

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046747.D
 Acq On : 18 Jun 2025 16:50
 Operator : JC/MD
 Sample : Q2345-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-4-20250616

Quant Time: Jun 19 01:27:10 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	210931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	348901	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	147369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139483	47.808	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.620%
35) Dibromofluoromethane	5.397	113	113104	48.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	8.653	98	413425	49.848	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	151978	49.158	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.320%

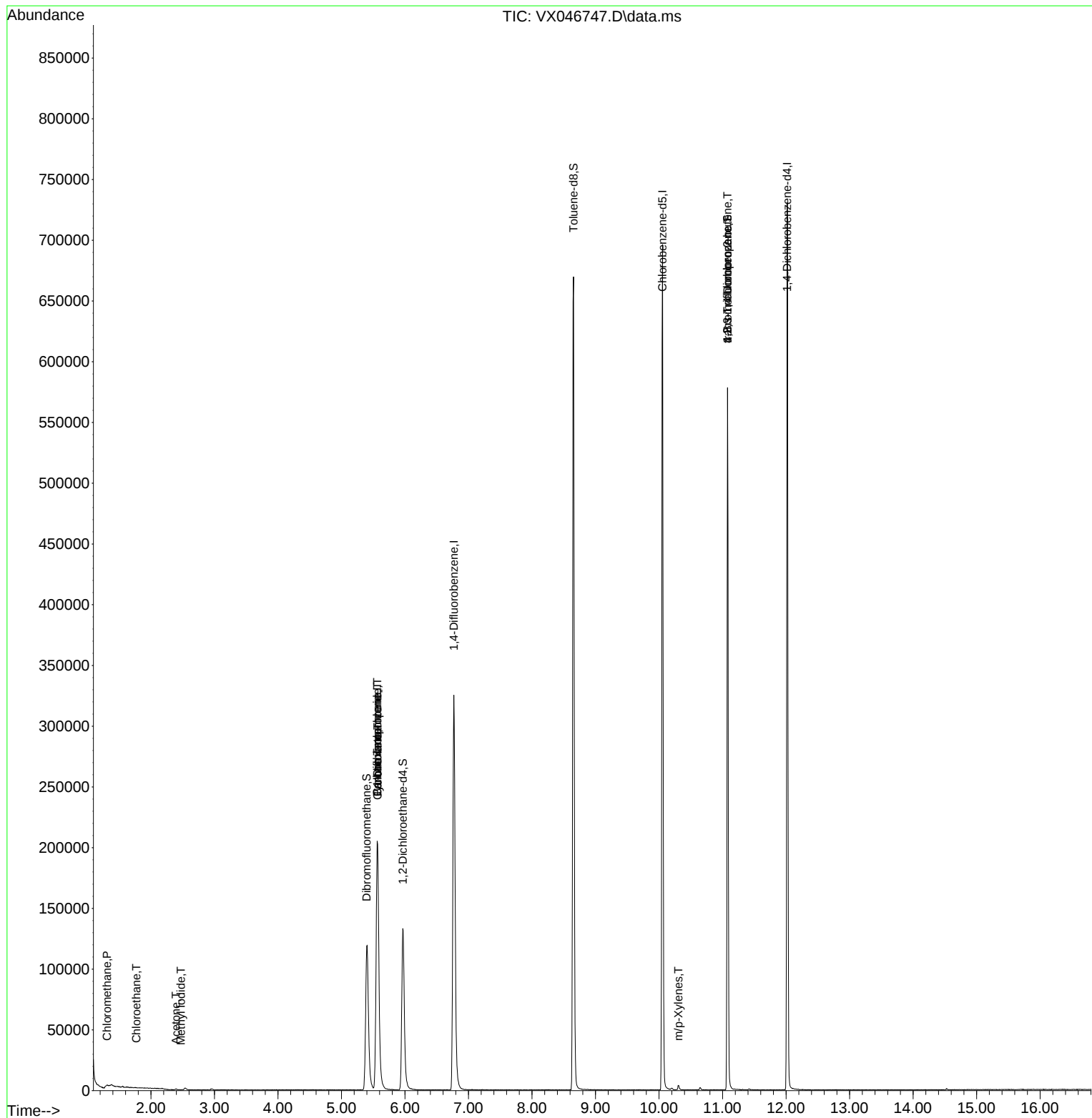
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.307	50	517	0.213	ug/l #	84
6) Chloroethane	1.770	64	383	0.244	ug/l #	41
10) Methyl Iodide	2.471	142	181	4.388	ug/l #	54
16) Acetone	2.392	43	780	0.802	ug/l #	44
31) Cyclohexane	5.568	56	4356	0.997	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	16715	5.016	ug/l #	50
38) Carbon Tetrachloride	5.562	117	21636	5.983	ug/l #	16
68) m/p-Xylenes	10.305	106	1140	0.257	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	77390	28.673	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	77390	81.045	ug/l #	7

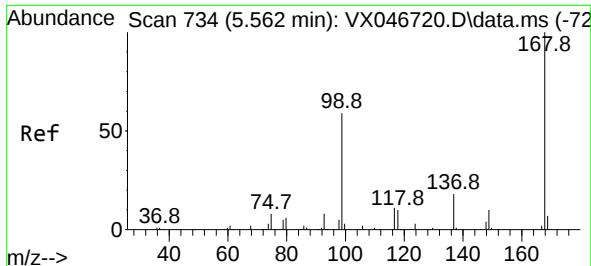
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
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BPOW6-4-20250616

