

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047788.D
 Acq On : 24 Sep 2025 19:33
 Operator : JC/MD
 Sample : Q3127-18RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20250917

Quant Time: Sep 25 01:21:40 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)

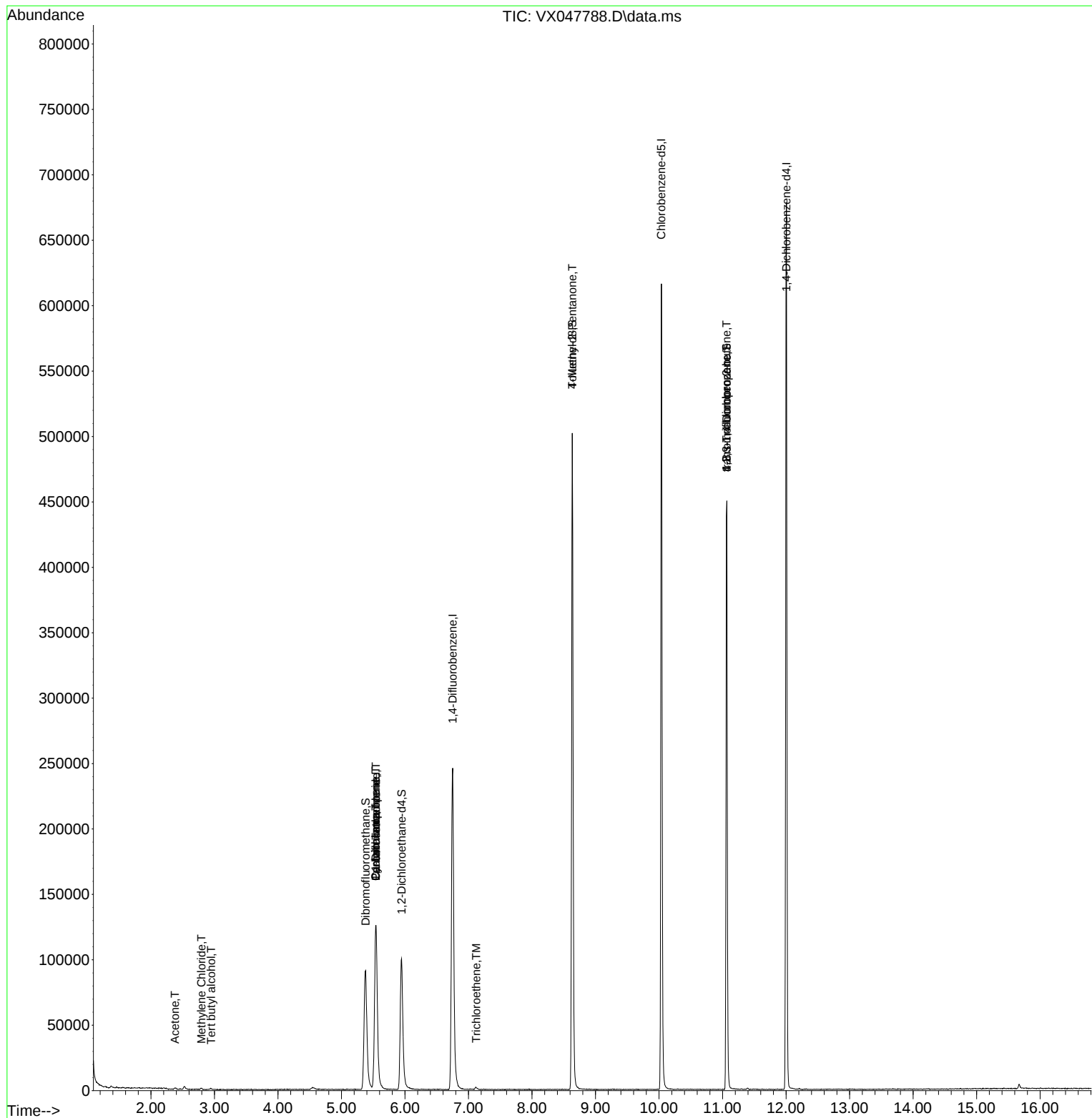
Internal Standards						
1) Pentafluorobenzene	5.544	168	128659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	271871	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	278272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108638	53.048	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.100%	
35) Dibromofluoromethane	5.379	113	89155	48.897	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.800%	
50) Toluene-d8	8.635	98	306192	48.532	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.060%	
62) 4-Bromofluorobenzene	11.061	95	131657	54.986	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	128	0.561	ug/l #	72
16) Acetone	2.380	43	1529	1.717	ug/l #	88
20) Methylene Chloride	2.794	84	484	0.257	ug/l #	53
31) Cyclohexane	5.538	56	3050	1.127	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	10608	3.982	ug/l #	53
38) Carbon Tetrachloride	5.544	117	13376	4.621	ug/l #	19
44) Trichloroethene	7.123	130	749	0.383	ug/l	93
51) 4-Methyl-2-Pentanone	8.635	43	1499	0.578	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	67894	23.340	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	67894	59.520	ug/l #	8

