

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082884.D
 Acq On : 11 Jul 2024 18:22
 Operator : JC\MD
 Sample : P3222-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB196-HYD-20240710

Quant Time: Jul 12 01:10:44 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)

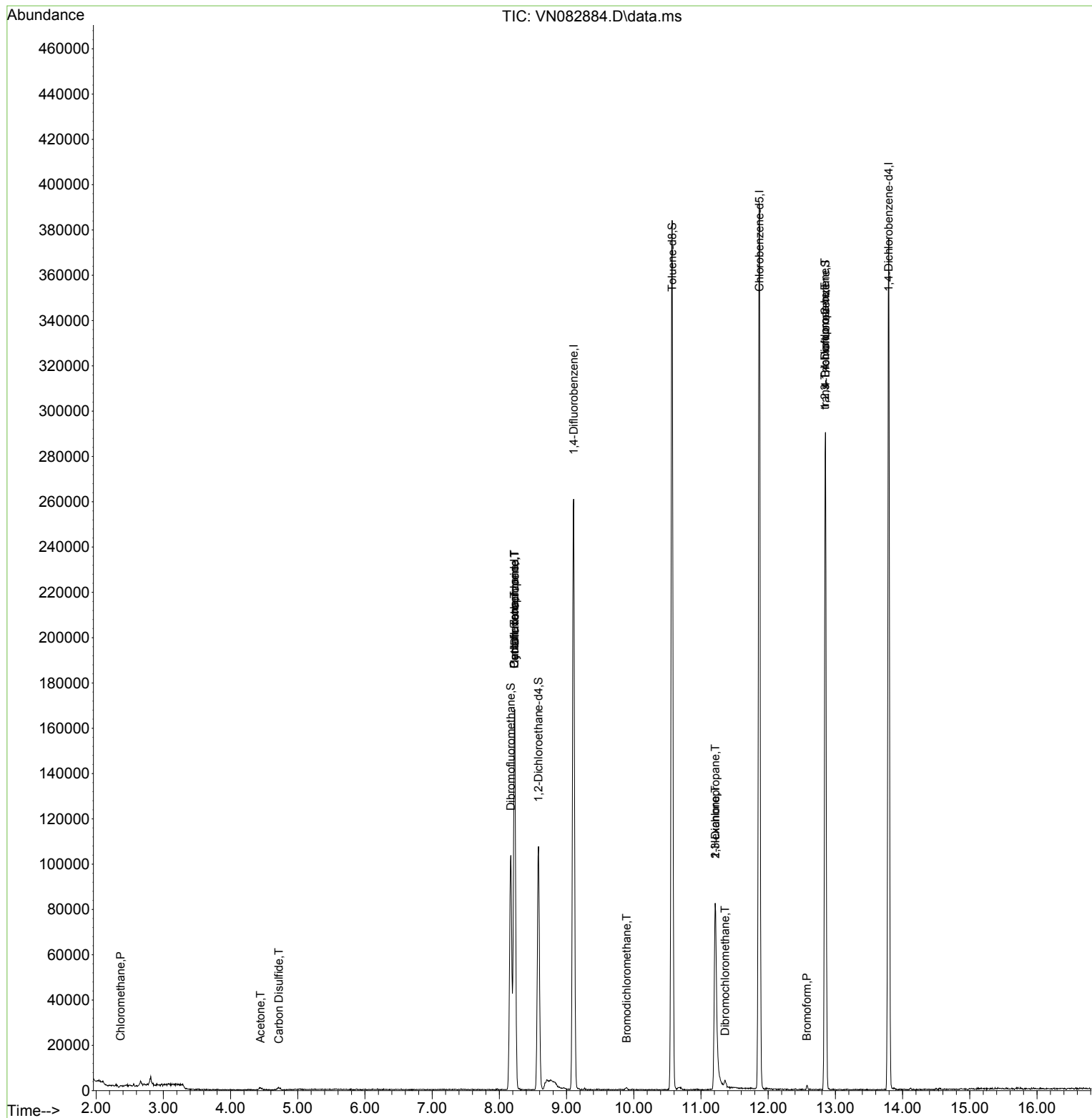
Internal Standards						
1) Pentafluorobenzene	8.224	168	119445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	225671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	223899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	88128	52.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.260%			
35) Dibromofluoromethane	8.171	113	72348	49.962	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.920%			
50) Toluene-d8	10.571	98	264247	49.406	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.820%			
62) 4-Bromofluorobenzene	12.853	95	96783	50.376	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.760%			
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	344	0.235	ug/l #	43
16) Acetone	4.447	43	2036	3.454	ug/l #	48
17) Carbon Disulfide	4.718	76	1607	0.441	ug/l #	75
31) Cyclohexane	8.224	56	3181	1.453	ug/l #	29
36) 1,1-Dichloropropene	8.230	75	10506	5.262	ug/l #	52
38) Carbon Tetrachloride	8.224	117	12987	5.403	ug/l #	17
43) Isopropyl Acetate	8.712	43	5011	Below Cal	#	60
47) Bromodichloromethane	9.894	83	1031	0.447	ug/l #	91
57) 1,3-Dichloropropane	11.212	76	552	0.221	ug/l #	43
59) 2-Hexanone	11.212	43	30508	20.363	ug/l #	40
60) Dibromochloromethane	11.359	129	1679	0.934	ug/l	100
71) Bromoform	12.576	173	866	0.645	ug/l #	87
76) 1,2,3-Trichloropropane	12.847	75	53715	31.589	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53715	62.126	ug/l #	6

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

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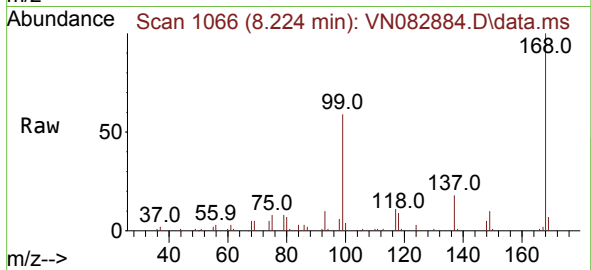
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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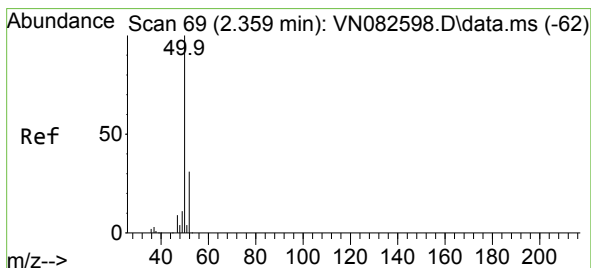
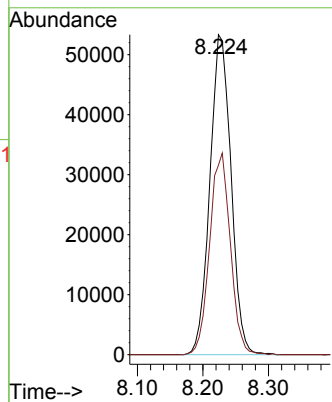
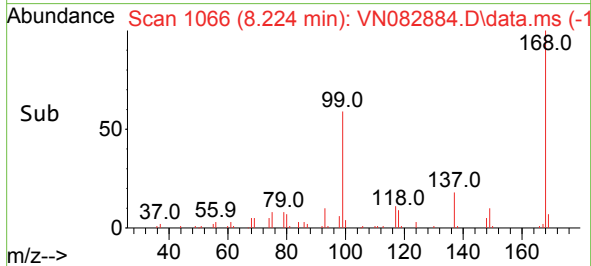


