

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046735.D
 Acq On : 18 Jun 2025 12:33
 Operator : JC/MD
 Sample : Q2345-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-1-20250616

Quant Time: Jun 19 01:22:45 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)

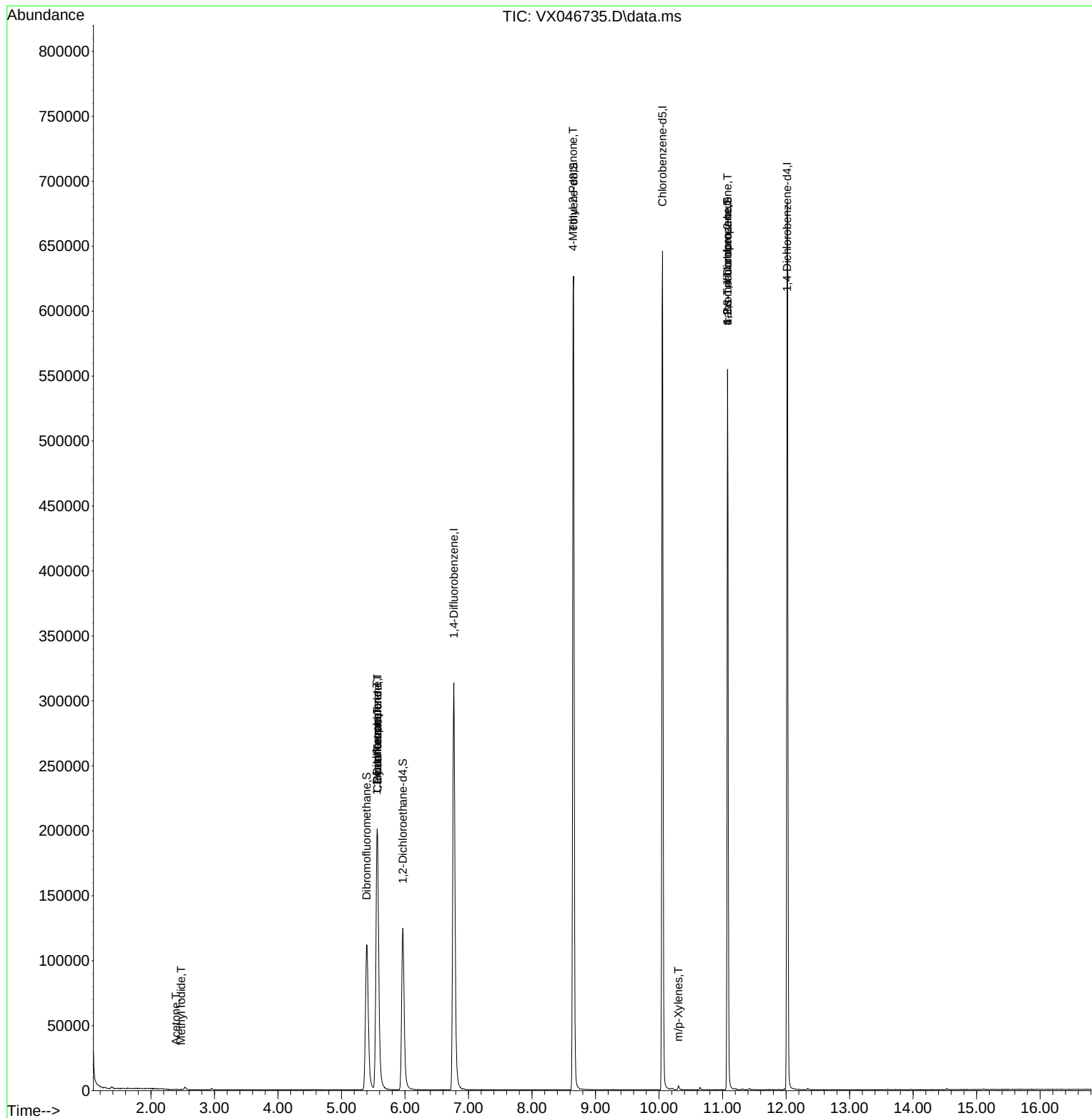
Internal Standards						
1) Pentafluorobenzene	5.562	168	208218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	333734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	140376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129001	44.792	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.580%
35) Dibromofluoromethane	5.397	113	107944	48.886	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.780%
50) Toluene-d8	8.653	98	391165	49.308	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.079	95	143655	48.578	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.160%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.477	142	557	4.504	ug/l #	66
16) Acetone	2.392	43	590	0.614	ug/l #	44
31) Cyclohexane	5.562	56	4353	1.009	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16280	5.107	ug/l #	51
38) Carbon Tetrachloride	5.568	117	21687	6.269	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1839	0.670	ug/l #	1
68) m/p-Xylenes	10.305	106	975	0.232	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	74236	28.874	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.079	75	74236	81.615	ug/l #	7

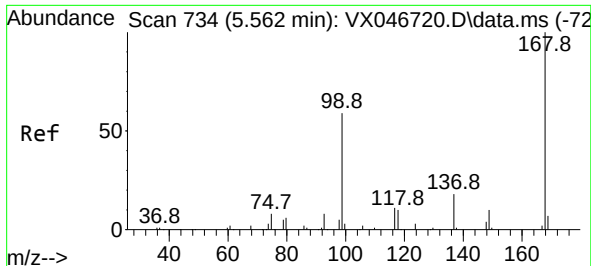
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
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Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250616