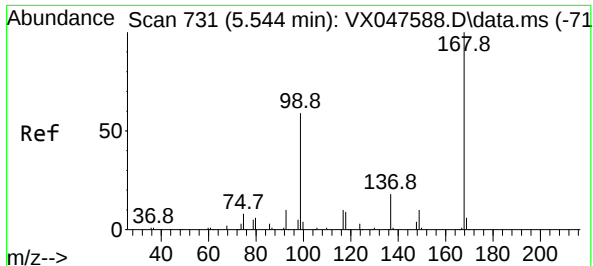
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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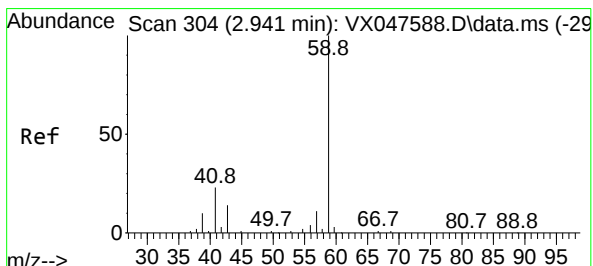
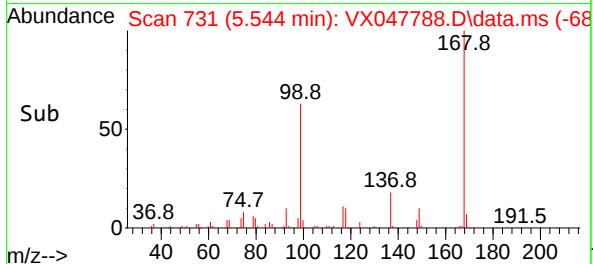
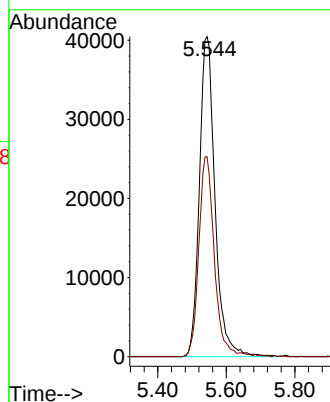
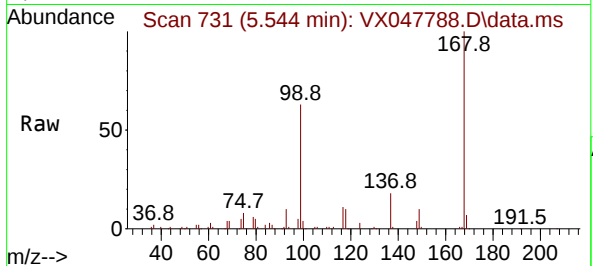




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

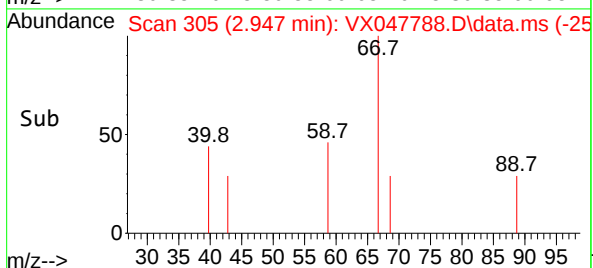
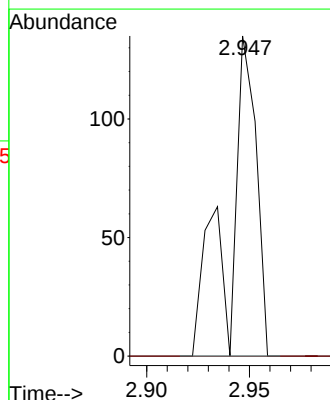
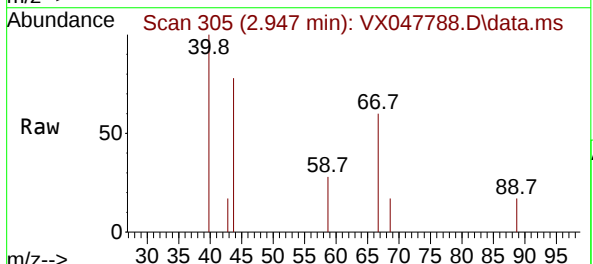
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250917

Tgt Ion:168 Resp: 128659
Ion Ratio Lower Upper
168 100
99 62.5 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.561 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

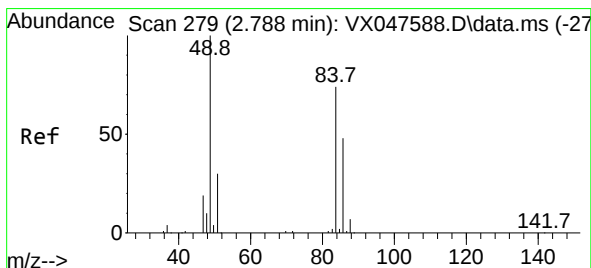
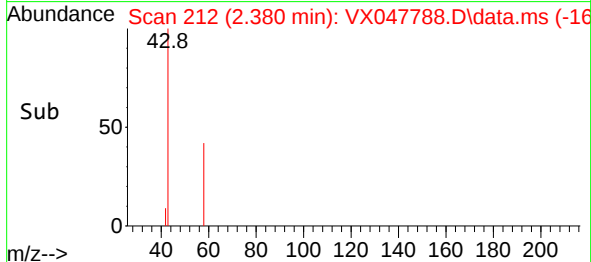
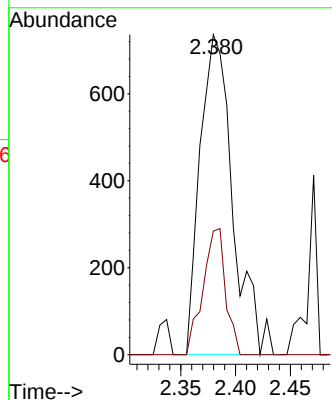
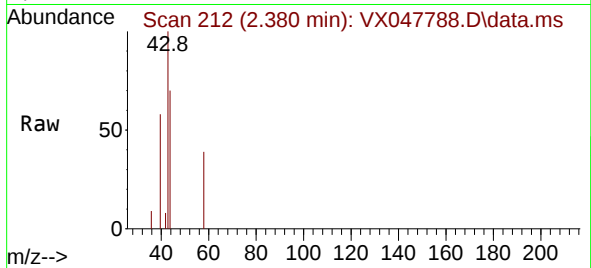




