

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046738.D
 Acq On : 18 Jun 2025 13:37
 Operator : JC/MD
 Sample : Q2345-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-3-20250616

Quant Time: Jun 19 01:23:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

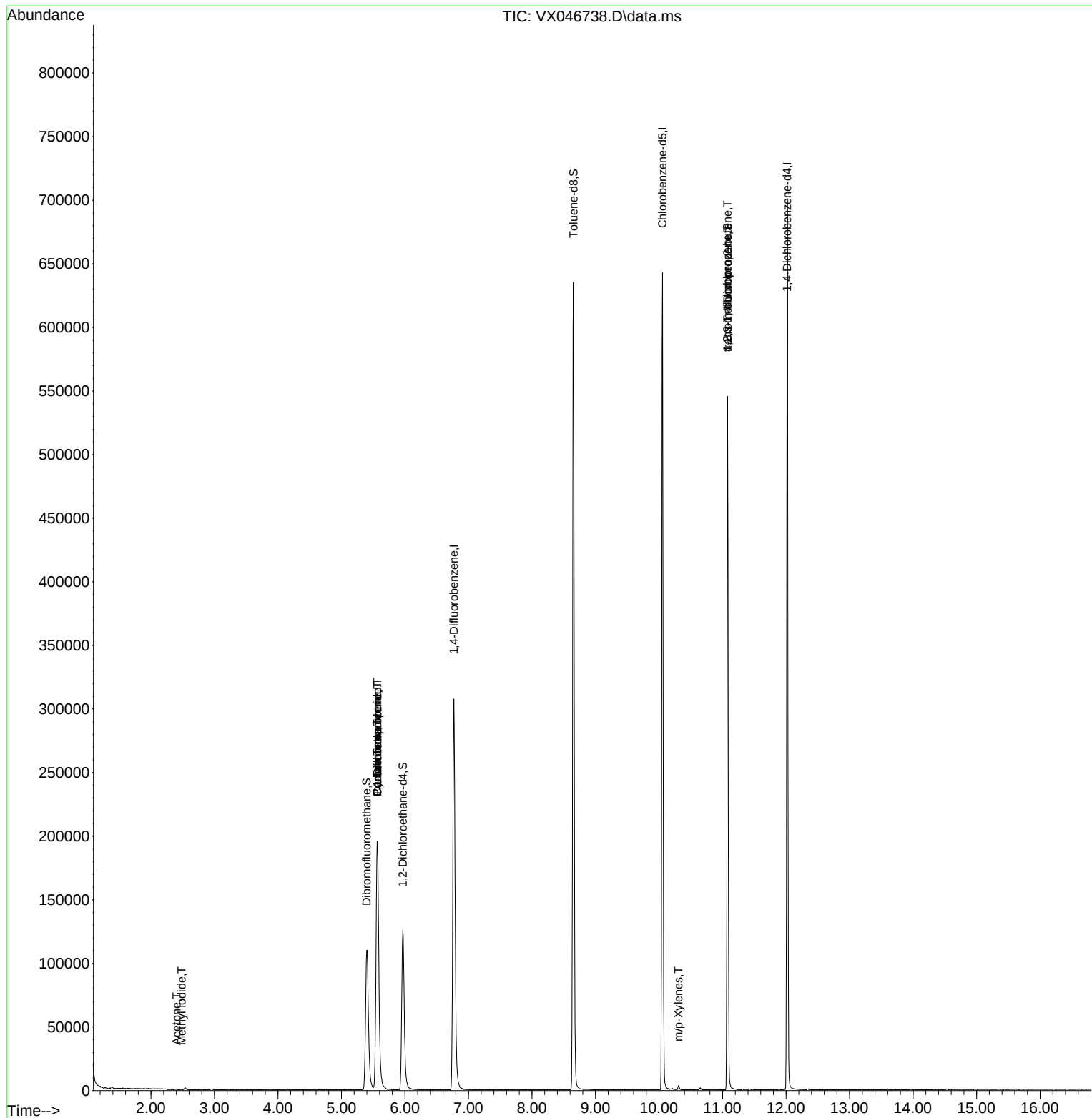
Internal Standards						
1) Pentafluorobenzene	5.562	168	203124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332589	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	141430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130171	46.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.660%
35) Dibromofluoromethane	5.397	113	107039	48.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.280%
50) Toluene-d8	8.653	98	391335	49.499	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.000%
62) 4-Bromofluorobenzene	11.079	95	141753	48.100	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.200%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.483	142	279	4.421	ug/l #	38
16) Acetone	2.404	43	448	0.478	ug/l #	44
31) Cyclohexane	5.562	56	4335	1.030	ug/l #	5
36) 1,1-Dichloropropene	5.562	75	16228	5.109	ug/l #	51
38) Carbon Tetrachloride	5.562	117	21030	6.100	ug/l #	17
68) m/p-Xylenes	10.305	106	863	0.207	ug/l	78
76) 1,2,3-Trichloropropane	11.079	75	74292	28.681	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	74292	81.068	ug/l #	7

