

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084295.D
 Acq On : 03 Oct 2024 13:52
 Operator : JC\MD
 Sample : P4226-27
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-9-20240927

Quant Time: Oct 04 01:34:22 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)

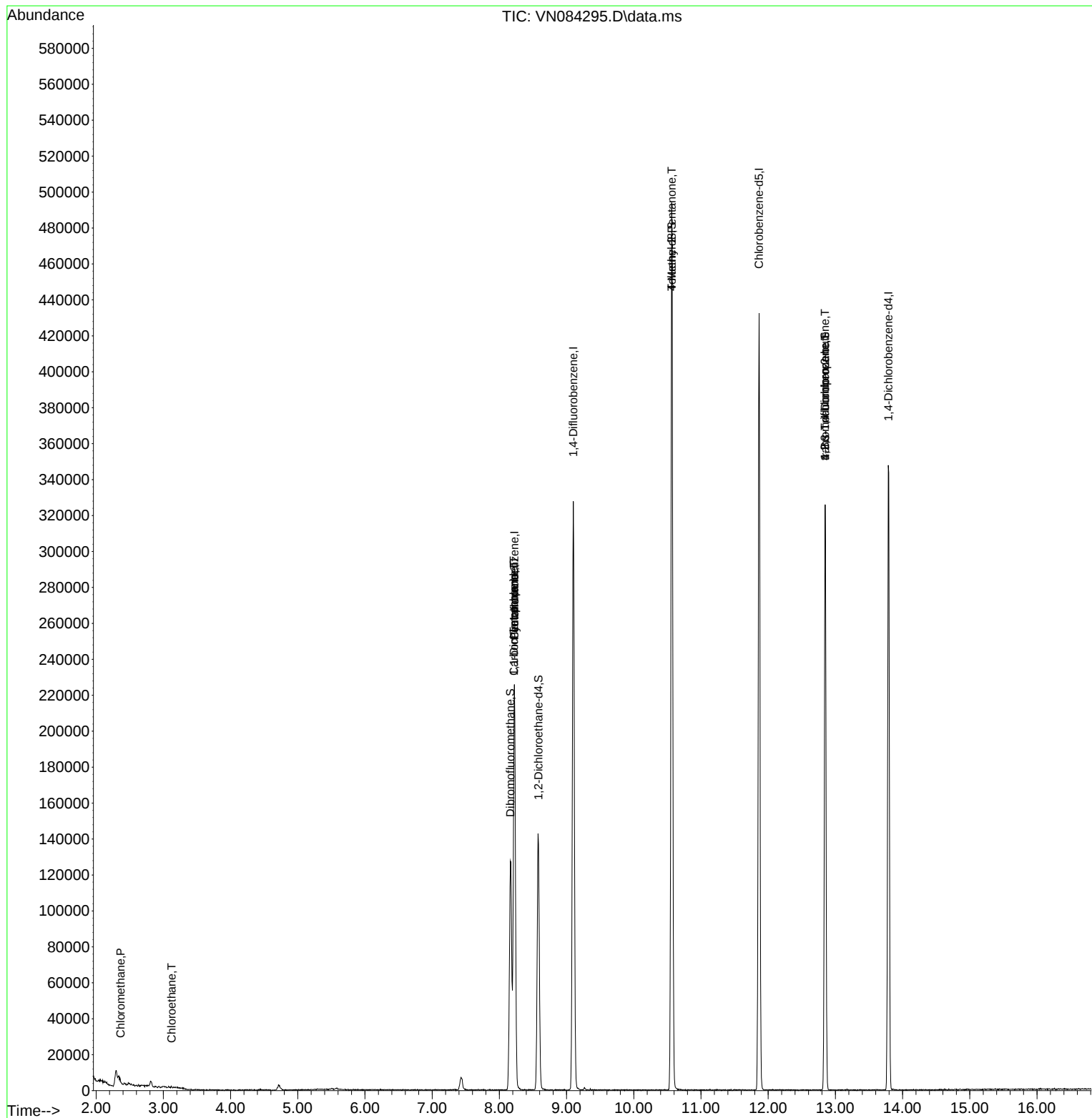
Internal Standards						
1) Pentafluorobenzene	8.224	168	156599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119095	51.293	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.580%	
35) Dibromofluoromethane	8.165	113	93481	51.547	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.100%	
50) Toluene-d8	10.565	98	336952	50.502	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	12.847	95	113417	46.660	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	555	0.262	ug/l #	41
6) Chloroethane	3.124	64	1049	0.715	ug/l #	45
31) Cyclohexane	8.224	56	3729	1.084	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	13676	5.192	ug/l #	49
38) Carbon Tetrachloride	8.218	117	17390	6.018	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	1623	0.631	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61001	31.420	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61001	75.329	ug/l #	11

