

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046740.D
 Acq On : 18 Jun 2025 14:20
 Operator : JC/MD
 Sample : Q2345-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-6-20250616

Quant Time: Jun 19 01:24:36 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)

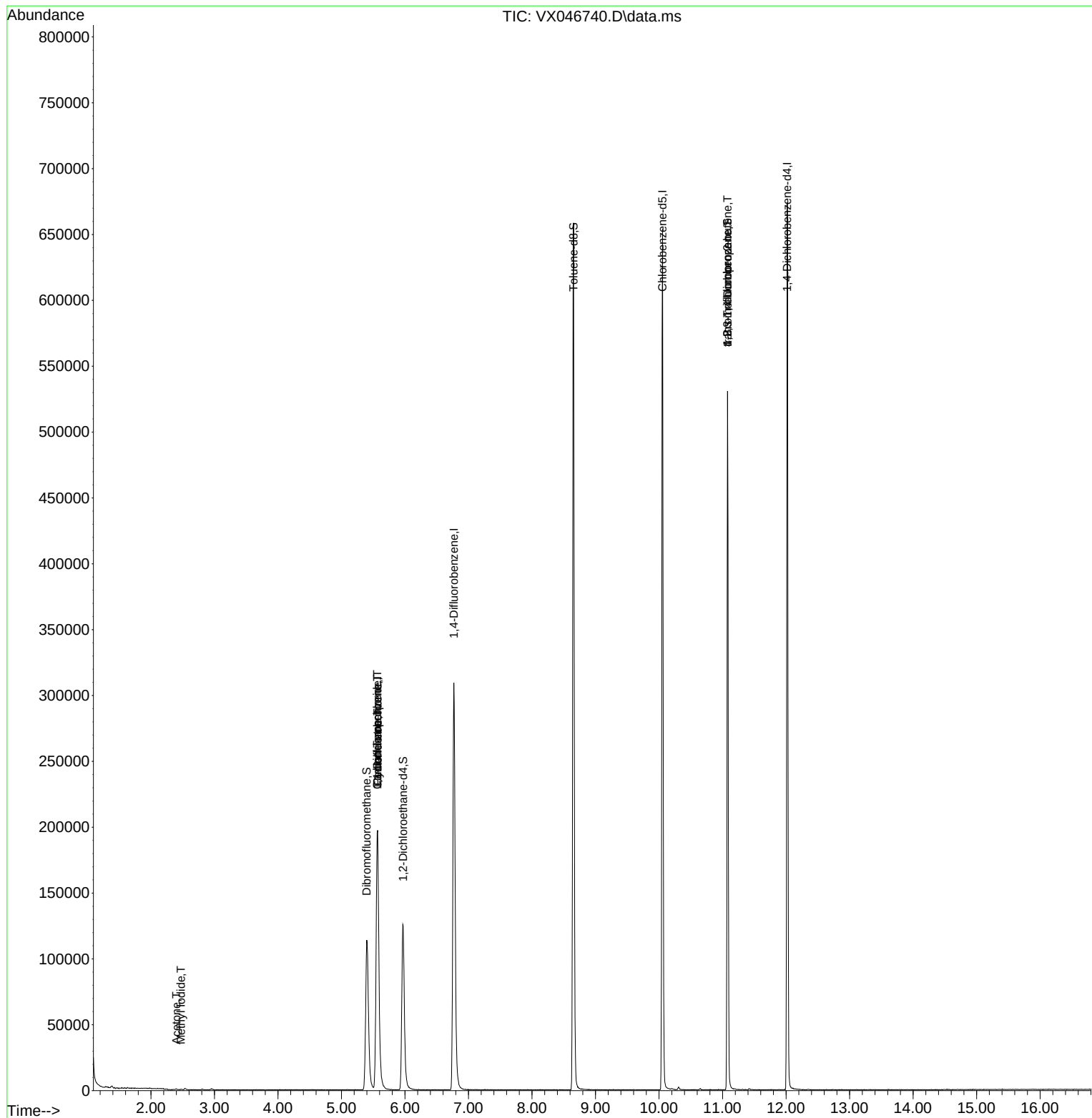
Internal Standards						
1) Pentafluorobenzene	5.568	168	202843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	334138	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	140253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	131452	46.852	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.700%
35) Dibromofluoromethane	5.397	113	107684	48.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.420%
50) Toluene-d8	8.653	98	392813	49.455	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.920%
62) 4-Bromofluorobenzene	11.079	95	141107	47.659	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.320%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	326	4.436	ug/l #	64
16) Acetone	2.398	43	833	0.890	ug/l #	88
31) Cyclohexane	5.568	56	4525	1.077	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	16361	5.127	ug/l #	51
38) Carbon Tetrachloride	5.562	117	21512	6.211	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	73048	28.437	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	73048	80.380	ug/l #	7