#16
Acetone
Concen: 1.717 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

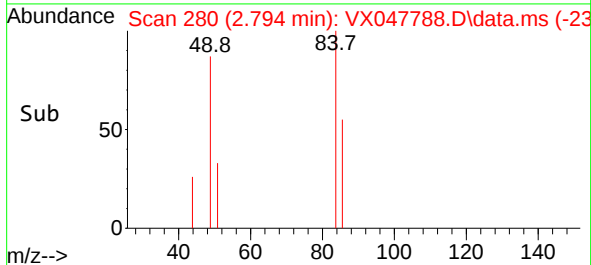
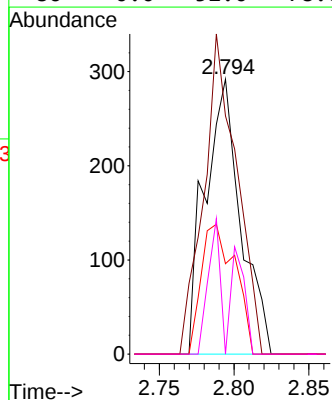
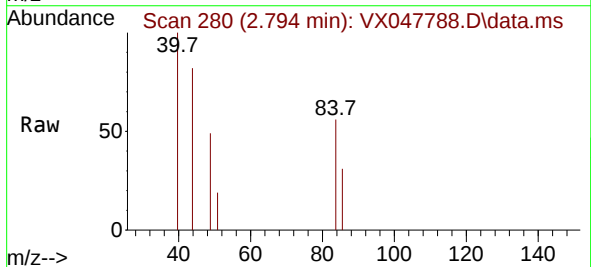
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MSVOA_X
ClientSampleId :
BPOW1-8-20250917

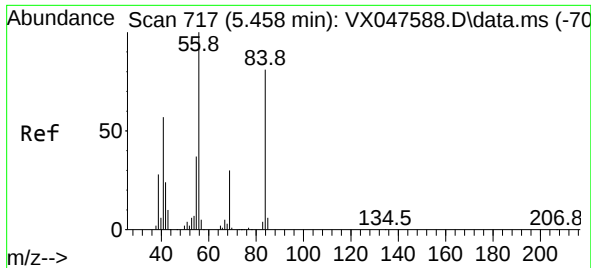
Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 22.7 23.4 35.0#



#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

Tgt Ion: 84 Resp: 484
Ion Ratio Lower Upper
84 100
49 86.6 108.6 162.8#
51 32.9 32.6 48.8
86 0.0 52.0 78.0#

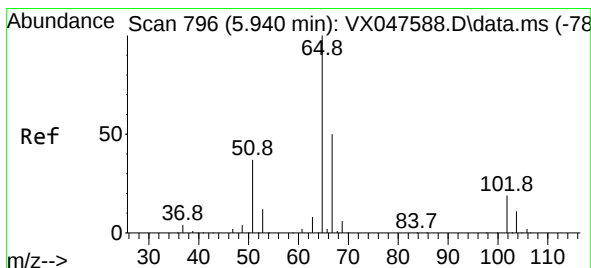
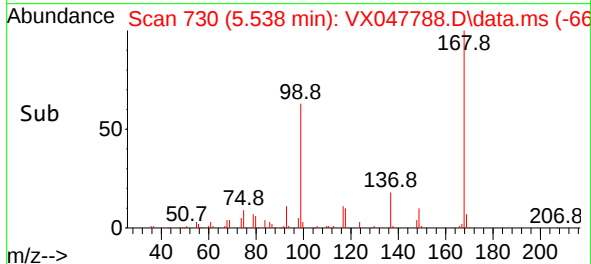
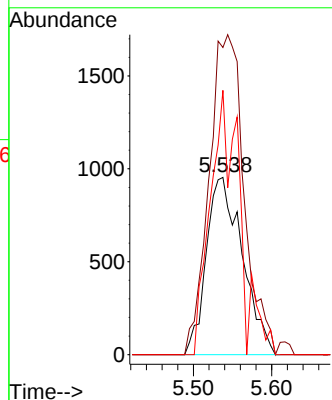
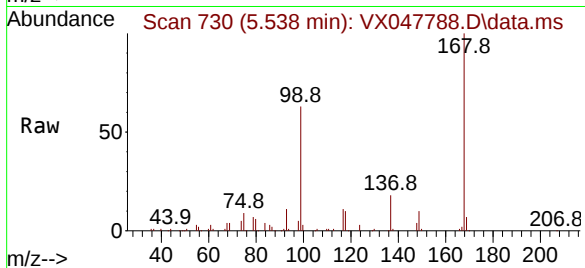




