

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046742.D
 Acq On : 18 Jun 2025 15:03
 Operator : JC/MD
 Sample : Q2345-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-9-20250616

Quant Time: Jun 19 01:25:16 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)

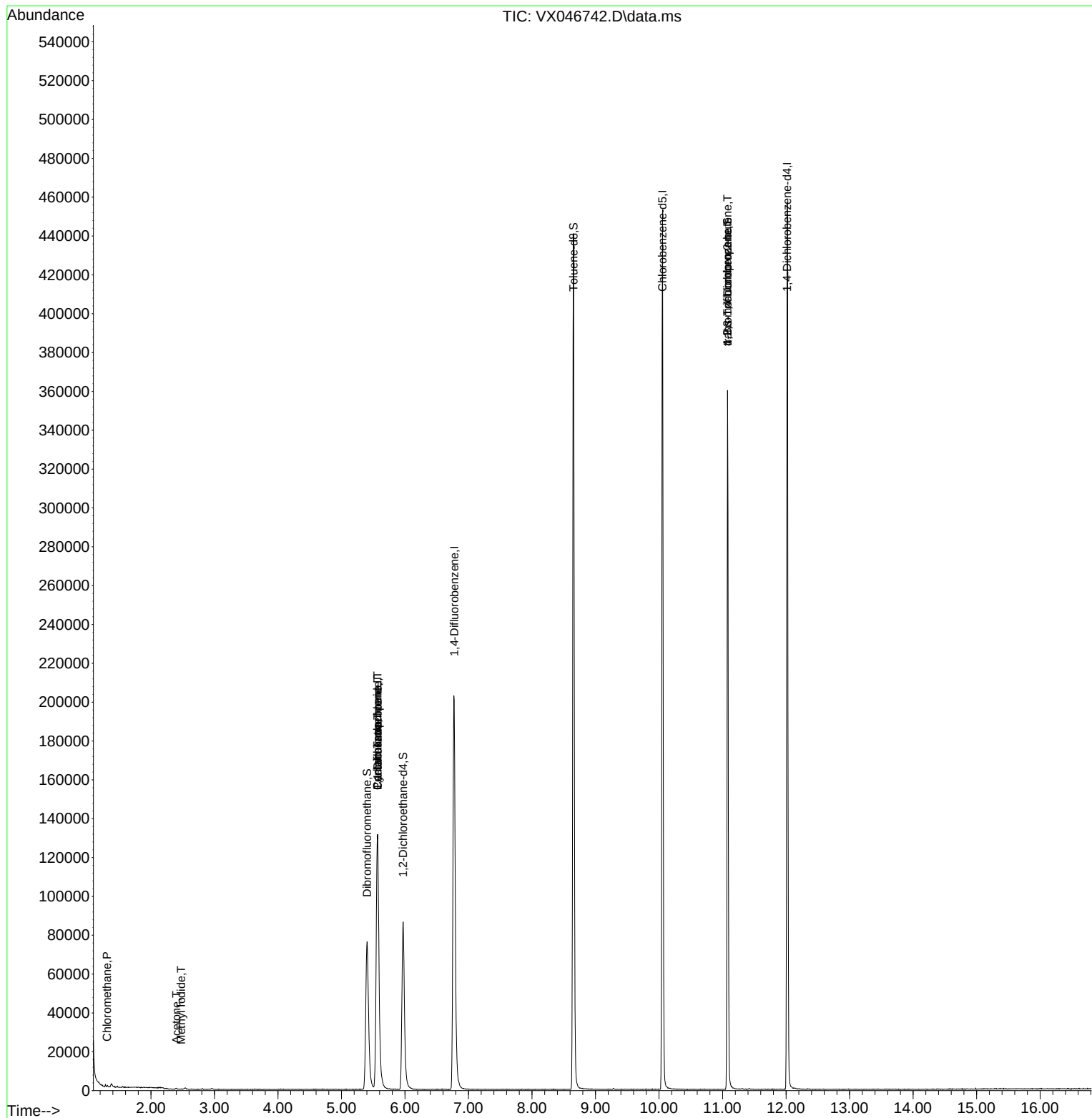
Internal Standards						
1) Pentafluorobenzene	5.568	168	133892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	222699	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	89336	48.238	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.480%
35) Dibromofluoromethane	5.403	113	72980	49.530	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.060%
50) Toluene-d8	8.653	98	264875	50.035	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.079	95	96247	48.774	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.540%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	431	0.279	ug/l	97
10) Methyl Iodide	2.477	142	154	4.407	ug/l #	38
16) Acetone	2.398	43	809	1.310	ug/l	91
31) Cyclohexane	5.568	56	2862	1.032	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	10803	5.079	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14159	6.134	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	49657	28.667	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	49657	81.030	ug/l #	7

