

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047815.D
 Acq On : 25 Sep 2025 16:21
 Operator : JC/MD
 Sample : Q3128-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-6-20250917

Quant Time: Sep 26 01:30:39 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)

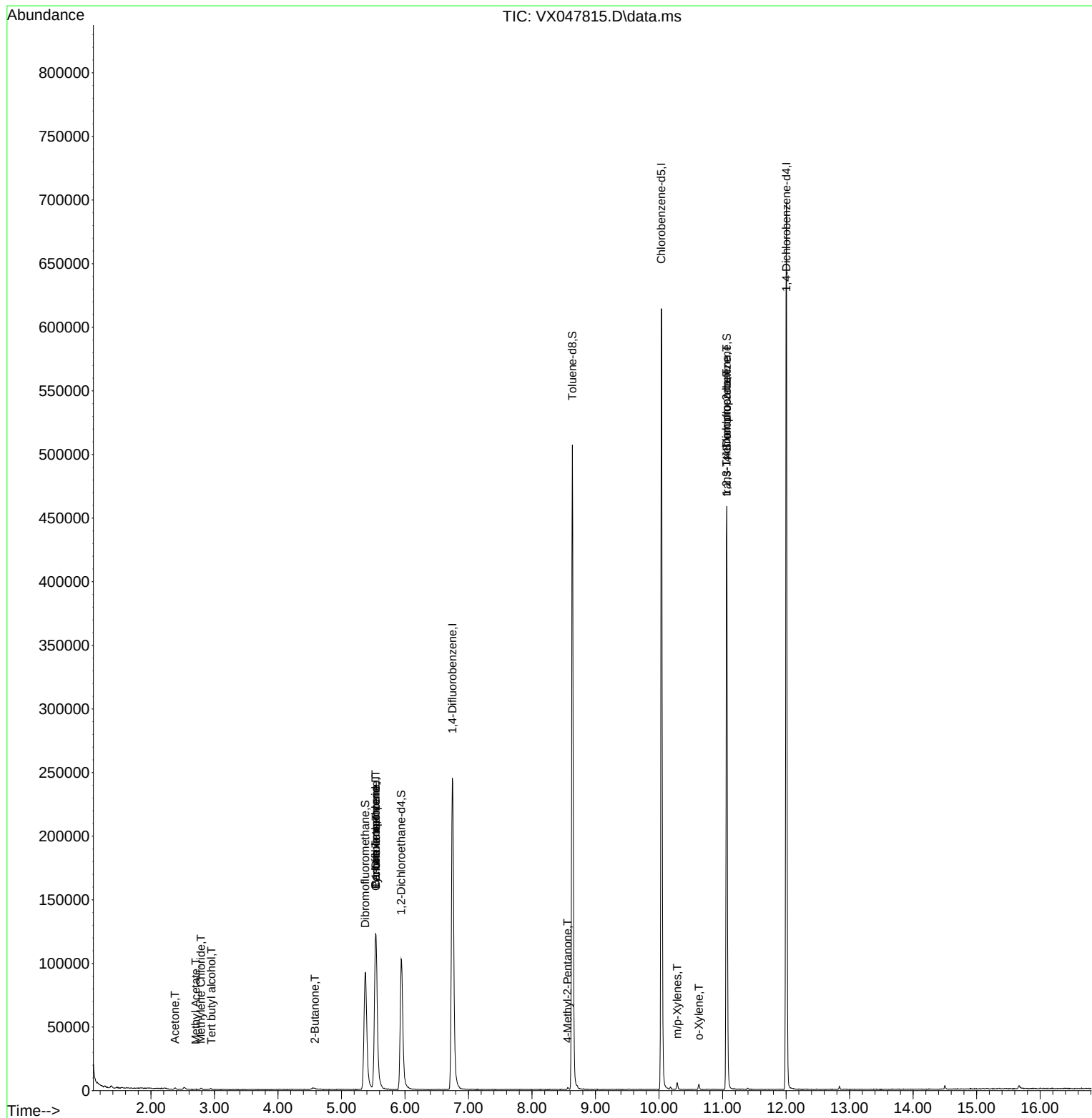
Internal Standards						
1) Pentafluorobenzene	5.537	168	127711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	269892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	279053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	111634	54.915	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.840%	
35) Dibromofluoromethane	5.373	113	90854	50.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.380%	
50) Toluene-d8	8.634	98	310839	49.630	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.260%	
62) 4-Bromofluorobenzene	11.067	95	133248	56.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	136	0.601	ug/l #	72
16) Acetone	2.380	43	1474	1.668	ug/l #	82
18) Methyl Acetate	2.703	43	493	0.251	ug/l #	84
20) Methylene Chloride	2.788	84	564	0.301	ug/l #	67
25) 2-Butanone	4.580	43	1689	1.532	ug/l #	76
31) Cyclohexane	5.544	56	2521	0.938	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	10734	4.058	ug/l #	49
38) Carbon Tetrachloride	5.537	117	13716	4.773	ug/l #	19
51) 4-Methyl-2-Pentanone	8.561	43	1106	0.429	ug/l #	82
68) m/p-Xylenes	10.287	106	1337	0.328	ug/l	91
69) o-Xylene	10.628	106	994	0.252	ug/l	78
76) 1,2,3-Trichloropropane	11.061	75	68796	23.616	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	68796	60.223	ug/l #	8

