

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047841.D
 Acq On : 26 Sep 2025 07:43
 Operator : JC/MD
 Sample : Q3128-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-3-20250916

Quant Time: Sep 26 08:30:17 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)

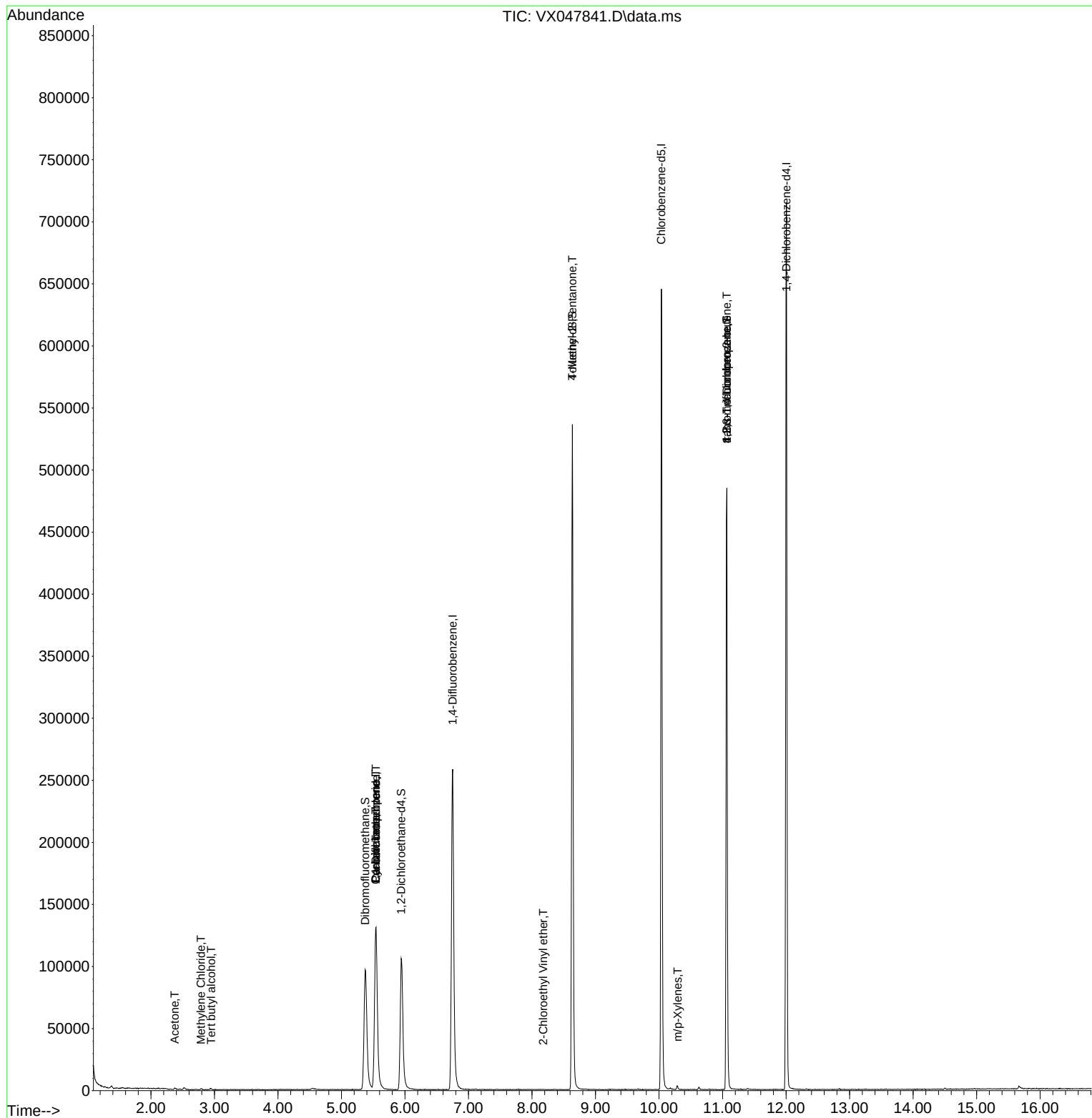
Internal Standards						
1) Pentafluorobenzene	5.544	168	132775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	283230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	293419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	148155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	115452	54.627	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.260%	
35) Dibromofluoromethane	5.373	113	96032	50.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.120%	
50) Toluene-d8	8.635	98	325040	49.454	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.900%	
62) 4-Bromofluorobenzene	11.067	95	140352	56.266	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	150	0.637	ug/l #	72
16) Acetone	2.373	43	1492	1.624	ug/l #	88
20) Methylene Chloride	2.788	84	442	0.227	ug/l #	63
31) Cyclohexane	5.538	56	2888	1.034	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	11352	4.090	ug/l #	51
38) Carbon Tetrachloride	5.544	117	14269	4.731	ug/l #	16
51) 4-Methyl-2-Pentanone	8.635	43	1651	0.611	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.177	63	108	7.965	ug/l #	47
68) m/p-Xylenes	10.293	106	865	0.202	ug/l	90
76) 1,2,3-Trichloropropane	11.067	75	71633	23.880	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.067	75	71633	60.898	ug/l #	8

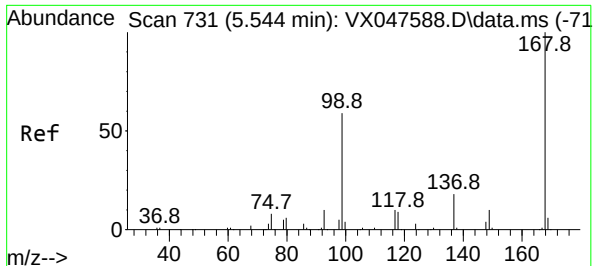
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BPOW6-3-20250916

