

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047839.D
 Acq On : 26 Sep 2025 07:01
 Operator : JC/MD
 Sample : Q3128-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-4-20250916

Quant Time: Sep 26 08:29:19 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)

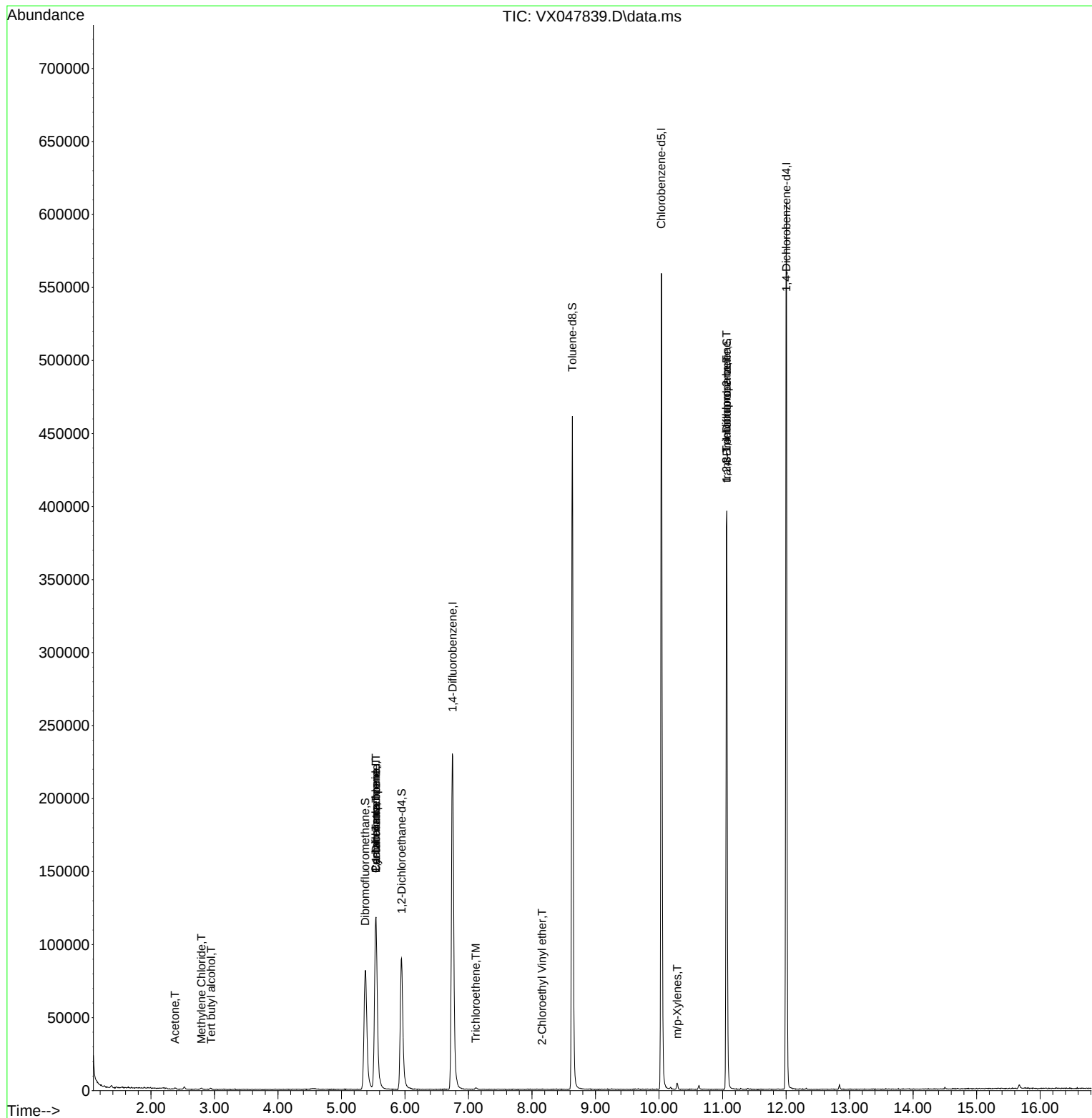
Internal Standards						
1) Pentafluorobenzene	5.544	168	120108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	253048	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97234	50.859	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.720%	
35) Dibromofluoromethane	5.373	113	82380	48.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.080%	
50) Toluene-d8	8.635	98	281888	48.004	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.000%	
62) 4-Bromofluorobenzene	11.067	95	118065	52.977	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	162	0.761	ug/l #	72
16) Acetone	2.380	43	1106	1.331	ug/l #	80
20) Methylene Chloride	2.794	84	361	0.205	ug/l #	71
31) Cyclohexane	5.544	56	2369	0.938	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10103	4.074	ug/l #	44
38) Carbon Tetrachloride	5.544	117	12614	4.682	ug/l #	17
44) Trichloroethene	7.117	130	434	0.238	ug/l	56
58) 2-Chloroethyl Vinyl ether	8.159	63	156	8.009	ug/l #	47
68) m/p-Xylenes	10.287	106	1131	0.300	ug/l	96
76) 1,2,3-Trichloropropane	11.061	75	60520	23.498	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	60520	59.923	ug/l #	8