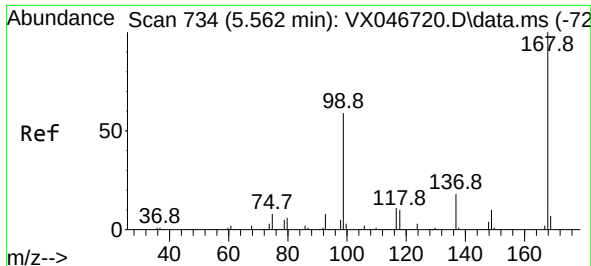
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046742.D
Acq On : 18 Jun 2025 15:03
Operator : JC/MD
Sample : Q2345-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

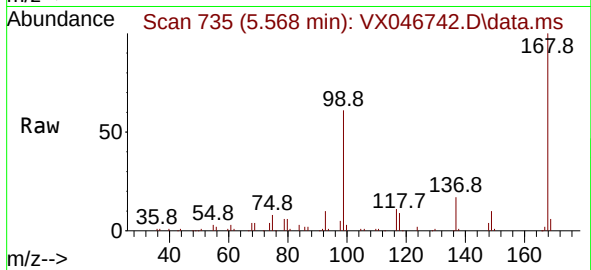
Quant Time: Jun 19 01:25:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



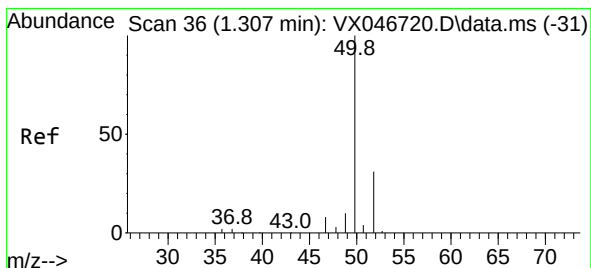
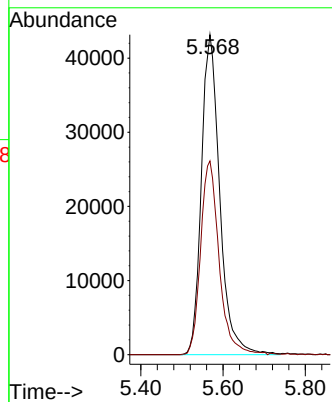
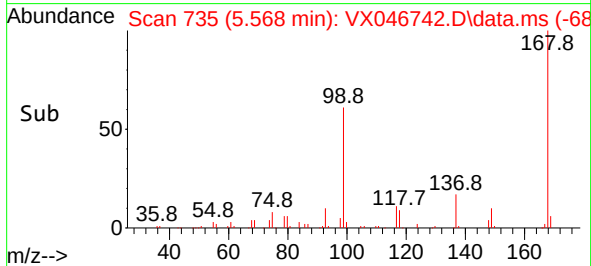


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

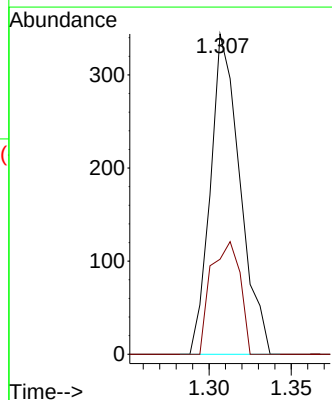
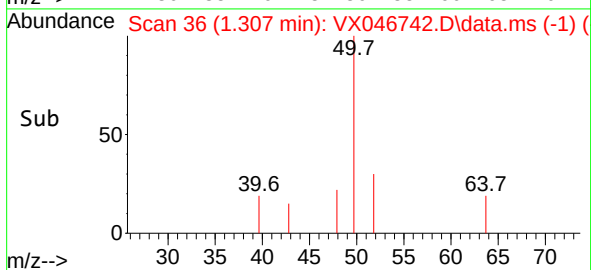
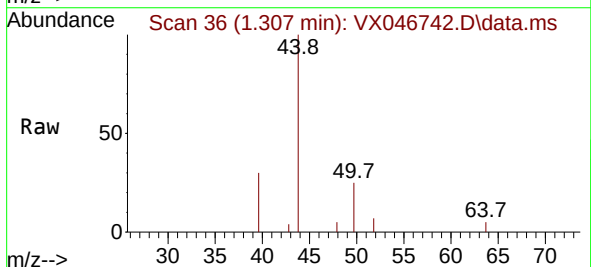


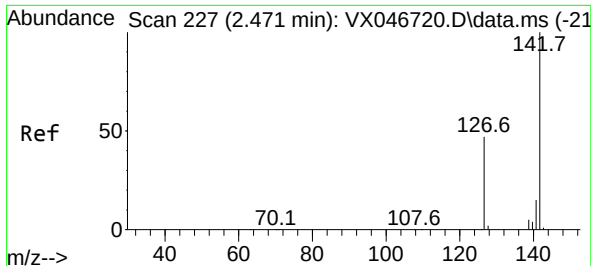
Tgt Ion:168 Resp: 133892
Ion Ratio Lower Upper
168 100
99 60.6 48.5 72.7