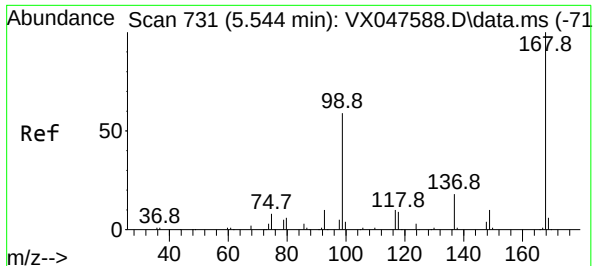
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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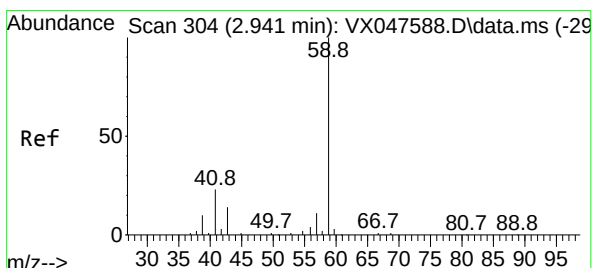
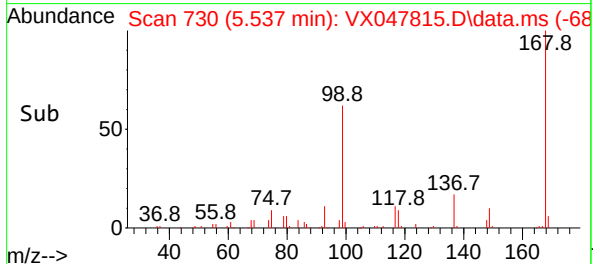
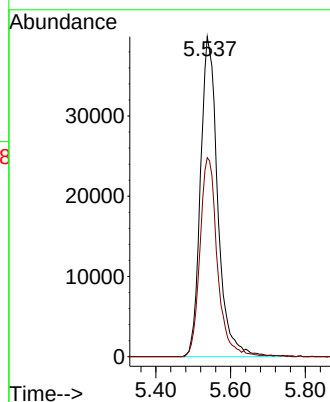
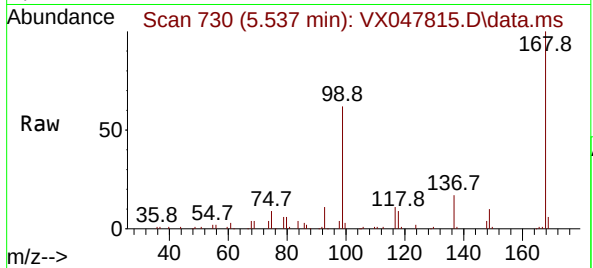




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 711
Delta R.T. -0.007 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

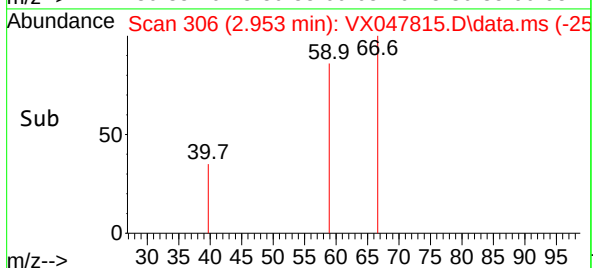
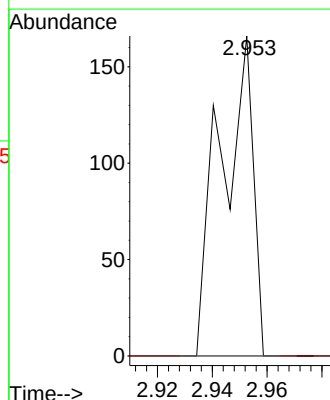
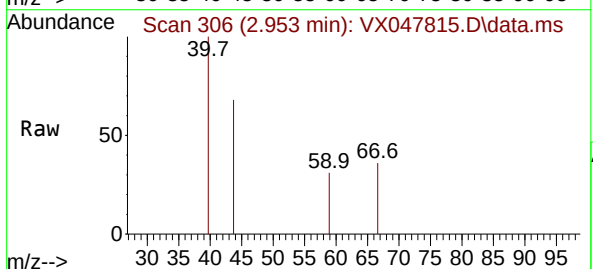
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250917

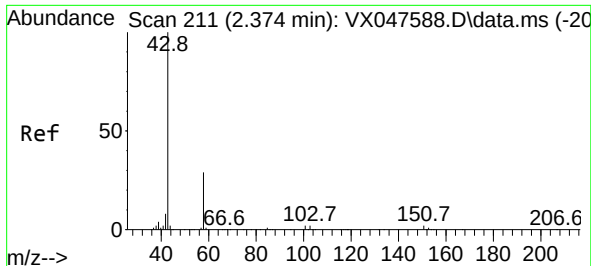
Tgt Ion:168 Resp: 127711
Ion Ratio Lower Upper
168 100
99 62.2 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.601 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Tgt Ion: 59 Resp: 136
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

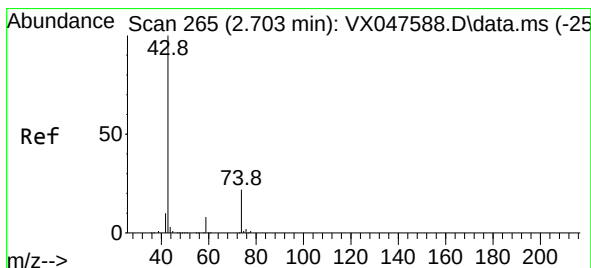
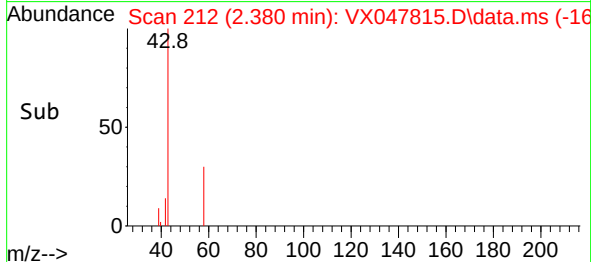
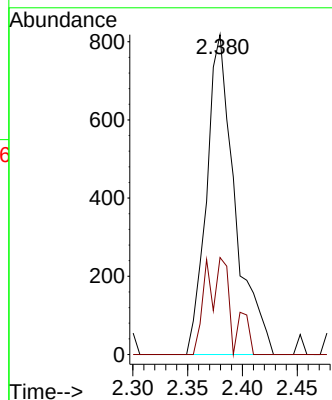
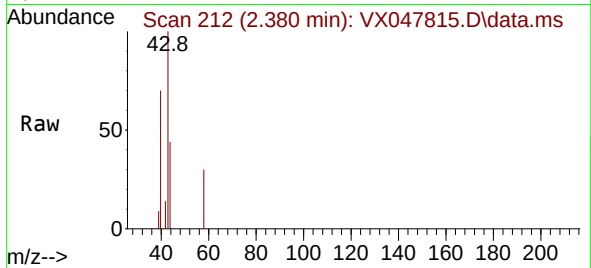