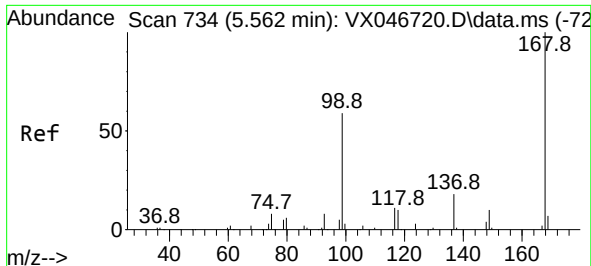
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250616

Quant Time: Jun 19 01:24:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

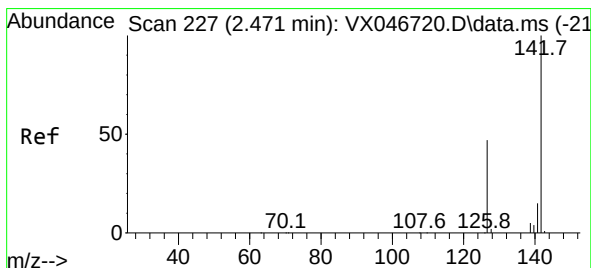
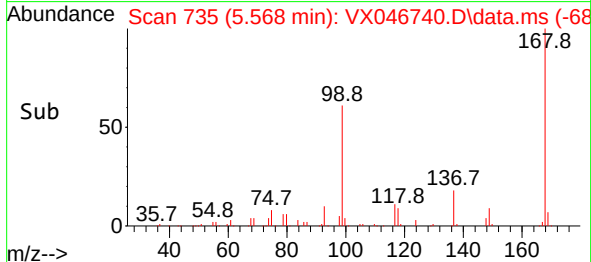
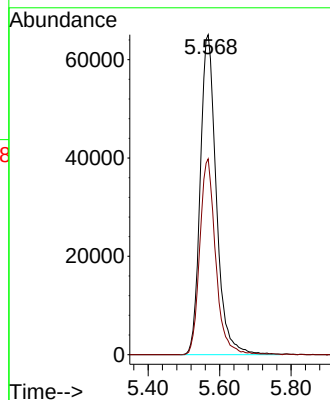
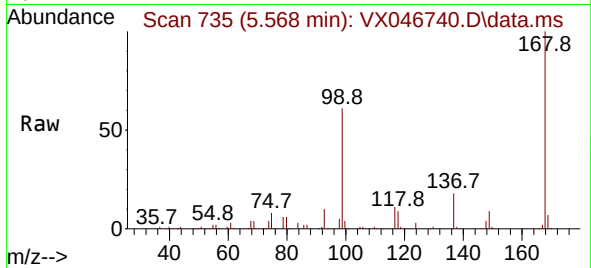




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

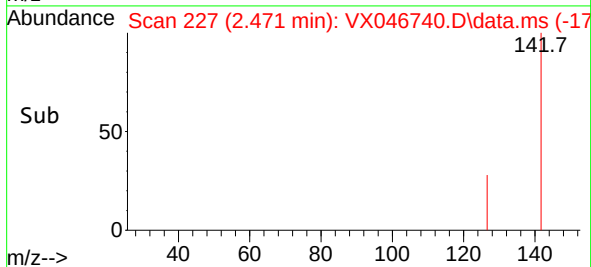
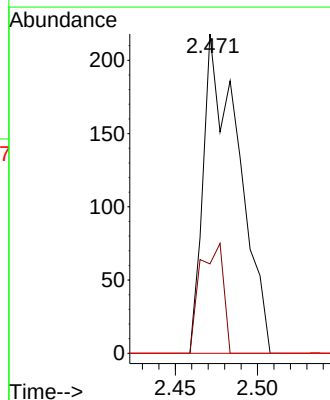
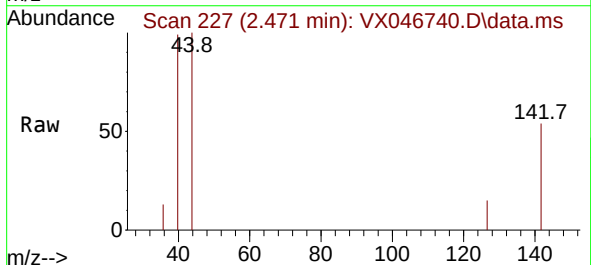
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250616

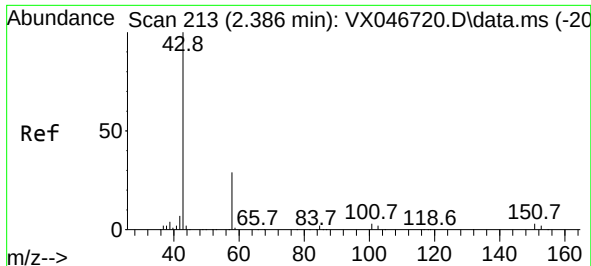
Tgt Ion:168 Resp: 202843
Ion Ratio Lower Upper
168 100
99 61.2 48.5 72.7



