

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084296.D
 Acq On : 03 Oct 2024 14:16
 Operator : JC\MD
 Sample : P4226-28
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-10-20240927

Quant Time: Oct 04 01:34:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

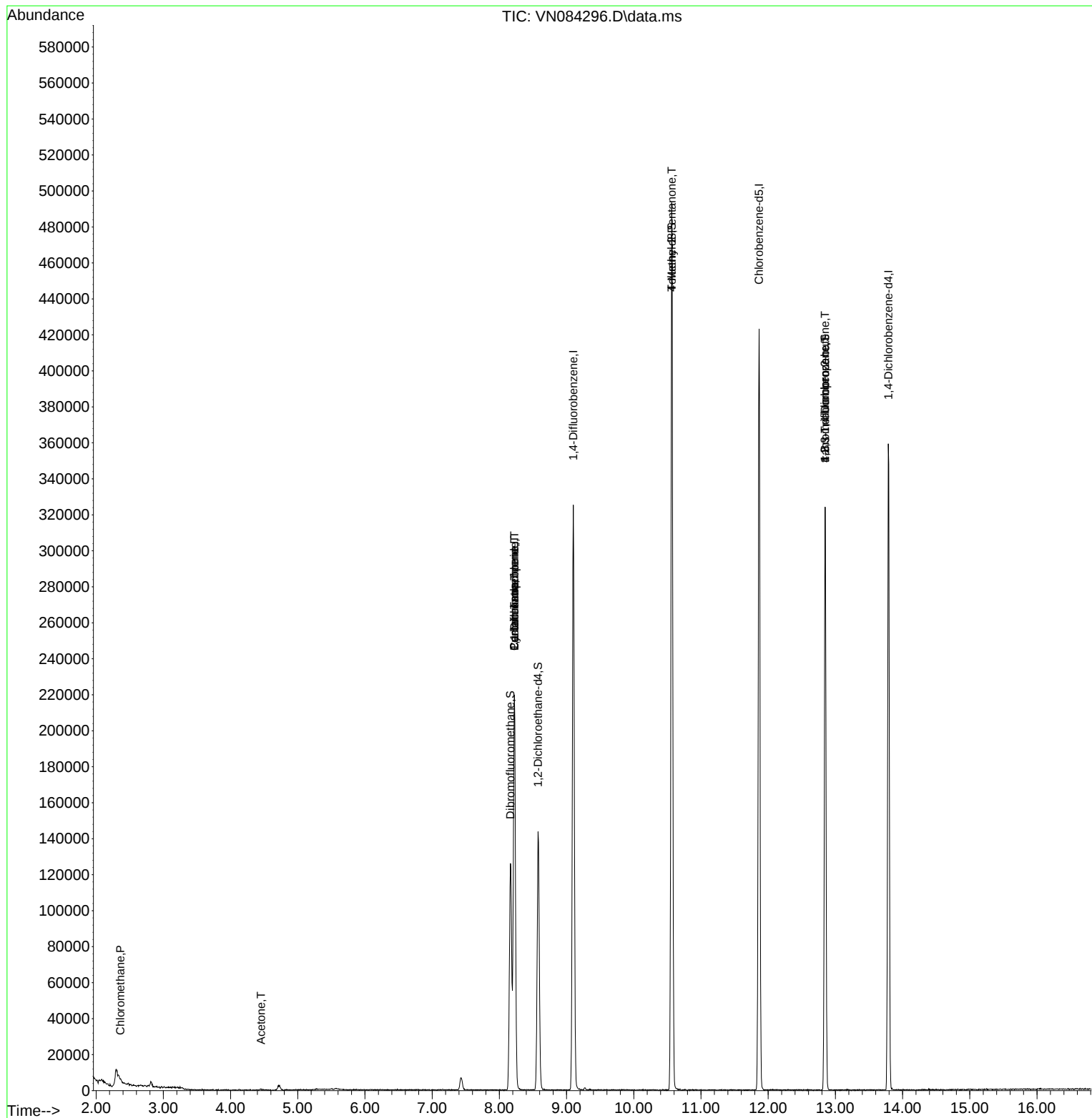
Internal Standards						
1) Pentafluorobenzene	8.224	168	154713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	96559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118839	51.806	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.620%		
35) Dibromofluoromethane	8.165	113	92117	51.284	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.560%		
50) Toluene-d8	10.565	98	332548	50.321	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.640%		
62) 4-Bromofluorobenzene	12.847	95	113256	47.042	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 94.080%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	732	0.350	ug/l #	41
16) Acetone	4.453	43	384	0.390	ug/l #	27
31) Cyclohexane	8.224	56	3706	1.091	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13798	5.288	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17570	6.139	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	1484	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	60891	30.889	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60891	74.055	ug/l #	11