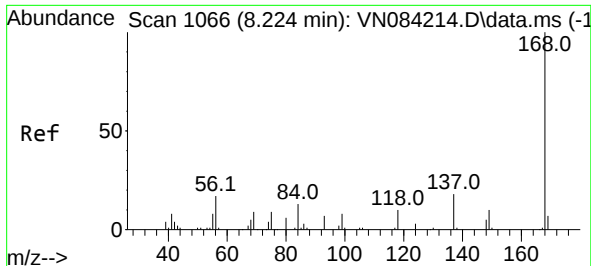
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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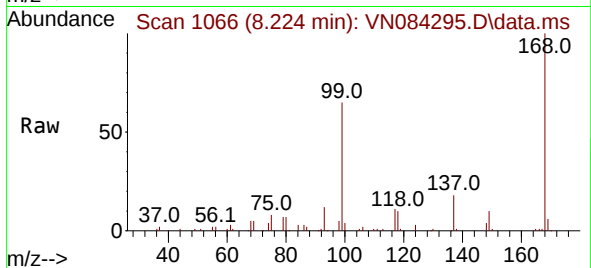
Quant Time: Oct 04 01:34:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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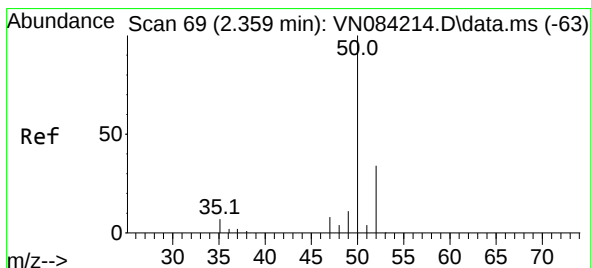
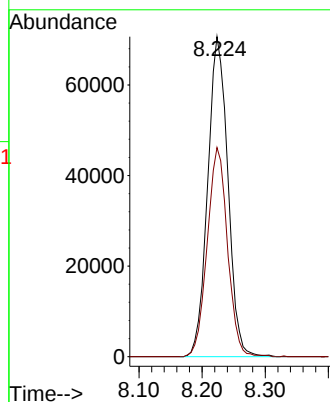
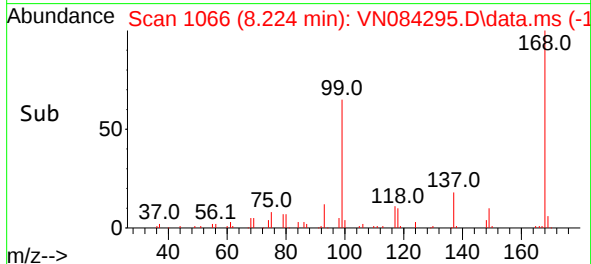


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084295.D
Acq: 03 Oct 2024 13:52

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-9-20240927

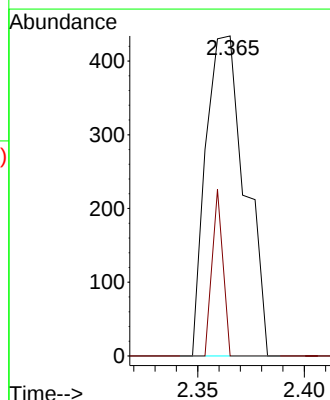
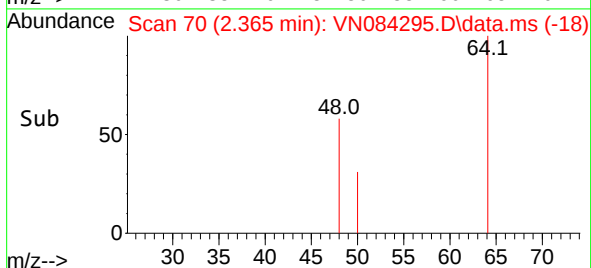
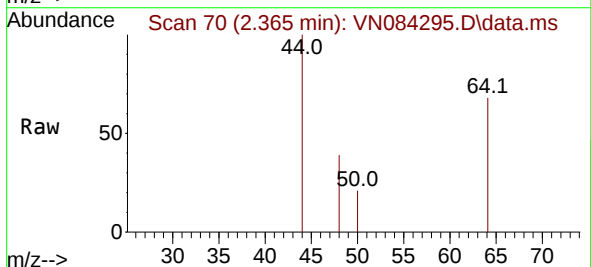


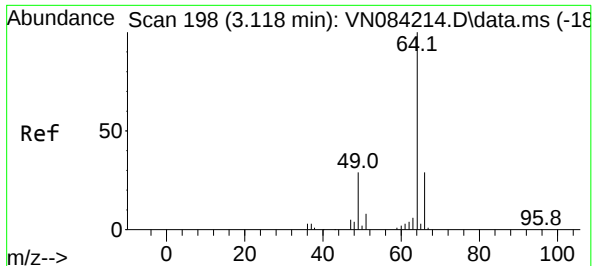
Tgt Ion:168 Resp: 156599
Ion Ratio Lower Upper
168 100
99 65.4 54.2 81.2



#3
Chloromethane
Concen: 0.262 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084295.D
Acq: 03 Oct 2024 13:52

