

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
 Data File : VX048557.D
 Acq On : 11 Nov 2025 12:24
 Operator : JC/MD
 Sample : Q3569-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12DL

Quant Time: Nov 12 04:44:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

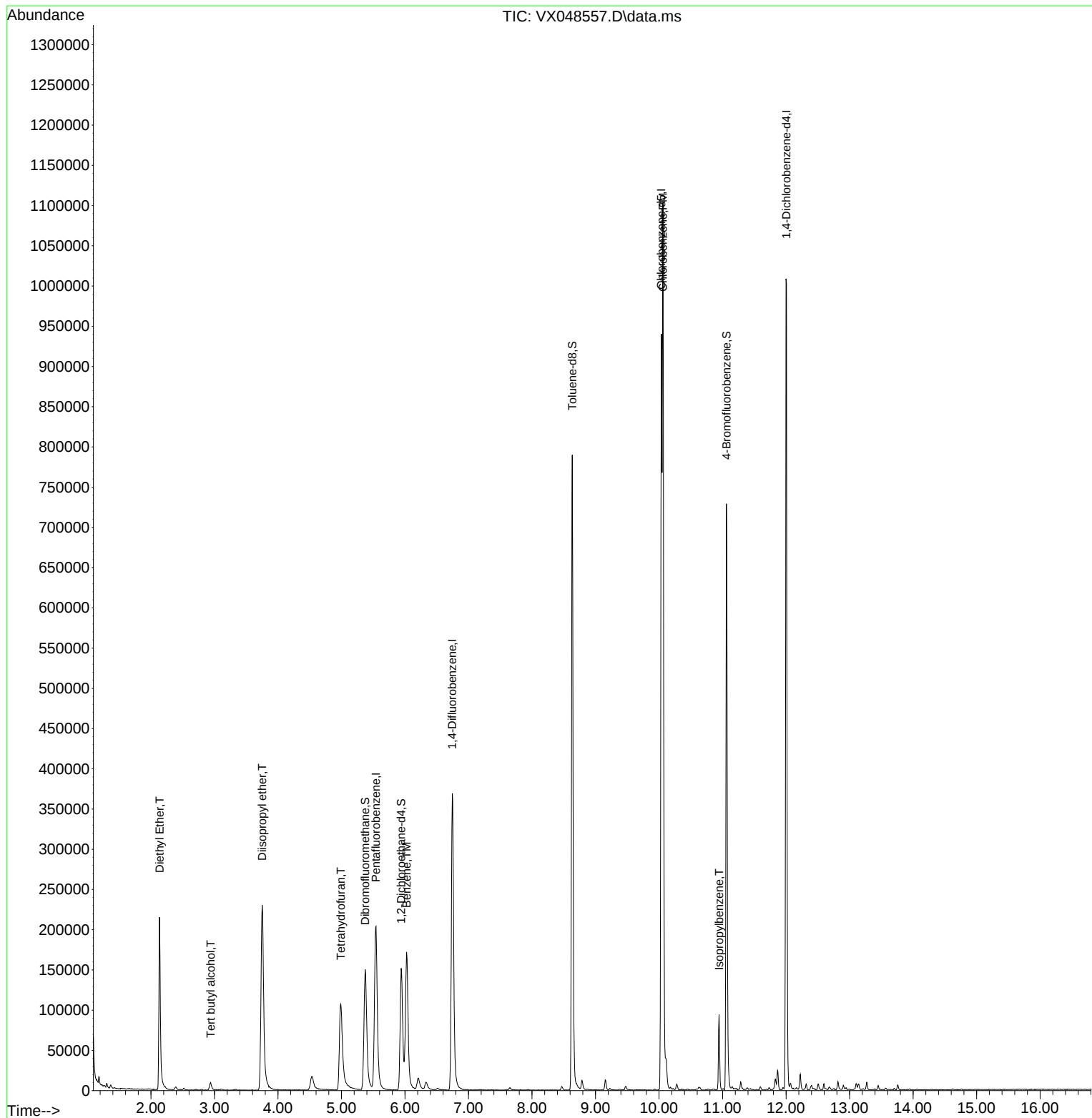
Internal Standards						
1) Pentafluorobenzene	5.544	168	220460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	428617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	439851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	230176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	163400	53.191	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.380%			
35) Dibromofluoromethane	5.373	113	148320	45.721	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.440%			
50) Toluene-d8	8.635	98	520240	51.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.840%			
62) 4-Bromofluorobenzene	11.061	95	213570	56.642	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.280%			
Target Compounds						
						Qvalue
8) Diethyl Ether	2.136	74	86412	50.723	ug/l	95
11) Tert butyl alcohol	2.940	59	11699	20.098	ug/l	95
22) Diisopropyl ether	3.751	45	295279	32.183	ug/l #	50
29) Tetrahydrofuran	4.989	42	128276	83.610	ug/l	96
40) Benzene	6.025	78	226911	16.852	ug/l	99
65) Chlorobenzene	10.061	112	487031	46.650	ug/l	99
73) Isopropylbenzene	10.945	105	50007	2.993	ug/l	99

