

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082542.D
 Acq On : 12 Jun 2024 20:37
 Operator : JC\MD
 Sample : P2840-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-9-20240610

Quant Time: Jun 13 01:33:49 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)

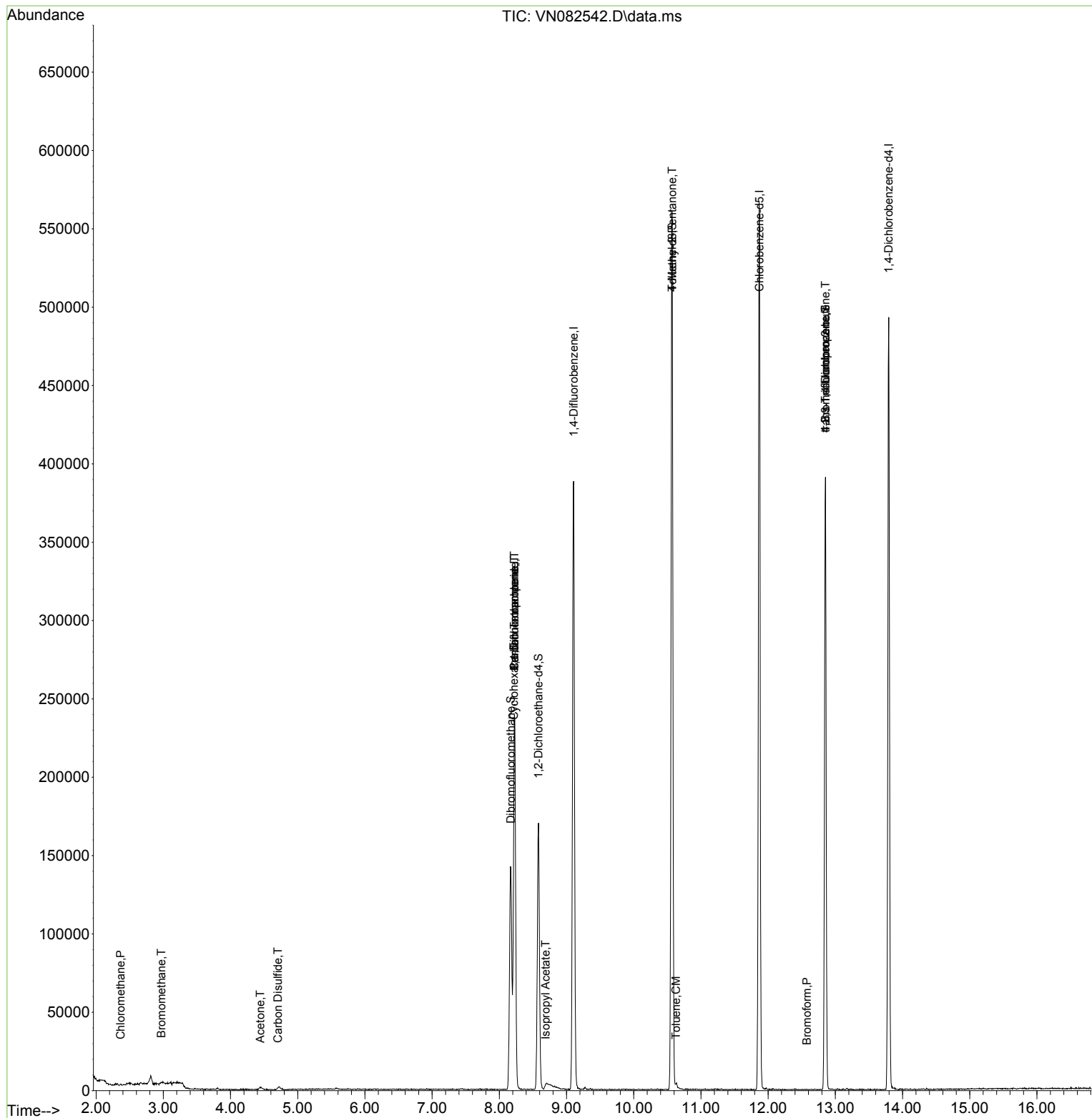
Internal Standards						
1) Pentafluorobenzene	8.224	168	168257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	299843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	138474	52.120	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.240%			
35) Dibromofluoromethane	8.171	113	101426	53.221	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.440%			
50) Toluene-d8	10.571	98	371924	50.903	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.800%			
62) 4-Bromofluorobenzene	12.853	95	124190	47.621	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 95.240%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	810	0.295	ug/l #	43
5) Bromomethane	2.971	94	913	0.615	ug/l	94
16) Acetone	4.442	43	3350	3.074	ug/l #	80
17) Carbon Disulfide	4.706	76	1257	0.212	ug/l #	74
31) Cyclohexane	8.218	56	5239	1.235	ug/l #	58
36) 1,1-Dichloropropene	8.224	75	14928	4.670	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18670	5.762	ug/l #	16
43) Isopropyl Acetate	8.688	43	1853	0.292	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2273	0.631	ug/l #	1
52) Toluene	10.630	92	1657	0.290	ug/l	100
71) Bromoform	12.576	173	57	0.733	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	71719	27.129	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	71719	63.453	ug/l #	13

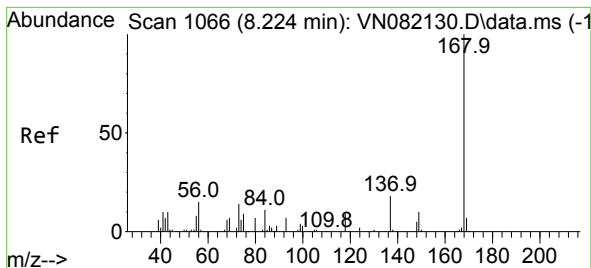
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082542.D

Acq: 12 Jun 2024 20:37

Instrument :

MSVOA_N

ClientSampleId :