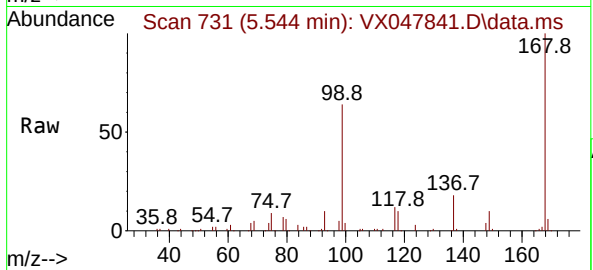
Quant Time: Sep 26 08:30:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
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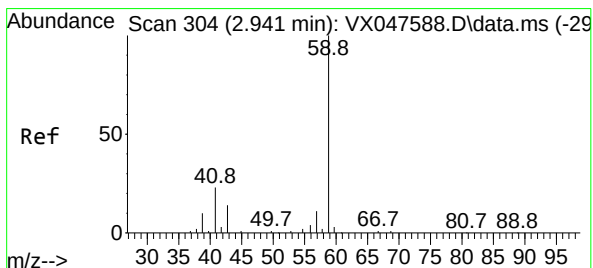
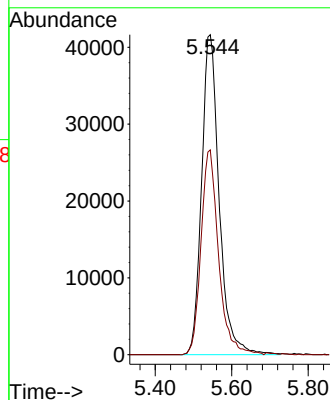
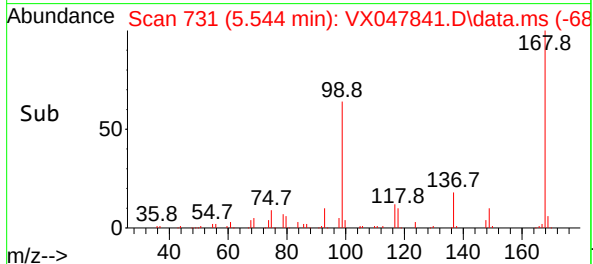


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250916

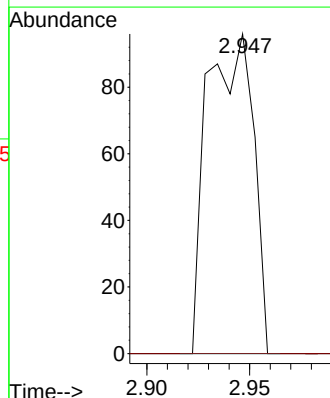
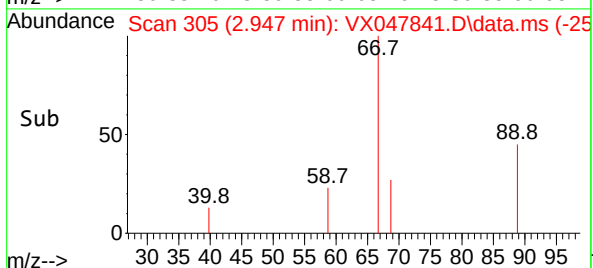
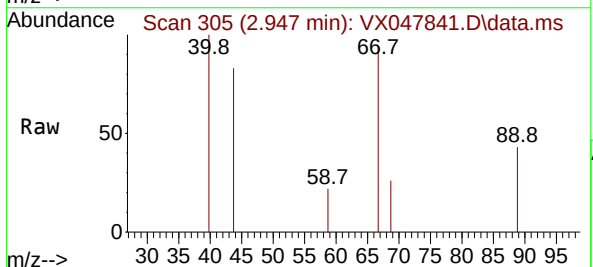


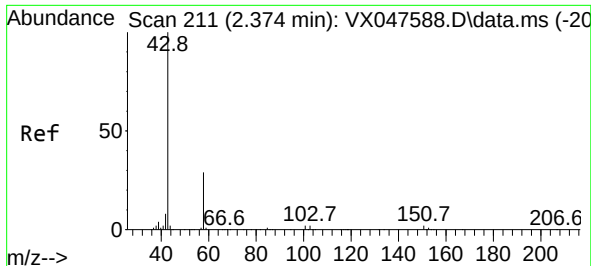
Tgt Ion:168 Resp: 132775
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.637 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

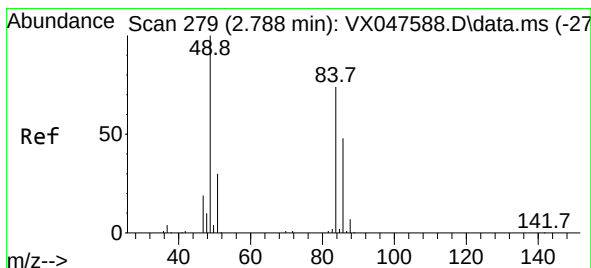
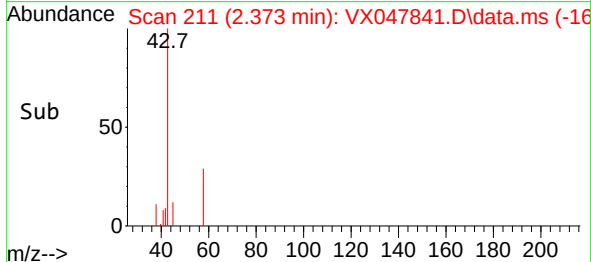
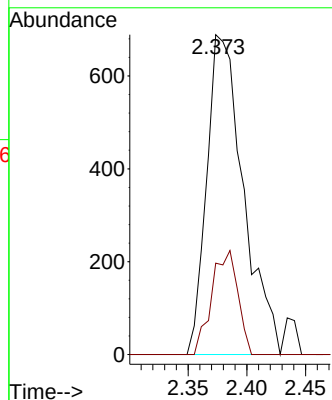
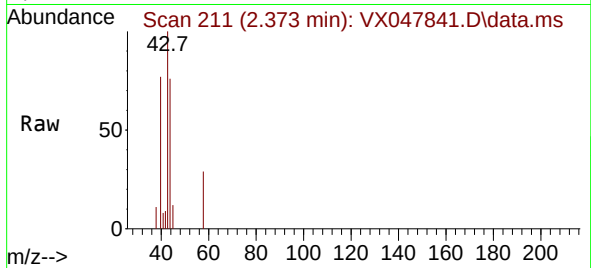