#3
Chloromethane
Concen: 0.279 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Tgt Ion: 50 Resp: 431
Ion Ratio Lower Upper
50 100
52 29.7 24.9 37.3

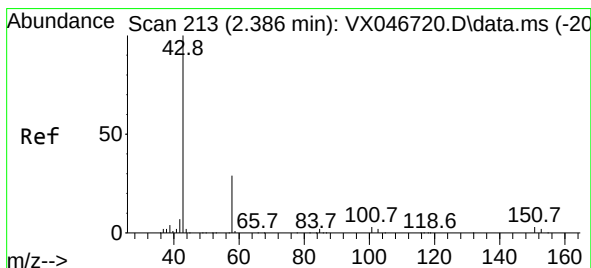
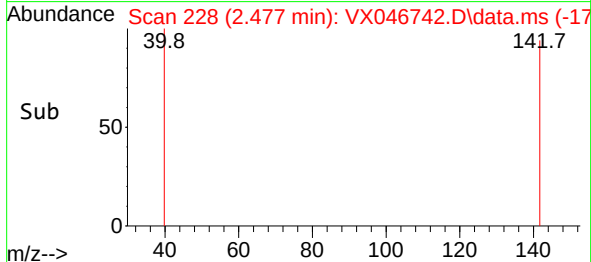
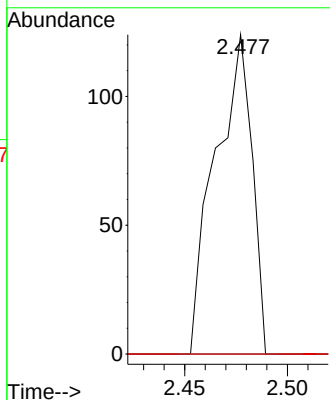
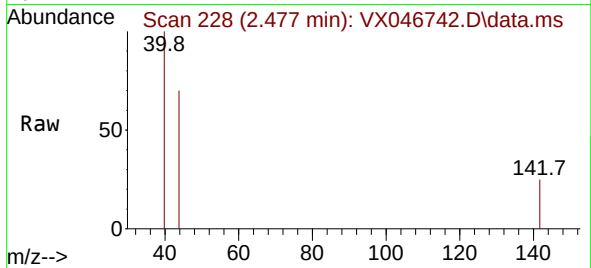




#10
Methyl Iodide
Concen: 4.407 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

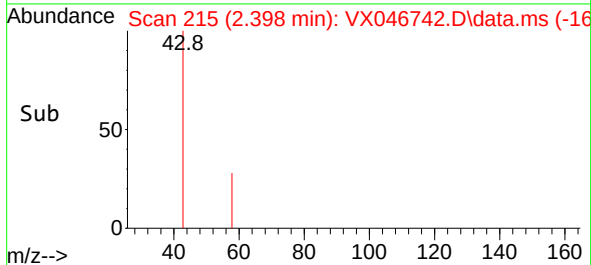
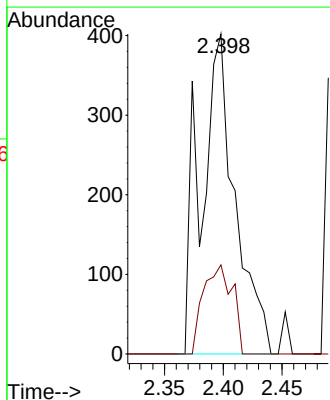
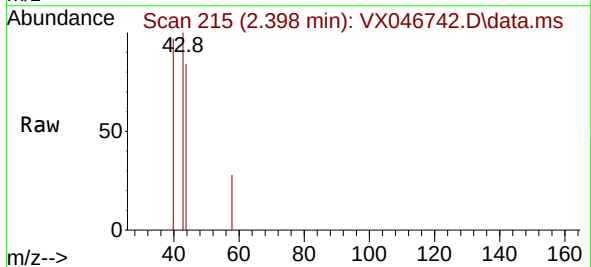
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

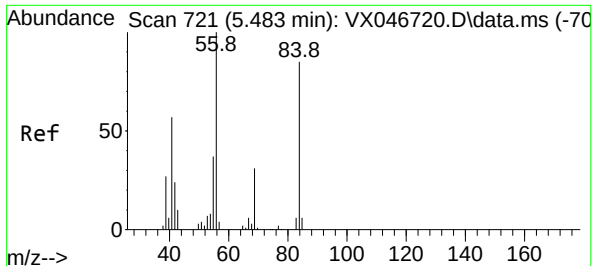
Tgt Ion:142 Resp: 154
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 1.310 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

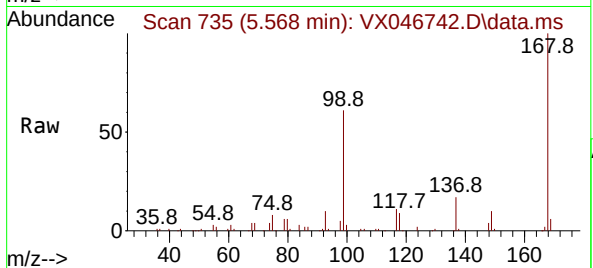
Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
58 25.7 24.5 36.7