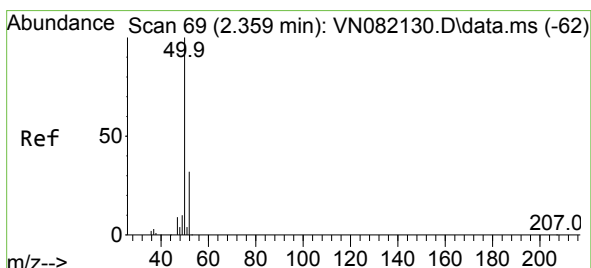
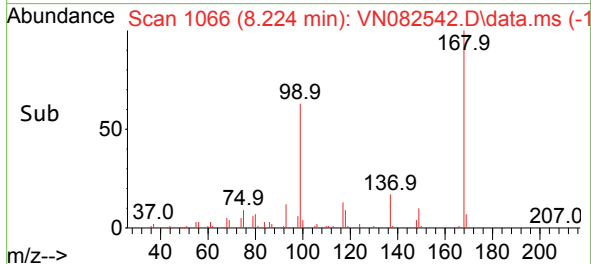
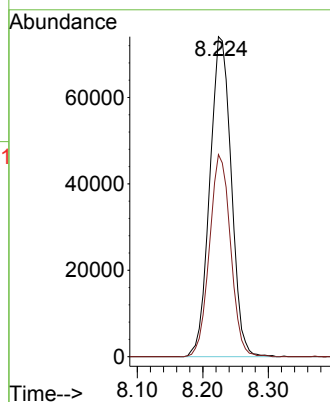
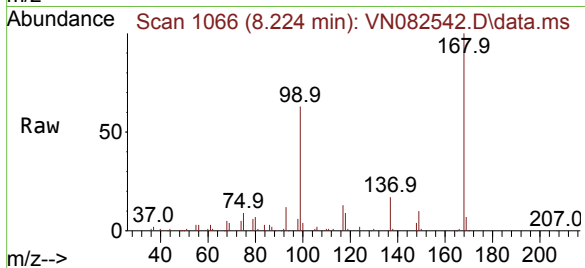
BPOW6-9-20240610

Tgt Ion:168 Resp: 168257

Ion Ratio Lower Upper

168 100

99 63.1 48.2 72.4



#3

Chloromethane

Concen: 0.295 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082542.D

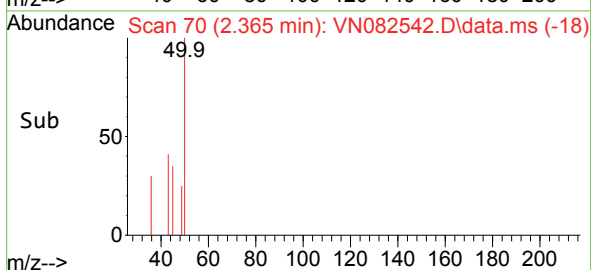
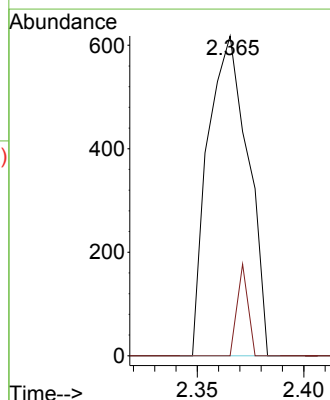
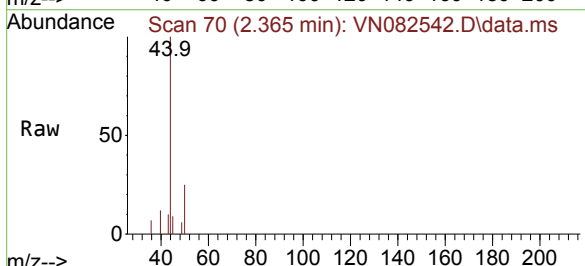
Acq: 12 Jun 2024 20:37

Tgt Ion: 50 Resp: 810

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

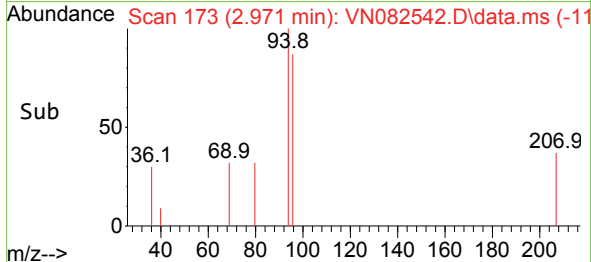
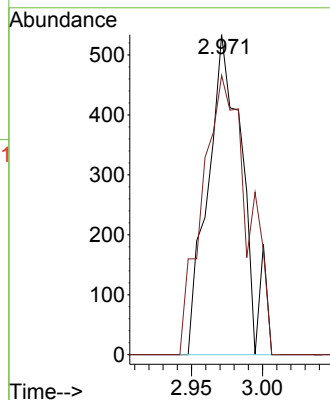
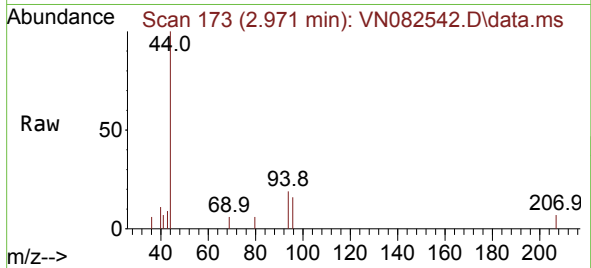




#5
Bromomethane
Concen: 0.615 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082542.D
Acq: 12 Jun 2024 20:37

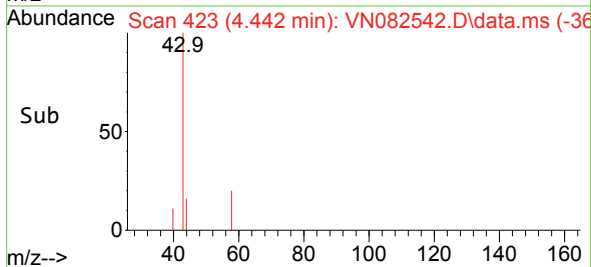
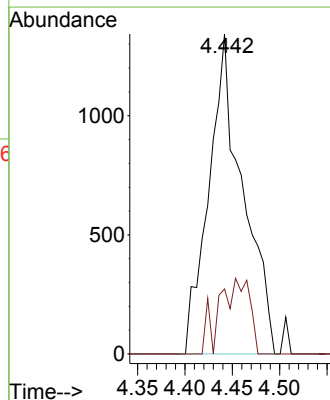
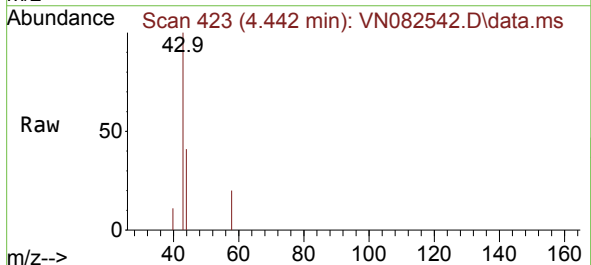
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MSVOA_N
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BPOW6-9-20240610