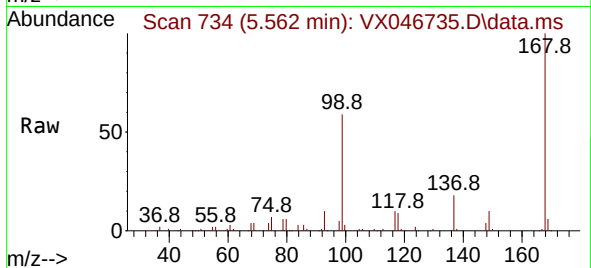
Quant Time: Jun 19 01:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



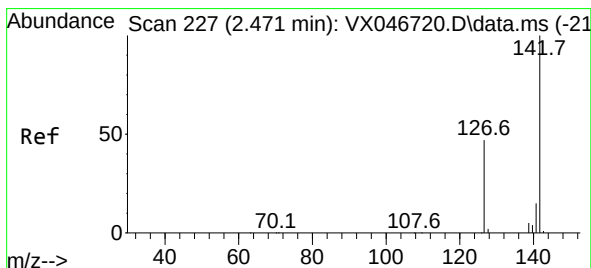
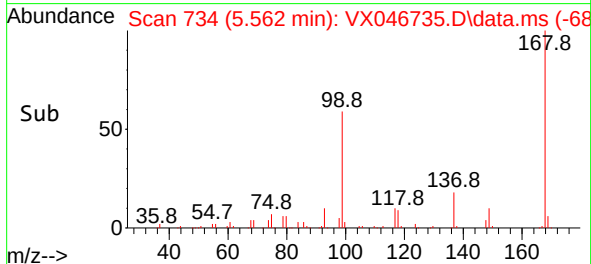
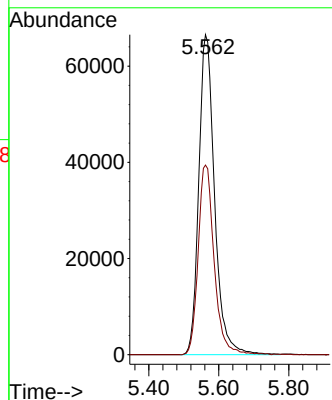


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250616

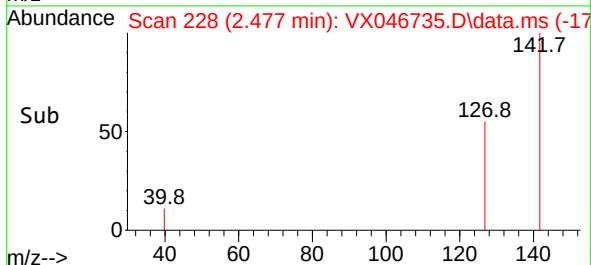
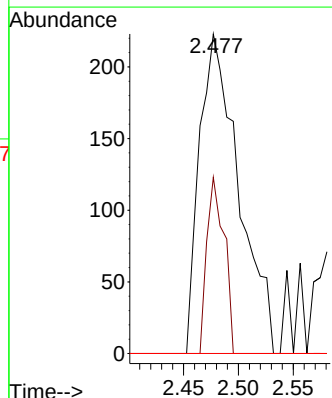
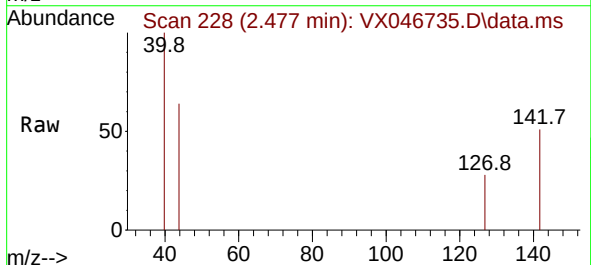


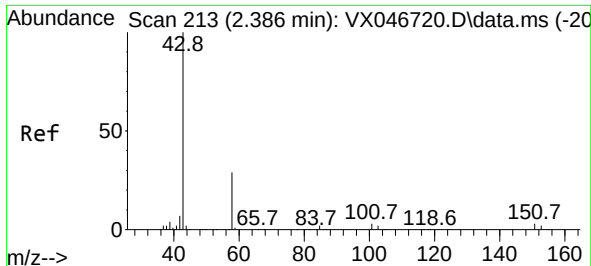
Tgt Ion:168 Resp: 208218
Ion Ratio Lower Upper
168 100
99 59.2 48.5 72.7



#10
Methyl Iodide
Concen: 4.504 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Tgt Ion:142 Resp: 557
Ion Ratio Lower Upper
142 100
127 24.2 37.0 55.6#
141 0.0 11.5 17.3#