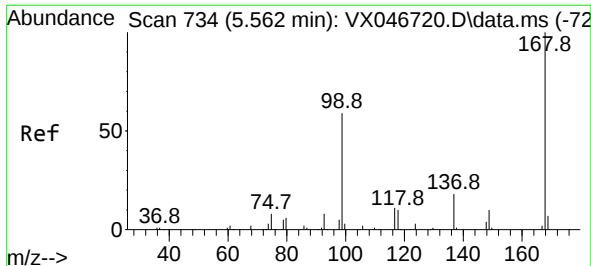
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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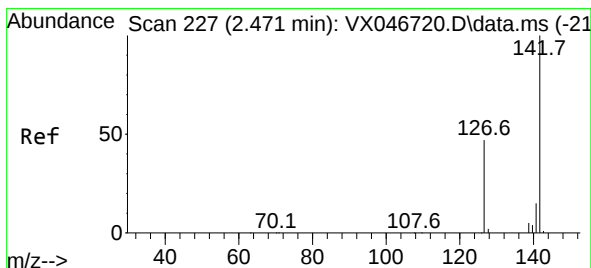
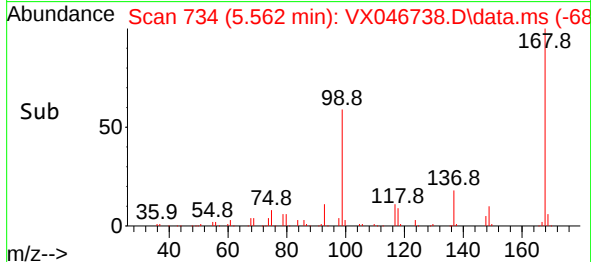
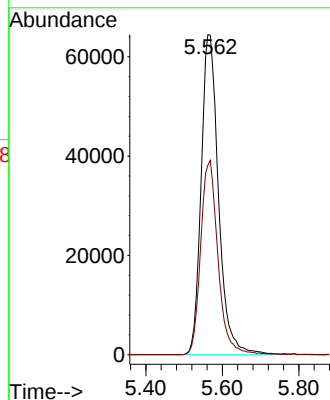
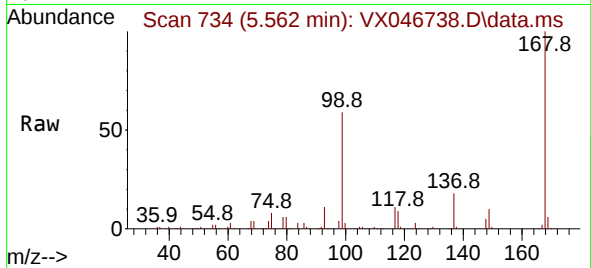




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

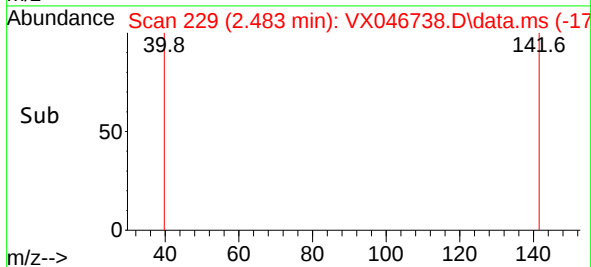
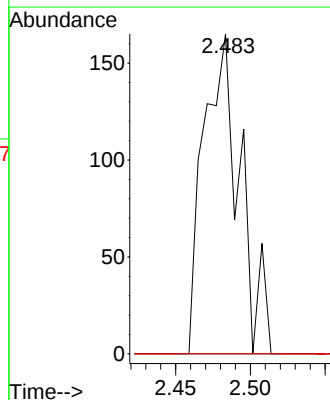
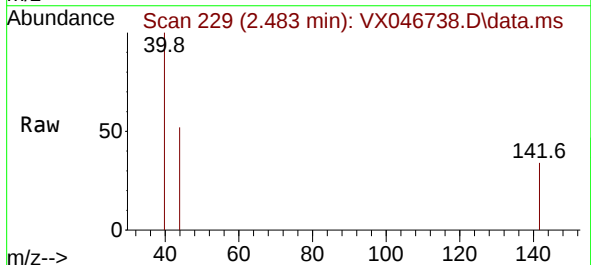
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250616

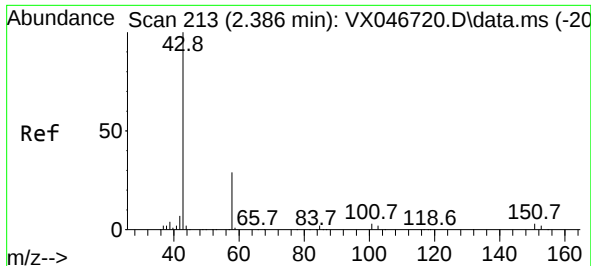
Tgt Ion:168 Resp: 203124
Ion Ratio Lower Upper
168 100
99 59.2 48.5 72.7



