

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046736.D
 Acq On : 18 Jun 2025 12:54
 Operator : JC/MD
 Sample : Q2345-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-2-20250616

Quant Time: Jun 19 01:23:06 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)

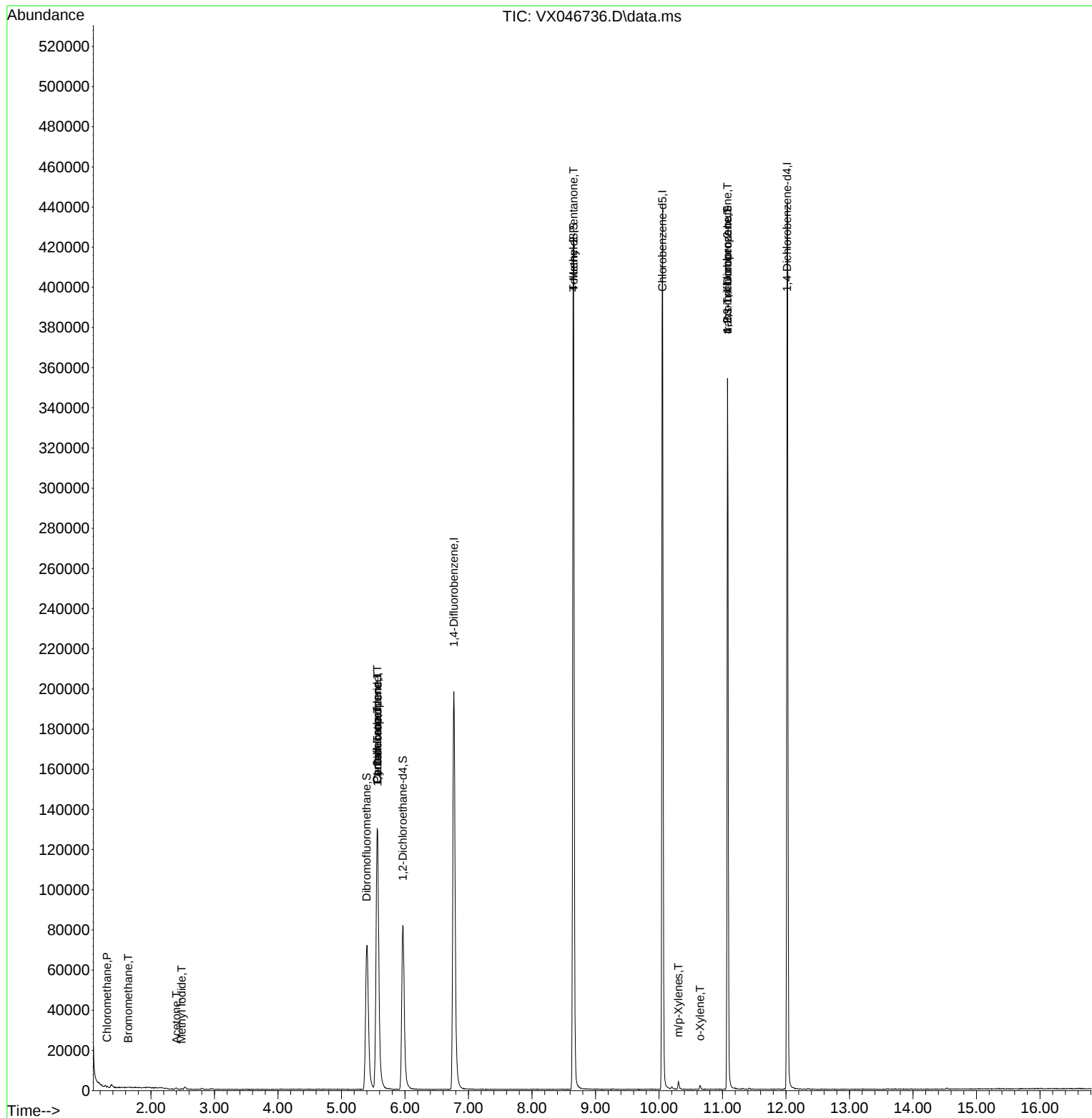
Internal Standards						
1) Pentafluorobenzene	5.562	168	133570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	218146	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	88131	47.703	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.400%		
35) Dibromofluoromethane	5.397	113	71103	49.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.520%		
50) Toluene-d8	8.653	98	258731	49.895	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.780%		
62) 4-Bromofluorobenzene	11.079	95	95051	49.173	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.340%		
Target Compounds						Qvalue
3) Chloromethane	1.307	50	430	0.279	ug/l #	61
5) Bromomethane	1.642	94	198	0.214	ug/l #	4
10) Methyl Iodide	2.483	142	332	4.492	ug/l #	91
16) Acetone	2.398	43	797	1.294	ug/l #	81
31) Cyclohexane	5.562	56	2636	0.953	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	10335	4.960	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13824	6.114	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1159	0.646	ug/l #	1
68) m/p-Xylenes	10.305	106	1060	0.379	ug/l	96
69) o-Xylene	10.647	106	577	0.220	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	49149	28.807	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	49149	81.427	ug/l #	7

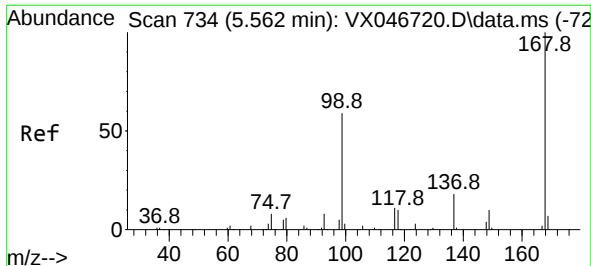
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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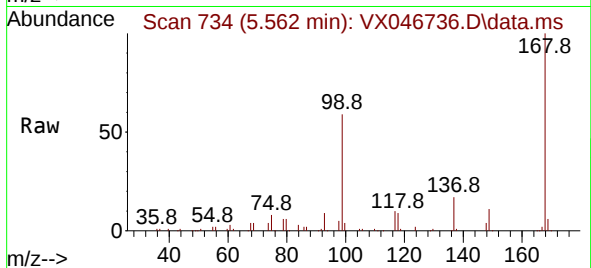
Quant Time: Jun 19 01:23:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