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VPB196-HYD-20240710

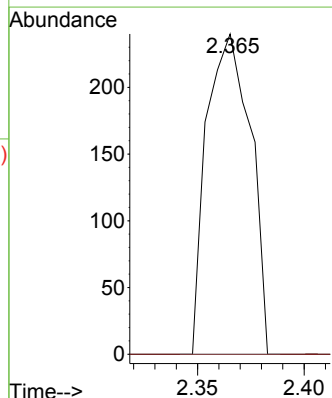
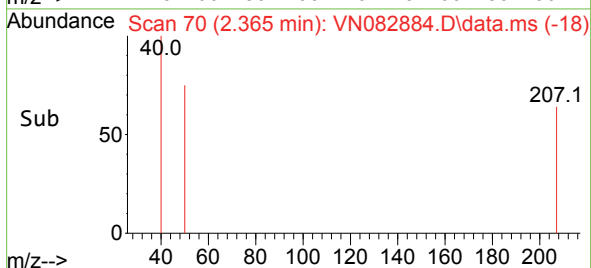
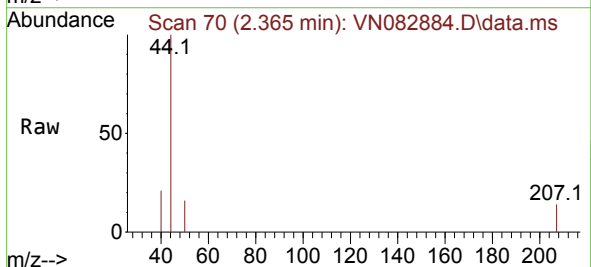


Tgt Ion:168 Resp: 119445
Ion Ratio Lower Upper
168 100
99 59.2 48.2 72.4



#3
Chloromethane
Concen: 0.235 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

Tgt Ion: 50 Resp: 344
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

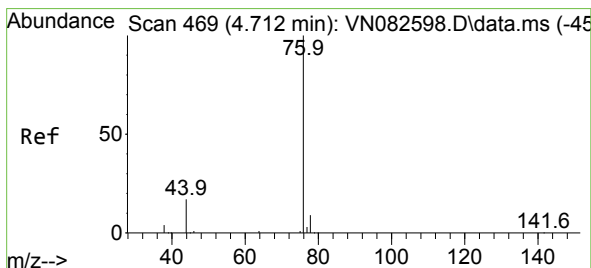
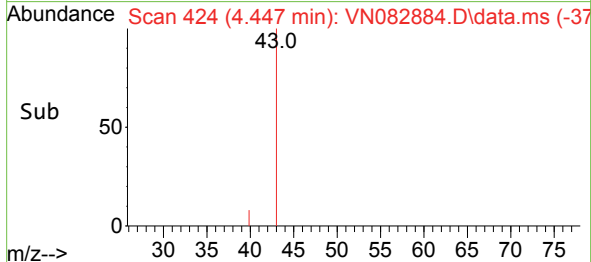
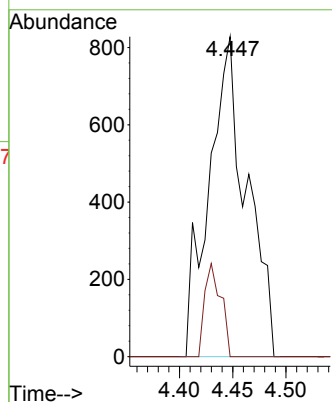
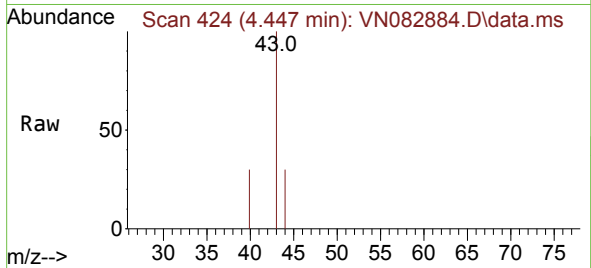




#16
Acetone
Concen: 3.454 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

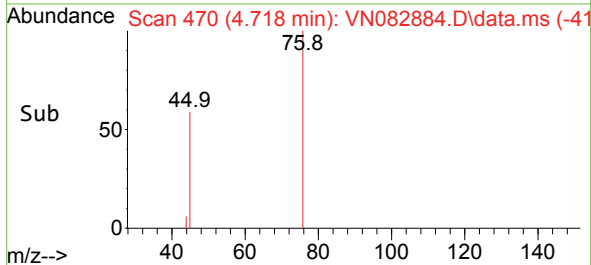
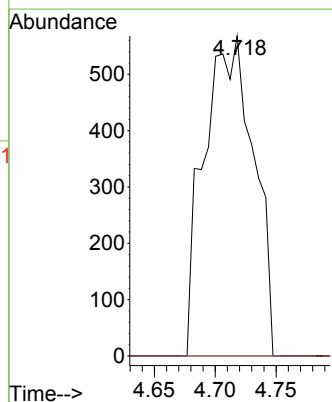
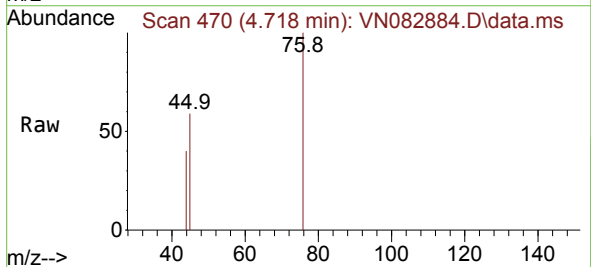
Instrument :
MSVOA_N
ClientSampleId :
VPB196-HYD-20240710