#31
Cyclohexane
Concen: 1.127 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

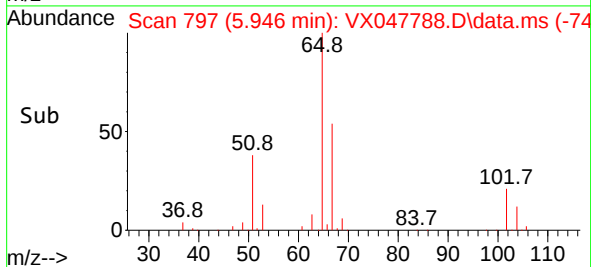
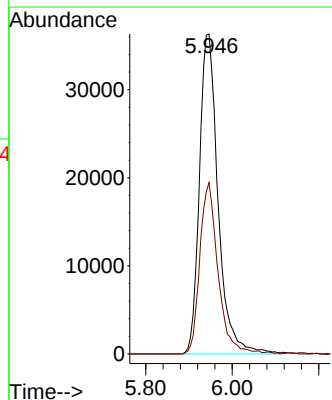
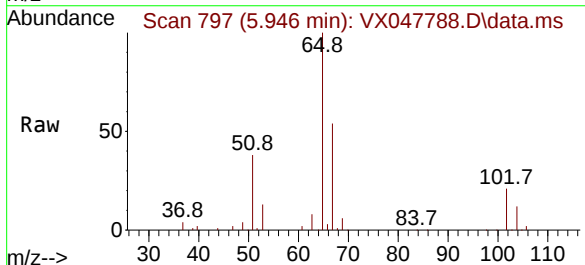
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250917

Tgt Ion: 56 Resp: 3050
Ion Ratio Lower Upper
56 100
69 161.7 23.8 35.8#
84 139.1 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 53.048 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

Tgt Ion: 65 Resp: 108638
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

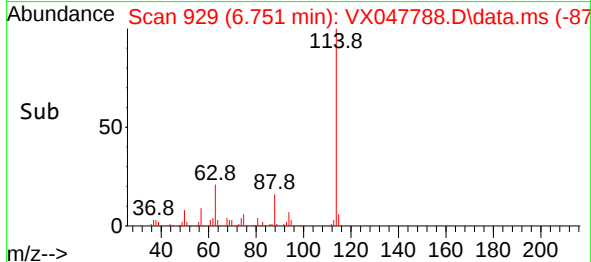
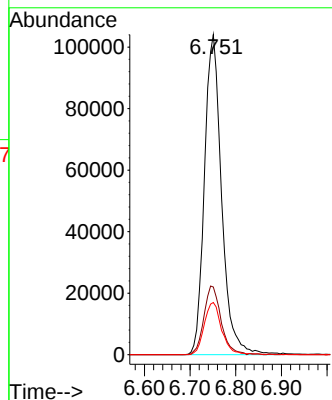
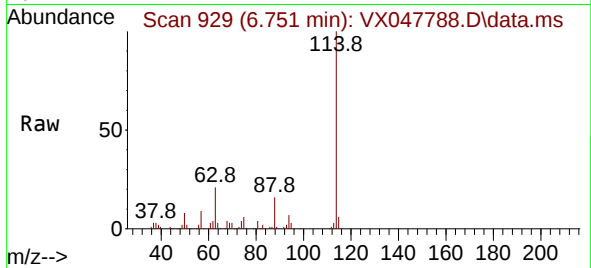




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

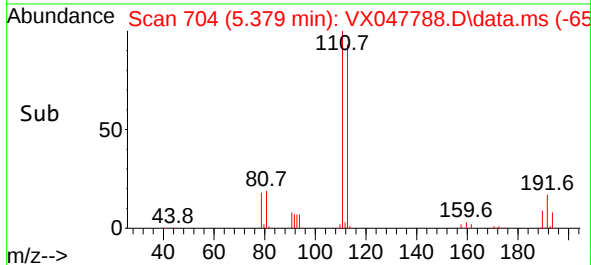
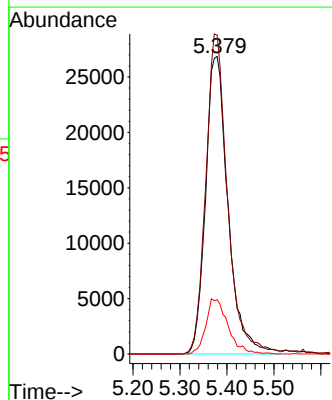
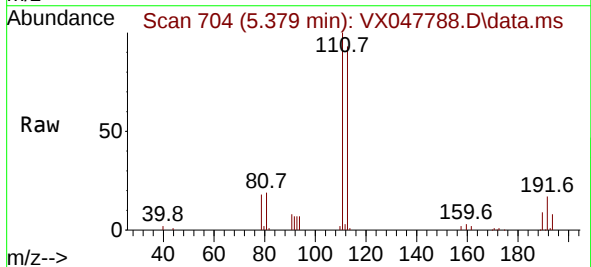
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250917