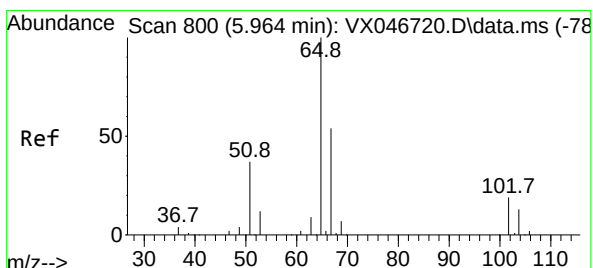
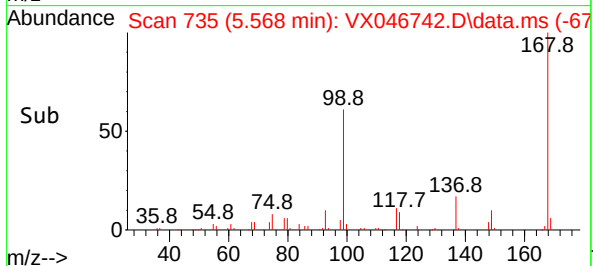
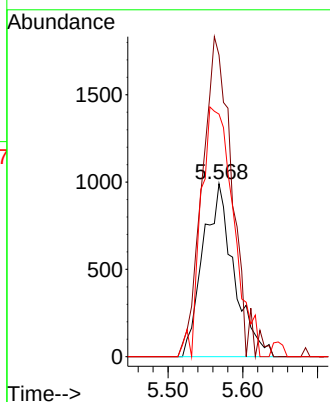


#31
Cyclohexane
Concen: 1.032 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

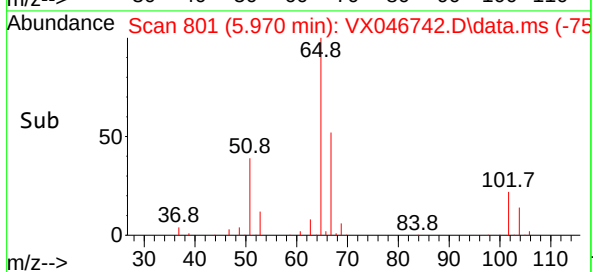
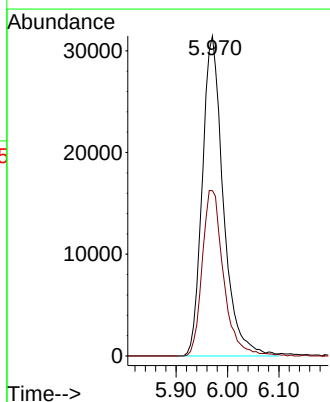
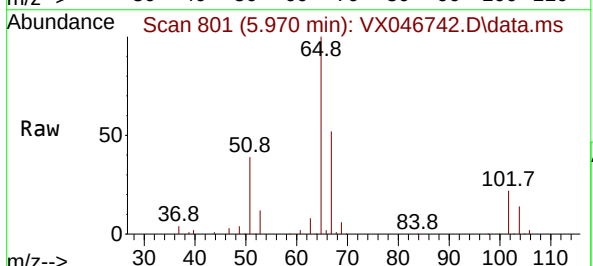


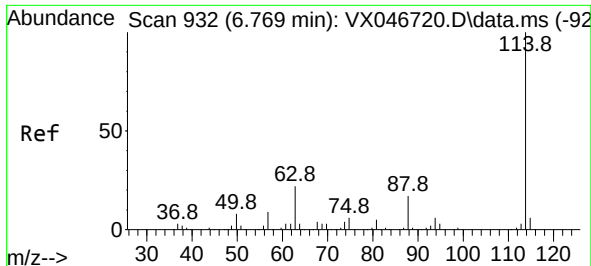
Tgt Ion: 56 Resp: 2862
Ion Ratio Lower Upper
56 100
69 174.4 24.8 37.2#
84 140.2 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 48.238 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Tgt Ion: 65 Resp: 89336
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