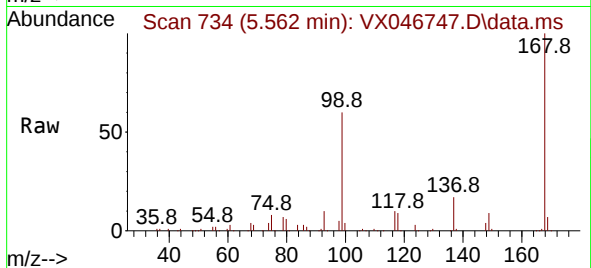
Quant Time: Jun 19 01:27:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



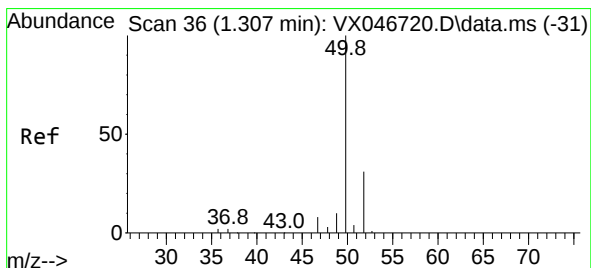
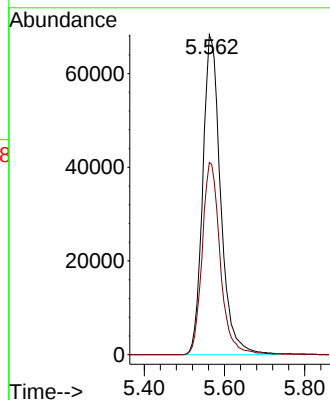
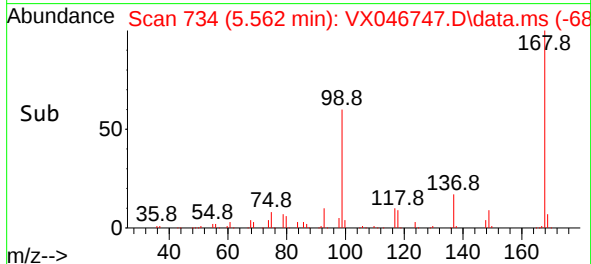


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

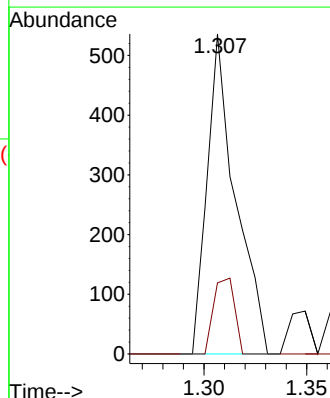
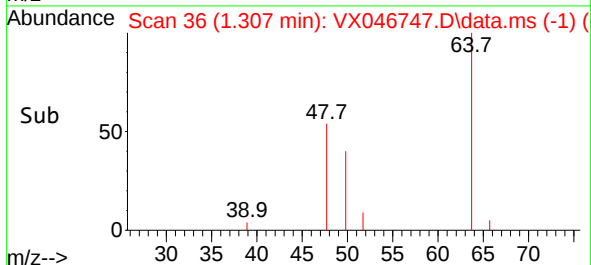
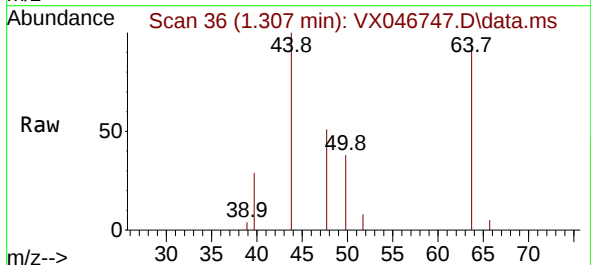


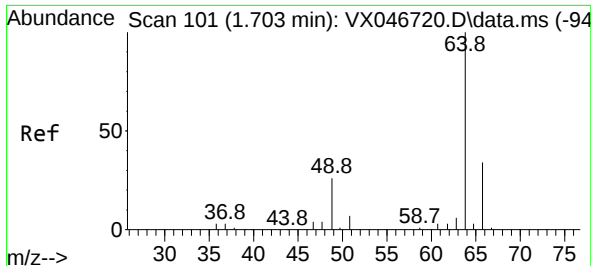
Tgt Ion:168 Resp: 210931
Ion Ratio Lower Upper
168 100
99 60.1 48.5 72.7



#3
Chloromethane
Concen: 0.213 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Tgt Ion: 50 Resp: 517
Ion Ratio Lower Upper
50 100
52 22.2 24.9 37.3#