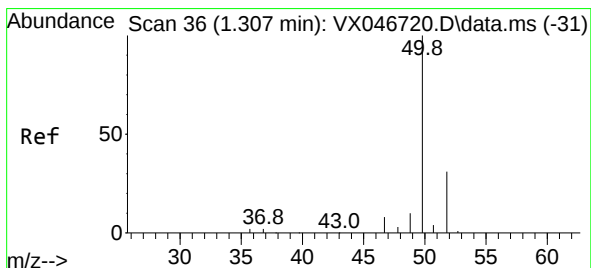
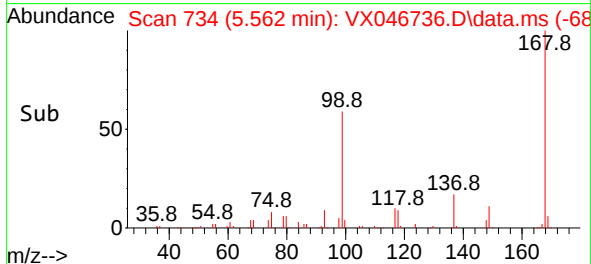
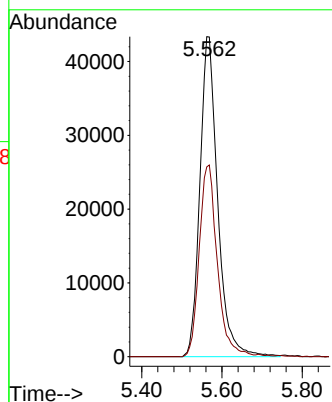


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

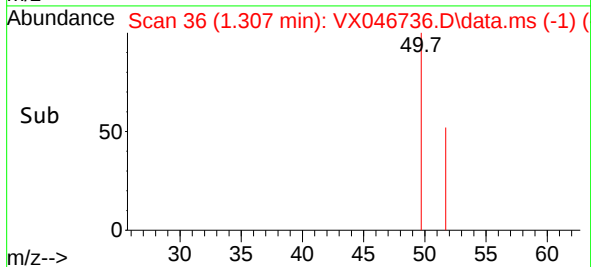
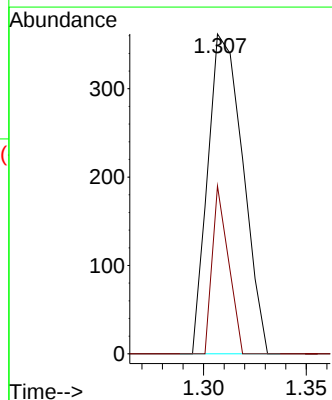
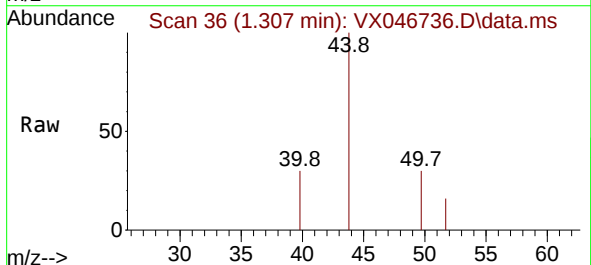


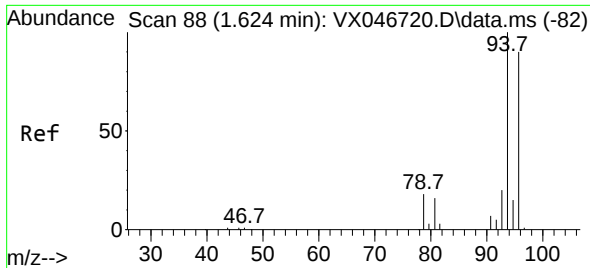
Tgt Ion:168 Resp: 133570
Ion Ratio Lower Upper
168 100
99 59.3 48.5 72.7



#3
Chloromethane
Concen: 0.279 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion: 50 Resp: 430
Ion Ratio Lower Upper
50 100
52 52.5 24.9 37.3#

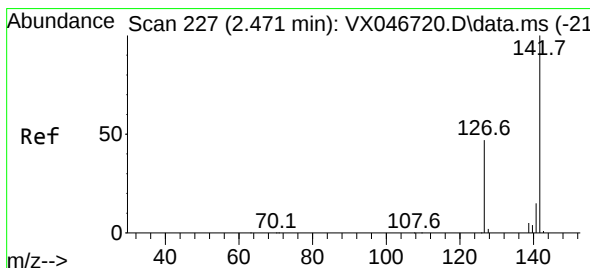
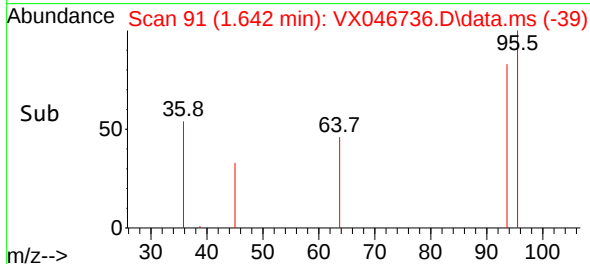
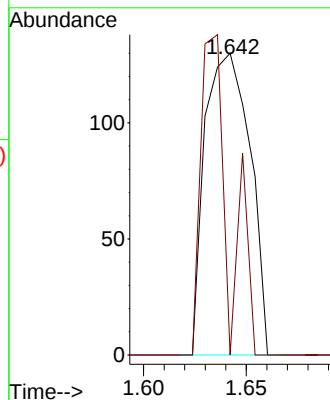
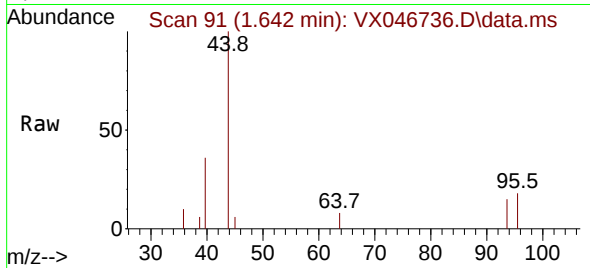