#16
Acetone
Concen: 1.668 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

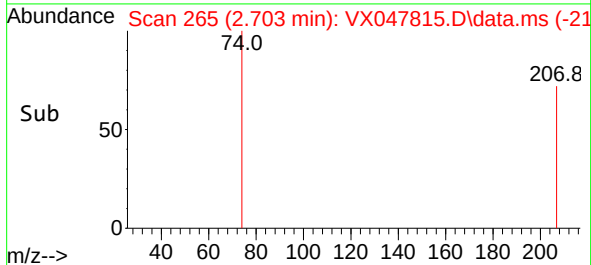
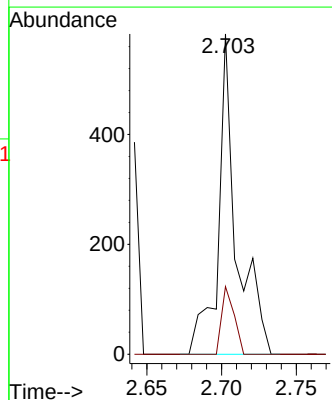
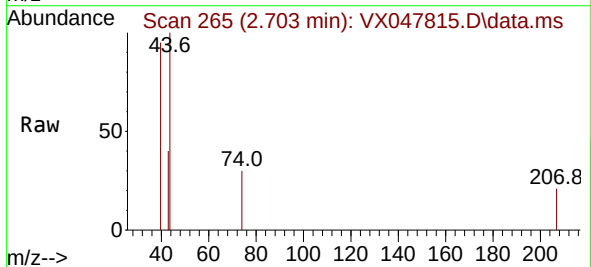
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250917

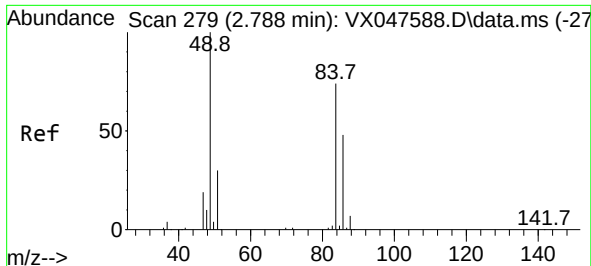
Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
58 38.9 23.4 35.0#



#18
Methyl Acetate
Concen: 0.251 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Tgt Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
74 14.4 17.4 26.2#

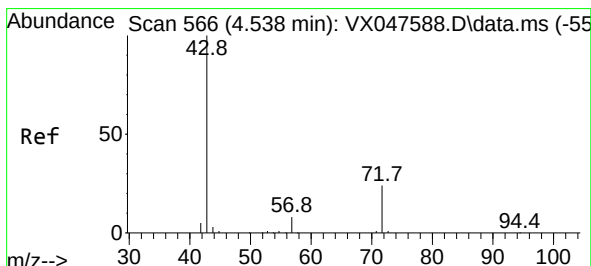
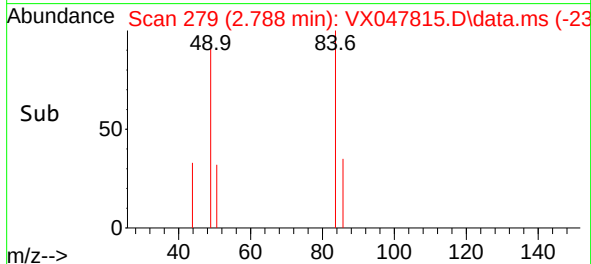
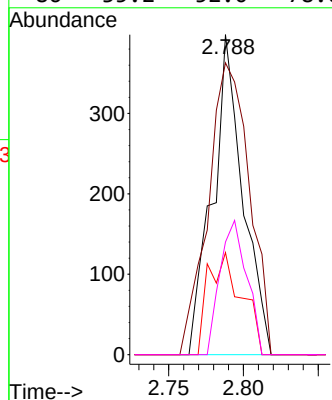
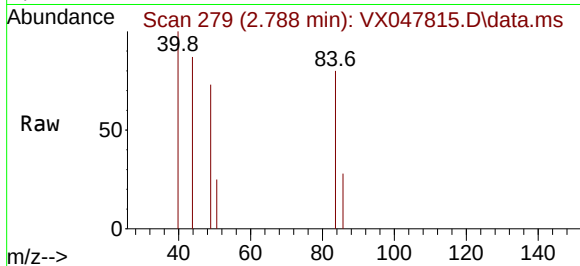




#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

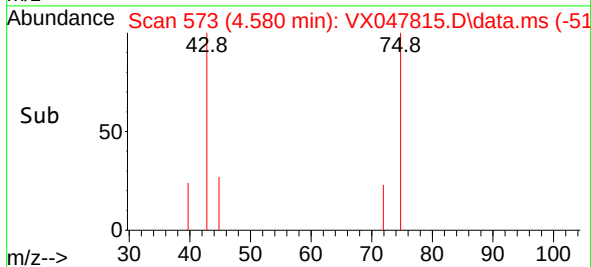
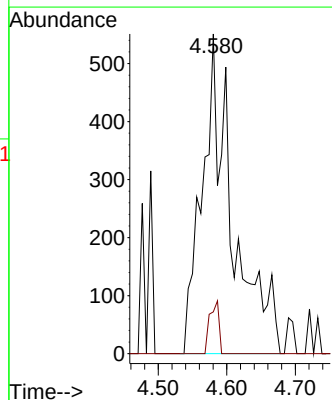
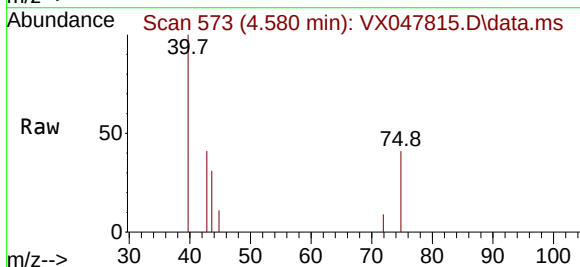
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250917

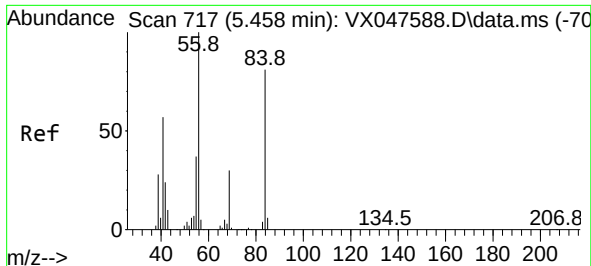
Tgt Ion:	84	Resp:	564
Ion	Ratio	Lower	Upper
84	100		
49	91.2	108.6	162.8#
51	31.9	32.6	48.8#
86	35.2	52.0	78.0#



#25
2-Butanone
Concen: 1.532 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.042 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Tgt Ion:	43	Resp:	1689
Ion	Ratio	Lower	Upper
43	100		
72	13.1	20.1	30.1#