Tgt Ion: 50 Resp: 555
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

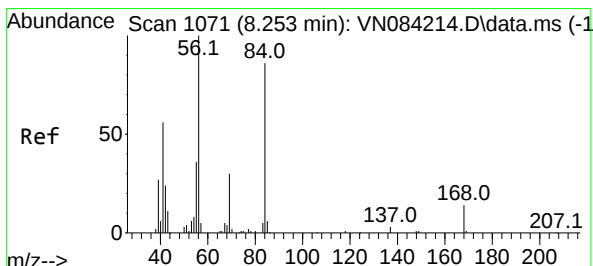
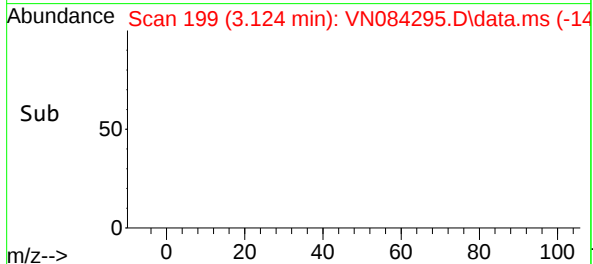
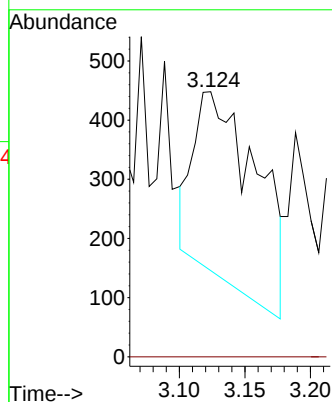
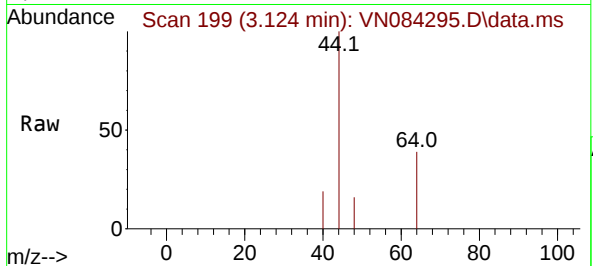




#6
Chloroethane
Concen: 0.715 ug/l
RT: 3.124 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084295.D
Acq: 03 Oct 2024 13:52

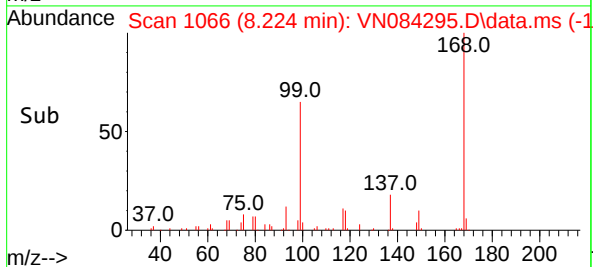
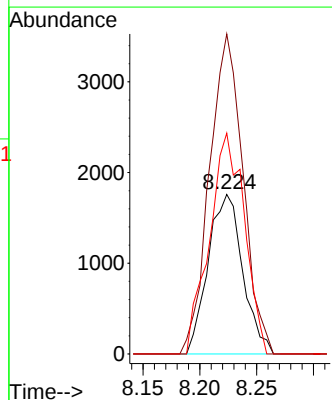
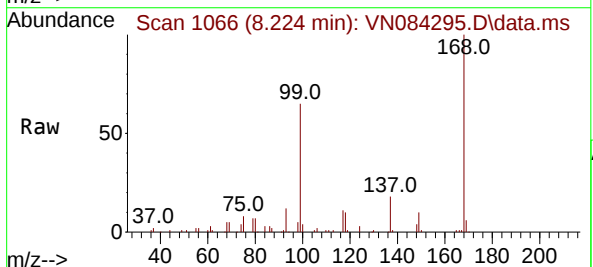
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-9-20240927

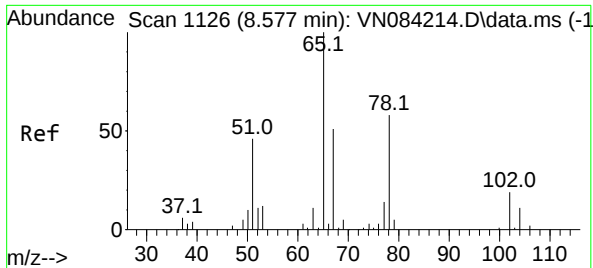
Tgt Ion: 64 Resp: 1049
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#31
Cyclohexane
Concen: 1.084 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN084295.D
Acq: 03 Oct 2024 13:52

Tgt Ion: 56 Resp: 3729
Ion Ratio Lower Upper
56 100
69 200.6 23.8 35.6#
84 138.4 68.8 103.2#