#5
Bromomethane
Concen: 0.214 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

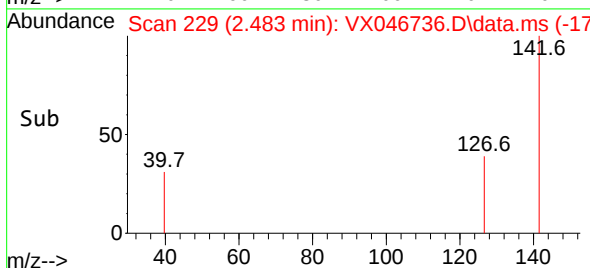
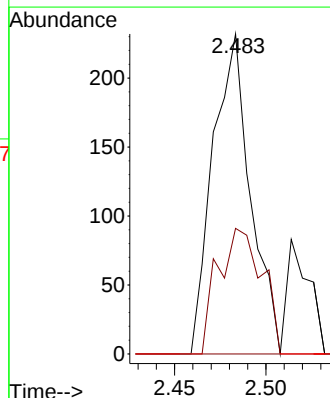
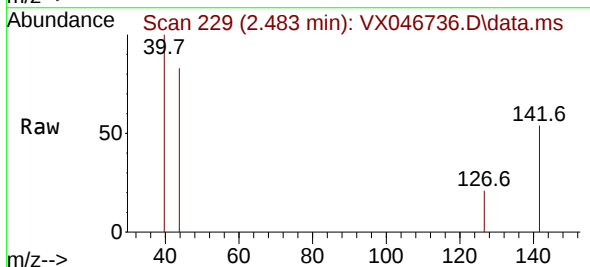
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

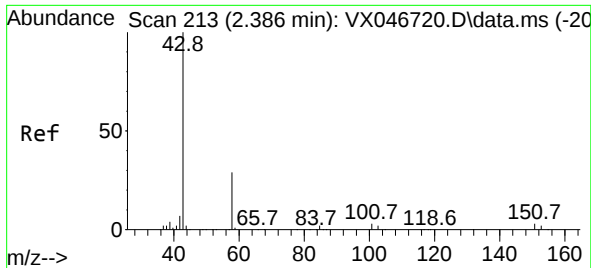
Tgt Ion: 94 Resp: 198
Ion Ratio Lower Upper
94 100
96 0.0 72.3 108.5#



#10
Methyl Iodide
Concen: 4.492 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion:142 Resp: 332
Ion Ratio Lower Upper
142 100
127 46.1 37.0 55.6
141 0.0 11.5 17.3#

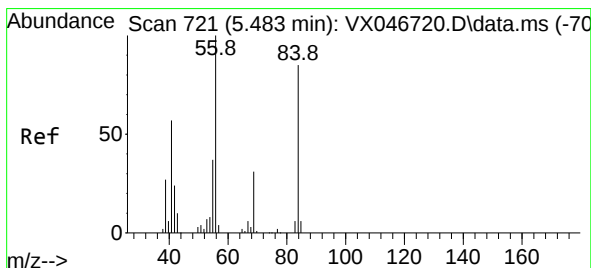
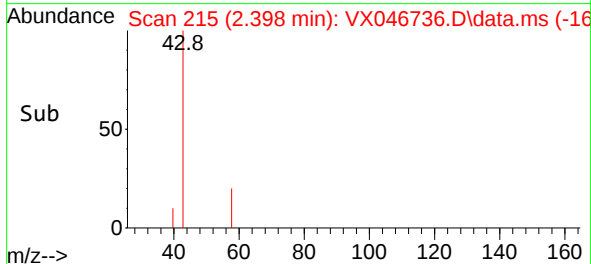
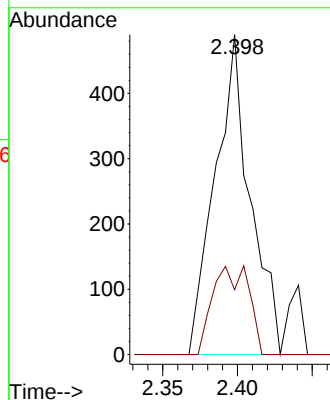
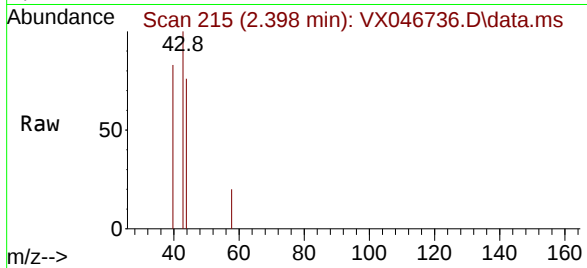




#16
Acetone
Concen: 1.294 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

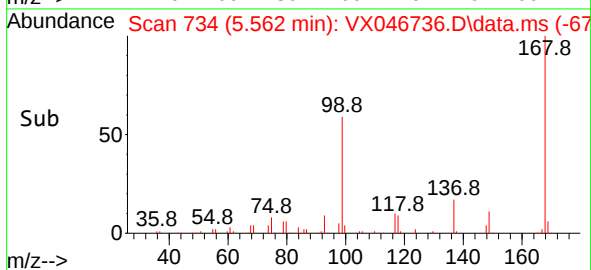
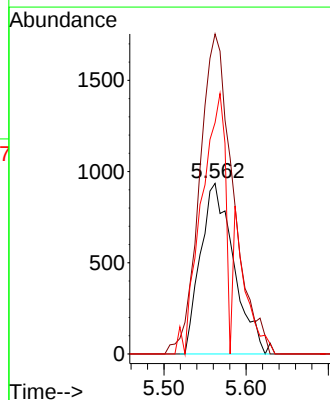
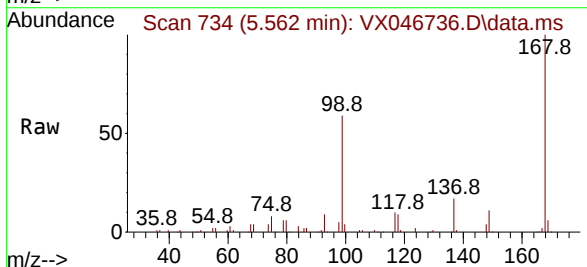
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