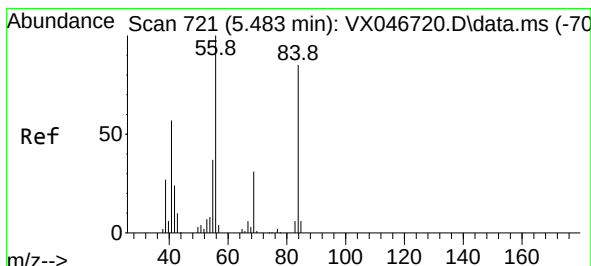
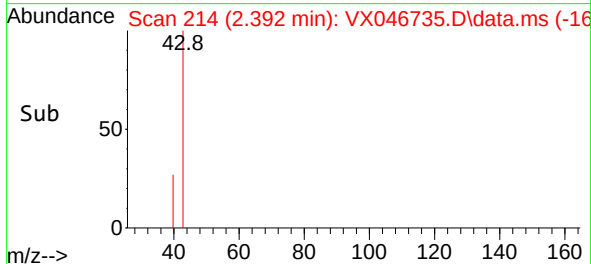
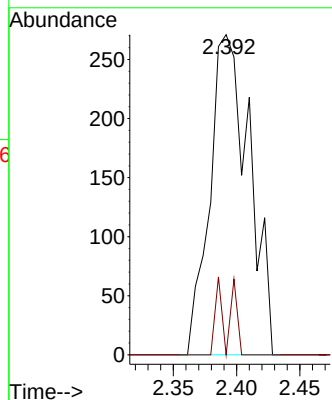
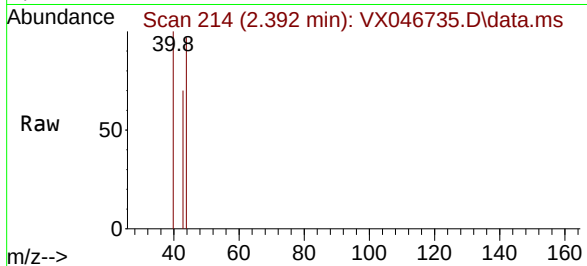




#16
Acetone
Concen: 0.614 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

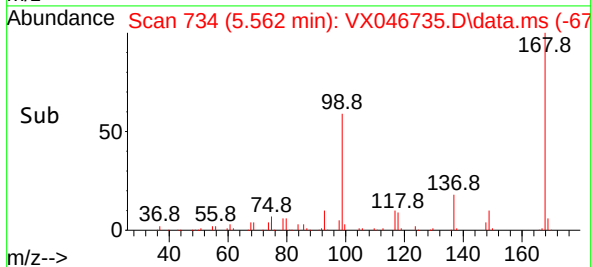
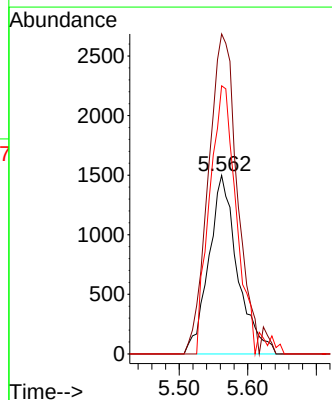
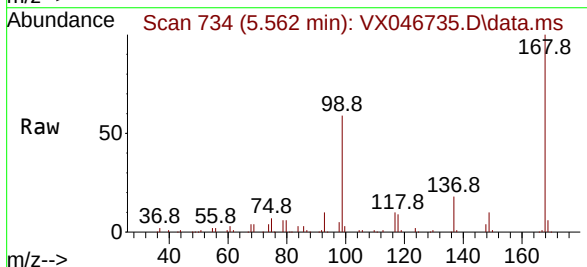
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250616

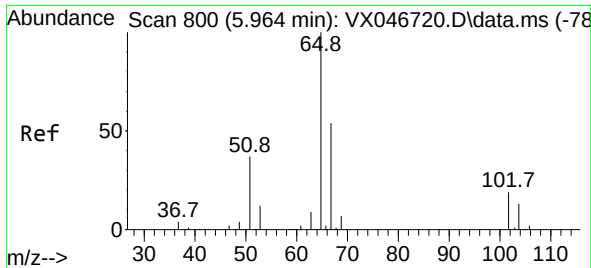
Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Tgt Ion: 56 Resp: 4353
Ion Ratio Lower Upper
56 100
69 179.2 24.8 37.2#
84 150.2 68.2 102.2#

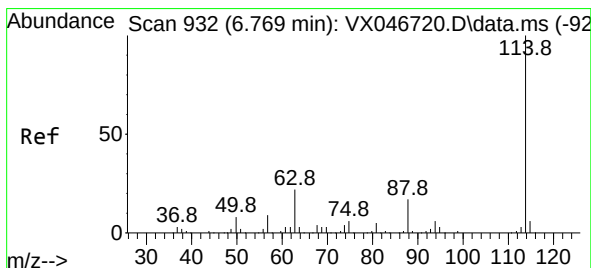
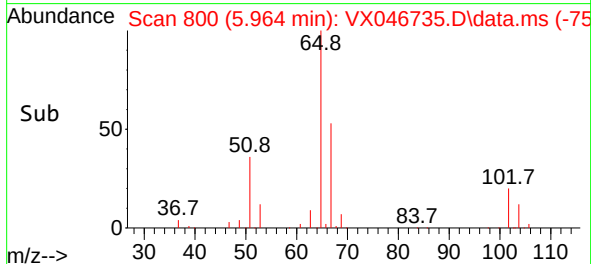
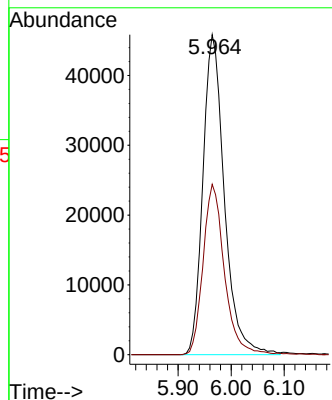
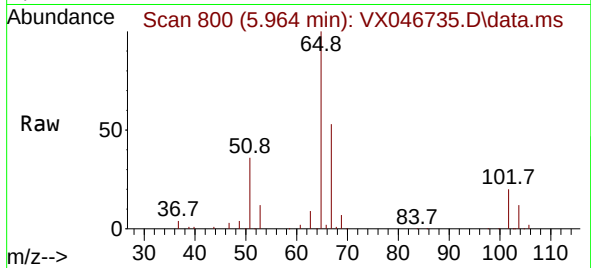