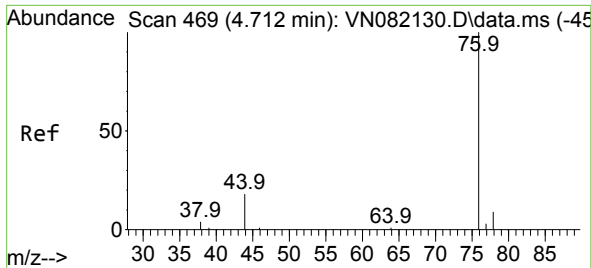
Tgt Ion: 94 Resp: 913
Ion Ratio Lower Upper
94 100
96 87.3 74.8 112.2



#16
Acetone
Concen: 3.074 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082542.D
Acq: 12 Jun 2024 20:37

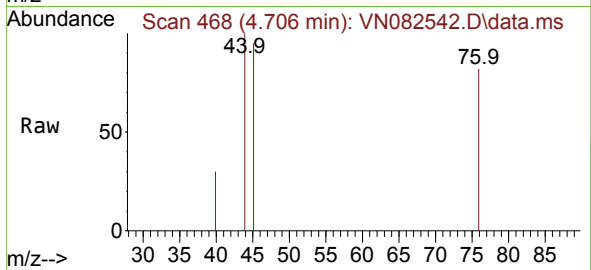
Tgt Ion: 43 Resp: 3350
Ion Ratio Lower Upper
43 100
58 20.3 25.2 37.8#



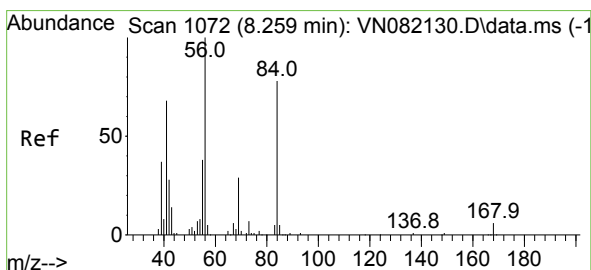
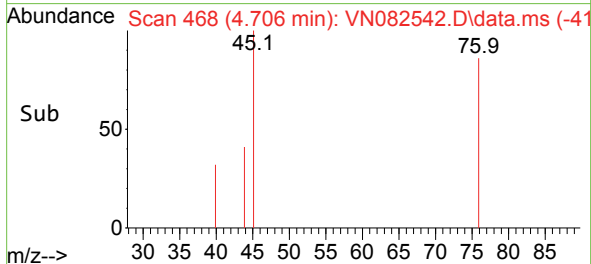
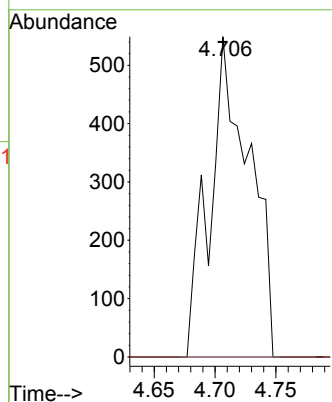


#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082542.D
Acq: 12 Jun 2024 20:37

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-9-20240610

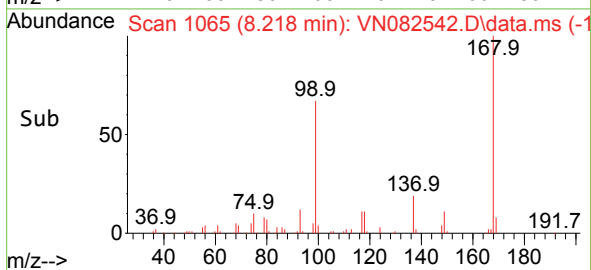
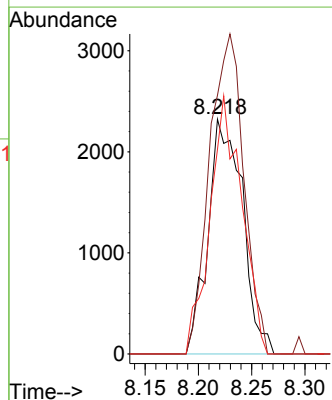
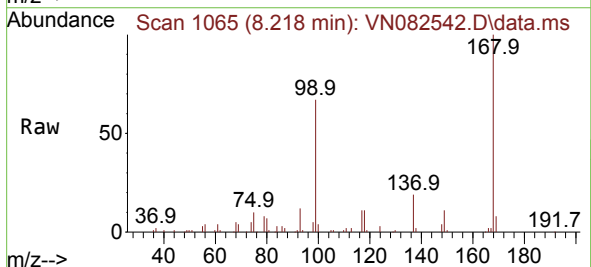


Tgt Ion: 76 Resp: 1257
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082542.D
Acq: 12 Jun 2024 20:37

Tgt Ion: 56 Resp: 5239
Ion Ratio Lower Upper
56 100
69 110.2 24.4 36.6#
84 87.2 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 52.120 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082542.D

Acq: 12 Jun 2024 20:37

Instrument :

MSVOA_N

ClientSampleId :