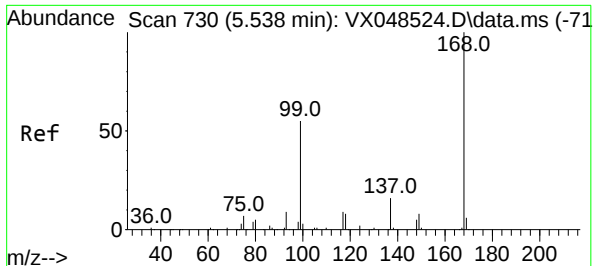
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048557.D
Acq On : 11 Nov 2025 12:24
Operator : JC/MD
Sample : Q3569-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Quant Time: Nov 12 04:44:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

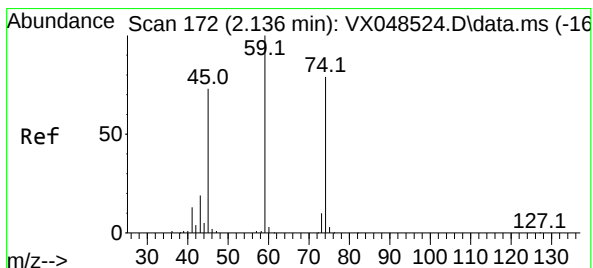
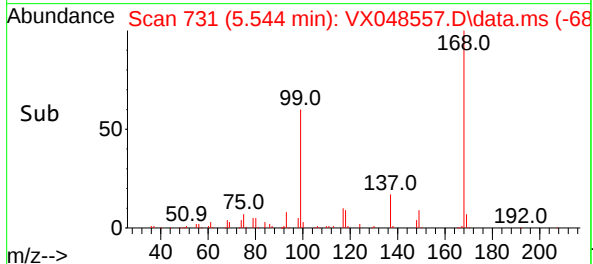
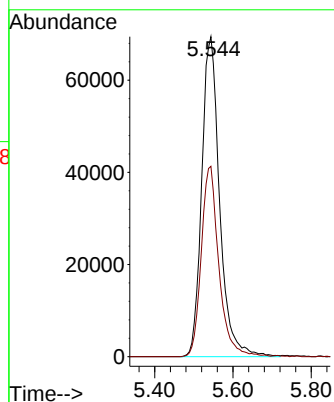
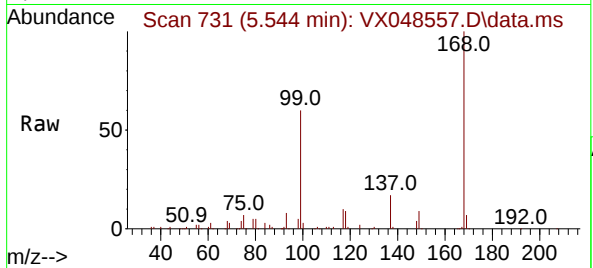




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

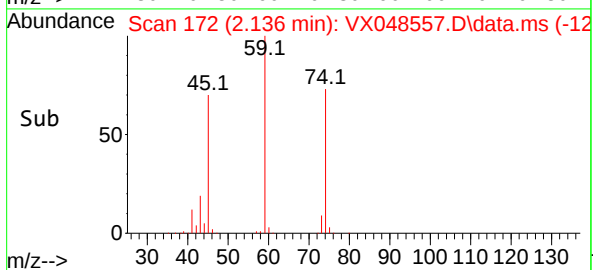
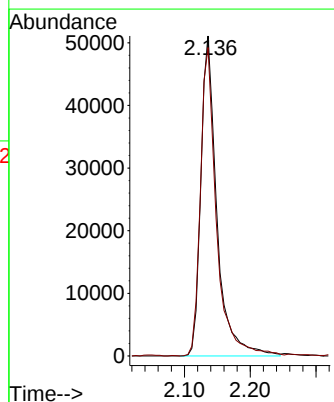
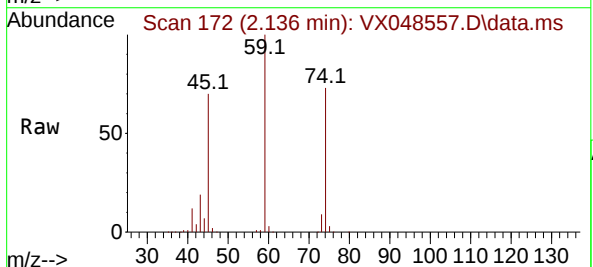
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

