

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082351.D
 Acq On : 28 May 2024 16:54
 Operator : JC\MD
 Sample : P2605-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-BPOW6-9-GW-20240523

Quant Time: May 29 06:54:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

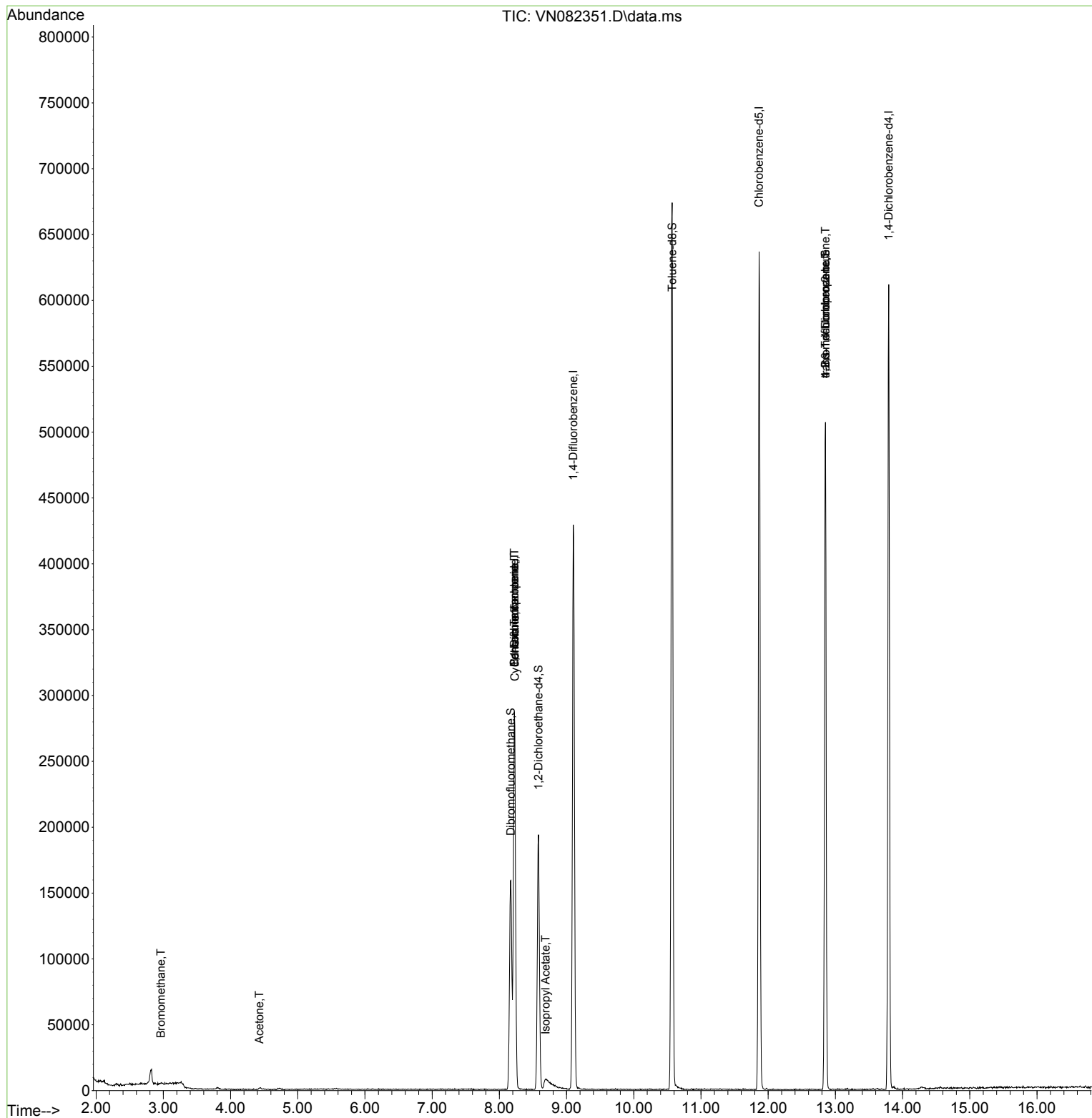
Internal Standards						
1) Pentafluorobenzene	8.224	168	199715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	352906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158230	50.175	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.360%		
35) Dibromofluoromethane	8.171	113	112686	51.907	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.820%		
50) Toluene-d8	10.571	98	438547	52.690	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.380%		
62) 4-Bromofluorobenzene	12.853	95	161243	54.277	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 108.560%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	629	0.357	ug/l	92
16) Acetone	4.430	43	1409	1.089	ug/l #	80
31) Cyclohexane	8.230	56	5779	1.147	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	17842	4.900	ug/l #	52
38) Carbon Tetrachloride	8.224	117	22360	6.058	ug/l #	20
43) Isopropyl Acetate	8.688	43	6569	0.910	ug/l #	52
76) 1,2,3-Trichloropropane	12.853	75	96547	30.888	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	96547	72.245	ug/l #	12