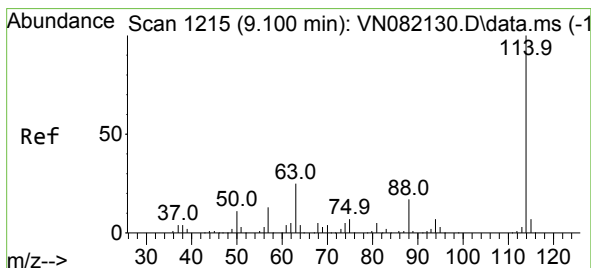
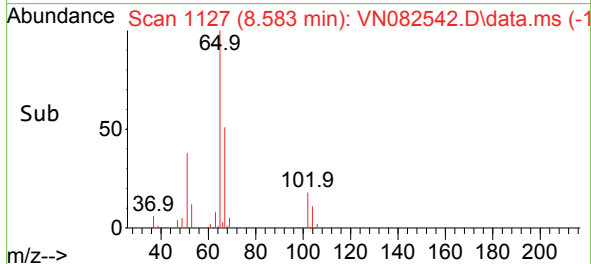
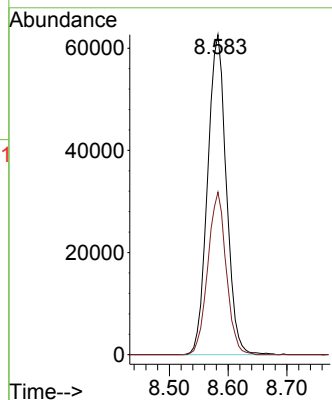
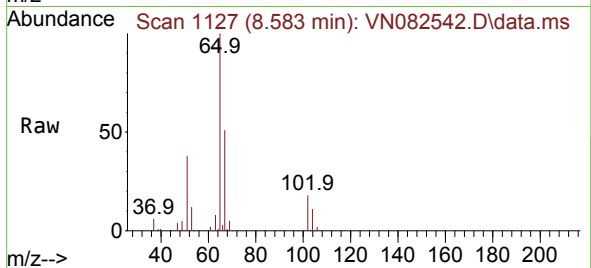
BPOW6-9-20240610

Tgt Ion: 65 Resp: 138474

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082542.D

Acq: 12 Jun 2024 20:37

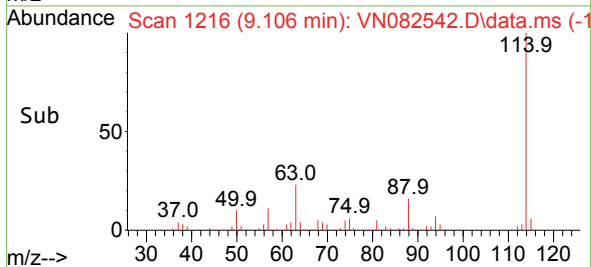
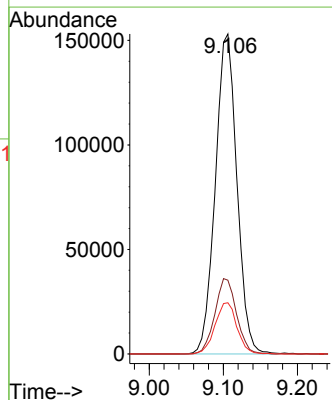
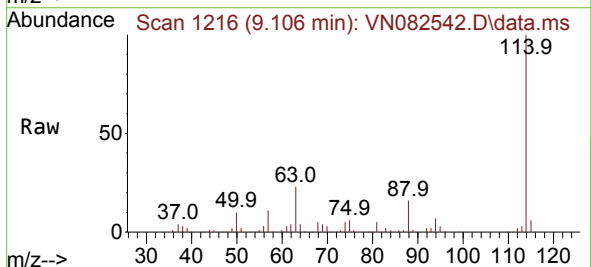
Tgt Ion: 114 Resp: 309801

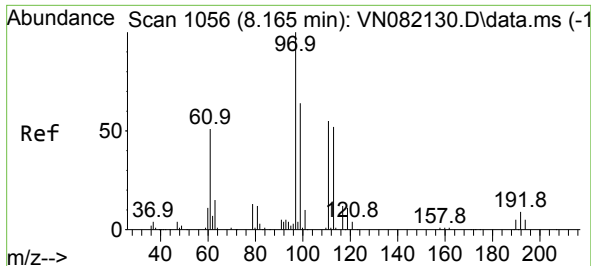
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

88 16.0 0.0 31.4

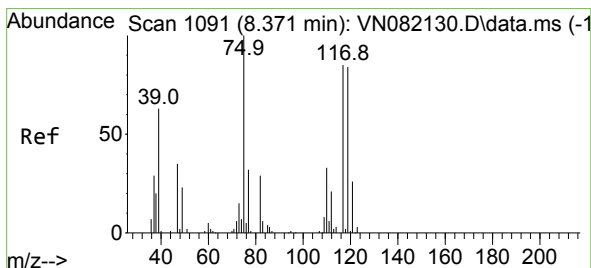
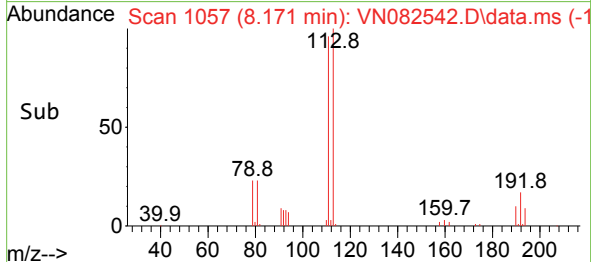
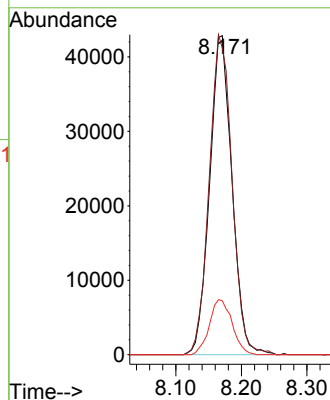
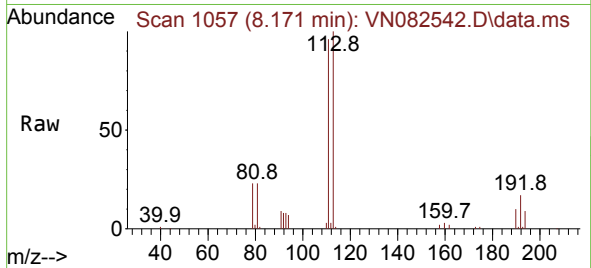




#35
Dibromofluoromethane
Concen: 53.221 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082542.D
Acq: 12 Jun 2024 20:37