#10
Methyl Iodide
Concen: 4.436 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Tgt Ion:142 Resp: 326
Ion Ratio Lower Upper
142 100
127 22.4 37.0 55.6#
141 0.0 11.5 17.3#

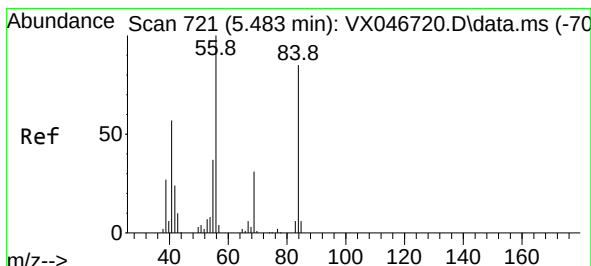
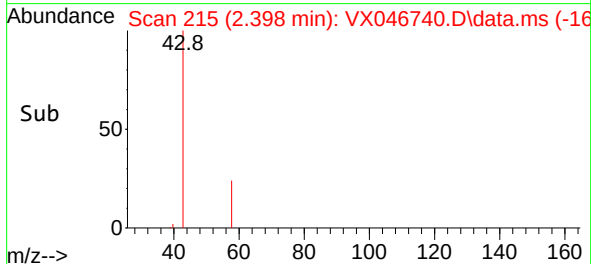
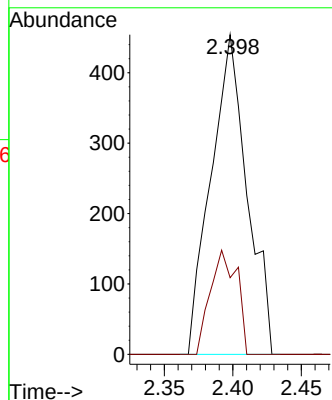
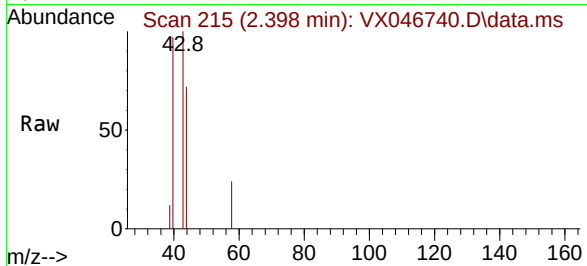




#16
Acetone
Concen: 0.890 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

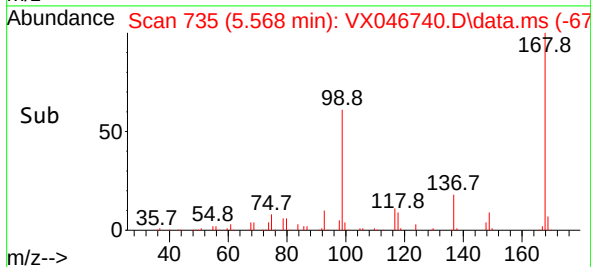
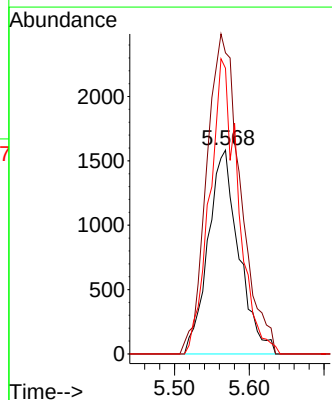
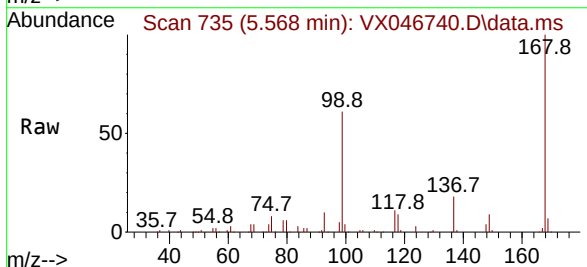
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250616

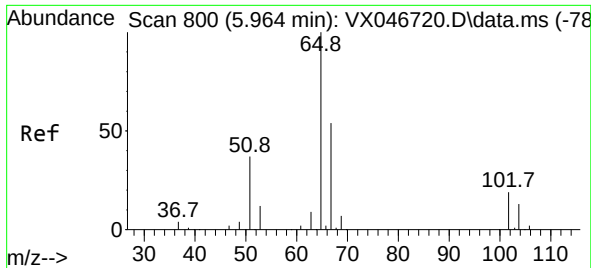
Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
58 24.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Tgt Ion: 56 Resp: 4525
Ion Ratio Lower Upper
56 100
69 147.8 24.8 37.2#
84 140.2 68.2 102.2#