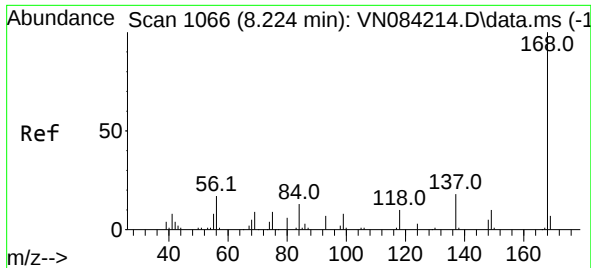
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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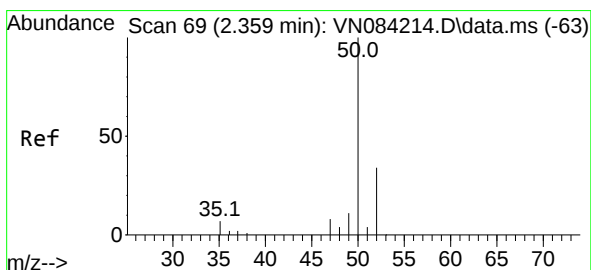
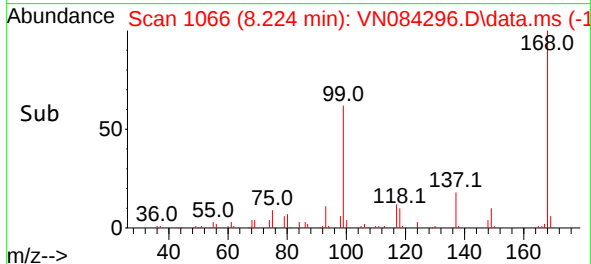
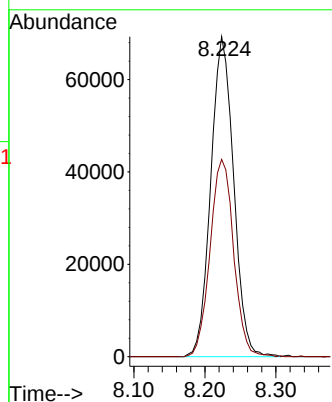
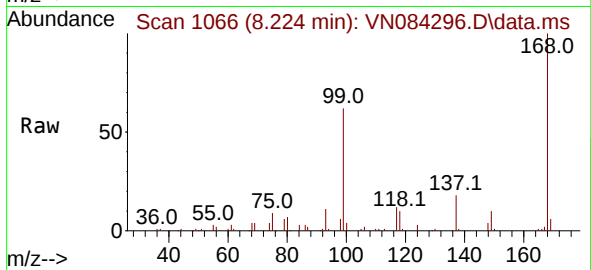




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084296.D
Acq: 03 Oct 2024 14:16

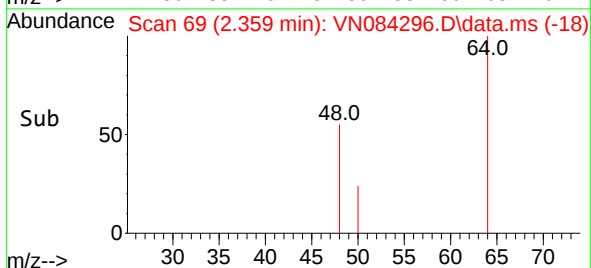
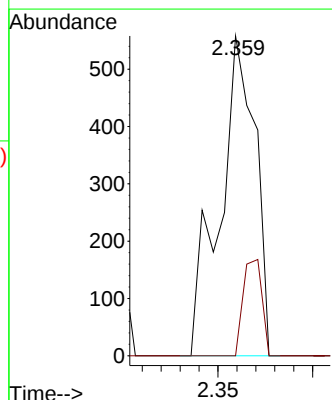
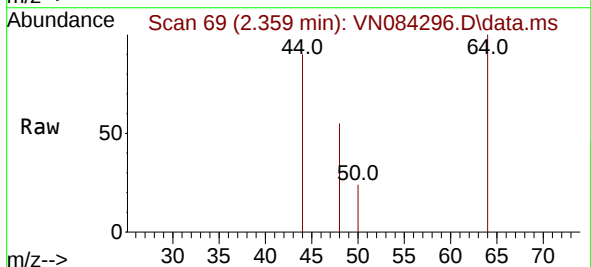
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-10-20240927

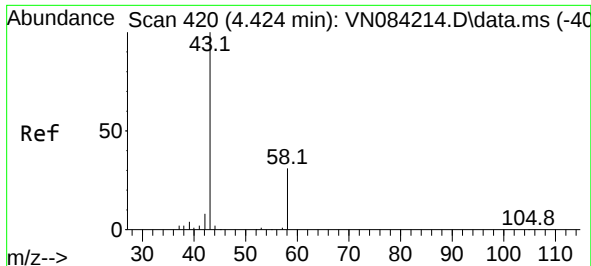
Tgt Ion:168 Resp: 154713
Ion Ratio Lower Upper
168 100
99 61.6 54.2 81.2



#3
Chloromethane
Concen: 0.350 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084296.D
Acq: 03 Oct 2024 14:16