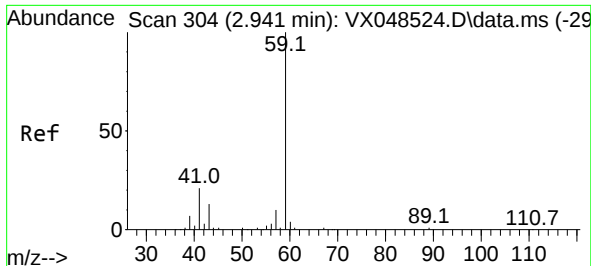
Tgt Ion:168 Resp: 220460
Ion Ratio Lower Upper
168 100
99 59.5 45.2 67.8



#8
Diethyl Ether
Concen: 50.723 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Tgt Ion: 74 Resp: 86412
Ion Ratio Lower Upper
74 100
45 96.8 45.9 137.6

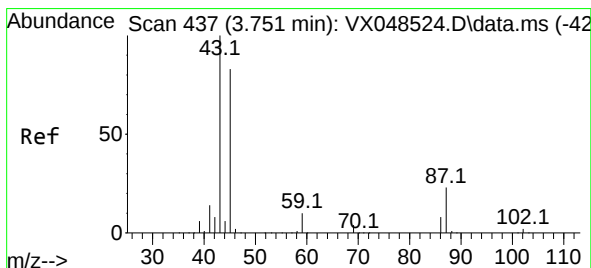
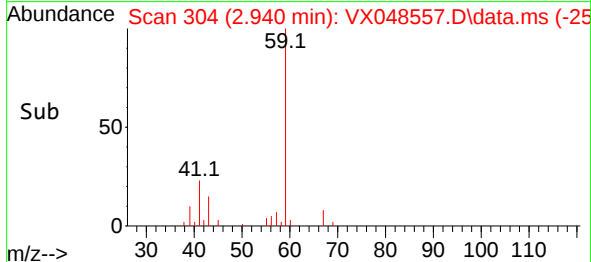
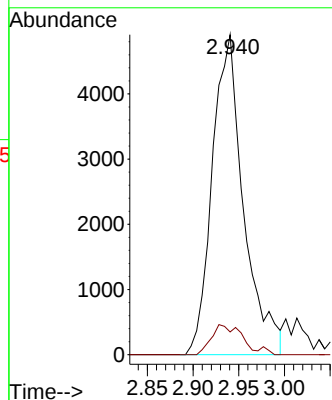
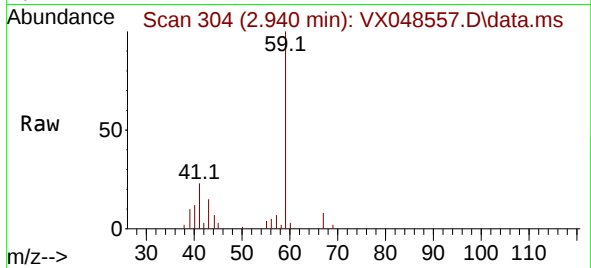




#11
Tert butyl alcohol
Concen: 20.098 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

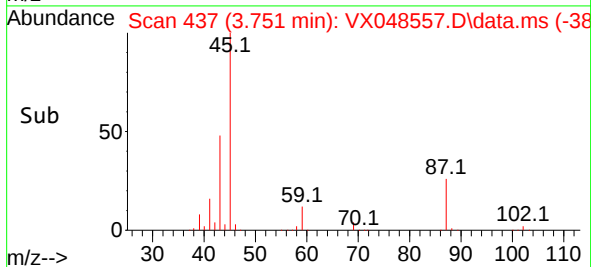
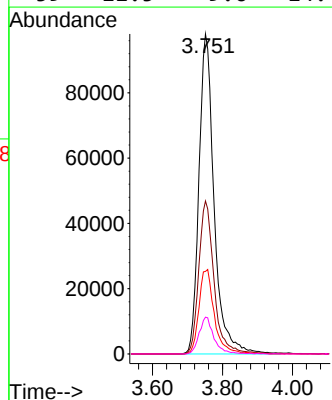
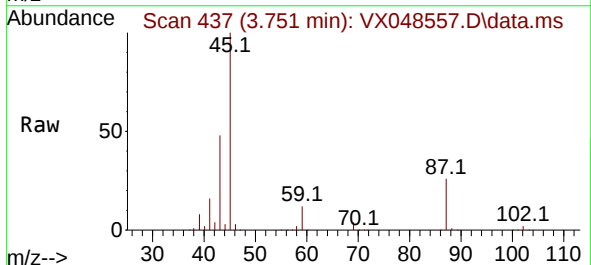
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