#33
 1,2-Dichloroethane-d4
 Concen: 44.792 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046735.D
 Acq: 18 Jun 2025 12:33

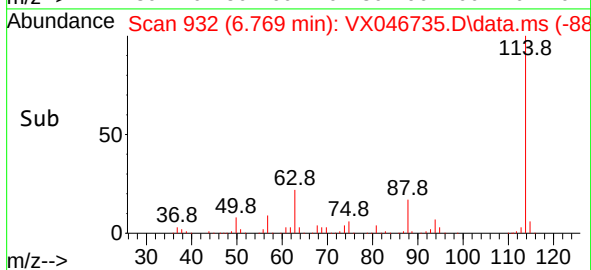
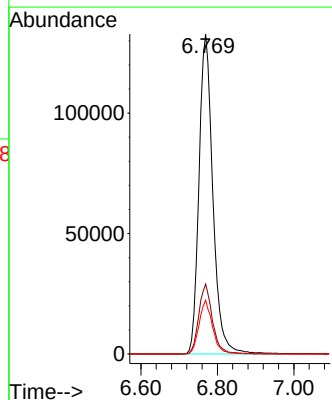
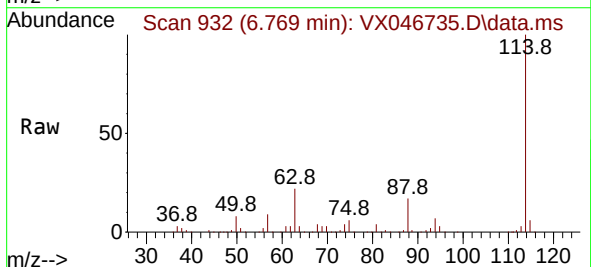
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-1-20250616

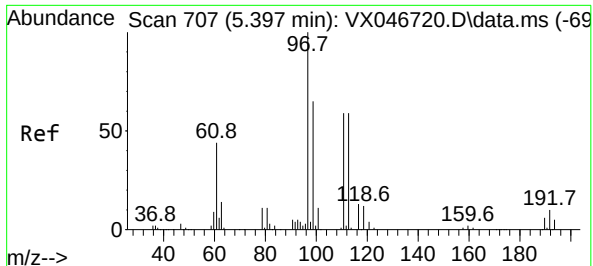
Tgt Ion: 65 Resp: 129001
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046735.D
 Acq: 18 Jun 2025 12:33

Tgt Ion: 114 Resp: 333734
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.2
 88 16.8 0.0 33.2

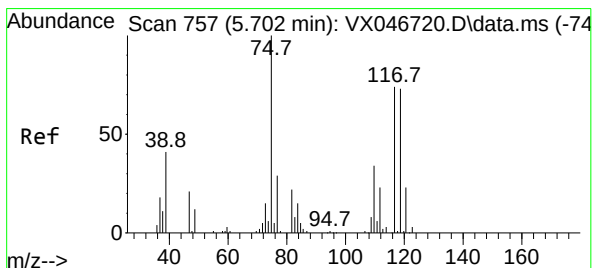
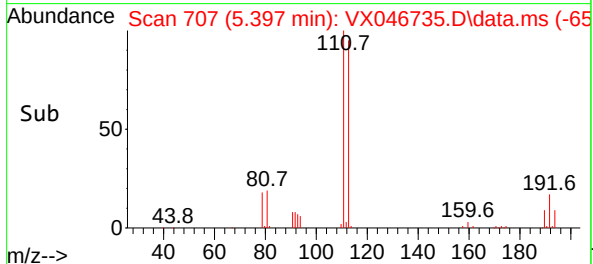
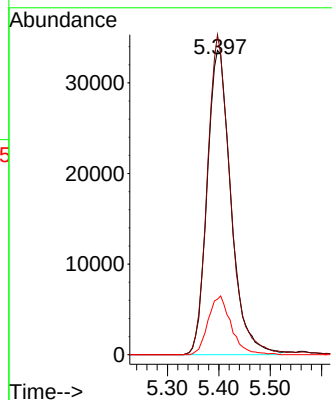
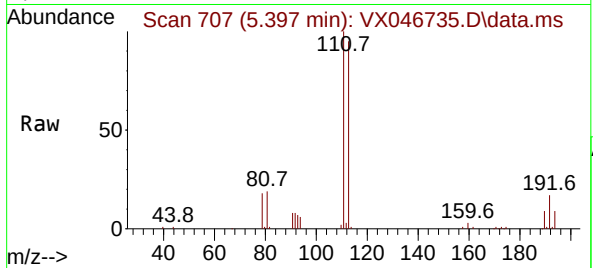




#35
Dibromofluoromethane
Concen: 48.886 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