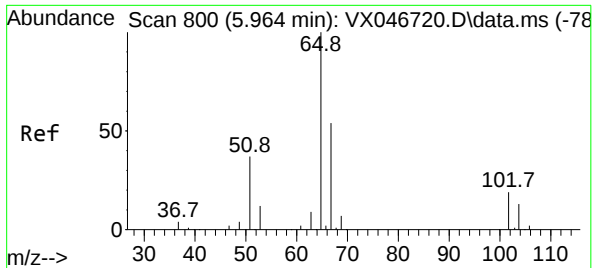
Tgt Ion: 43 Resp: 797
Ion Ratio Lower Upper
43 100
58 20.2 24.5 36.7#



#31
Cyclohexane
Concen: 0.953 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion: 56 Resp: 2636
Ion Ratio Lower Upper
56 100
69 187.6 24.8 37.2#
84 135.6 68.2 102.2#

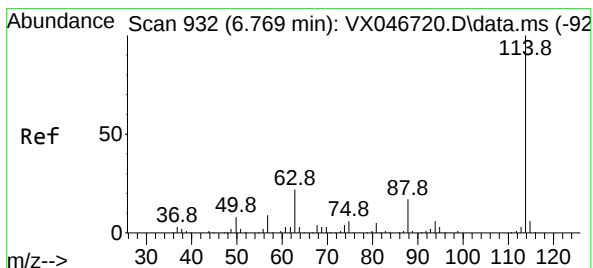
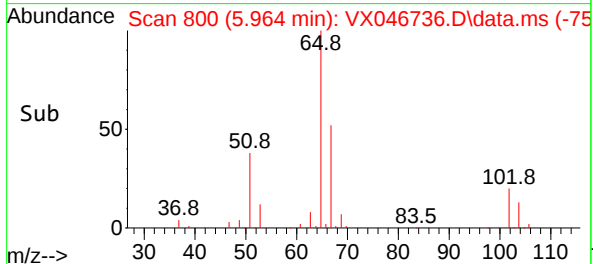
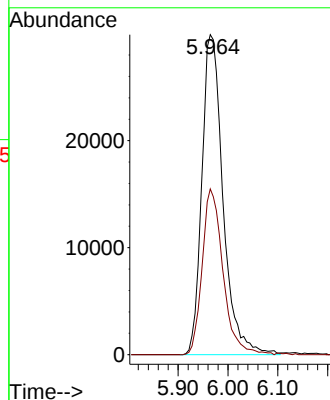
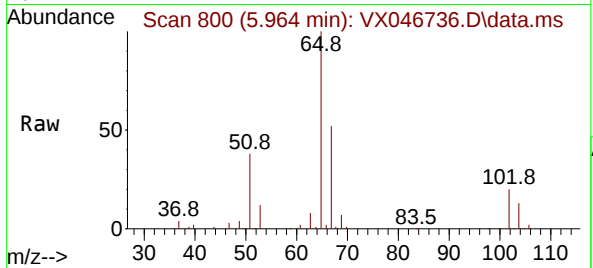




#33
 1,2-Dichloroethane-d4
 Concen: 47.703 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX046736.D
 Acq: 18 Jun 2025 12:54

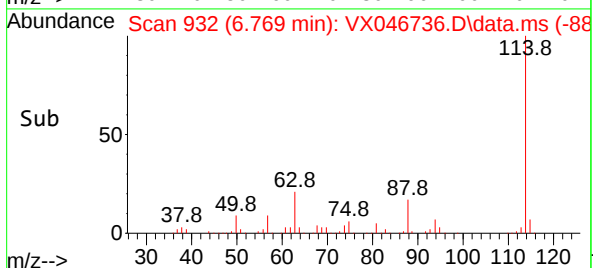
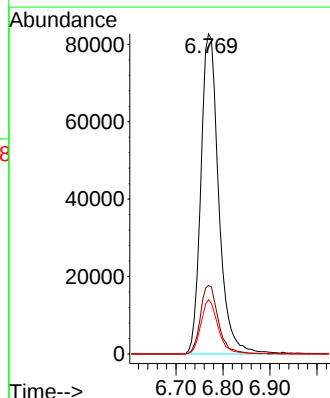
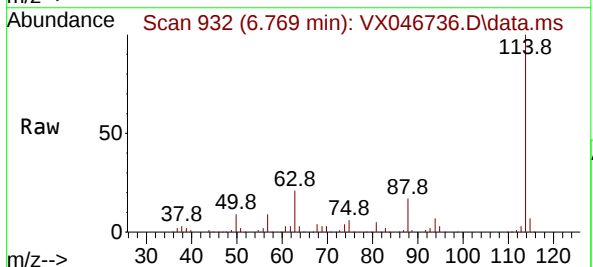
Instrument :
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 ClientSampleId :
 BPOW6-2-20250616

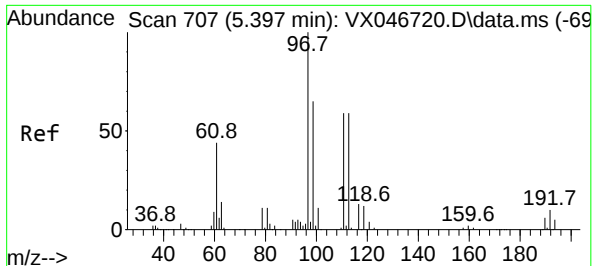
Tgt Ion: 65 Resp: 88131
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046736.D
 Acq: 18 Jun 2025 12:54

Tgt Ion: 114 Resp: 218146
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.2
 88 16.9 0.0 33.2

