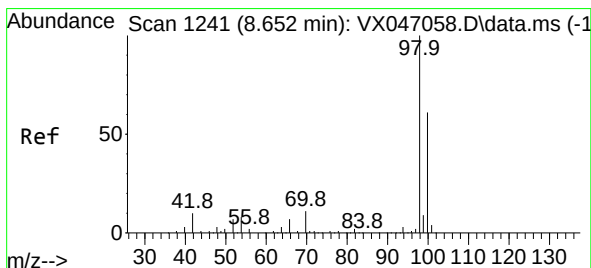
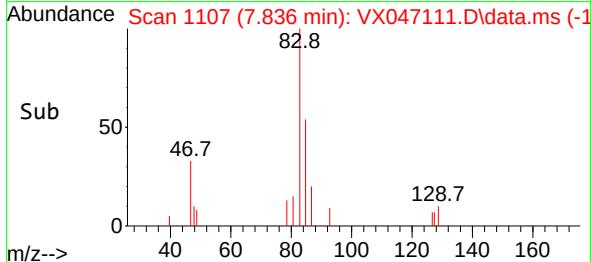
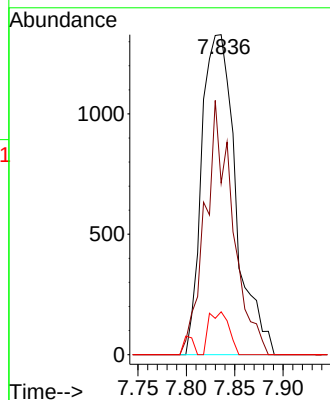
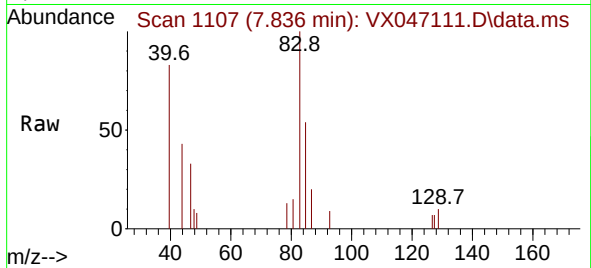




#47
Bromodichloromethane
Concen: 0.352 ug/l
RT: 7.836 min Scan# 1105
Delta R.T. 0.013 min
Lab File: VX047111.D
Acq: 24 Jul 2025 12:03

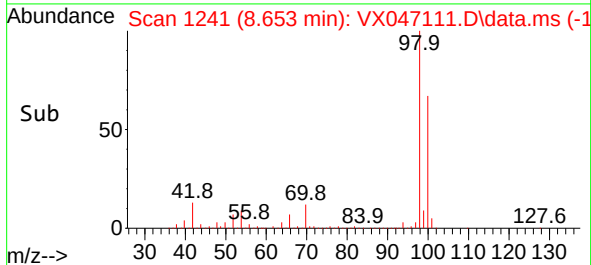
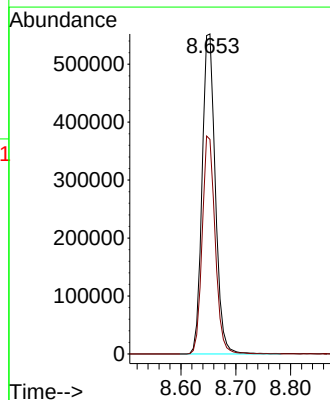
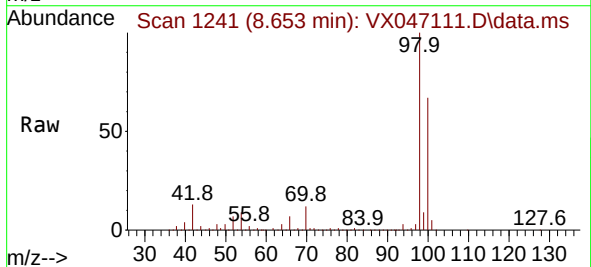
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

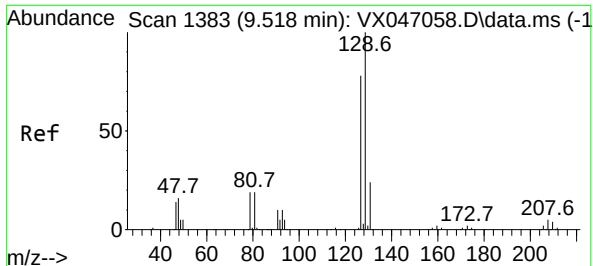
Tgt Ion: 83 Resp: 3253
Ion Ratio Lower Upper
83 100
85 53.6 49.9 74.9
127 13.4 6.6 10.0#



#50
Toluene-d8
Concen: 56.786 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047111.D
Acq: 24 Jul 2025 12:03

