

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047758.D
 Acq On : 24 Sep 2025 07:40
 Operator : JC/MD
 Sample : Q3127-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20250917

Quant Time: Sep 24 08:03:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

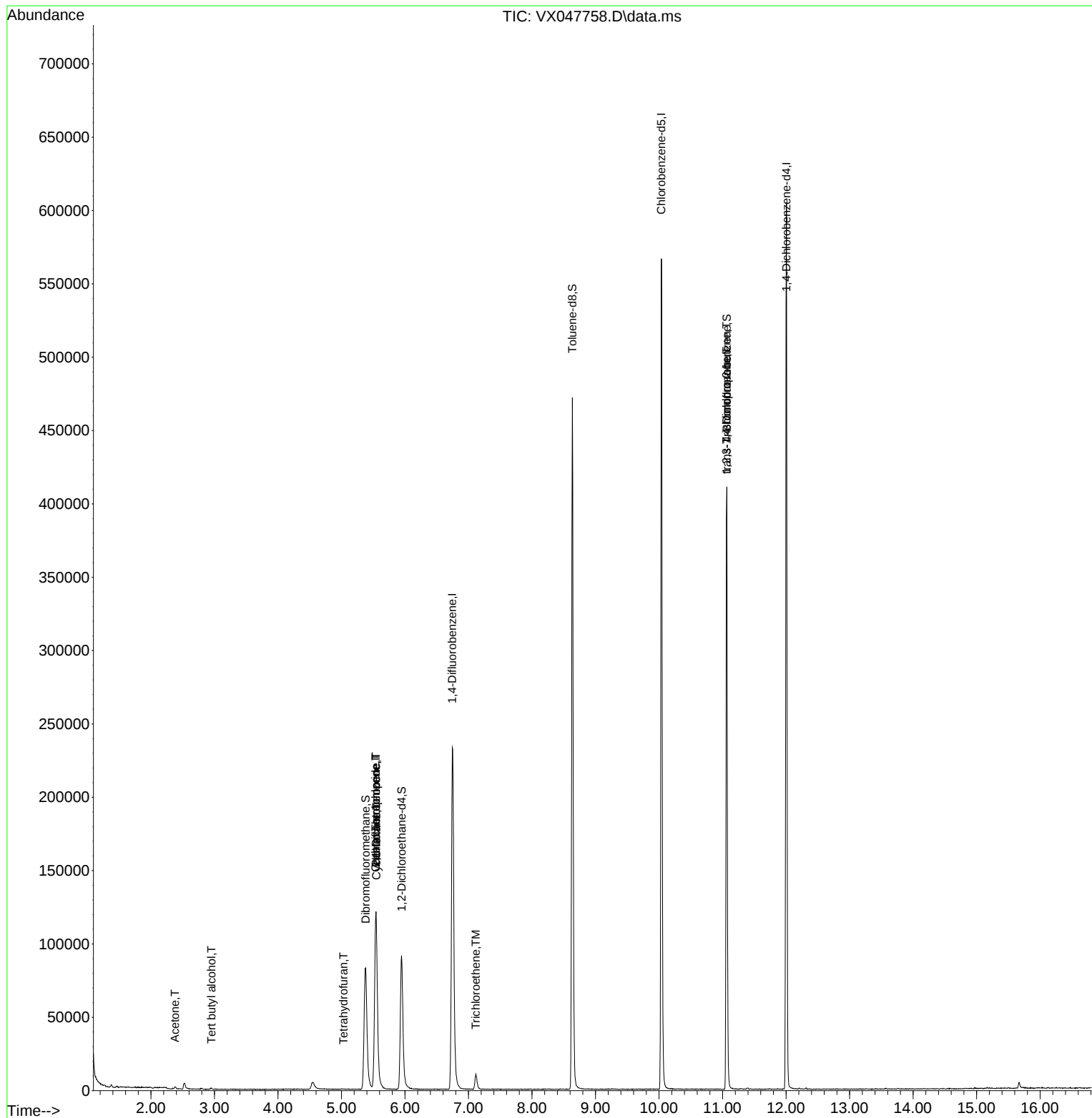
Internal Standards						
1) Pentafluorobenzene	5.543	168	123927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	259410	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	259145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98075	49.719	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.440%
35) Dibromofluoromethane	5.379	113	83648	48.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	8.634	98	286848	47.650	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.300%
62) 4-Bromofluorobenzene	11.067	95	120408	52.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.952	59	201	0.915	ug/l #	72
16) Acetone	2.379	43	2007	2.340	ug/l	94
29) Tetrahydrofuran	5.031	42	187	0.291	ug/l #	45
31) Cyclohexane	5.550	56	2553	0.979	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	10560	4.154	ug/l #	51
38) Carbon Tetrachloride	5.537	117	13103	4.744	ug/l #	18
44) Trichloroethene	7.116	130	4546	2.435	ug/l	95
76) 1,2,3-Trichloropropane	11.061	75	62210	24.269	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	62210	61.890	ug/l #	8