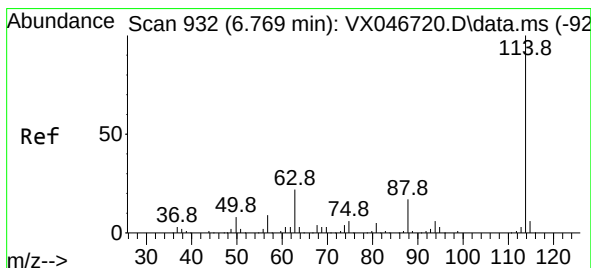
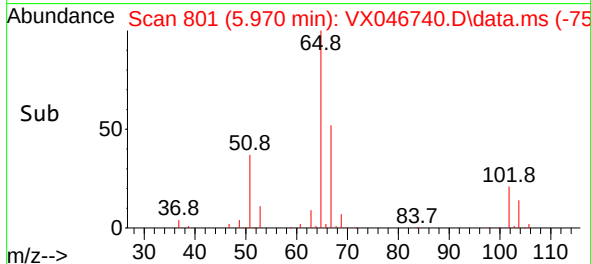
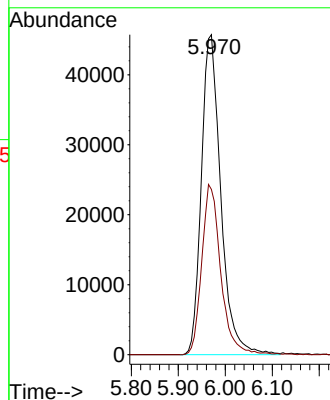
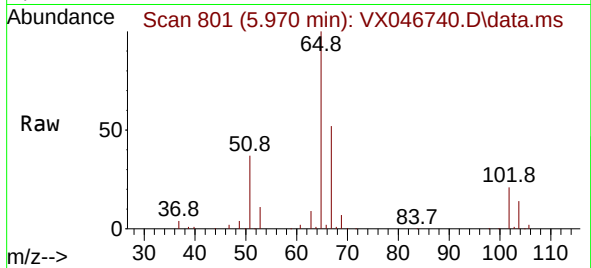




#33
 1,2-Dichloroethane-d4
 Concen: 46.852 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX046740.D
 Acq: 18 Jun 2025 14:20

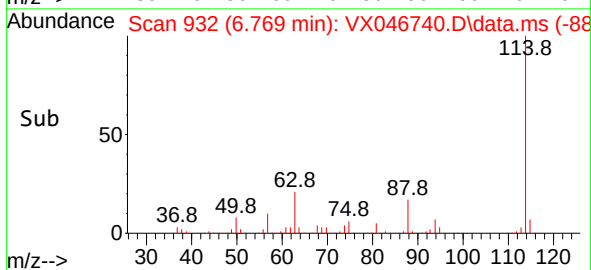
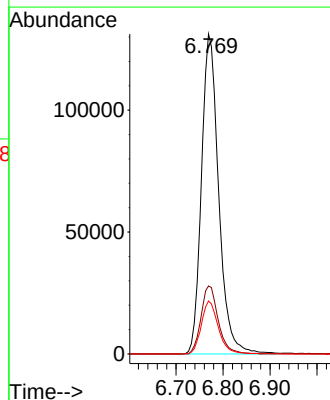
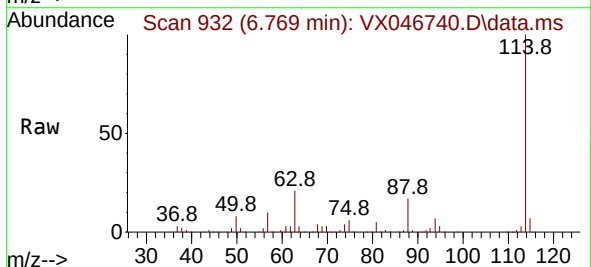
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-6-20250616

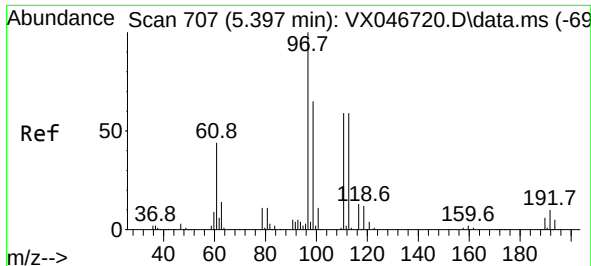
Tgt Ion: 65 Resp: 131452
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046740.D
 Acq: 18 Jun 2025 14:20