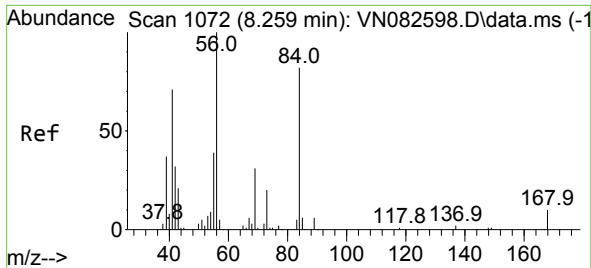
Tgt Ion: 43 Resp: 2036
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.441 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

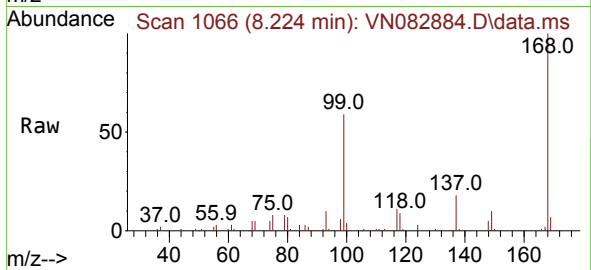
Tgt Ion: 76 Resp: 1607
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



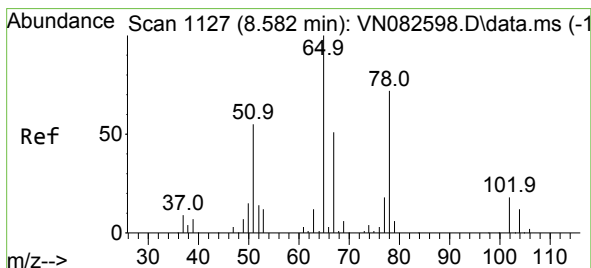
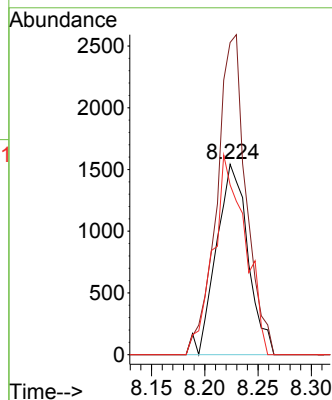
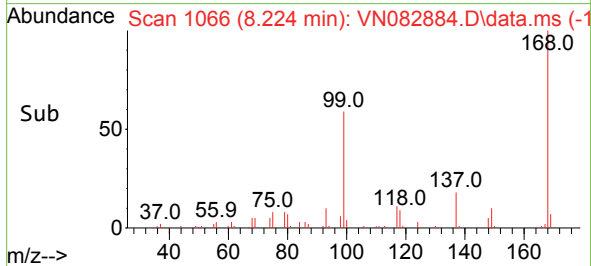


#31
Cyclohexane
Concen: 1.453 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VPB196-HYD-20240710

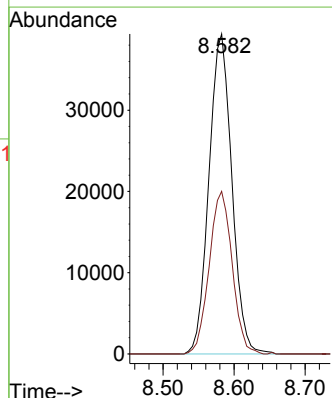
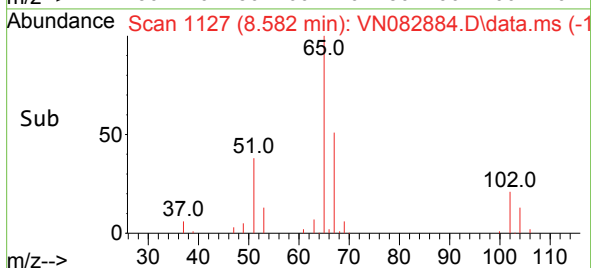
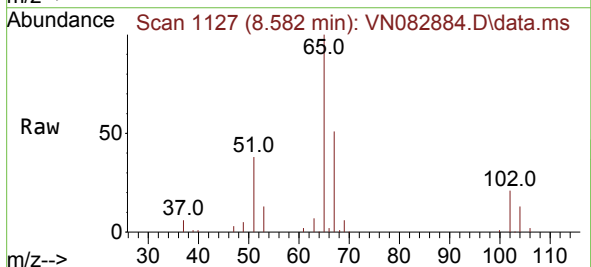


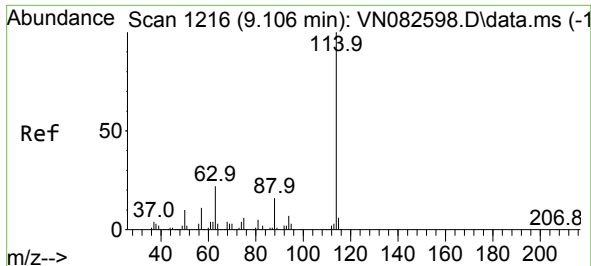
Tgt Ion: 56 Resp: 3181
Ion Ratio Lower Upper
56 100
69 164.0 24.5 36.7#
84 89.2 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 52.633 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

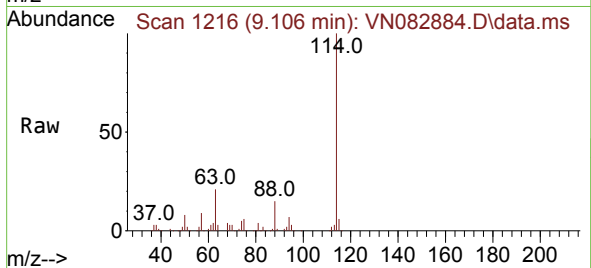
Tgt Ion: 65 Resp: 88128
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4



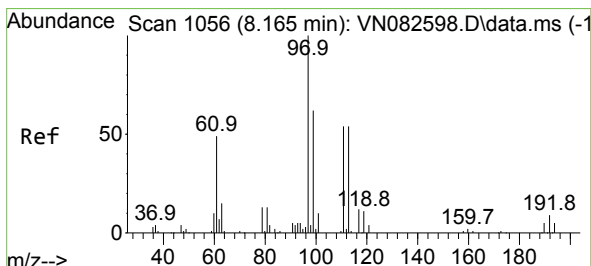
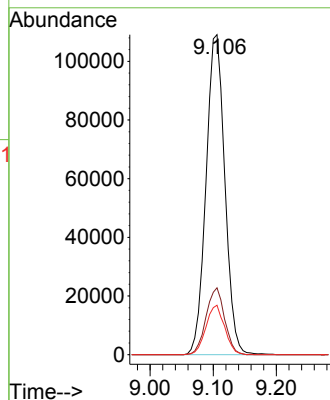
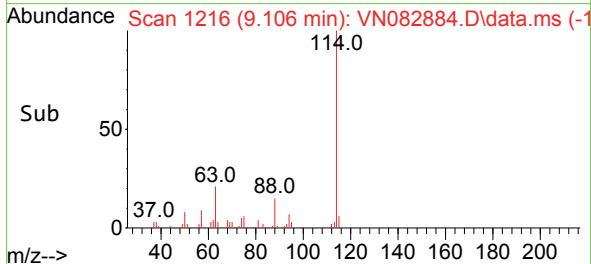