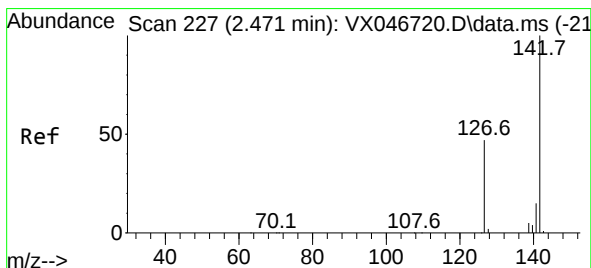
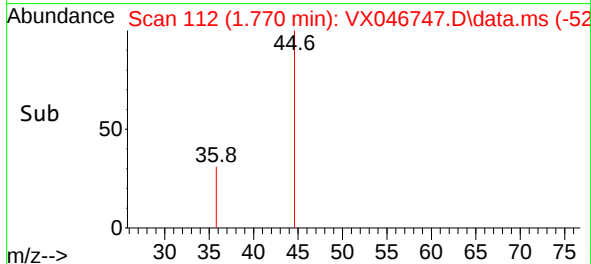
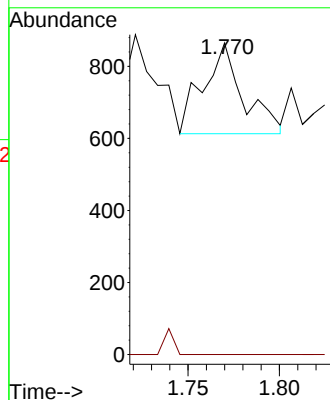
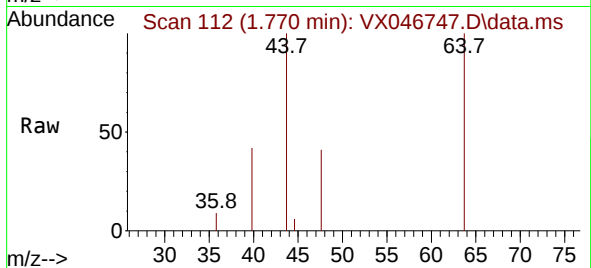




#6
Chloroethane
Concen: 0.244 ug/l
RT: 1.770 min Scan# 112
Delta R.T. 0.067 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

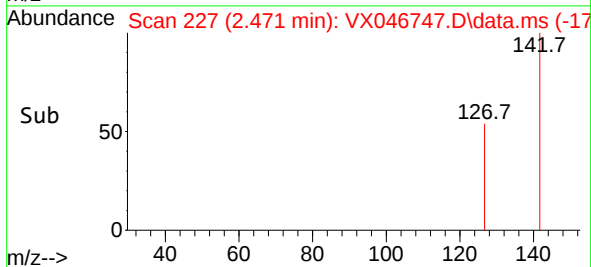
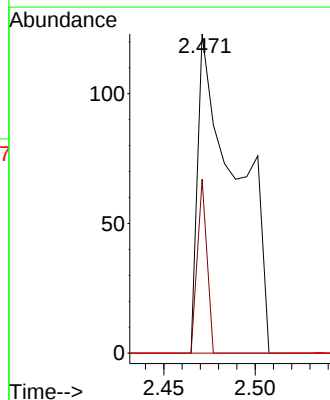
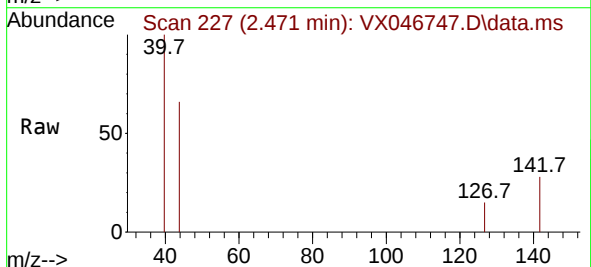
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

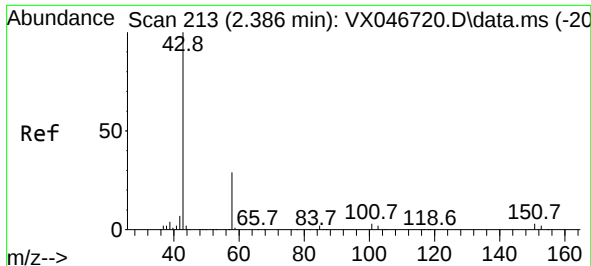
Tgt Ion: 64 Resp: 383
Ion Ratio Lower Upper
64 100
66 0.0 27.1 40.7#



#10
Methyl Iodide
Concen: 4.388 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Tgt Ion: 142 Resp: 181
Ion Ratio Lower Upper
142 100
127 13.8 37.0 55.6#
141 0.0 11.5 17.3#

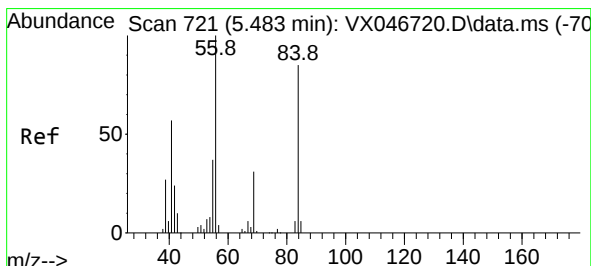
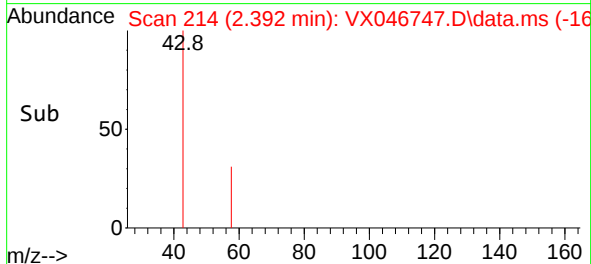
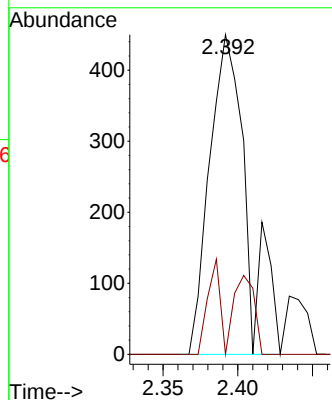
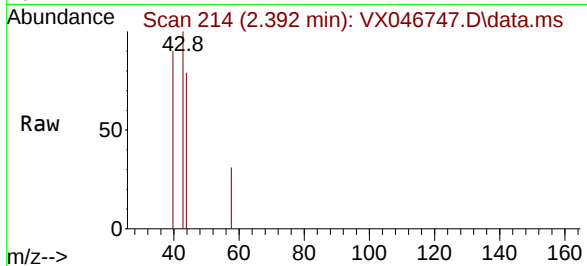