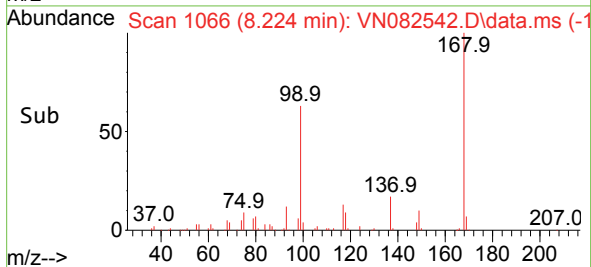
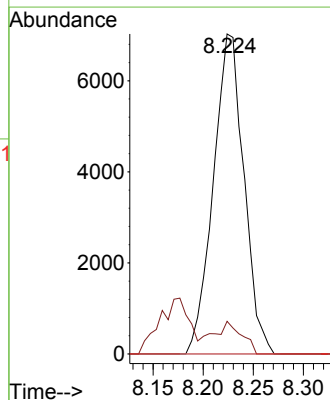
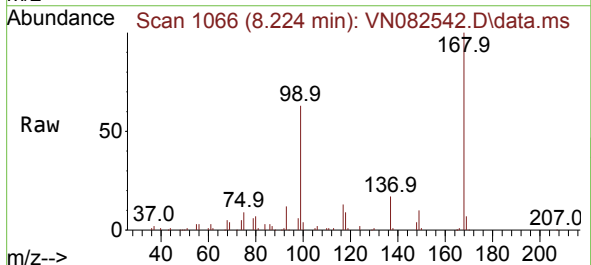
Instrument :
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BPOW6-9-20240610

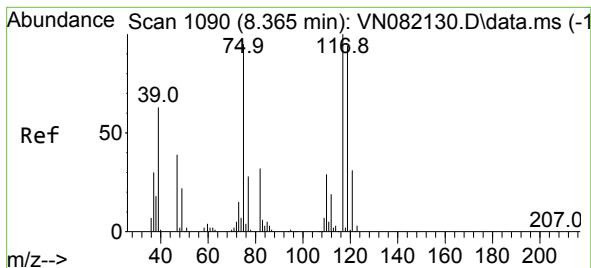
Tgt Ion:113 Resp: 101426
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 17.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.670 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082542.D
Acq: 12 Jun 2024 20:37

Tgt Ion: 75 Resp: 14928
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.762 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN082542.D

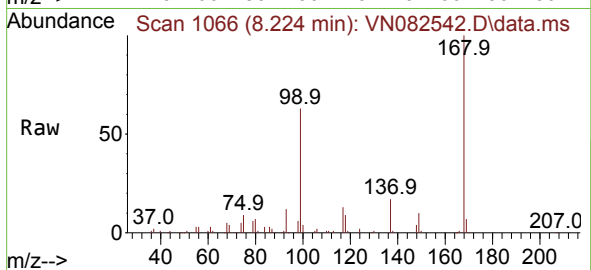
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Instrument :

MSVOA_N

ClientSampleId :

BPOW6-9-20240610



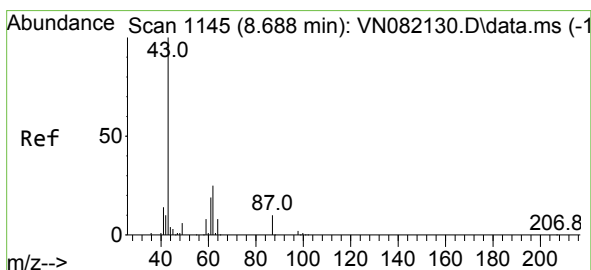
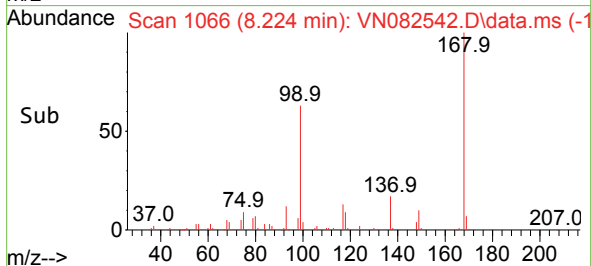
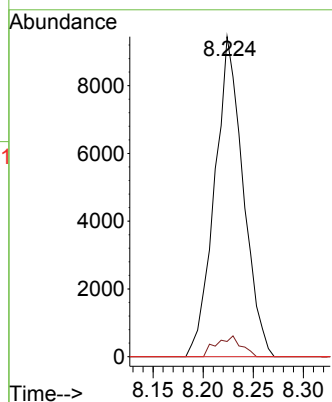
Tgt Ion:117 Resp: 18670

Ion Ratio Lower Upper

117 100

119 4.8 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.292 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082542.D

Acq: 12 Jun 2024 20:37

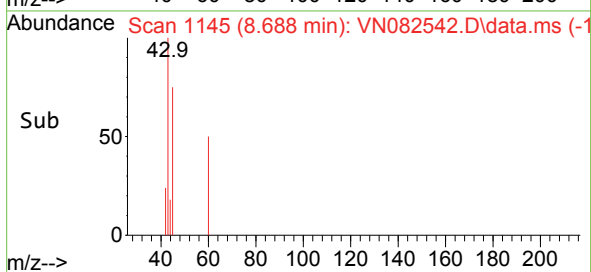
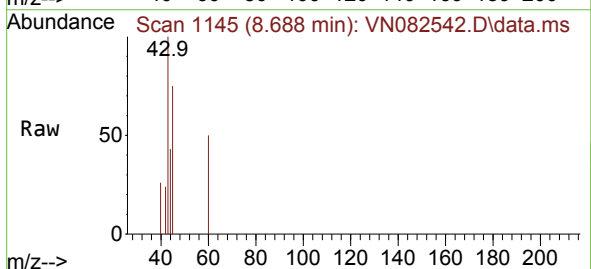
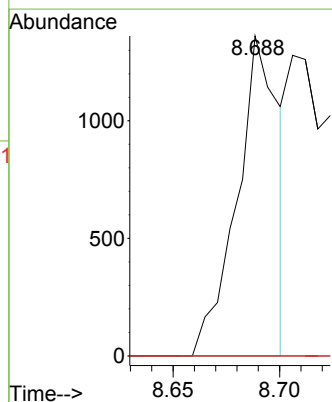
Tgt Ion: 43 Resp: 1853

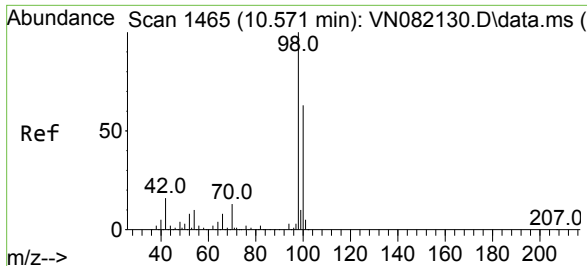
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