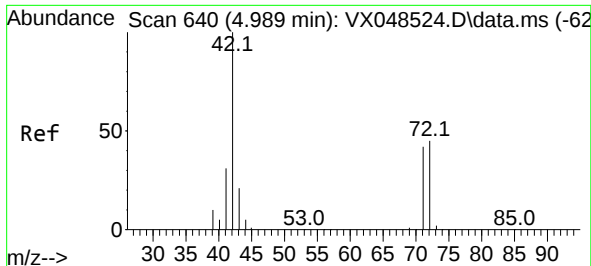
Tgt Ion: 59 Resp: 11699
Ion Ratio Lower Upper
59 100
57 8.9 8.6 13.0



#22
Diisopropyl ether
Concen: 32.183 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

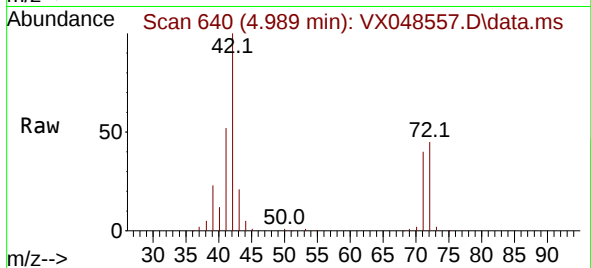
Tgt Ion: 45 Resp: 295279
Ion Ratio Lower Upper
45 100
43 47.8 96.4 144.6#
87 25.8 21.8 32.6
59 11.5 9.6 14.4



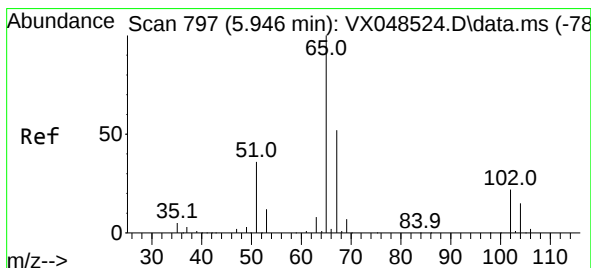
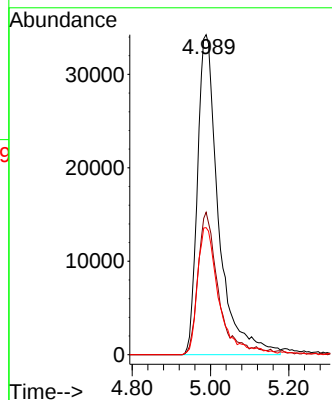
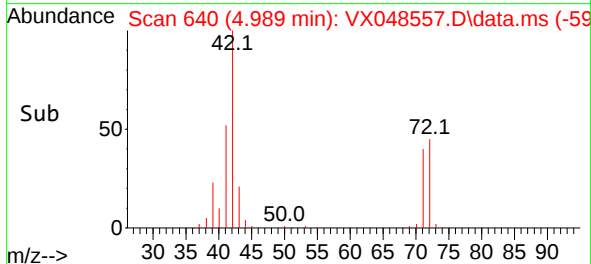


#29
Tetrahydrofuran
Concen: 83.610 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

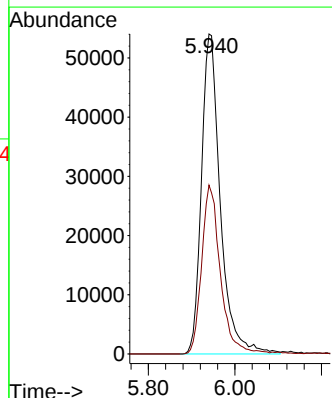
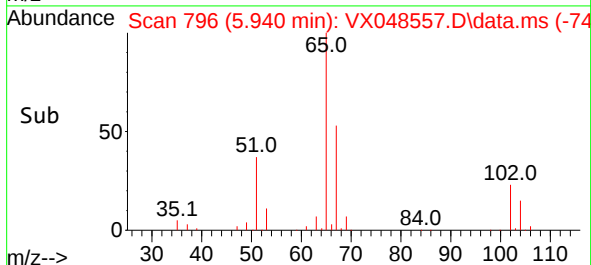
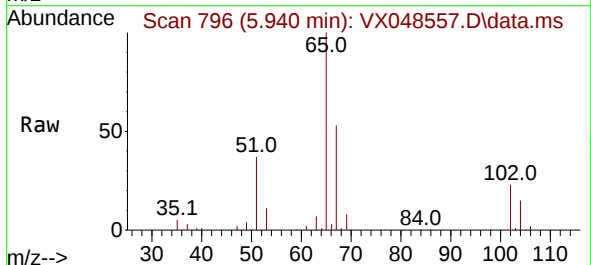