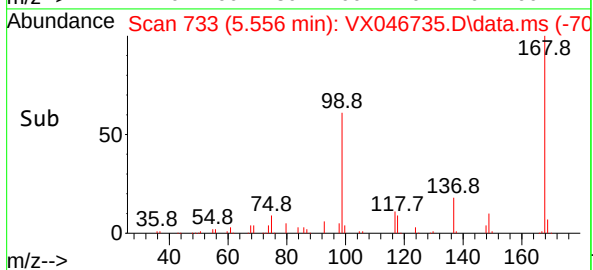
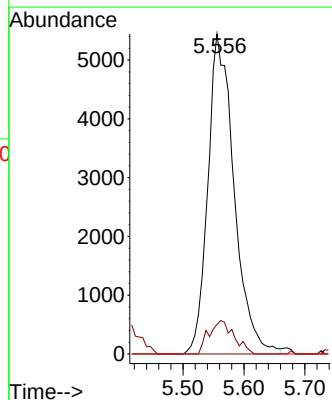
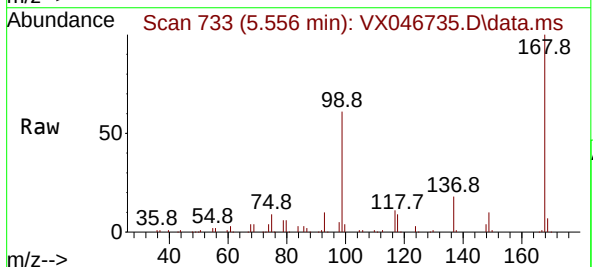
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250616

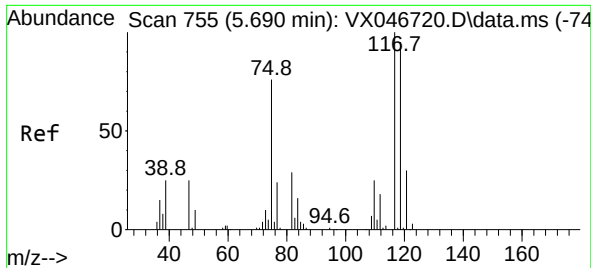
Tgt Ion:113 Resp: 107944
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 18.7 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.107 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

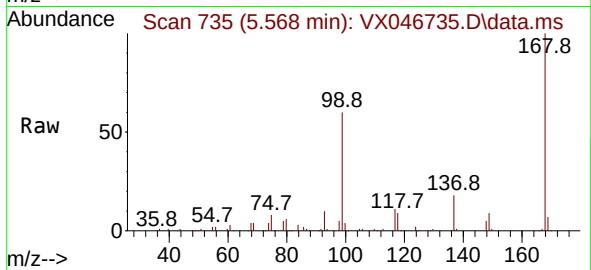
Tgt Ion: 75 Resp: 16280
Ion Ratio Lower Upper
75 100
110 10.0 17.2 51.5#
77 0.0 24.2 36.4#



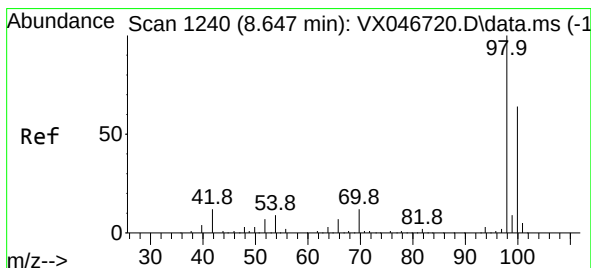
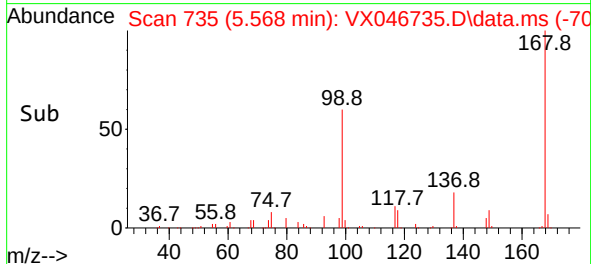
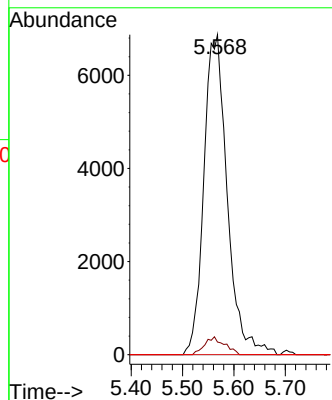


#38
Carbon Tetrachloride
Concen: 6.269 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250616

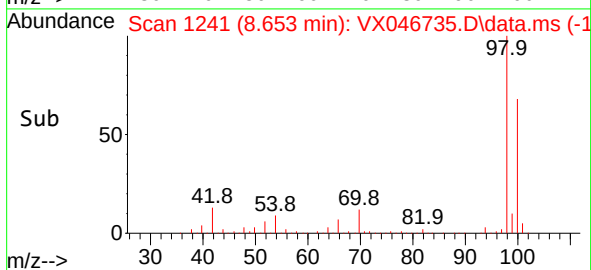
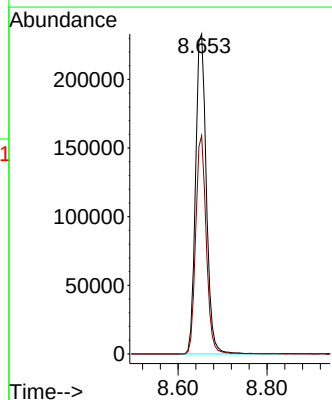
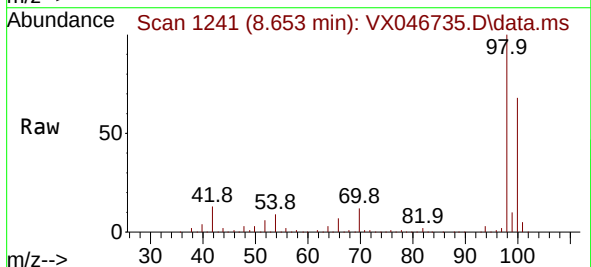