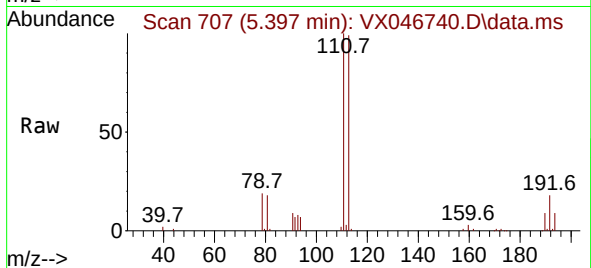
Tgt Ion: 114 Resp: 334138
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 44.2
 88 16.6 0.0 33.2



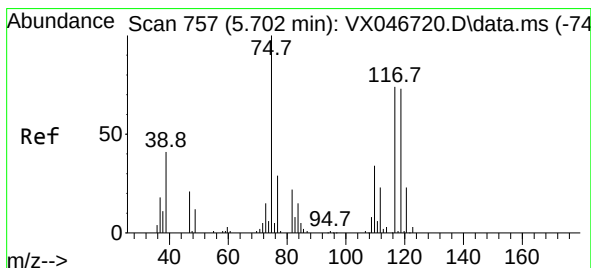
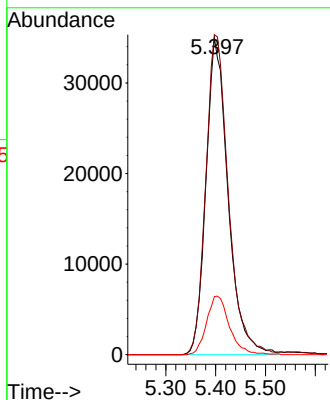
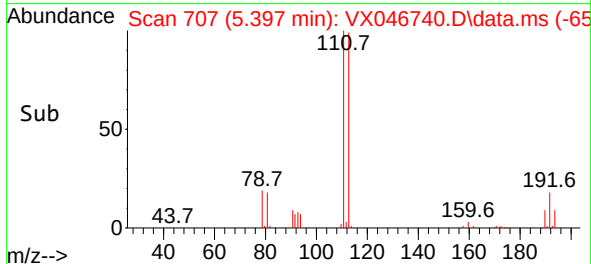


#35
Dibromofluoromethane
Concen: 48.709 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250616

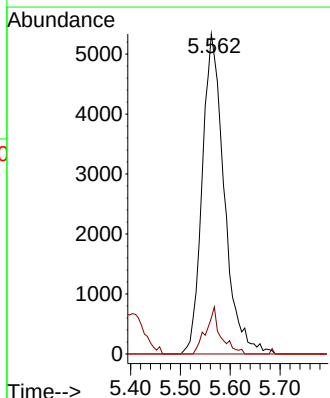
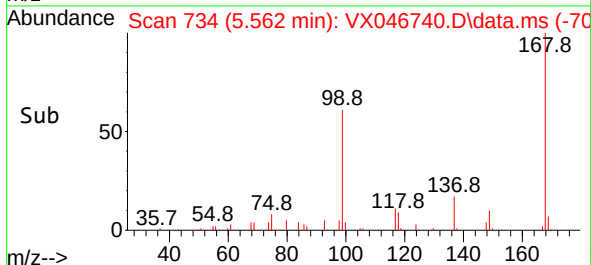
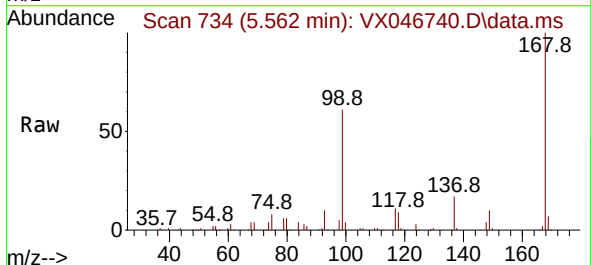


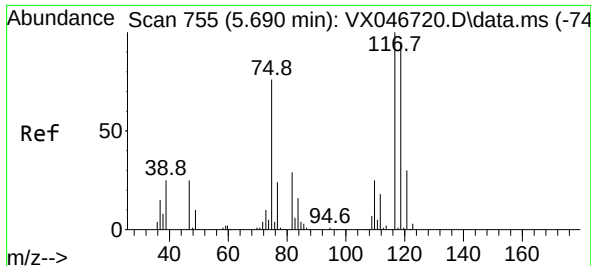
Tgt Ion:113 Resp: 107684
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 19.0 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.127 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