Tgt Ion: 50 Resp: 732
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

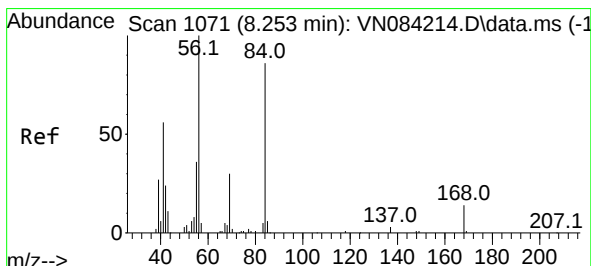
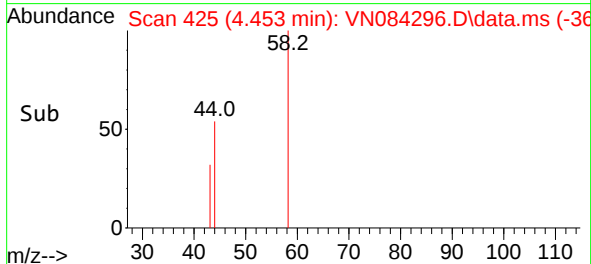
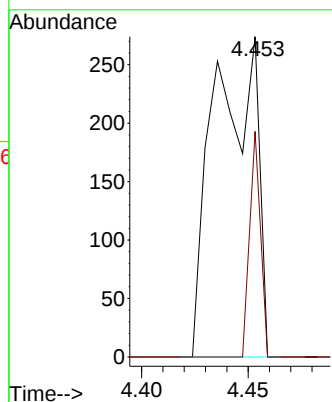
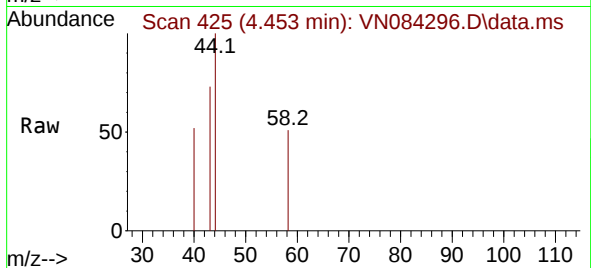




#16
Acetone
Concen: 0.390 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN084296.D
Acq: 03 Oct 2024 14:16

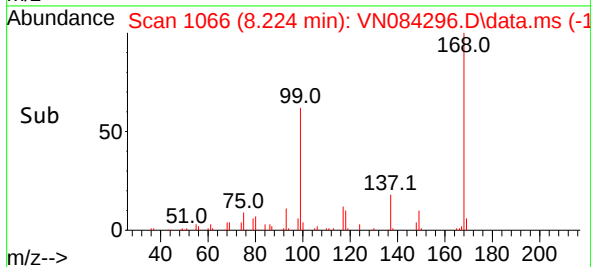
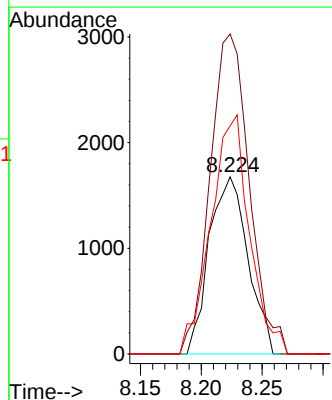
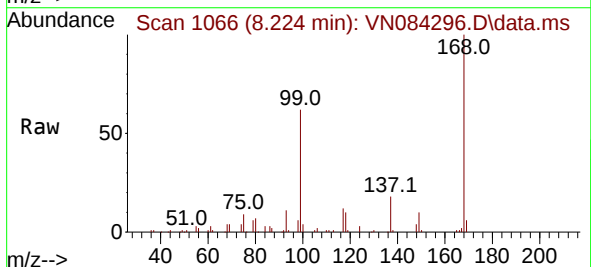
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-10-20240927

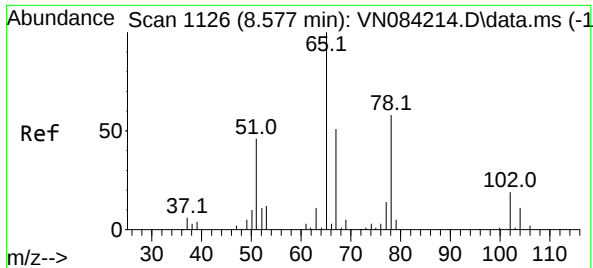
Tgt Ion: 43 Resp: 384
Ion Ratio Lower Upper
43 100
58 70.4 24.4 36.6#



#31
Cyclohexane
Concen: 1.091 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN084296.D
Acq: 03 Oct 2024 14:16

Tgt Ion: 56 Resp: 3706
Ion Ratio Lower Upper
56 100
69 180.7 23.8 35.6#
84 128.8 68.8 103.2#

