

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082896.D
 Acq On : 12 Jul 2024 13:51
 Operator : JC\MD
 Sample : P3229-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240709

Quant Time: Jul 15 01:11:16 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)

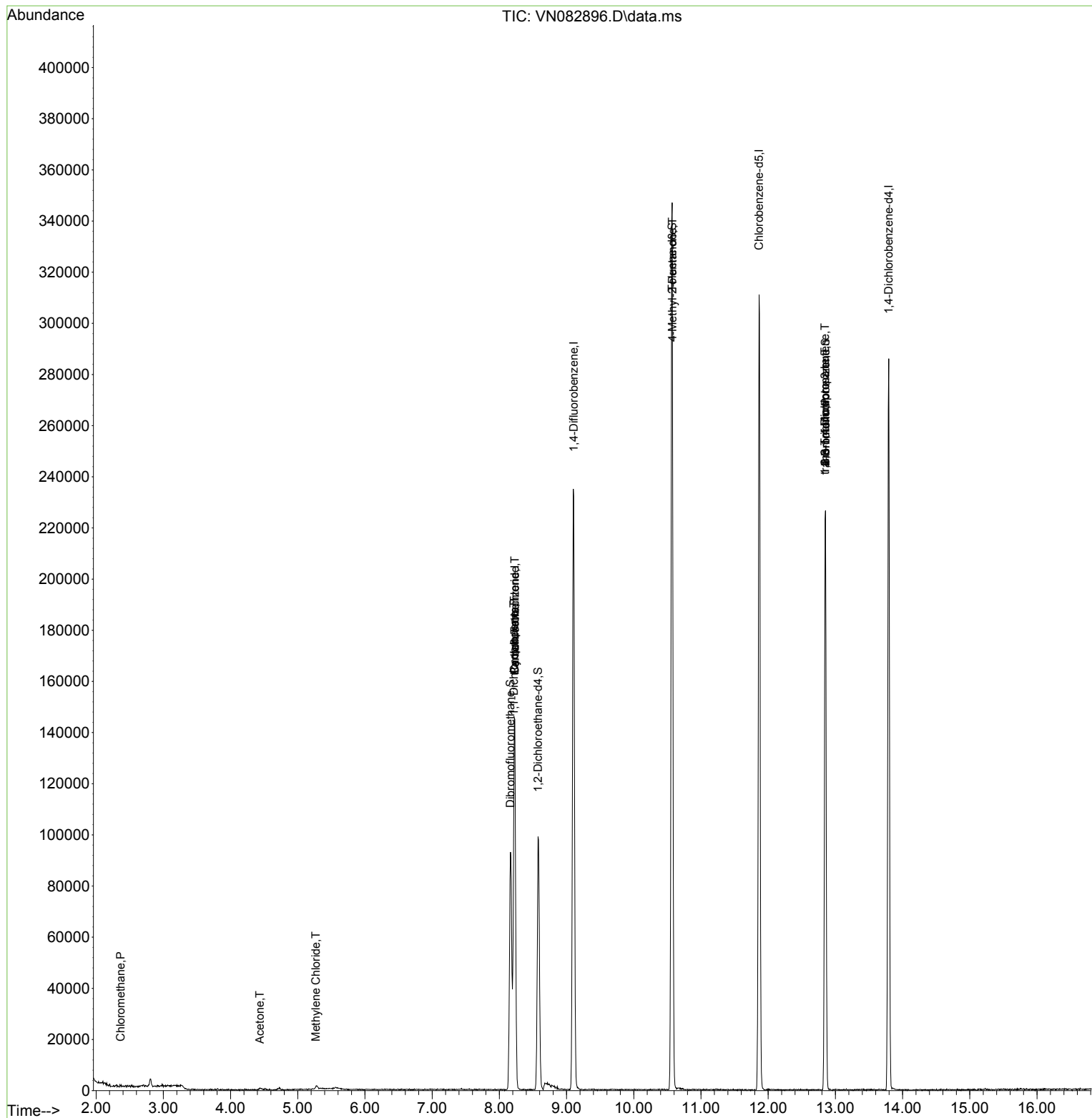
Internal Standards						
1) Pentafluorobenzene	8.230	168	104333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	198275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	178191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	81650	55.828	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.660%			
35) Dibromofluoromethane	8.165	113	66479	52.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.500%			
50) Toluene-d8	10.571	98	237154	50.468	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.940%			
62) 4-Bromofluorobenzene	12.853	95	76356	45.235	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 90.480%			
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	442	0.345	ug/l #	43
16) Acetone	4.436	43	1108	2.152	ug/l #	48
20) Methylene Chloride	5.271	84	925	0.744	ug/l #	74
31) Cyclohexane	8.224	56	2816	1.473	ug/l #	21
36) 1,1-Dichloropropene	8.218	75	9379	5.347	ug/l #	49
38) Carbon Tetrachloride	8.230	117	11664	5.523	ug/l #	19
43) Isopropyl Acetate	8.682	43	1915	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.576	43	1068	0.603	ug/l #	1
71) Bromoform	12.853	173	664	0.622	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	41888	31.420	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	41888	61.795	ug/l #	6