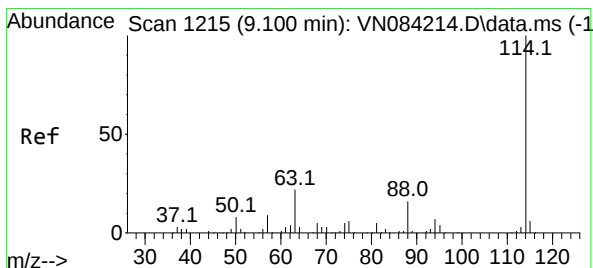
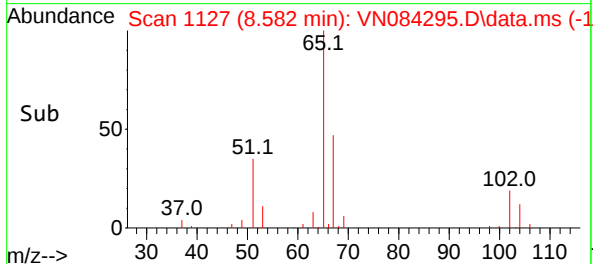
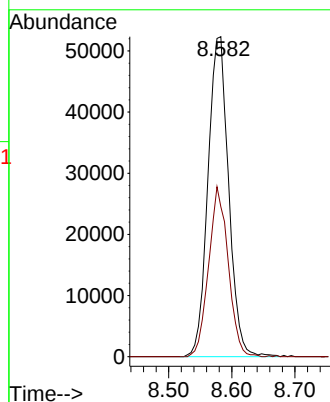
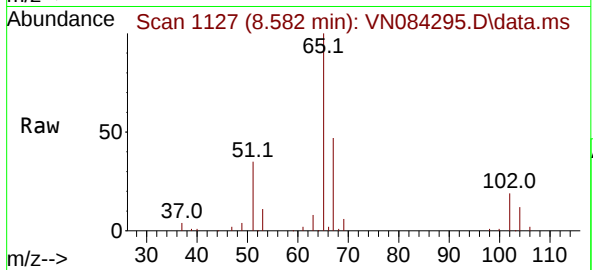




#33
 1,2-Dichloroethane-d4
 Concen: 51.293 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN084295.D
 Acq: 03 Oct 2024 13:52

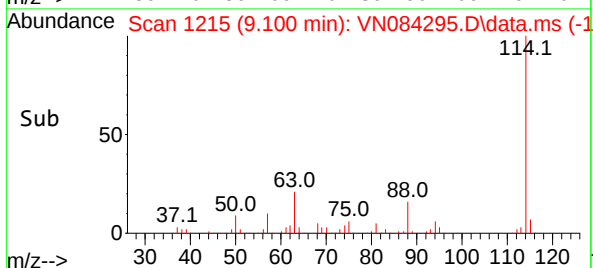
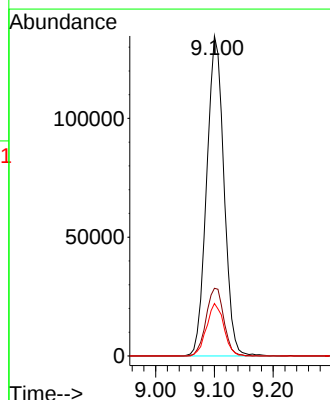
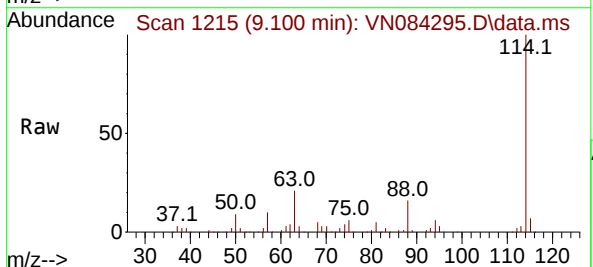
Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-9-20240927

Tgt Ion: 65 Resp: 119095
 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: VN084295.D
 Acq: 03 Oct 2024 13:52

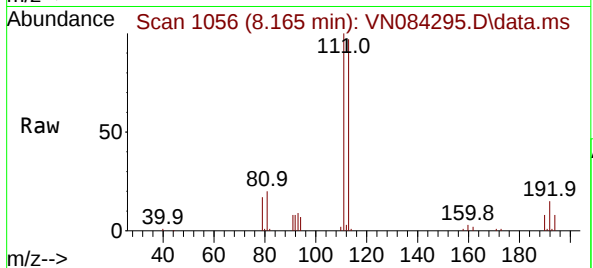
Tgt Ion: 114 Resp: 275081
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.8
 88 16.4 0.0 31.6