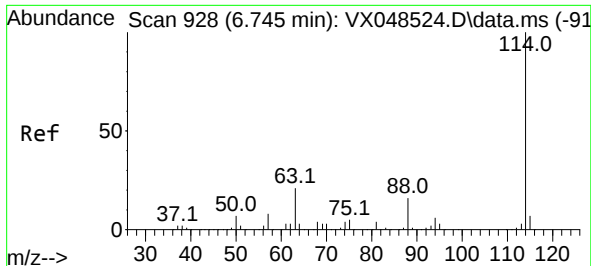
Tgt Ion: 42 Resp: 128276
Ion Ratio Lower Upper
42 100
72 42.5 36.3 54.5
71 39.7 34.1 51.1



#33
1,2-Dichloroethane-d4
Concen: 53.191 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Tgt Ion: 65 Resp: 163400
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.2

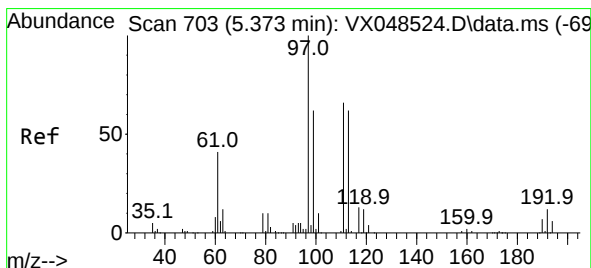
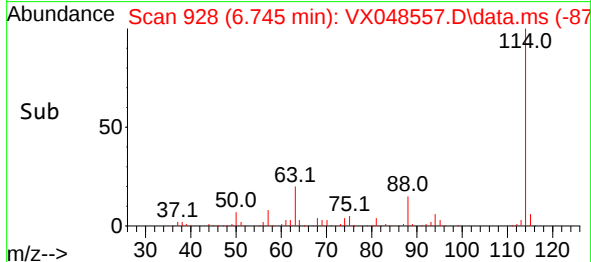
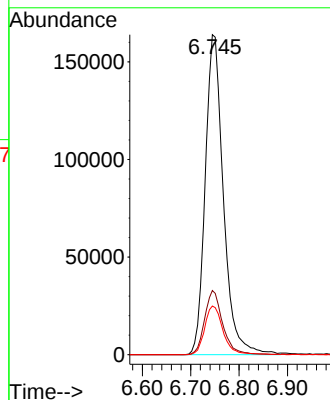
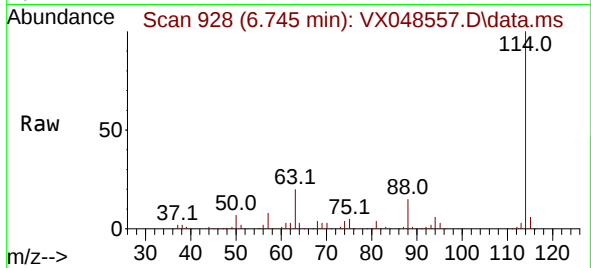




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

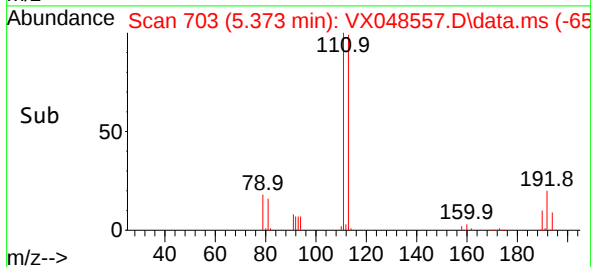
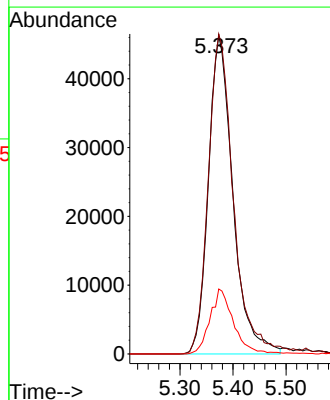
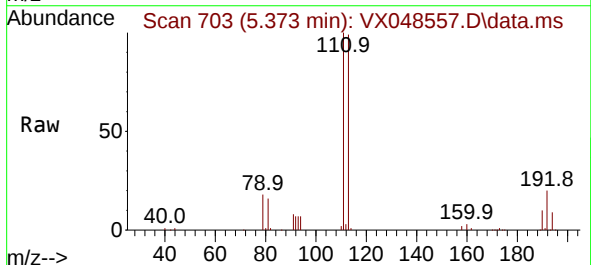
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

