

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
 Data File : VX048681.D
 Acq On : 25 Nov 2025 13:41
 Operator : JC/MD
 Sample : Q3716-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3

Quant Time: Nov 26 01:00:51 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)

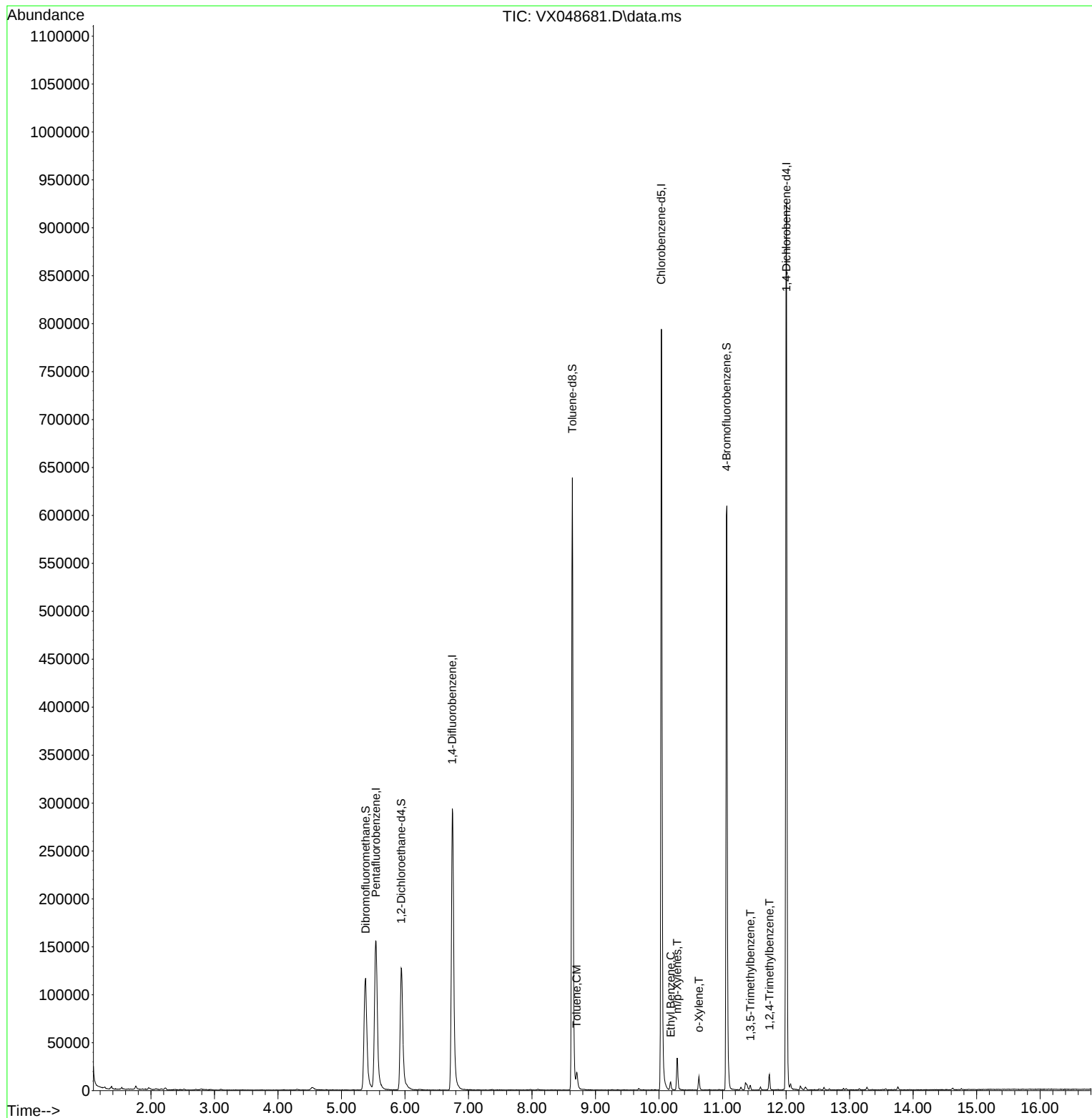
Internal Standards						
1) Pentafluorobenzene	5.544	168	169681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	330833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	374910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	205814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	141197	59.719	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 119.440%#		
35) Dibromofluoromethane	5.379	113	117655	46.988	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.980%		
50) Toluene-d8	8.635	98	398420	51.018	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.040%		
62) 4-Bromofluorobenzene	11.061	95	179745	61.761	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 123.520%#		
Target Compounds						
						Qvalue
52) Toluene	8.702	92	6709	1.226	ug/l	95
67) Ethyl Benzene	10.183	91	5271	0.353	ug/l #	89
68) m/p-Xylenes	10.287	106	8573	1.523	ug/l	94
69) o-Xylene	10.628	106	3240	0.588	ug/l	93
80) 1,3,5-Trimethylbenzene	11.439	105	2517	0.207	ug/l	93
84) 1,2,4-Trimethylbenzene	11.738	105	7724	0.629	ug/l	99