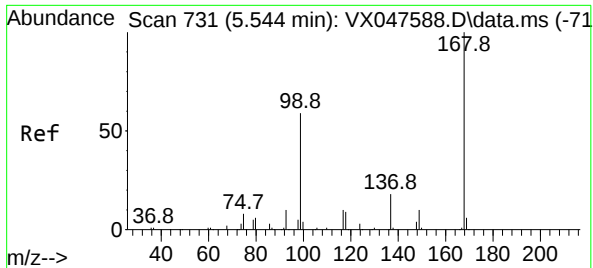
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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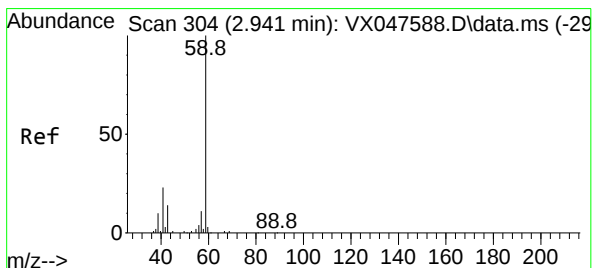
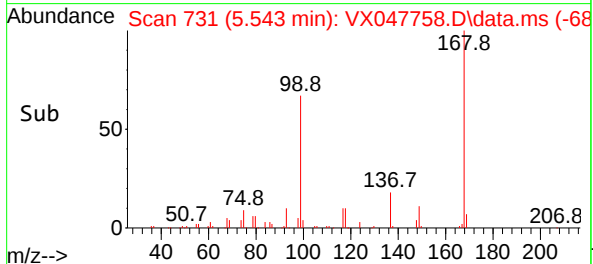
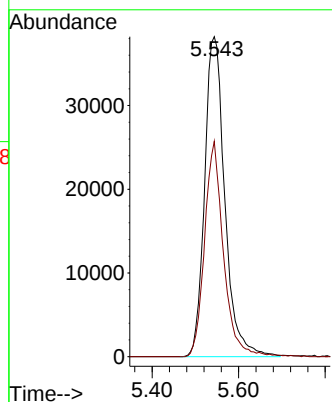
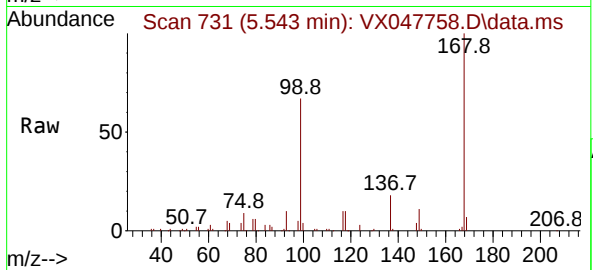




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

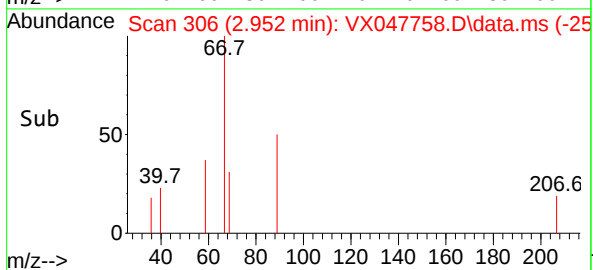
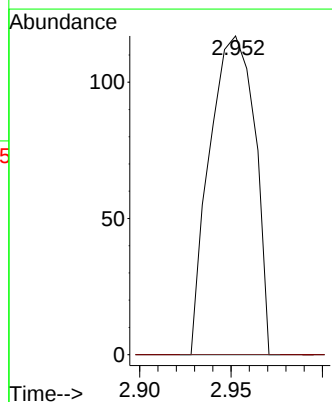
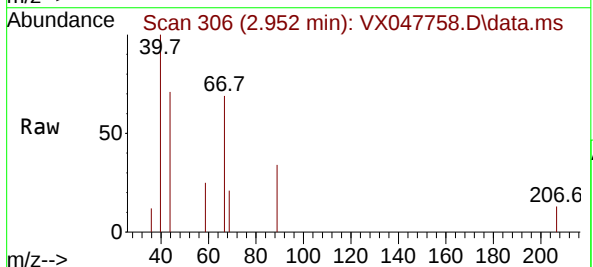
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250917

Tgt Ion:168 Resp: 123927
Ion Ratio Lower Upper
168 100
99 67.3 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.915 ug/l
RT: 2.952 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

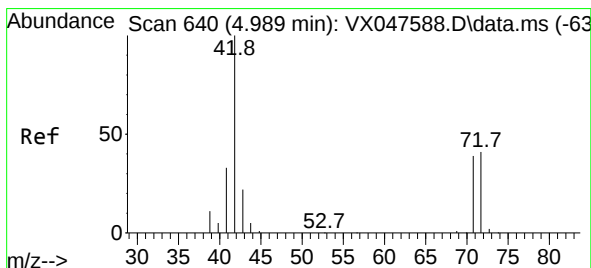
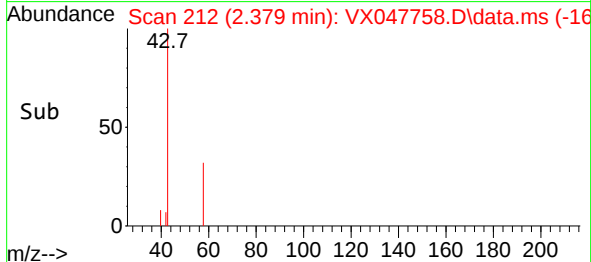
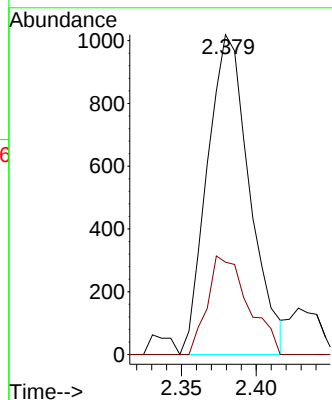
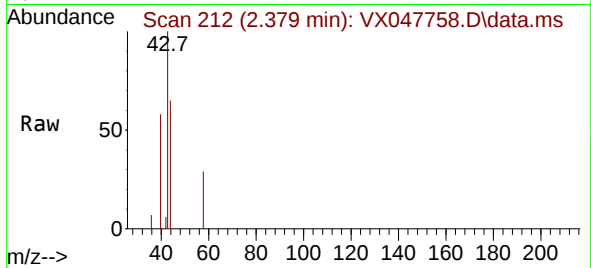