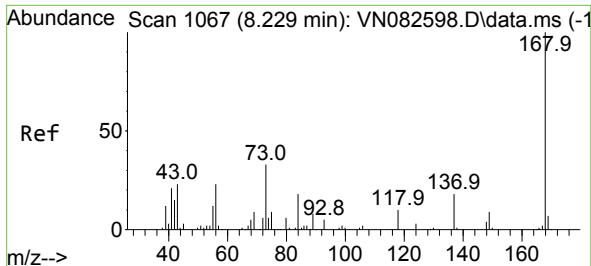
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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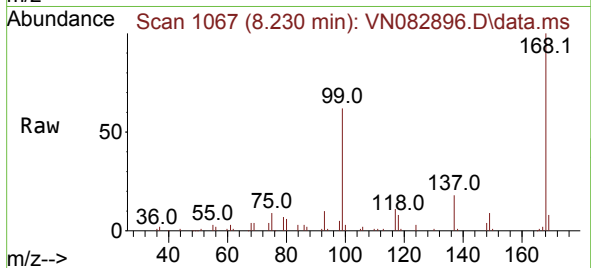
Quant Time: Jul 15 01:11:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



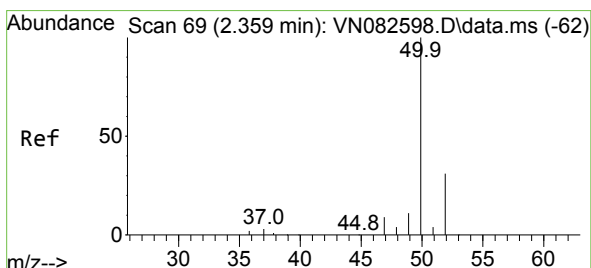
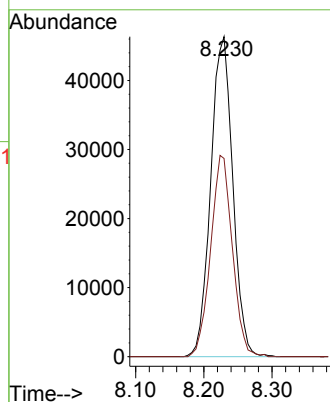
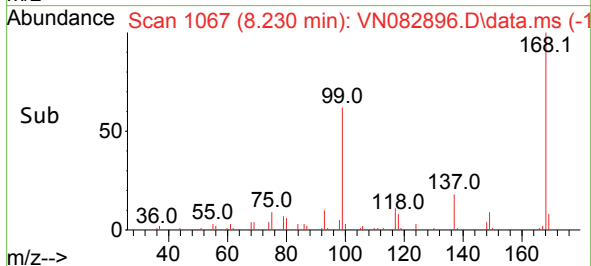