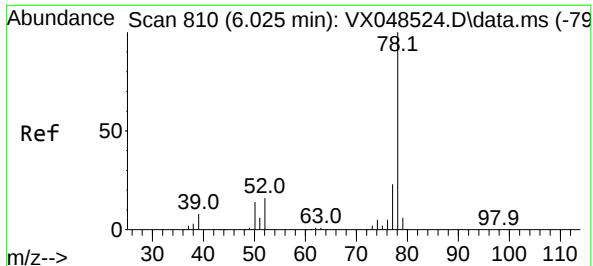
Tgt Ion:114 Resp: 428617
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.2
88 15.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.721 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Tgt Ion:113 Resp: 148320
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.6 15.8 23.6

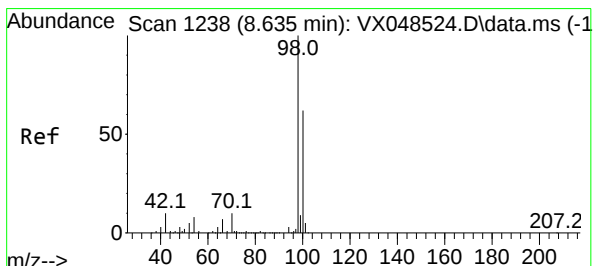
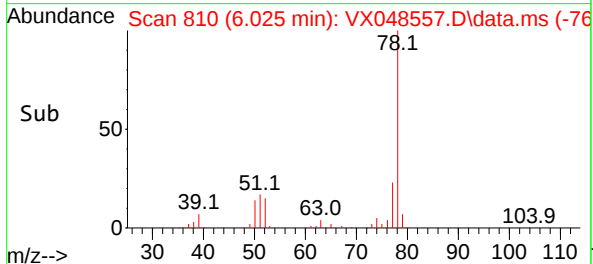
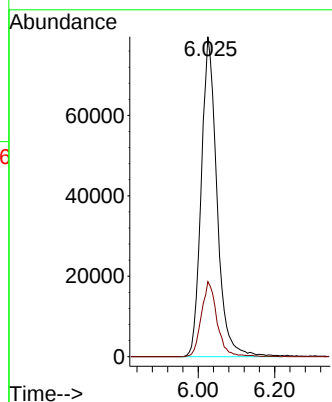
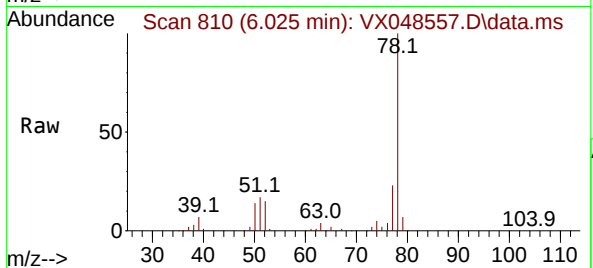




#40
Benzene
Concen: 16.852 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

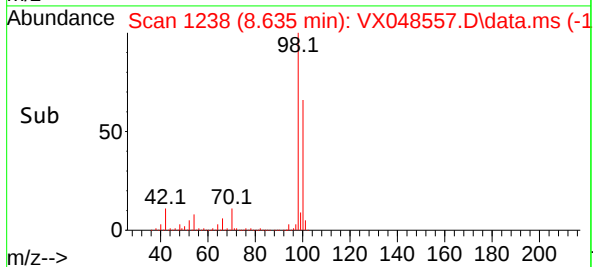
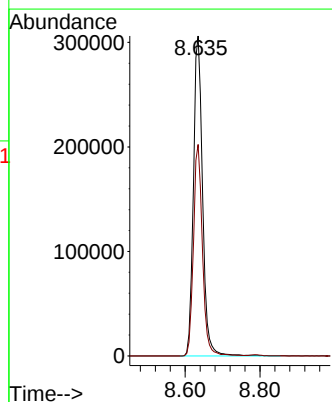
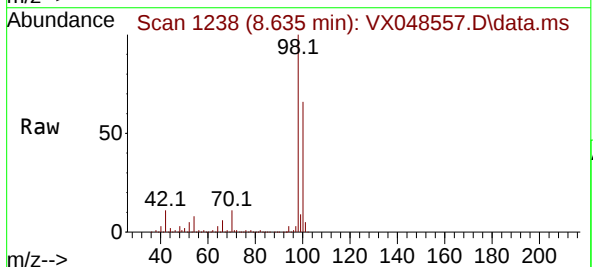
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

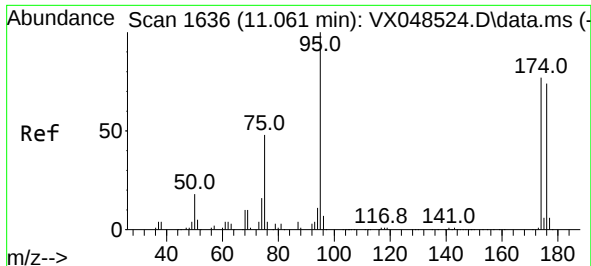
Tgt Ion: 78 Resp: 226911
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5