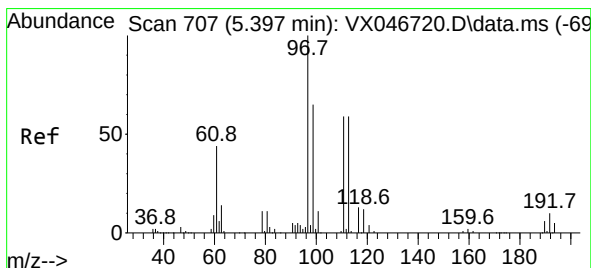
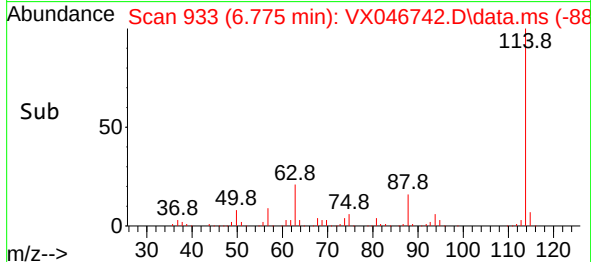
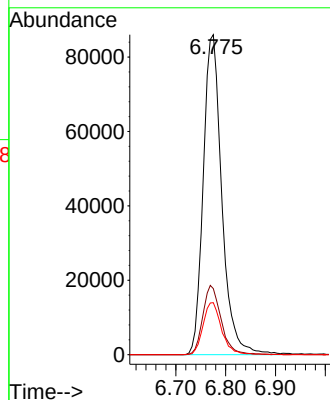
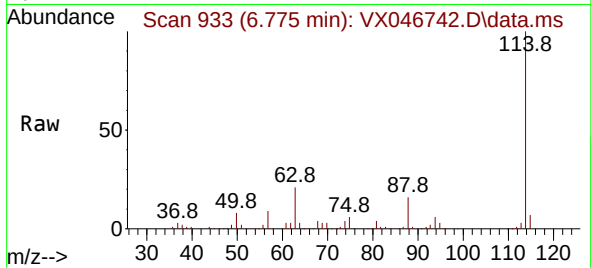




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

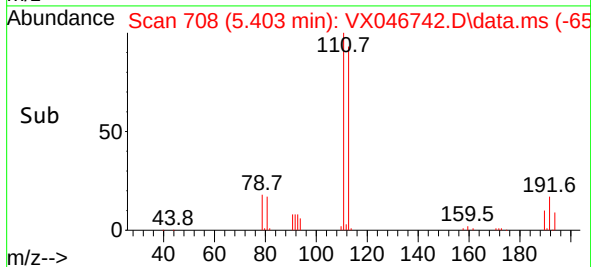
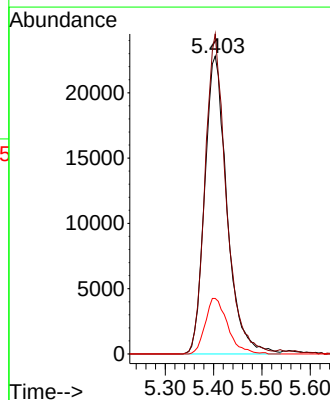
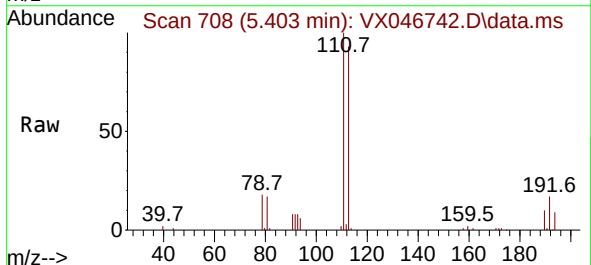
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

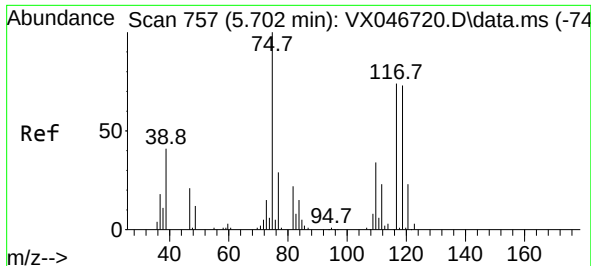
Tgt Ion:114 Resp: 222699
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.530 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Tgt Ion:113 Resp: 72980
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 18.8 15.3 22.9

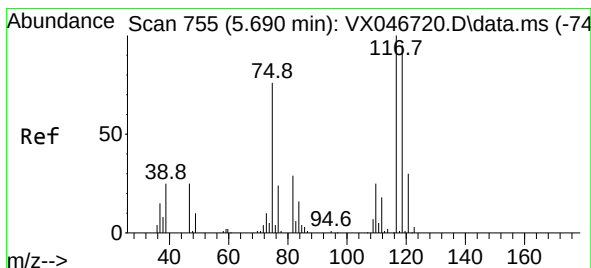
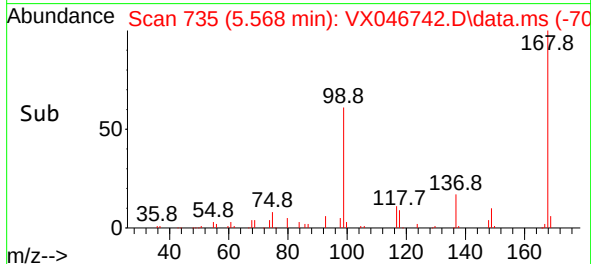
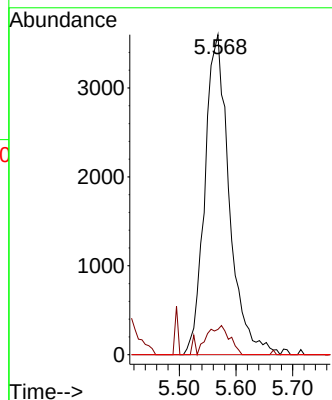
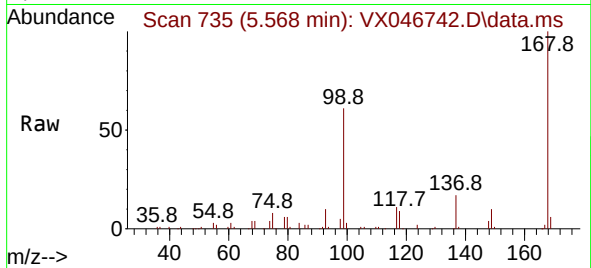