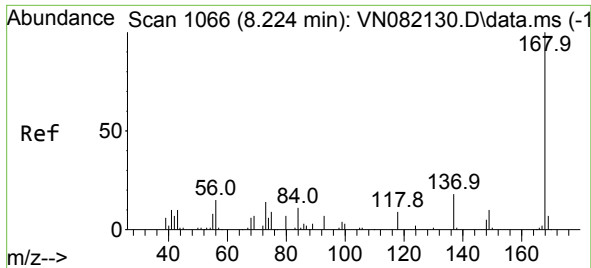
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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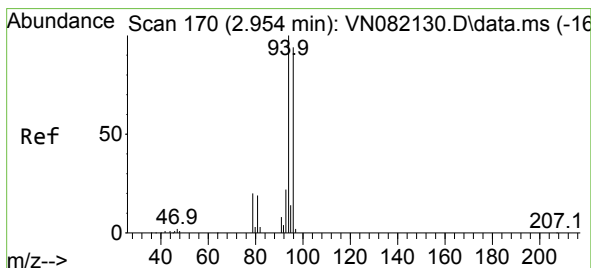
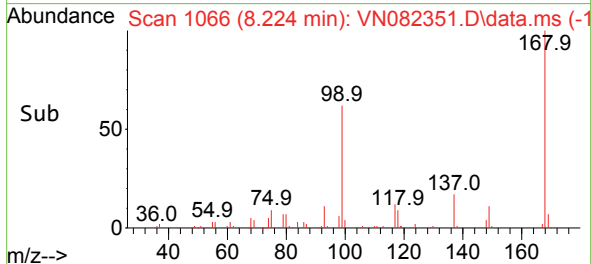
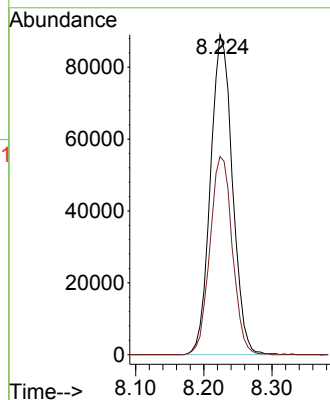
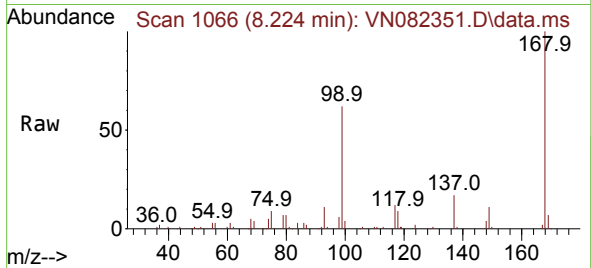




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082351.D
Acq: 28 May 2024 16:54

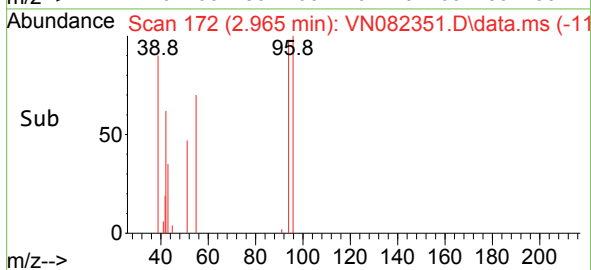
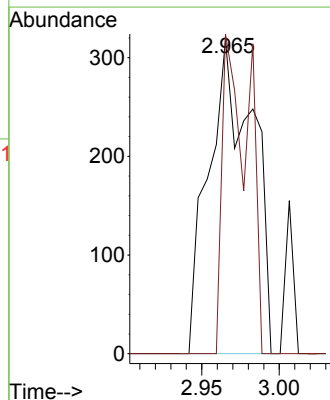
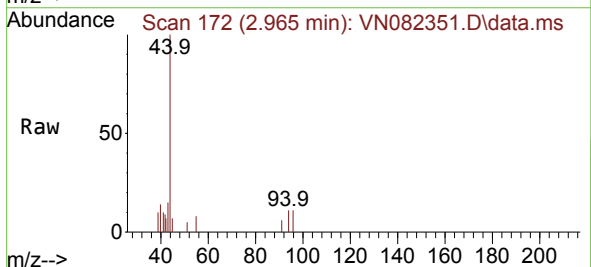
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-9-GW-20240523

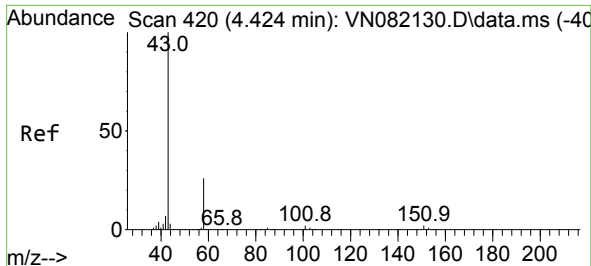
Tgt Ion:168 Resp: 199715
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#5
Bromomethane
Concen: 0.357 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN082351.D
Acq: 28 May 2024 16:54

Tgt Ion: 94 Resp: 629
Ion Ratio Lower Upper
94 100
96 101.6 74.8 112.2





#16

Acetone

Concen: 1.089 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082351.D

Acq: 28 May 2024 16:54

Instrument :