#16
Acetone
Concen: 0.802 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

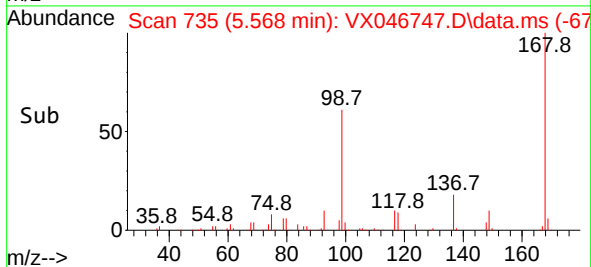
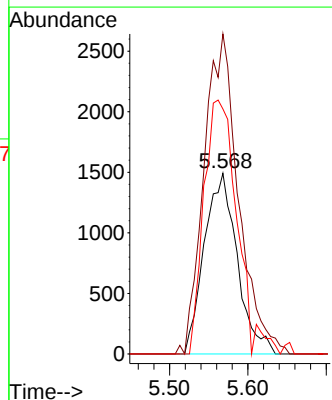
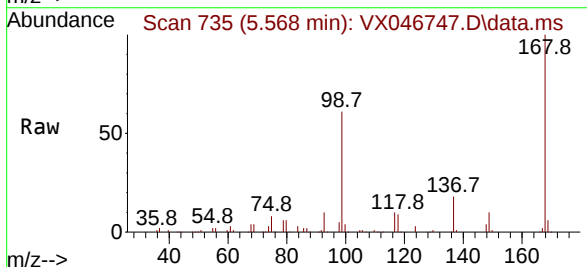
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

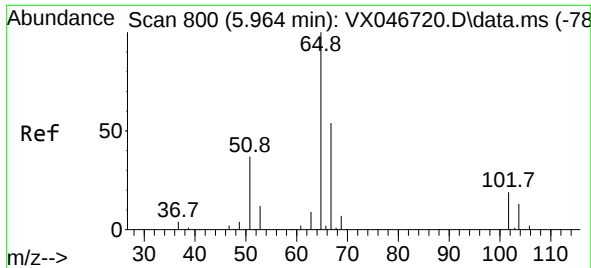
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 0.997 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Tgt Ion: 56 Resp: 4356
Ion Ratio Lower Upper
56 100
69 172.7 24.8 37.2#
84 135.5 68.2 102.2#

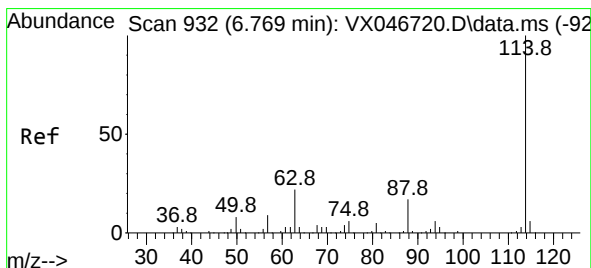
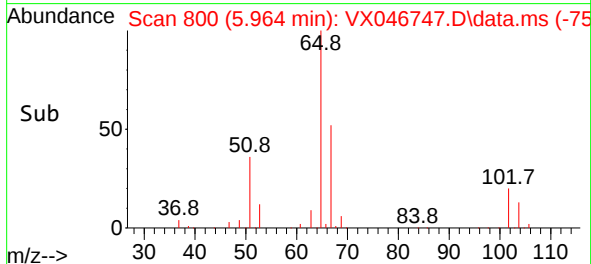
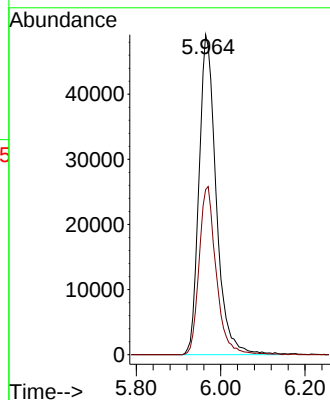
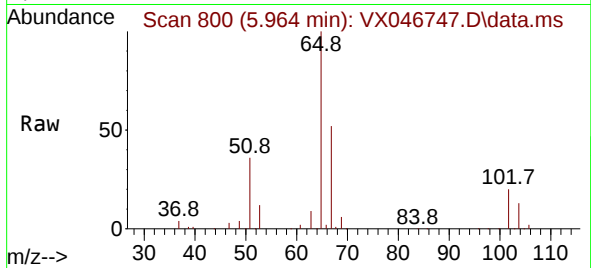




#33
 1,2-Dichloroethane-d4
 Concen: 47.808 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046747.D
 Acq: 18 Jun 2025 16:50