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

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BPOW6-4-20250916

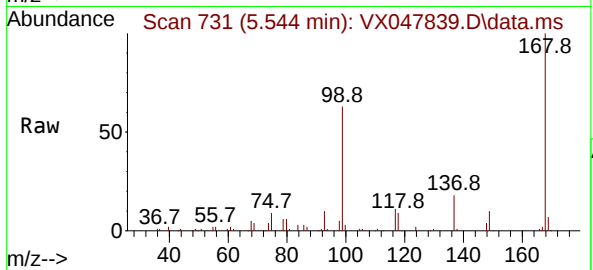
Quant Time: Sep 26 08:29:19 2025
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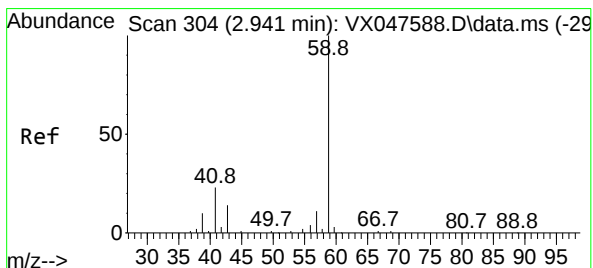
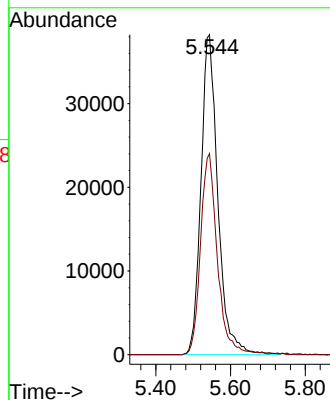
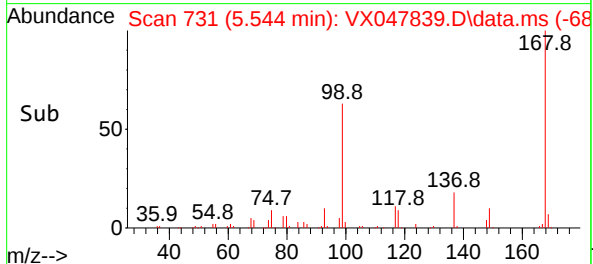


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250916

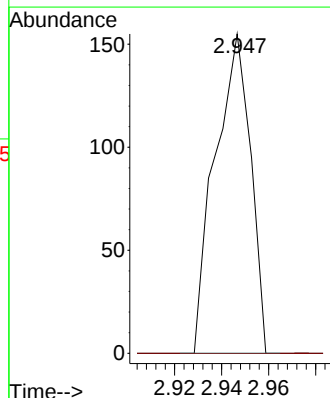
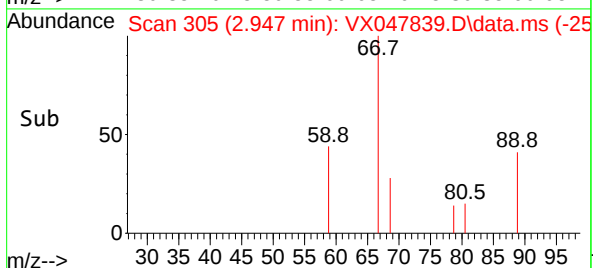
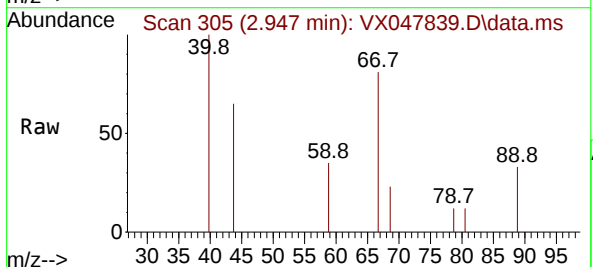


Tgt Ion:168 Resp: 120108
Ion Ratio Lower Upper
168 100
99 62.8 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.761 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

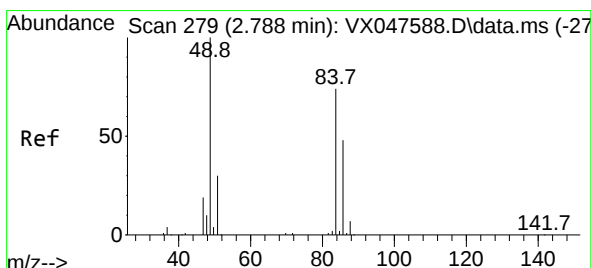
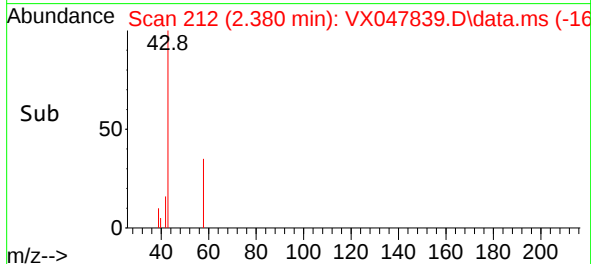
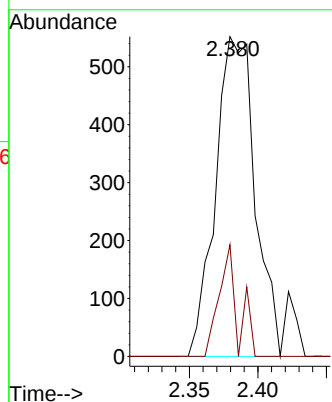
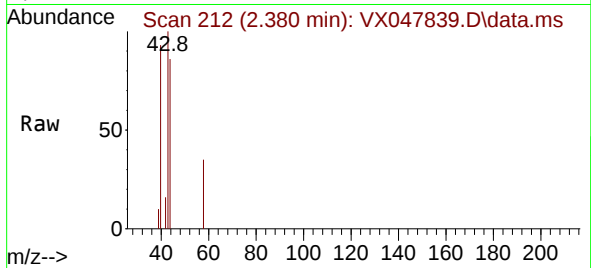




