

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082898.D
 Acq On : 12 Jul 2024 14:40
 Operator : JC\MD
 Sample : P3229-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB189-HYD-20240710

Quant Time: Jul 15 01:12:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

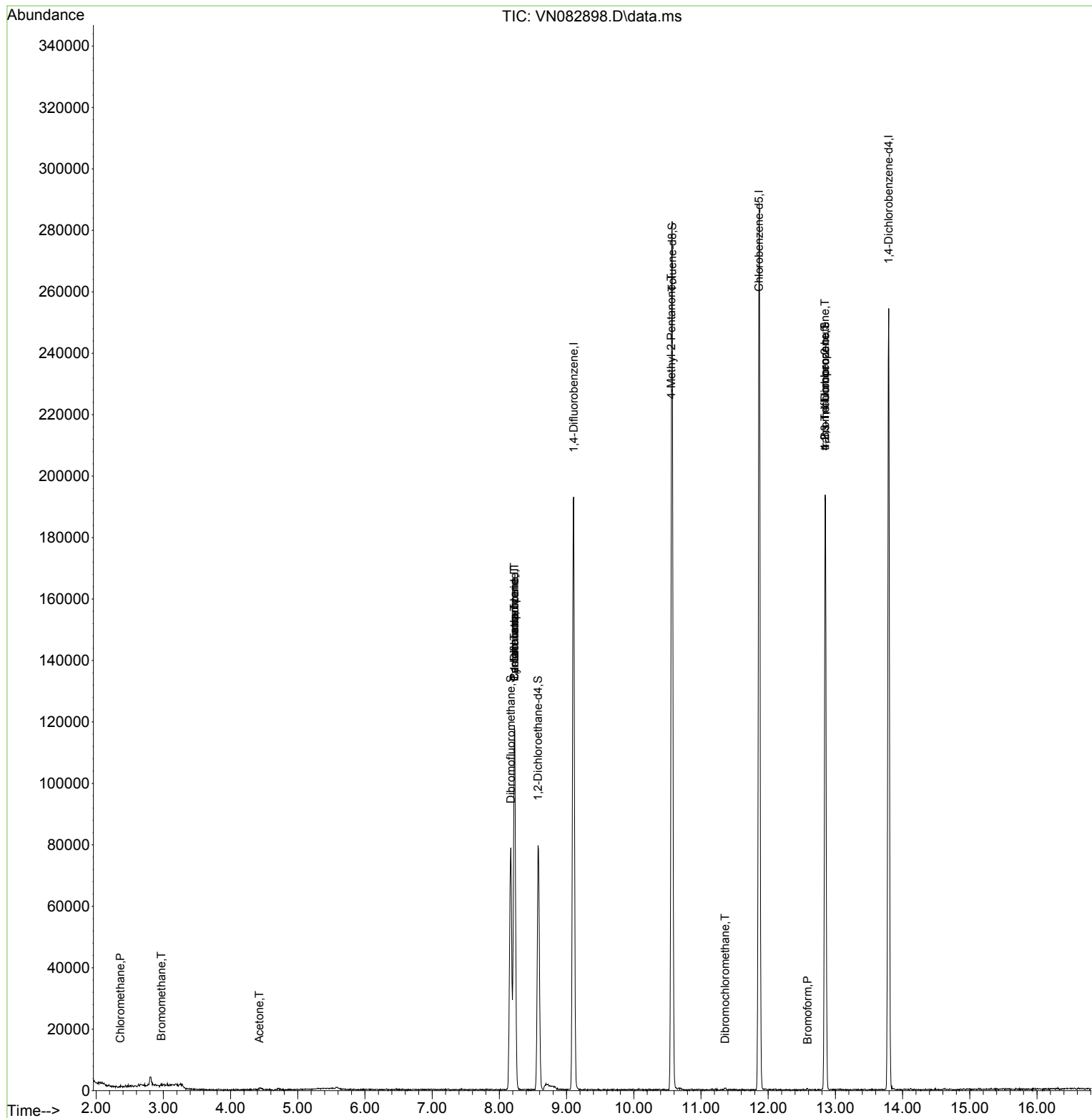
Internal Standards						
1) Pentafluorobenzene	8.224	168	83577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	165098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	162131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	66757	56.980	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.960%	
35) Dibromofluoromethane	8.171	113	55243	52.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.300%	
50) Toluene-d8	10.571	98	196873	50.315	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.847	95	63748	45.355	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 90.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	296	0.288	ug/l #	43
5) Bromomethane	2.971	94	347	0.447	ug/l	86
16) Acetone	4.430	43	862	2.090	ug/l #	48
31) Cyclohexane	8.224	56	2073	1.353	ug/l #	16
36) 1,1-Dichloropropene	8.224	75	7248	4.962	ug/l #	49
38) Carbon Tetrachloride	8.224	117	8909	5.066	ug/l #	19
43) Isopropyl Acetate	8.682	43	2044	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.559	43	1086	0.737	ug/l #	1
60) Dibromochloromethane	11.359	129	385	0.293	ug/l #	49
71) Bromoform	12.588	173	233	0.240	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	35278	30.774	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	35278	60.524	ug/l #	6