#10
Methyl Iodide
Concen: 4.421 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

Tgt Ion:142 Resp: 279
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#

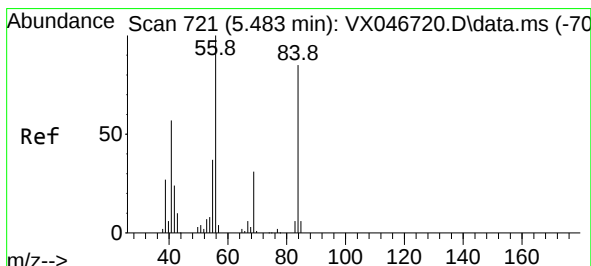
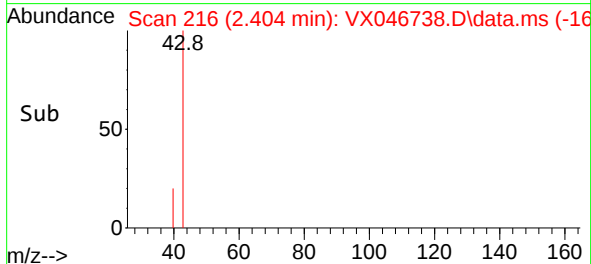
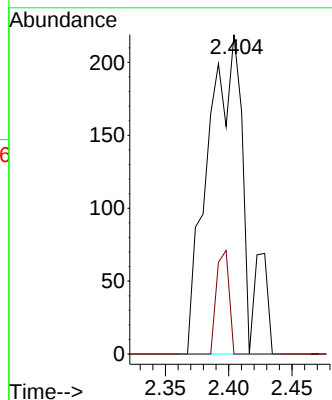
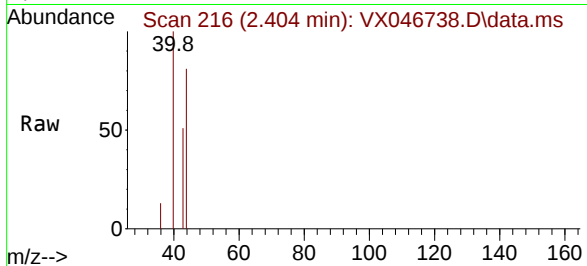




#16
Acetone
Concen: 0.478 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

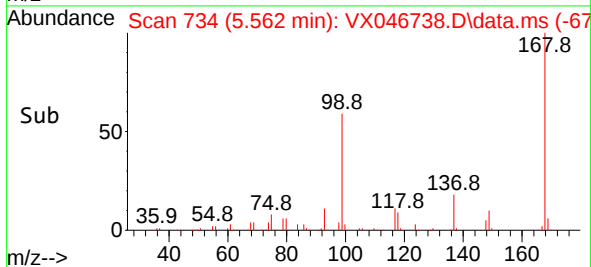
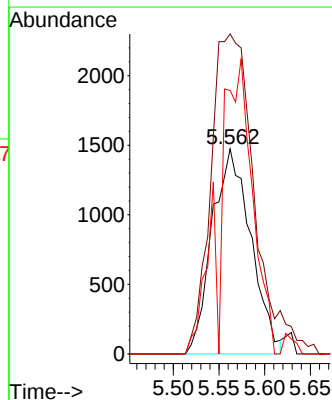
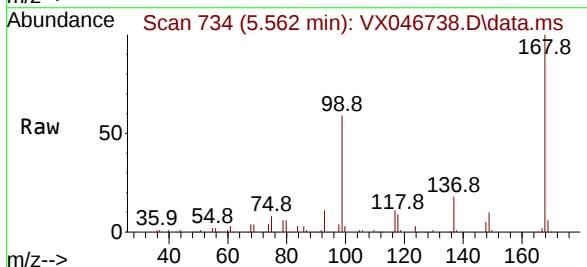
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250616

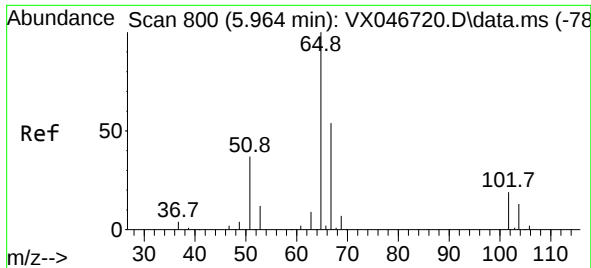
Tgt Ion: 43 Resp: 448
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.030 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

Tgt Ion: 56 Resp: 4335
Ion Ratio Lower Upper
56 100
69 156.0 24.8 37.2#
84 128.5 68.2 102.2#