#16
Acetone
Concen: 2.340 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

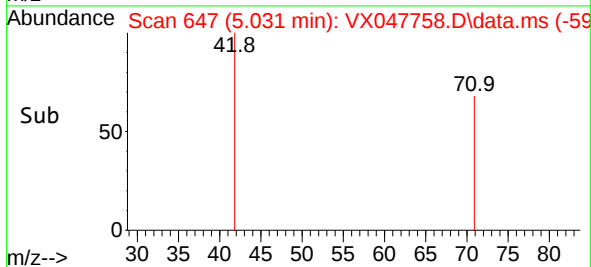
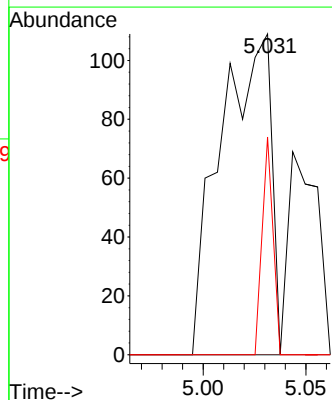
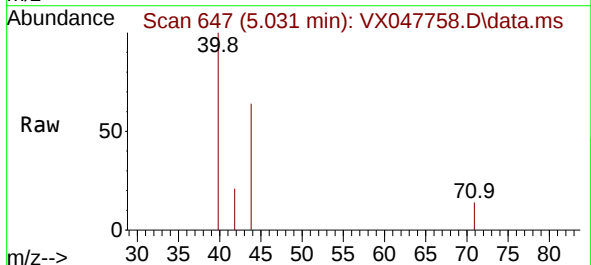
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250917

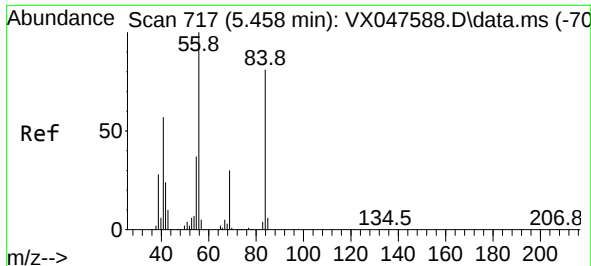
Tgt Ion: 43 Resp: 2007
Ion Ratio Lower Upper
43 100
58 32.3 23.4 35.0



#29
Tetrahydrofuran
Concen: 0.291 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.042 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

Tgt Ion: 42 Resp: 187
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.2#
71 14.4 31.9 47.9#

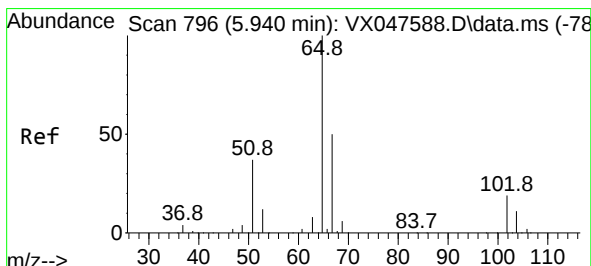
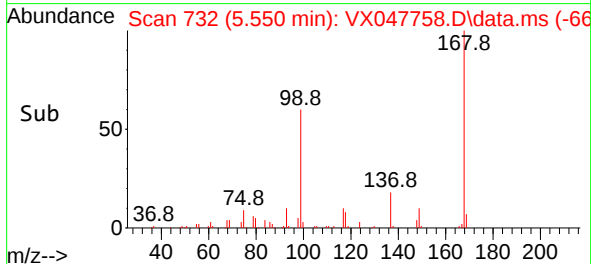
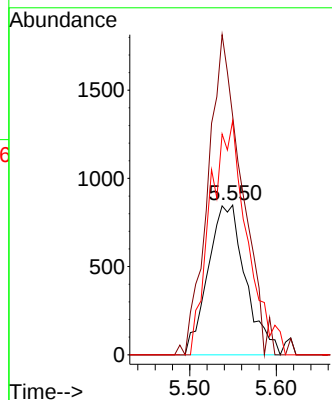
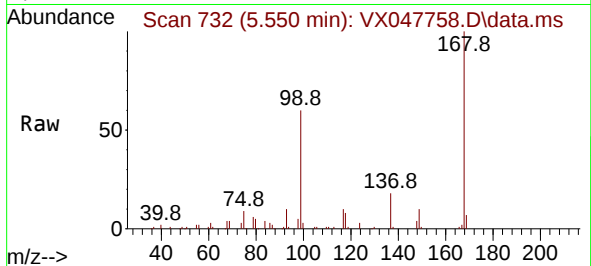