#16
Acetone
Concen: 1.624 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

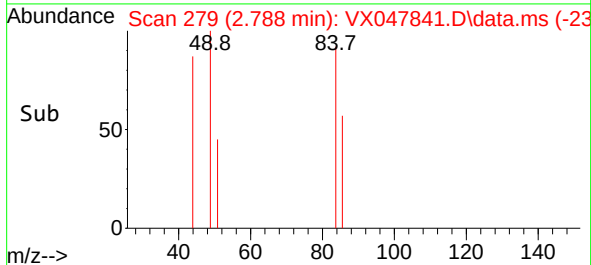
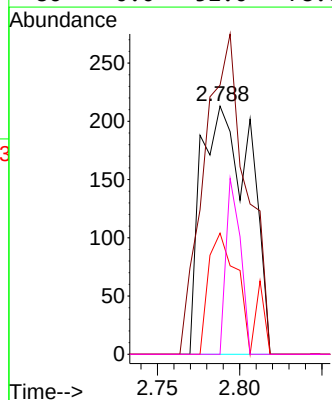
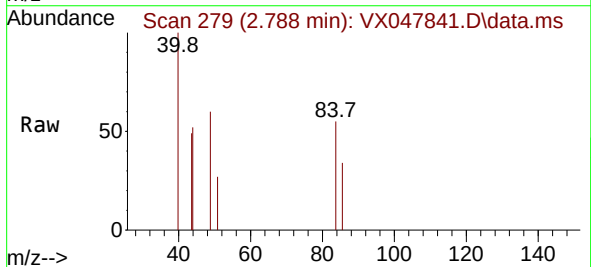
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250916

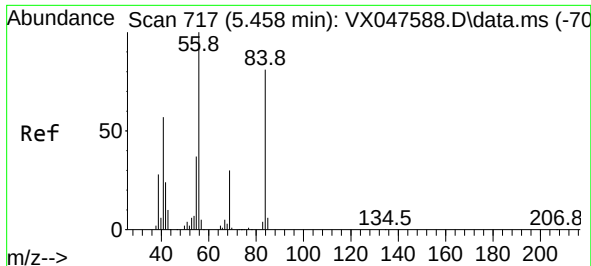
Tgt Ion: 43 Resp: 1492
Ion Ratio Lower Upper
43 100
58 22.9 23.4 35.0#



#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Tgt Ion: 84 Resp: 442
Ion Ratio Lower Upper
84 100
49 108.5 108.6 162.8#
51 48.8 32.6 48.8
86 0.0 52.0 78.0#

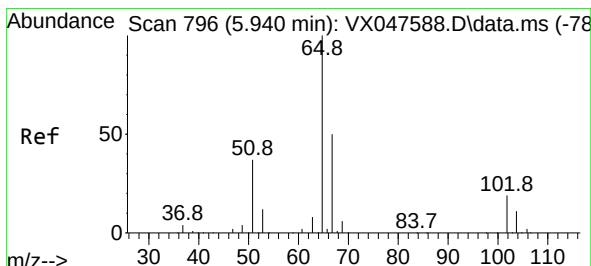
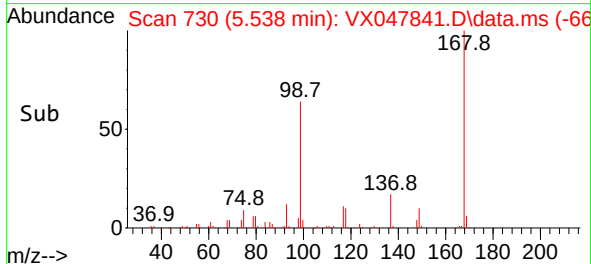
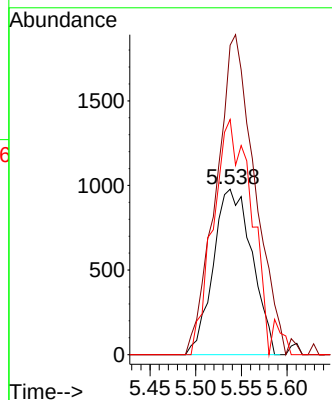
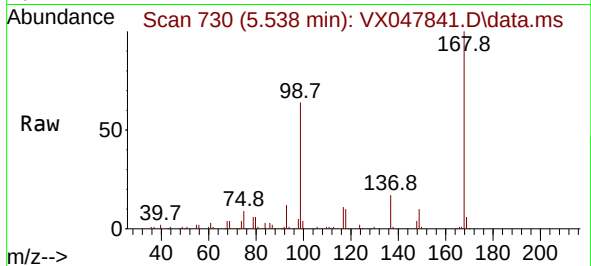




#31
Cyclohexane
Concen: 1.034 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

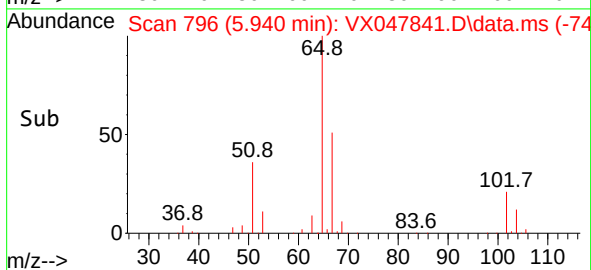
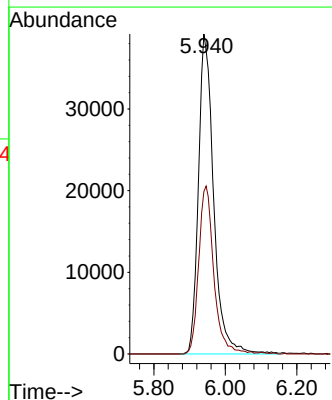
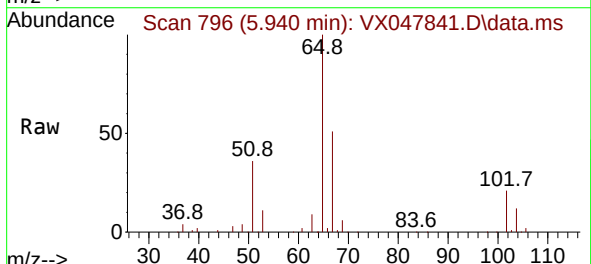
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250916