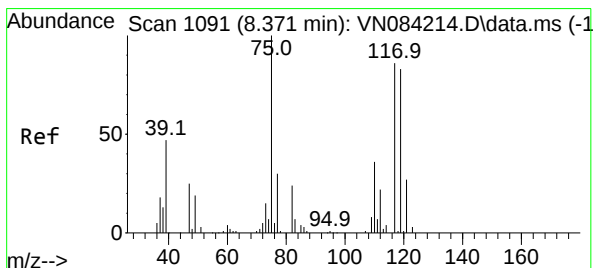
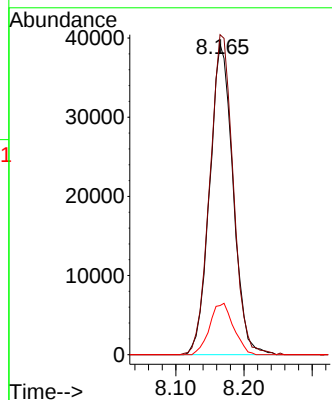
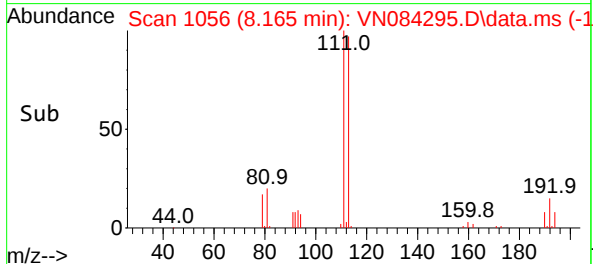


#35
Dibromofluoromethane
Concen: 51.547 ug/l
RT: 8.165 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN084295.D
Acq: 03 Oct 2024 13:52

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-9-20240927

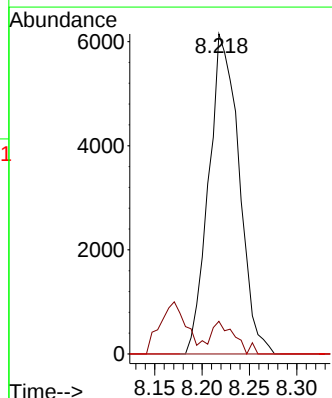
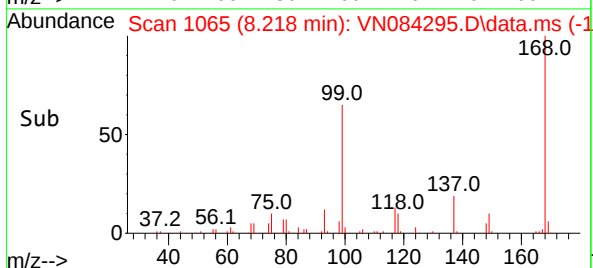
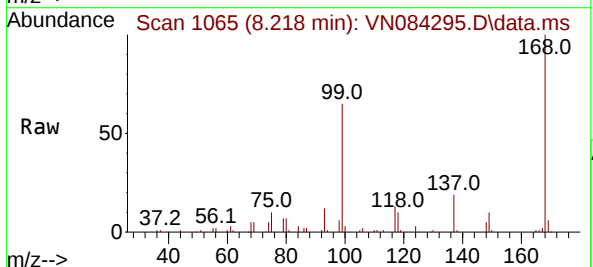


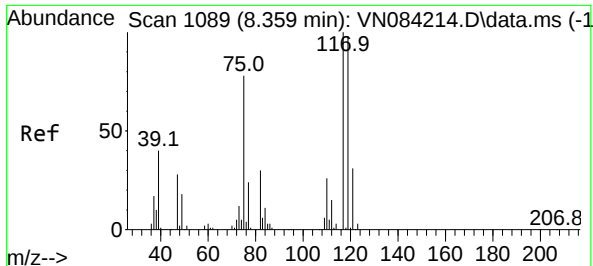
Tgt Ion:113 Resp: 93481
Ion Ratio Lower Upper
113 100
111 103.2 83.3 124.9
192 16.9 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.192 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084295.D
Acq: 03 Oct 2024 13:52

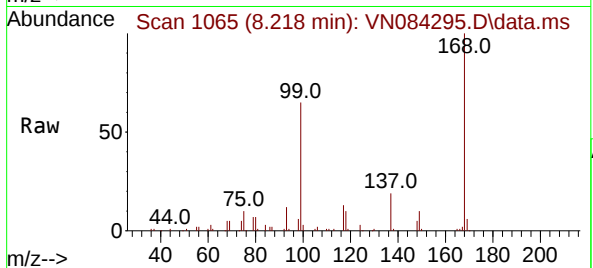
Tgt Ion: 75 Resp: 13676
Ion Ratio Lower Upper
75 100
110 7.4 16.9 50.7#
77 0.0 24.7 37.1#