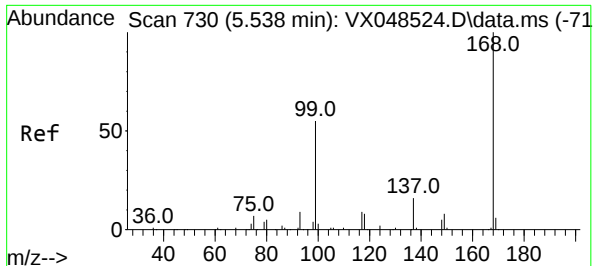
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048681.D
Acq On : 25 Nov 2025 13:41
Operator : JC/MD
Sample : Q3716-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

Quant Time: Nov 26 01:00:51 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

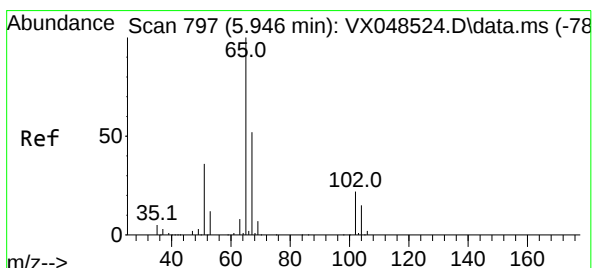
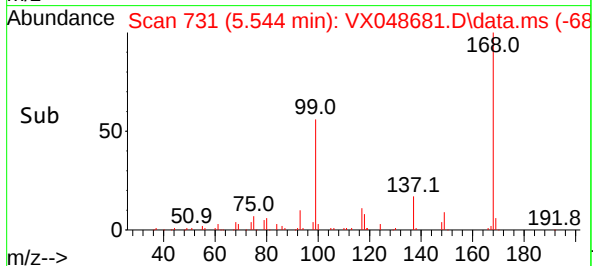
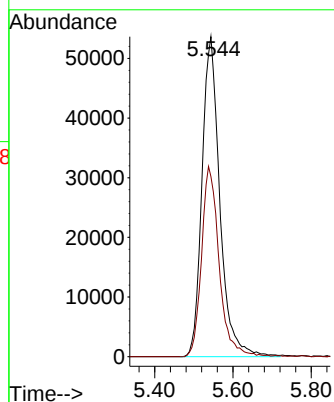
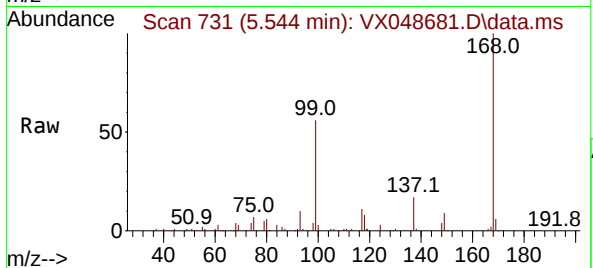




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048681.D
Acq: 25 Nov 2025 13:41

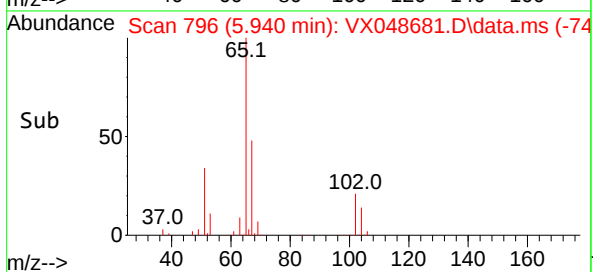
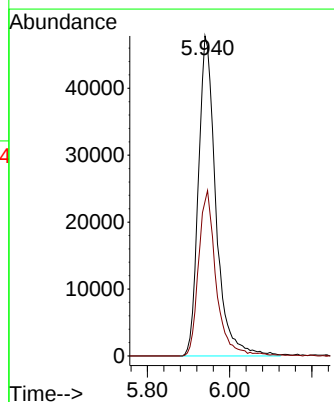
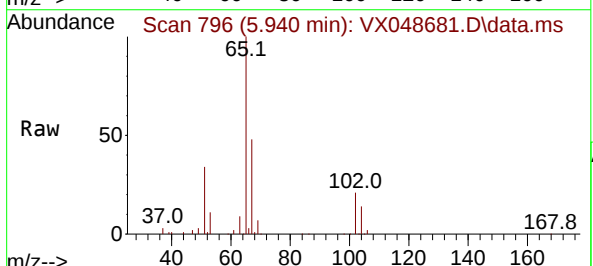
Instrument :
MSVOA_X
ClientSampleId :
MW3

