

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046741.D
 Acq On : 18 Jun 2025 14:41
 Operator : JC/MD
 Sample : Q2345-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-10-20250616

Quant Time: Jun 19 01:24:55 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)

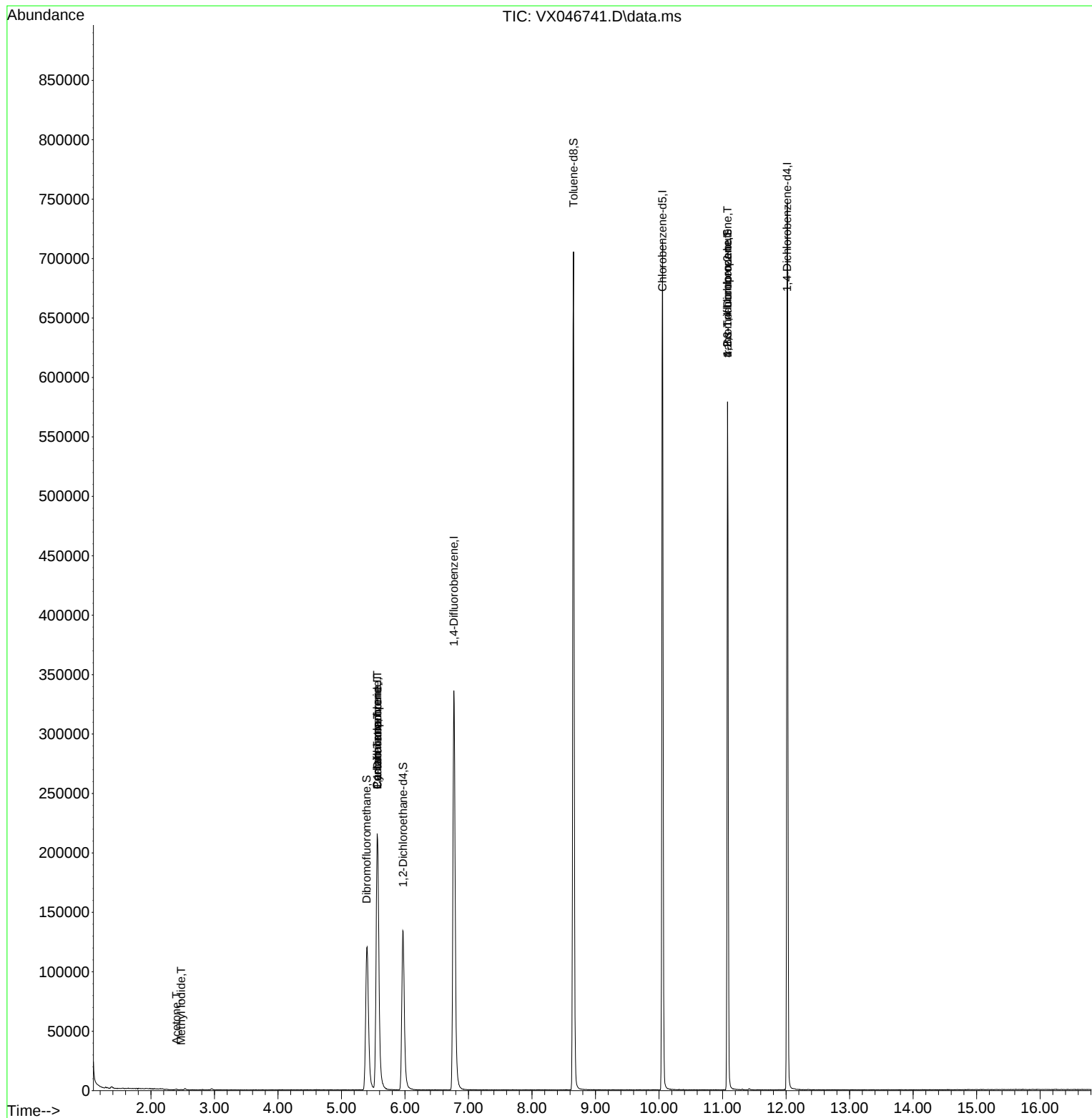
Internal Standards						
1) Pentafluorobenzene	5.562	168	221164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	359780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	151979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	141476	46.248	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.500%
35) Dibromofluoromethane	5.397	113	116221	48.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.640%
50) Toluene-d8	8.653	98	422168	49.363	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	11.079	95	155379	48.739	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.480%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.477	142	284	4.415	ug/l #	64
16) Acetone	2.398	43	802	0.786	ug/l #	86
31) Cyclohexane	5.562	56	4555	0.994	ug/l #	4
36) 1,1-Dichloropropene	5.562	75	17897	5.208	ug/l #	51
38) Carbon Tetrachloride	5.562	117	23185	6.217	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	79836	28.682	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	79836	81.071	ug/l #	7