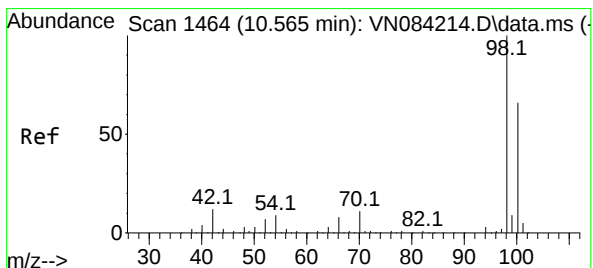
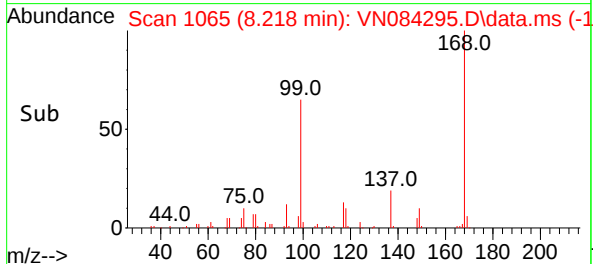
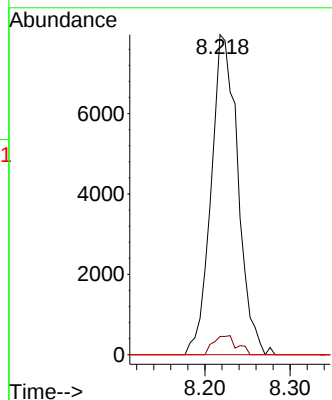


#38
Carbon Tetrachloride
Concen: 6.018 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084295.D
Acq: 03 Oct 2024 13:52

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-9-20240927

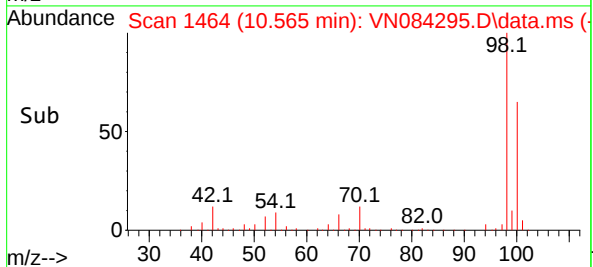
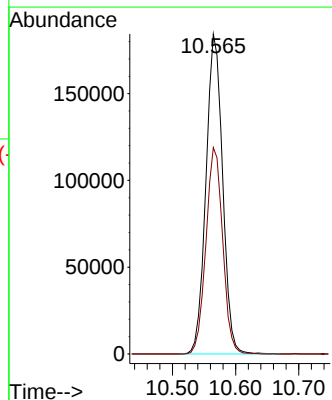
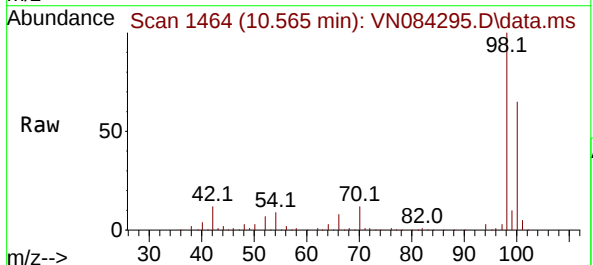


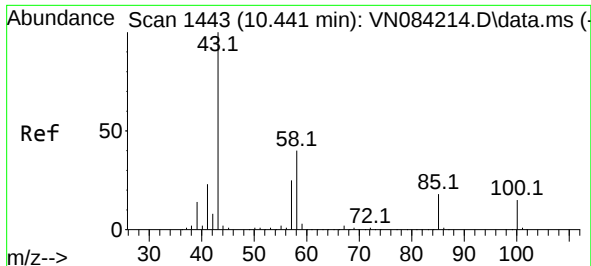
Tgt Ion:117 Resp: 17390
Ion Ratio Lower Upper
117 100
119 5.7 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.502 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084295.D
Acq: 03 Oct 2024 13:52

Tgt Ion: 98 Resp: 336952
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

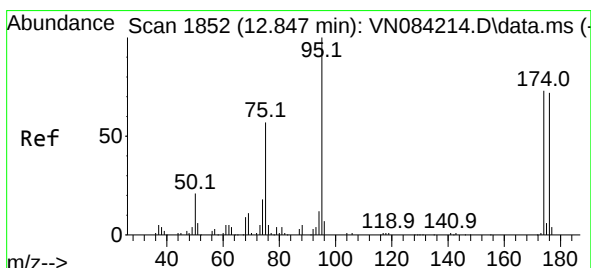
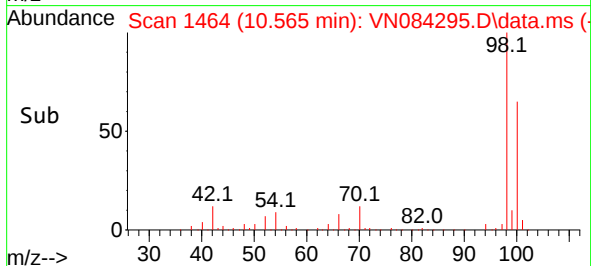
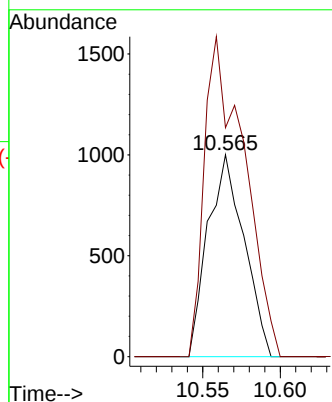
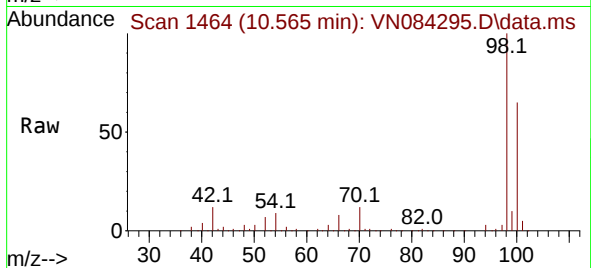