MSVOA_N

ClientSampleId :

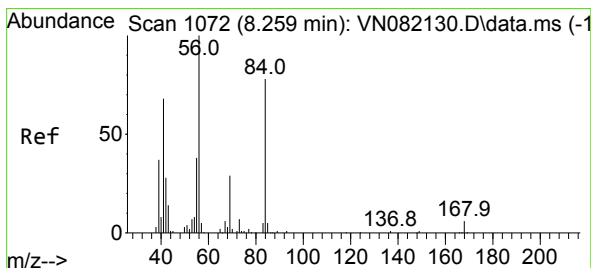
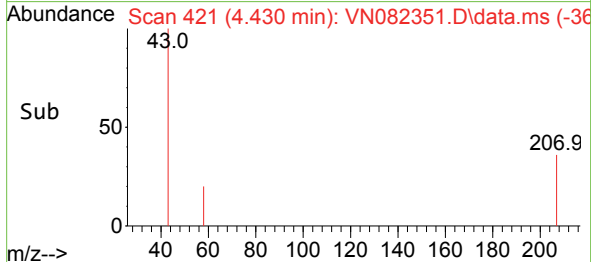
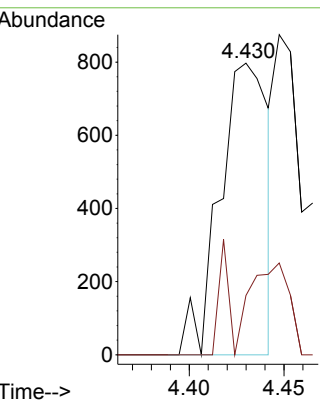
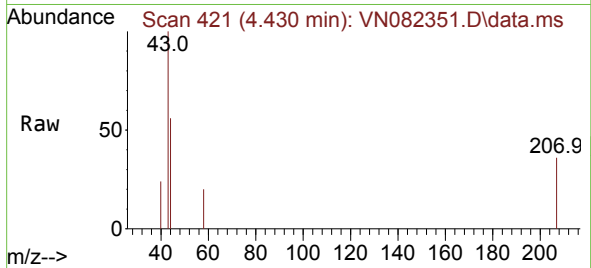
BP-BPOW6-9-GW-20240523

Tgt Ion: 43 Resp: 1409

Ion Ratio Lower Upper

43 100

58 20.3 25.2 37.8#



#31

Cyclohexane

Concen: 1.147 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN082351.D

Acq: 28 May 2024 16:54

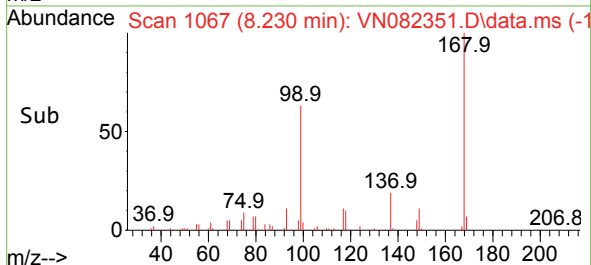
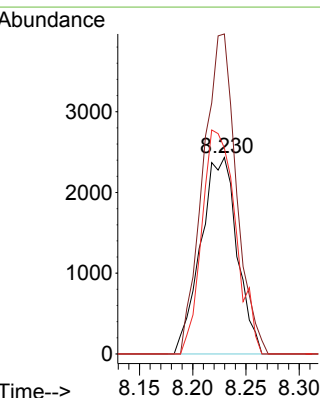
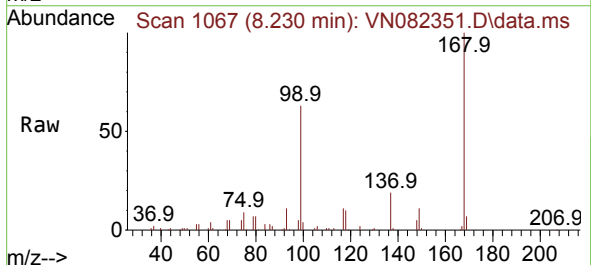
Tgt Ion: 56 Resp: 5779

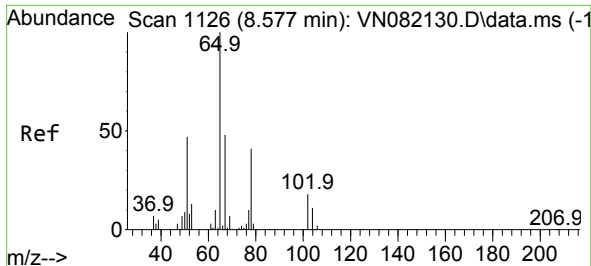
Ion Ratio Lower Upper

56 100

69 162.9 24.4 36.6#

84 104.8 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 50.175 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082351.D

Acq: 28 May 2024 16:54

Instrument :

MSVOA_N

ClientSampleId :