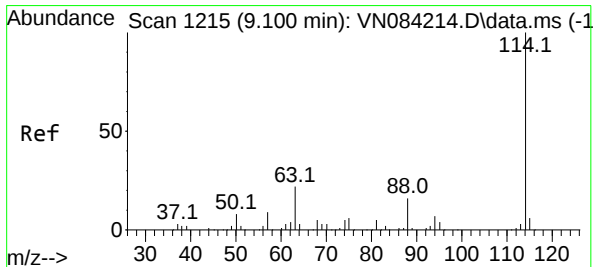
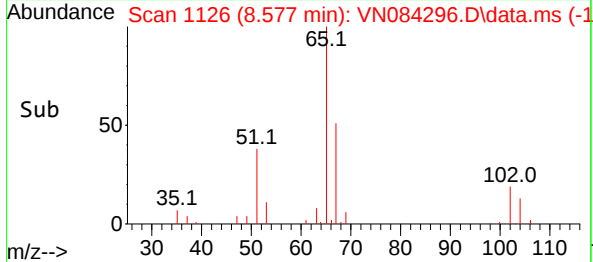
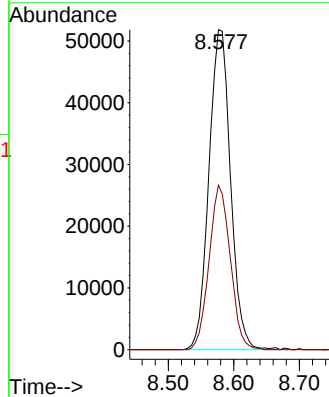
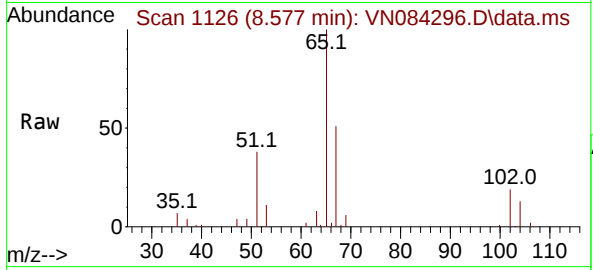




#33
 1,2-Dichloroethane-d4
 Concen: 51.806 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084296.D
 Acq: 03 Oct 2024 14:16

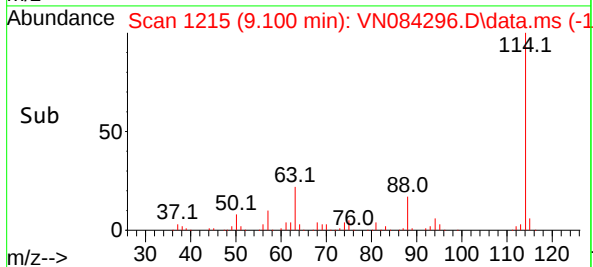
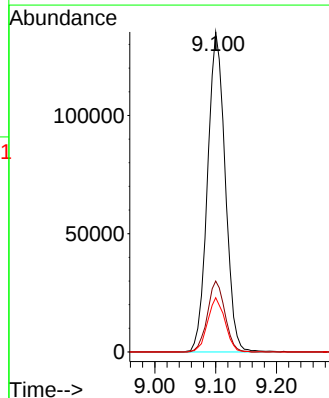
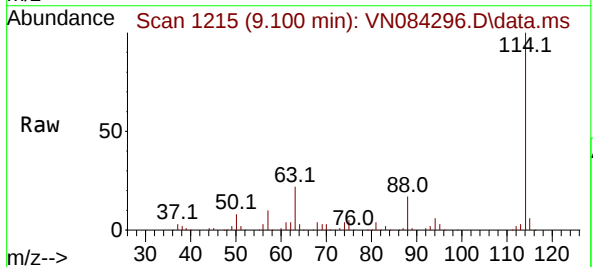
Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-10-20240927

Tgt Ion: 65 Resp: 118839
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084296.D
 Acq: 03 Oct 2024 14:16

Tgt Ion: 114 Resp: 272459
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.8
 88 17.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.284 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084296.D

Acq: 03 Oct 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-10-20240927

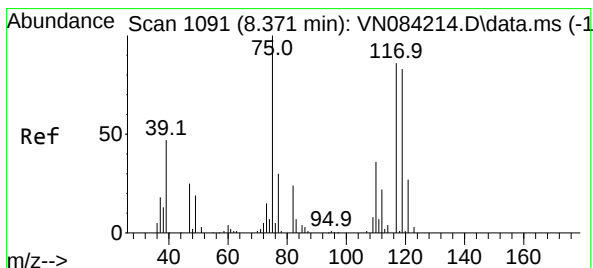
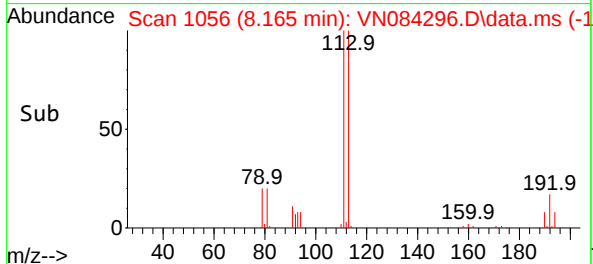
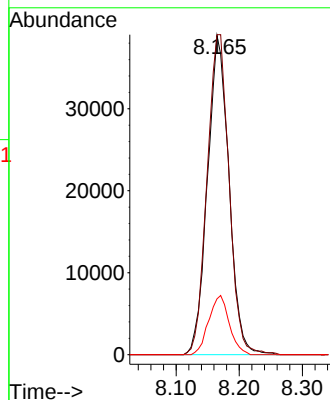
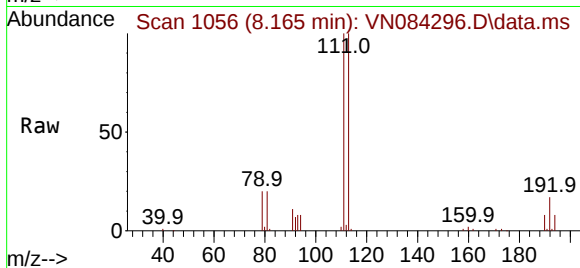
Tgt Ion:113 Resp: 92117