#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

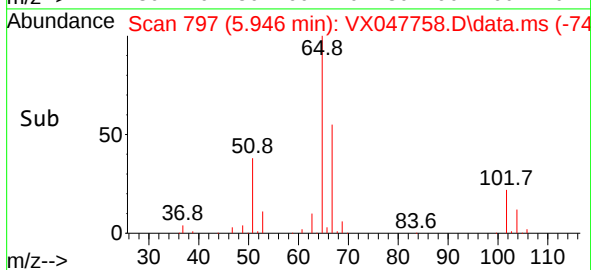
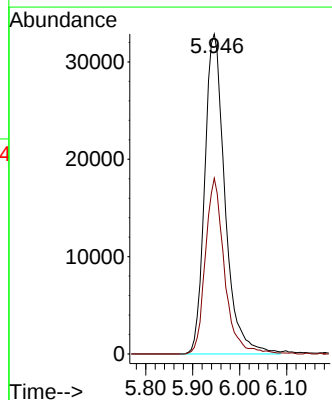
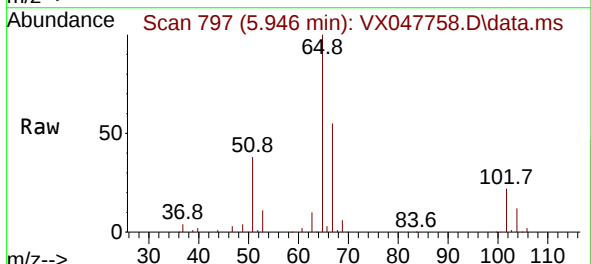
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250917

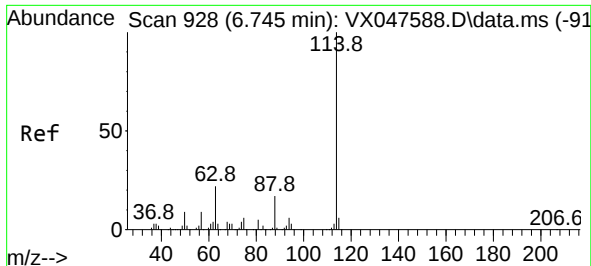
Tgt Ion: 56 Resp: 2553
Ion Ratio Lower Upper
56 100
69 159.4 23.8 35.8#
84 156.3 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 49.719 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

Tgt Ion: 65 Resp: 98075
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

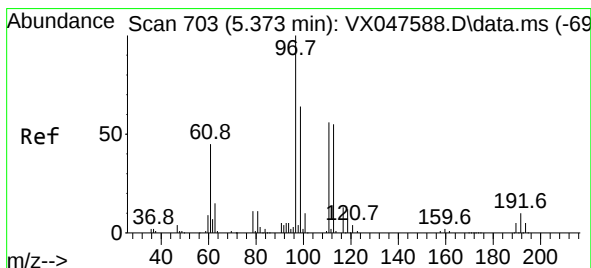
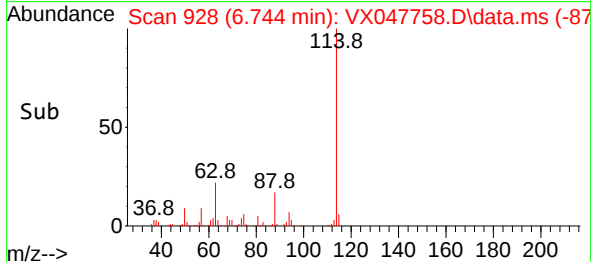
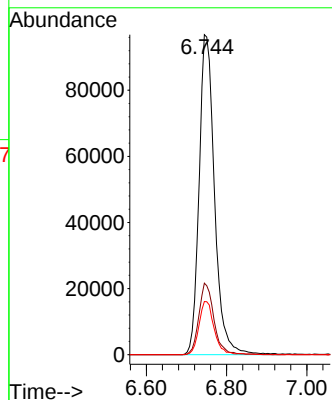
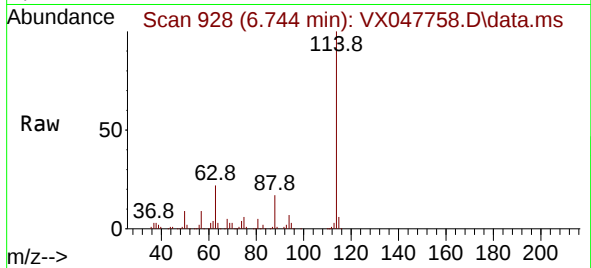