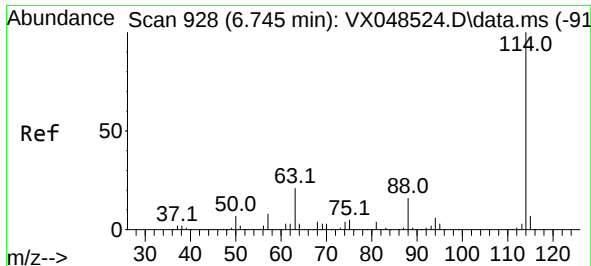
Tgt Ion:168 Resp: 169681
Ion Ratio Lower Upper
168 100
99 56.3 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 59.719 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048681.D
Acq: 25 Nov 2025 13:41

Tgt Ion: 65 Resp: 141197
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.2

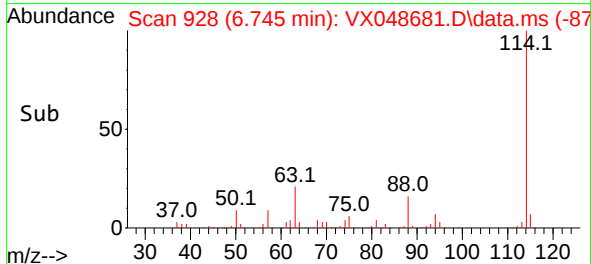
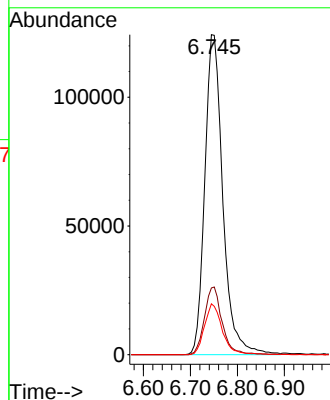
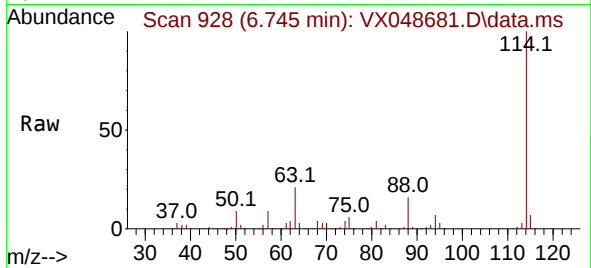




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048681.D
Acq: 25 Nov 2025 13:41

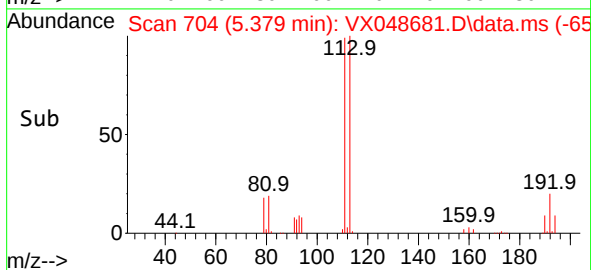
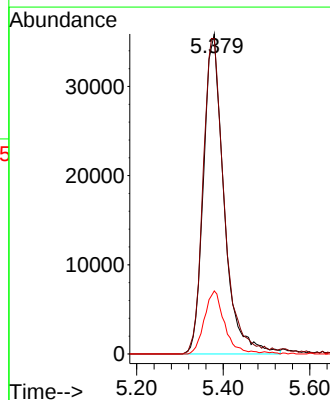
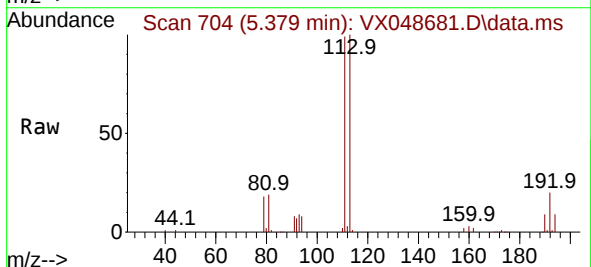
Instrument :
MSVOA_X
ClientSampleId :
MW3