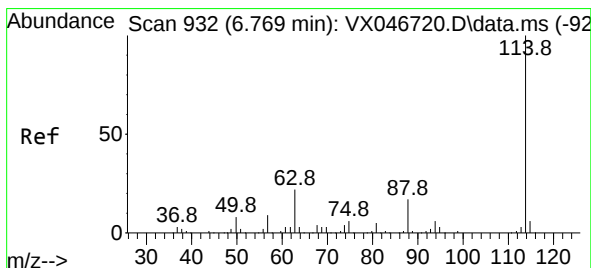
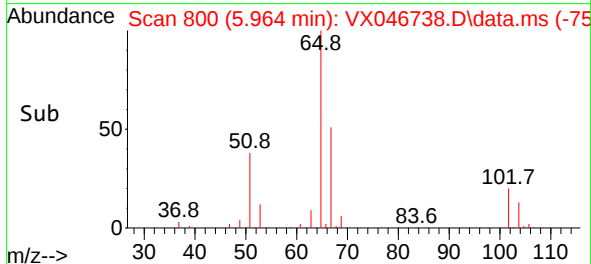
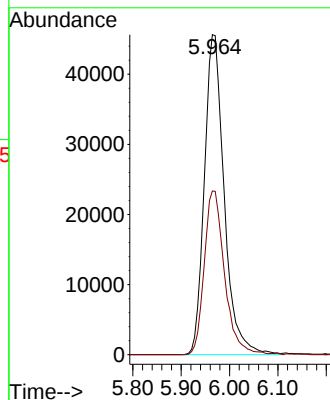
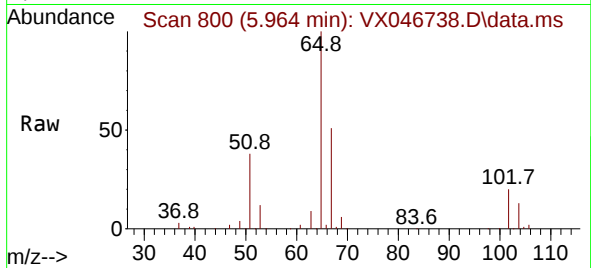




#33
 1,2-Dichloroethane-d4
 Concen: 46.331 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046738.D
 Acq: 18 Jun 2025 13:37

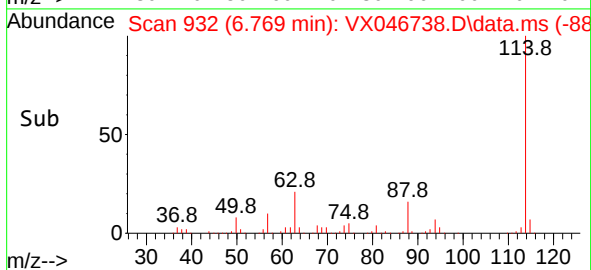
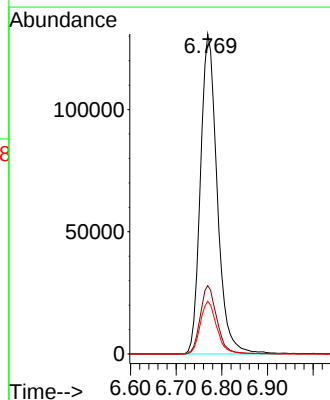
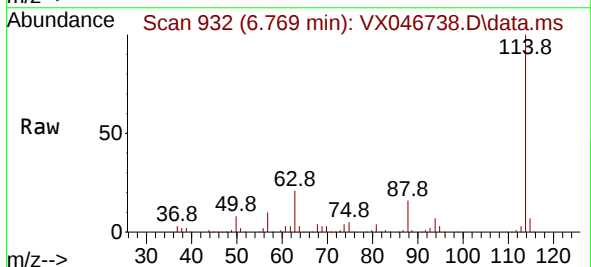
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-3-20250616

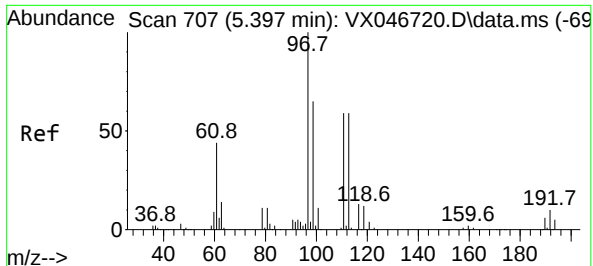
Tgt Ion: 65 Resp: 130171
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046738.D
 Acq: 18 Jun 2025 13:37

Tgt Ion: 114 Resp: 332589
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.2
 88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.643 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046738.D

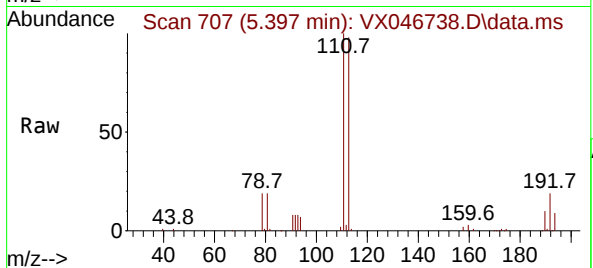
Acq: 18 Jun 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-3-20250616