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VPB196-HYD-20240710

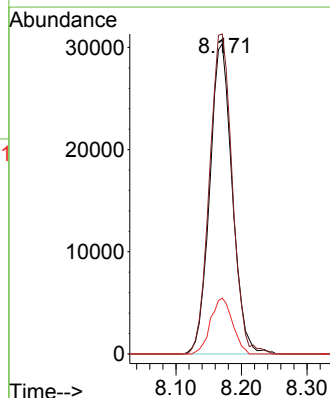
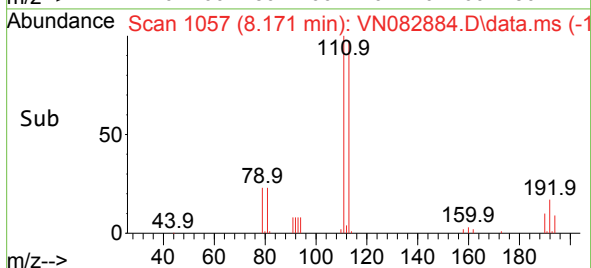
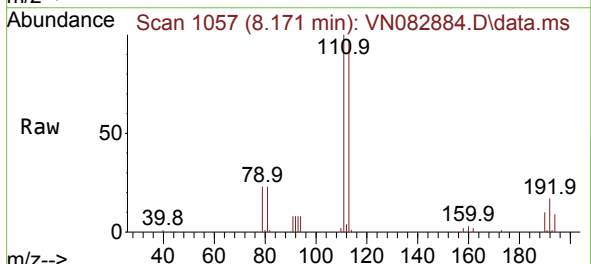


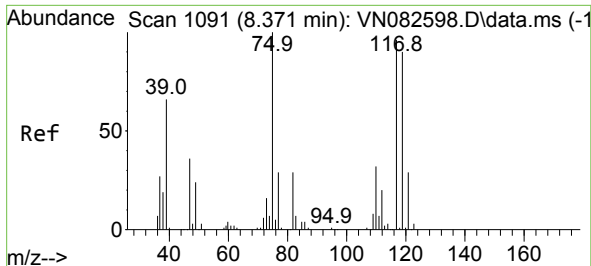
Tgt Ion:114 Resp: 225671
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.6
88 15.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.962 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

Tgt Ion:113 Resp: 72348
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 17.5 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.262 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082884.D

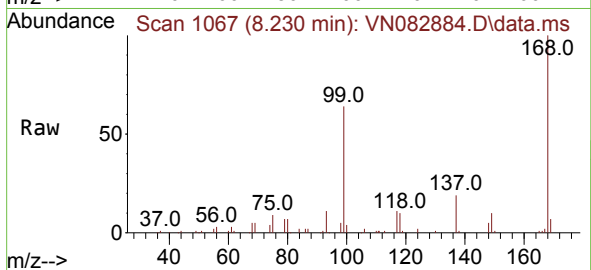
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Instrument :

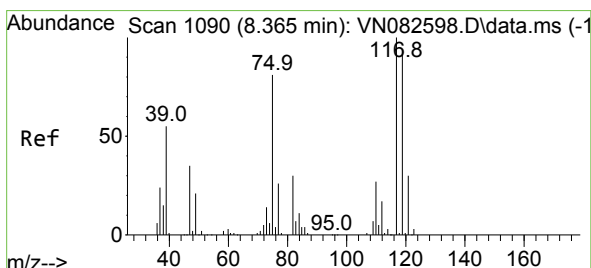
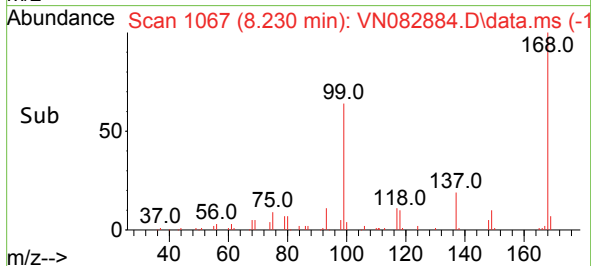
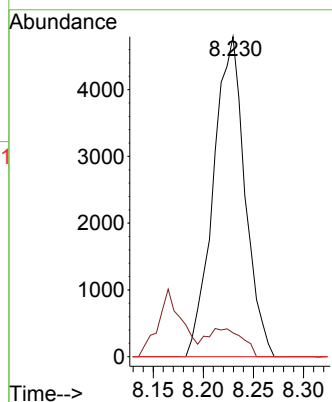
MSVOA_N

ClientSampleId :

VPB196-HYD-20240710



Tgt Ion:	75	Resp:	10506
Ion	Ratio	Lower	Upper
75	100		
110	9.9	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.403 ug/l

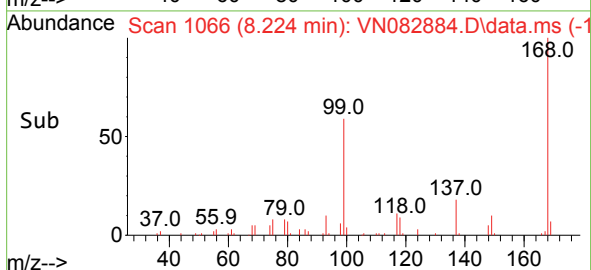
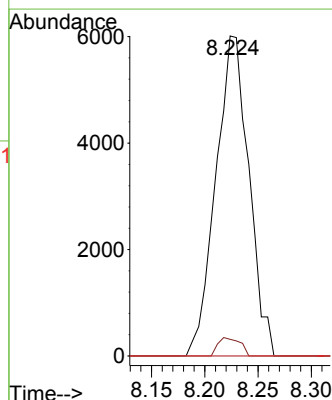
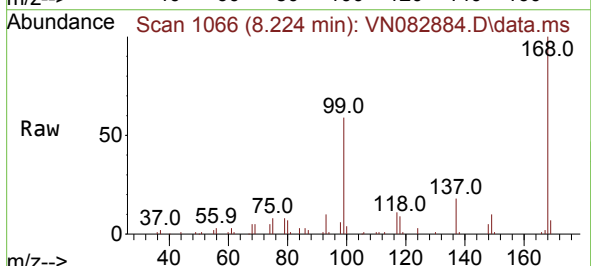
RT: 8.224 min Scan# 1066