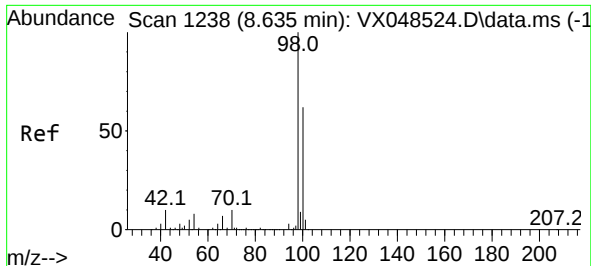
Tgt Ion:114 Resp: 330833
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.2
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.988 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048681.D
Acq: 25 Nov 2025 13:41

Tgt Ion:113 Resp: 117655
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 19.1 15.8 23.6

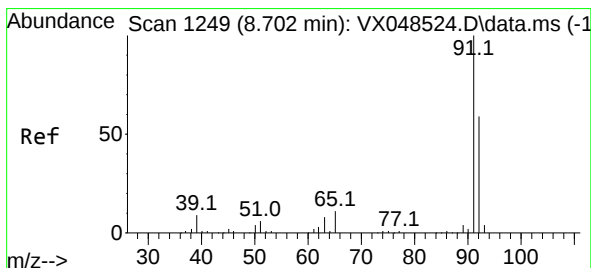
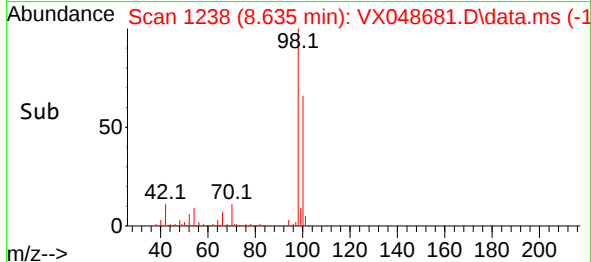
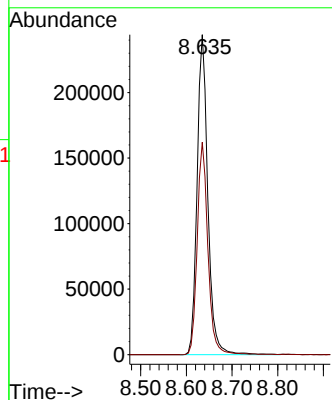
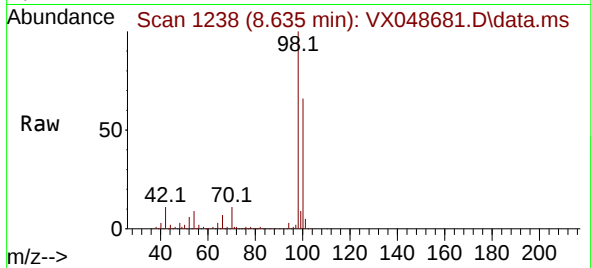




#50
Toluene-d8
Concen: 51.018 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048681.D
Acq: 25 Nov 2025 13:41

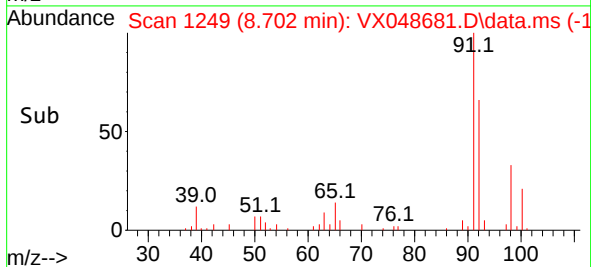
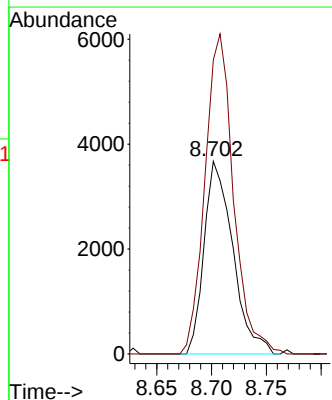
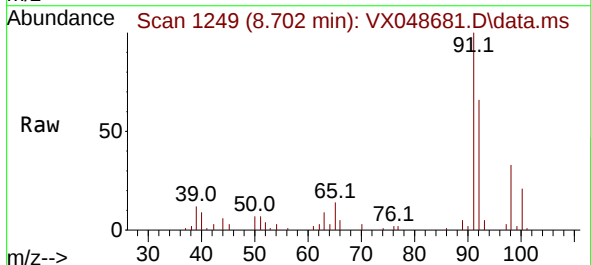
Instrument :
MSVOA_X
ClientSampleId :
MW3