Ion Ratio Lower Upper

113 100

111 102.4 83.3 124.9

192 17.8 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.288 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084296.D

Acq: 03 Oct 2024 14:16

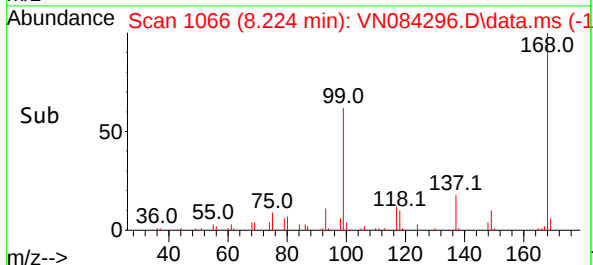
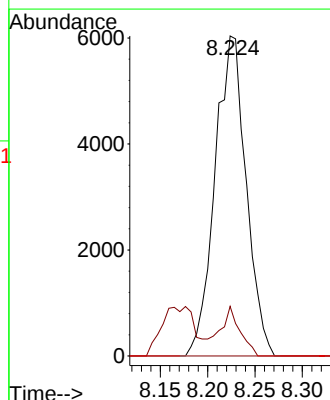
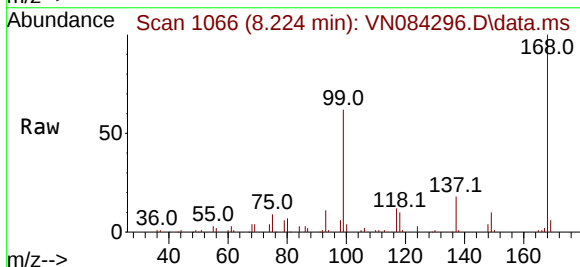
Tgt Ion: 75 Resp: 13798

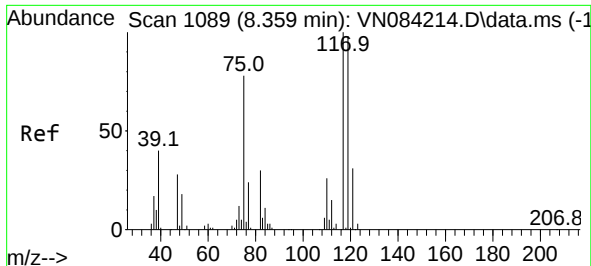
Ion Ratio Lower Upper

75 100

110 9.8 16.9 50.7#

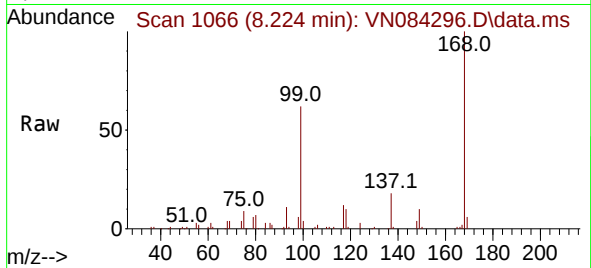
77 0.0 24.7 37.1#



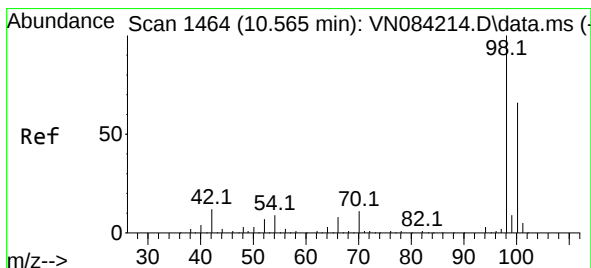
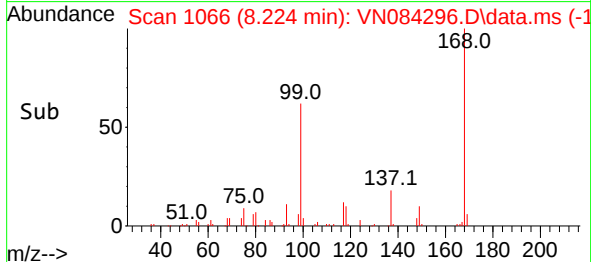
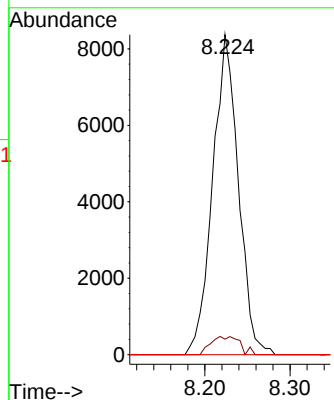