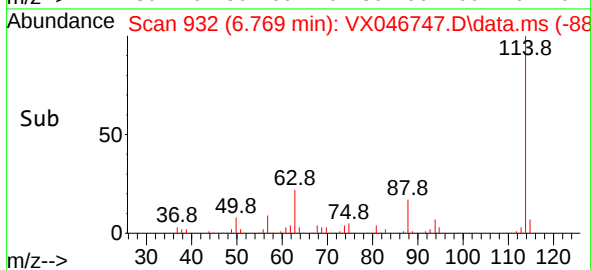
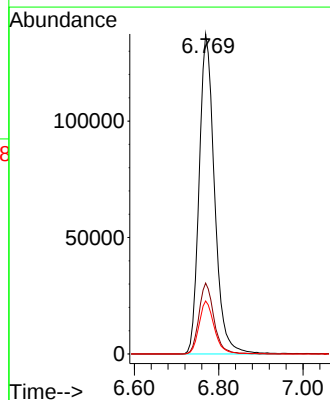
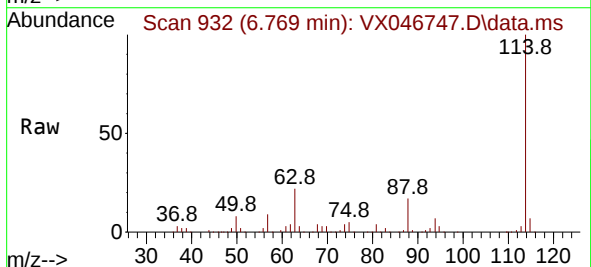
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-4-20250616

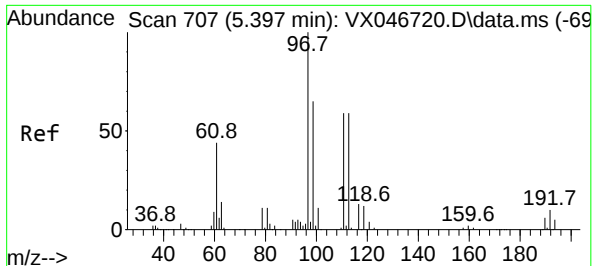
Tgt Ion: 65 Resp: 139483
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046747.D
 Acq: 18 Jun 2025 16:50

Tgt Ion: 114 Resp: 348901
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.2
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.996 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046747.D

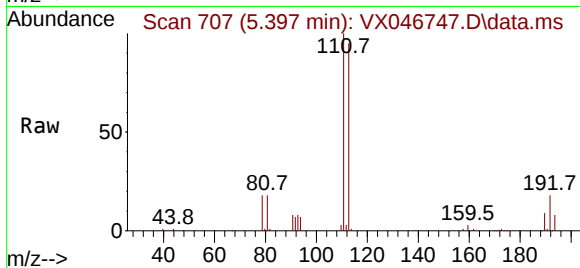
Acq: 18 Jun 2025 16:50

Instrument :

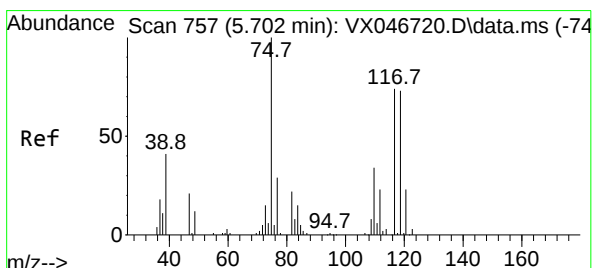
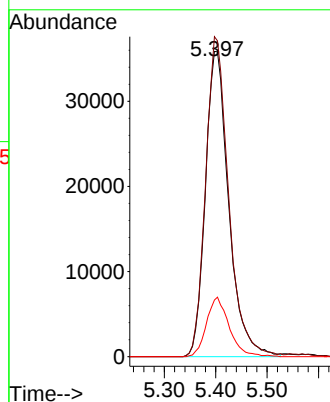
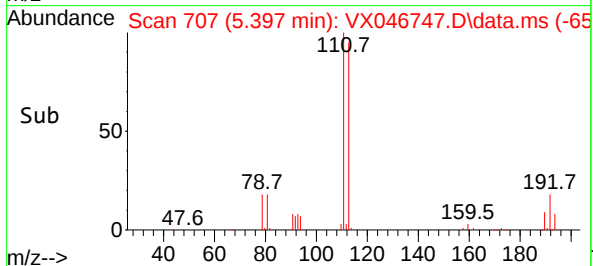
MSVOA_X

ClientSampleId :

BPOW6-4-20250616



Tgt Ion:	113	Resp:	113104
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	19.1	15.3	22.9



#36

1,1-Dichloropropene

Concen: 5.016 ug/l

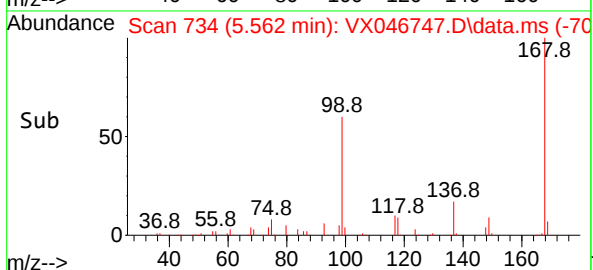
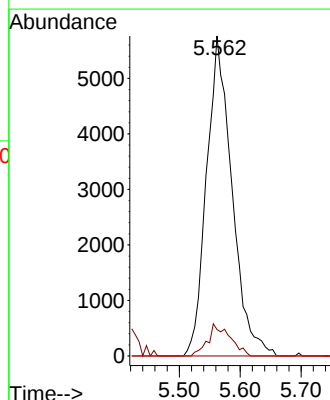
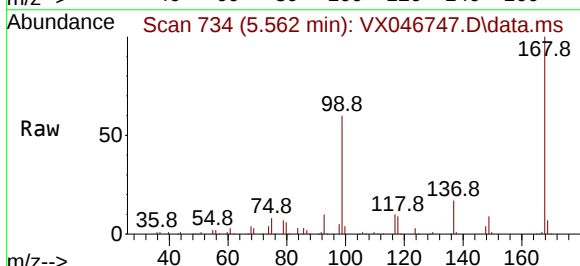
RT: 5.562 min Scan# 734