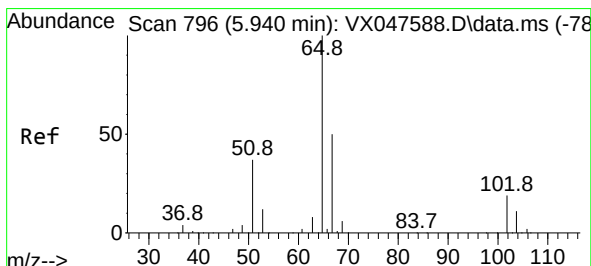
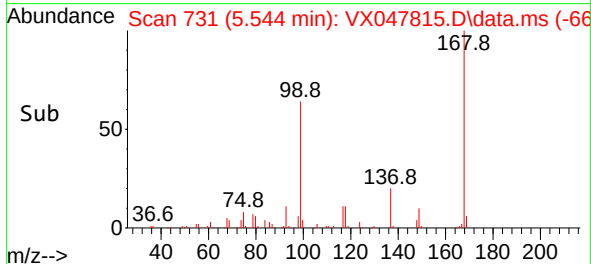
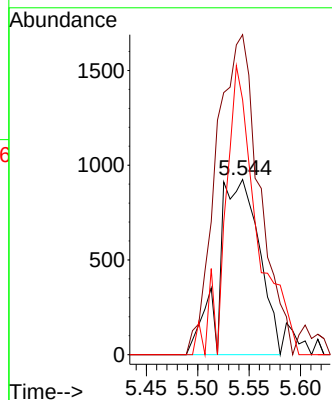
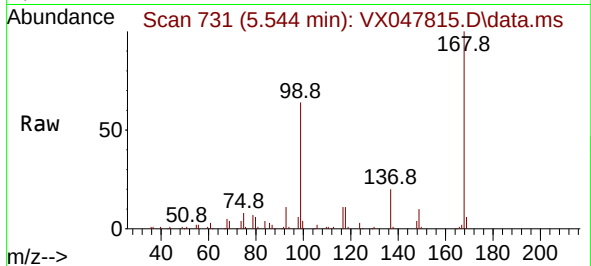




#31
Cyclohexane
Concen: 0.938 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

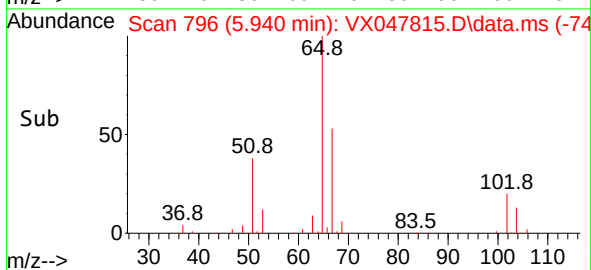
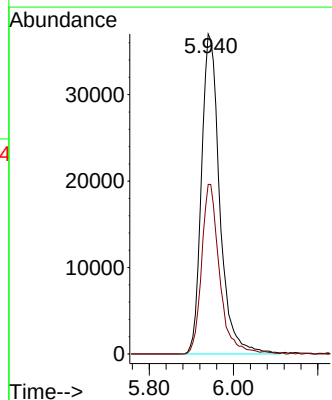
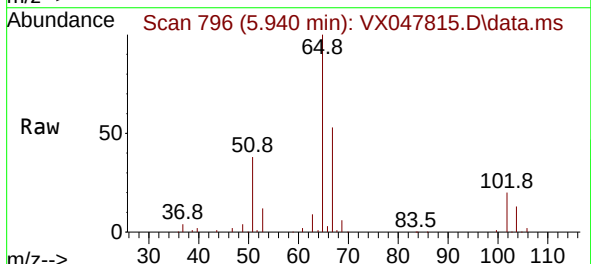
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250917

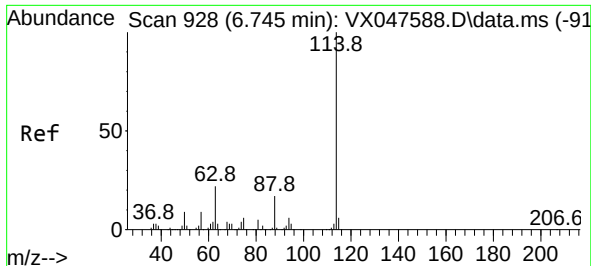
Tgt Ion: 56 Resp: 2521
Ion Ratio Lower Upper
56 100
69 182.6 23.8 35.8#
84 145.4 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 54.915 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Tgt Ion: 65 Resp: 111634
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

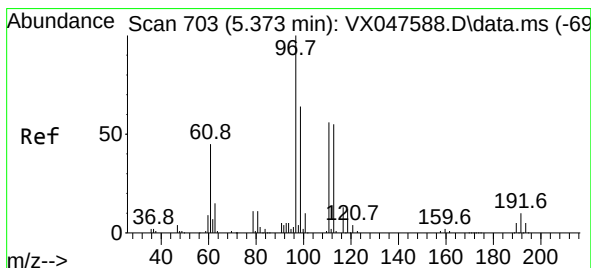
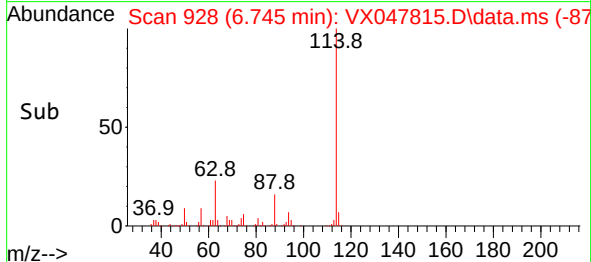
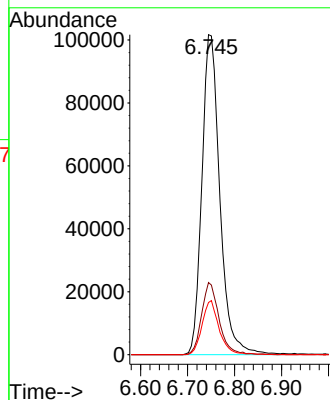
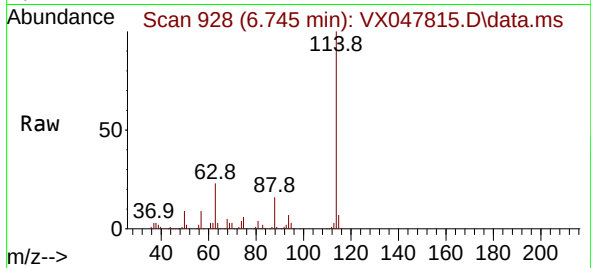