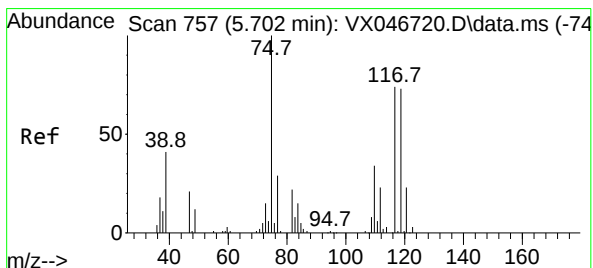
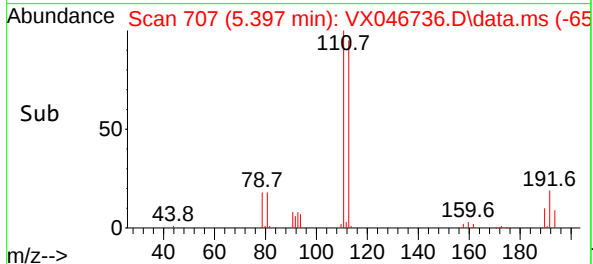
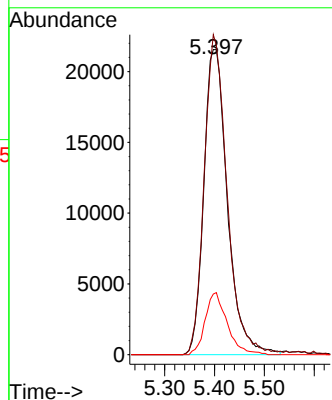
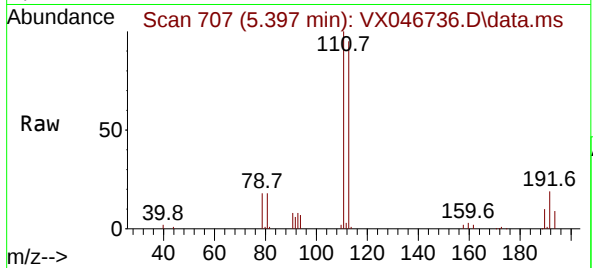




#35
Dibromofluoromethane
Concen: 49.263 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

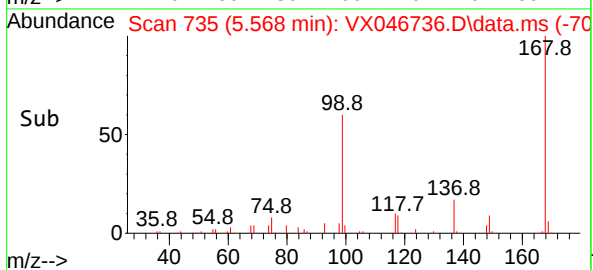
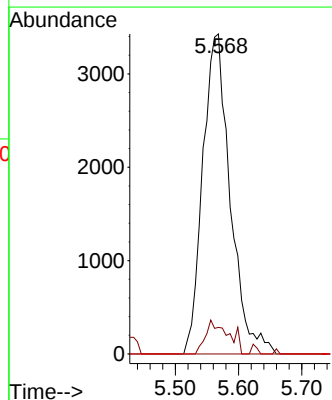
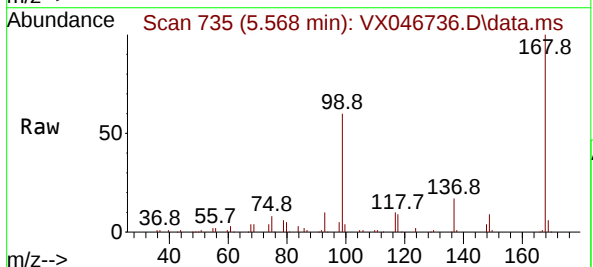
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

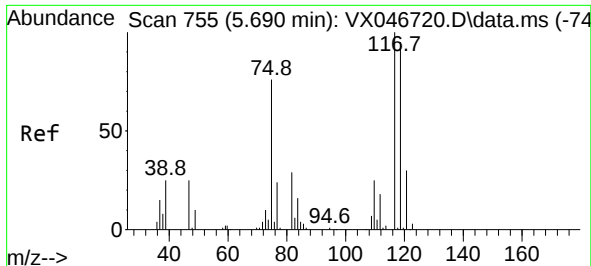
Tgt Ion:113 Resp: 71103
Ion Ratio Lower Upper
113 100
111 101.6 82.0 123.0
192 19.0 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.960 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

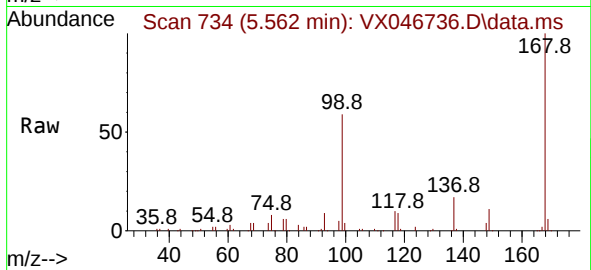
Tgt Ion: 75 Resp: 10335
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.5#
77 0.0 24.2 36.4#



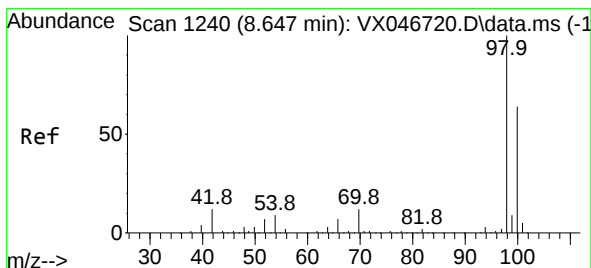
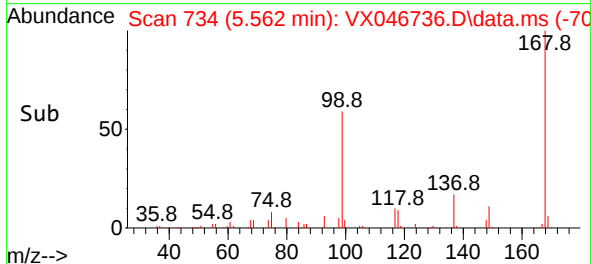
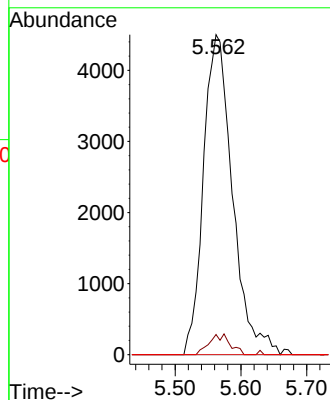


#38
Carbon Tetrachloride
Concen: 6.114 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