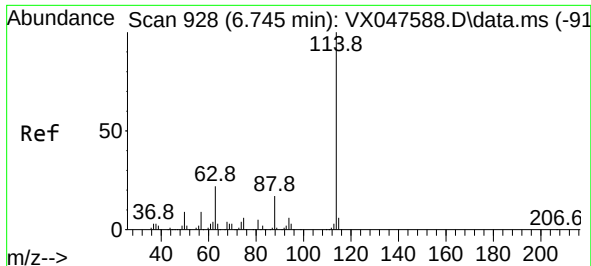
Tgt Ion: 56 Resp: 2888
Ion Ratio Lower Upper
56 100
69 187.0 23.8 35.8#
84 142.1 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 54.627 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Tgt Ion: 65 Resp: 115452
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

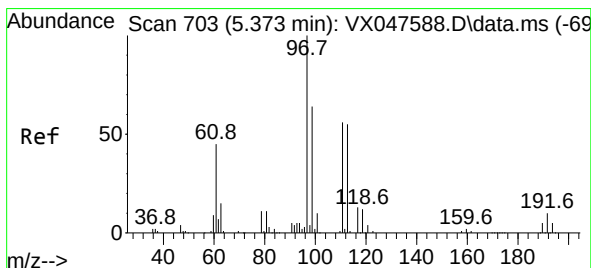
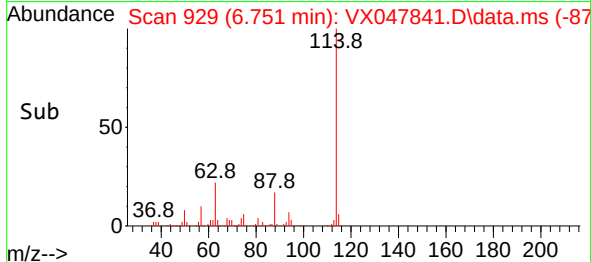
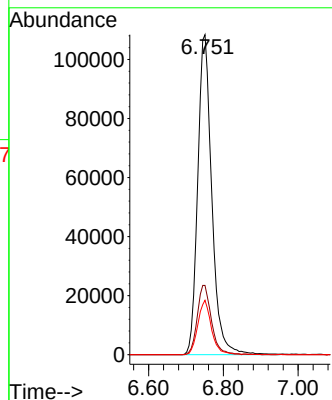
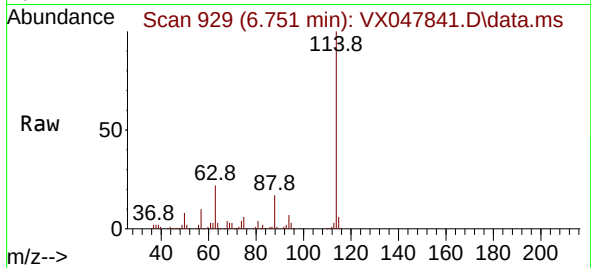




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

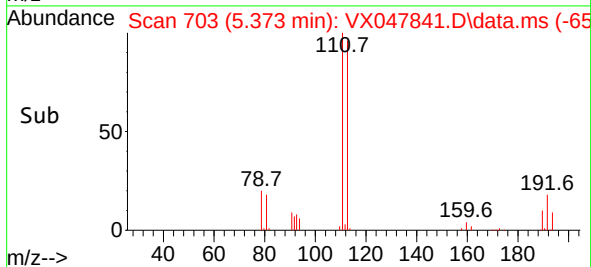
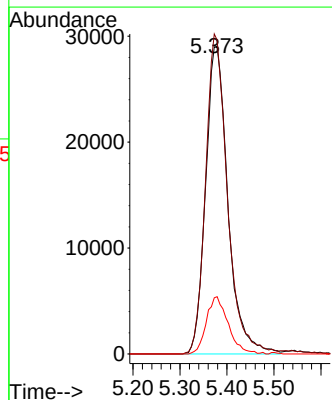
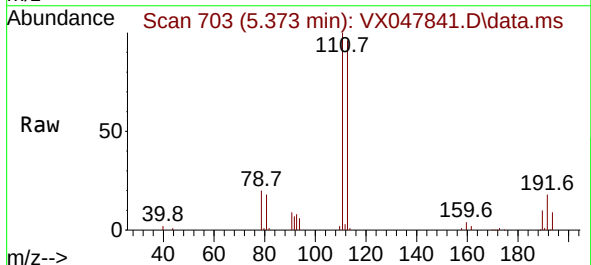
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250916

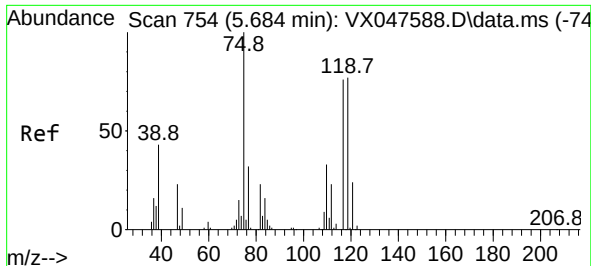
Tgt Ion:114 Resp: 283230
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 17.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.557 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Tgt Ion:113 Resp: 96032
Ion Ratio Lower Upper
113 100
111 101.4 80.9 121.3
192 18.2 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.090 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX047841.D