#16
Acetone
Concen: 1.331 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

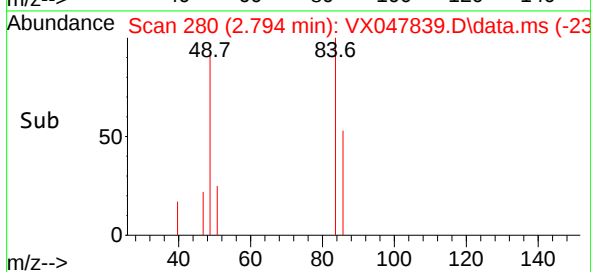
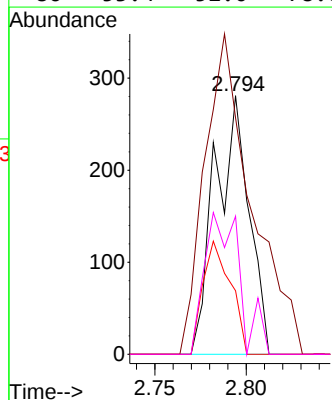
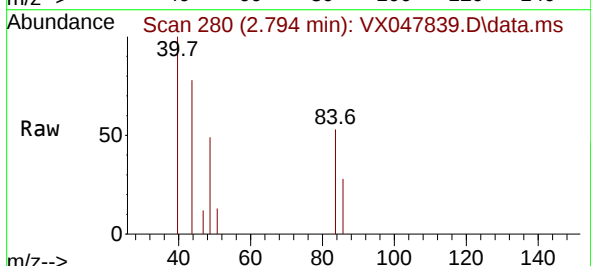
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250916

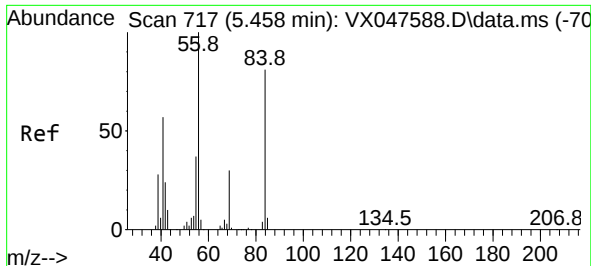
Tgt Ion: 43 Resp: 1106
Ion Ratio Lower Upper
43 100
58 18.8 23.4 35.0#



#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Tgt Ion: 84 Resp: 361
Ion Ratio Lower Upper
84 100
49 91.5 108.6 162.8#
51 24.6 32.6 48.8#
86 53.4 52.0 78.0

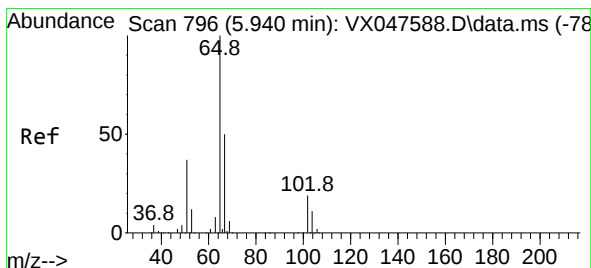
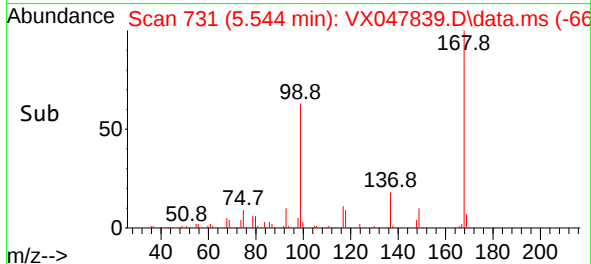
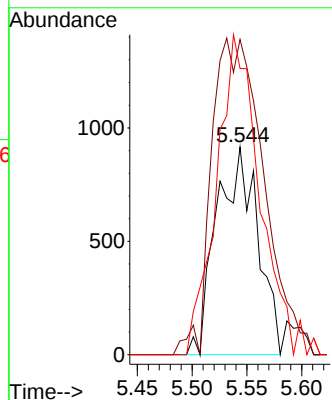
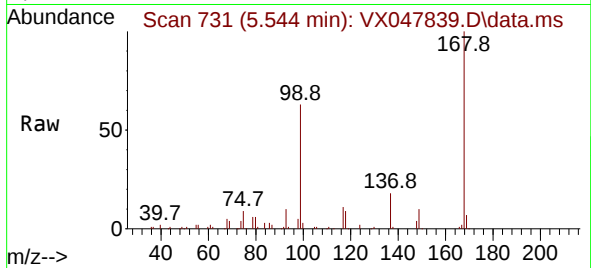




#31
Cyclohexane
Concen: 0.938 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

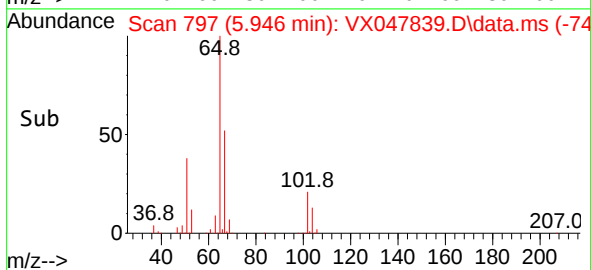
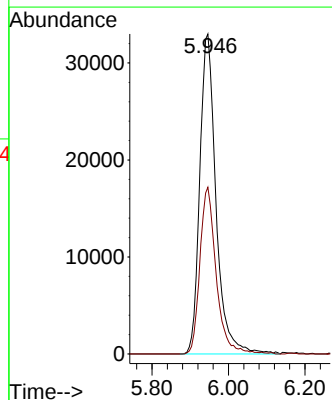
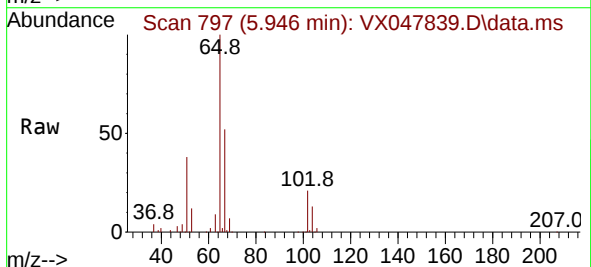
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250916