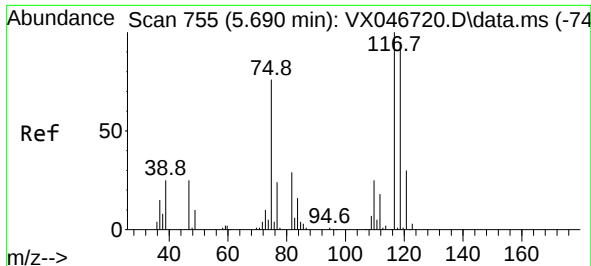
Delta R.T. -0.140 min

Lab File: VX046747.D

Acq: 18 Jun 2025 16:50

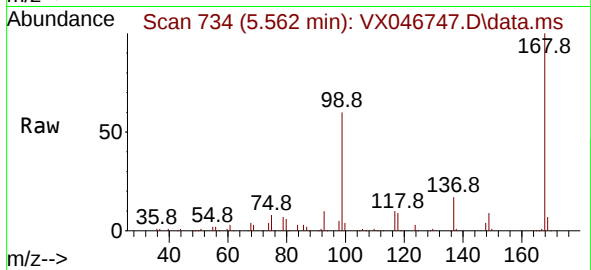
Tgt Ion:	75	Resp:	16715
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.2	51.5#
77	0.0	24.2	36.4#



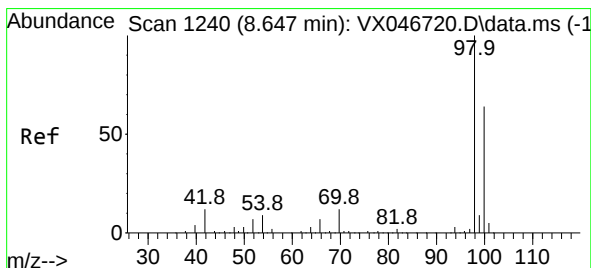
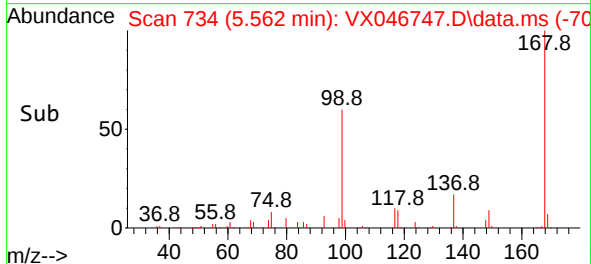
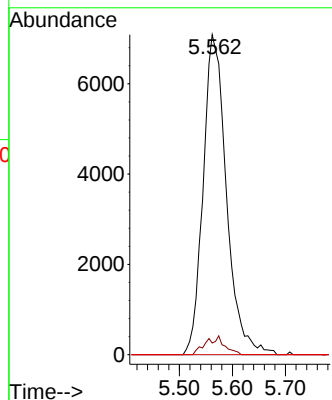


#38
Carbon Tetrachloride
Concen: 5.983 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

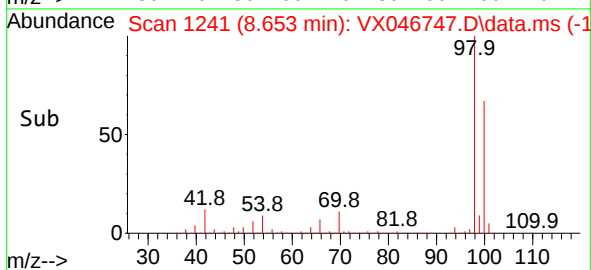
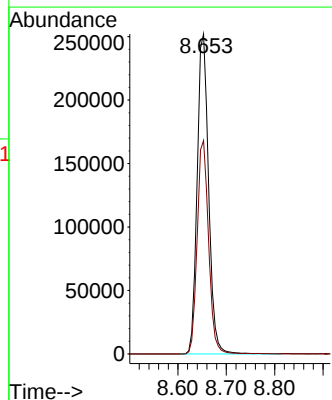
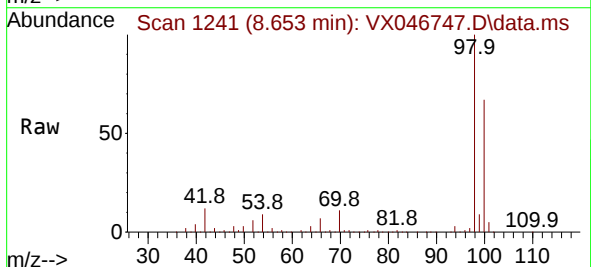


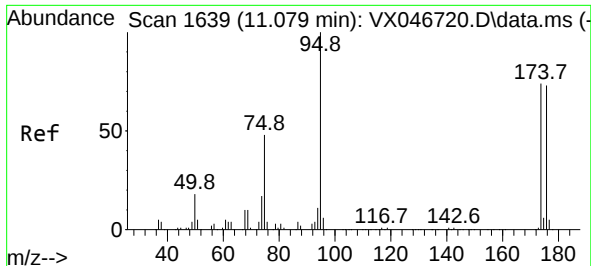
Tgt Ion:117 Resp: 21636
Ion Ratio Lower Upper
117 100
119 3.6 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.848 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Tgt Ion: 98 Resp: 413425
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