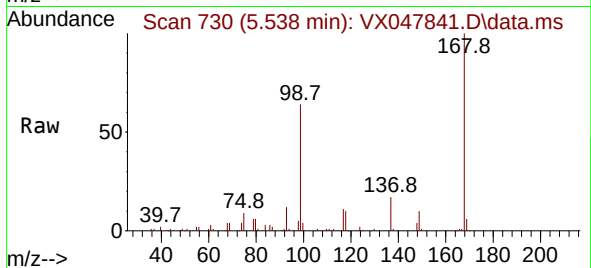
Acq: 26 Sep 2025 07:43

Instrument :

MSVOA_X

ClientSampleId :

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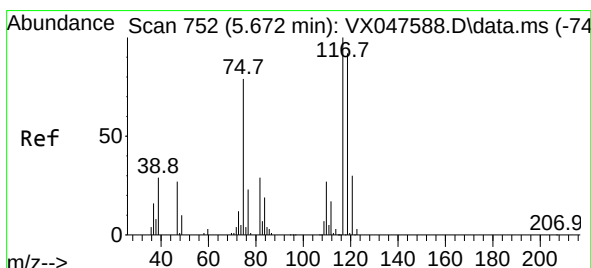
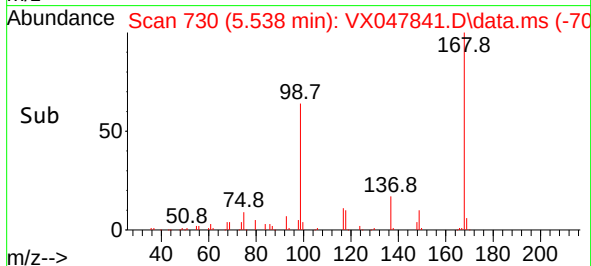
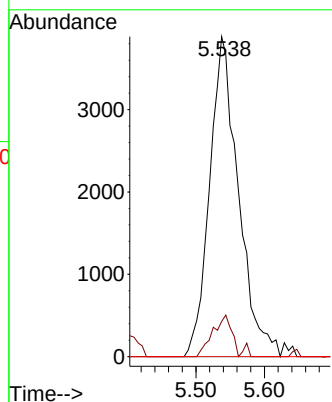
Tgt Ion: 75 Resp: 11352

Ion Ratio Lower Upper

75 100

110 8.7 16.7 50.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.731 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX047841.D

Acq: 26 Sep 2025 07:43

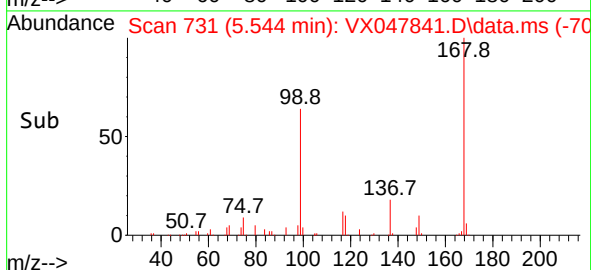
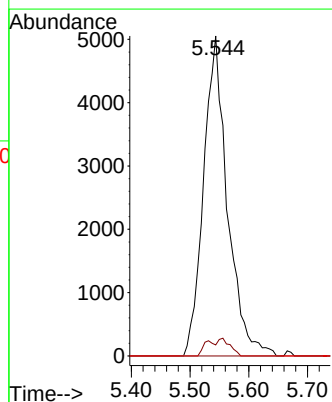
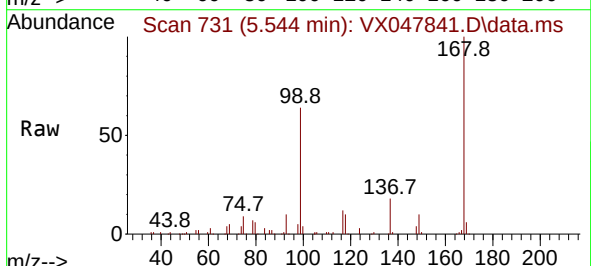
Tgt Ion: 117 Resp: 14269

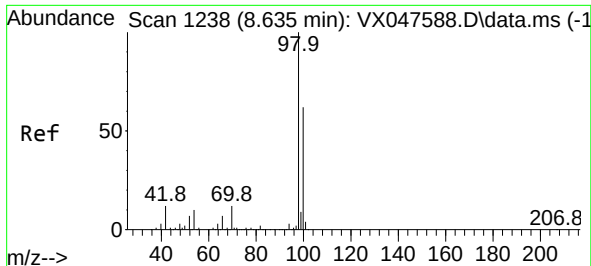
Ion Ratio Lower Upper

117 100

119 3.4 73.4 110.2#

121 0.0 23.8 35.6#

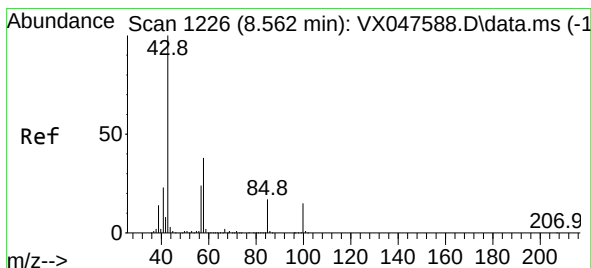
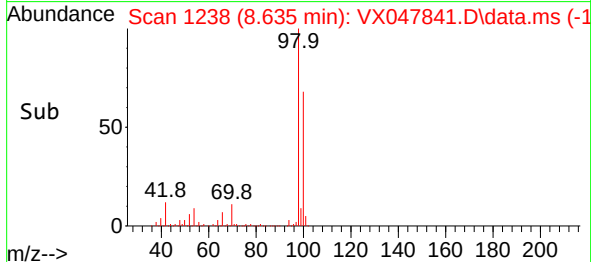
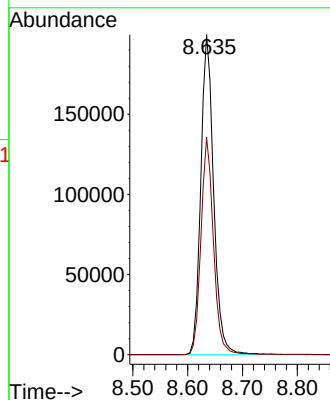
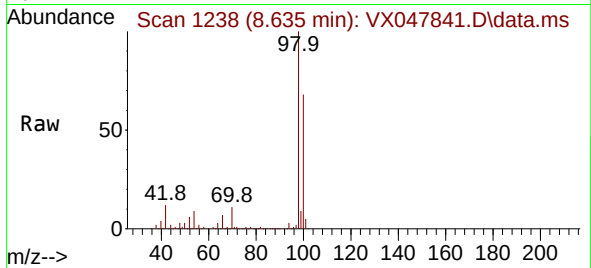