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

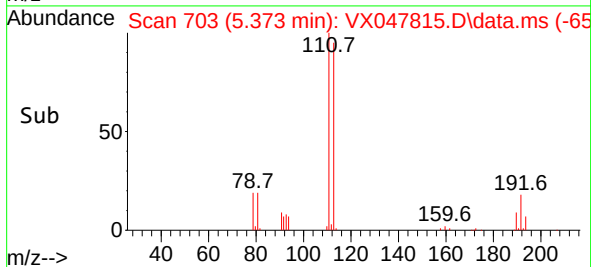
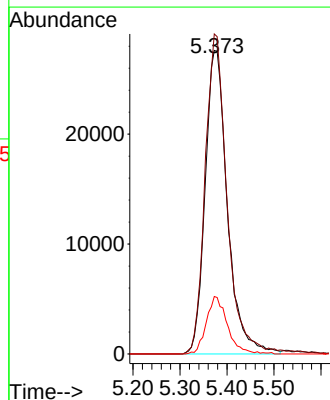
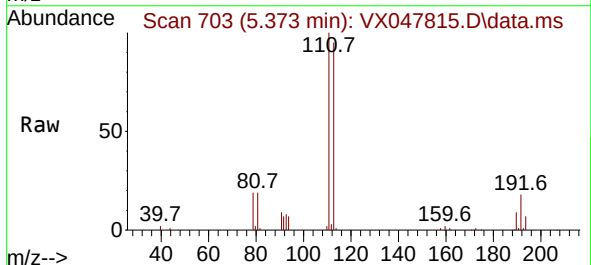
Instrument :
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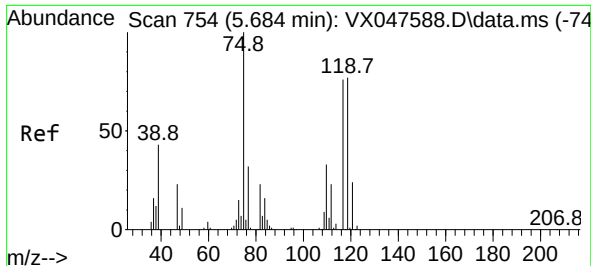
Tgt Ion:114 Resp: 269892
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.194 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Tgt Ion:113 Resp: 90854
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 18.0 14.2 21.4

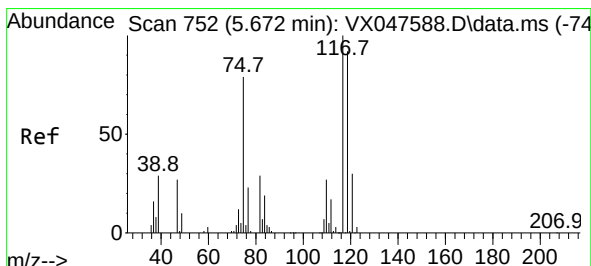
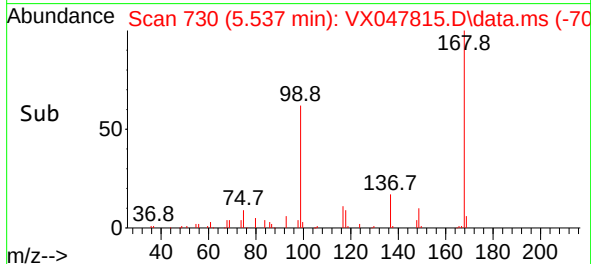
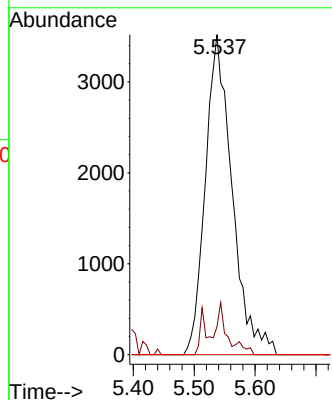
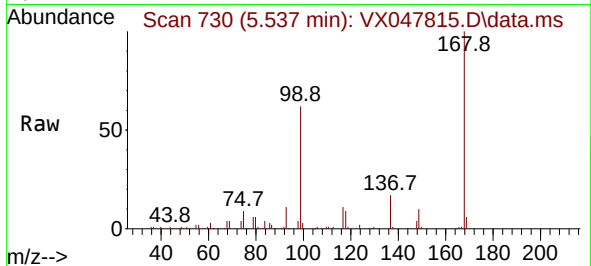




#36
1,1-Dichloropropene
Concen: 4.058 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

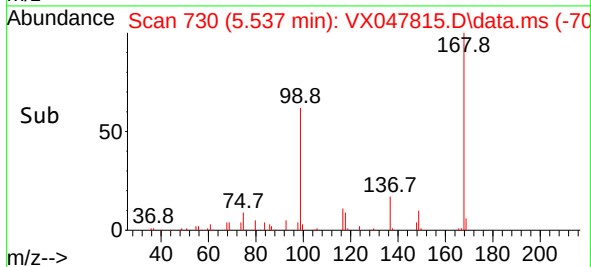
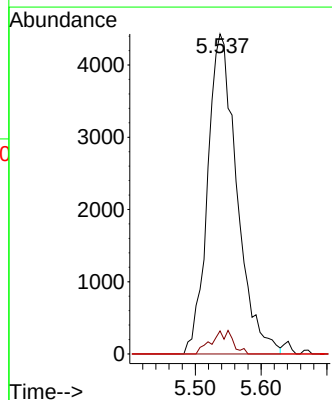
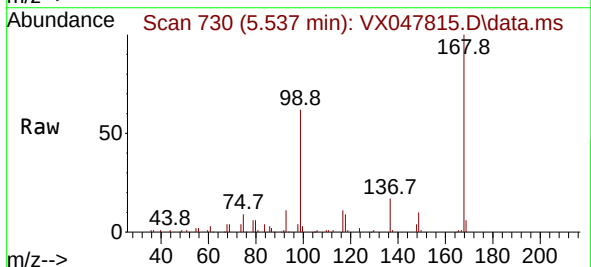
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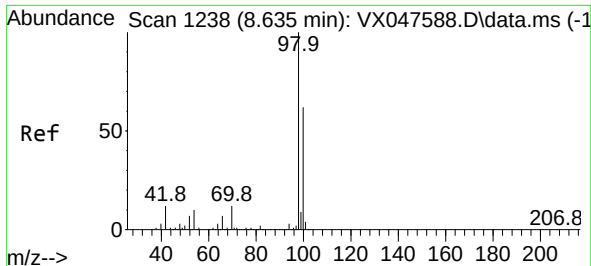
Tgt Ion: 75 Resp: 10734
Ion Ratio Lower Upper
75 100
110 6.4 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.773 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Tgt Ion: 117 Resp: 13716
Ion Ratio Lower Upper
117 100
119 7.2 73.4 110.2#
121 0.0 23.8 35.6#