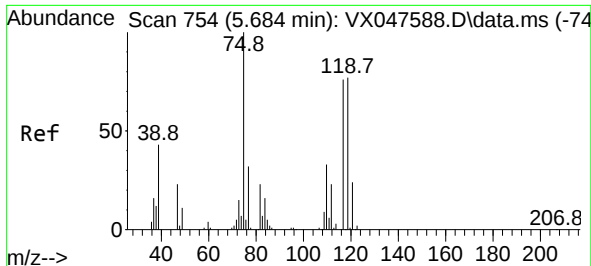
Tgt Ion:114 Resp: 271871
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.897 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

Tgt Ion:113 Resp: 89155
Ion Ratio Lower Upper
113 100
111 104.2 80.9 121.3
192 18.3 14.2 21.4

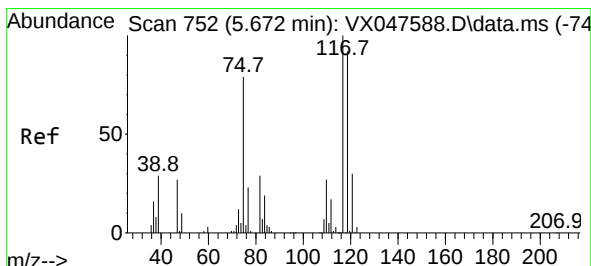
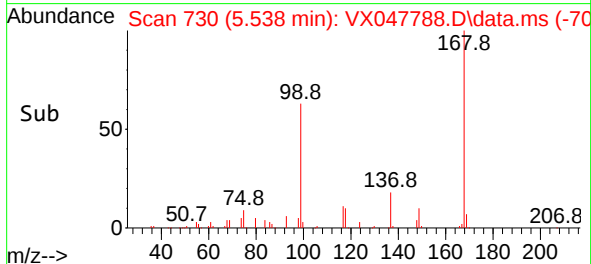
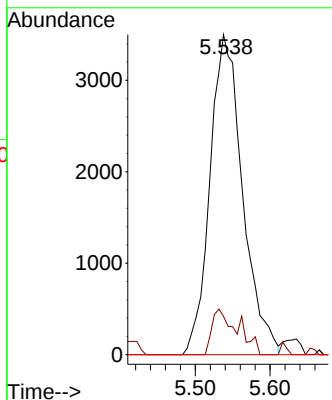
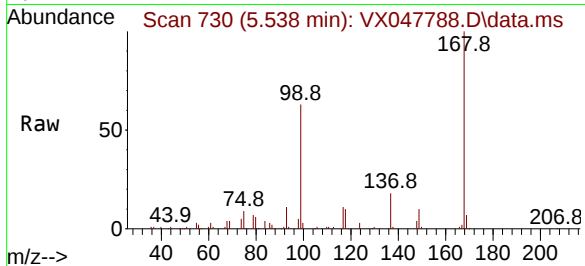




#36
1,1-Dichloropropene
Concen: 3.982 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

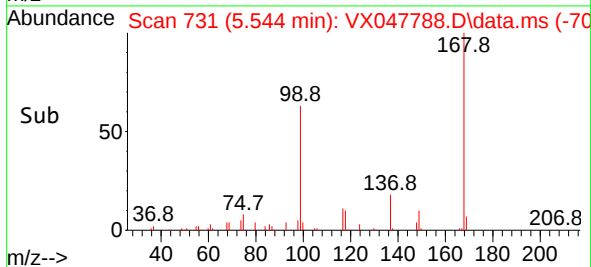
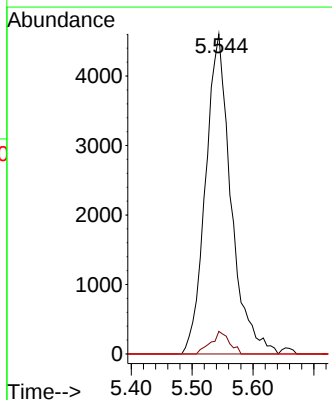
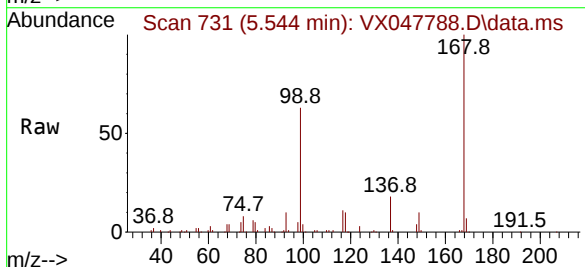
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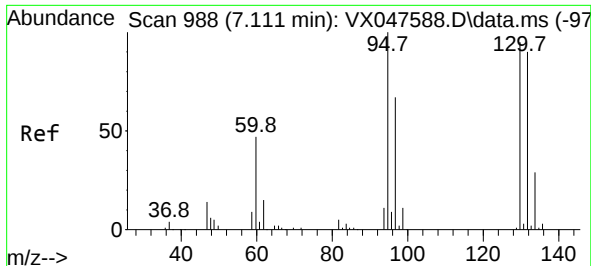
Tgt Ion: 75 Resp: 10608
Ion Ratio Lower Upper
75 100
110 11.4 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.621 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

Tgt Ion: 117 Resp: 13376
Ion Ratio Lower Upper
117 100
119 7.1 73.4 110.2#
121 0.0 23.8 35.6#