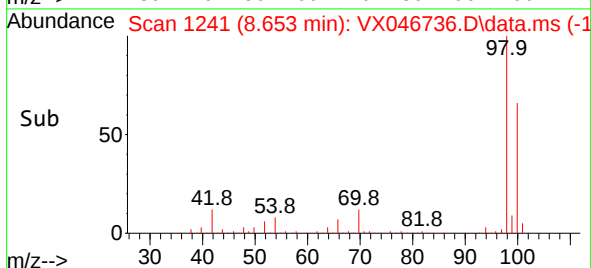
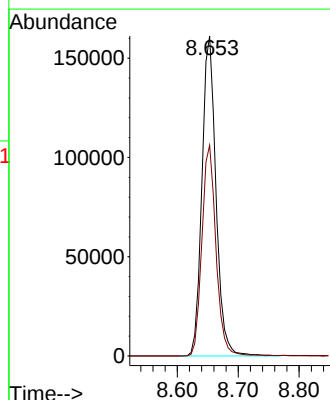
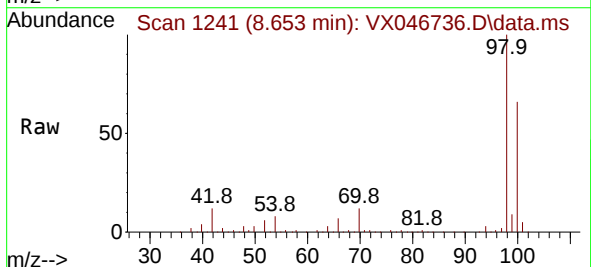


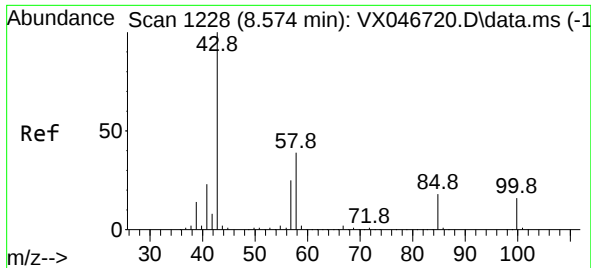
Tgt Ion:117 Resp: 13824
Ion Ratio Lower Upper
117 100
119 6.3 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.895 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion: 98 Resp: 258731
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

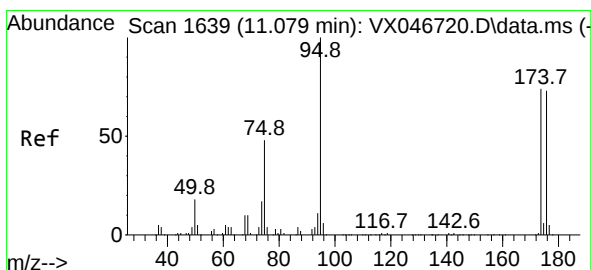
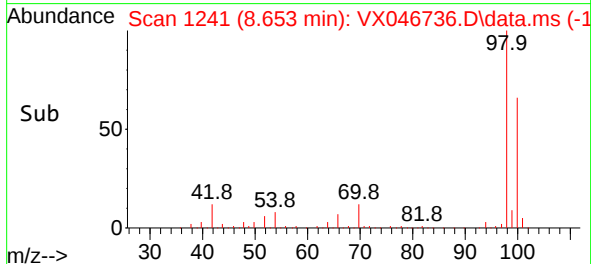
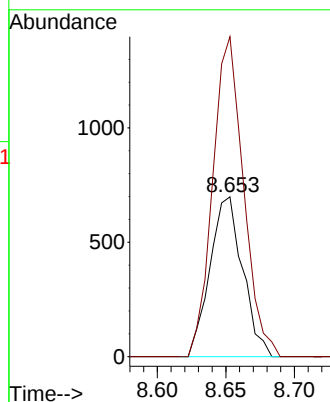
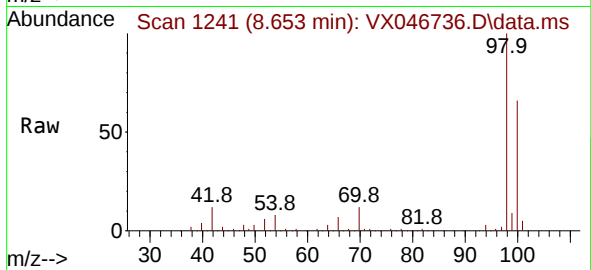




#51
4-Methyl-2-Pentanone
Concen: 0.646 ug/l
RT: 8.653 min Scan# 1159
Delta R.T. 0.079 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

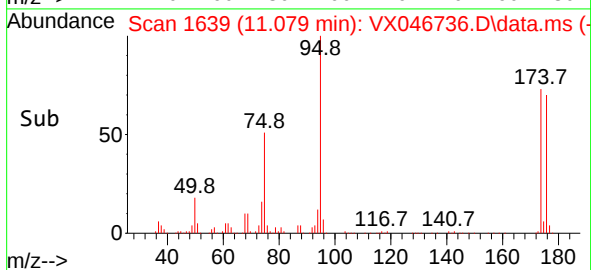
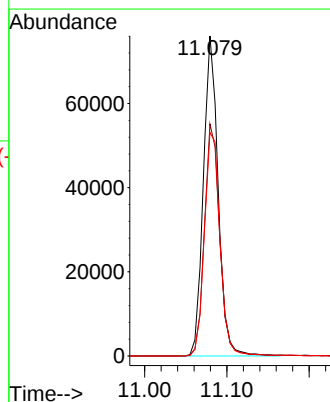
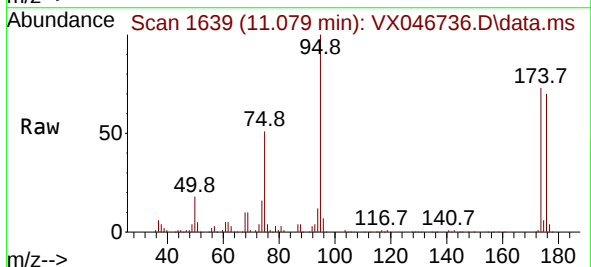
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