Tgt Ion: 98 Resp: 922306
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9

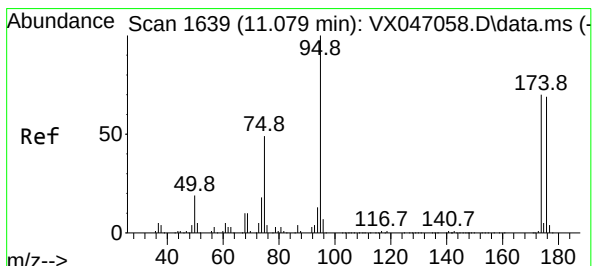
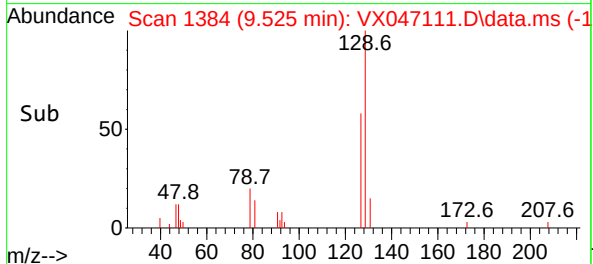
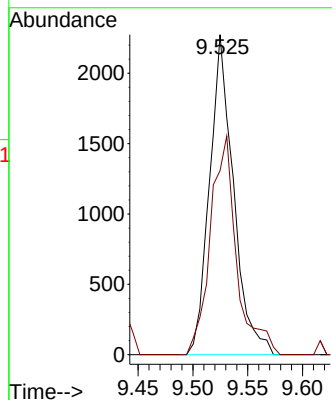
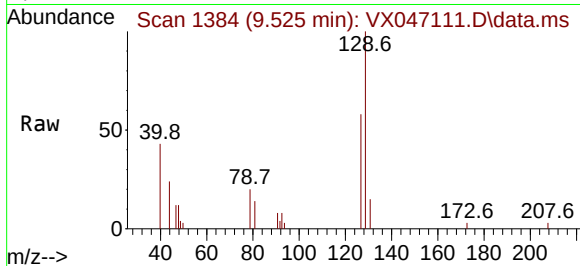




#60
Dibromochloromethane
Concen: 0.516 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX047111.D
Acq: 24 Jul 2025 12:03

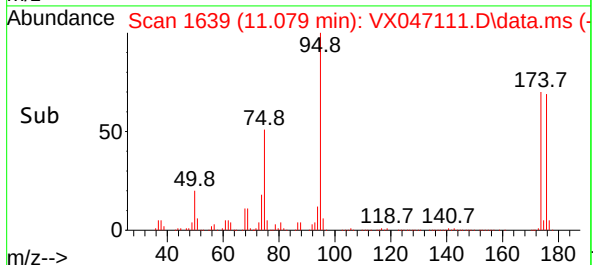
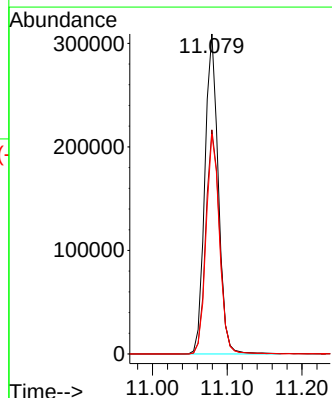
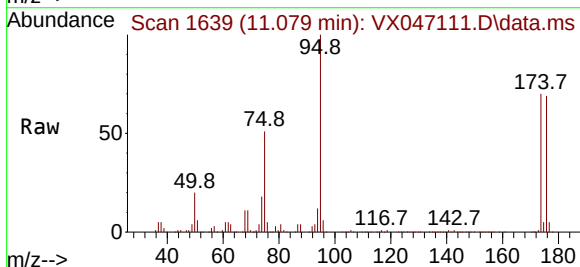
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

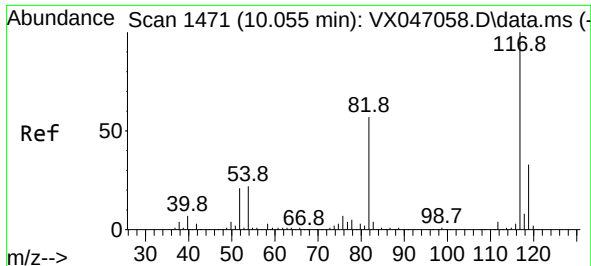
Tgt Ion:129 Resp: 3453
Ion Ratio Lower Upper
129 100
127 74.9 38.6 115.8



#62
4-Bromofluorobenzene
Concen: 55.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047111.D
Acq: 24 Jul 2025 12:03

Tgt Ion: 95 Resp: 385676
Ion Ratio Lower Upper
95 100
174 71.4 0.0 144.6
176 68.3 0.0 139.6