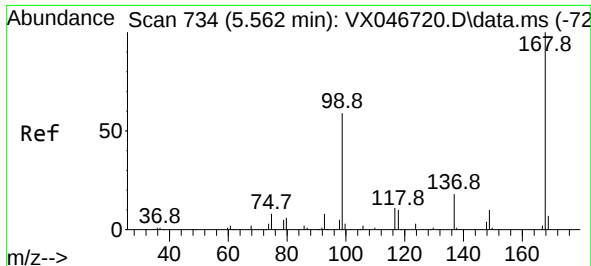
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BPOW6-10-20250616

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Response via : Initial Calibration

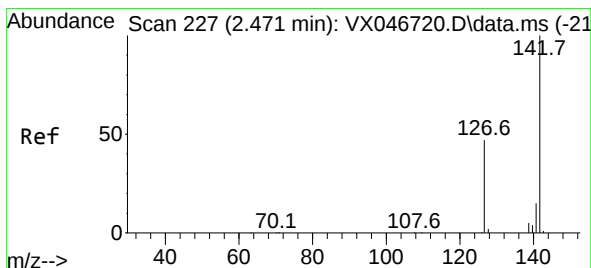
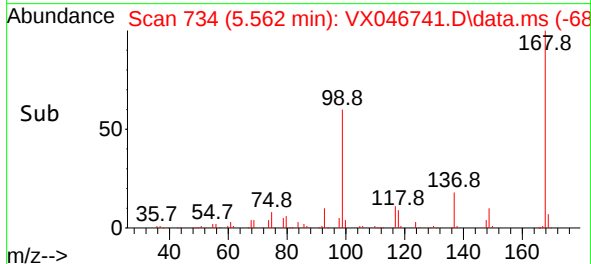
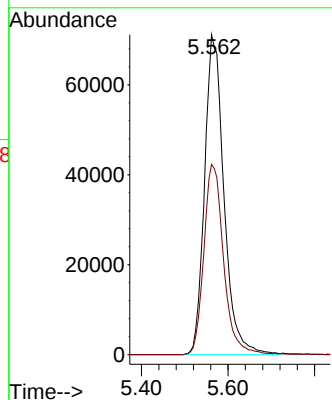
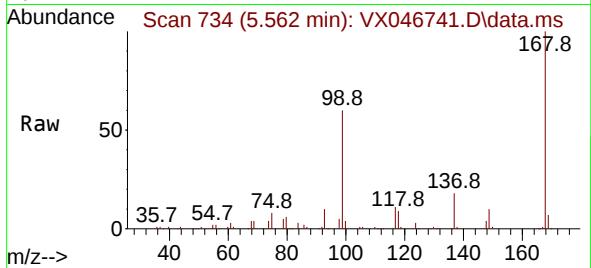




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

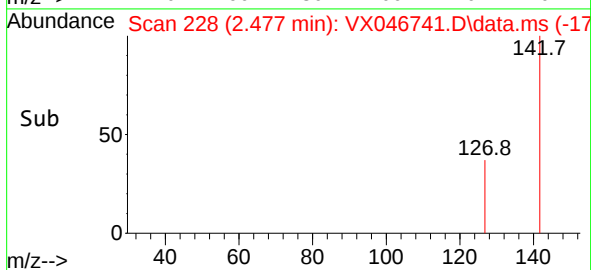
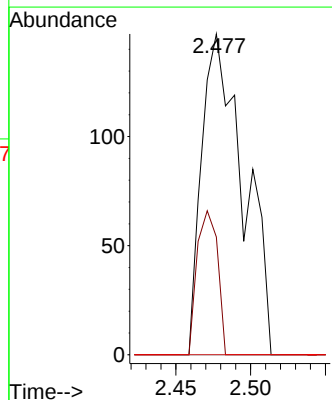
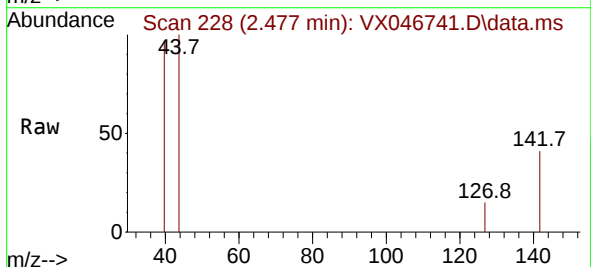
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250616