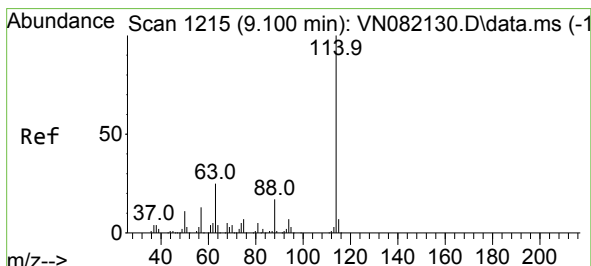
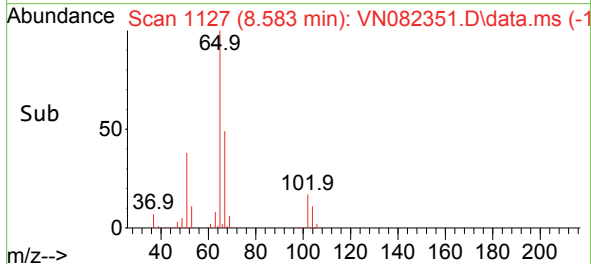
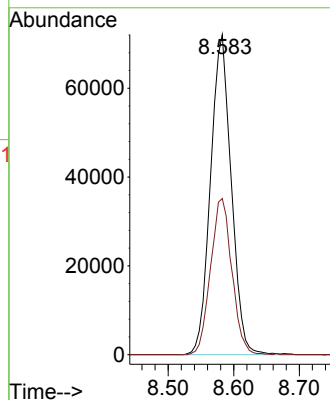
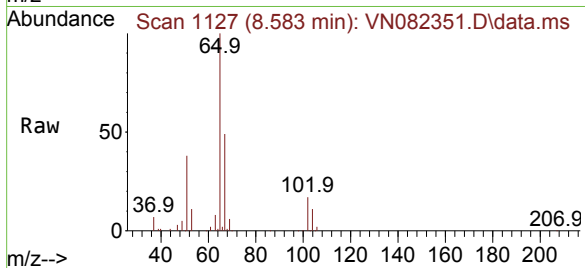
BP-BPOW6-9-GW-20240523

Tgt Ion: 65 Resp: 158230

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082351.D

Acq: 28 May 2024 16:54

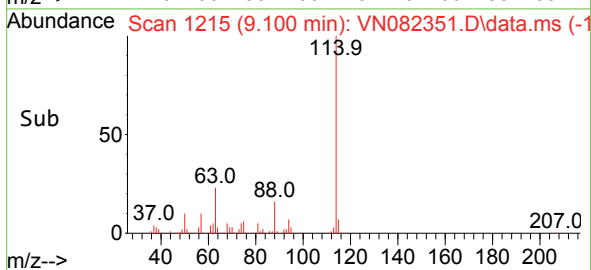
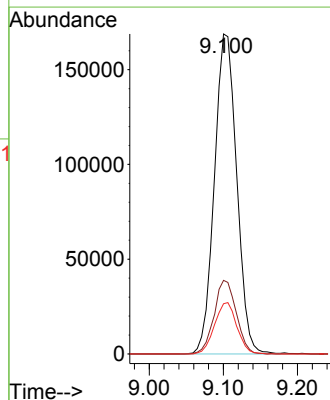
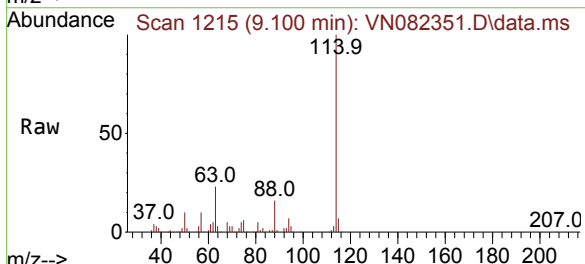
Tgt Ion: 114 Resp: 352906

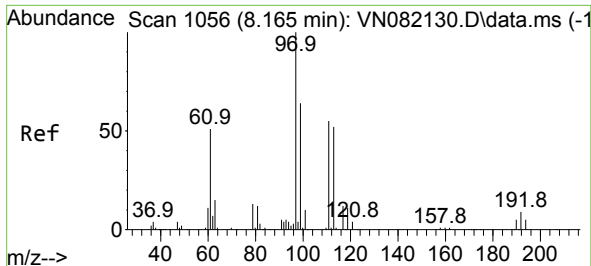
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.0