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

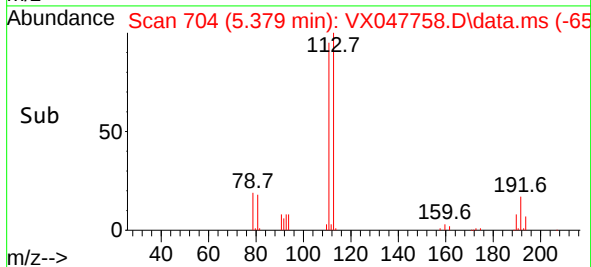
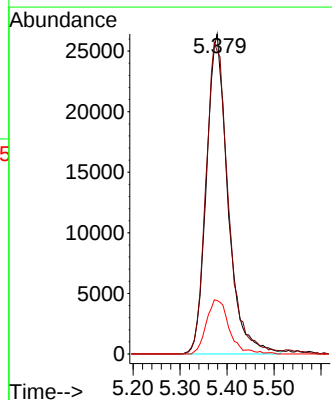
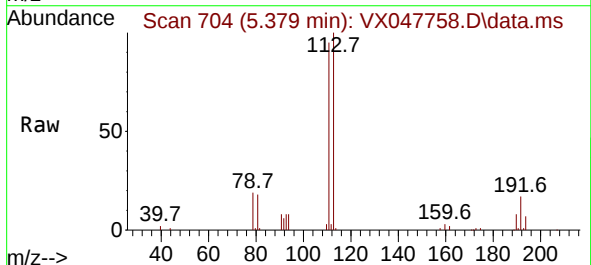
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250917

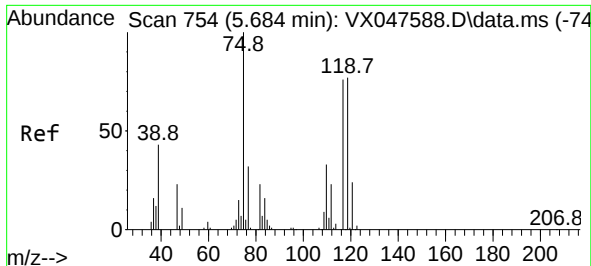
Tgt Ion:114 Resp: 259410
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.081 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

Tgt Ion:113 Resp: 83648
Ion Ratio Lower Upper
113 100
111 101.8 80.9 121.3
192 17.9 14.2 21.4

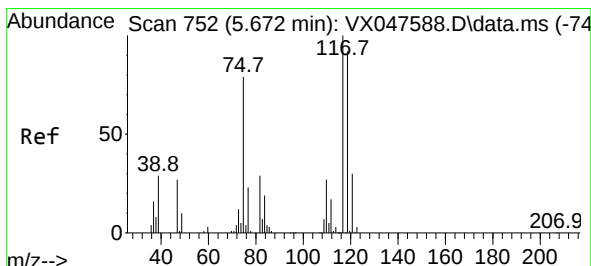
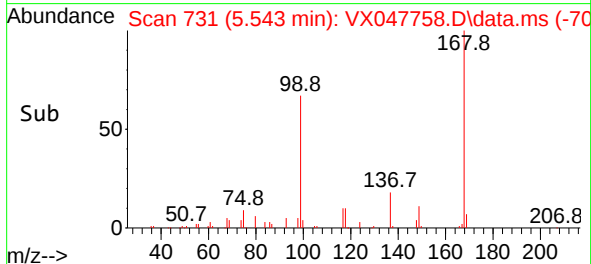
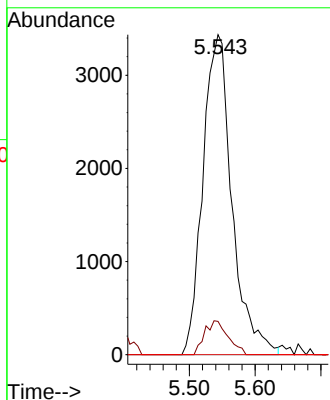
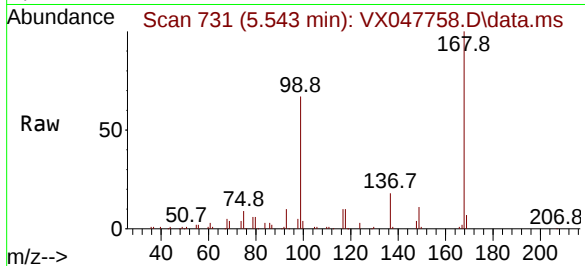




#36
1,1-Dichloropropene
Concen: 4.154 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