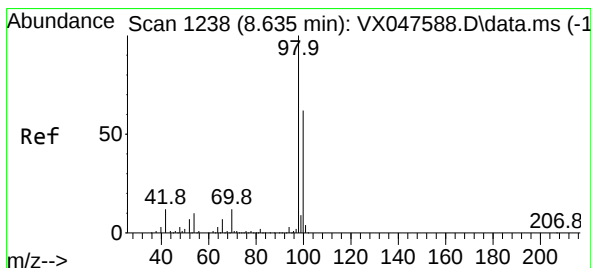
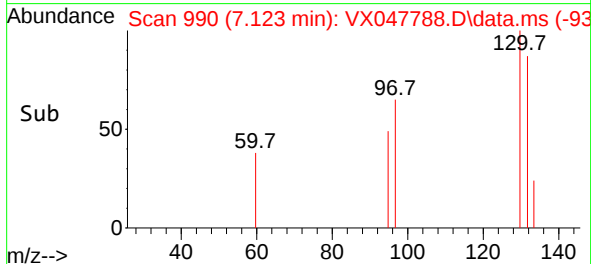
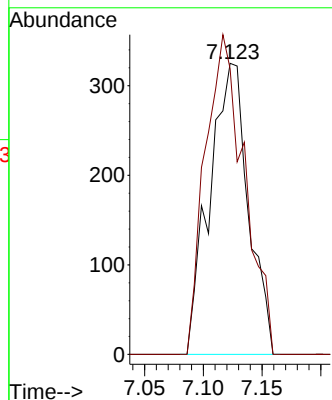
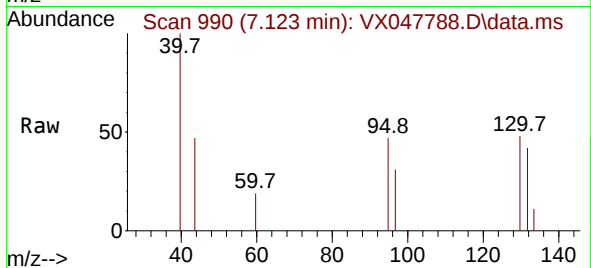




#44
Trichloroethene
Concen: 0.383 ug/l
RT: 7.123 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

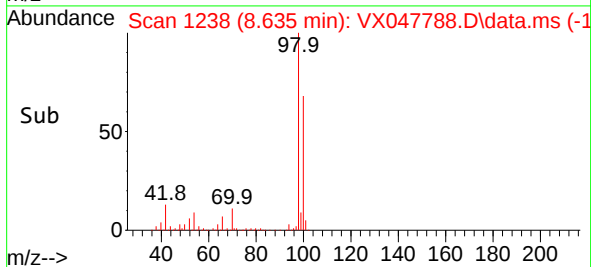
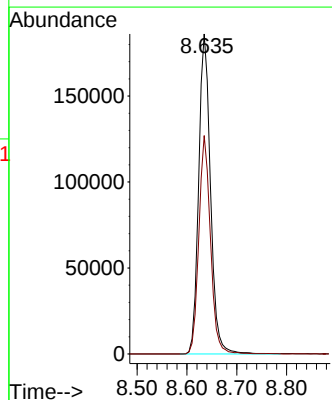
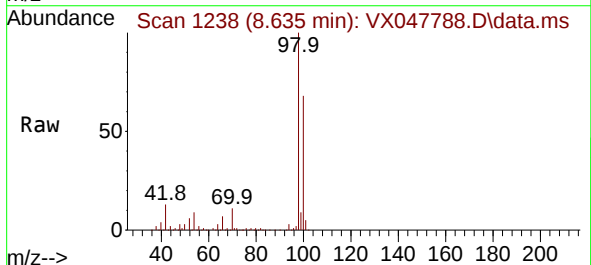
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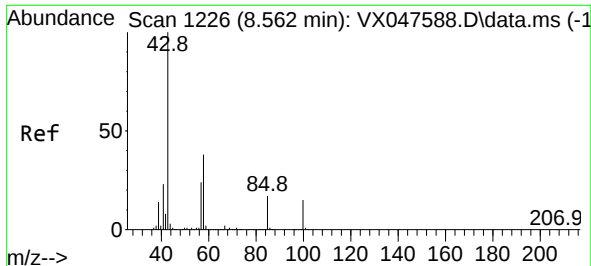
Tgt Ion:130 Resp: 749
Ion Ratio Lower Upper
130 100
95 98.2 0.0 210.8



#50
Toluene-d8
Concen: 48.532 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