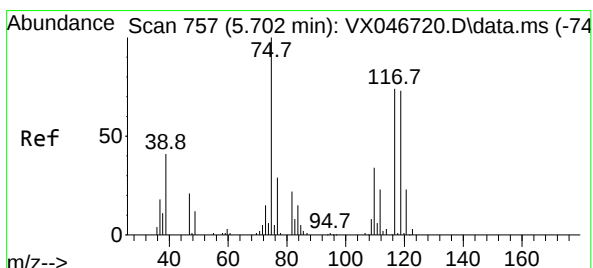
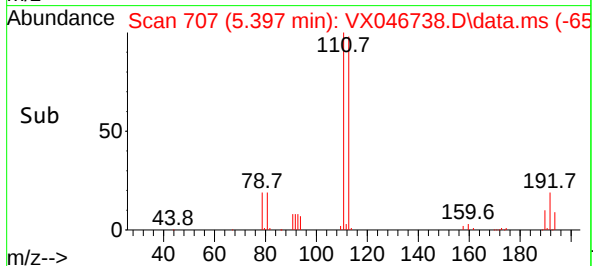
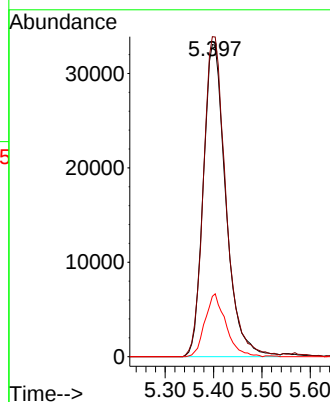
Tgt Ion:113 Resp: 107039

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 18.7 15.3 22.9



#36

1,1-Dichloropropene

Concen: 5.109 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX046738.D

Acq: 18 Jun 2025 13:37

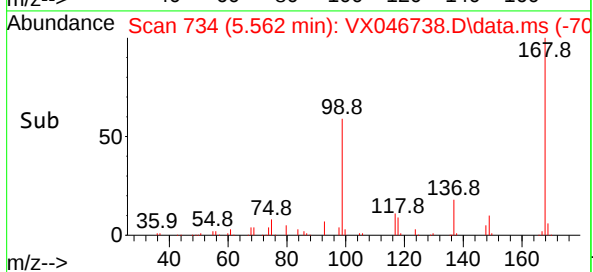
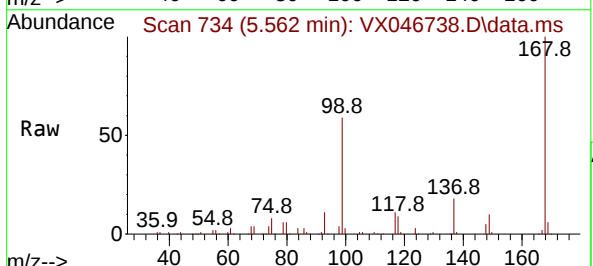
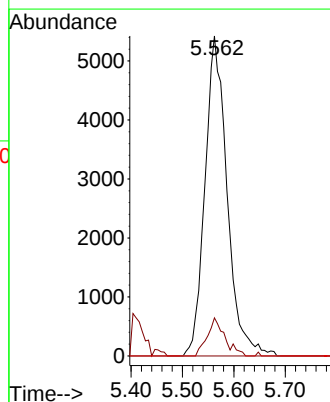
Tgt Ion: 75 Resp: 16228