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240709

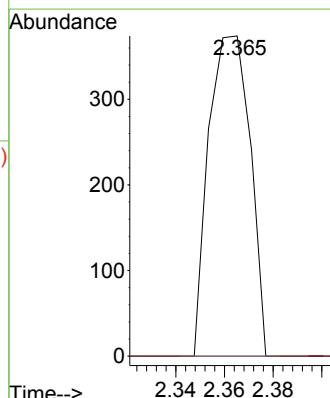
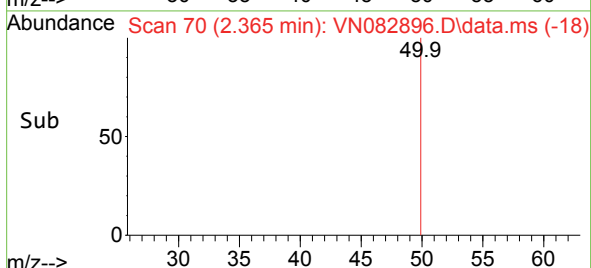
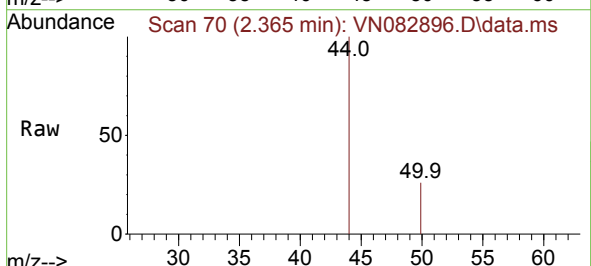


Tgt Ion:168 Resp: 104333
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#3
Chloromethane
Concen: 0.345 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

Tgt Ion: 50 Resp: 442
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

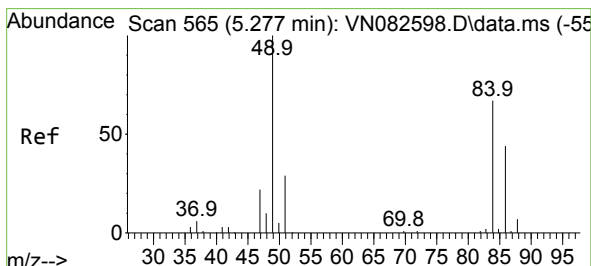
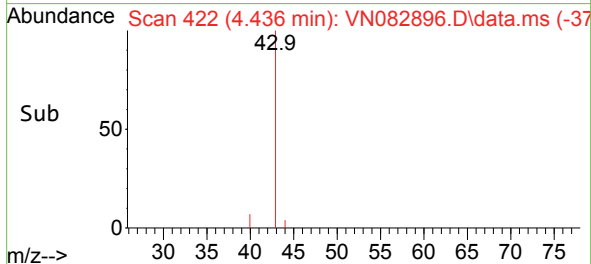
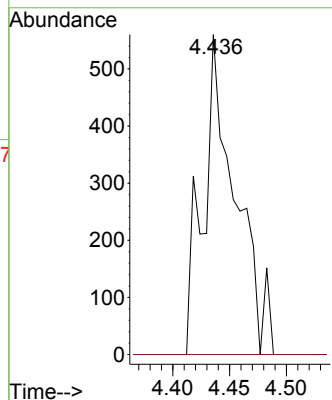
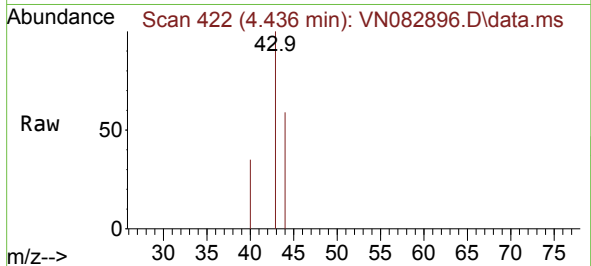