Tgt Ion: 98 Resp: 306192
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4

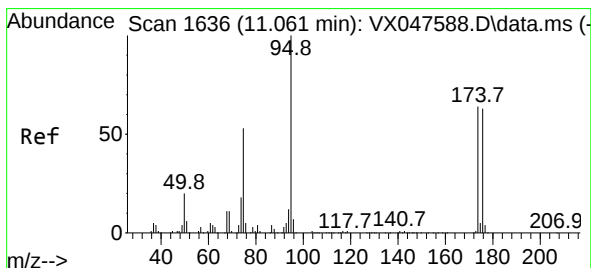
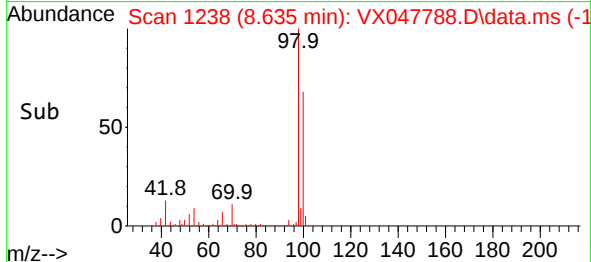
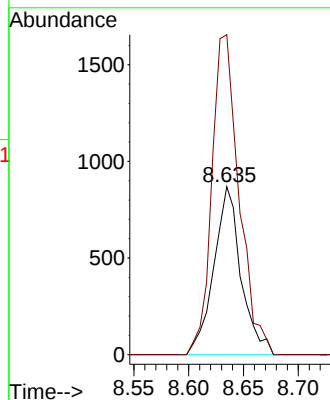
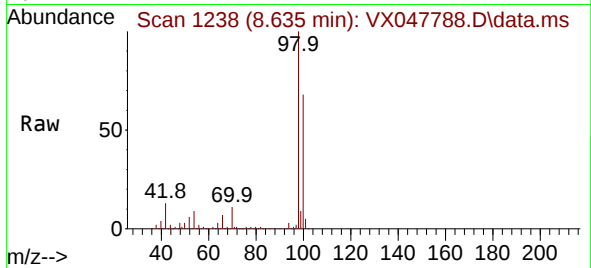




#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

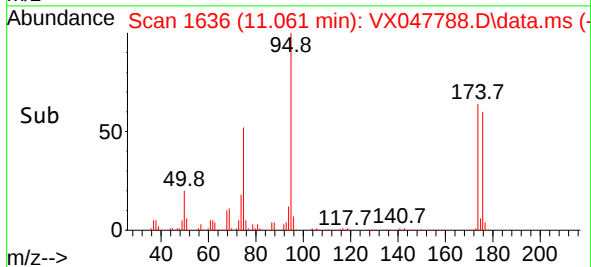
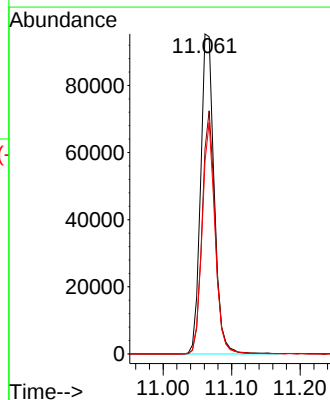
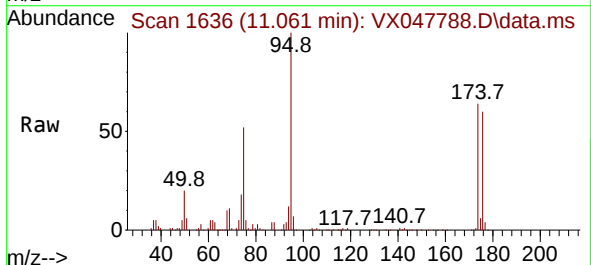
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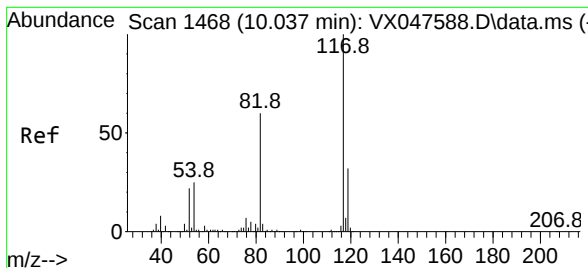
Tgt Ion: 43 Resp: 1499
Ion Ratio Lower Upper
43 100
58 191.0 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 54.986 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

Tgt Ion: 95 Resp: 131657
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 69.2 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: VX047788.D

Acq: 24 Sep 2025 19:33

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-8-20250917

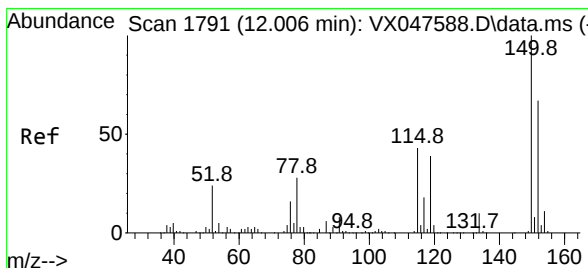
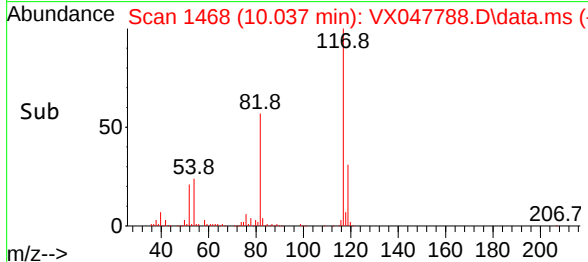
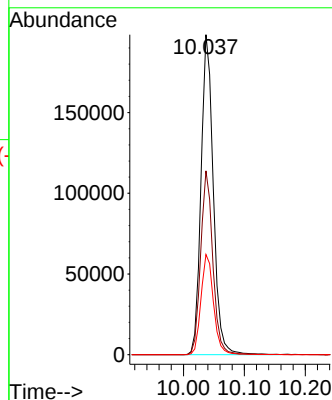
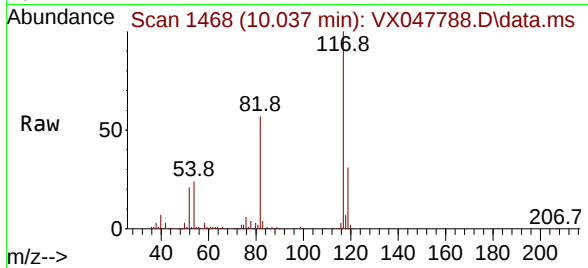
Tgt Ion:117 Resp: 278272