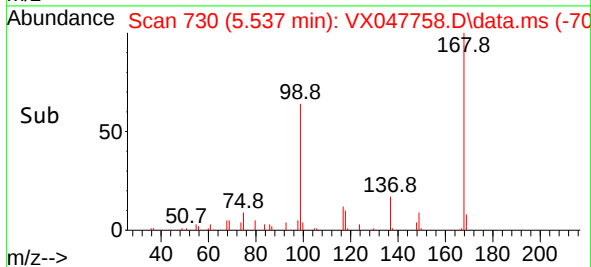
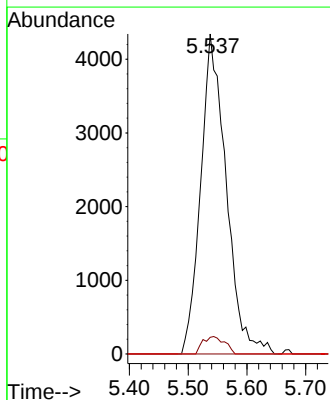
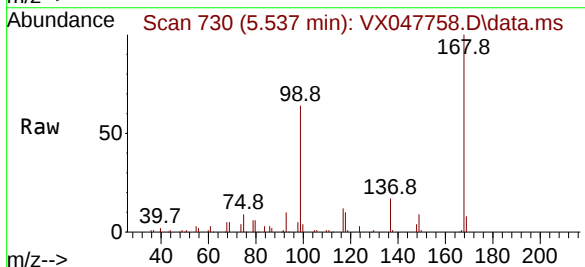
Instrument :
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ClientSampleId :
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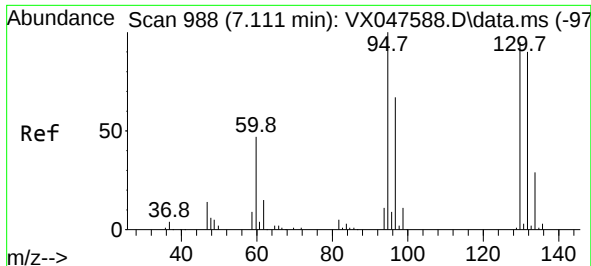
Tgt Ion: 75 Resp: 10560
Ion Ratio Lower Upper
75 100
110 8.6 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.744 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

Tgt Ion: 117 Resp: 13103
Ion Ratio Lower Upper
117 100
119 5.2 73.4 110.2#
121 0.0 23.8 35.6#

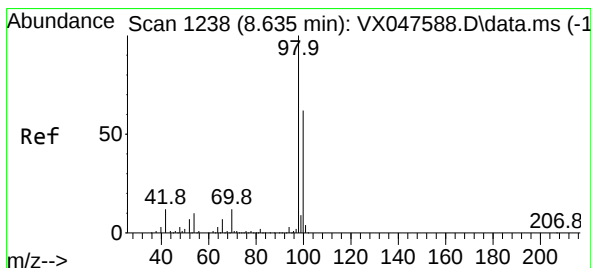
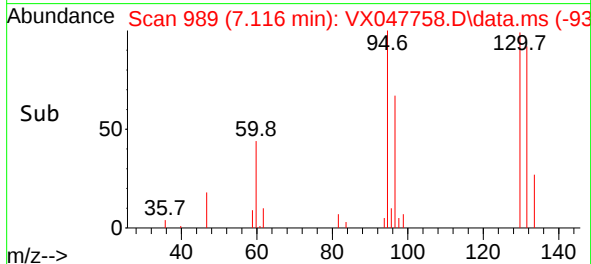
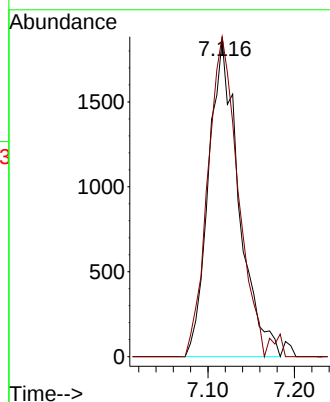
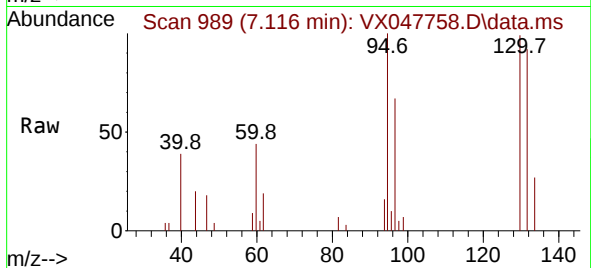




#44
Trichloroethene
Concen: 2.435 ug/l
RT: 7.116 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

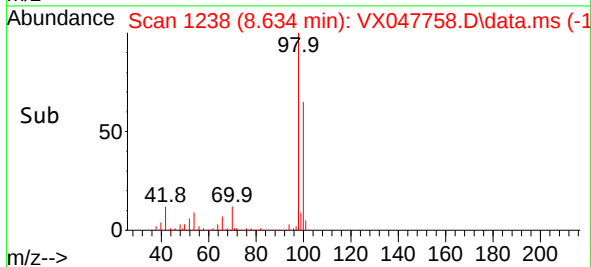
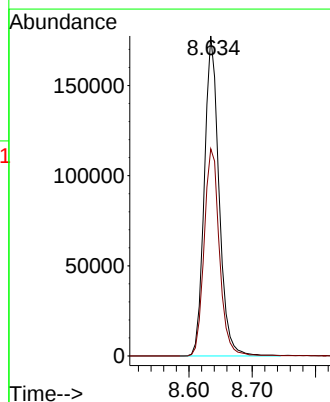
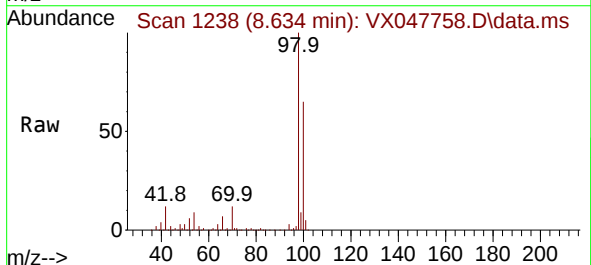
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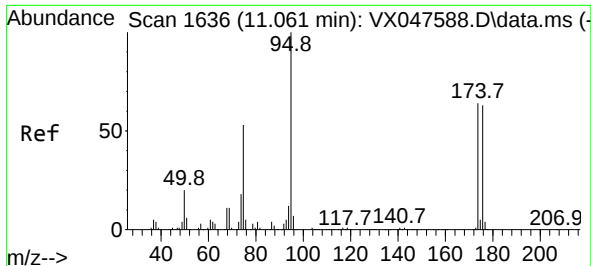
Tgt Ion:130 Resp: 4546
Ion Ratio Lower Upper
130 100
95 110.6 0.0 210.8