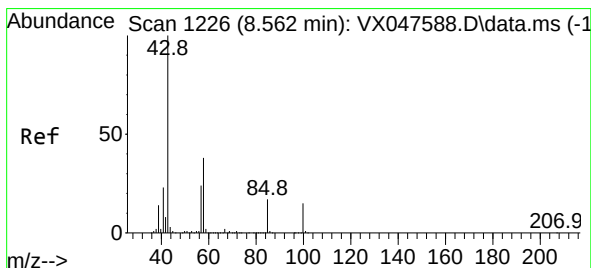
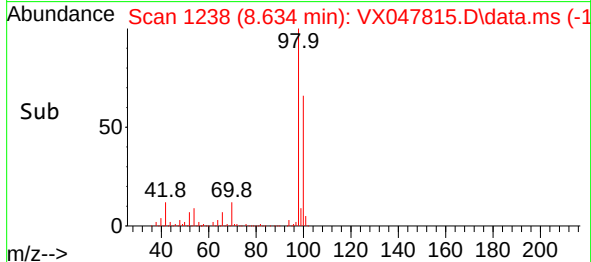
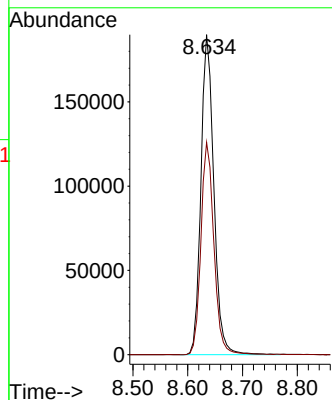
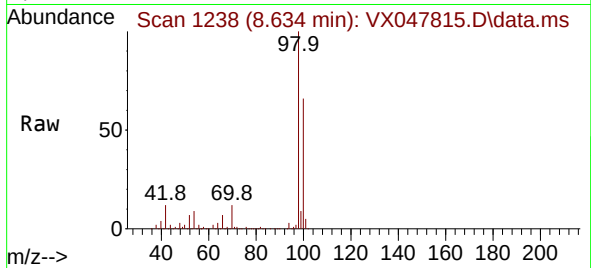




#50
Toluene-d8
Concen: 49.630 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

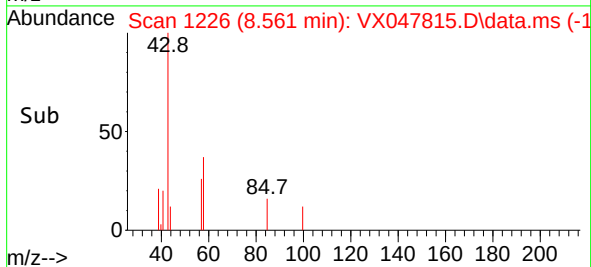
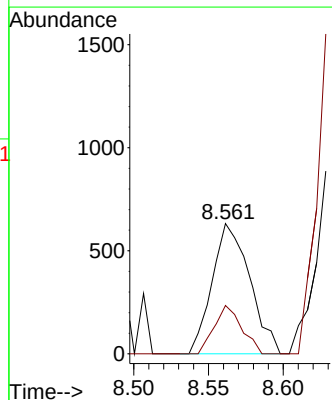
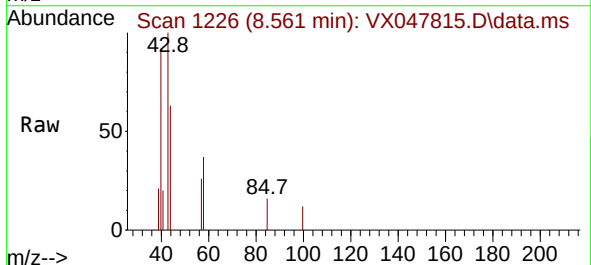
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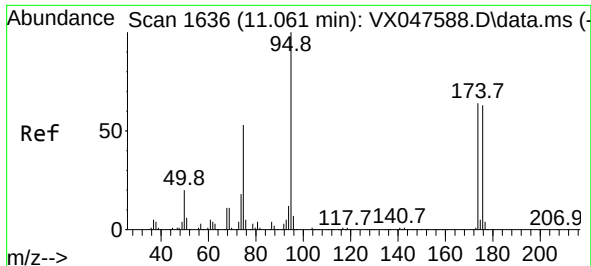
Tgt Ion: 98 Resp: 310839
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.429 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Tgt Ion: 43 Resp: 1106
Ion Ratio Lower Upper
43 100
58 27.1 30.3 45.5#

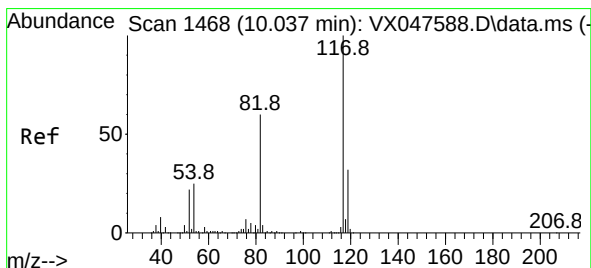
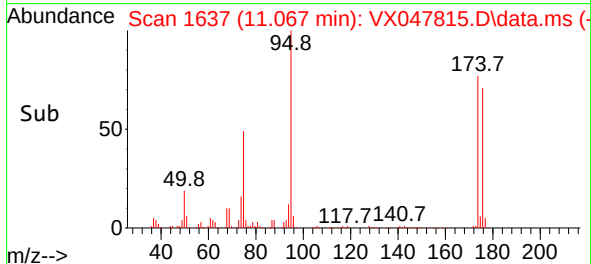
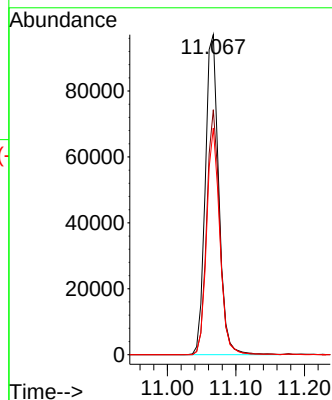
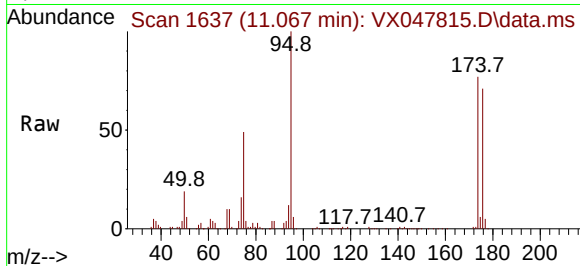