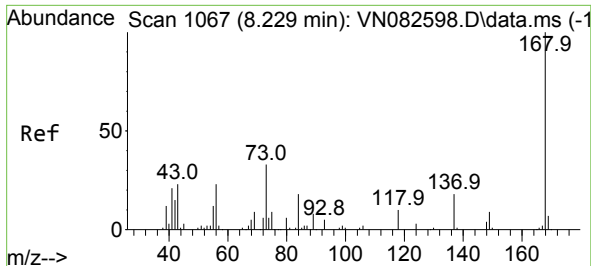
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
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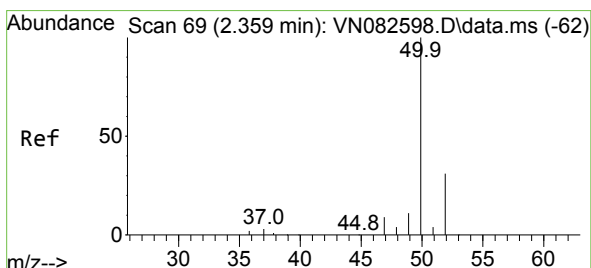
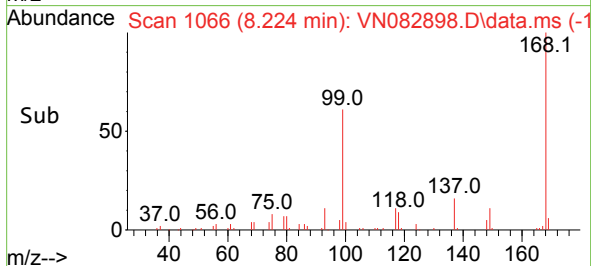
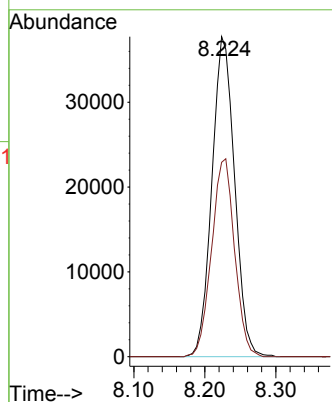
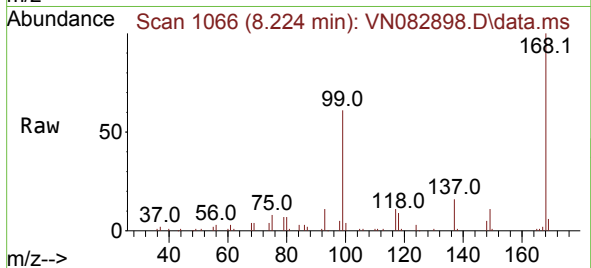




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

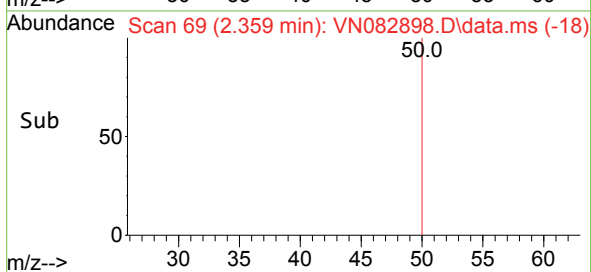
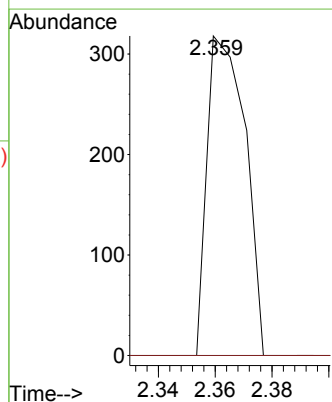
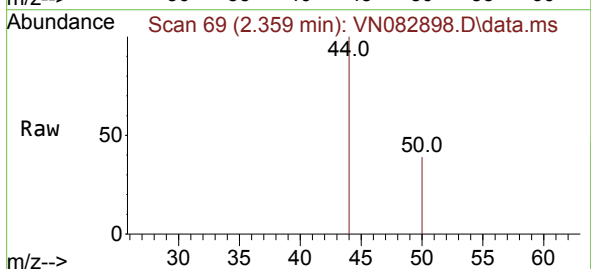
Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240710

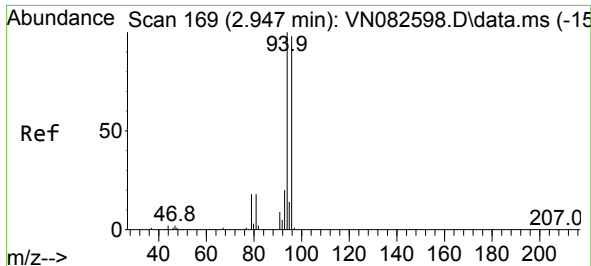
Tgt Ion:168 Resp: 83577
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#3
Chloromethane
Concen: 0.288 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

Tgt Ion: 50 Resp: 296
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#5

Bromomethane

Concen: 0.447 ug/l

RT: 2.971 min Scan# 11

Delta R.T. 0.024 min

Lab File: VN082898.D

Acq: 12 Jul 2024 14:40

Instrument :

MSVOA_N

ClientSampleId :

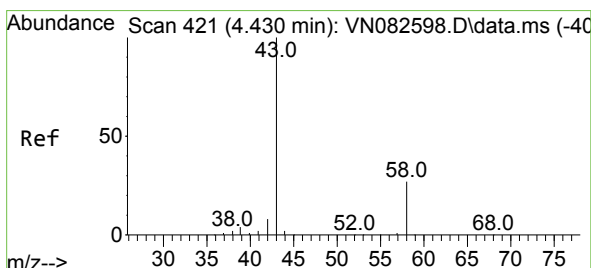
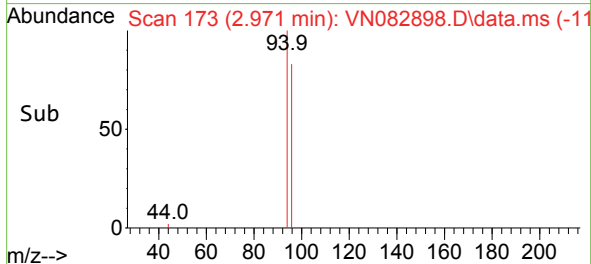
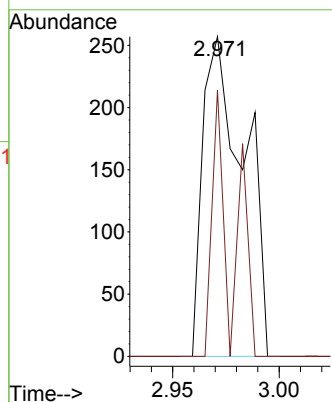
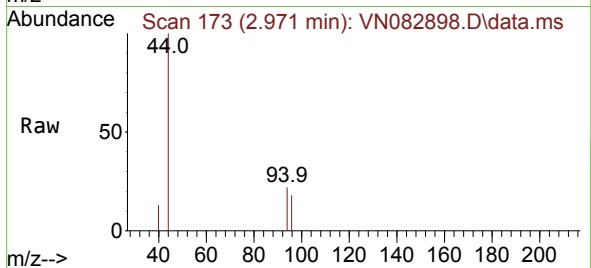
VPB189-HYD-20240710