#36
1,1-Dichloropropene
Concen: 5.079 ug/l
RT: 5.568 min Scan# 715
Delta R.T. -0.134 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

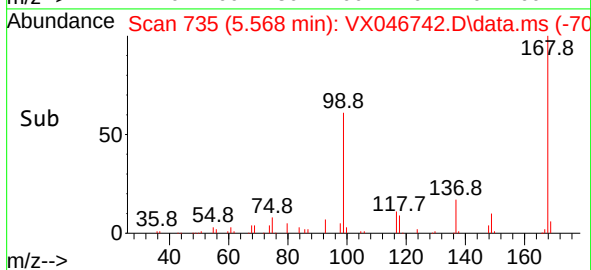
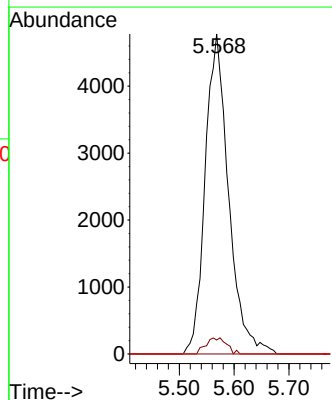
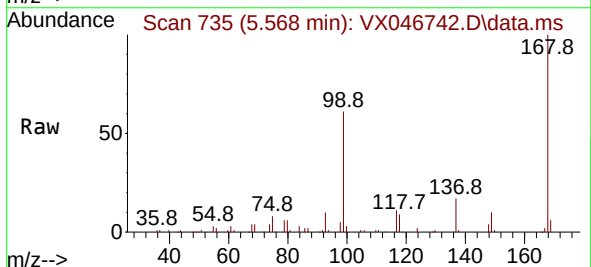
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

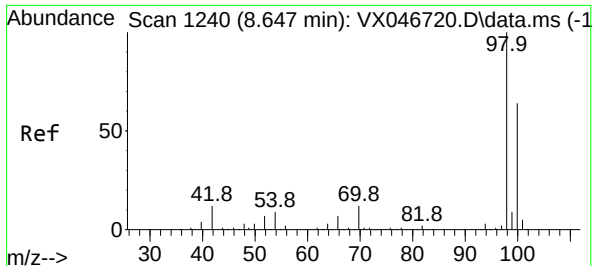
Tgt Ion: 75 Resp: 10803
Ion Ratio Lower Upper
75 100
110 8.3 17.2 51.5#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.134 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Tgt Ion: 117 Resp: 14159
Ion Ratio Lower Upper
117 100
119 4.4 75.2 112.8#
121 0.0 24.1 36.1#

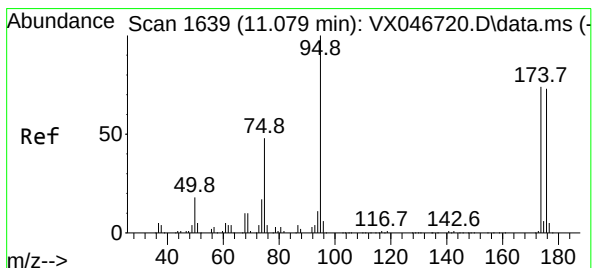
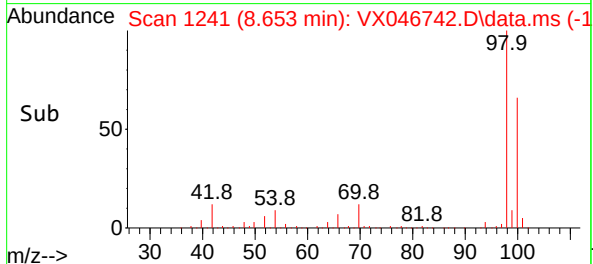
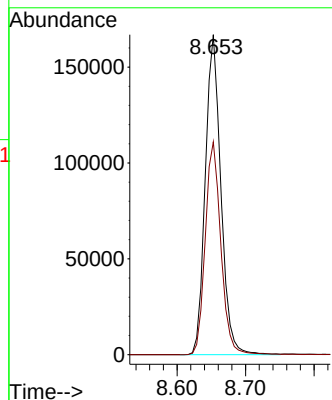
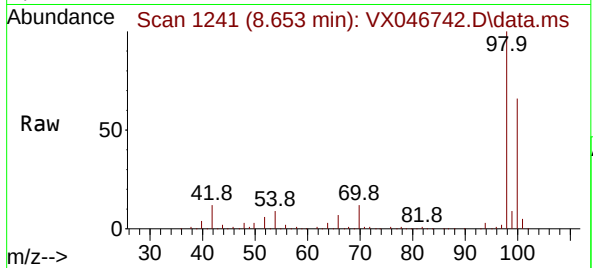