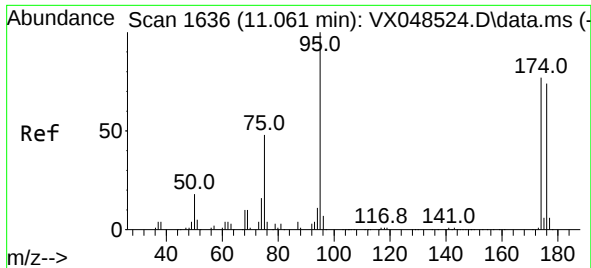
Tgt Ion: 98 Resp: 398420
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4



#52
Toluene
Concen: 1.226 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048681.D
Acq: 25 Nov 2025 13:41

Tgt Ion: 92 Resp: 6709
Ion Ratio Lower Upper
92 100
91 165.0 137.0 205.6

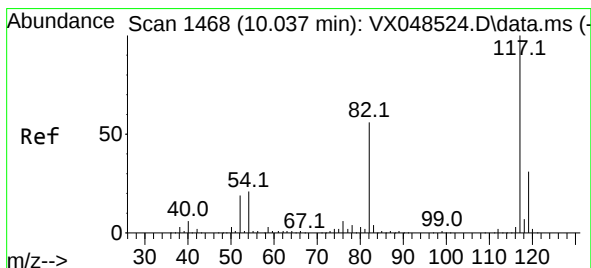
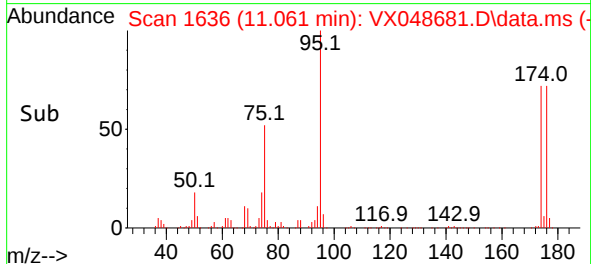
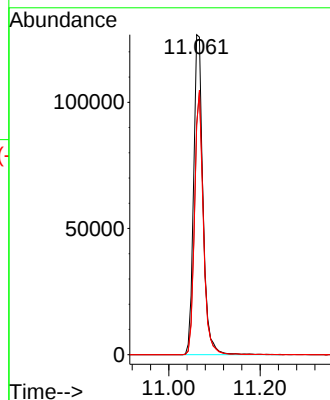
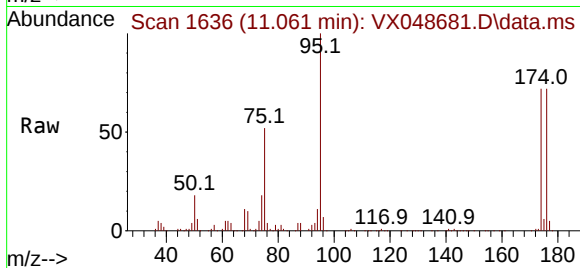




#62
4-Bromofluorobenzene
Concen: 61.761 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048681.D
Acq: 25 Nov 2025 13:41

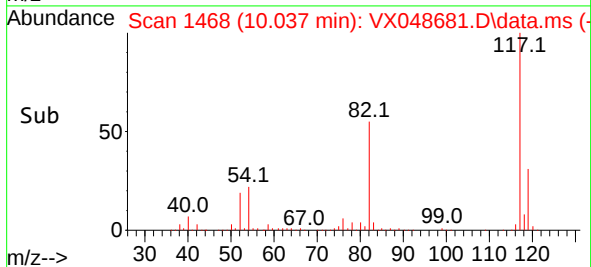
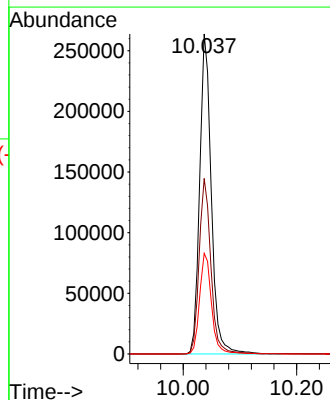
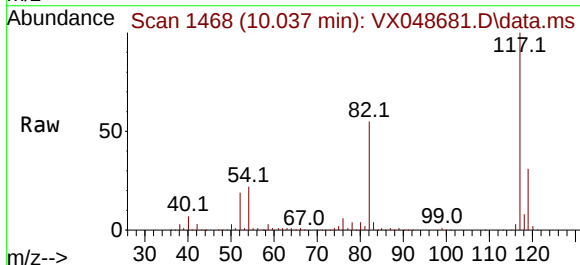
Instrument :
MSVOA_X
ClientSampleId :
MW3