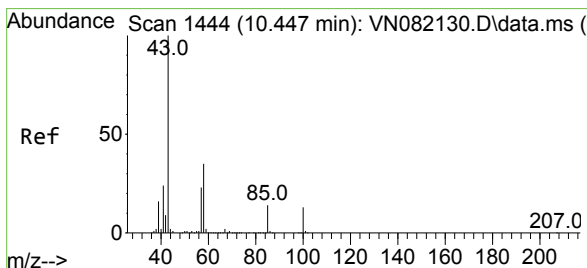
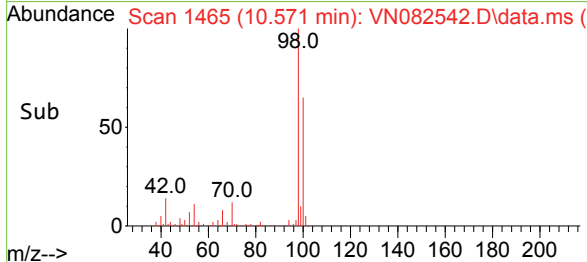
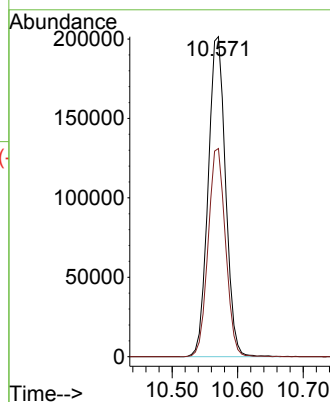
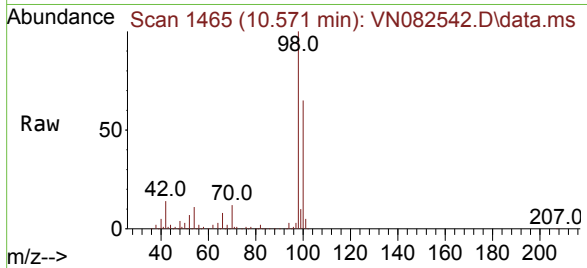




#50
Toluene-d8
Concen: 50.903 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082542.D
Acq: 12 Jun 2024 20:37

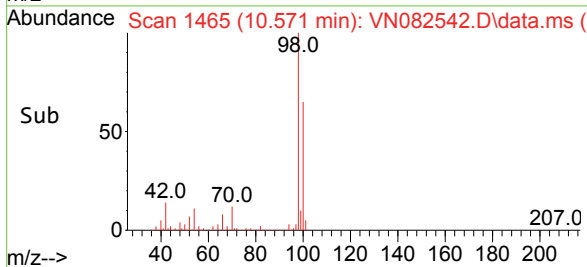
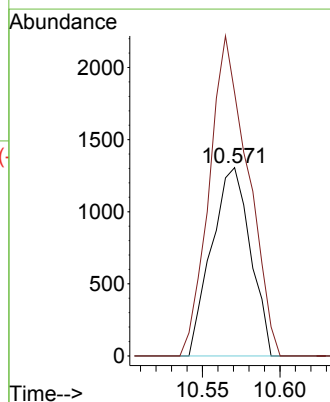
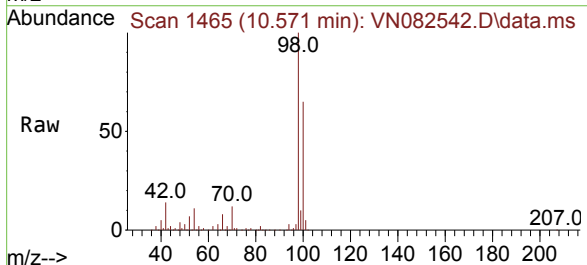
Instrument :
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BPOW6-9-20240610

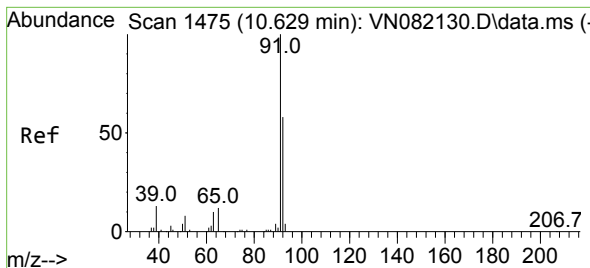
Tgt Ion: 98 Resp: 371924
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.631 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082542.D
Acq: 12 Jun 2024 20:37

Tgt Ion: 43 Resp: 2273
Ion Ratio Lower Upper
43 100
58 169.6 33.2 49.8#





#52

Toluene

Concen: 0.290 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN082542.D

Acq: 12 Jun 2024 20:37

Instrument :

MSVOA_N

ClientSampleId :

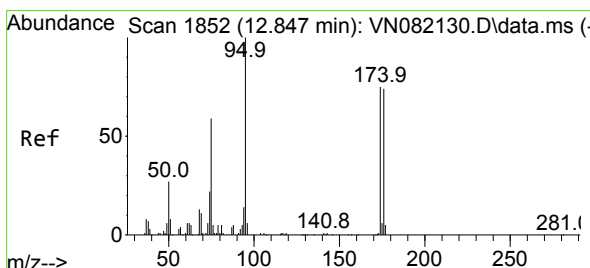
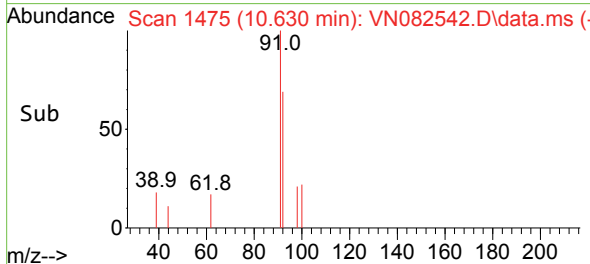
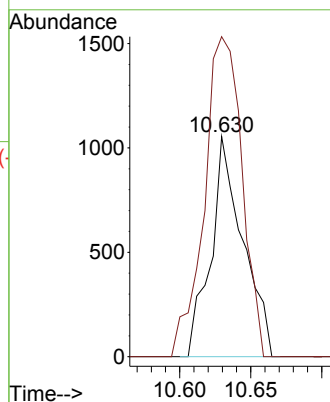
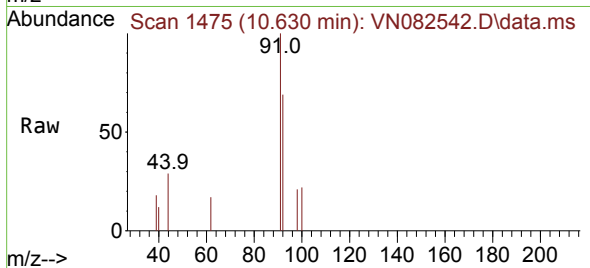
BPOW6-9-20240610