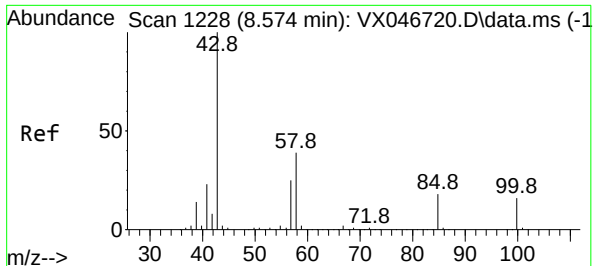
Tgt Ion:117 Resp: 21687
Ion Ratio Lower Upper
117 100
119 3.9 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.308 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Tgt Ion: 98 Resp: 391165
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 0.670 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX046735.D

Acq: 18 Jun 2025 12:33

Instrument :

MSVOA_X

ClientSampleId :

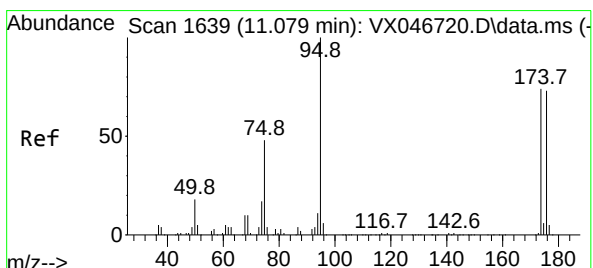
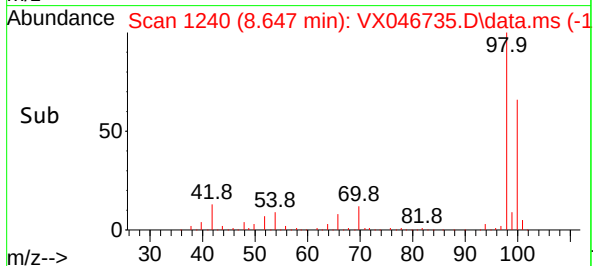
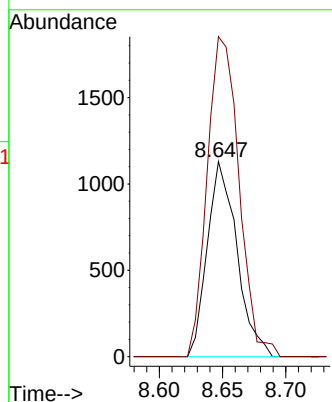
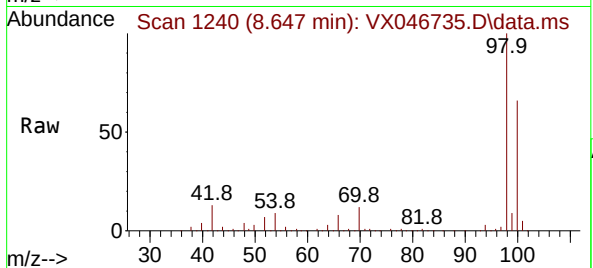
BPOW6-1-20250616

Tgt Ion: 43 Resp: 1839

Ion Ratio Lower Upper

43 100

58 176.2 30.8 46.2#



#62

4-Bromofluorobenzene

Concen: 48.578 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX046735.D

Acq: 18 Jun 2025 12:33

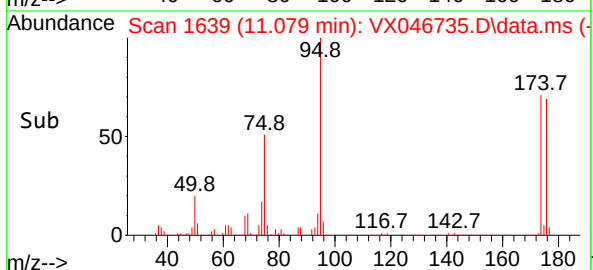
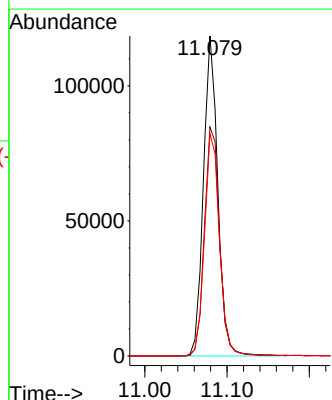
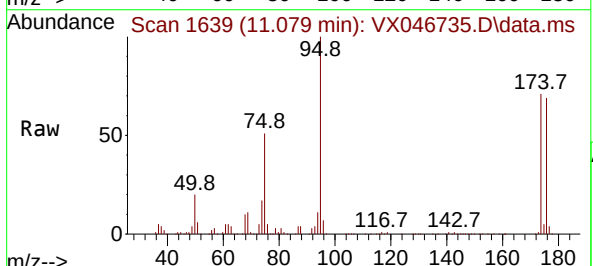
Tgt Ion: 95 Resp: 143655