#50
Toluene-d8
Concen: 47.650 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

Tgt Ion: 98 Resp: 286848
Ion Ratio Lower Upper
98 100
100 67.4 53.0 79.4

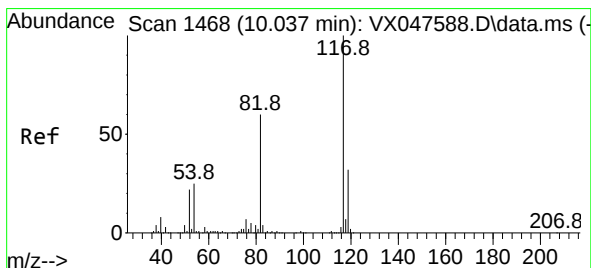
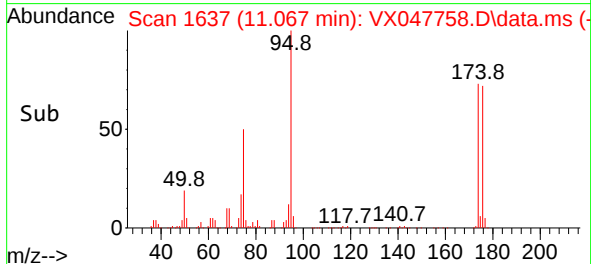
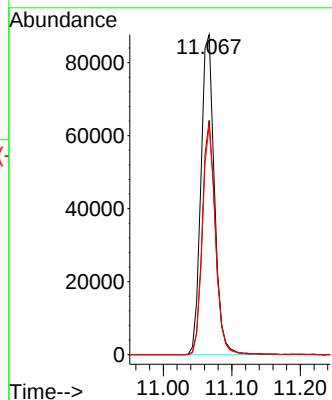
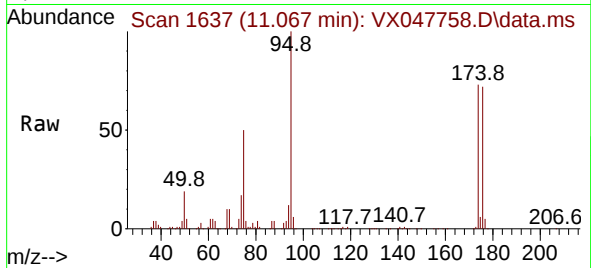




#62
4-Bromofluorobenzene
Concen: 52.703 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

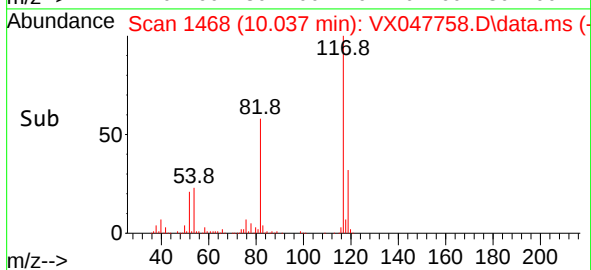
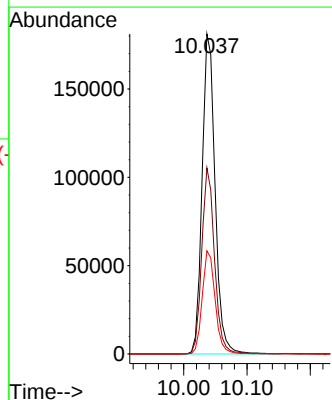
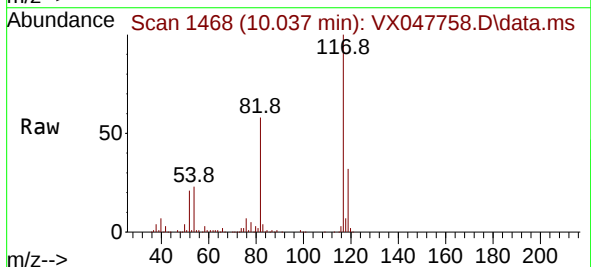
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250917

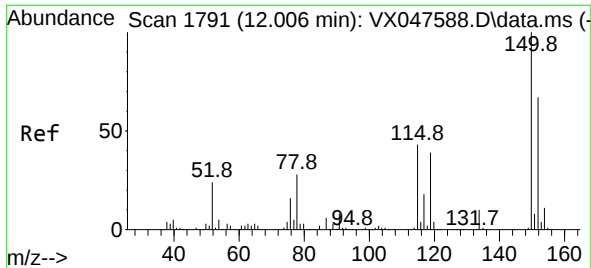
Tgt Ion: 95 Resp: 120408
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.6
176 69.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

Tgt Ion: 117 Resp: 259145
Ion Ratio Lower Upper
117 100
82 58.1 47.8 71.6
119 32.2 25.2 37.8