#50
Toluene-d8
Concen: 50.035 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

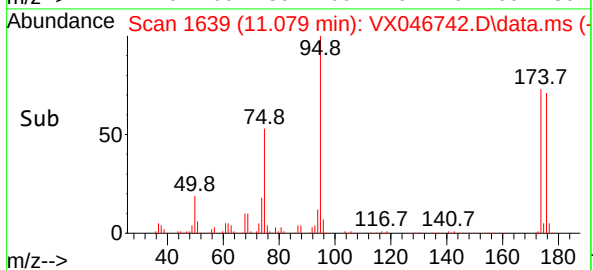
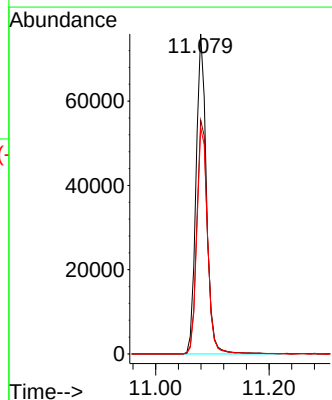
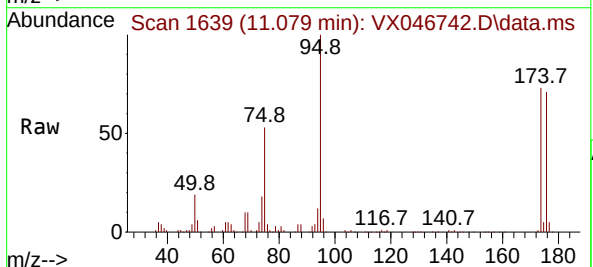
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

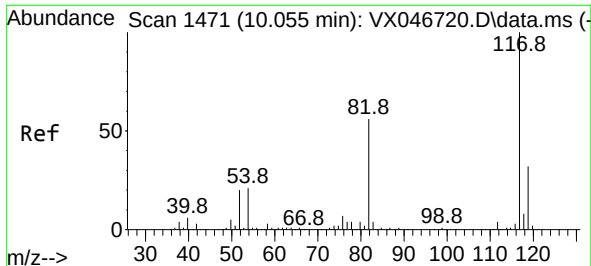
Tgt Ion: 98 Resp: 264875
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.774 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Tgt Ion: 95 Resp: 96247
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.4
176 73.3 0.0 145.0

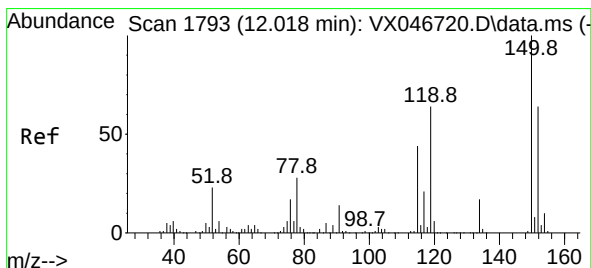
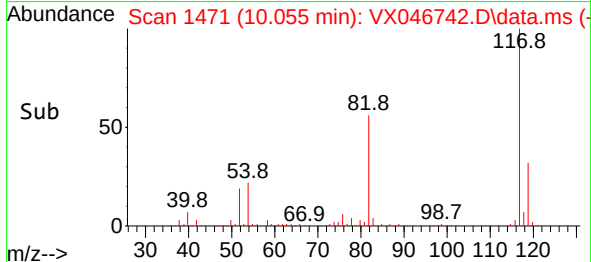
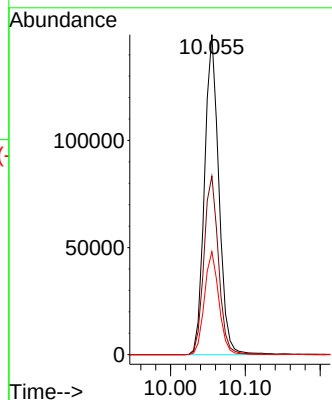
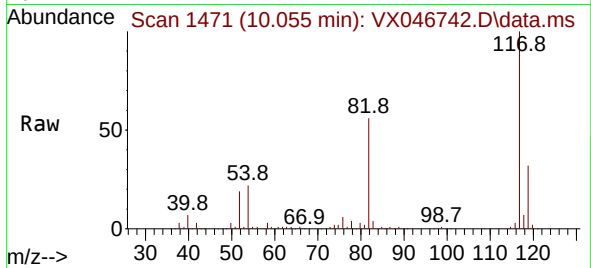