#16
Acetone
Concen: 2.152 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

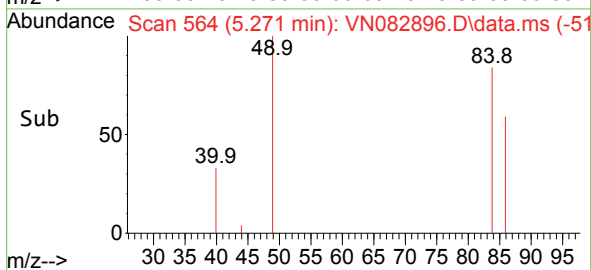
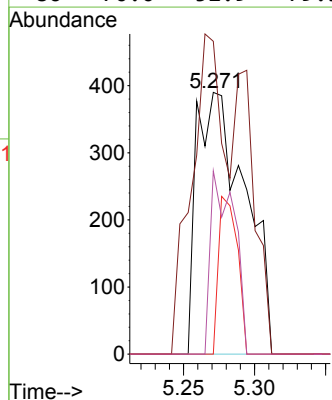
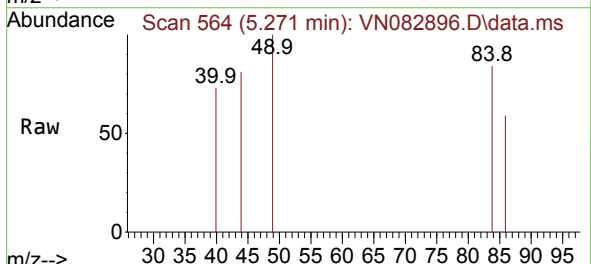
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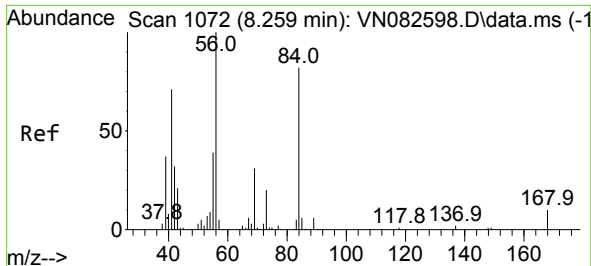
Tgt Ion: 43 Resp: 1108
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 0.744 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

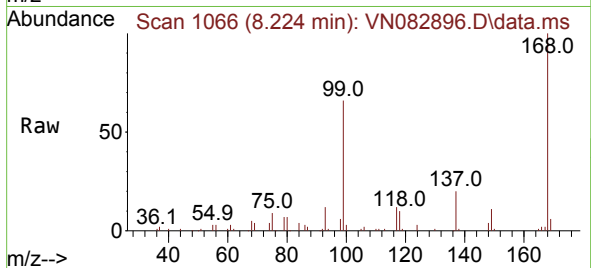
Tgt Ion: 84 Resp: 925
Ion Ratio Lower Upper
84 100
49 119.5 119.6 179.4#
51 0.0 34.8 52.2#
86 70.0 52.9 79.3



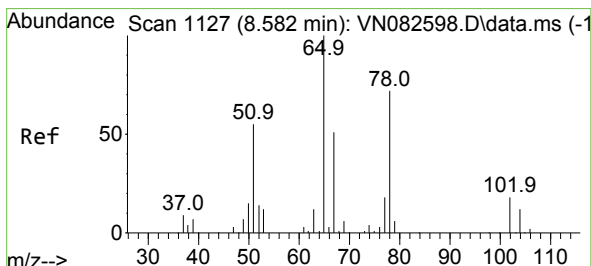
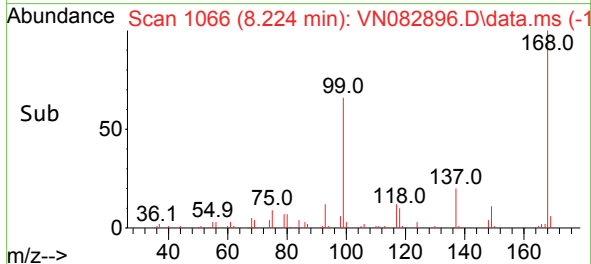
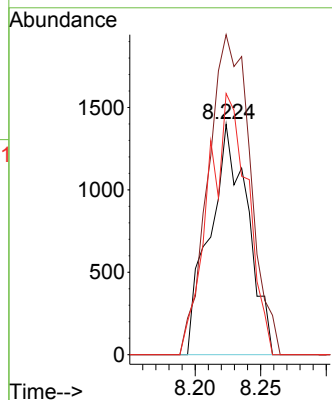