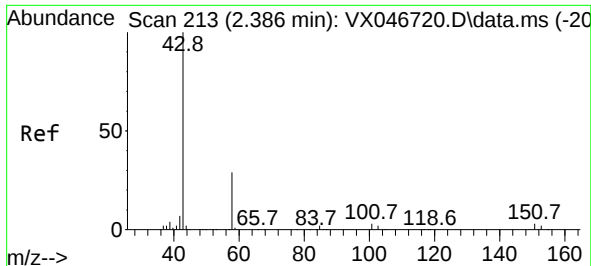
Tgt Ion:168 Resp: 221164
Ion Ratio Lower Upper
168 100
99 59.5 48.5 72.7



#10
Methyl Iodide
Concen: 4.415 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Tgt Ion:142 Resp: 284
Ion Ratio Lower Upper
142 100
127 22.2 37.0 55.6#
141 0.0 11.5 17.3#

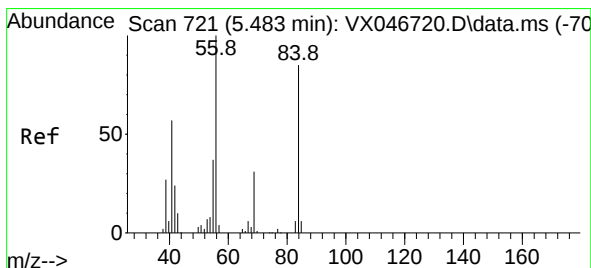
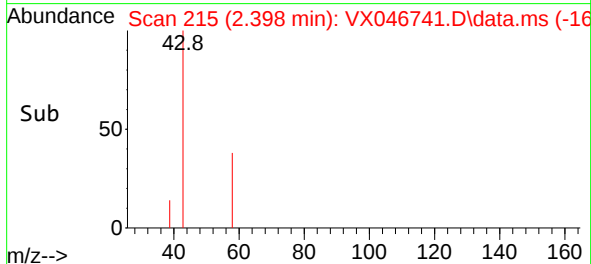
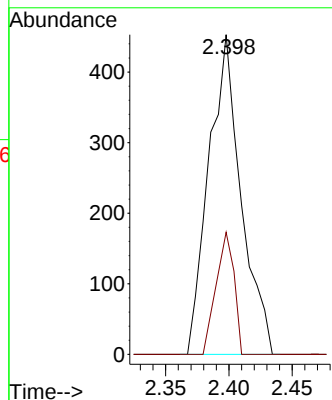
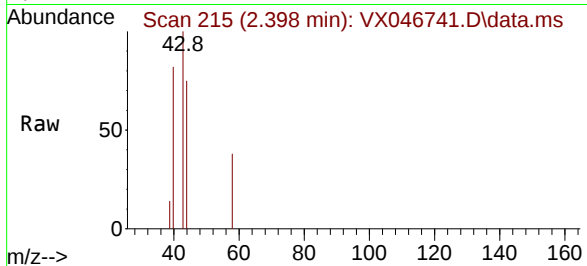




#16
Acetone
Concen: 0.786 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

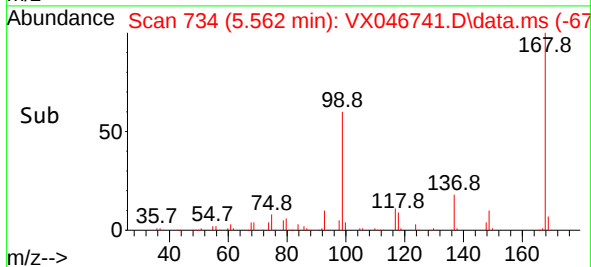
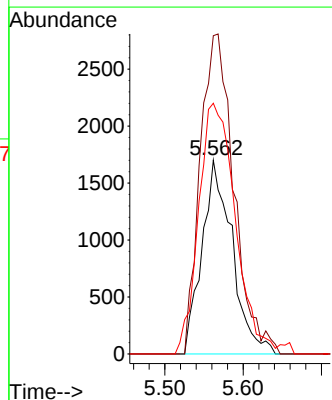
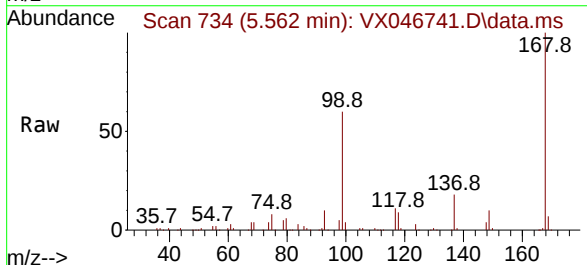
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250616

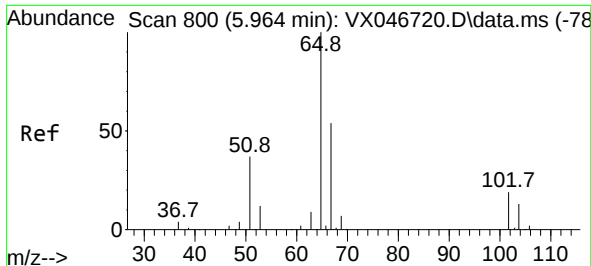
Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 38.2 24.5 36.7#