Tgt Ion: 56 Resp: 2369
Ion Ratio Lower Upper
56 100
69 145.2 23.8 35.8#
84 137.9 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 50.859 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Tgt Ion: 65 Resp: 97234
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

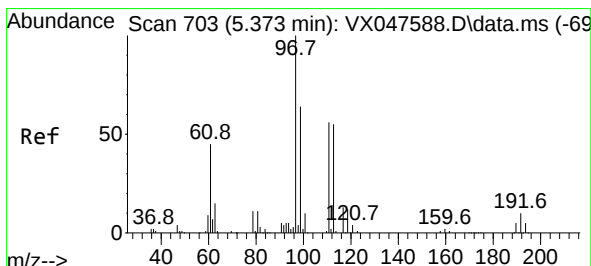
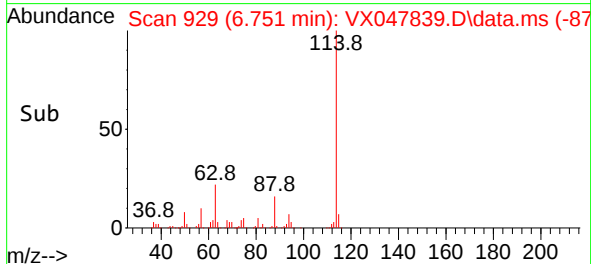
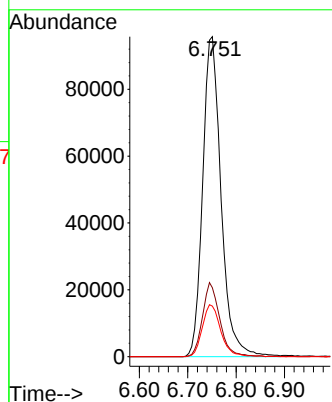
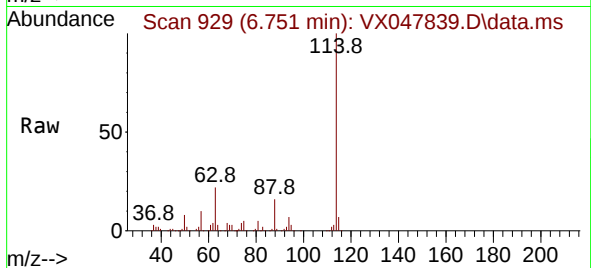




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

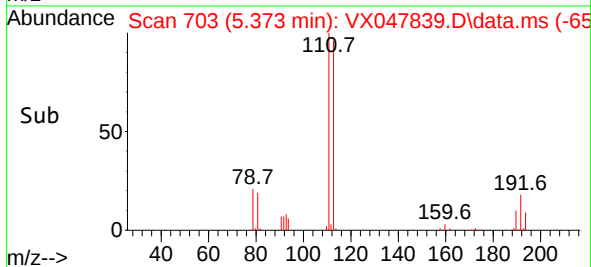
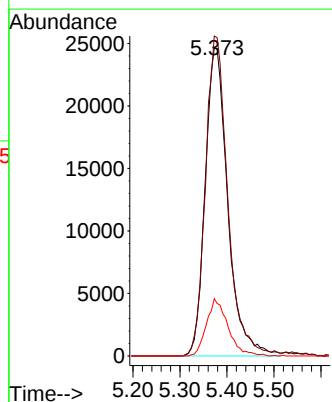
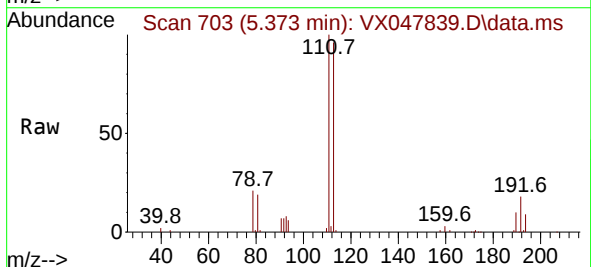
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250916

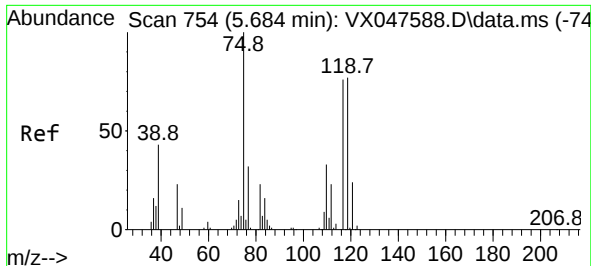
Tgt Ion:114 Resp: 253048
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 15.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.542 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

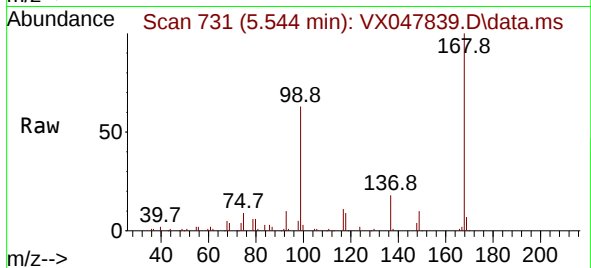
Tgt Ion:113 Resp: 82380
Ion Ratio Lower Upper
113 100
111 102.4 80.9 121.3
192 17.7 14.2 21.4