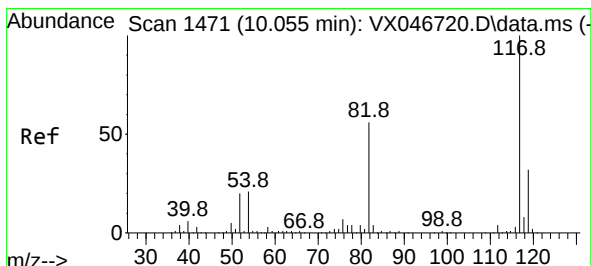
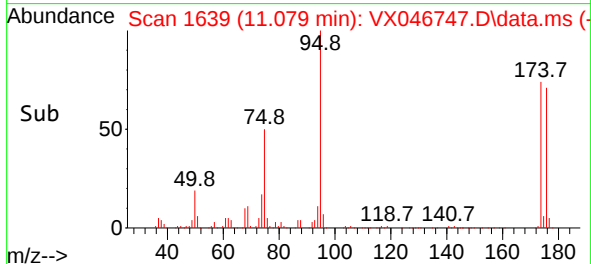
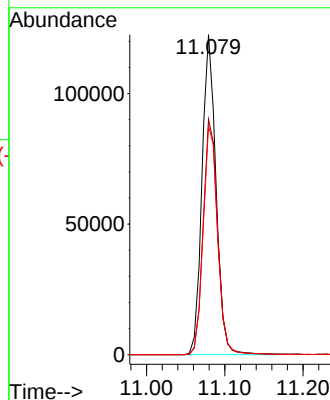
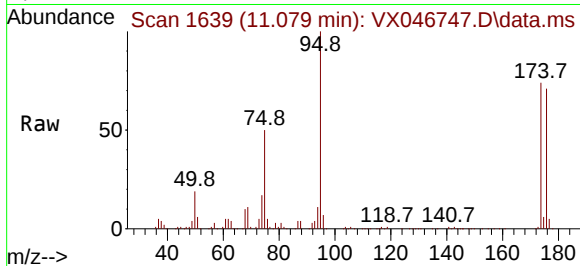




#62
4-Bromofluorobenzene
Concen: 49.158 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

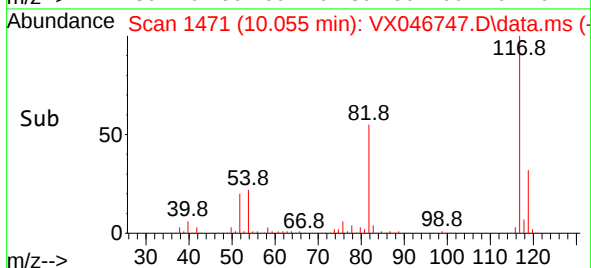
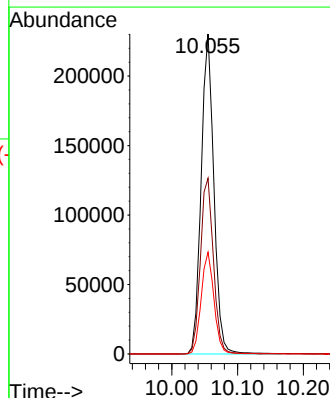
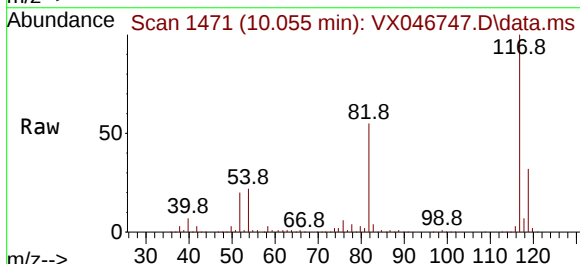
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

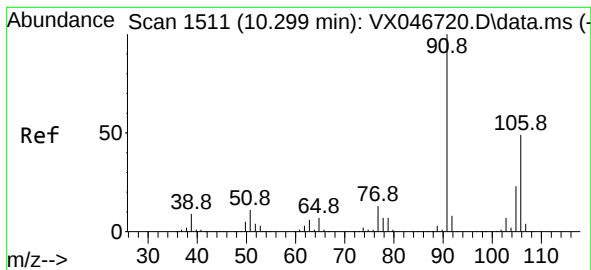
Tgt Ion: 95 Resp: 151978
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.4
176 74.0 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Tgt Ion: 117 Resp: 308900
Ion Ratio Lower Upper
117 100
82 54.9 44.6 66.8
119 31.8 25.8 38.8

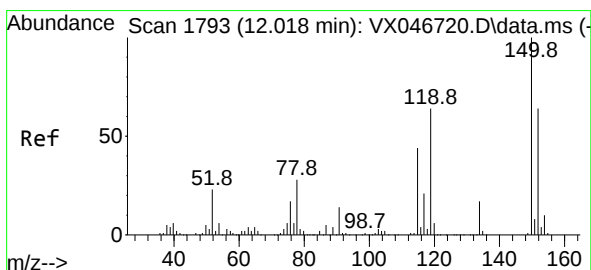
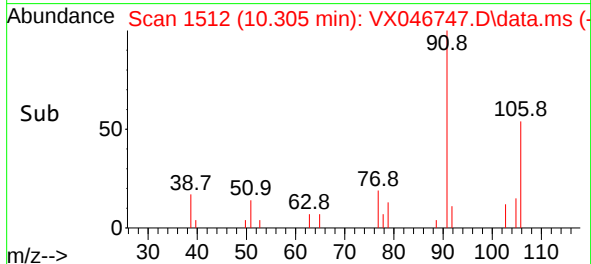
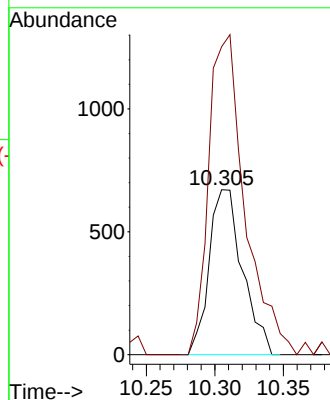
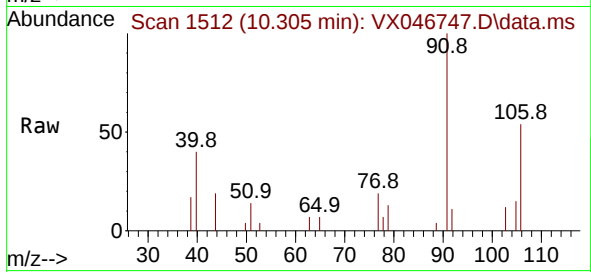