Ion Ratio Lower Upper

117 100

82 57.5 47.8 71.6

119 31.3 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047788.D

Acq: 24 Sep 2025 19:33

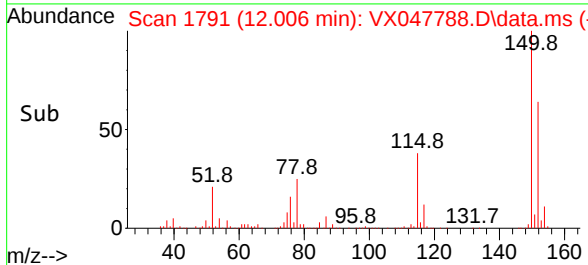
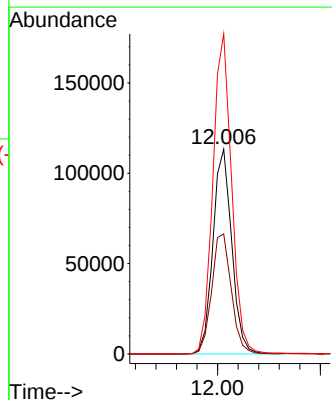
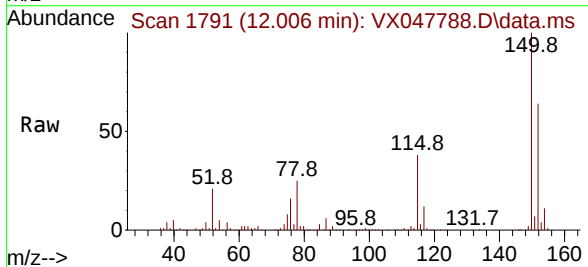
Tgt Ion:152 Resp: 143672

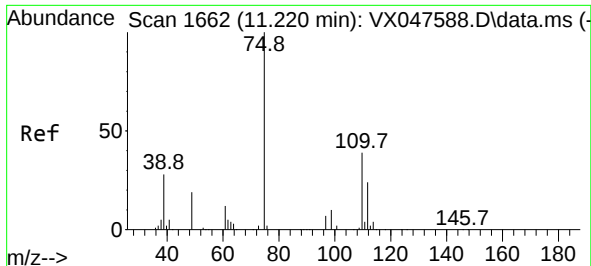
Ion Ratio Lower Upper

152 100

115 61.3 44.9 134.5

150 156.2 0.0 352.0

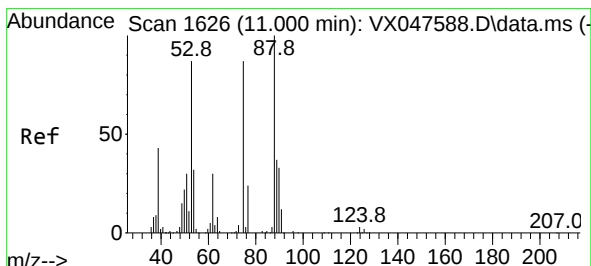
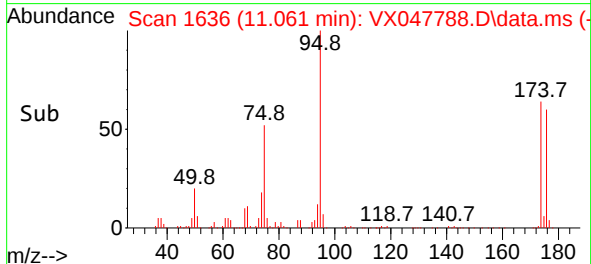
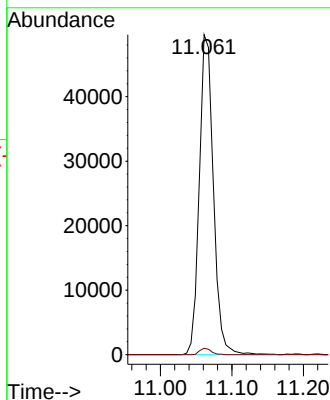
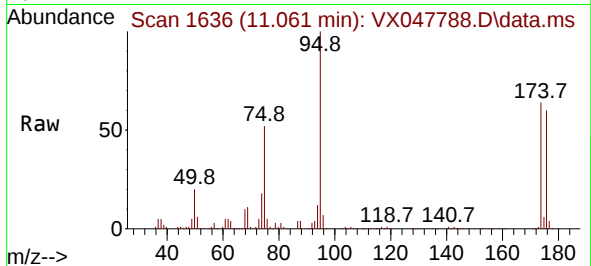




#76
1,2,3-Trichloropropane
Concen: 23.340 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250917

Tgt Ion: 75 Resp: 67894
Ion Ratio Lower Upper
75 100
77 1.6 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.520 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047788.D
Acq: 24 Sep 2025 19:33

Tgt Ion: 75 Resp: 67894
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