#31
Cyclohexane
Concen: 0.994 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Tgt Ion: 56 Resp: 4555
Ion Ratio Lower Upper
56 100
69 164.2 24.8 37.2#
84 124.6 68.2 102.2#

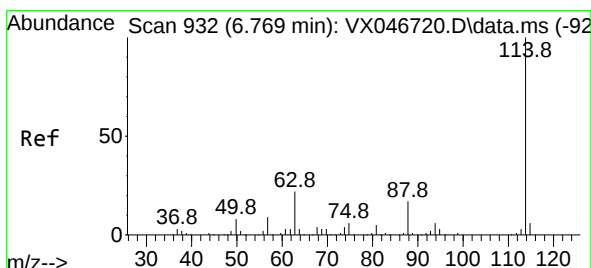
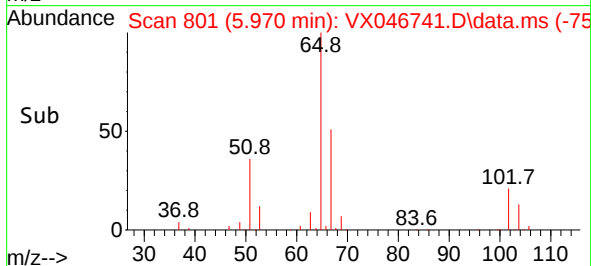
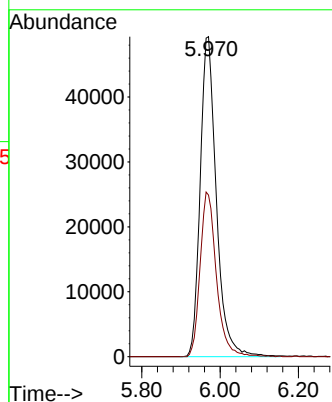
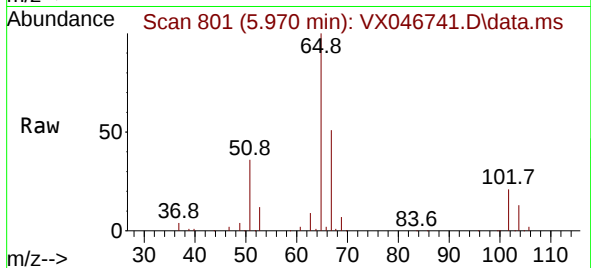




#33
1,2-Dichloroethane-d4
Concen: 46.248 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

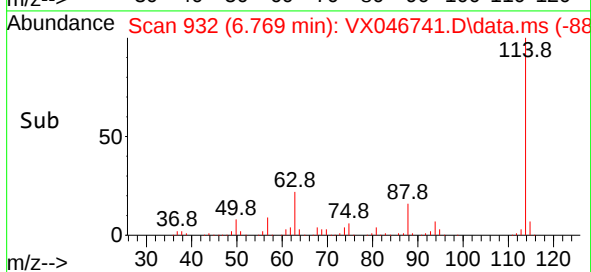
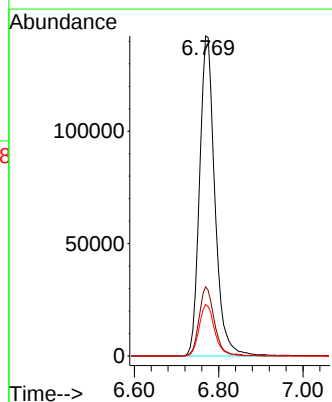
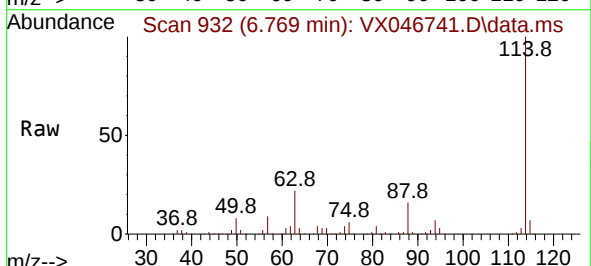
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250616

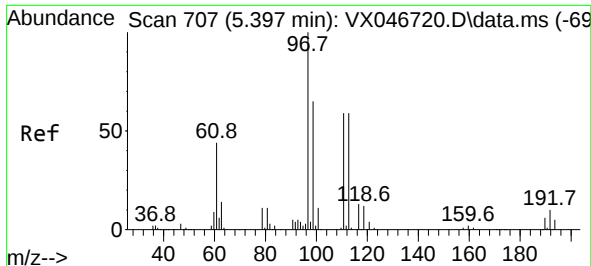
Tgt Ion: 65 Resp: 141476
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Tgt Ion: 114 Resp: 359780
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.2
88 16.1 0.0 33.2