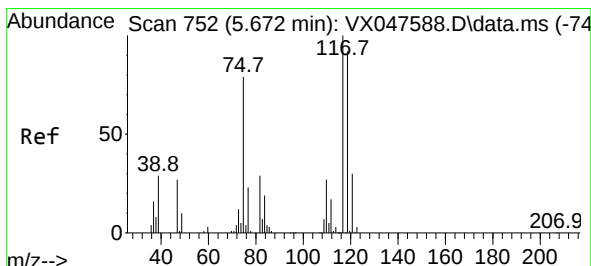
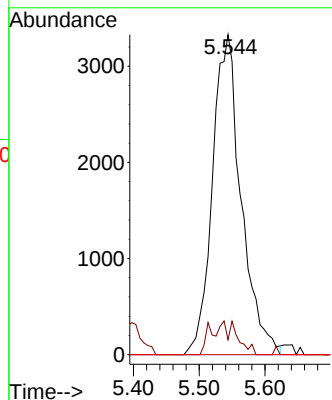
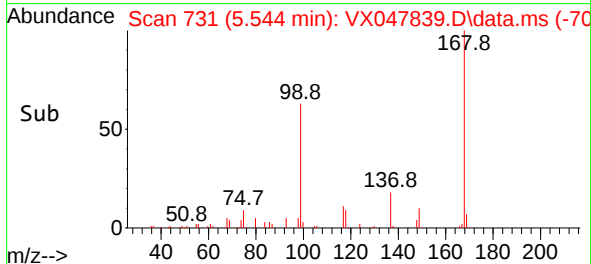


#36
1,1-Dichloropropene
Concen: 4.074 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

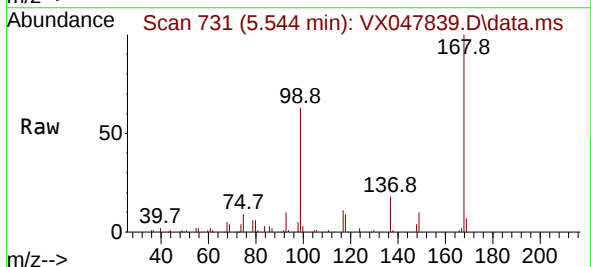
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250916



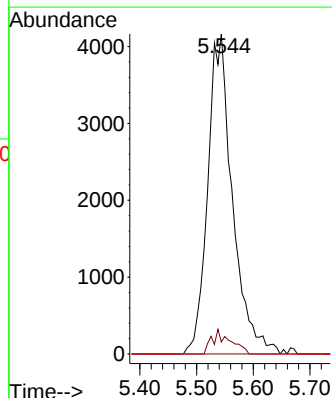
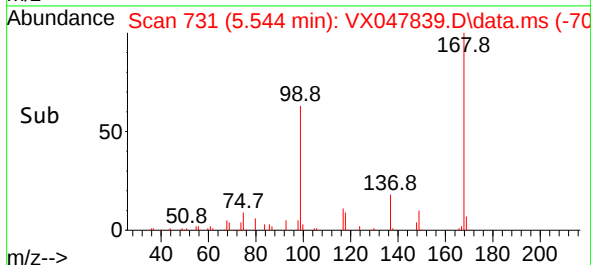
Tgt Ion: 75 Resp: 10103
Ion Ratio Lower Upper
75 100
110 1.5 16.7 50.1#
77 0.0 24.3 36.5#

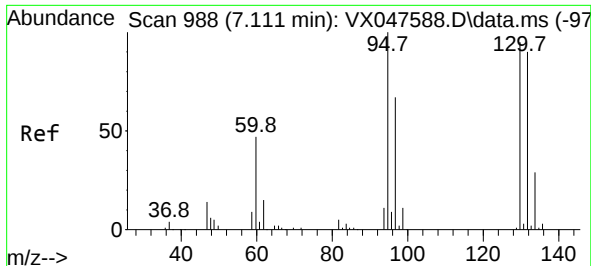


#38
Carbon Tetrachloride
Concen: 4.682 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01



Tgt Ion: 117 Resp: 12614
Ion Ratio Lower Upper
117 100
119 3.8 73.4 110.2#
121 0.0 23.8 35.6#

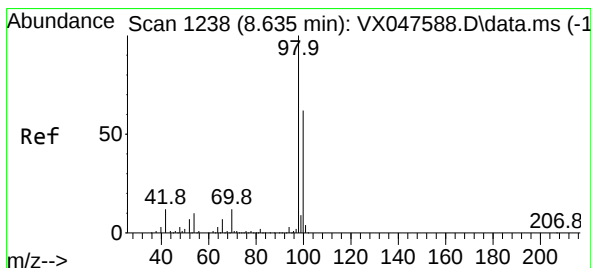
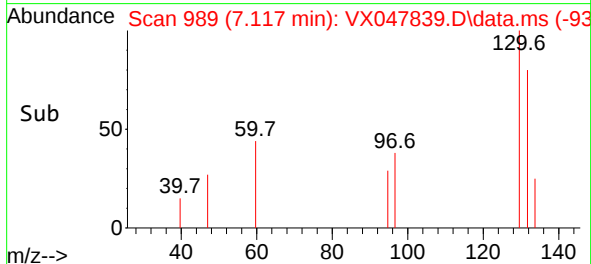
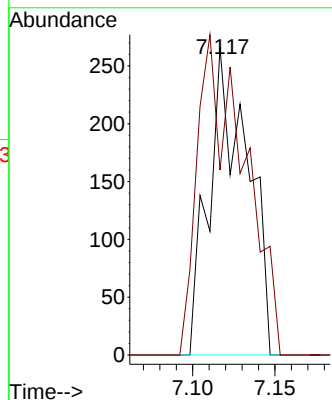
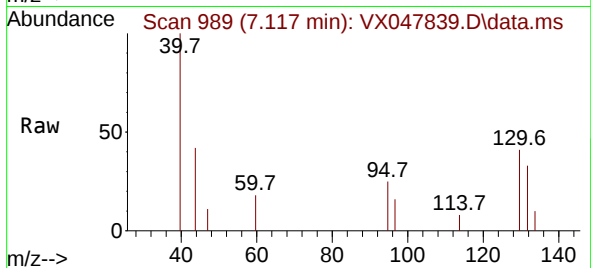