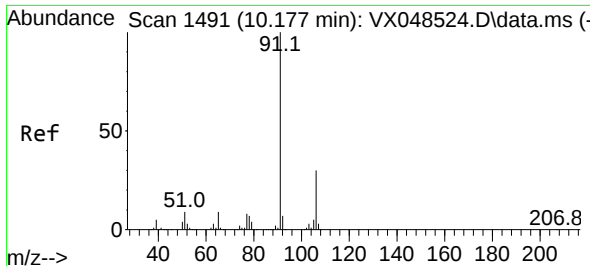
Tgt Ion: 95 Resp: 179745
Ion Ratio Lower Upper
95 100
174 79.6 0.0 161.8
176 77.4 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048681.D
Acq: 25 Nov 2025 13:41

Tgt Ion: 117 Resp: 374910
Ion Ratio Lower Upper
117 100
82 54.9 44.4 66.6
119 31.5 25.1 37.7





#67

Ethyl Benzene

Concen: 0.353 ug/l

RT: 10.183 min Scan# 1491

Delta R.T. 0.006 min

Lab File: VX048681.D

Acq: 25 Nov 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

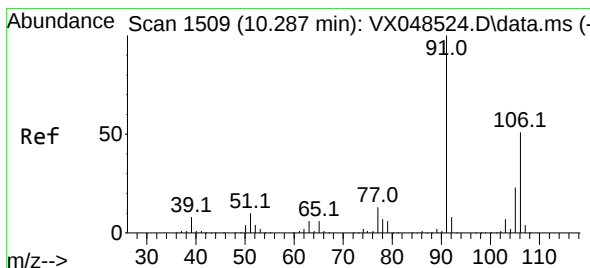
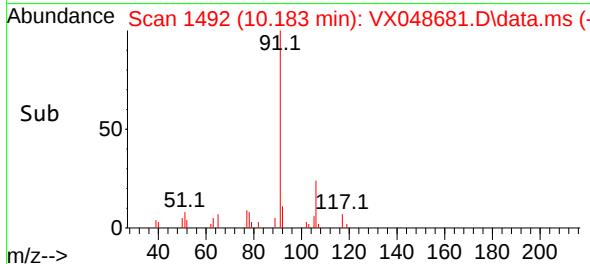
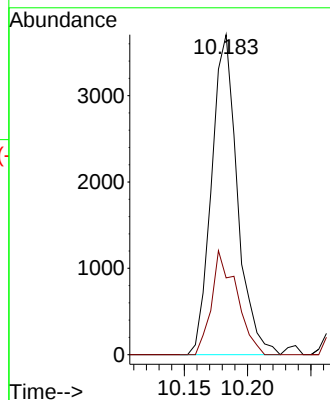
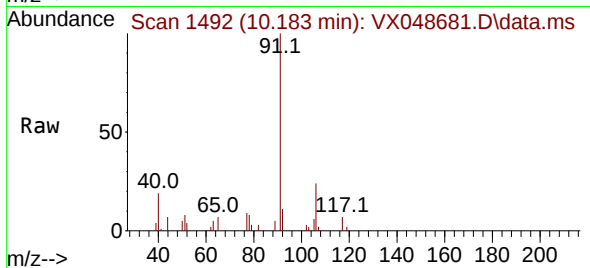
MW3