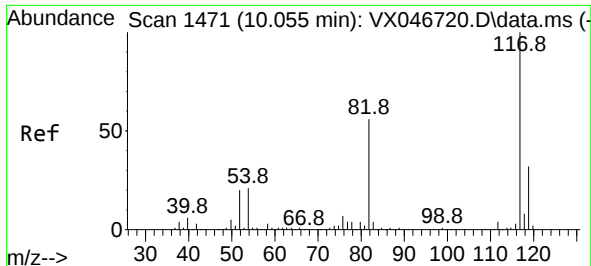
Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
58 188.6 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 49.173 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion: 95 Resp: 95051
Ion Ratio Lower Upper
95 100
174 74.7 0.0 150.4
176 73.9 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: VX046736.D

Acq: 18 Jun 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-2-20250616

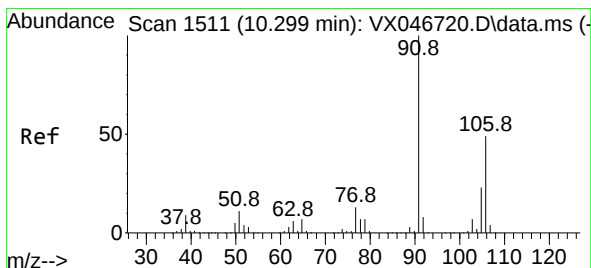
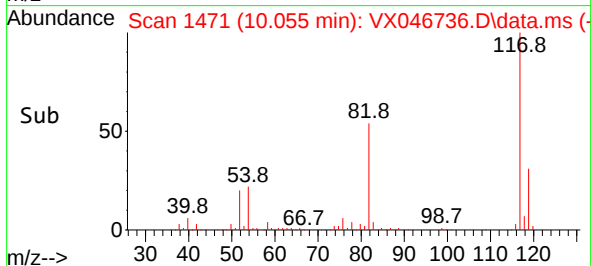
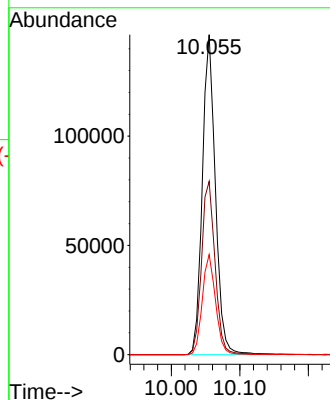
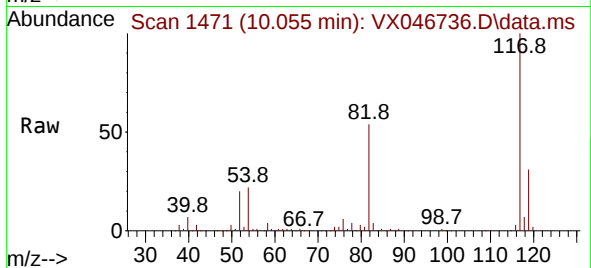
Tgt Ion:117 Resp: 194756

Ion Ratio Lower Upper

117 100

82 54.1 44.6 66.8

119 31.3 25.8 38.8



#68

m/p-Xylenes

Concen: 0.379 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046736.D

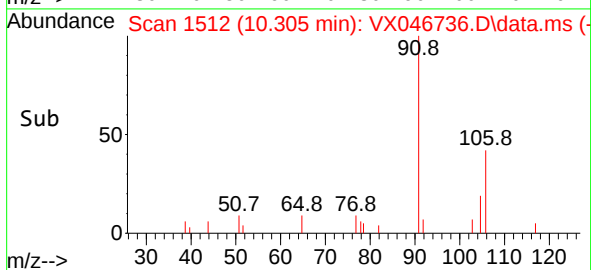
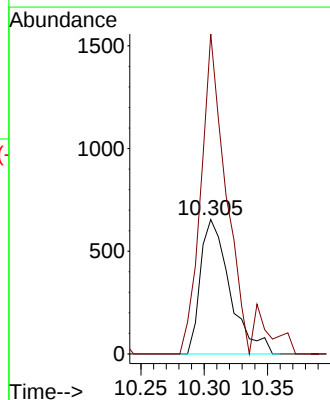
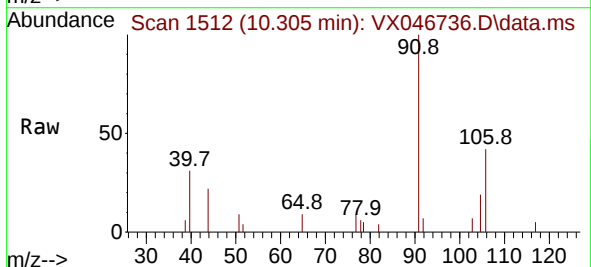
Acq: 18 Jun 2025 12:54