#44
Trichloroethene
Concen: 0.238 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

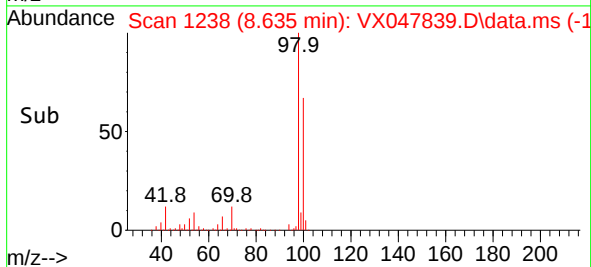
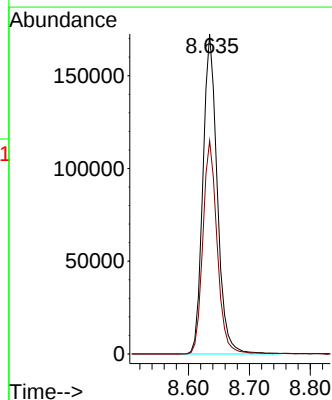
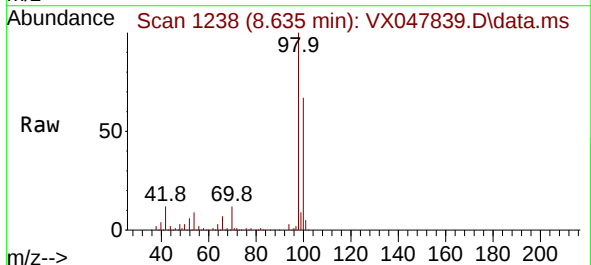
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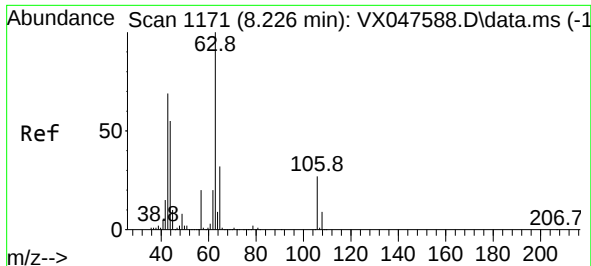
Tgt Ion:130 Resp: 434
Ion Ratio Lower Upper
130 100
95 60.2 0.0 210.8



#50
Toluene-d8
Concen: 48.004 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Tgt Ion: 98 Resp: 281888
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4

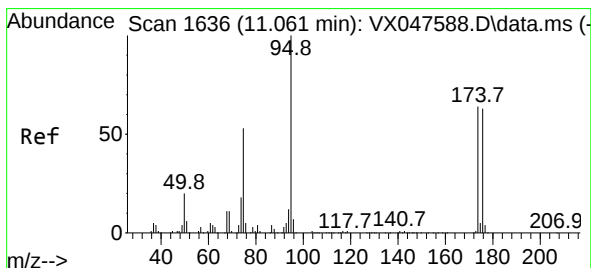
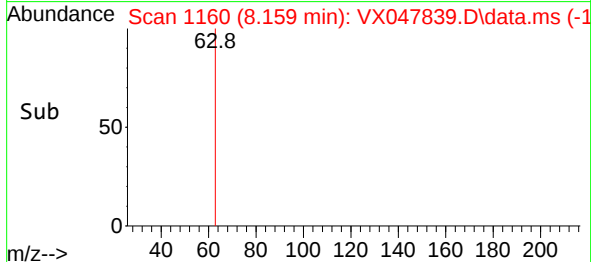
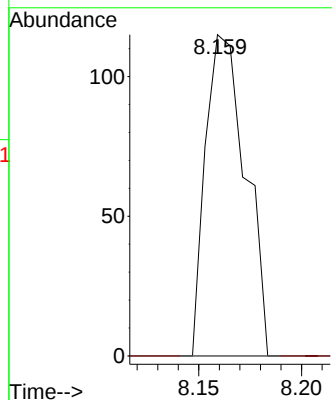
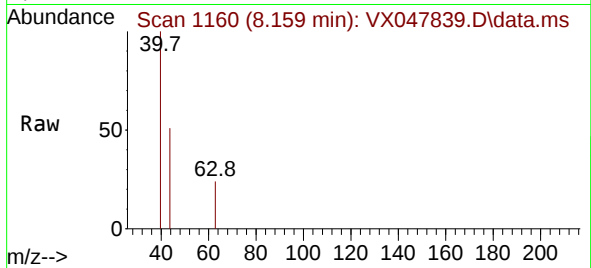




#58
2-Chloroethyl Vinyl ether
Concen: 8.009 ug/l
RT: 8.159 min Scan# 1171
Delta R.T. -0.067 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