Tgt Ion: 94 Resp: 347

Ion Ratio Lower Upper

94 100

96 83.3 78.0 117.0



#16

Acetone

Concen: 2.090 ug/l

RT: 4.430 min Scan# 421

Delta R.T. -0.000 min

Lab File: VN082898.D

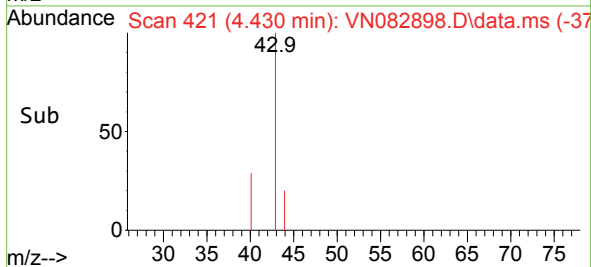
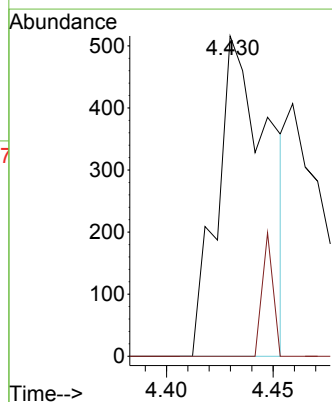
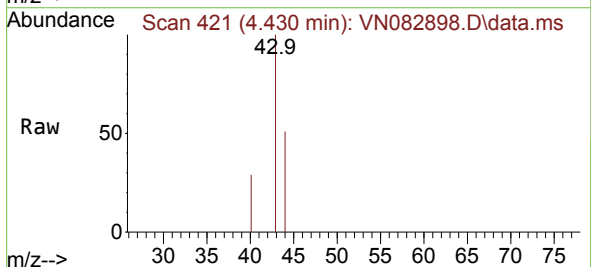
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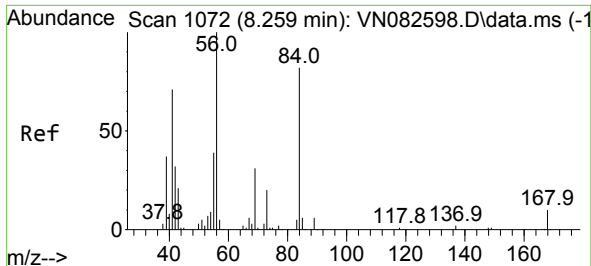
Tgt Ion: 43 Resp: 862

Ion Ratio Lower Upper

43 100

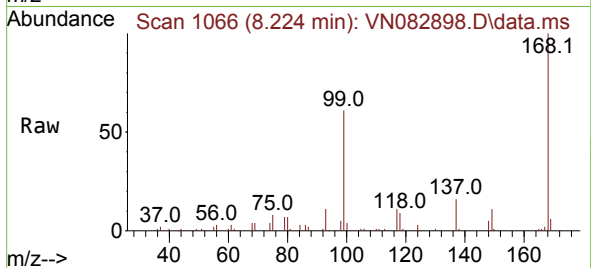
58 0.0 21.8 32.6#



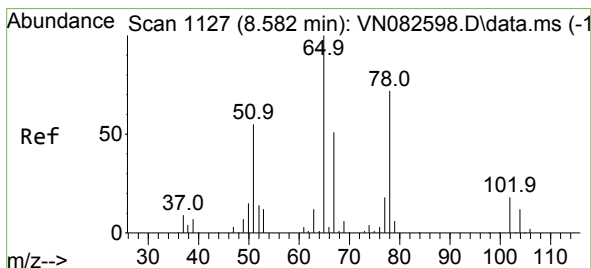
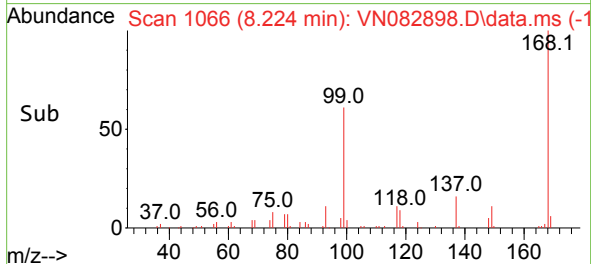
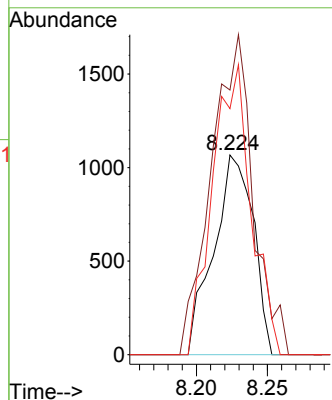


#31
Cyclohexane
Concen: 1.353 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240710

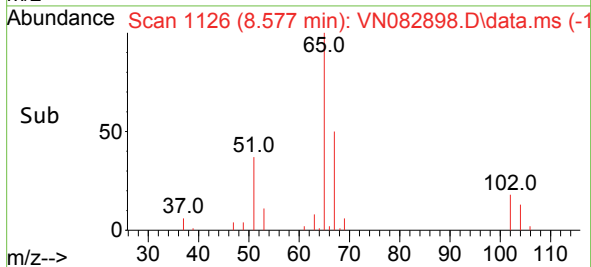
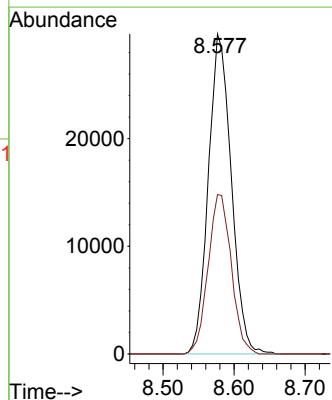
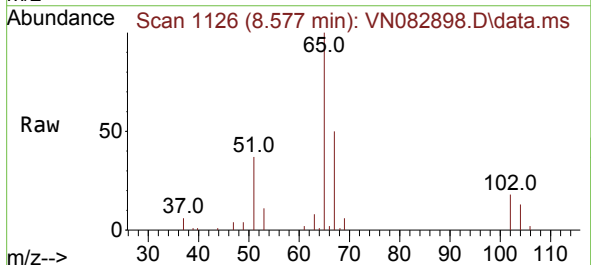