#50
Toluene-d8
Concen: 51.419 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Tgt Ion: 98 Resp: 520240
Ion Ratio Lower Upper
98 100
100 64.9 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 56.642 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048557.D

Acq: 11 Nov 2025 12:24

Instrument :

MSVOA_X

ClientSampleId :

MW-12DL

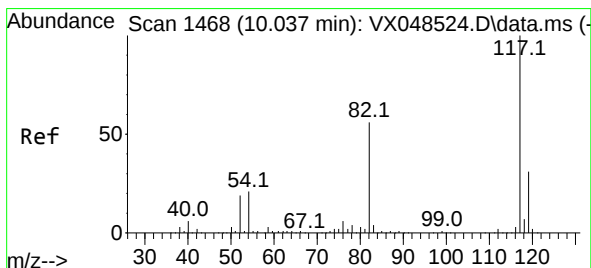
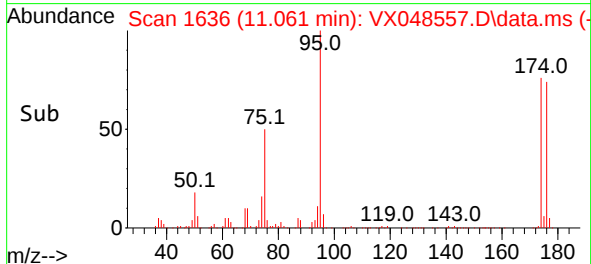
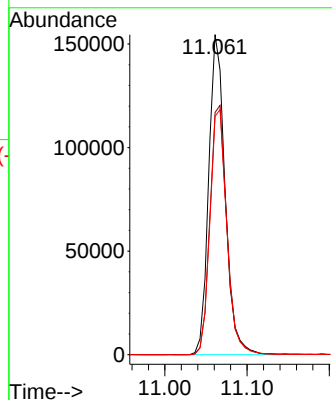
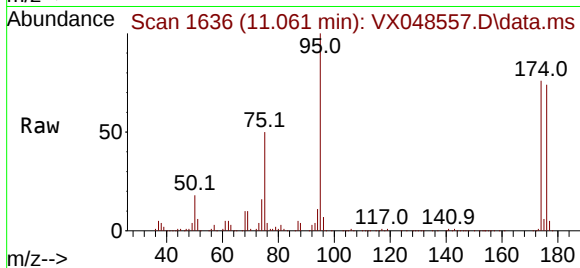
Tgt Ion: 95 Resp: 213570

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.8

176 79.2 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048557.D

Acq: 11 Nov 2025 12:24

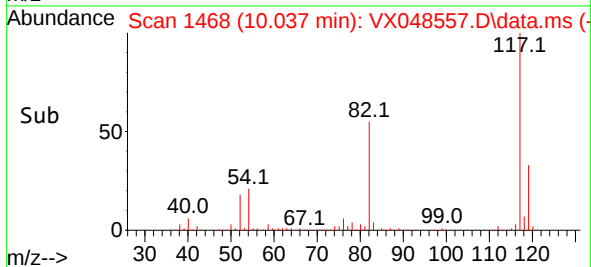
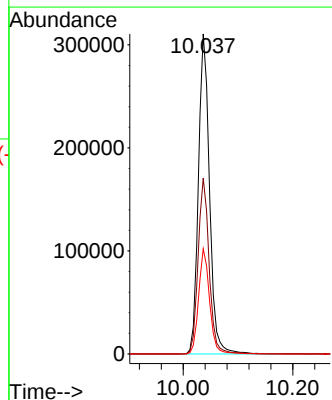
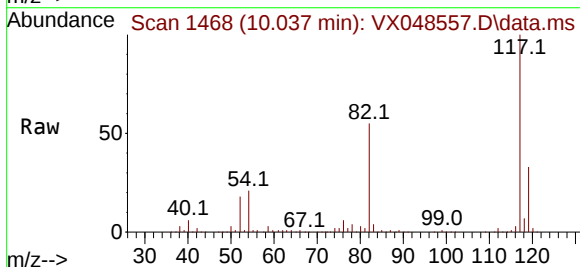
Tgt Ion: 117 Resp: 439851