#31
Cyclohexane
Concen: 1.473 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240709

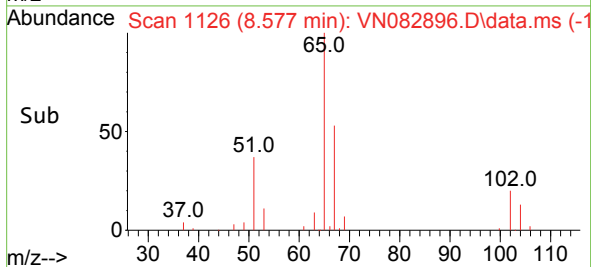
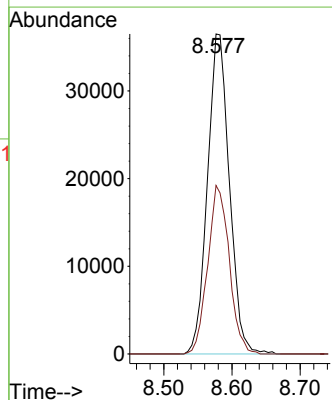
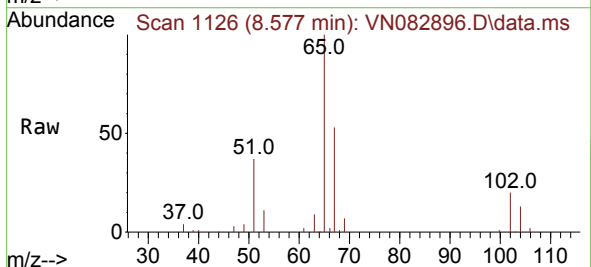


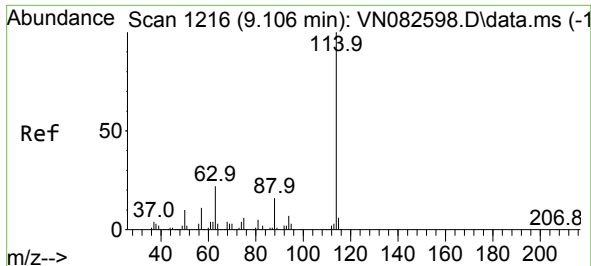
Tgt Ion: 56 Resp: 2816
Ion Ratio Lower Upper
56 100
69 138.9 24.5 36.7#
84 113.4 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 55.828 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

Tgt Ion: 65 Resp: 81650
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082896.D

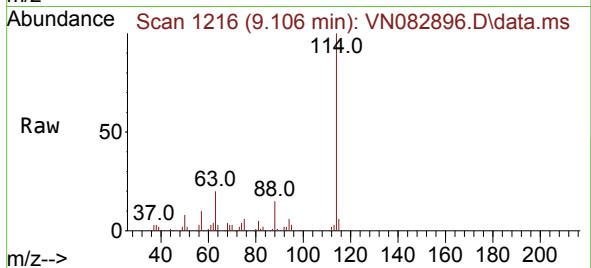
Acq: 12 Jul 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240709



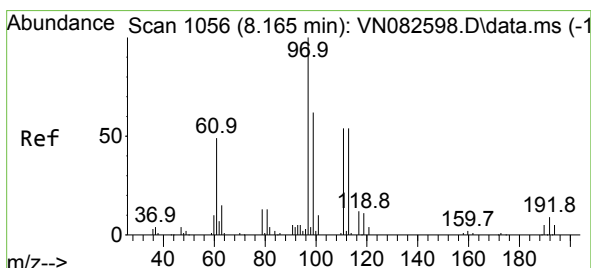
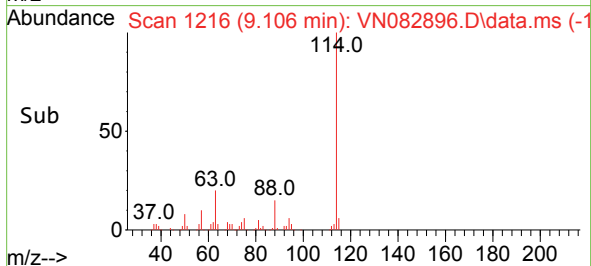
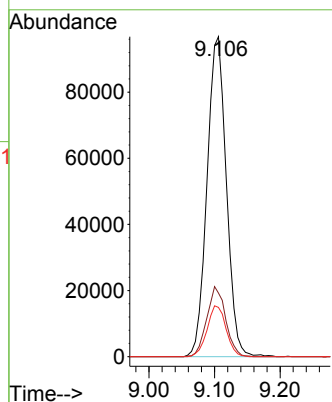
Tgt Ion:114 Resp: 198275