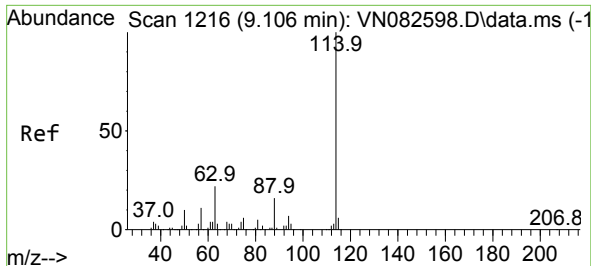
Tgt Ion: 56 Resp: 2073
Ion Ratio Lower Upper
56 100
69 132.5 24.5 36.7#
84 123.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.980 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

Tgt Ion: 65 Resp: 66757
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.4

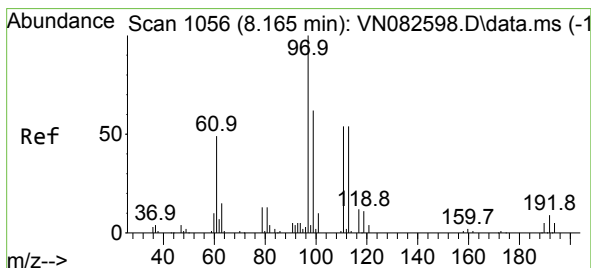
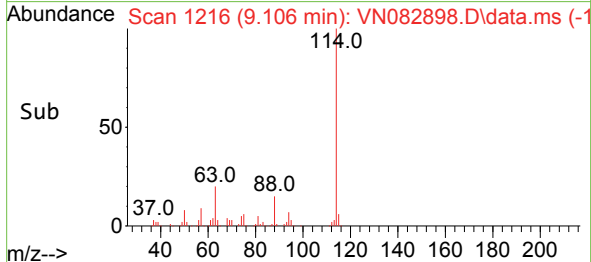
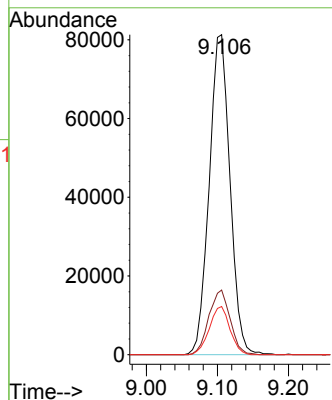
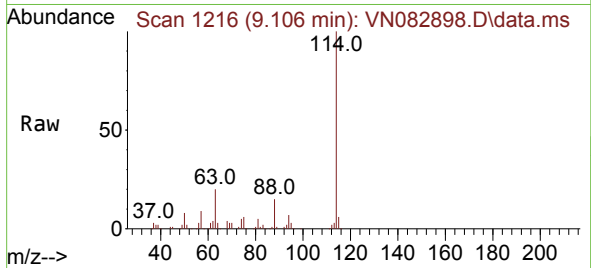




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

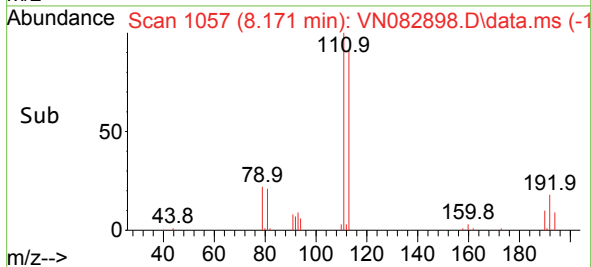
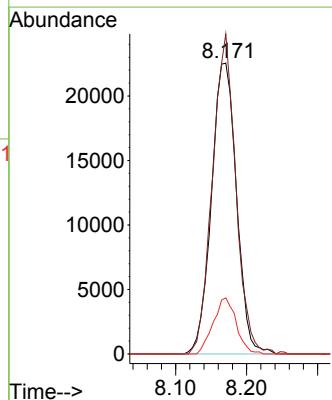
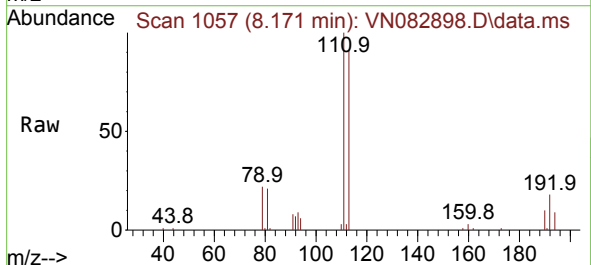
Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240710

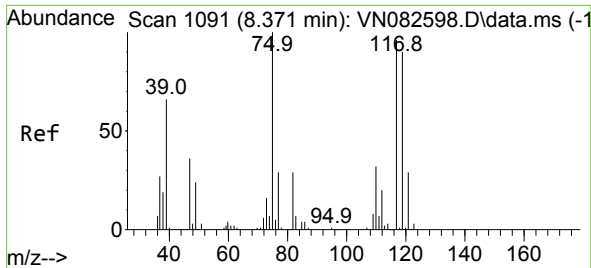
Tgt Ion:114 Resp: 165098
Ion Ratio Lower Upper
114 100
63 20.2 0.0 44.6
88 15.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.146 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

Tgt Ion:113 Resp: 55243
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 17.7 14.9 22.3