Tgt Ion: 91 Resp: 5271

Ion Ratio Lower Upper

91 100

106 24.0 24.1 36.1#



#68

m/p-Xylenes

Concen: 1.523 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048681.D

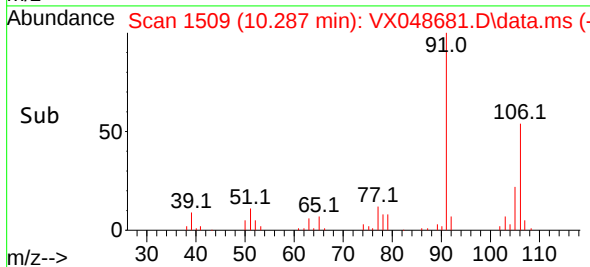
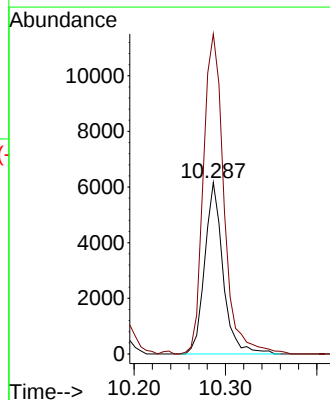
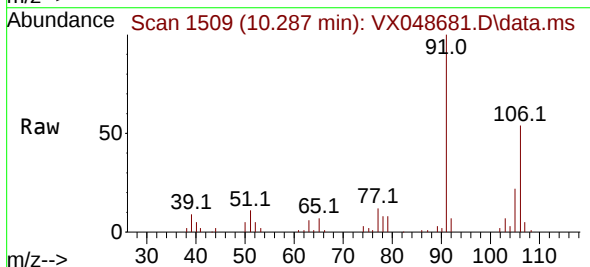
Acq: 25 Nov 2025 13:41

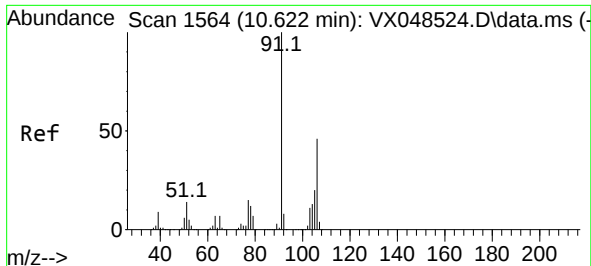
Tgt Ion: 106 Resp: 8573

Ion Ratio Lower Upper

106 100

91 209.2 159.6 239.4

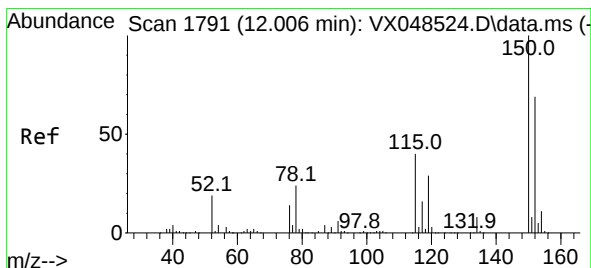
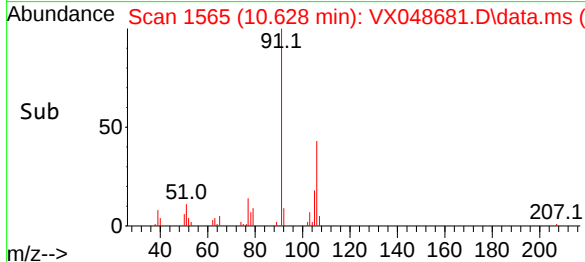
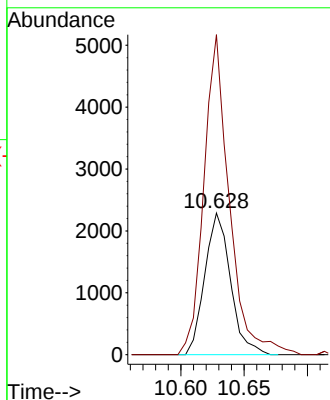
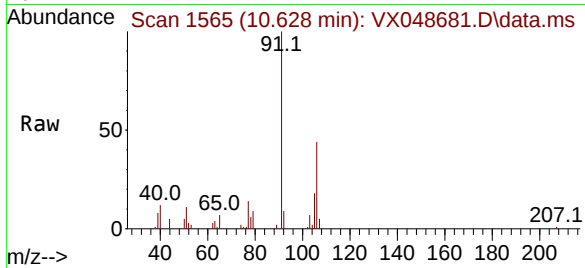




#69
o-Xylene
Concen: 0.588 ug/l
RT: 10.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048681.D
Acq: 25 Nov 2025 13:41