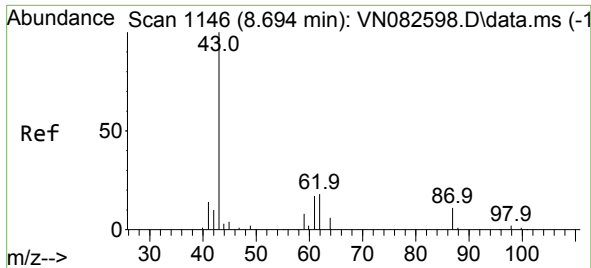
Delta R.T. -0.141 min

Lab File: VN082884.D

Acq: 11 Jul 2024 18:22

Tgt Ion:	117	Resp:	12987
Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.9	112.3#
121	0.0	24.3	36.5#

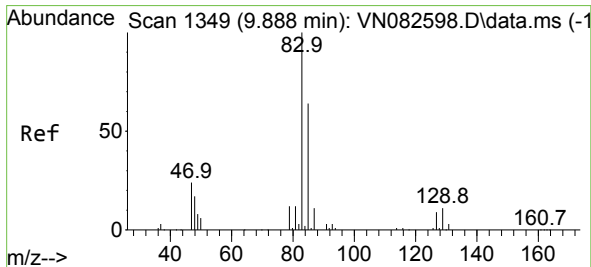
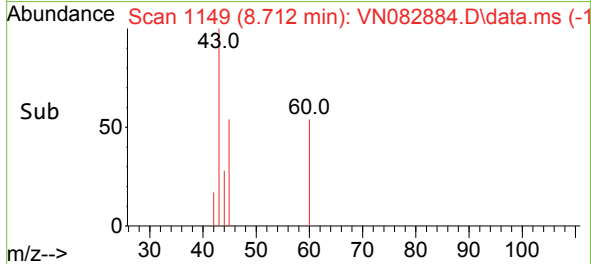
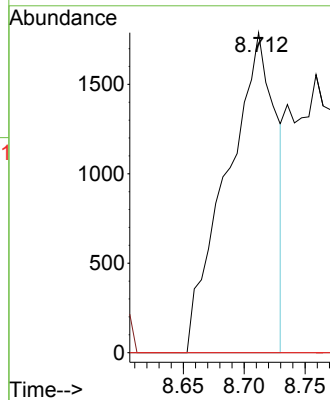
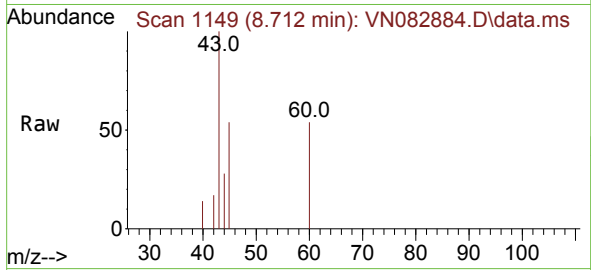




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

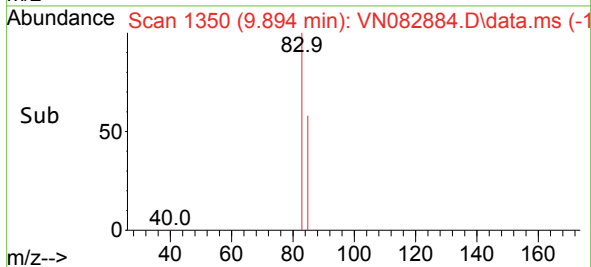
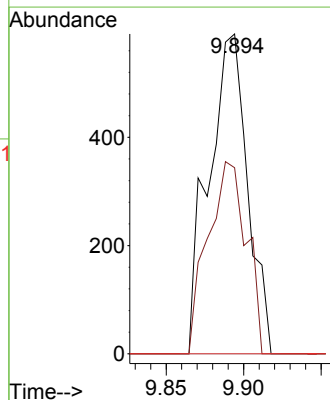
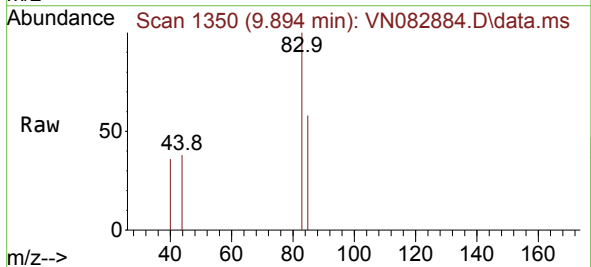
Instrument :
MSVOA_N
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VPB196-HYD-20240710

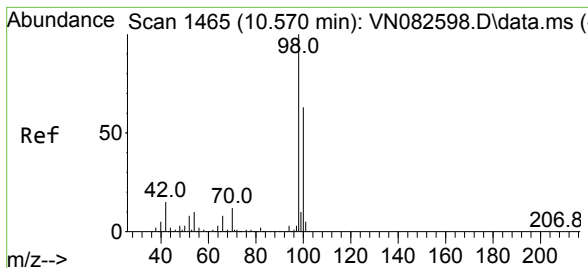
Tgt Ion: 43 Resp: 5011
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#47
Bromodichloromethane
Concen: 0.447 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

Tgt Ion: 83 Resp: 1031
Ion Ratio Lower Upper
83 100
85 58.2 51.1 76.7
127 0.0 7.2 10.8#