#62
4-Bromofluorobenzene
Concen: 56.058 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

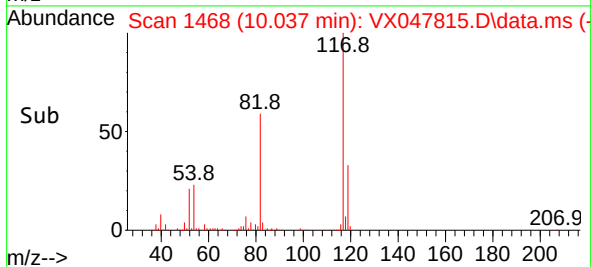
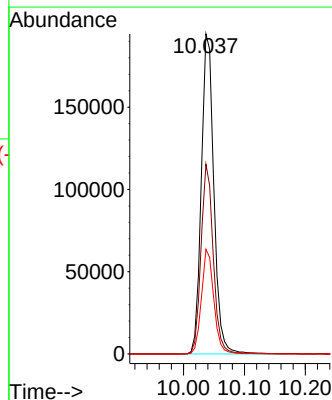
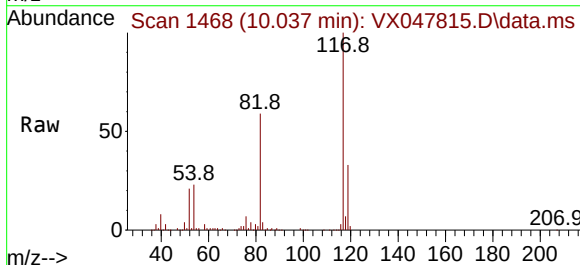
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250917

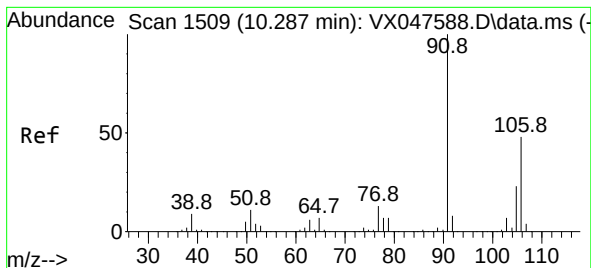
Tgt Ion: 95 Resp: 133248
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.6
176 68.9 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Tgt Ion: 117 Resp: 279053
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.6
119 32.7 25.2 37.8





#68

m/p-Xylenes

Concen: 0.328 ug/l

RT: 10.287 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047815.D

Acq: 25 Sep 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

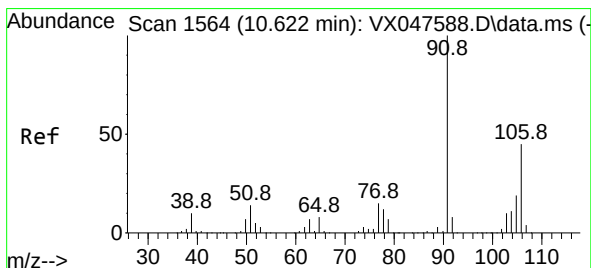
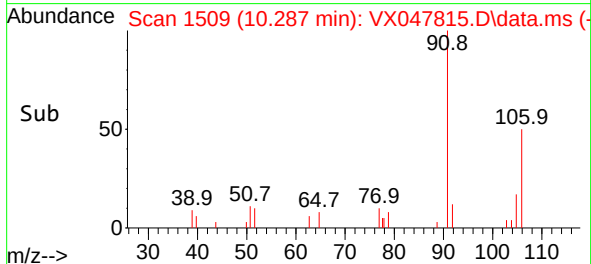
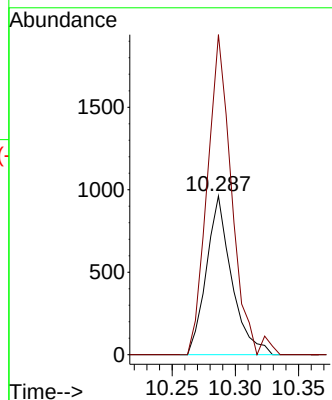
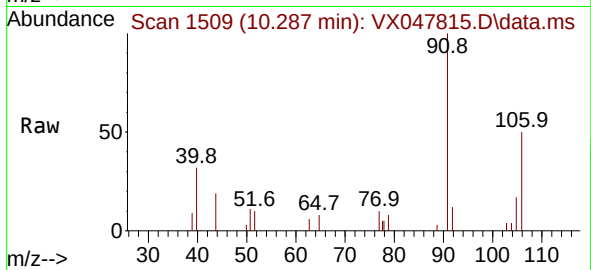
BPOW6-6-20250917

Tgt Ion:106 Resp: 1337

Ion Ratio Lower Upper

106 100

91 195.0 167.8 251.8



#69

o-Xylene

Concen: 0.252 ug/l

RT: 10.628 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VX047815.D

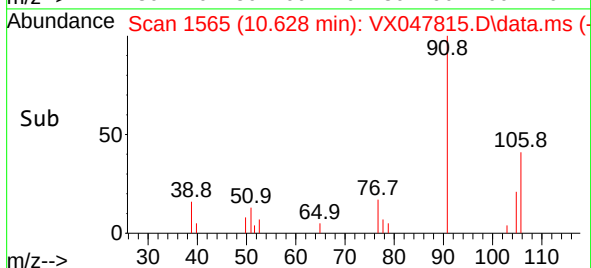
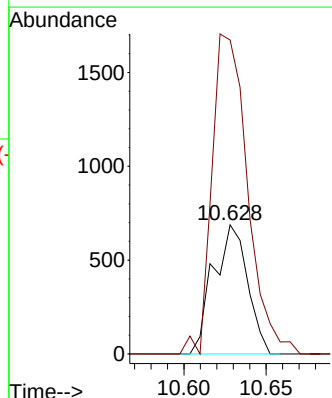
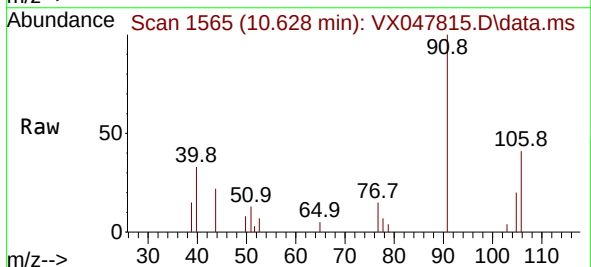
Acq: 25 Sep 2025 16:21