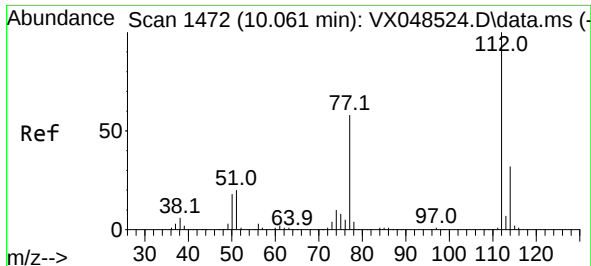
Ion Ratio Lower Upper

117 100

82 55.0 44.4 66.6

119 32.9 25.1 37.7

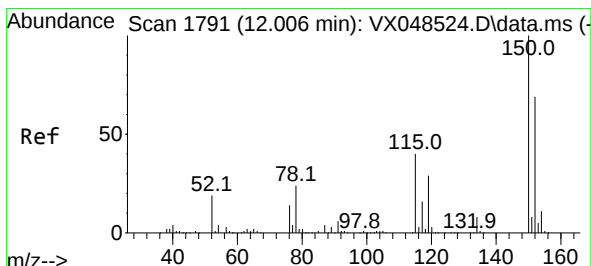
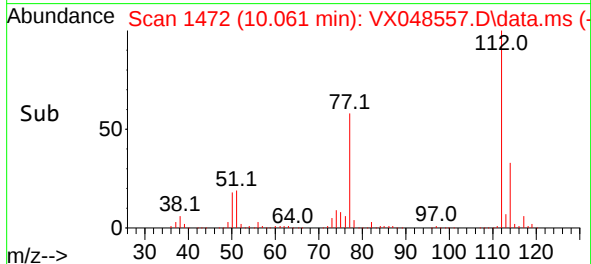
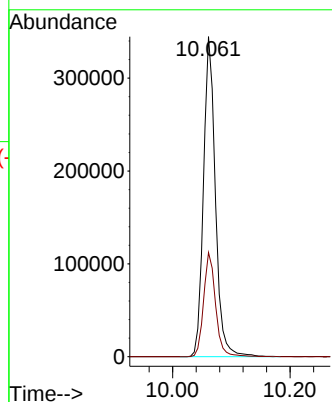
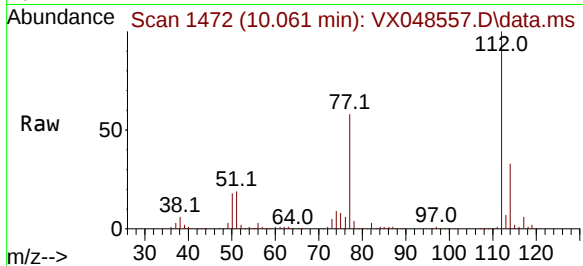




#65
Chlorobenzene
Concen: 46.650 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

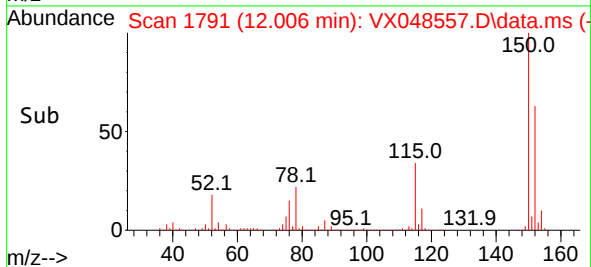
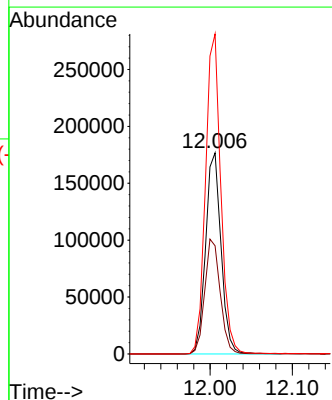
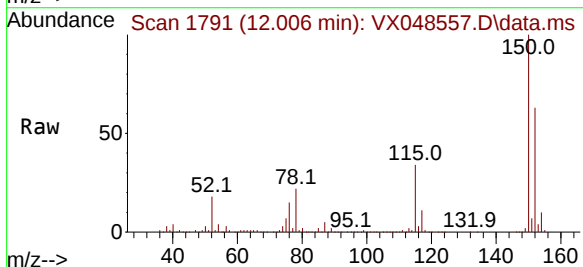
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

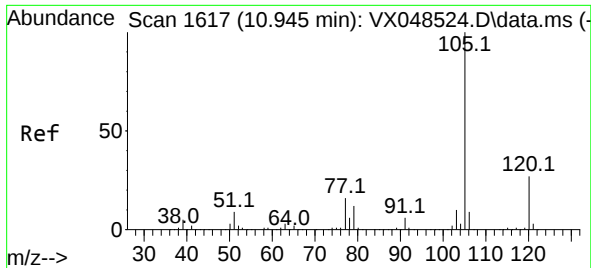
Tgt Ion:112 Resp: 487031
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Tgt Ion:152 Resp: 230176
Ion Ratio Lower Upper
152 100
115 57.2 39.2 117.6
150 157.4 0.0 347.0





#73
Isopropylbenzene
Concen: 2.993 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048557.D
Acq: 11 Nov 2025 12:24

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion:105 Resp: 50007
Ion Ratio Lower Upper
105 100
120 26.7 13.6 40.7