#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084296.D
Acq: 03 Oct 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-10-20240927

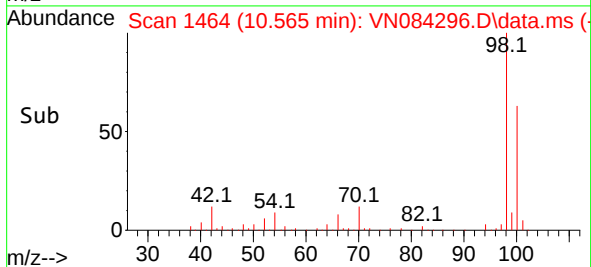
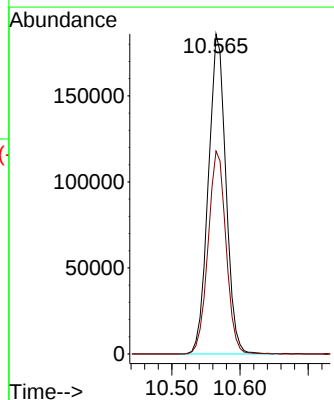
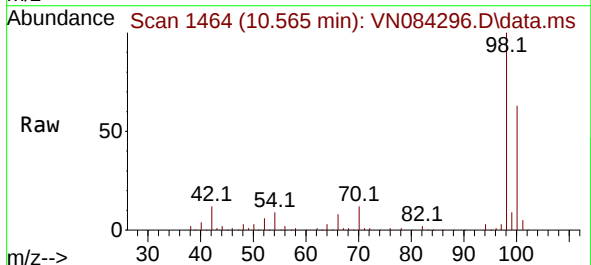


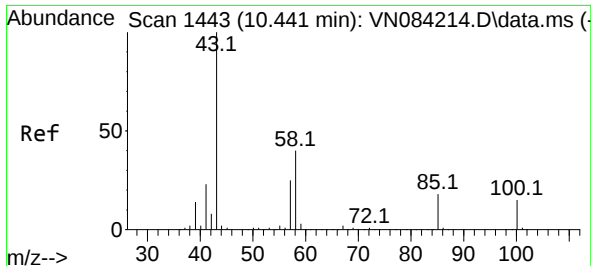
Tgt Ion:117 Resp: 17570
Ion Ratio Lower Upper
117 100
119 4.8 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.321 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084296.D
Acq: 03 Oct 2024 14:16

Tgt Ion: 98 Resp: 332548
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.582 ug/l

RT: 10.565 min Scan# 1443

Delta R.T. 0.123 min

Lab File: VN084296.D

Acq: 03 Oct 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

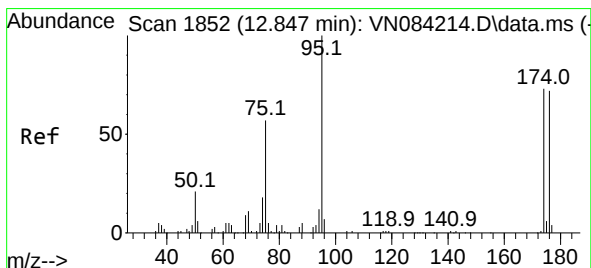
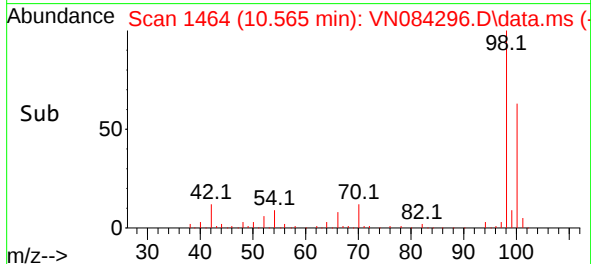
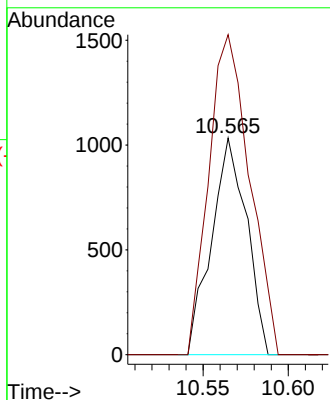
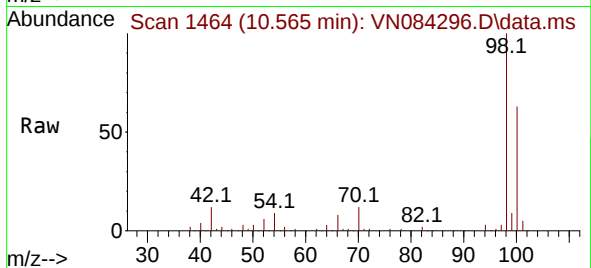
BPOW6-10-20240927