#50
Toluene-d8
Concen: 49.454 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

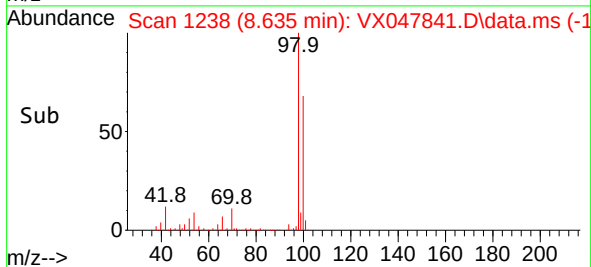
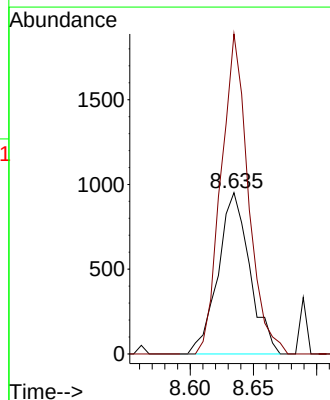
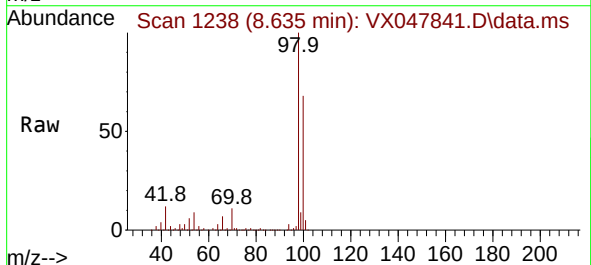
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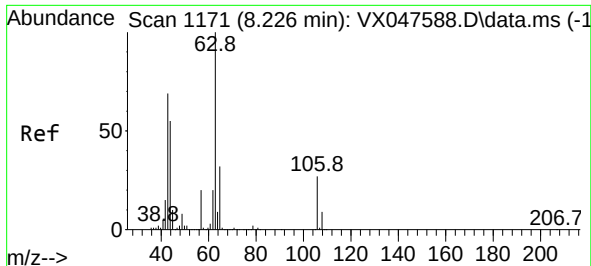
Tgt Ion: 98 Resp: 325040
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.611 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.073 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 171.5 30.3 45.5#

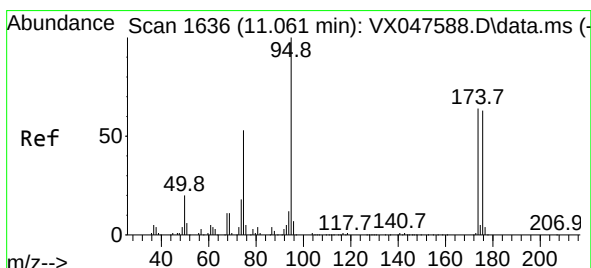
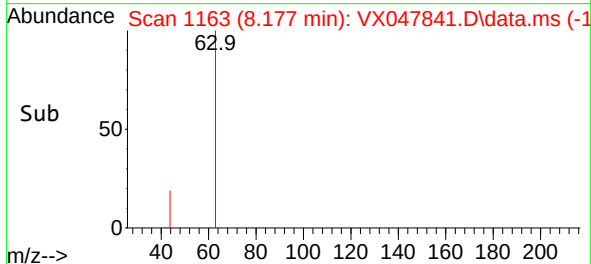
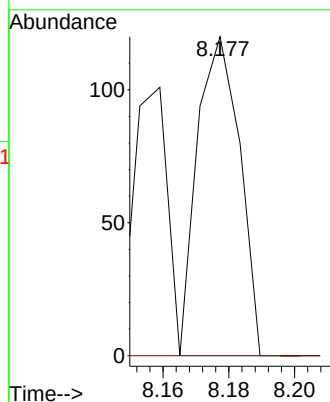
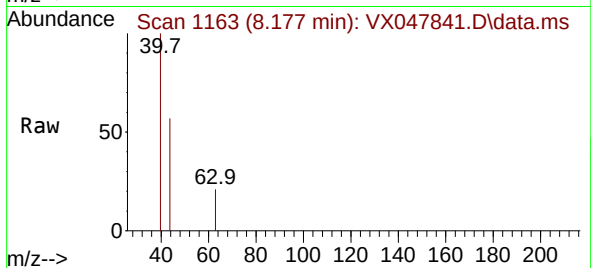




#58
 2-Chloroethyl Vinyl ether
 Concen: 7.965 ug/l
 RT: 8.177 min Scan# 1163
 Delta R.T. -0.049 min
 Lab File: VX047841.D
 Acq: 26 Sep 2025 07:43