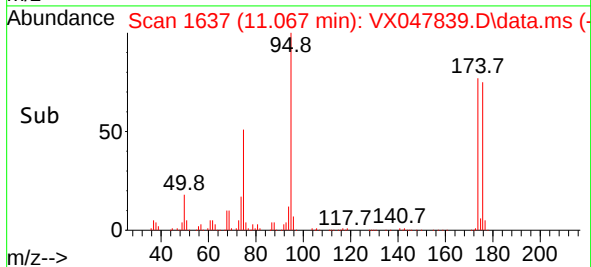
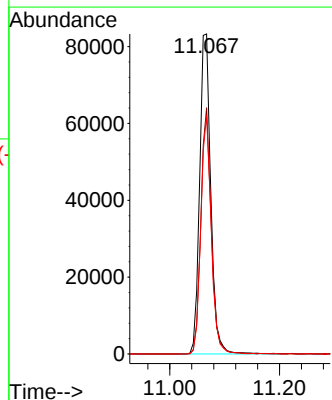
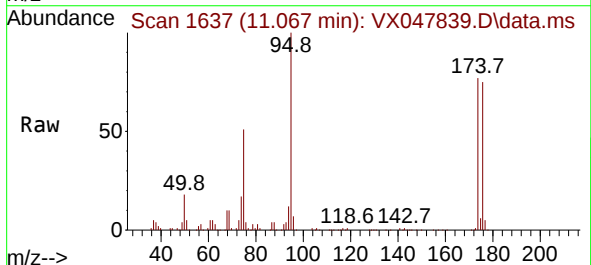
Instrument :
MSVOA_X
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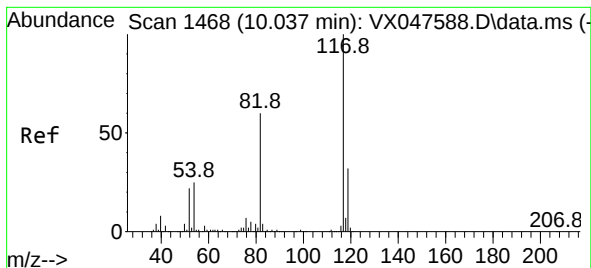
Tgt Ion: 63 Resp: 156
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#



#62
4-Bromofluorobenzene
Concen: 52.977 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Tgt Ion: 95 Resp: 118065
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 69.7 0.0 138.4

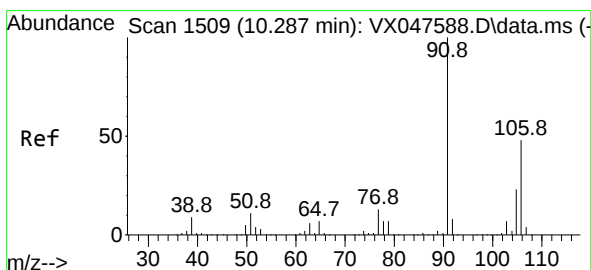
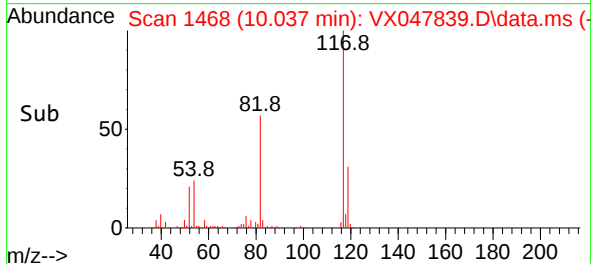
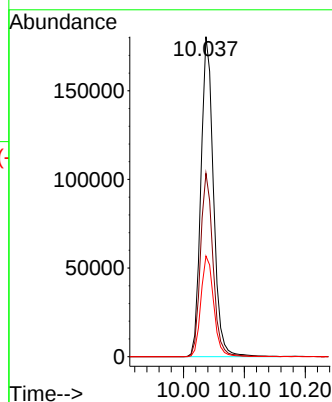
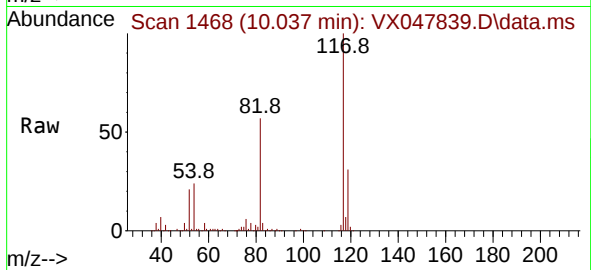




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

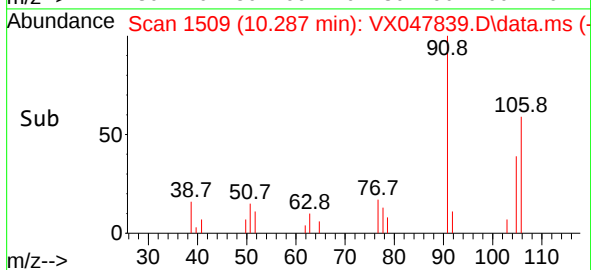
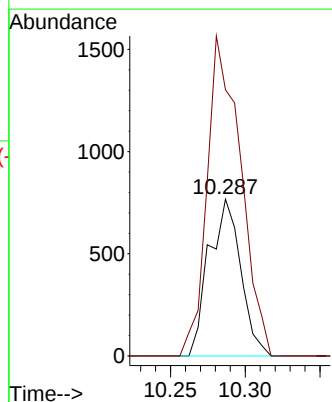
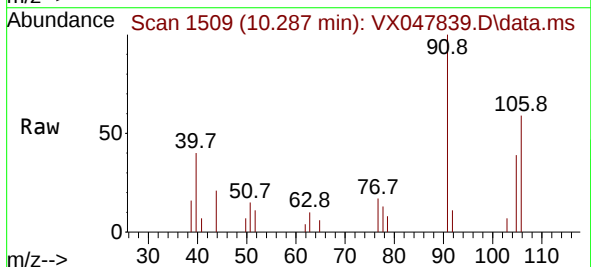
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250916