#50

Toluene-d8

Concen: 49.406 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082884.D

Acq: 11 Jul 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

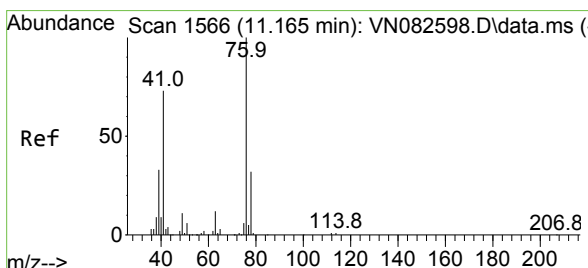
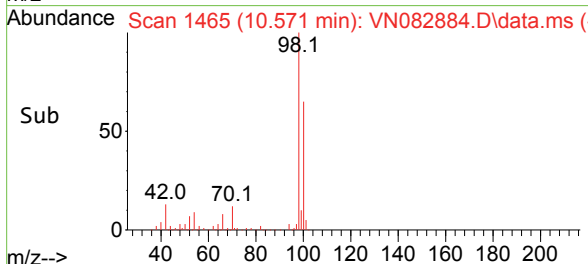
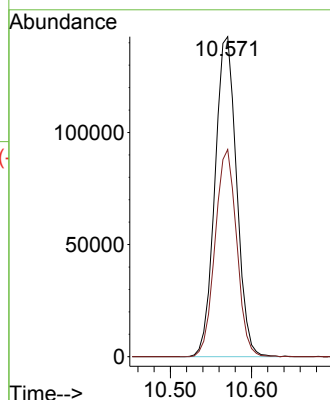
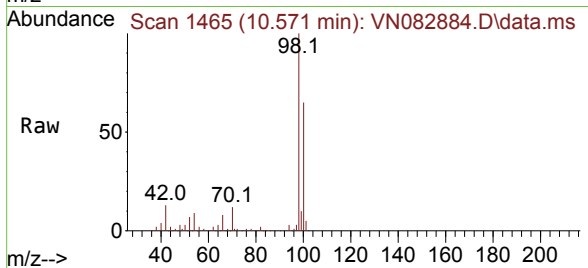
VPB196-HYD-20240710

Tgt Ion: 98 Resp: 264247

Ion Ratio Lower Upper

98 100

100 64.6 51.5 77.3



#57

1,3-Dichloropropane

Concen: 0.221 ug/l

RT: 11.212 min Scan# 1574

Delta R.T. 0.047 min

Lab File: VN082884.D

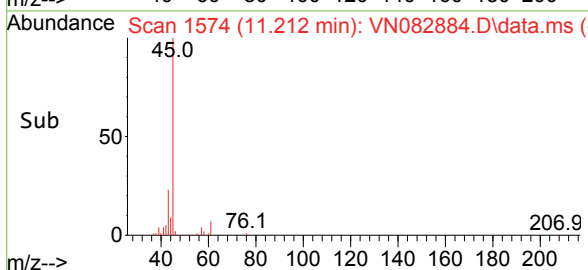
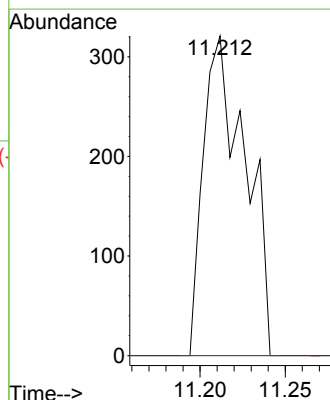
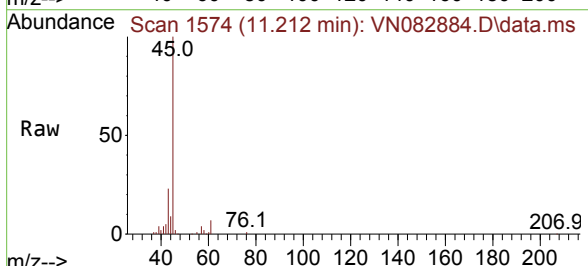
Acq: 11 Jul 2024 18:22

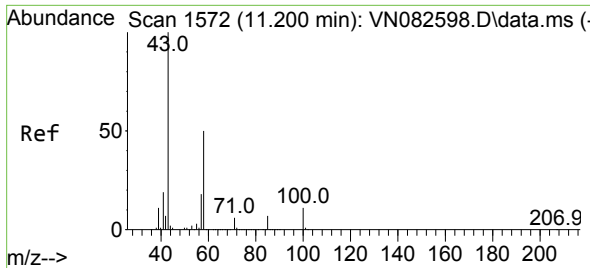
Tgt Ion: 76 Resp: 552

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#

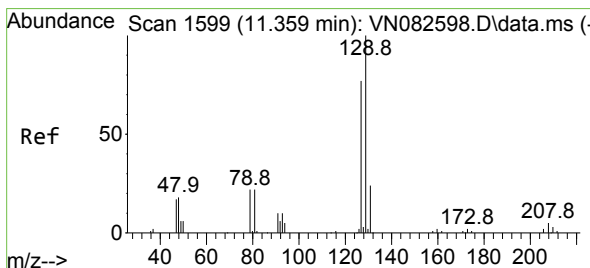
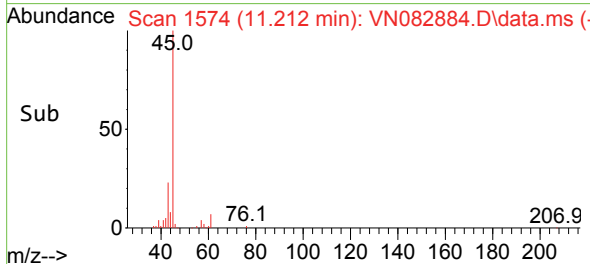
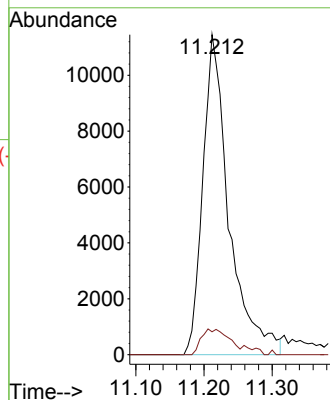
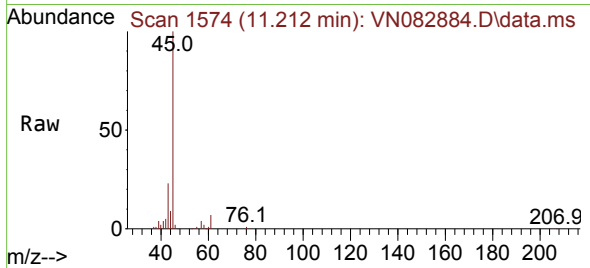




#59
2-Hexanone
Concen: 20.363 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.012 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

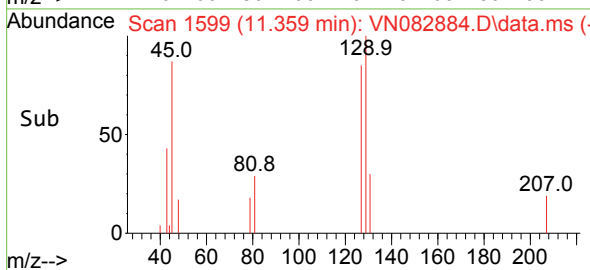
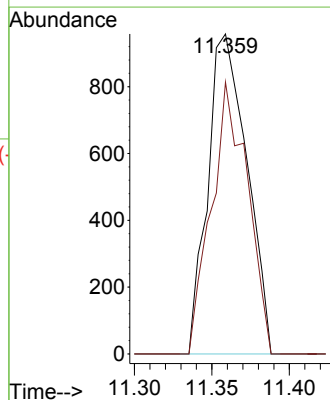
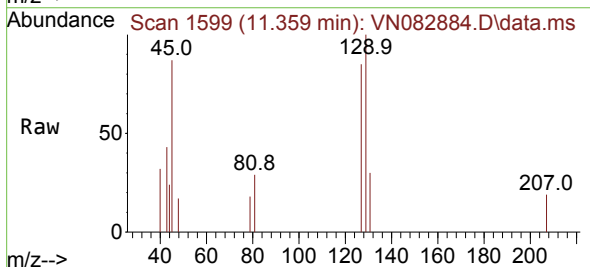
Instrument :
MSVOA_N
ClientSampleId :
VPB196-HYD-20240710