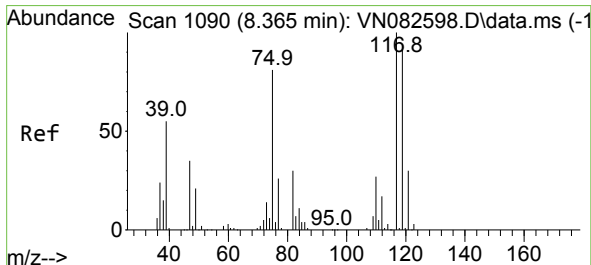
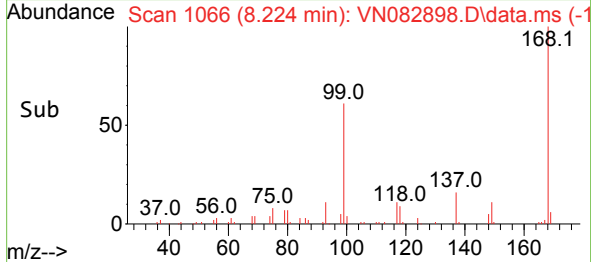
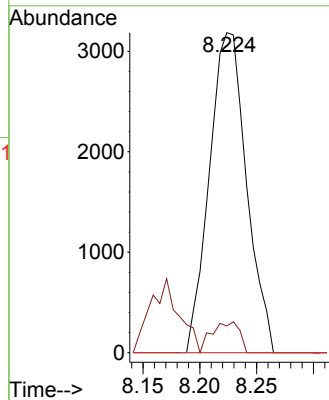
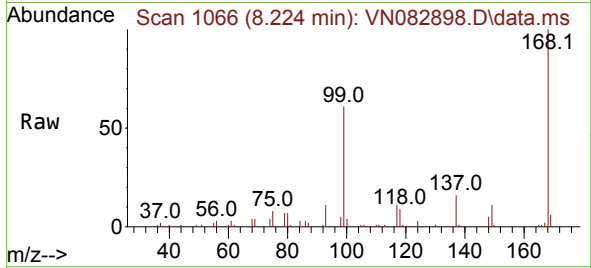




#36
1,1-Dichloropropene
Concen: 4.962 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

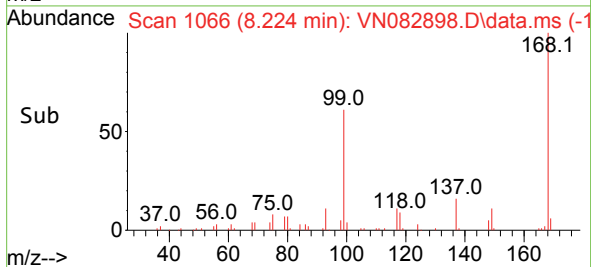
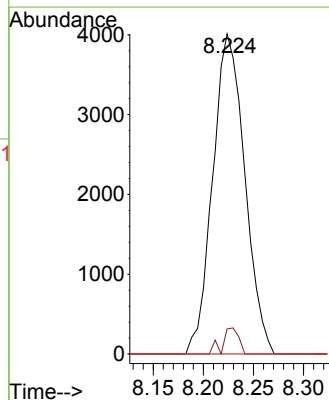
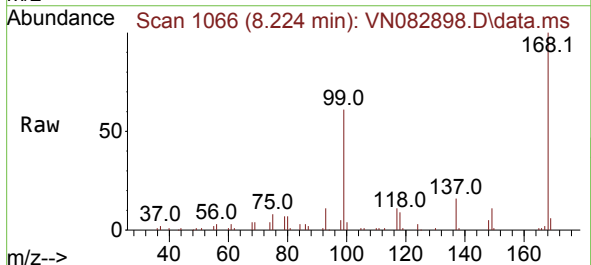
Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240710

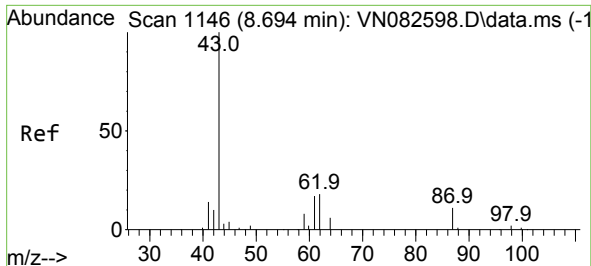
Tgt Ion: 75 Resp: 7248
Ion Ratio Lower Upper
75 100
110 7.1 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.066 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

Tgt Ion: 117 Resp: 8909
Ion Ratio Lower Upper
117 100
119 7.8 74.9 112.3#
121 0.0 24.3 36.5#

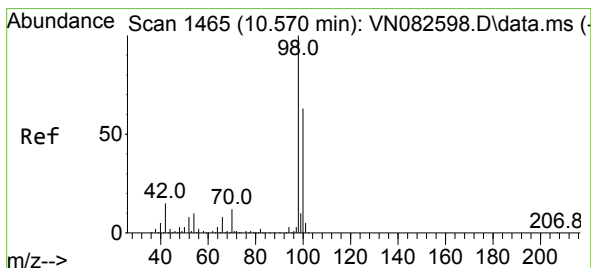
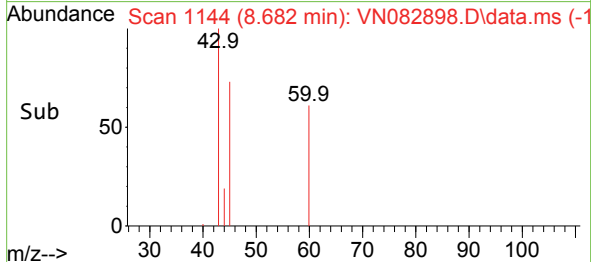
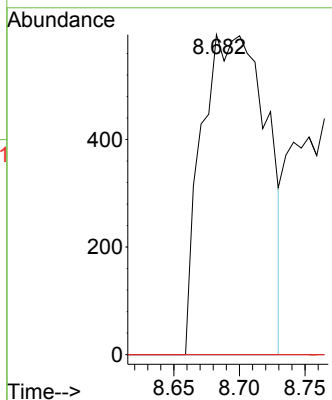
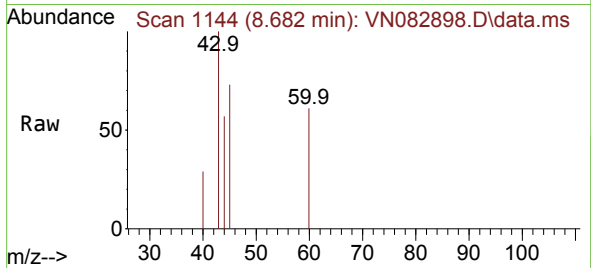