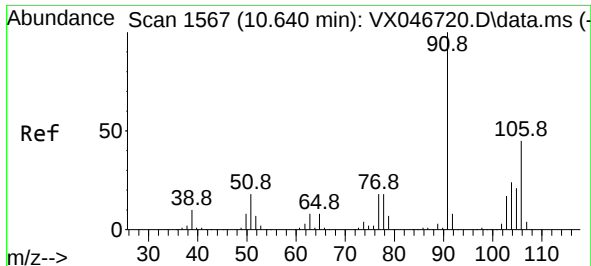
Tgt Ion:106 Resp: 1060

Ion Ratio Lower Upper

106 100

91 200.4 164.8 247.2

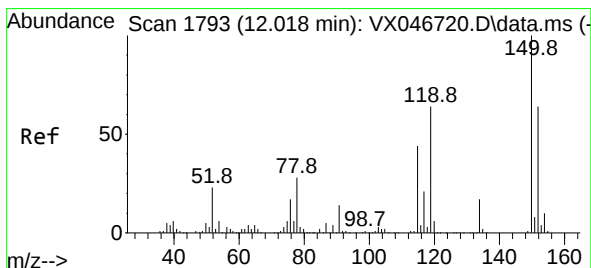
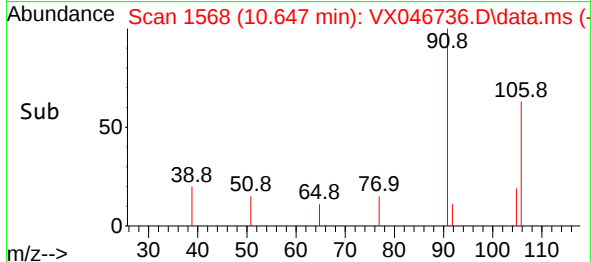
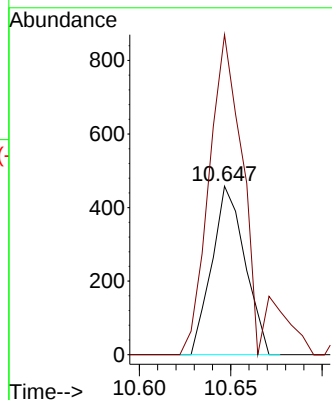
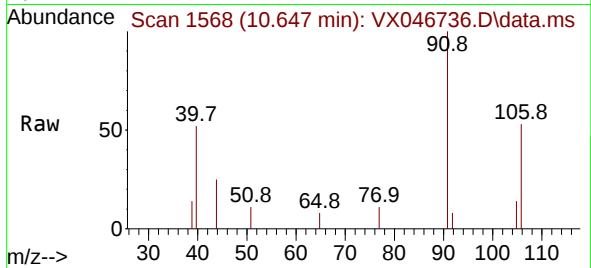




#69
o-Xylene
Concen: 0.220 ug/l
RT: 10.647 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

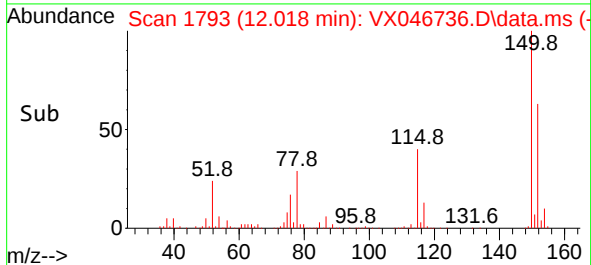
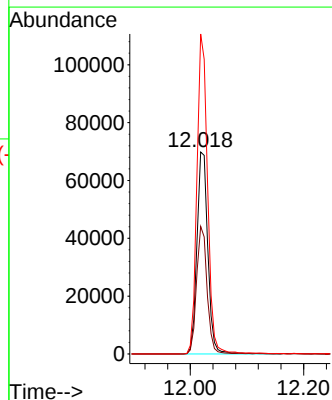
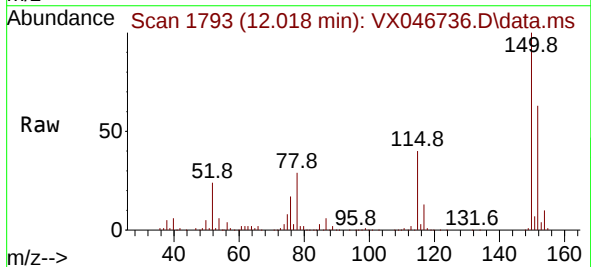
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

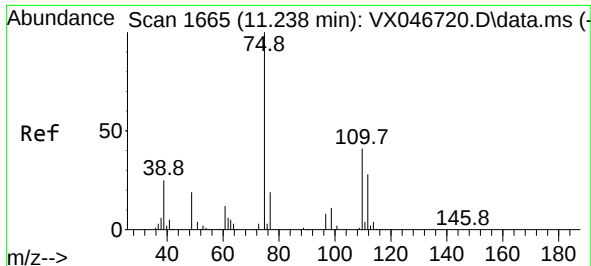
Tgt Ion:106 Resp: 577
Ion Ratio Lower Upper
106 100
91 213.0 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion:152 Resp: 93153
Ion Ratio Lower Upper
152 100
115 61.0 43.2 129.6
150 155.0 0.0 346.8

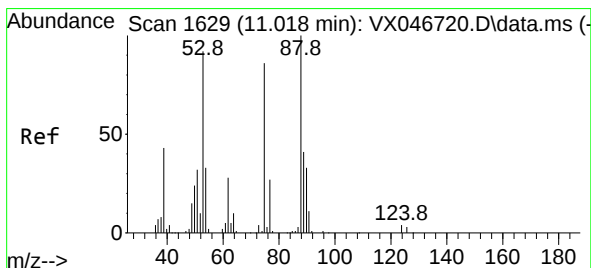
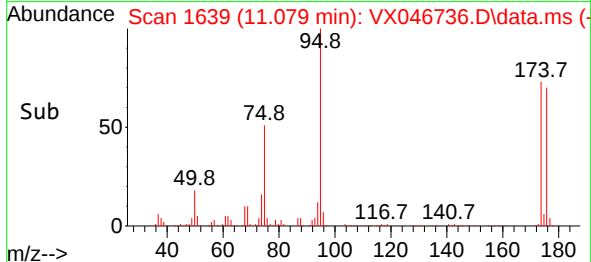
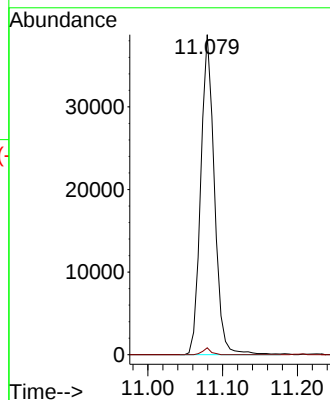
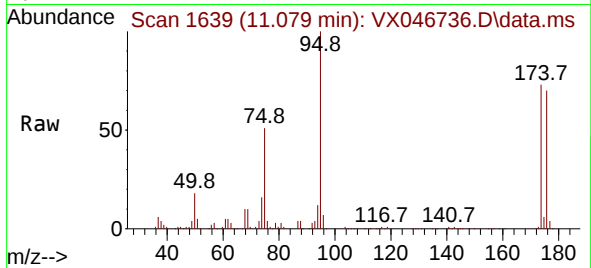




#76
1,2,3-Trichloropropane
Concen: 28.807 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

Tgt Ion: 75 Resp: 49149
Ion Ratio Lower Upper
75 100
77 1.3 18.5 55.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.427 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion: 75 Resp: 49149
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