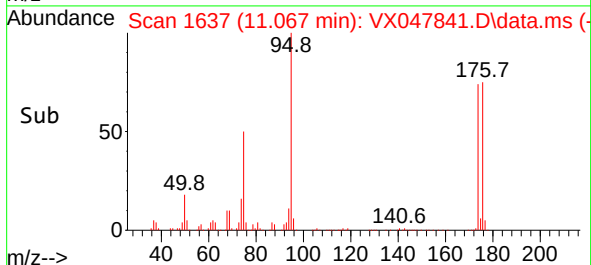
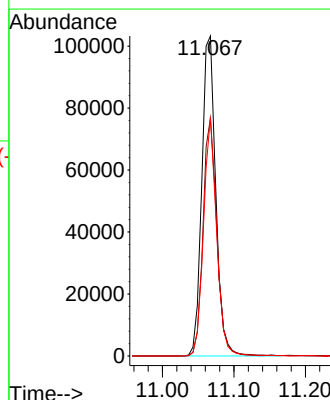
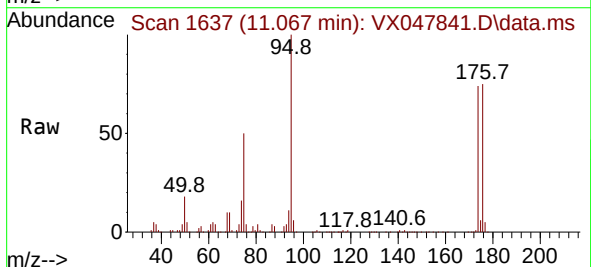
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-3-20250916

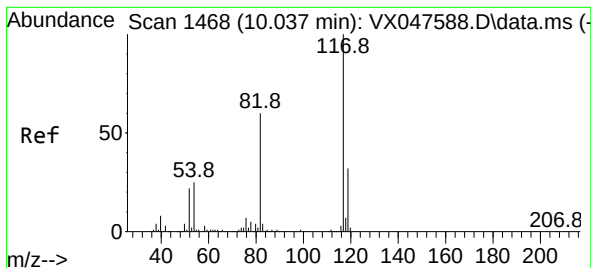
Tgt Ion: 63 Resp: 108
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.9 32.9#



#62
 4-Bromofluorobenzene
 Concen: 56.266 ug/l
 RT: 11.067 min Scan# 1637
 Delta R.T. 0.006 min
 Lab File: VX047841.D
 Acq: 26 Sep 2025 07:43

Tgt Ion: 95 Resp: 140352
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 141.6
 176 70.1 0.0 138.4

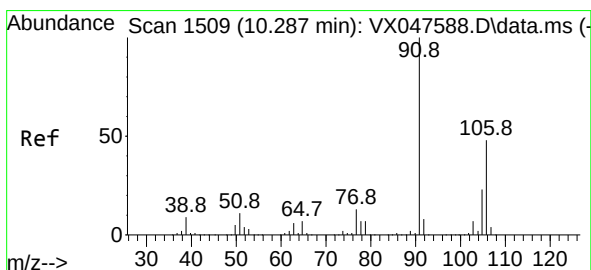
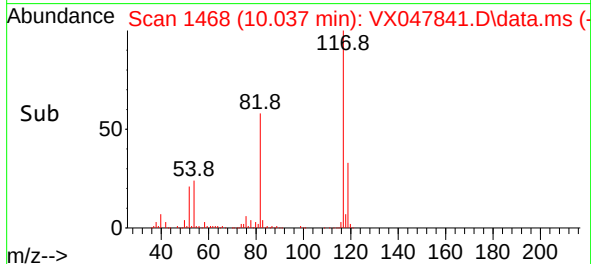
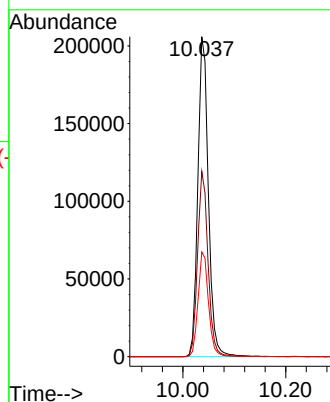
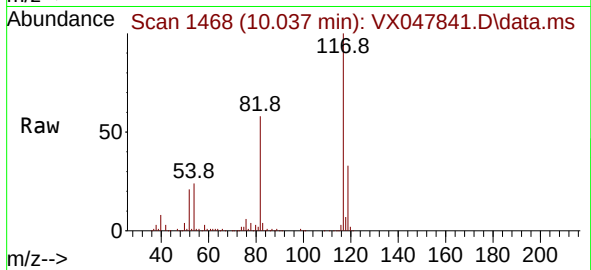




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

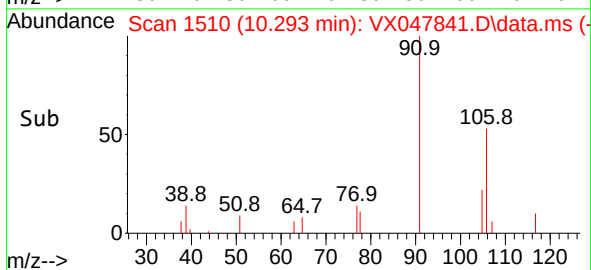
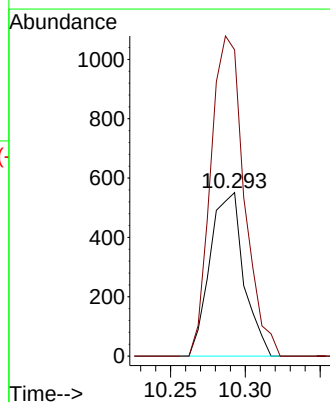
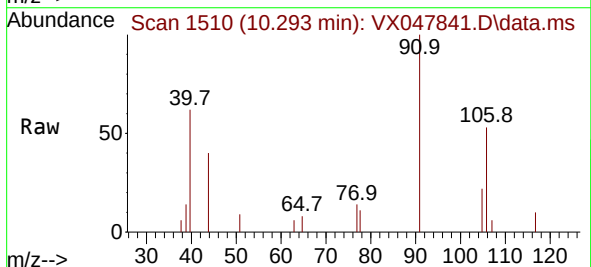
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250916