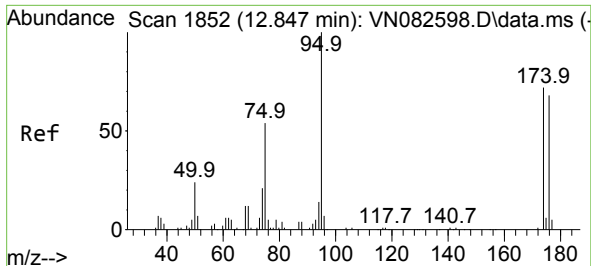
Tgt Ion: 43 Resp: 30508
Ion Ratio Lower Upper
43 100
58 8.5 24.6 73.8#



#60
Dibromochloromethane
Concen: 0.934 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

Tgt Ion: 129 Resp: 1679
Ion Ratio Lower Upper
129 100
127 78.8 39.2 117.6

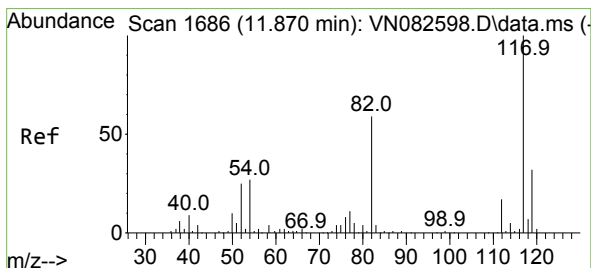
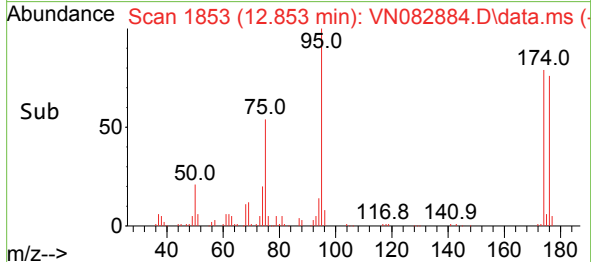
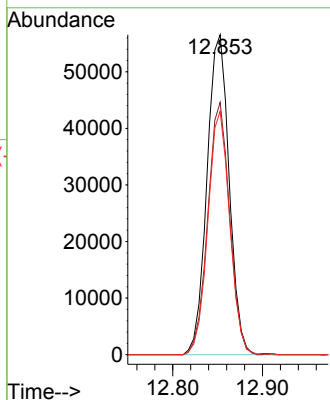
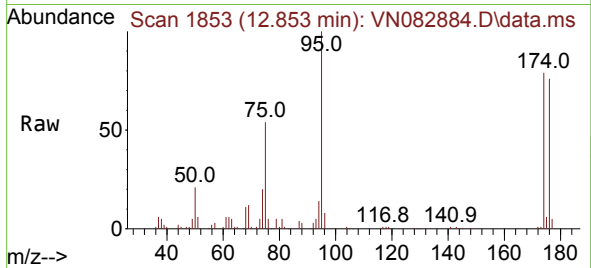




#62
4-Bromofluorobenzene
Concen: 50.376 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

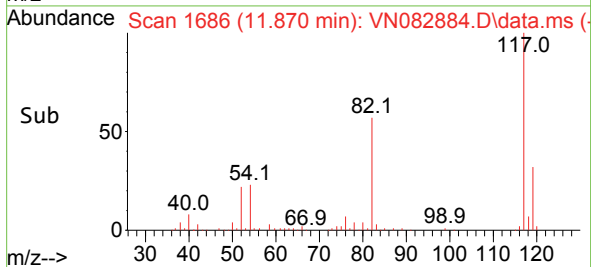
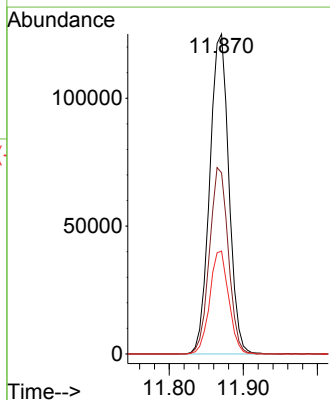
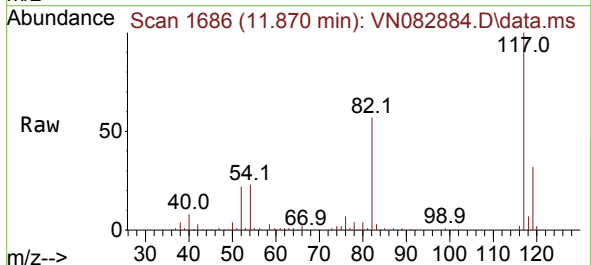
Instrument :
MSVOA_N
ClientSampleId :
VPB196-HYD-20240710

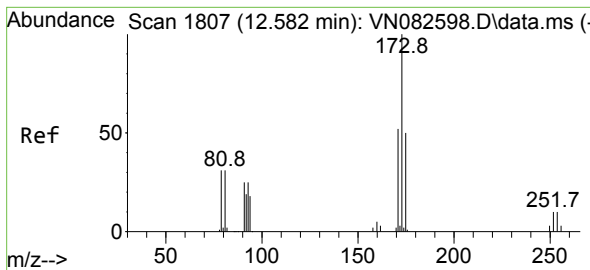
Tgt Ion: 95 Resp: 96783
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.2
176 74.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

Tgt Ion: 117 Resp: 223899
Ion Ratio Lower Upper
117 100
82 56.6 47.5 71.3
119 32.2 25.6 38.4