#51
4-Methyl-2-Pentanone
Concen: 0.631 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.123 min
Lab File: VN084295.D
Acq: 03 Oct 2024 13:52

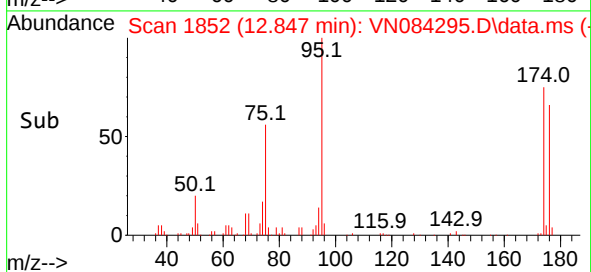
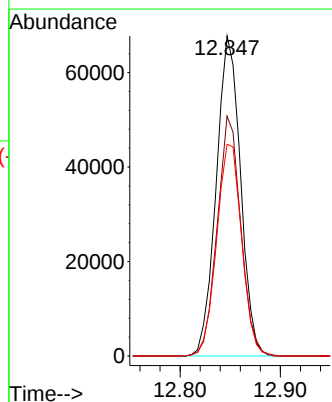
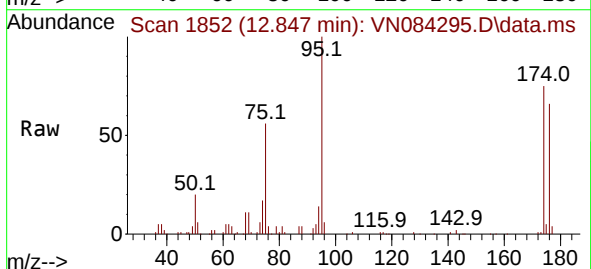
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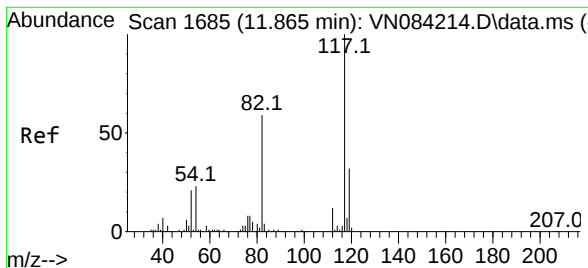
Tgt Ion: 43 Resp: 1623
Ion Ratio Lower Upper
43 100
58 173.8 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 46.660 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084295.D
Acq: 03 Oct 2024 13:52

Tgt Ion: 95 Resp: 113417
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.2
176 68.3 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084295.D

Acq: 03 Oct 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-9-20240927

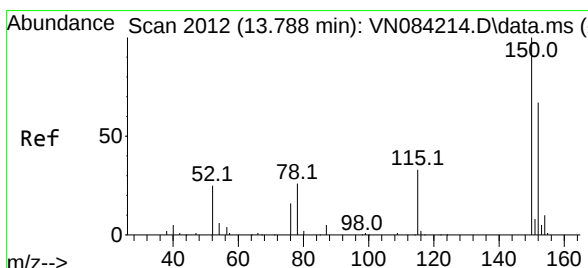
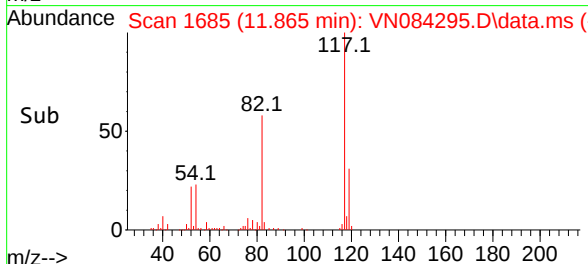
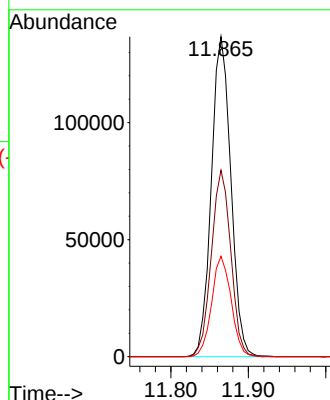
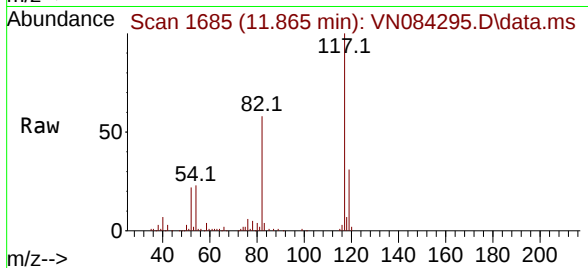
Tgt Ion:117 Resp: 240213