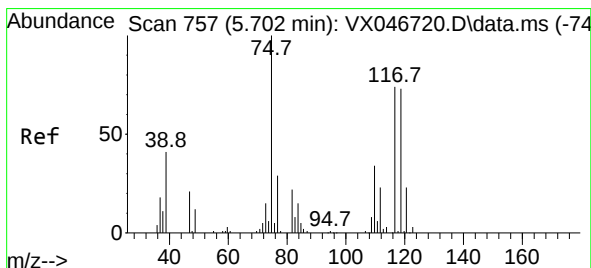
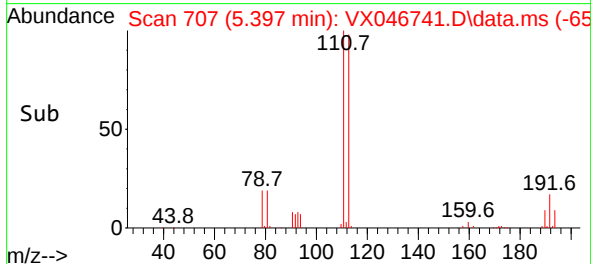
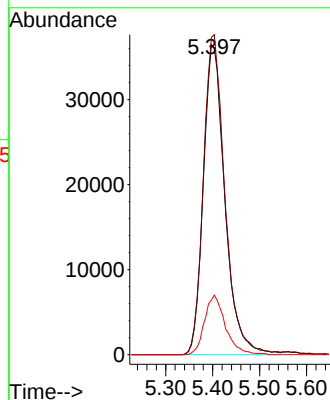
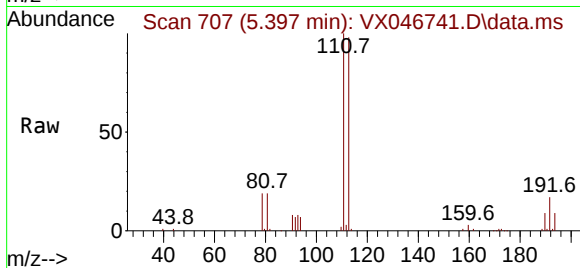




#35
Dibromofluoromethane
Concen: 48.824 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

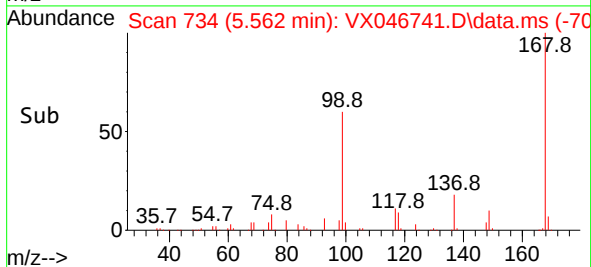
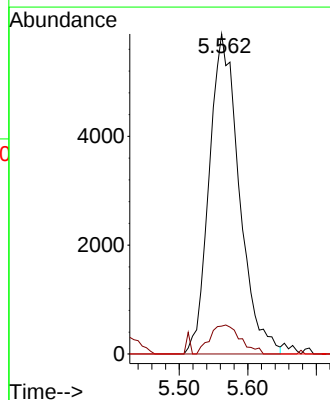
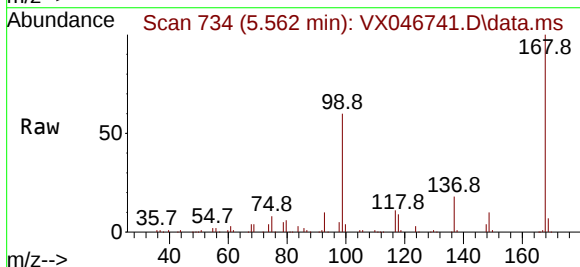
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250616

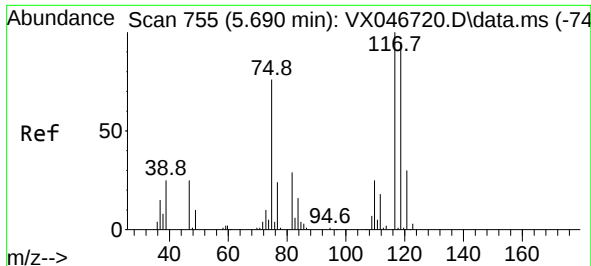
Tgt Ion:113 Resp: 116221
Ion Ratio Lower Upper
113 100
111 102.6 82.0 123.0
192 18.6 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.208 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