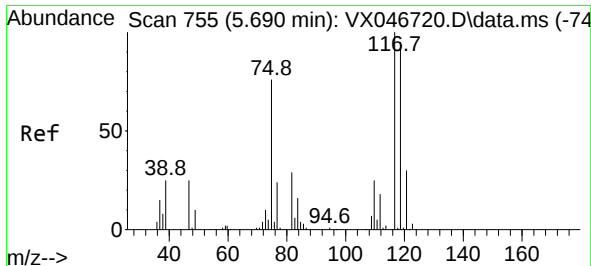
Ion Ratio Lower Upper

75 100

110 9.4 17.2 51.5#

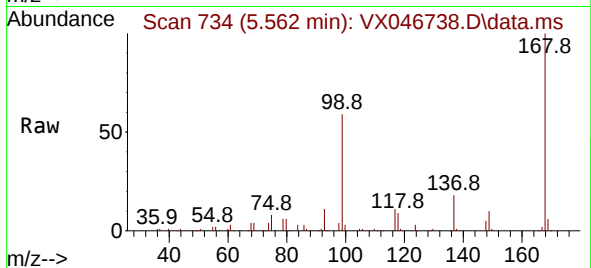
77 0.0 24.2 36.4#



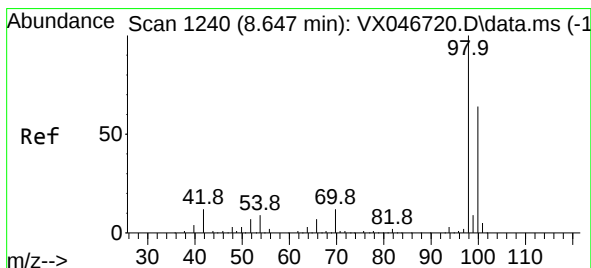
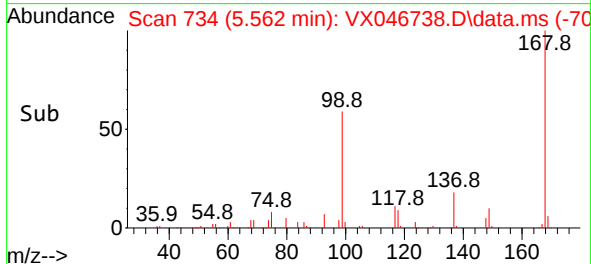
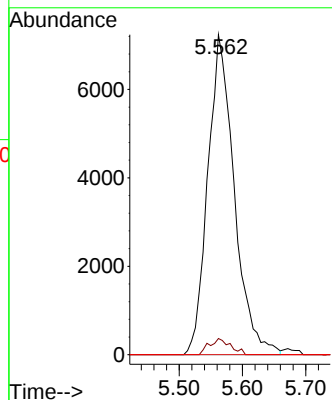


#38
Carbon Tetrachloride
Concen: 6.100 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250616

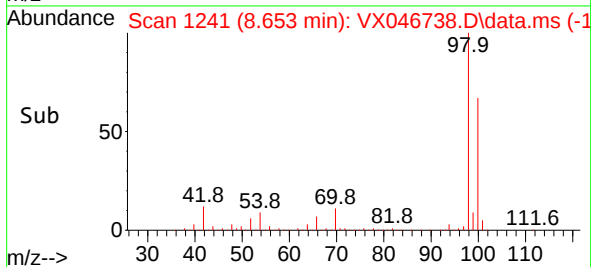
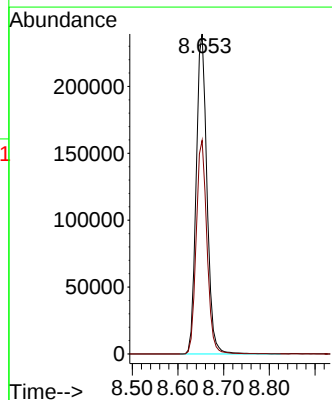
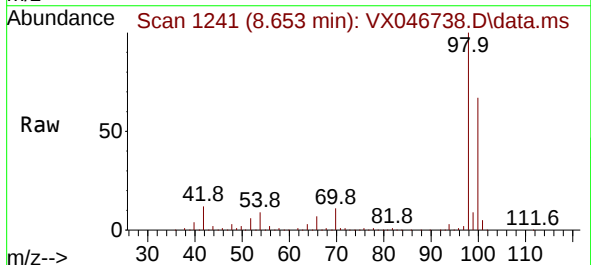


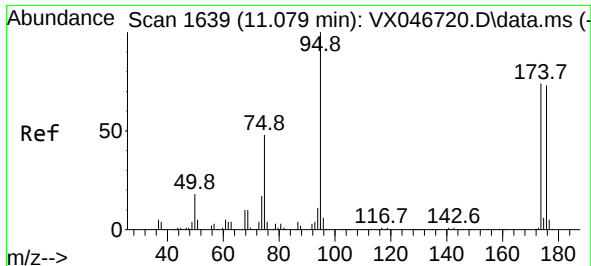
Tgt Ion:117 Resp: 21030
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.499 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

Tgt Ion: 98 Resp: 391335
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 48.100 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046738.D

Acq: 18 Jun 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-3-20250616

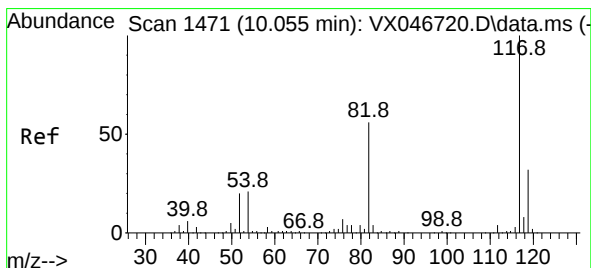
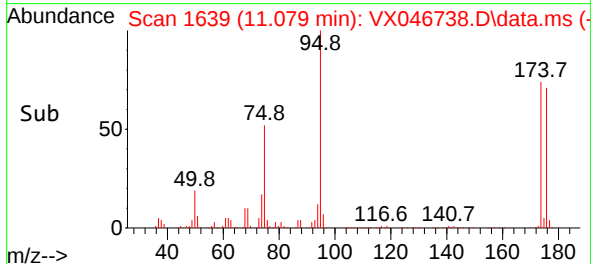
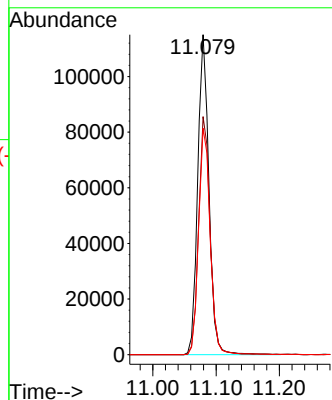
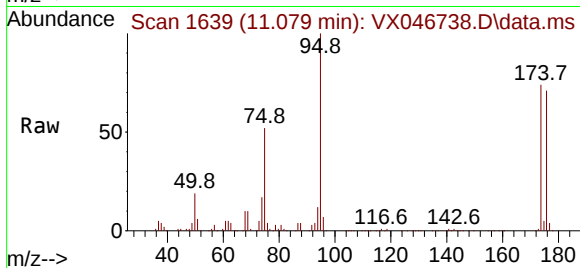
Tgt Ion: 95 Resp: 141753

Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.4

176 73.6 0.0 145.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX046738.D

Acq: 18 Jun 2025 13:37

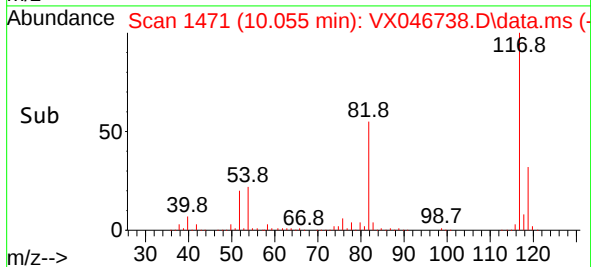
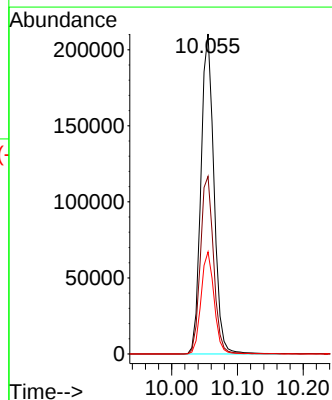
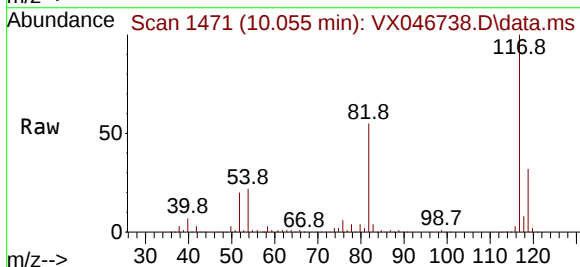
Tgt Ion: 117 Resp: 290067

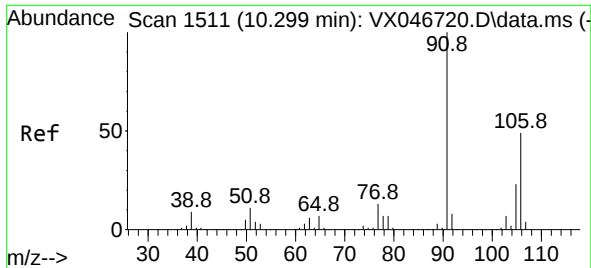
Ion Ratio Lower Upper

117 100

82 55.5 44.6 66.8

119 31.9 25.8 38.8

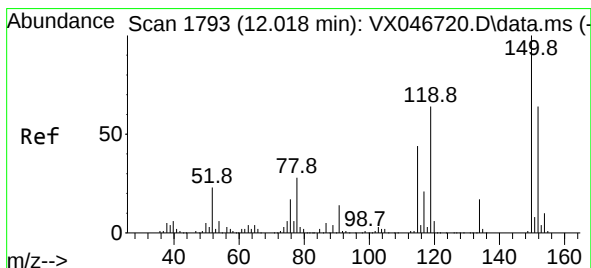
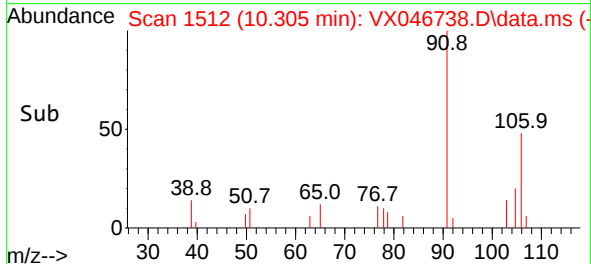
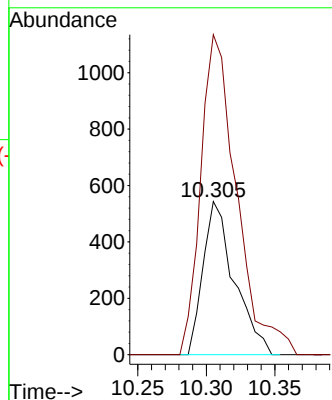
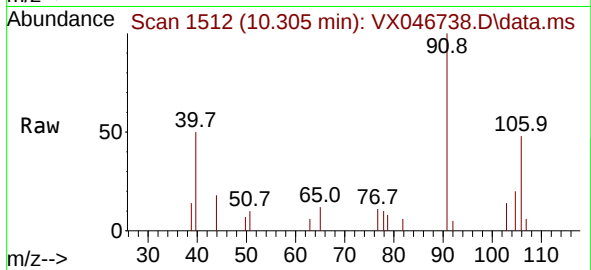