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.6

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.252 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082896.D

Acq: 12 Jul 2024 13:51

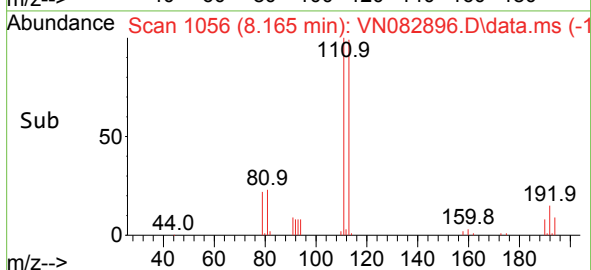
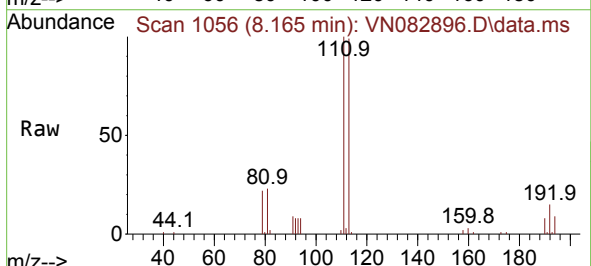
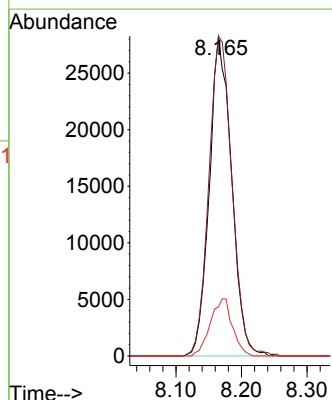
Tgt Ion:113 Resp: 66479

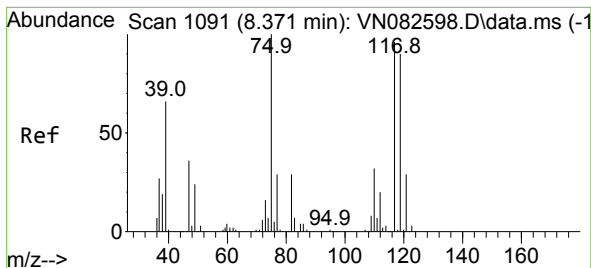
Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

192 17.8 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.347 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN082896.D

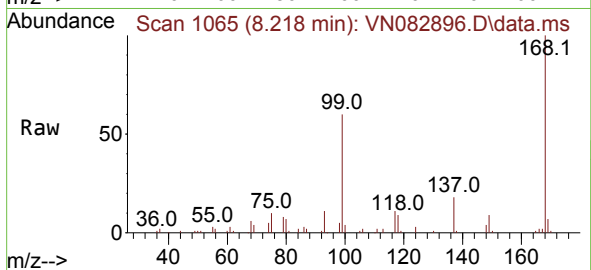
Acq: 12 Jul 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