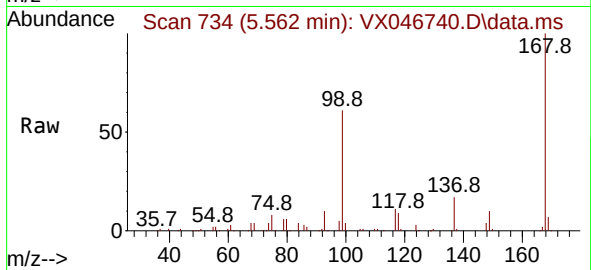
Tgt Ion: 75 Resp: 16361
Ion Ratio Lower Upper
75 100
110 9.8 17.2 51.5#
77 0.0 24.2 36.4#



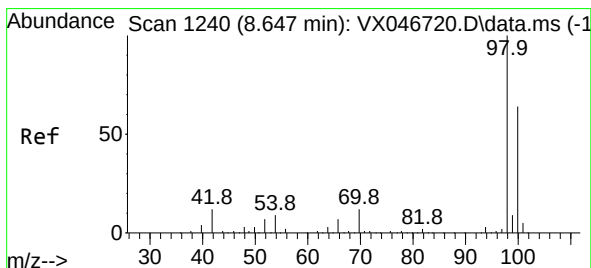
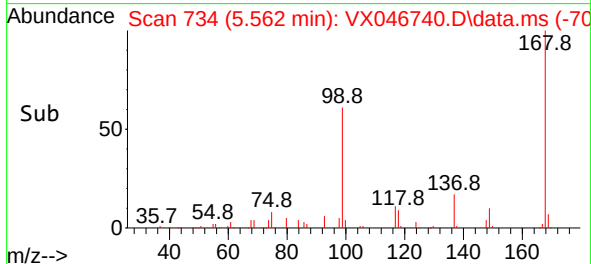
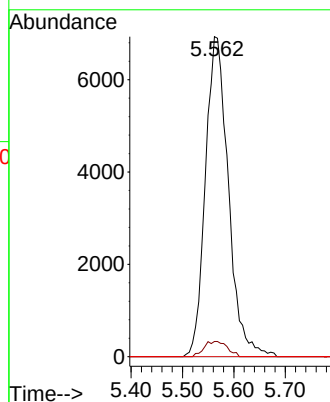


#38
Carbon Tetrachloride
Concen: 6.211 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250616

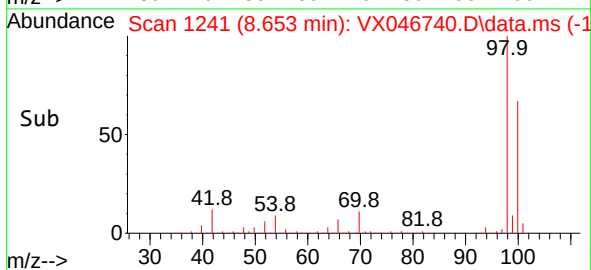
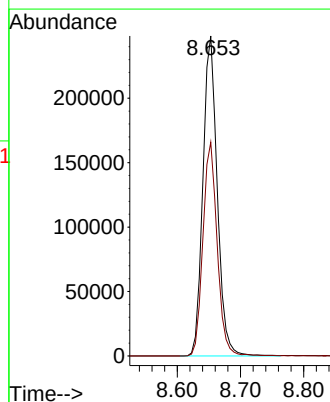
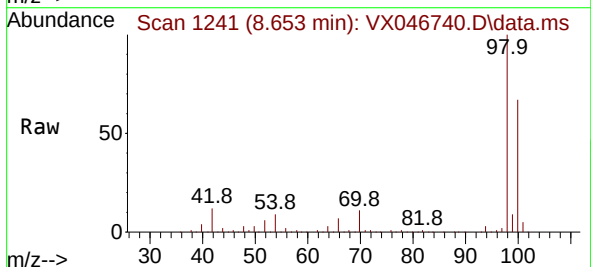


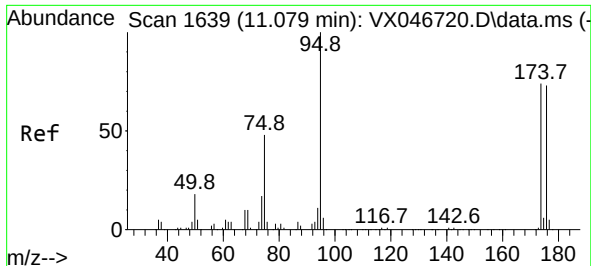
Tgt Ion:117 Resp: 21512
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.455 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Tgt Ion: 98 Resp: 392813
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