88 15.7 0.0 31.4

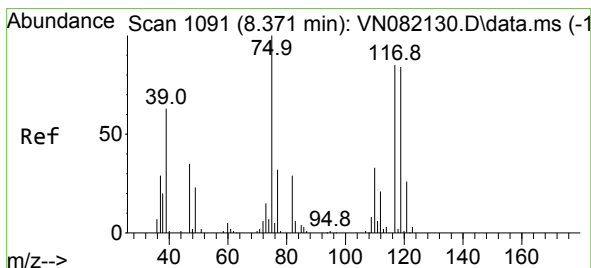
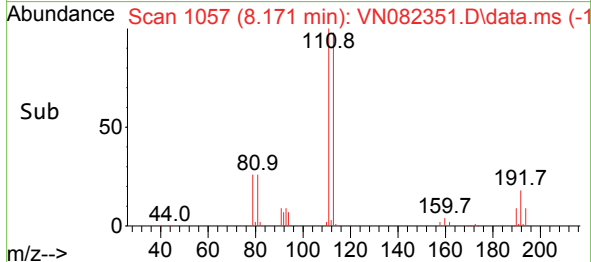
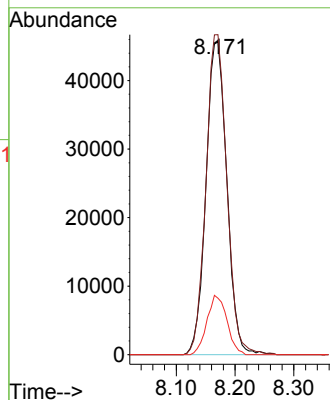
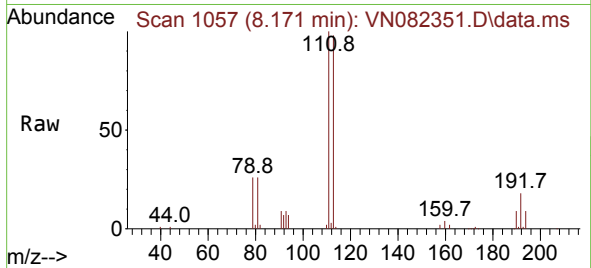




#35
Dibromofluoromethane
Concen: 51.907 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082351.D
Acq: 28 May 2024 16:54

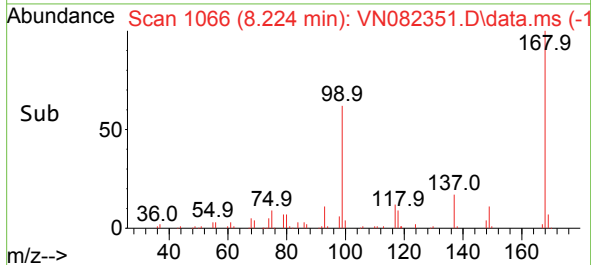
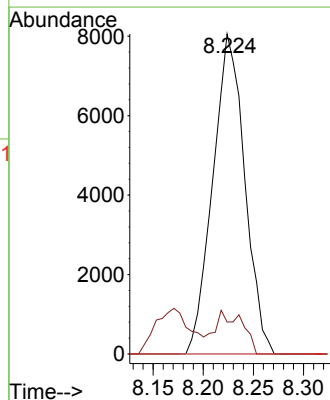
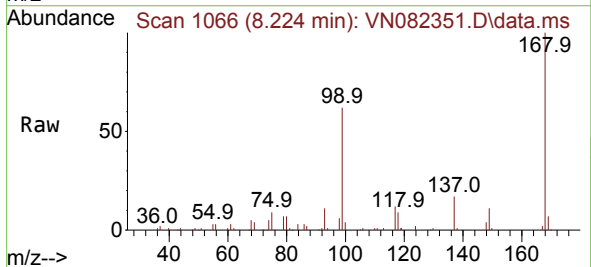
Instrument :
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ClientSampleId :
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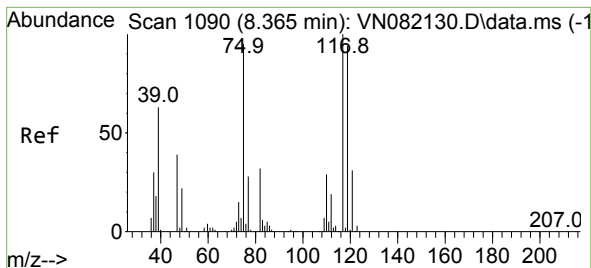
Tgt Ion:113 Resp: 112686
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.2
192 18.2 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082351.D
Acq: 28 May 2024 16:54

Tgt Ion: 75 Resp: 17842
Ion Ratio Lower Upper
75 100
110 11.7 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.058 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082351.D

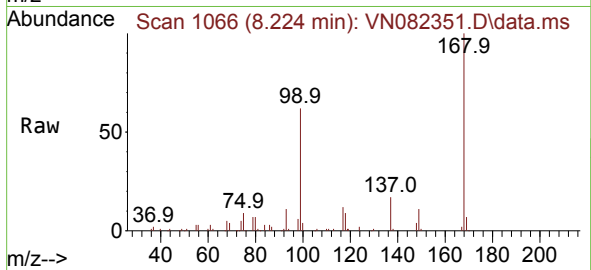
Acq: 28 May 2024 16:54

Instrument :

MSVOA_N

ClientSampleId :