Tgt Ion: 43 Resp: 1484

Ion Ratio Lower Upper

43 100

58 172.0 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 47.042 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084296.D

Acq: 03 Oct 2024 14:16

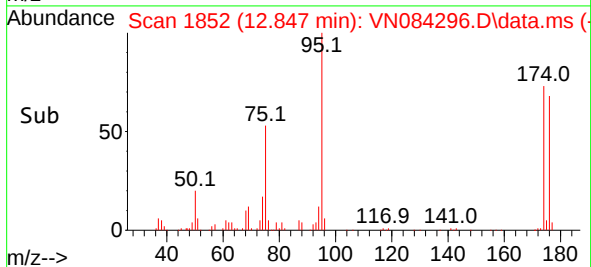
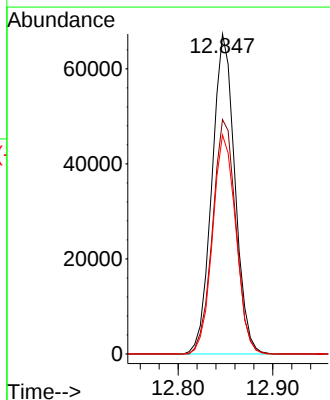
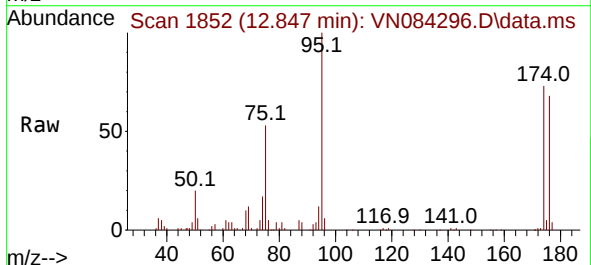
Tgt Ion: 95 Resp: 113256

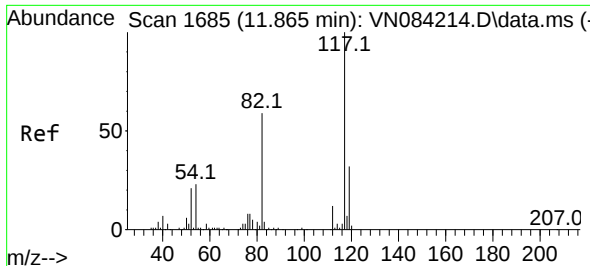
Ion Ratio Lower Upper

95 100

174 74.5 0.0 145.2

176 69.6 0.0 140.0

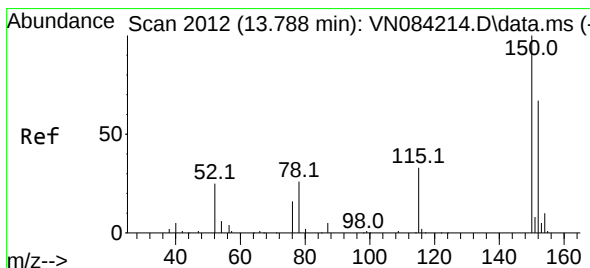
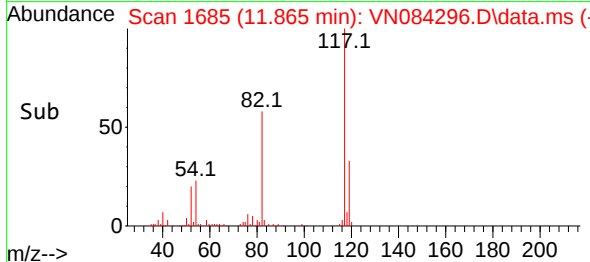
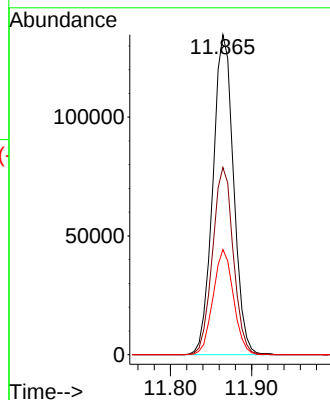
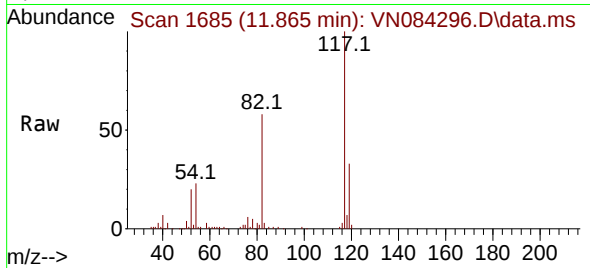