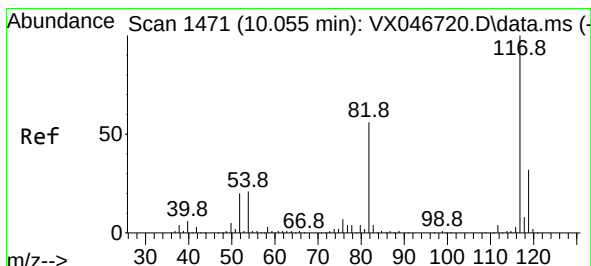
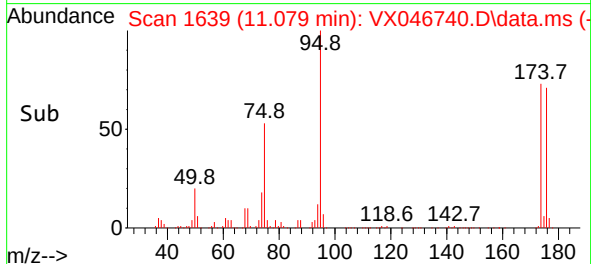
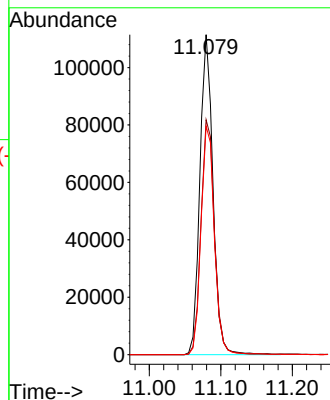
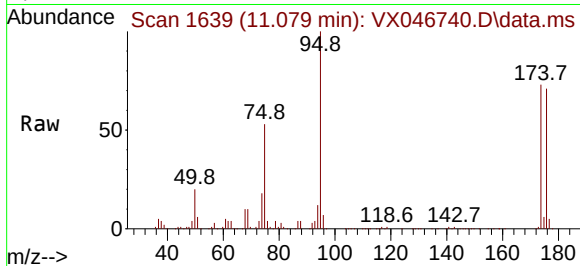




#62
4-Bromofluorobenzene
Concen: 47.659 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

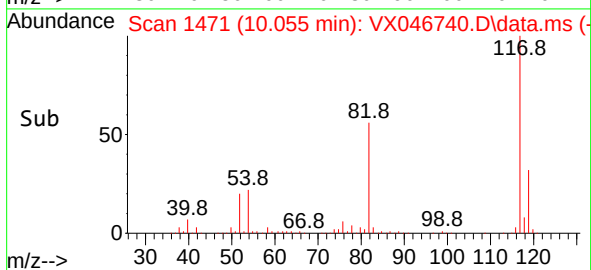
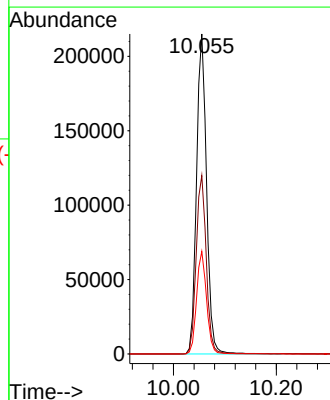
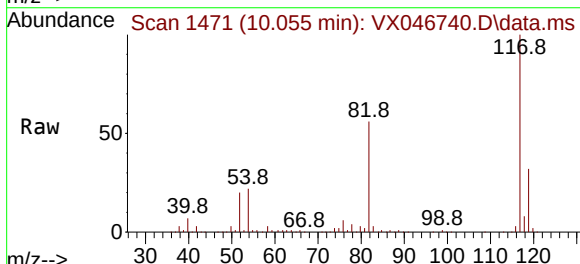
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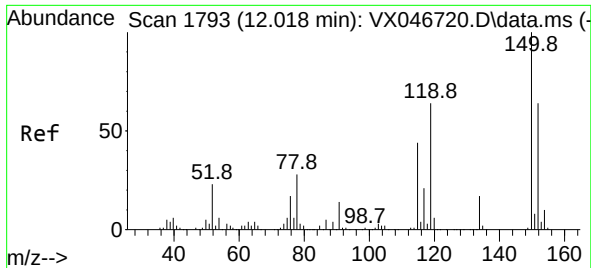
Tgt Ion: 95 Resp: 141107
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.4
176 73.3 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Tgt Ion: 117 Resp: 291485
Ion Ratio Lower Upper
117 100
82 55.7 44.6 66.8
119 32.1 25.8 38.8