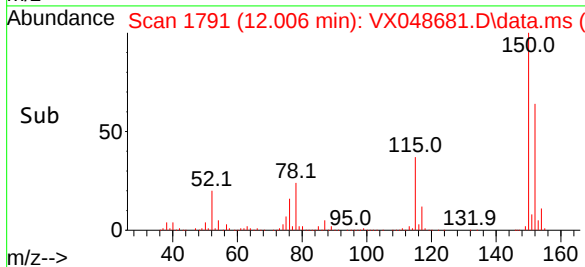
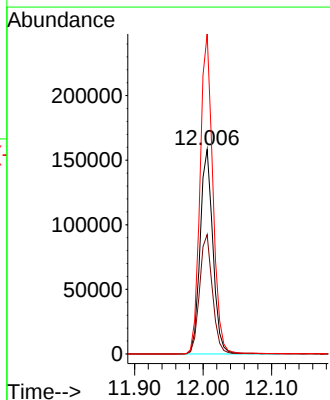
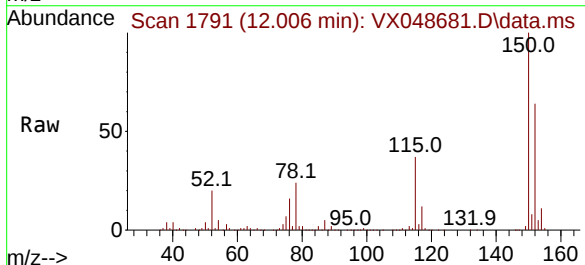
Instrument :
MSVOA_X
ClientSampleId :
MW3

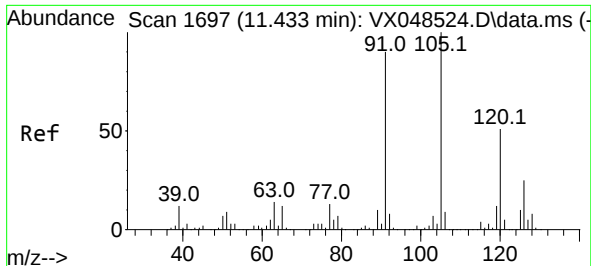
Tgt Ion:106 Resp: 3240
Ion Ratio Lower Upper
106 100
91 223.4 106.4 319.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048681.D
Acq: 25 Nov 2025 13:41

Tgt Ion:152 Resp: 205814
Ion Ratio Lower Upper
152 100
115 58.8 39.2 117.6
150 156.1 0.0 347.0

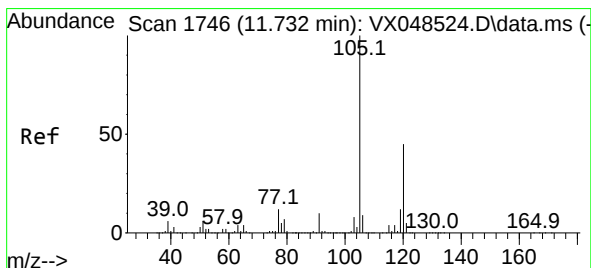
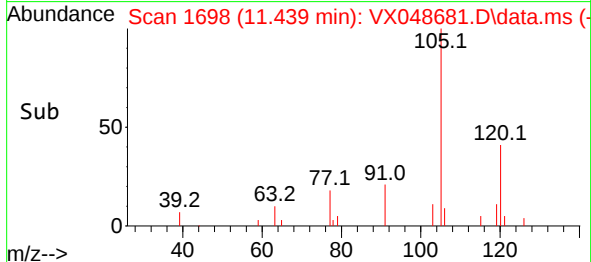
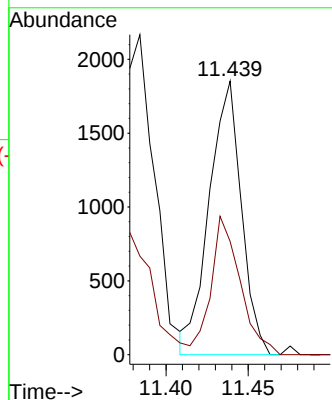
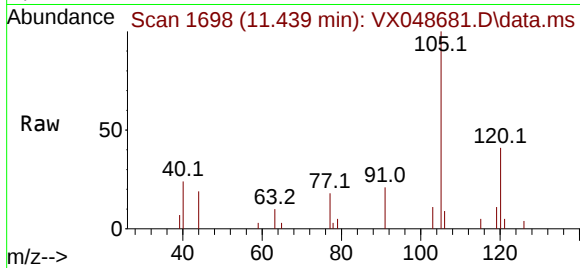




#80
1,3,5-Trimethylbenzene
Concen: 0.207 ug/l
RT: 11.439 min Scan# 1697
Delta R.T. 0.006 min
Lab File: VX048681.D
Acq: 25 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:105 Resp: 2517
Ion Ratio Lower Upper
105 100
120 45.6 25.1 75.2



#84
1,2,4-Trimethylbenzene
Concen: 0.629 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048681.D
Acq: 25 Nov 2025 13:41

Tgt Ion:105 Resp: 7724
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.0