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084296.D
Acq: 03 Oct 2024 14:16

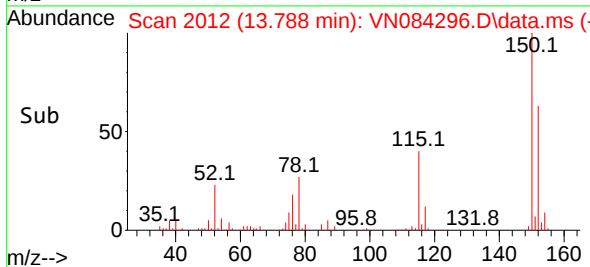
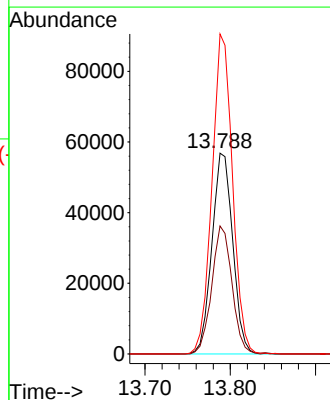
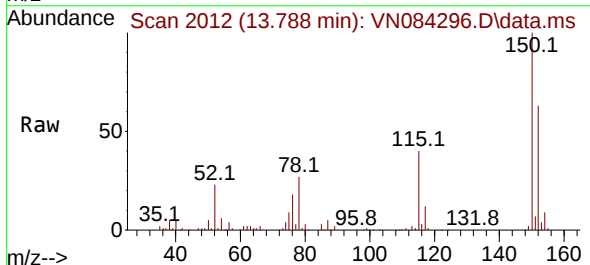
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-10-20240927

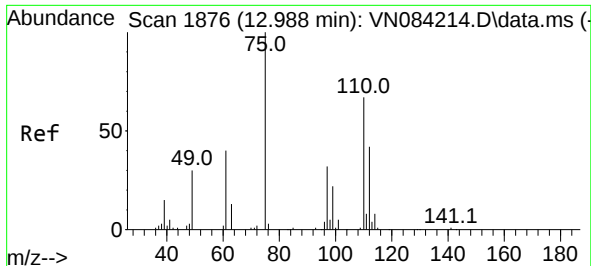
Tgt Ion:	117	Resp:	238851
Ion Ratio	Lower	Upper	
117	100		
82	58.5	47.2	70.8
119	32.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084296.D
Acq: 03 Oct 2024 14:16

Tgt Ion:	152	Resp:	96559
Ion Ratio	Lower	Upper	
152	100		
115	61.6	31.3	93.9
150	156.5	0.0	349.8

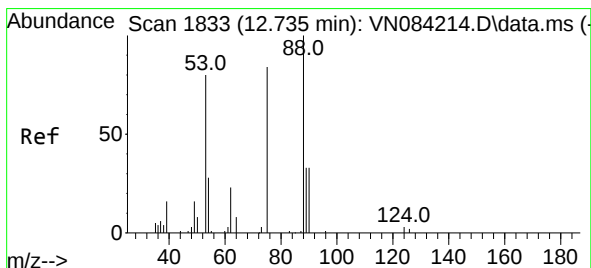
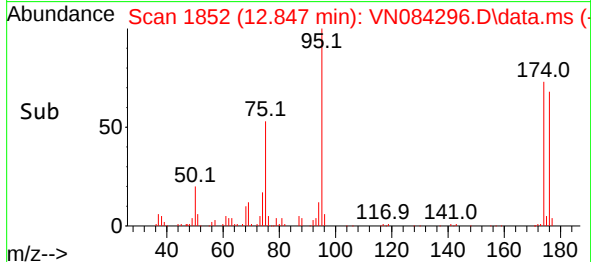
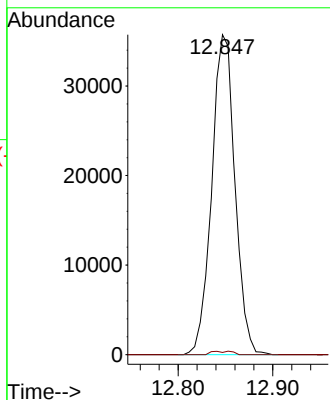
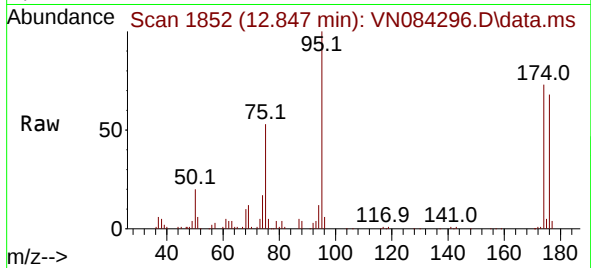




#76
1,2,3-Trichloropropane
Concen: 30.889 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084296.D
Acq: 03 Oct 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-10-20240927

Tgt Ion: 75 Resp: 60891
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.055 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084296.D
Acq: 03 Oct 2024 14:16

Tgt Ion: 75 Resp: 60891
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