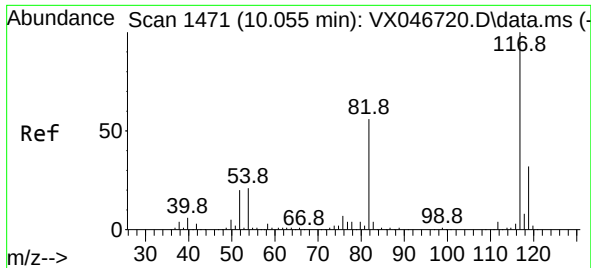
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.4

176 72.6 0.0 145.0

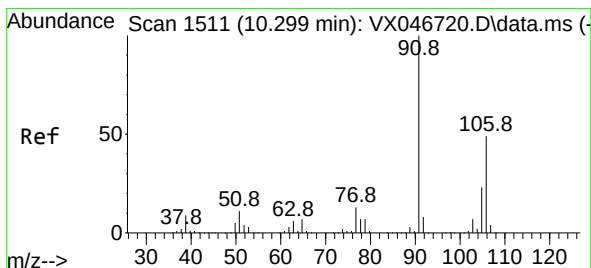
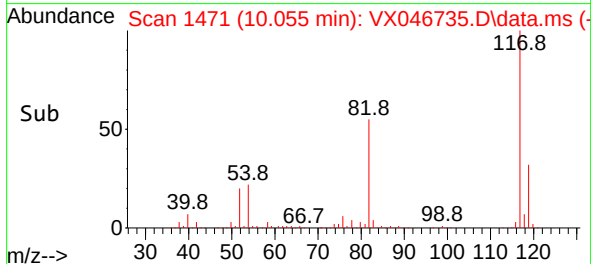
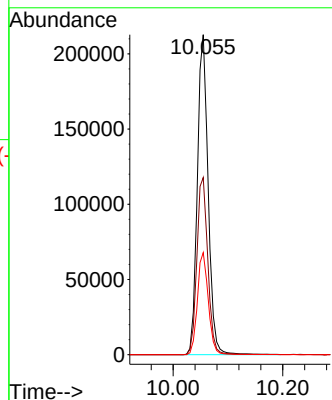
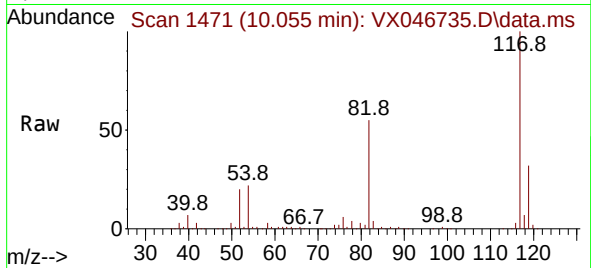




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

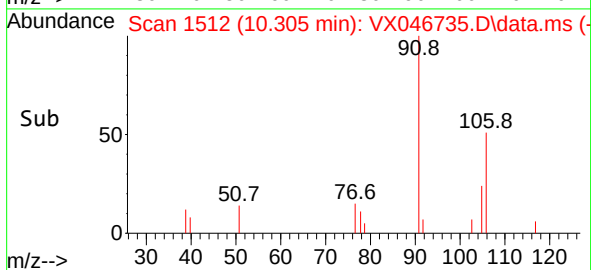
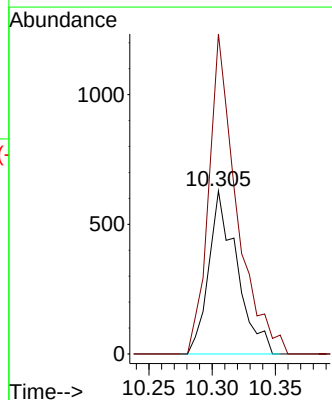
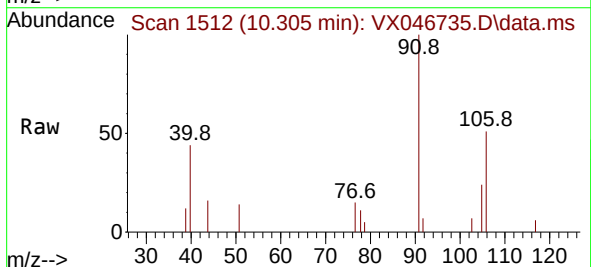
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250616

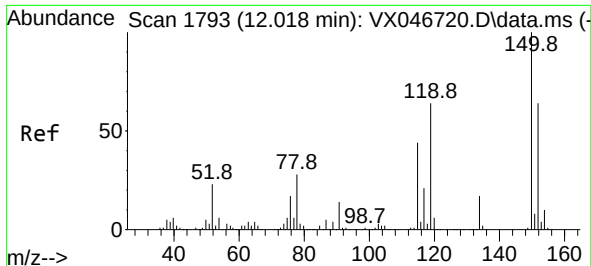
Tgt Ion:117 Resp: 292626
Ion Ratio Lower Upper
117 100
82 55.3 44.6 66.8
119 31.9 25.8 38.8



#68
m/p-Xylenes
Concen: 0.232 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Tgt Ion:106 Resp: 975
Ion Ratio Lower Upper
106 100
91 193.6 164.8 247.2