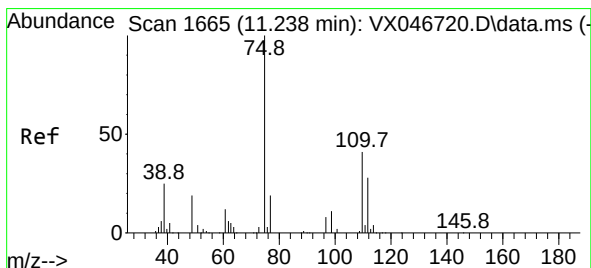
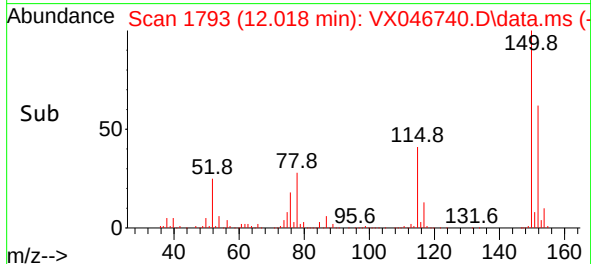
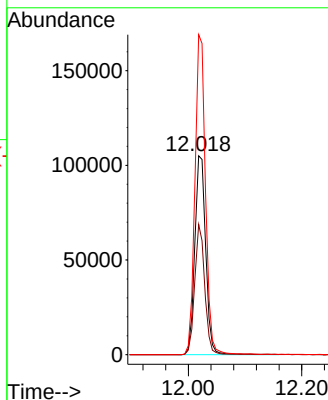
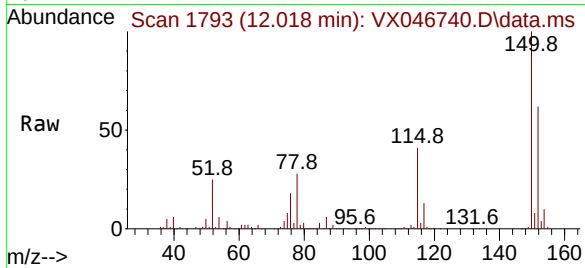




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046740.D
 Acq: 18 Jun 2025 14:20

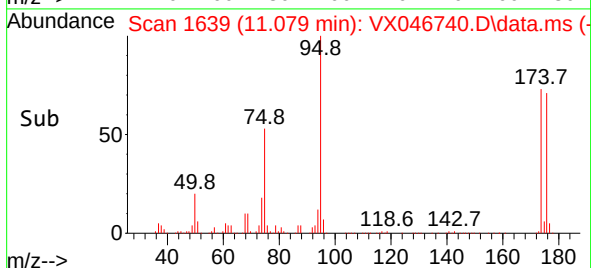
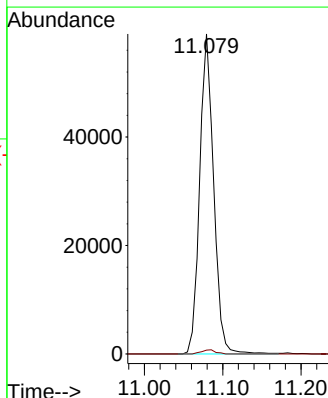
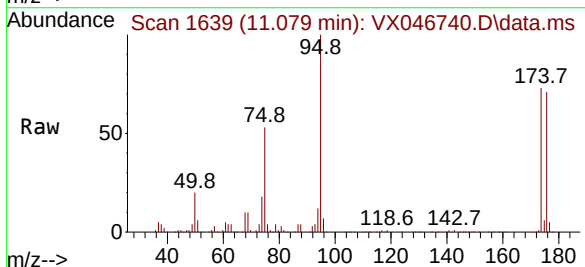
Instrument :
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 BPOW6-6-20250616

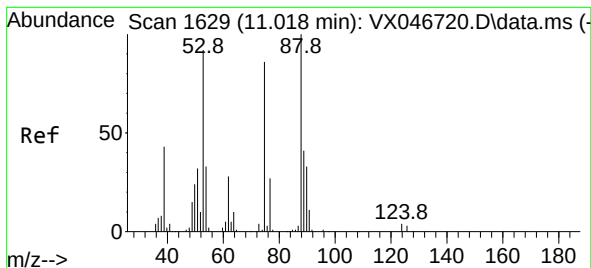
Tgt Ion:152 Resp: 140253
 Ion Ratio Lower Upper
 152 100
 115 60.6 43.2 129.6
 150 155.9 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 28.437 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046740.D
 Acq: 18 Jun 2025 14:20

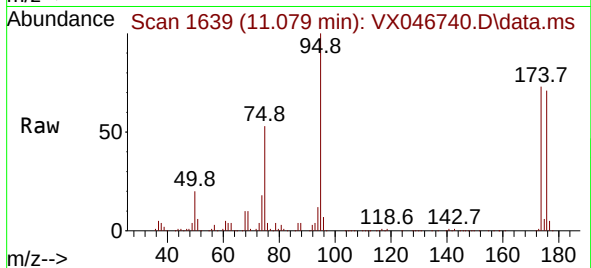
Tgt Ion: 75 Resp: 73048
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.5 55.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.380 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046740.D
 Acq: 18 Jun 2025 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-6-20250616



Tgt Ion: 75 Resp: 73048
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 36.9 55.3#