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

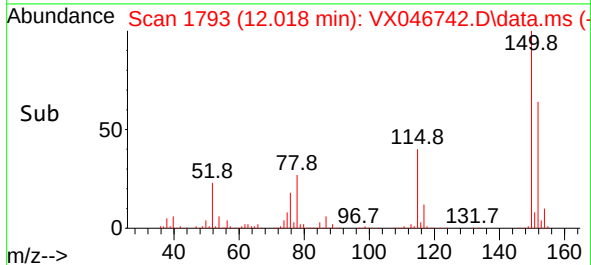
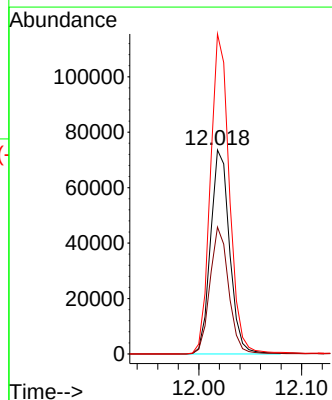
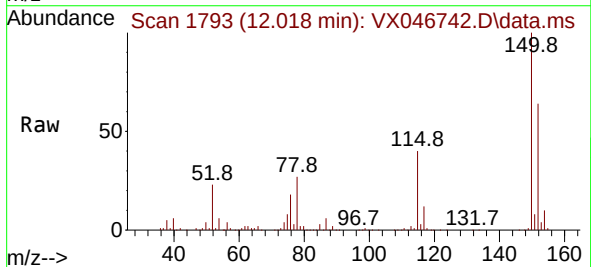
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

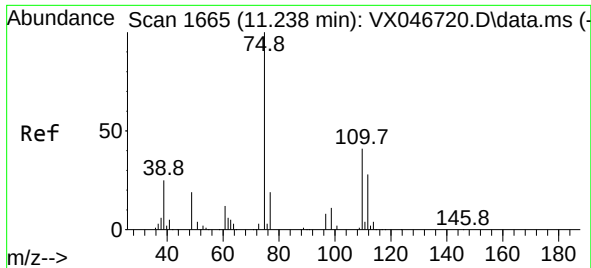
Tgt Ion:117 Resp: 198876
Ion Ratio Lower Upper
117 100
82 55.8 44.6 66.8
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Tgt Ion:152 Resp: 94577
Ion Ratio Lower Upper
152 100
115 61.3 43.2 129.6
150 157.1 0.0 346.8

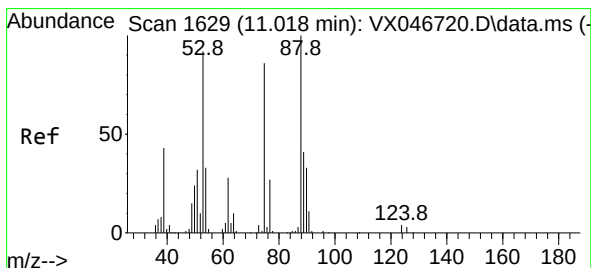
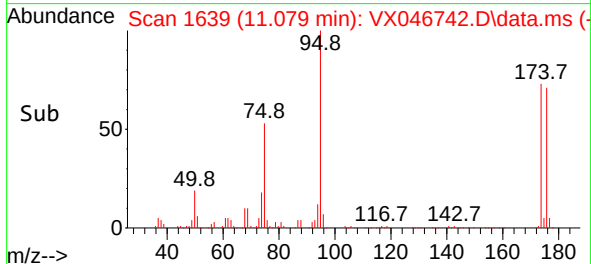
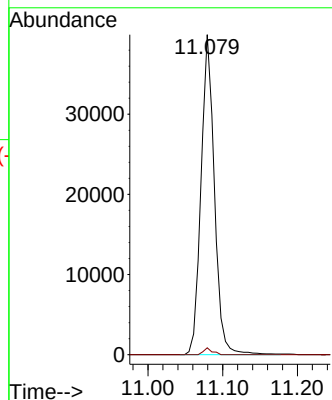
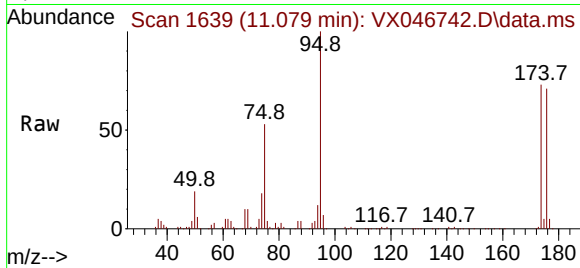




#76
1,2,3-Trichloropropane
Concen: 28.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

Tgt Ion: 75 Resp: 49657
Ion Ratio Lower Upper
75 100
77 1.4 18.5 55.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.030 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Tgt Ion: 75 Resp: 49657
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