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

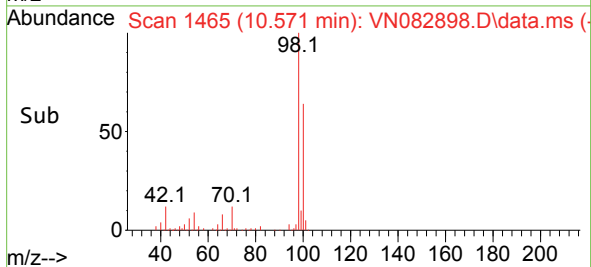
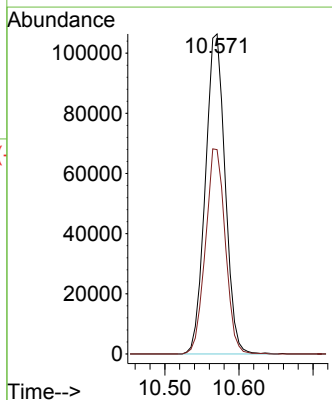
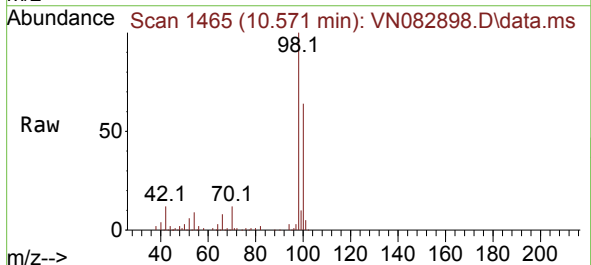
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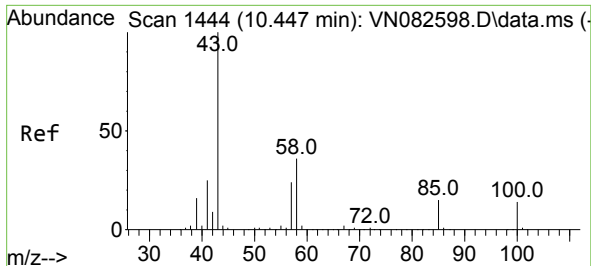
Tgt Ion: 43 Resp: 2044
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 50.315 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

Tgt Ion: 98 Resp: 196873
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.737 ug/l

RT: 10.559 min Scan# 1444

Delta R.T. 0.112 min

Lab File: VN082898.D

Acq: 12 Jul 2024 14:40

Instrument :

MSVOA_N

ClientSampleId :

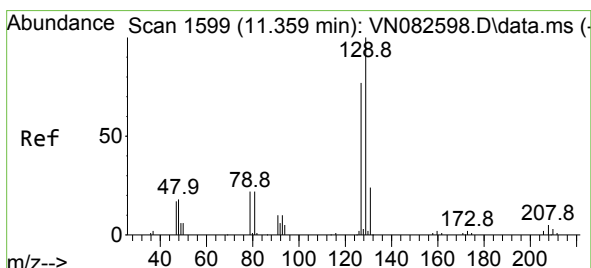
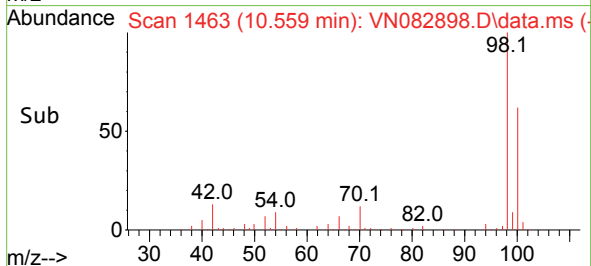
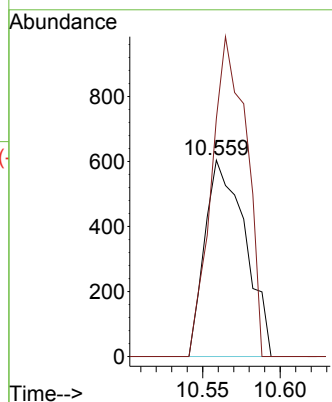
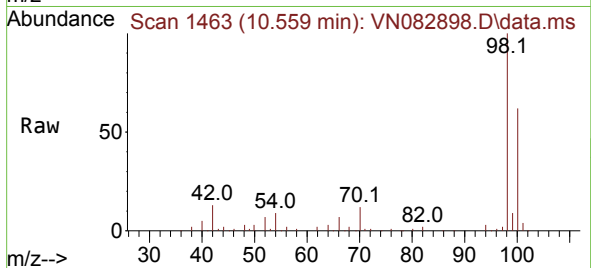
VPB189-HYD-20240710

Tgt Ion: 43 Resp: 1086

Ion Ratio Lower Upper

43 100

58 142.1 28.2 42.4#



#60

Dibromochloromethane

Concen: 0.293 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN082898.D

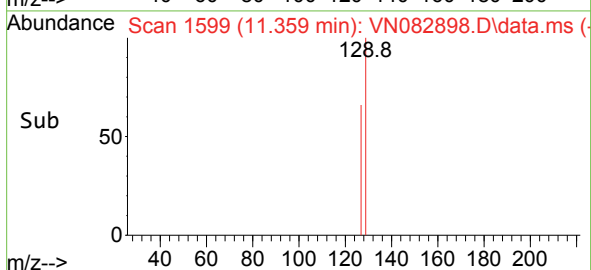
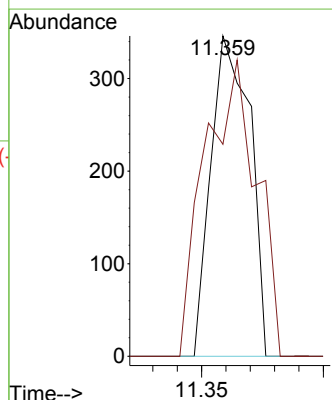
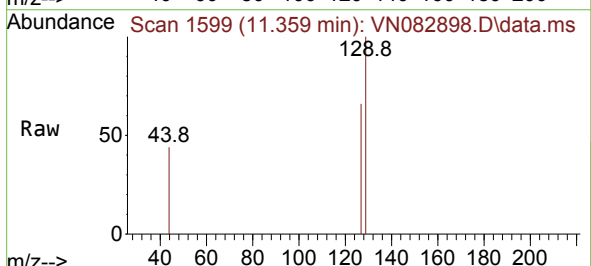
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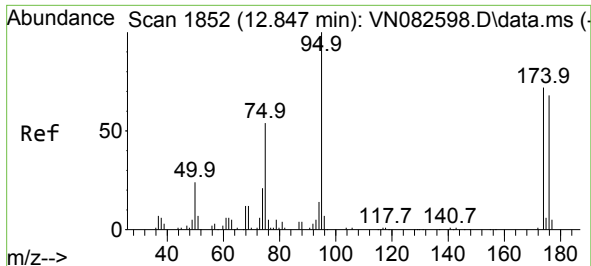
Tgt Ion: 129 Resp: 385