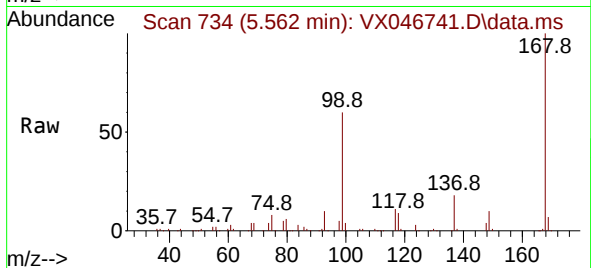
Tgt Ion: 75 Resp: 17897
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.5#
77 0.0 24.2 36.4#



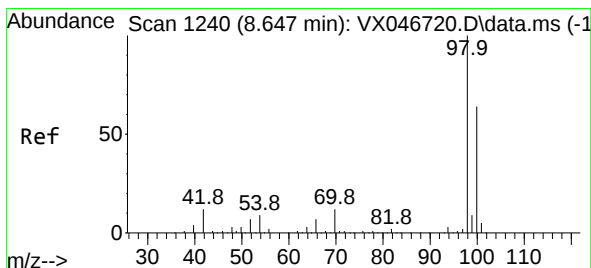
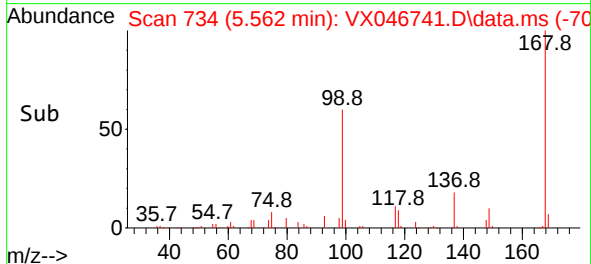
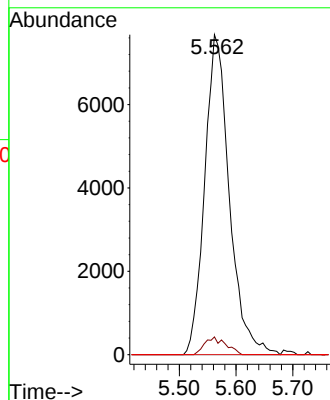


#38
Carbon Tetrachloride
Concen: 6.217 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250616

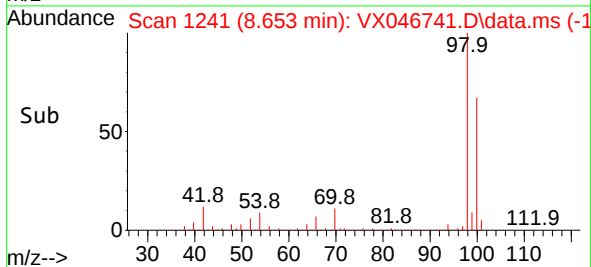
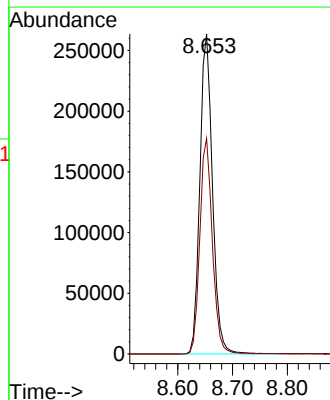
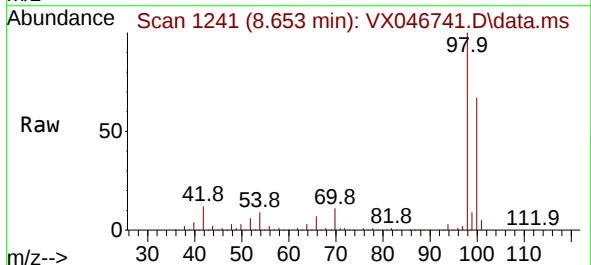


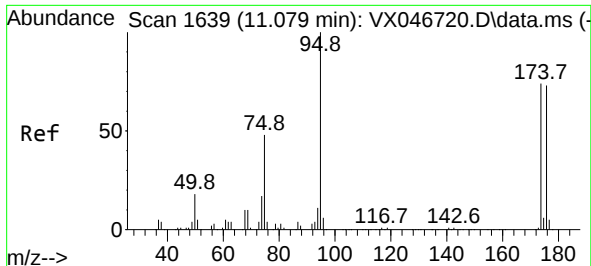
Tgt Ion:117 Resp: 23185
Ion Ratio Lower Upper
117 100
119 5.5 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.363 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Tgt Ion: 98 Resp: 422168
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4