Tgt Ion: 92 Resp: 1657

Ion Ratio Lower Upper

92 100

91 170.7 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 47.621 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082542.D

Acq: 12 Jun 2024 20:37

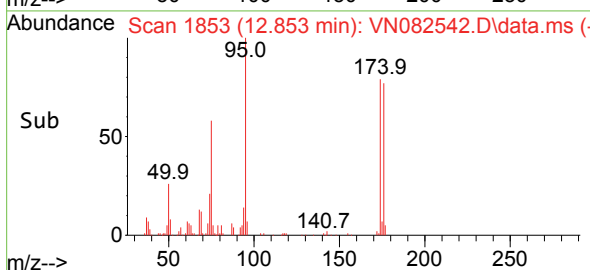
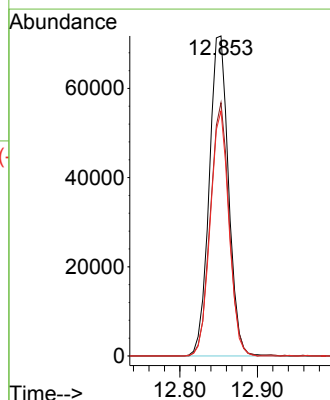
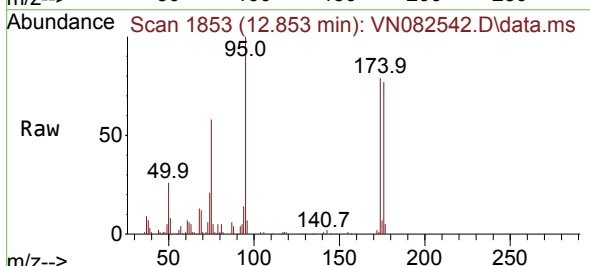
Tgt Ion: 95 Resp: 124190

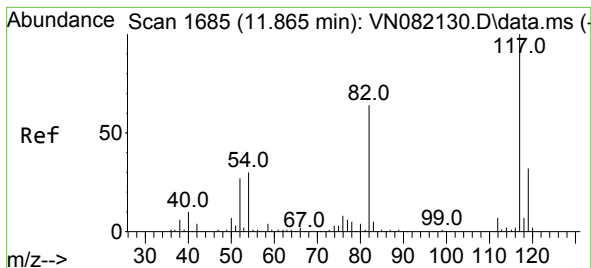
Ion Ratio Lower Upper

95 100

174 77.0 0.0 160.6

176 73.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082542.D

Acq: 12 Jun 2024 20:37

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-9-20240610

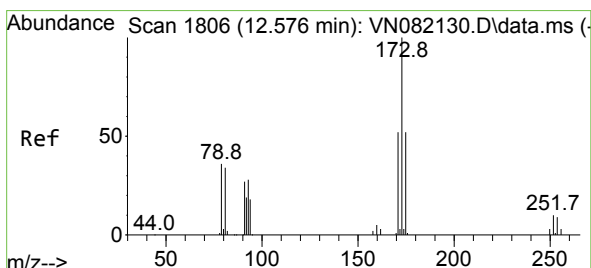
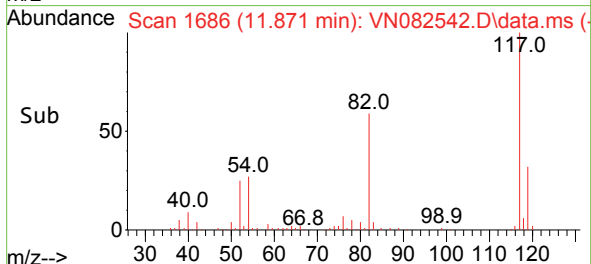
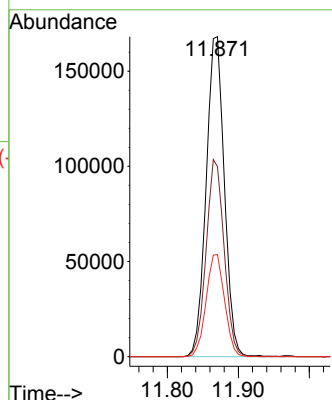
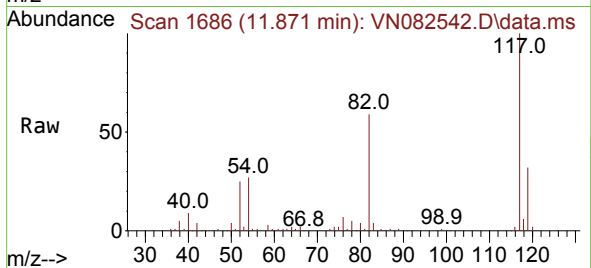
Tgt Ion:117 Resp: 299843

Ion Ratio Lower Upper

117 100

82 59.4 44.6 66.8

119 31.9 25.9 38.9



#71

Bromoform

Concen: 0.733 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082542.D

Acq: 12 Jun 2024 20:37

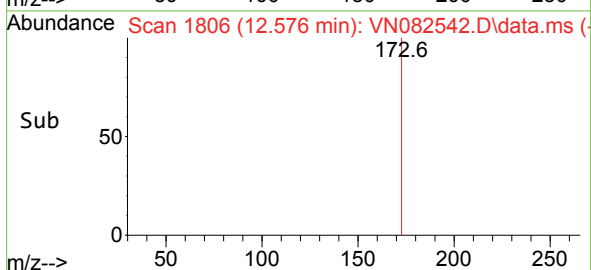
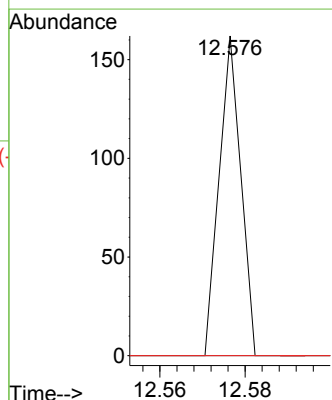
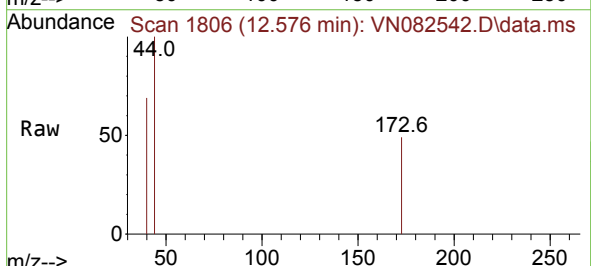
Tgt Ion:173 Resp: 57