Ion Ratio Lower Upper

129 100

127 122.9 39.2 117.6#

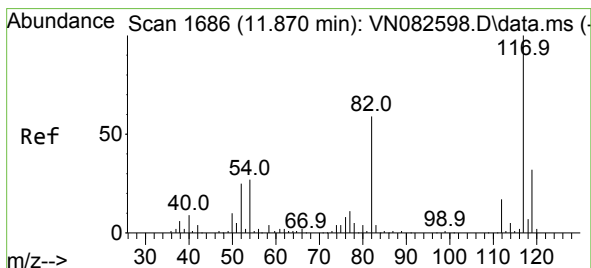
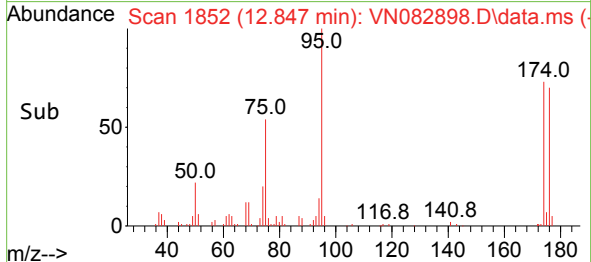
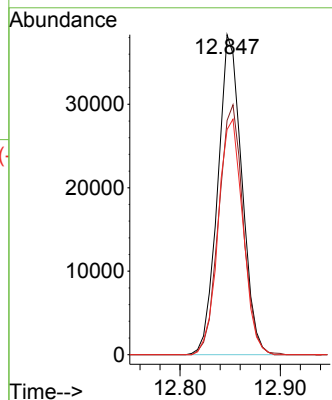
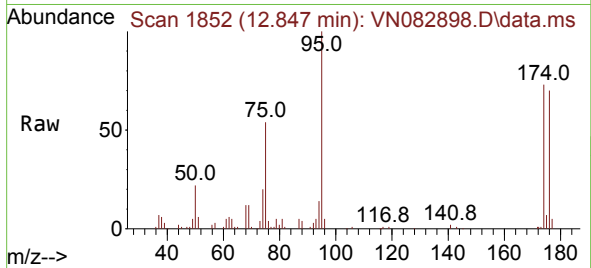




#62
4-Bromofluorobenzene
Concen: 45.355 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

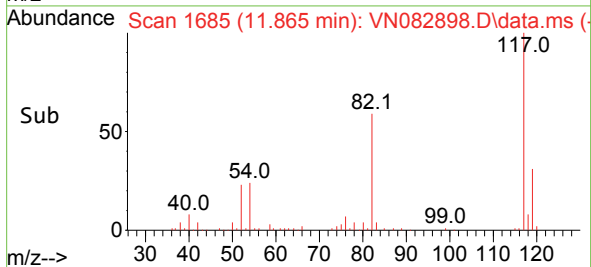
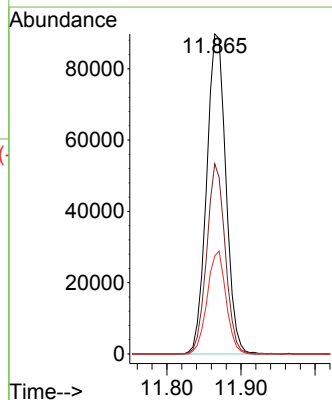
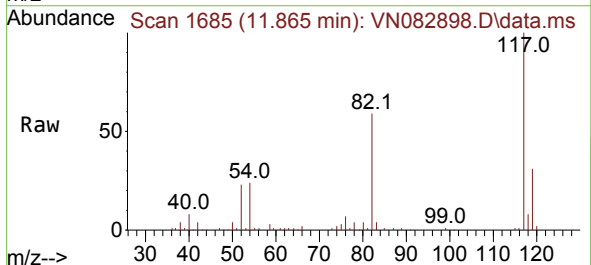
Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240710

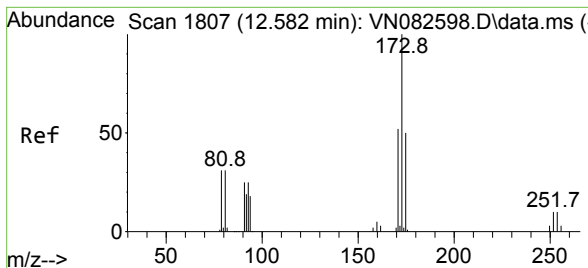
Tgt Ion: 95 Resp: 63748
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.2
176 75.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

Tgt Ion: 117 Resp: 162131
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 30.6 25.6 38.4





#71

Bromoform

Concen: 0.240 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN082898.D

Acq: 12 Jul 2024 14:40

Instrument :

MSVOA_N

ClientSampleId :