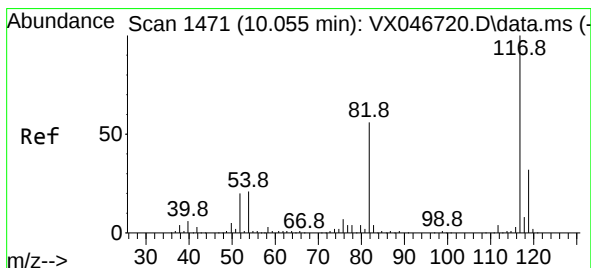
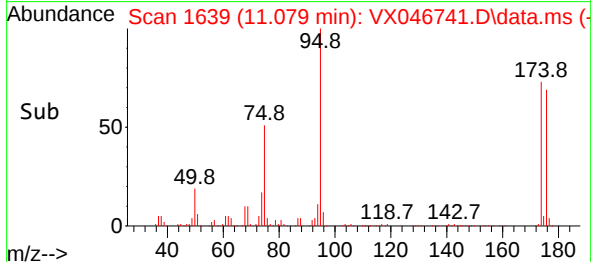
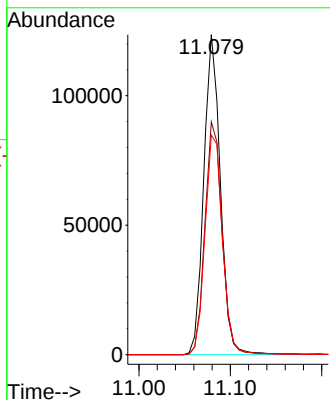
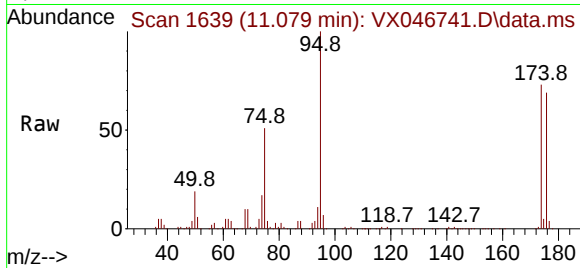




#62
4-Bromofluorobenzene
Concen: 48.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

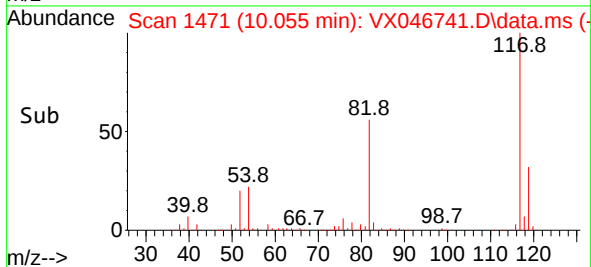
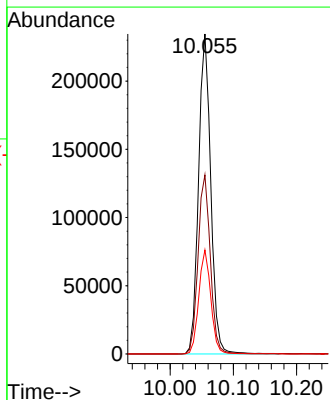
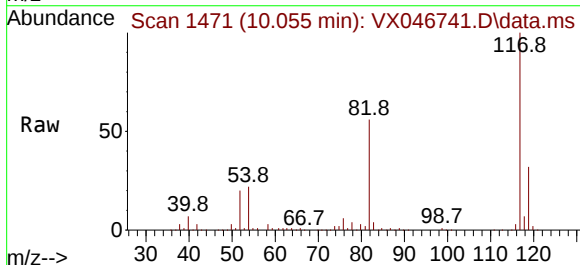
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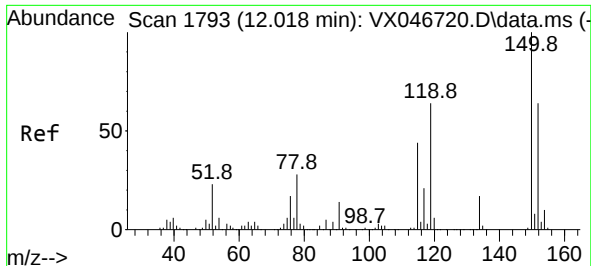
Tgt Ion: 95 Resp: 155379
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.4
176 72.9 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Tgt Ion: 117 Resp: 315084
Ion Ratio Lower Upper
117 100
82 56.0 44.6 66.8
119 32.5 25.8 38.8