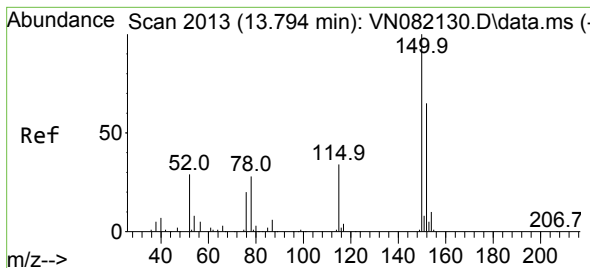
Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082542.D

Acq: 12 Jun 2024 20:37

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-9-20240610

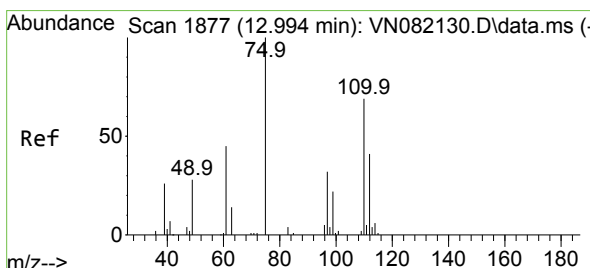
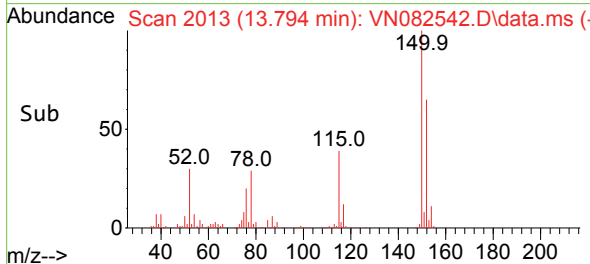
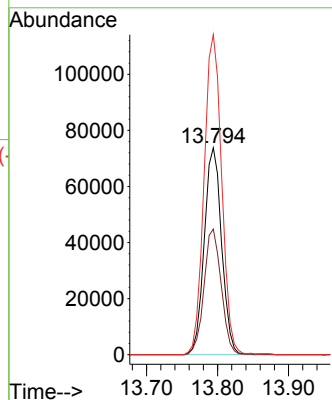
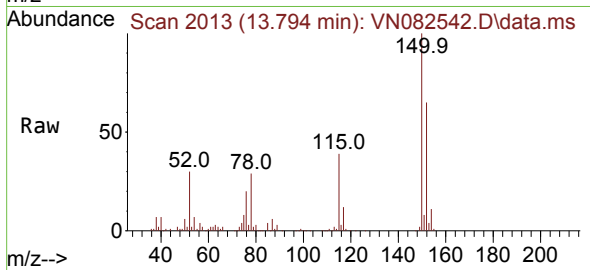
Tgt Ion:152 Resp: 125604

Ion Ratio Lower Upper

152 100

115 60.2 30.4 91.3

150 156.6 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 27.129 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082542.D

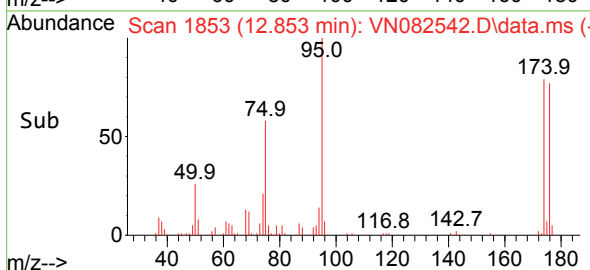
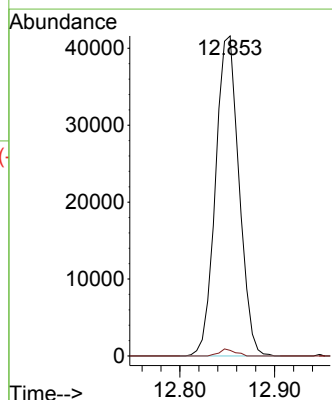
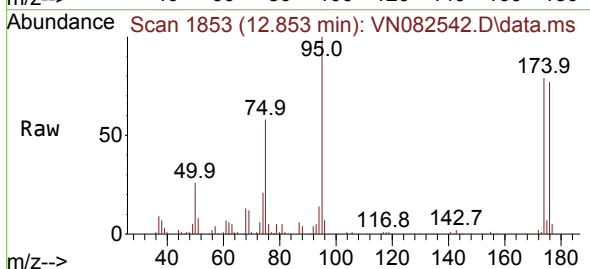
Acq: 12 Jun 2024 20:37

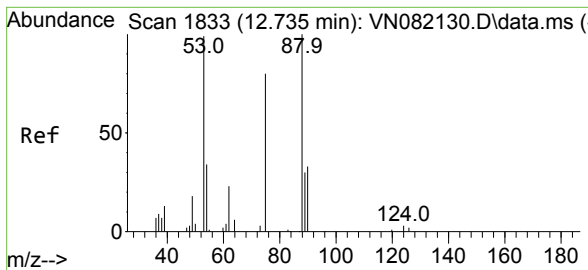
Tgt Ion: 75 Resp: 71719

Ion Ratio Lower Upper

75 100

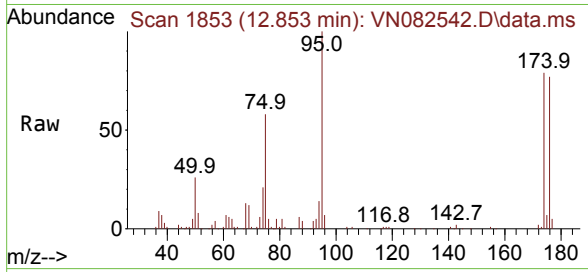
77 1.5 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.453 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082542.D
 Acq: 12 Jun 2024 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-9-20240610



Tgt Ion: 75 Resp: 71719
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.9 109.3#
 89 0.0 39.1 58.7#