#71

Bromoform

Concen: 0.645 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN082884.D

Acq: 11 Jul 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

VPB196-HYD-20240710

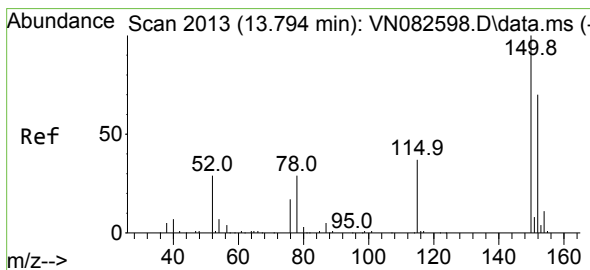
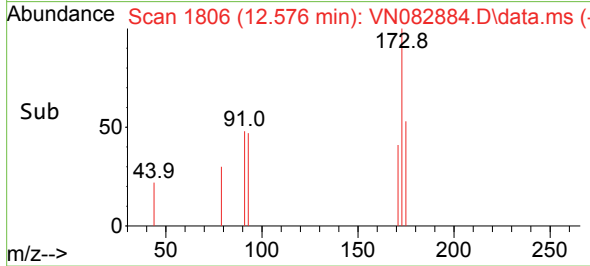
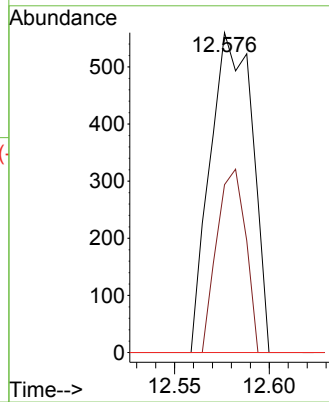
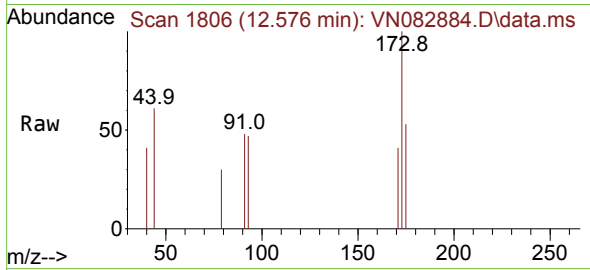
Tgt Ion:173 Resp: 866

Ion Ratio Lower Upper

173 100

175 39.4 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: VN082884.D

Acq: 11 Jul 2024 18:22

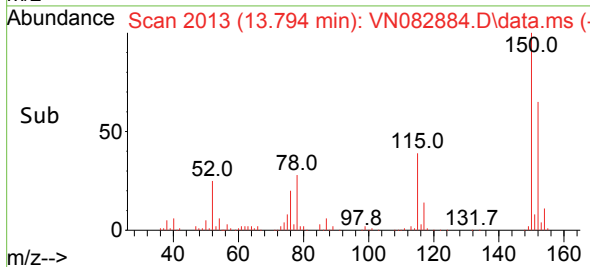
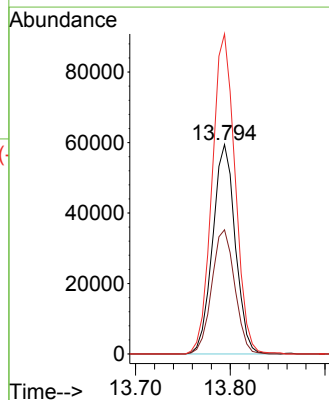
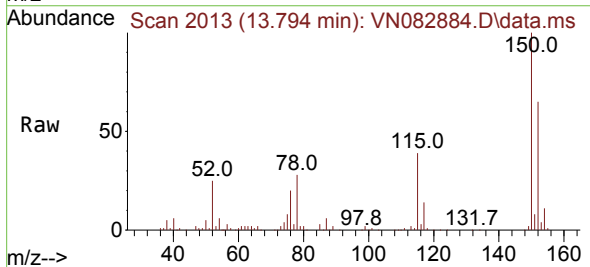
Tgt Ion:152 Resp: 98631

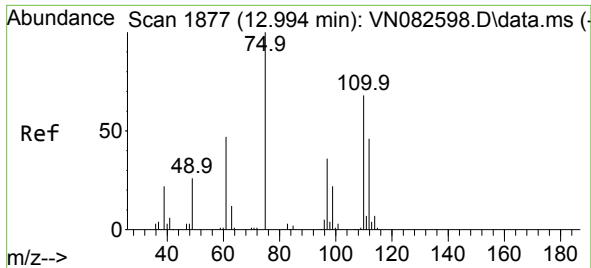
Ion Ratio Lower Upper

152 100

115 60.2 30.6 91.6

150 155.3 0.0 348.6

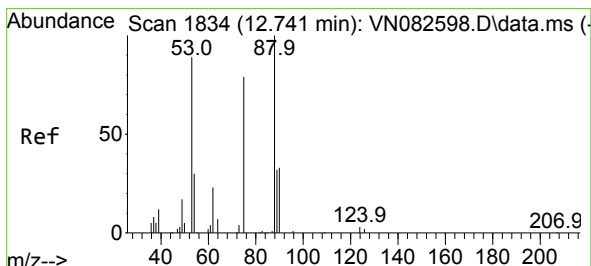
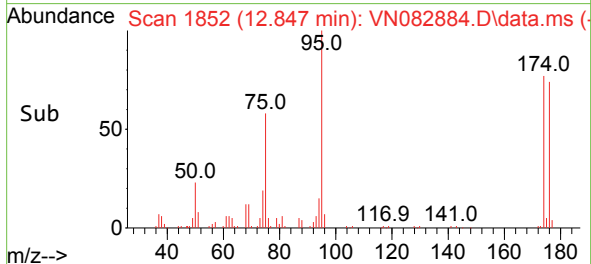
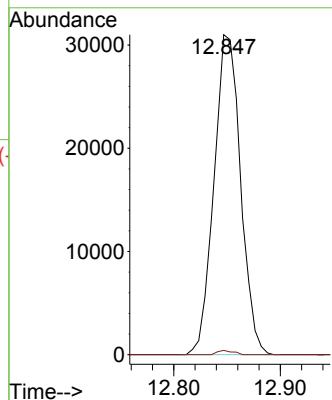
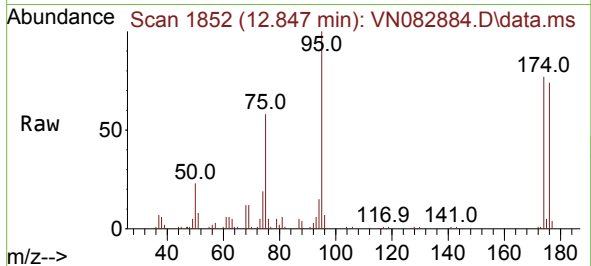




#76
1,2,3-Trichloropropane
Concen: 31.589 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VPB196-HYD-20240710

Tgt Ion: 75 Resp: 53715
Ion Ratio Lower Upper
75 100
77 0.8 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.126 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082884.D
Acq: 11 Jul 2024 18:22

Tgt Ion: 75 Resp: 53715
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