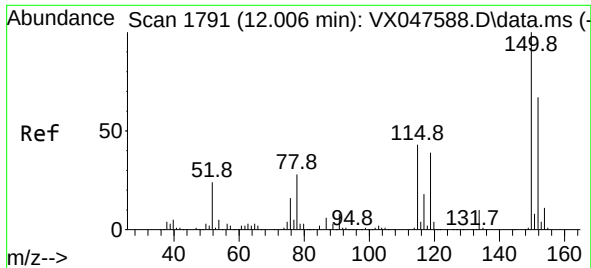
Tgt Ion:117 Resp: 293419
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.6
119 32.7 25.2 37.8



#68
m/p-Xylenes
Concen: 0.202 ug/l
RT: 10.293 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Tgt Ion:106 Resp: 865
Ion Ratio Lower Upper
106 100
91 194.8 167.8 251.8

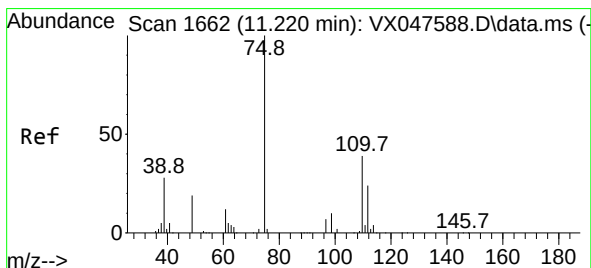
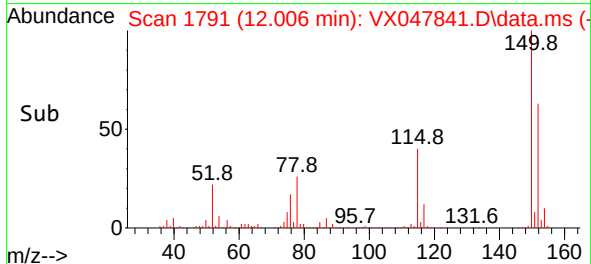
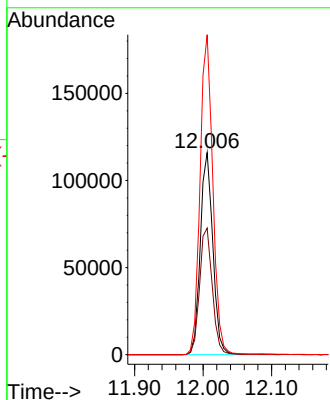
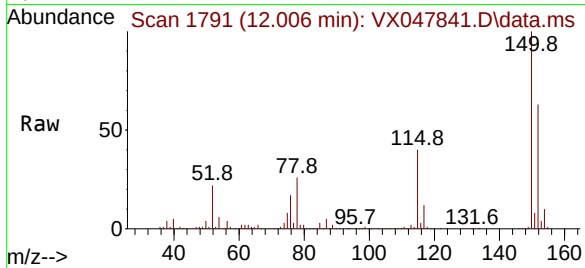




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047841.D
 Acq: 26 Sep 2025 07:43

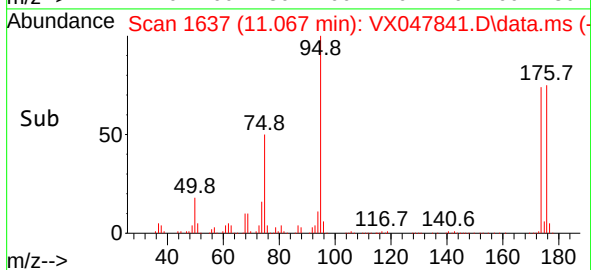
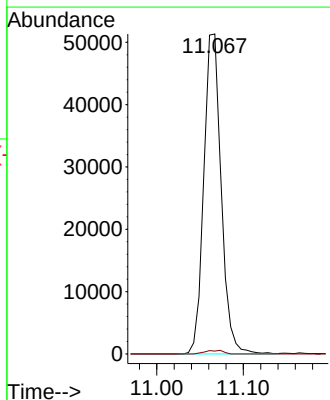
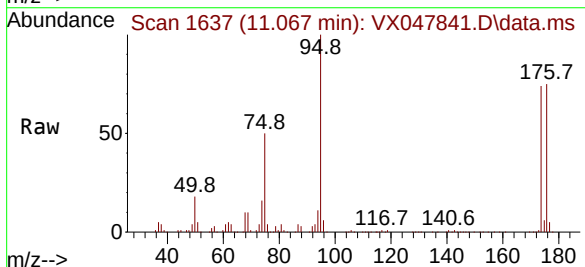
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-3-20250916

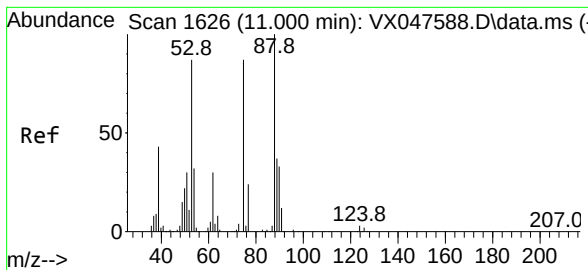
Tgt Ion:152 Resp: 148155
 Ion Ratio Lower Upper
 152 100
 115 63.9 44.9 134.5
 150 160.4 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 23.880 ug/l
 RT: 11.067 min Scan# 1637
 Delta R.T. -0.153 min
 Lab File: VX047841.D
 Acq: 26 Sep 2025 07:43

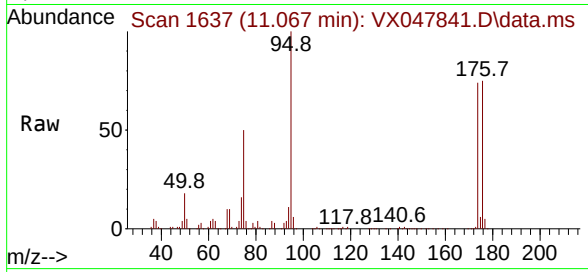
Tgt Ion: 75 Resp: 71633
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.8 56.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.898 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250916



Tgt Ion:	75	Resp:	71633
Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.4	125.2#
89	0.0	36.3	54.5#