Ion Ratio Lower Upper

117 100

82 58.3 47.2 70.8

119 31.4 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: VN084295.D

Acq: 03 Oct 2024 13:52

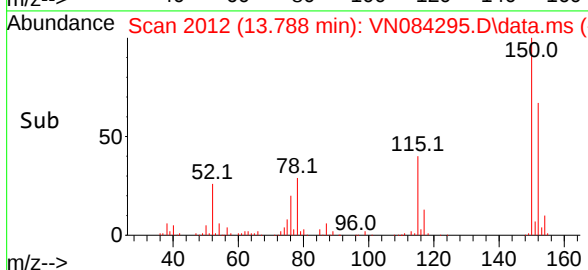
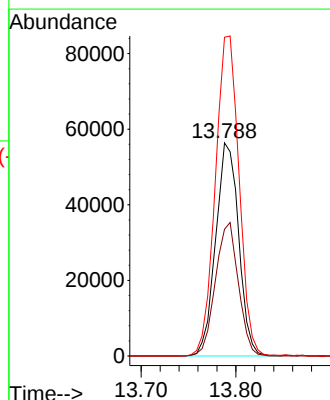
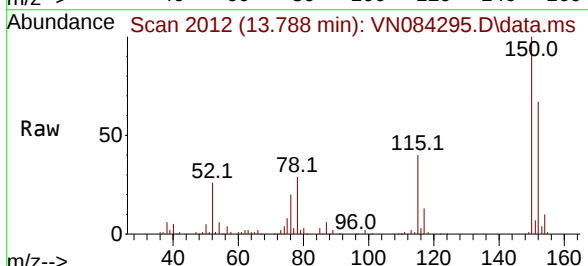
Tgt Ion:152 Resp: 95098

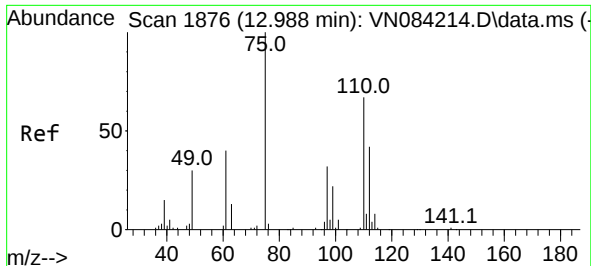
Ion Ratio Lower Upper

152 100

115 62.5 31.3 93.9

150 155.0 0.0 349.8

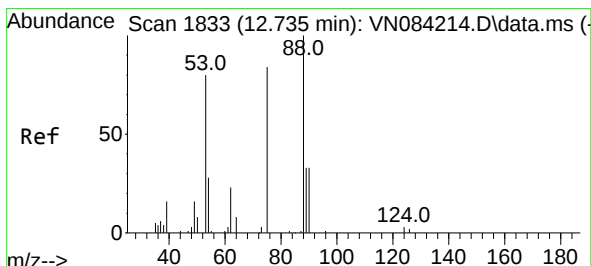
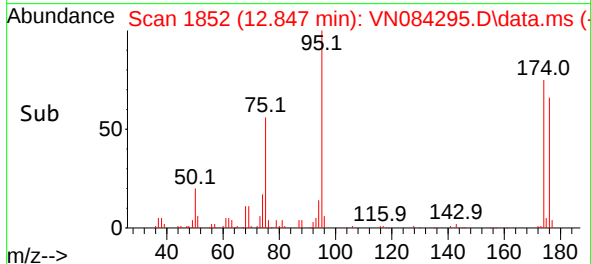
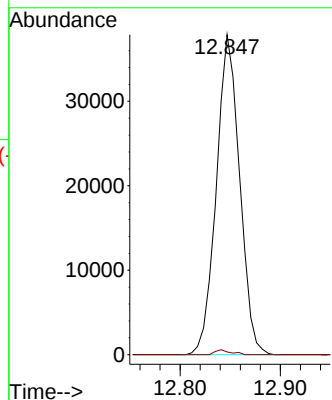
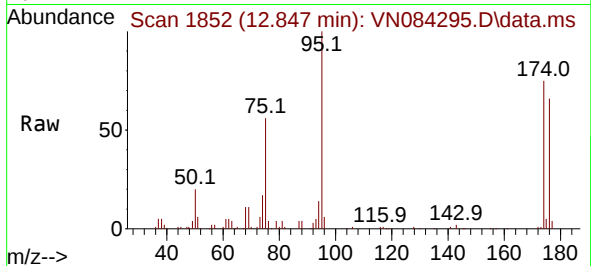




#76
1,2,3-Trichloropropane
Concen: 31.420 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084295.D
Acq: 03 Oct 2024 13:52

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-9-20240927

Tgt Ion: 75 Resp: 61001
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.329 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084295.D
Acq: 03 Oct 2024 13:52

Tgt Ion: 75 Resp: 61001
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