VPB189-HYD-20240710

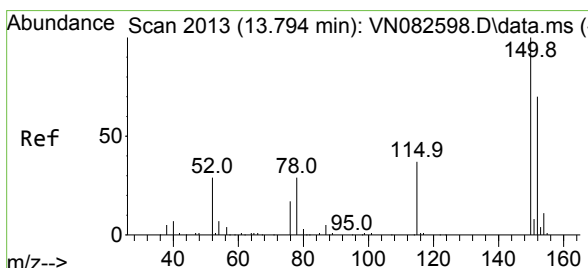
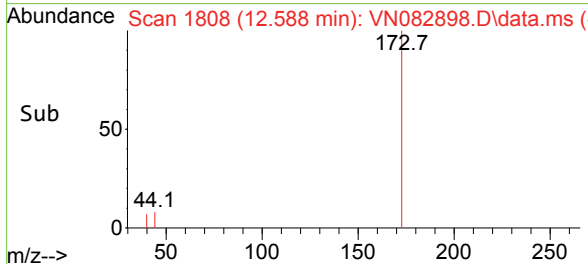
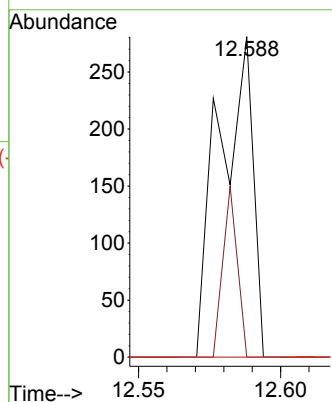
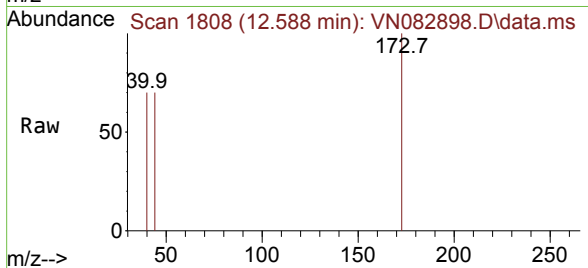
Tgt Ion:173 Resp: 233

Ion Ratio Lower Upper

173 100

175 0.0 24.0 72.0#

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: VN082898.D

Acq: 12 Jul 2024 14:40

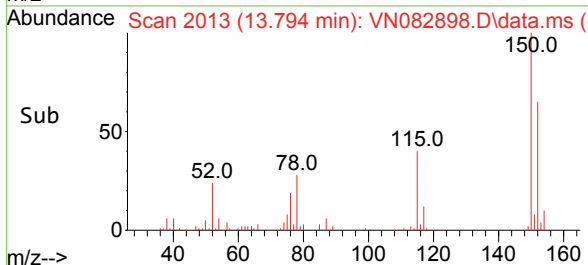
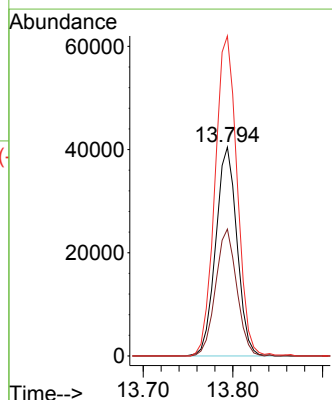
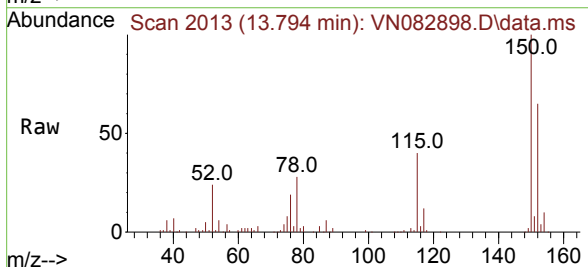
Tgt Ion:152 Resp: 66491

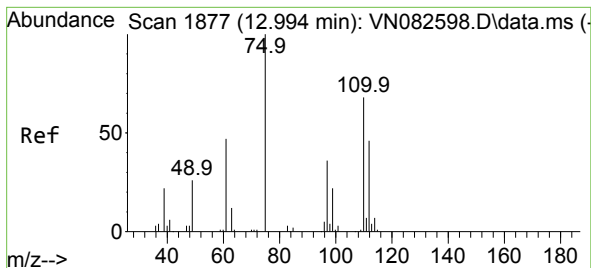
Ion Ratio Lower Upper

152 100

115 60.7 30.6 91.6

150 159.6 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 30.774 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082898.D

Acq: 12 Jul 2024 14:40

Instrument :

MSVOA_N

ClientSampleId :

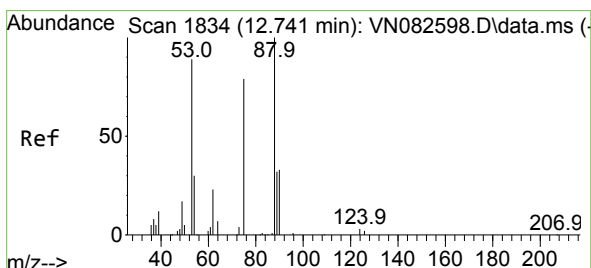
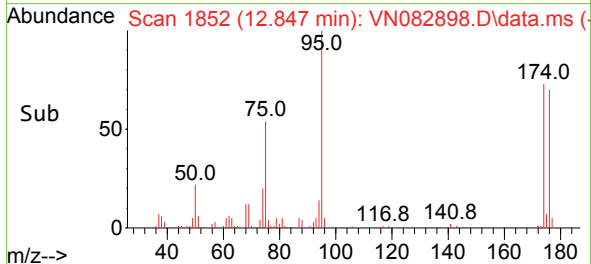
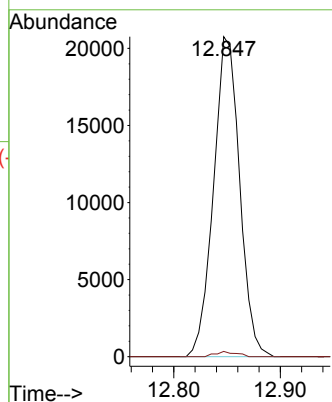
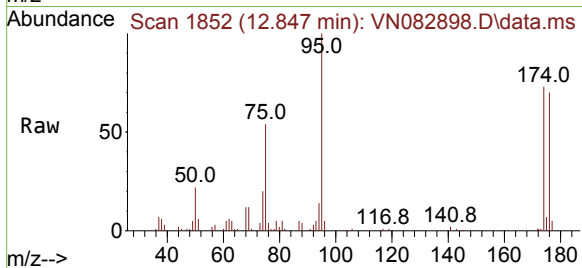
VPB189-HYD-20240710

Tgt Ion: 75 Resp: 35278

Ion Ratio Lower Upper

75 100

77 1.3 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.524 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN082898.D

Acq: 12 Jul 2024 14:40

Tgt Ion: 75 Resp: 35278

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