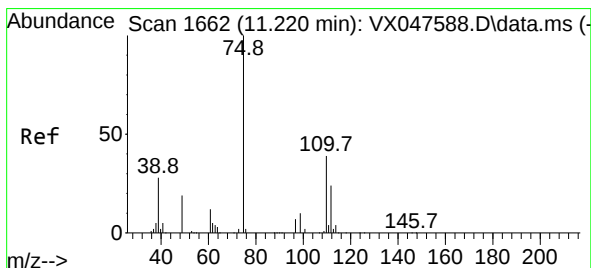
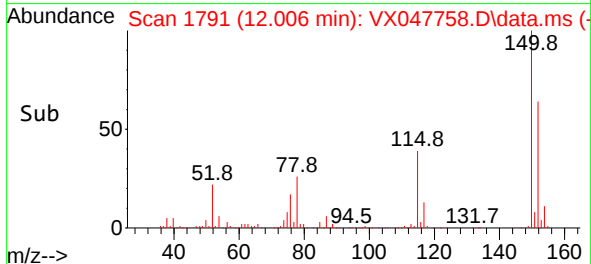
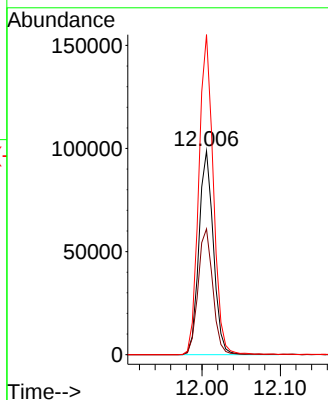
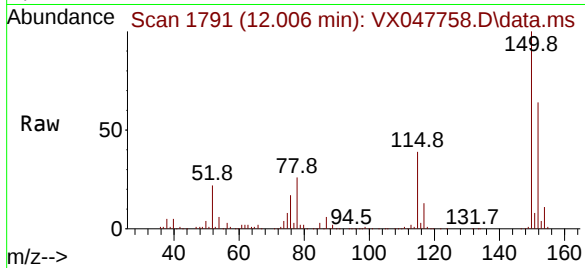




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

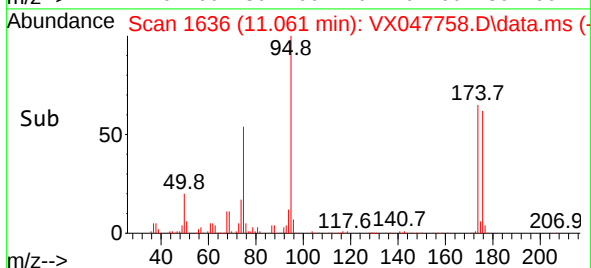
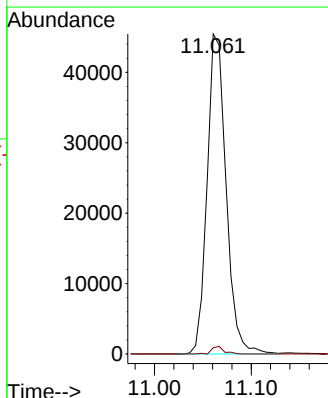
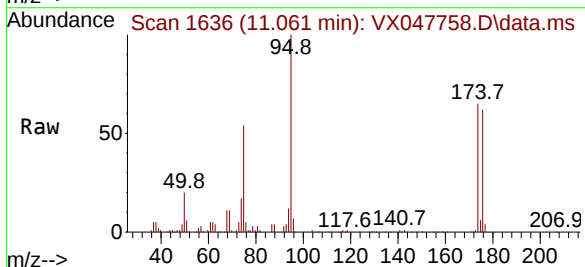
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250917

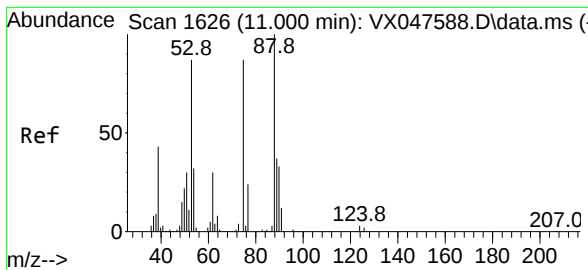
Tgt Ion:152 Resp: 126603
Ion Ratio Lower Upper
152 100
115 62.9 44.9 134.5
150 157.8 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 24.269 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047758.D
Acq: 24 Sep 2025 07:40

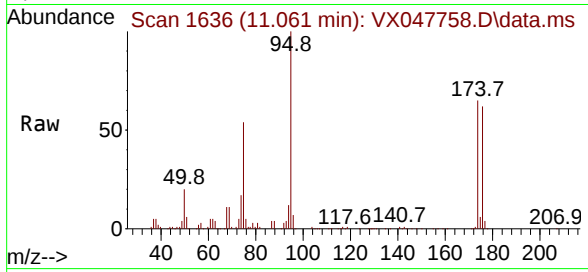
Tgt Ion: 75 Resp: 62210
Ion Ratio Lower Upper
75 100
77 1.5 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.890 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047758.D
 Acq: 24 Sep 2025 07:40

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20250917



Tgt Ion: 75 Resp: 62210
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