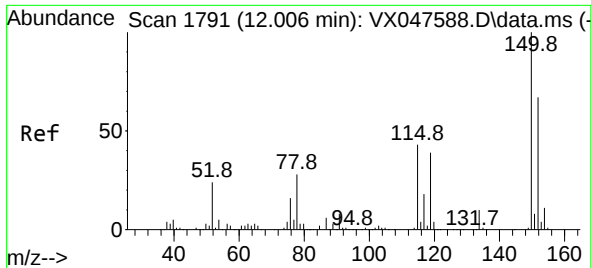
Tgt Ion:117 Resp: 258299
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.6
119 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 0.300 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Tgt Ion:106 Resp: 1131
Ion Ratio Lower Upper
106 100
91 215.8 167.8 251.8

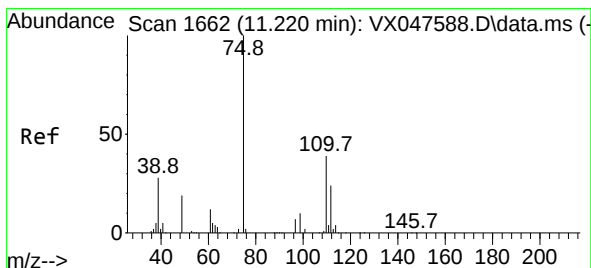
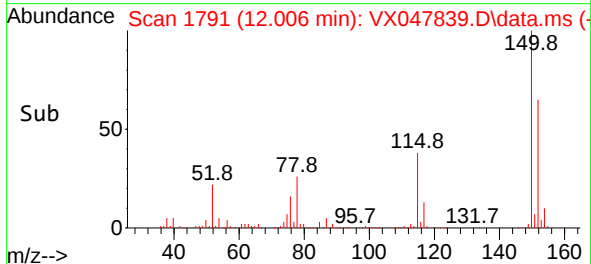
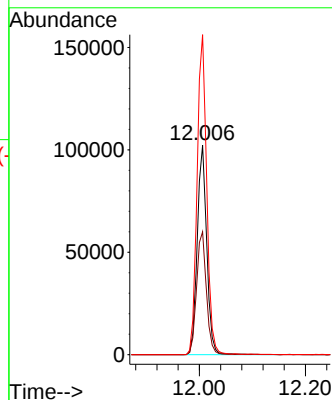
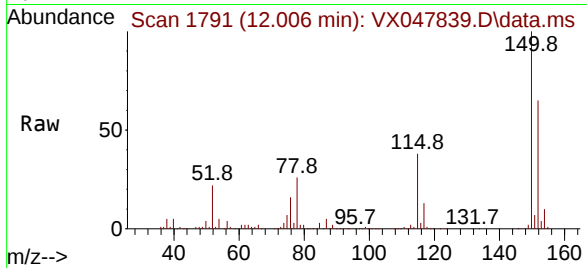




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

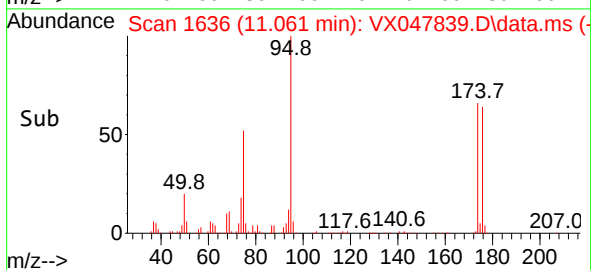
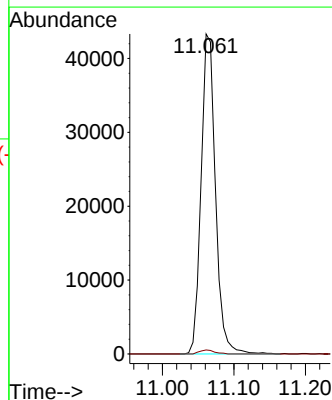
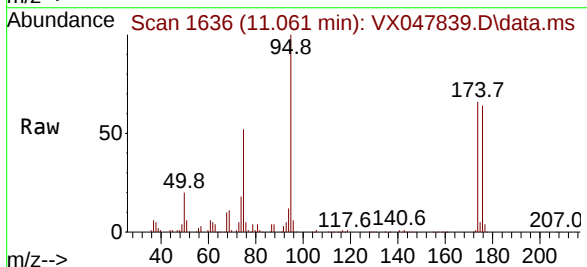
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250916

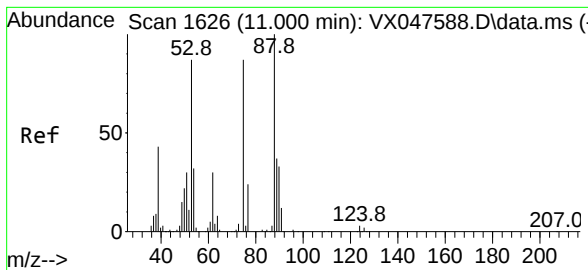
Tgt Ion:152 Resp: 127208
Ion Ratio Lower Upper
152 100
115 60.6 44.9 134.5
150 154.8 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 23.498 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

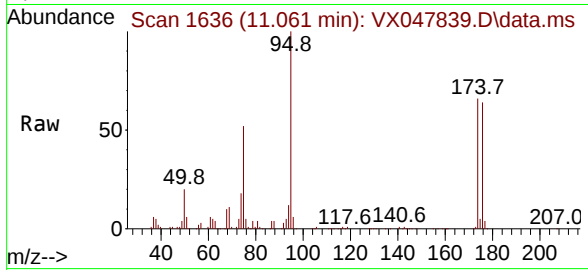
Tgt Ion: 75 Resp: 60520
Ion Ratio Lower Upper
75 100
77 1.3 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.923 ug/l
 RT: 11.061 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX047839.D
 Acq: 26 Sep 2025 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-4-20250916



Tgt Ion: 75 Resp: 60520
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