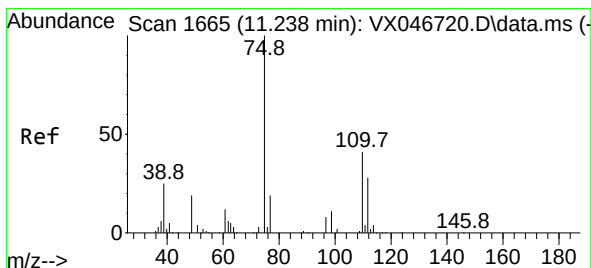
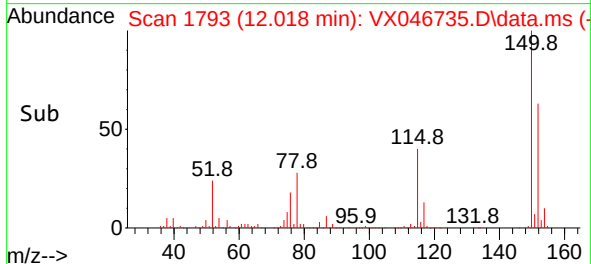
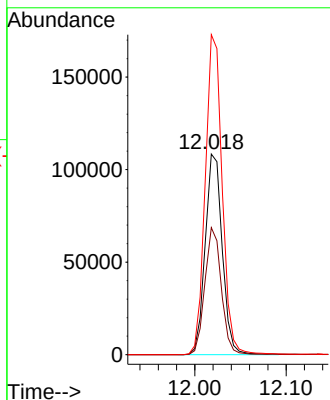
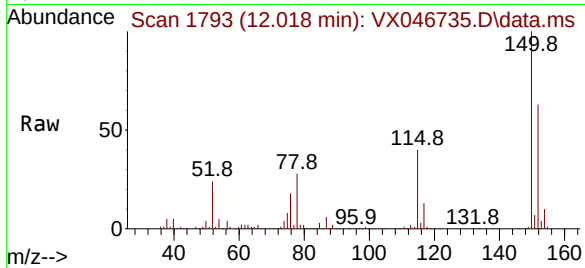




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046735.D
 Acq: 18 Jun 2025 12:33

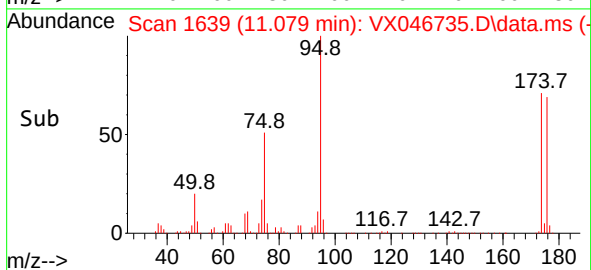
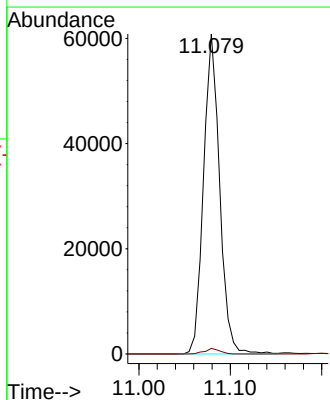
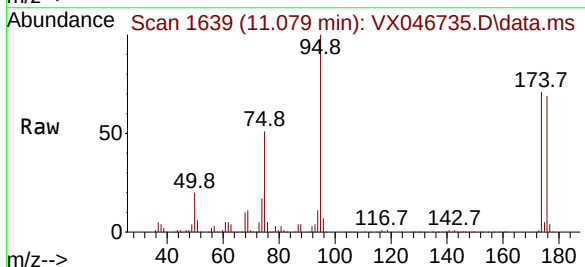
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-1-20250616

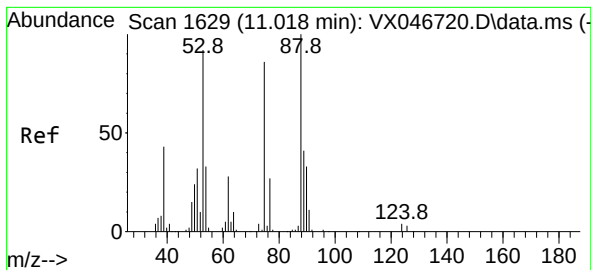
Tgt Ion:152 Resp: 140376
 Ion Ratio Lower Upper
 152 100
 115 61.3 43.2 129.6
 150 158.4 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 28.874 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046735.D
 Acq: 18 Jun 2025 12:33

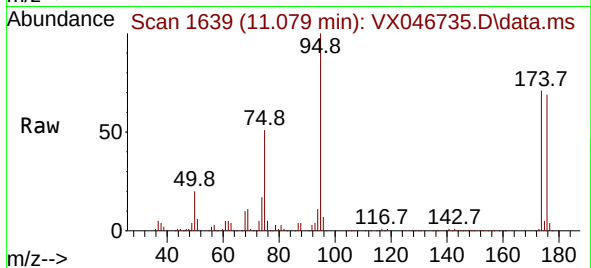
Tgt Ion: 75 Resp: 74236
 Ion Ratio Lower Upper
 75 100
 77 1.6 18.5 55.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.615 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046735.D
 Acq: 18 Jun 2025 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-1-20250616



Tgt Ion: 75 Resp: 74236
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 36.9 55.3#