BP-BPOW6-9-GW-20240523



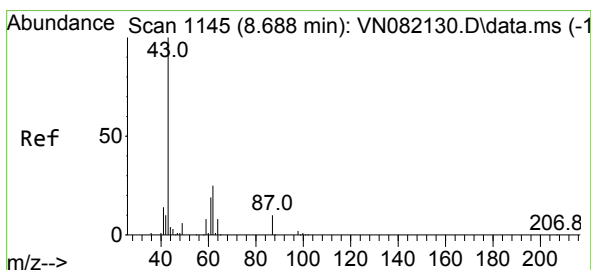
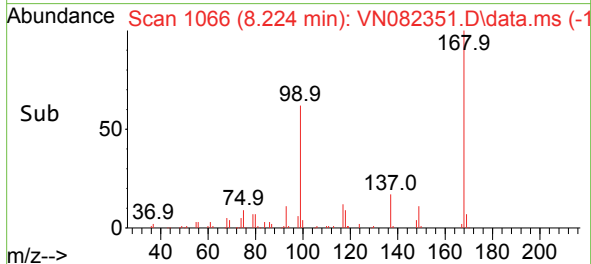
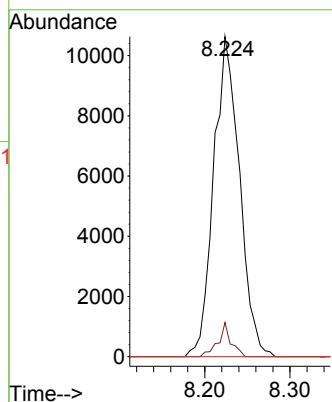
Tgt Ion:117 Resp: 22360

Ion Ratio Lower Upper

117 100

119 10.7 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.910 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082351.D

Acq: 28 May 2024 16:54

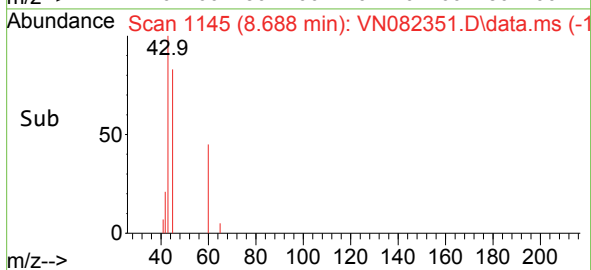
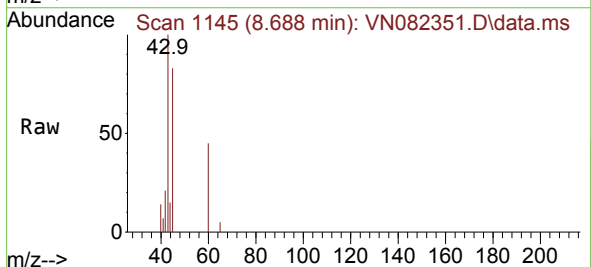
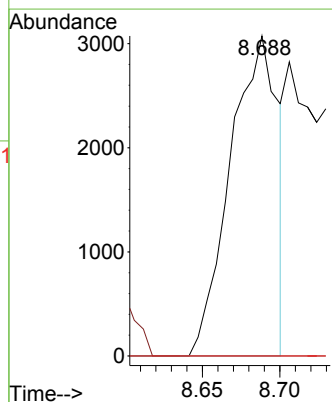
Tgt Ion: 43 Resp: 6569

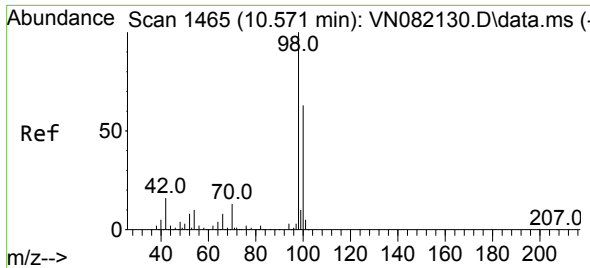
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

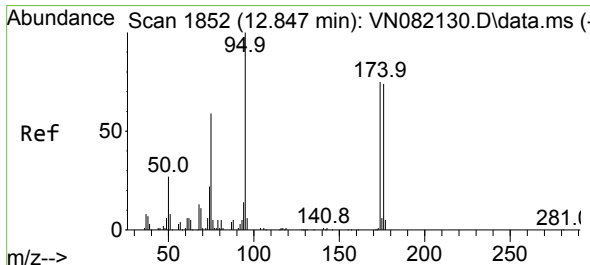
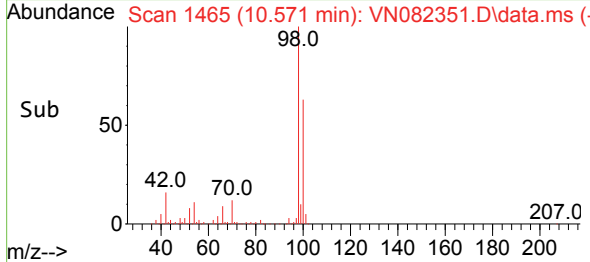
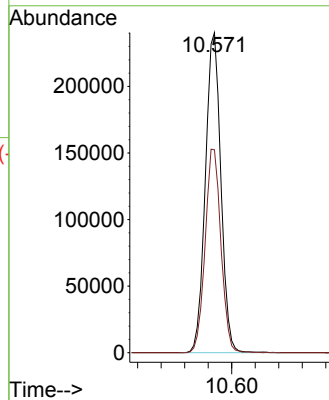
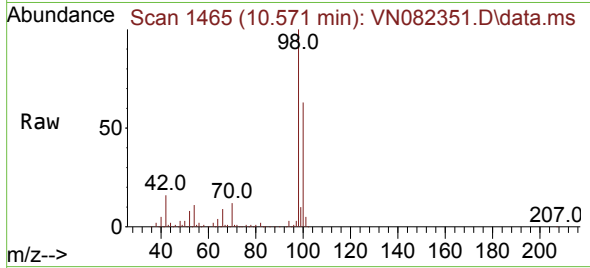