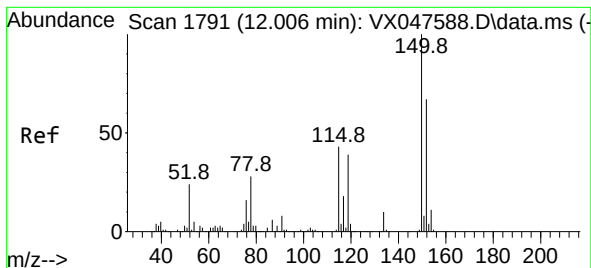
Tgt Ion:106 Resp: 994

Ion Ratio Lower Upper

106 100

91 258.0 111.1 333.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047815.D

Acq: 25 Sep 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-6-20250917

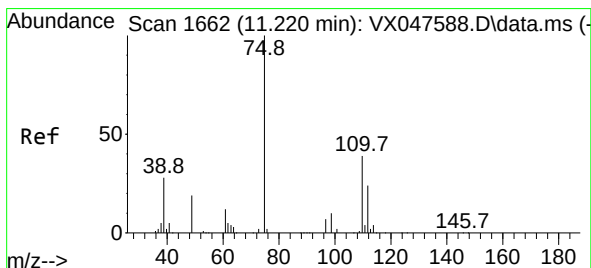
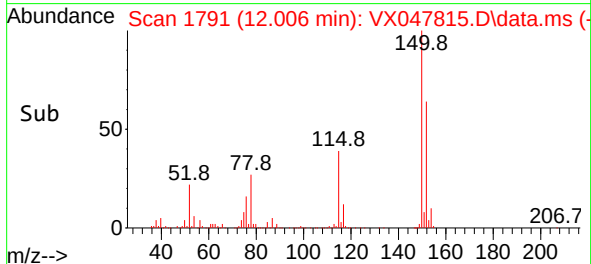
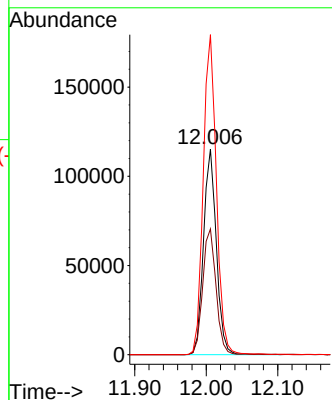
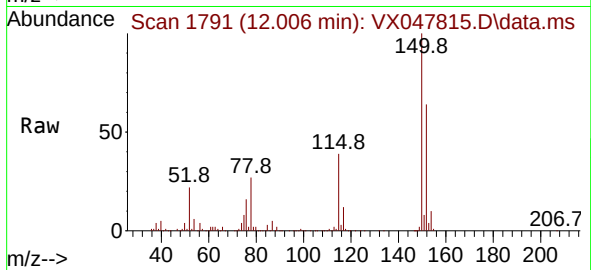
Tgt Ion:152 Resp: 143881

Ion Ratio Lower Upper

152 100

115 63.6 44.9 134.5

150 159.6 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 23.616 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX047815.D

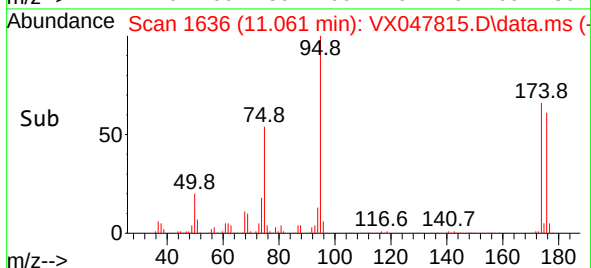
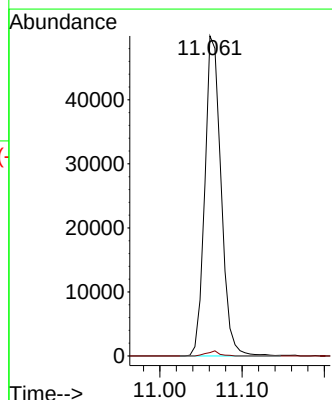
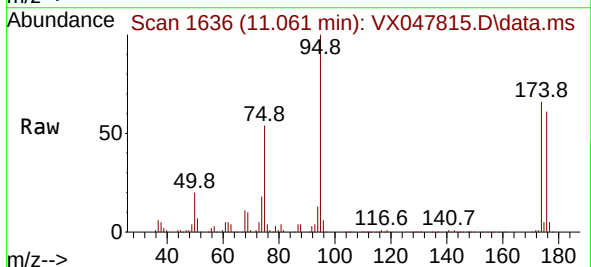
Acq: 25 Sep 2025 16:21

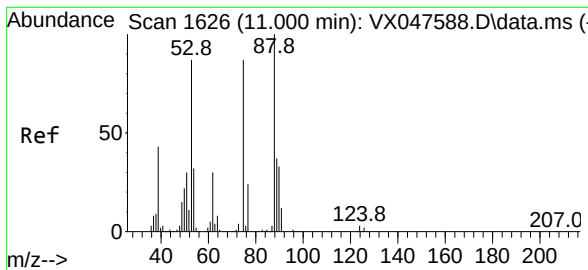
Tgt Ion: 75 Resp: 68796

Ion Ratio Lower Upper

75 100

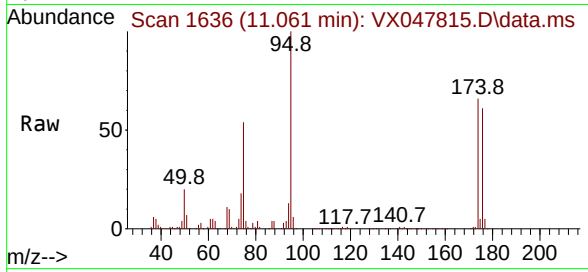
77 1.2 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.223 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047815.D
 Acq: 25 Sep 2025 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-6-20250917



Tgt Ion: 75 Resp: 68796
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