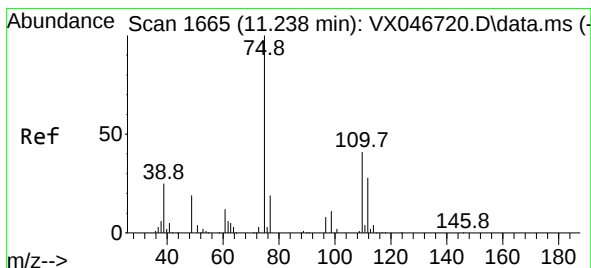
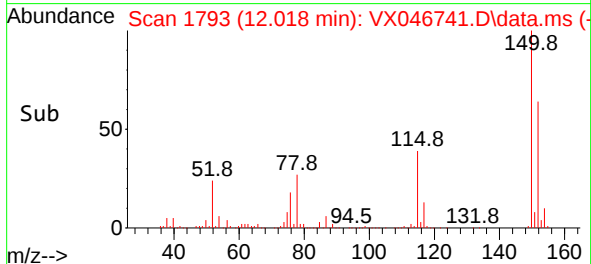
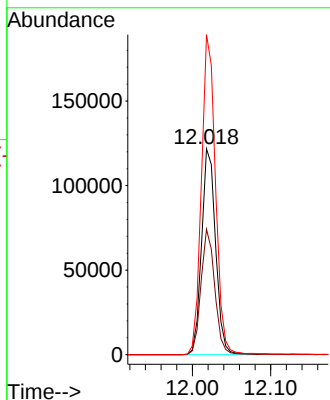
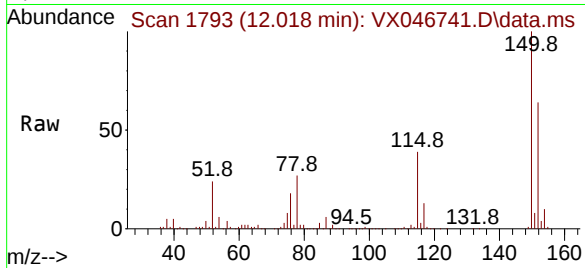




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046741.D
 Acq: 18 Jun 2025 14:41

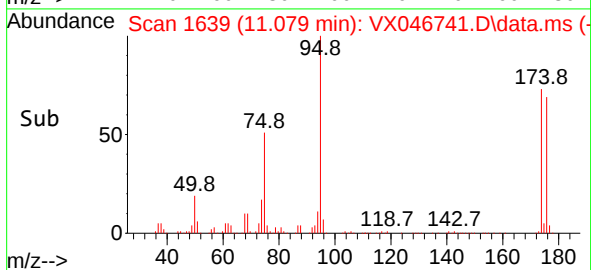
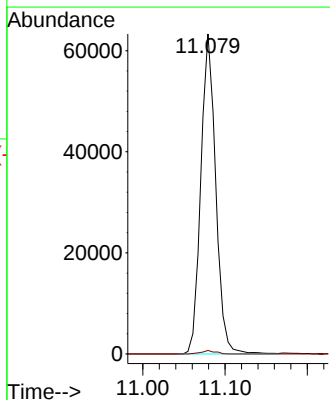
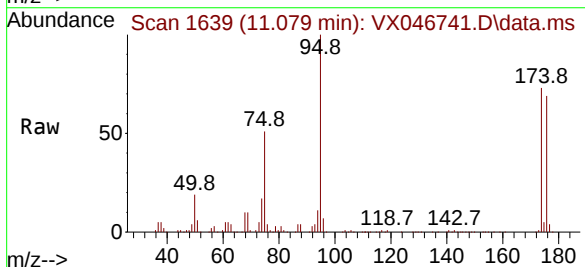
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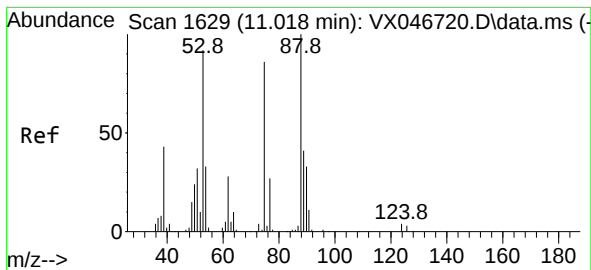
Tgt Ion:152 Resp: 151979
 Ion Ratio Lower Upper
 152 100
 115 59.7 43.2 129.6
 150 155.4 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 28.682 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046741.D
 Acq: 18 Jun 2025 14:41

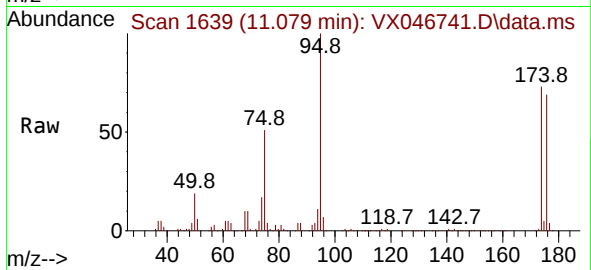
Tgt Ion: 75 Resp: 79836
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.5 55.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.071 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046741.D
 Acq: 18 Jun 2025 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-10-20250616



Tgt Ion: 75 Resp: 79836
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 36.9 55.3#