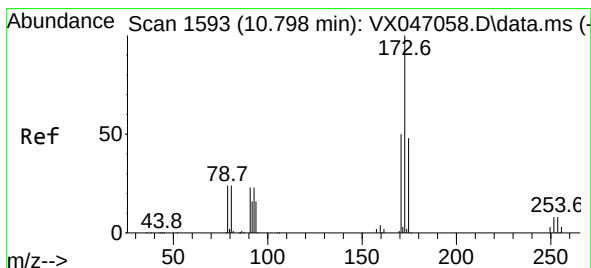
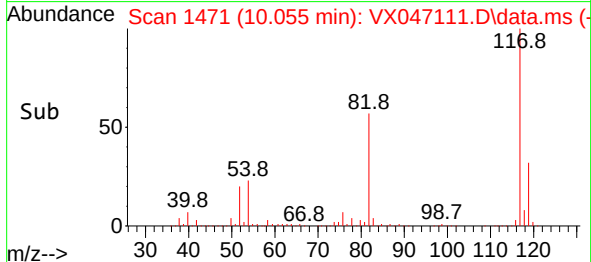
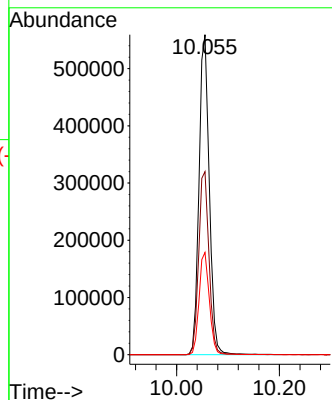
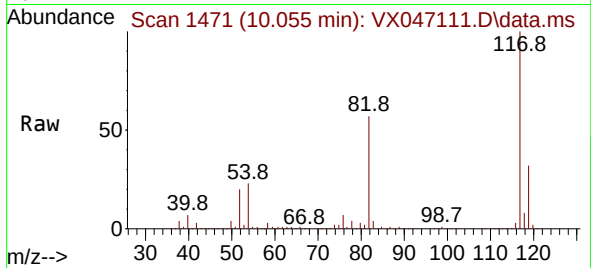




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047111.D
Acq: 24 Jul 2025 12:03

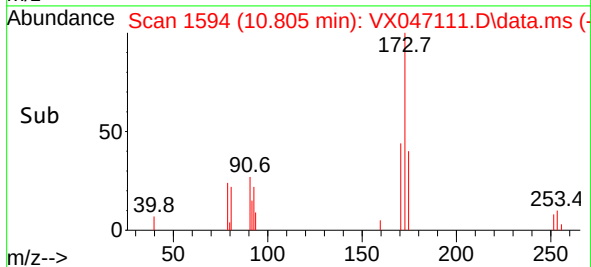
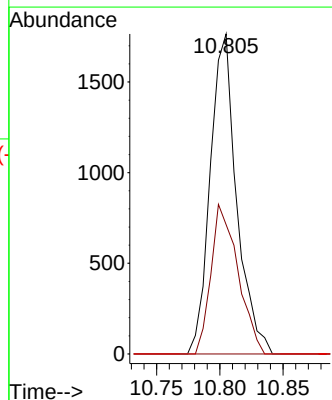
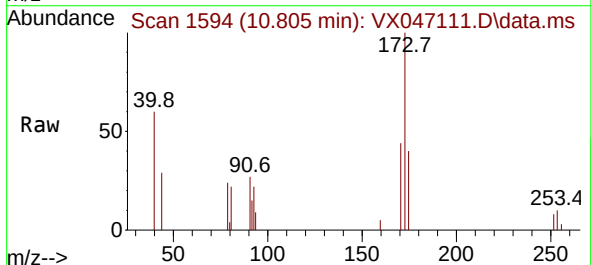
Instrument :
MSVOA_X
ClientSampleId :
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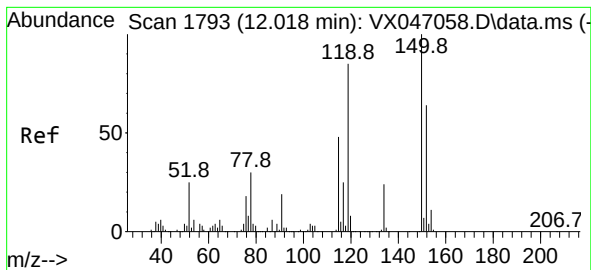
Tgt Ion:117 Resp: 775011
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 31.9 26.1 39.1



#71
Bromoform
Concen: 0.552 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.007 min
Lab File: VX047111.D
Acq: 24 Jul 2025 12:03

Tgt Ion:173 Resp: 2564
Ion Ratio Lower Upper
173 100
175 47.6 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: VX047111.D
 Acq: 24 Jul 2025 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 TOWER-2

Tgt Ion:152 Resp: 390837
 Ion Ratio Lower Upper
 152 100
 115 62.8 45.6 136.7
 150 152.7 0.0 354.6