#50
Toluene-d8
Concen: 52.690 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082351.D
Acq: 28 May 2024 16:54

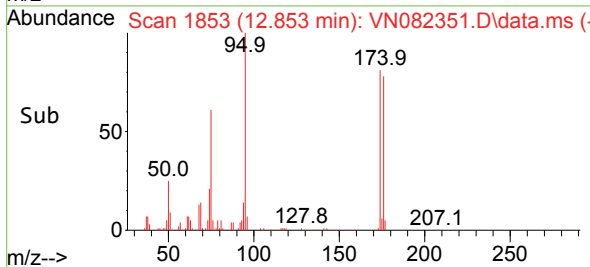
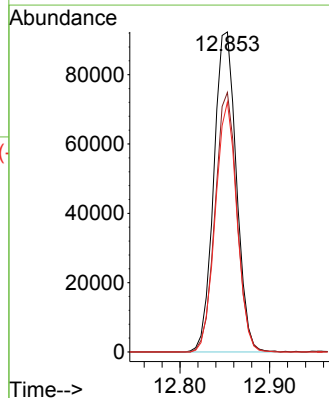
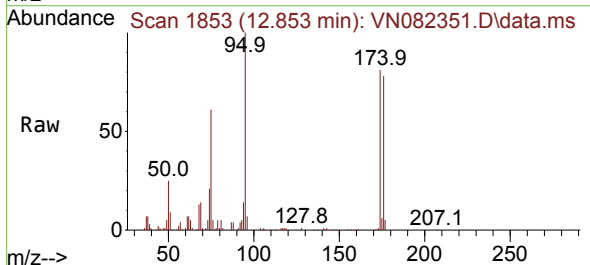
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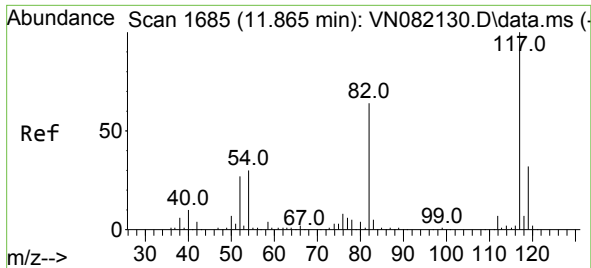
Tgt Ion: 98 Resp: 438547
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.277 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082351.D
Acq: 28 May 2024 16:54

Tgt Ion: 95 Resp: 161243
Ion Ratio Lower Upper
95 100
174 78.6 0.0 160.6
176 74.6 0.0 152.8

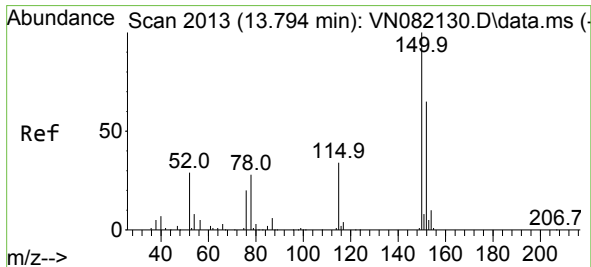
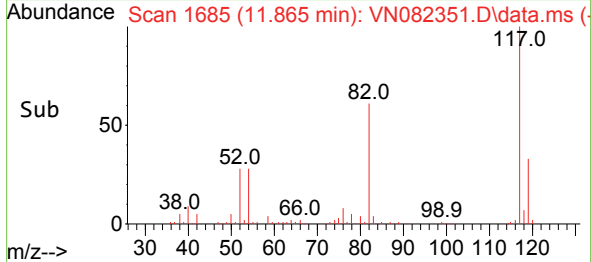
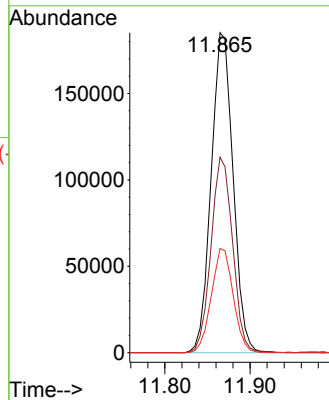
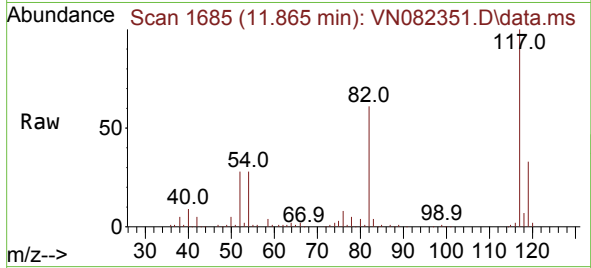