#68
m/p-Xylenes
Concen: 0.207 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

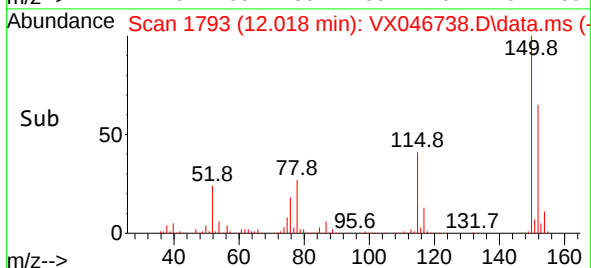
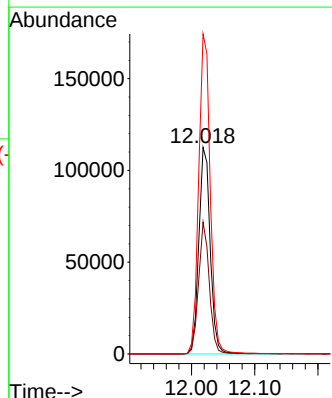
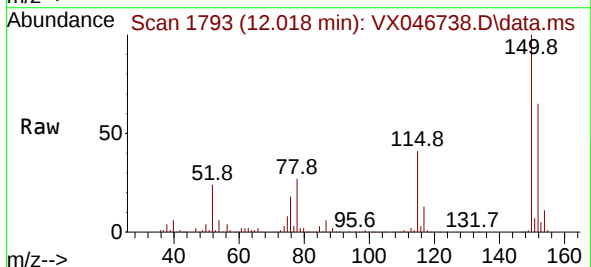
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250616

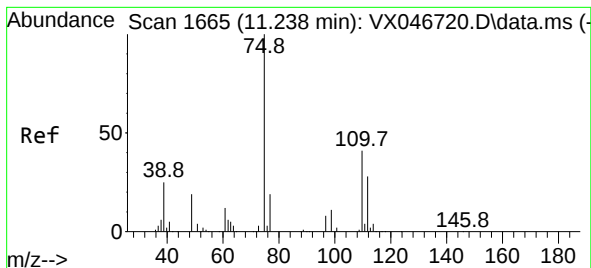
Tgt Ion:106 Resp: 863
Ion Ratio Lower Upper
106 100
91 239.4 164.8 247.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

Tgt Ion:152 Resp: 141430
Ion Ratio Lower Upper
152 100
115 60.2 43.2 129.6
150 156.6 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 28.681 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046738.D

Acq: 18 Jun 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

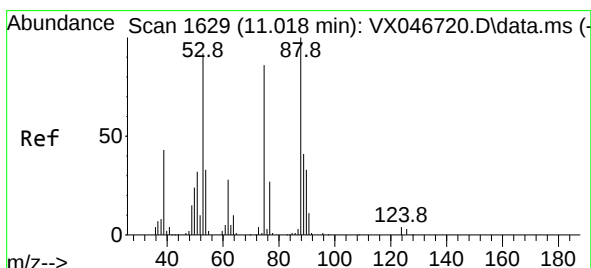
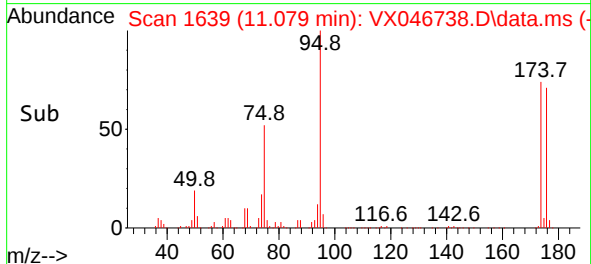
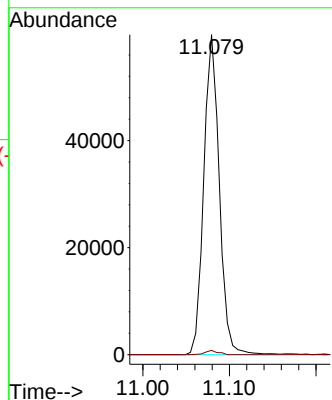
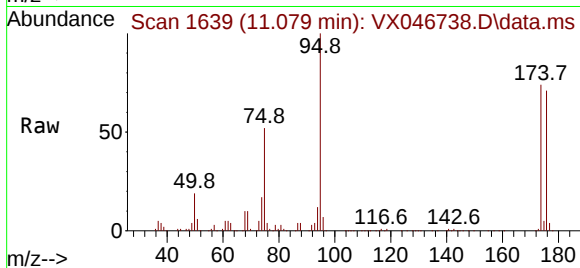
BPOW6-3-20250616

Tgt Ion: 75 Resp: 74292

Ion Ratio Lower Upper

75 100

77 1.1 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.068 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046738.D

Acq: 18 Jun 2025 13:37

Tgt Ion: 75 Resp: 74292

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

89 0.0 36.9 55.3#