#68
m/p-Xylenes
Concen: 0.257 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

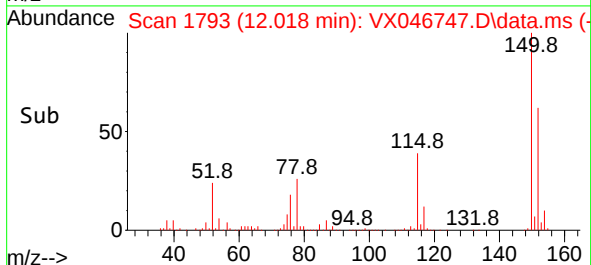
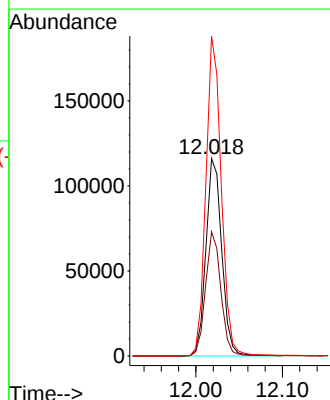
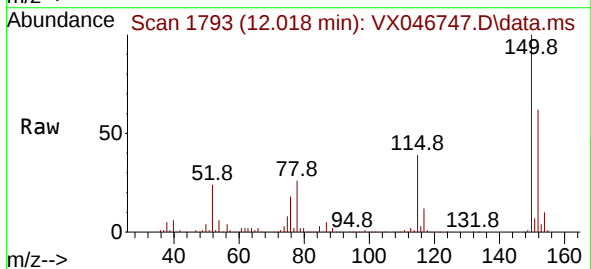
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

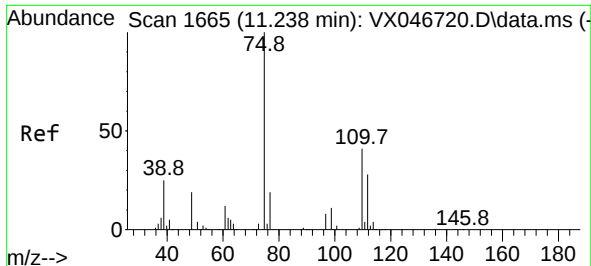
Tgt Ion:106 Resp: 1140
Ion Ratio Lower Upper
106 100
91 209.9 164.8 247.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Tgt Ion:152 Resp: 147369
Ion Ratio Lower Upper
152 100
115 61.2 43.2 129.6
150 157.9 0.0 346.8

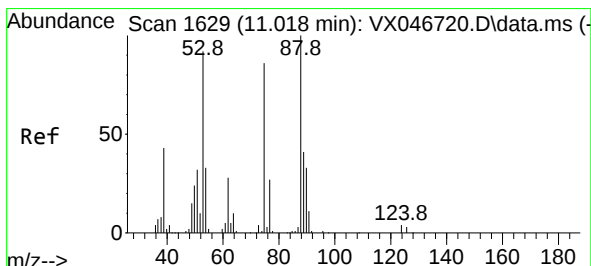
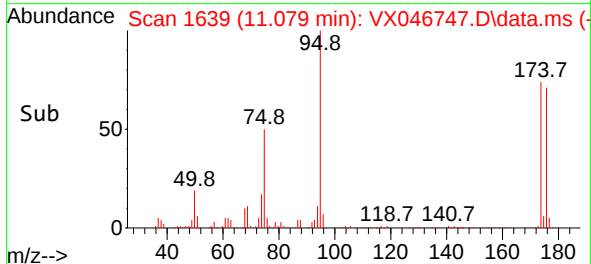
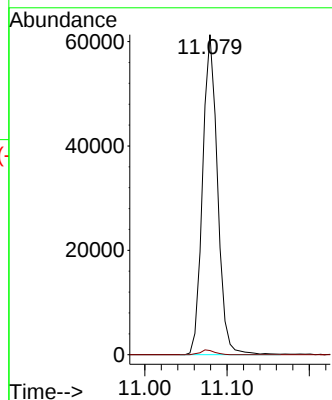
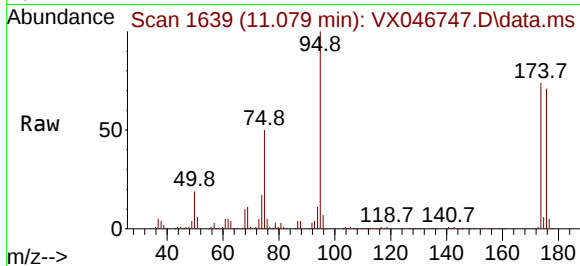




#76
1,2,3-Trichloropropane
Concen: 28.673 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

Tgt Ion: 75 Resp: 77390
Ion Ratio Lower Upper
75 100
77 1.4 18.5 55.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.045 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Tgt Ion: 75 Resp: 77390
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