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082351.D
Acq: 28 May 2024 16:54

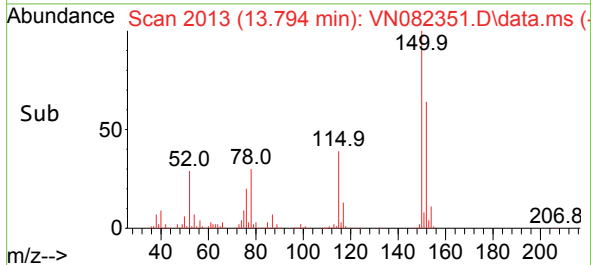
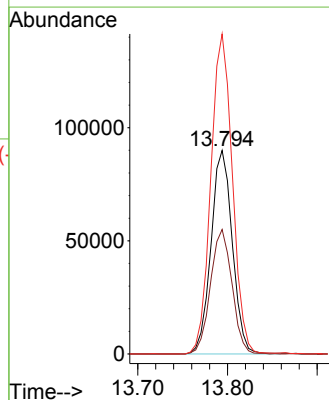
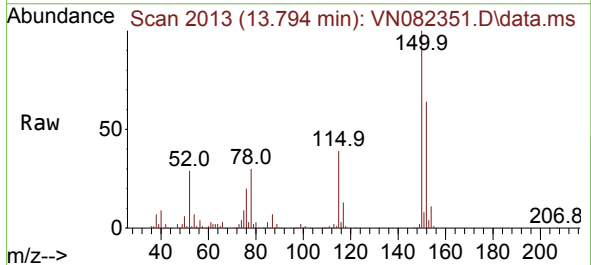
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-9-GW-20240523

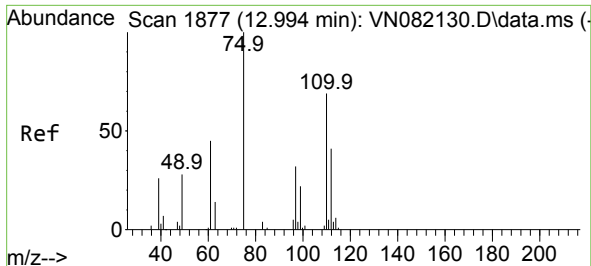
Tgt Ion:117 Resp: 330686
Ion Ratio Lower Upper
117 100
82 61.1 44.6 66.8
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082351.D
Acq: 28 May 2024 16:54

Tgt Ion:152 Resp: 148508
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.3
150 158.7 0.0 353.2

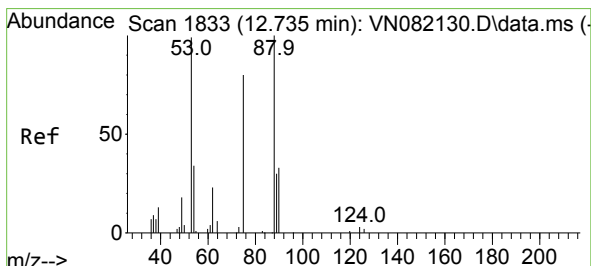
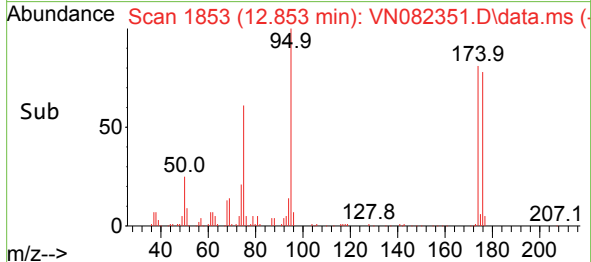
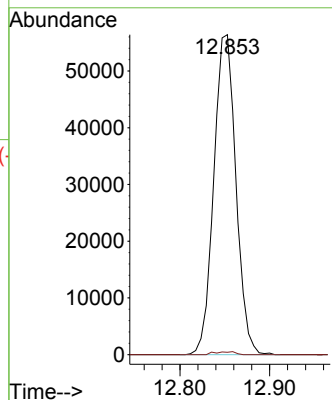
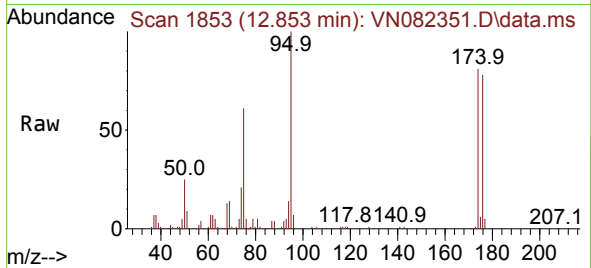




#76
1,2,3-Trichloropropane
Concen: 30.888 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082351.D
Acq: 28 May 2024 16:54

Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-9-GW-20240523

Tgt Ion: 75 Resp: 96547
Ion Ratio Lower Upper
75 100
77 0.9 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.245 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082351.D
Acq: 28 May 2024 16:54

Tgt Ion: 75 Resp: 96547
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