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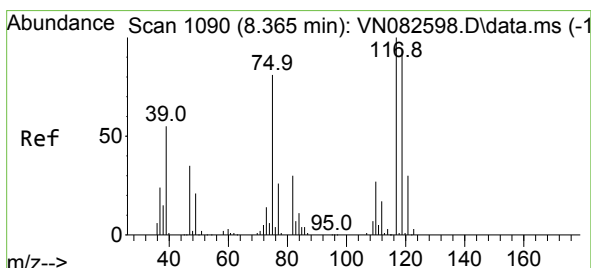
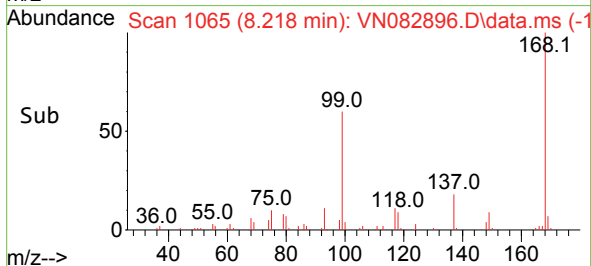
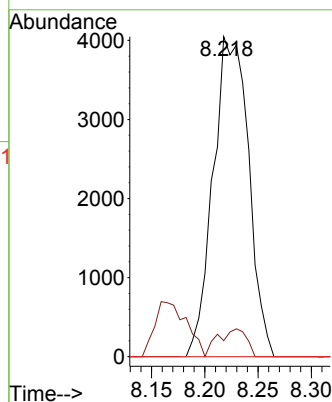
Tgt Ion: 75 Resp: 9379

Ion Ratio Lower Upper

75 100

110 7.0 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.523 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082896.D

Acq: 12 Jul 2024 13:51

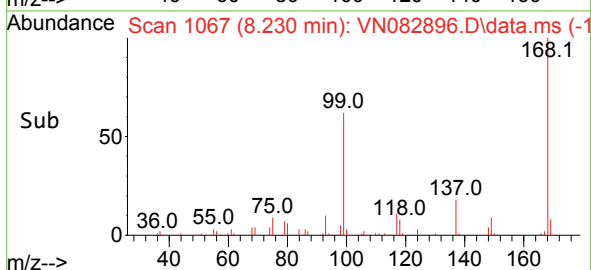
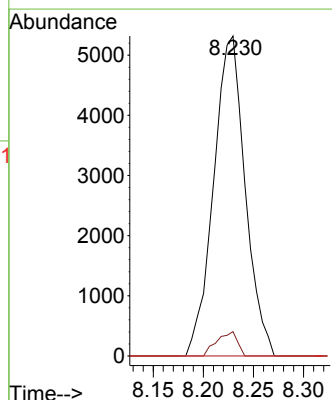
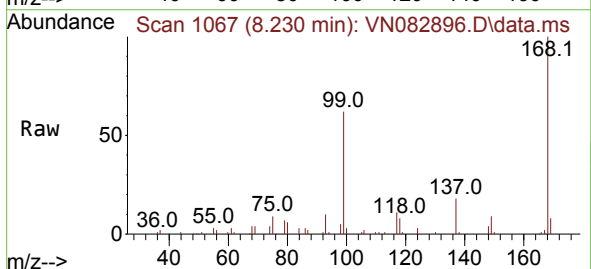
Tgt Ion: 117 Resp: 11664

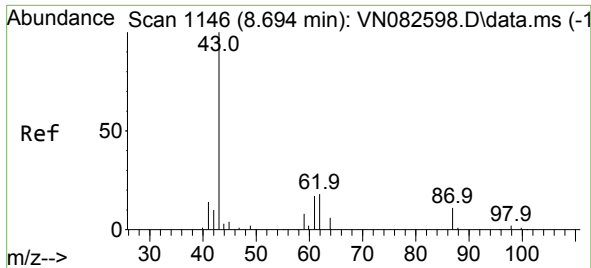
Ion Ratio Lower Upper

117 100

119 7.6 74.9 112.3#

121 0.0 24.3 36.5#

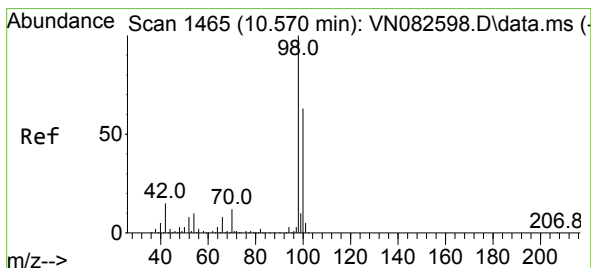
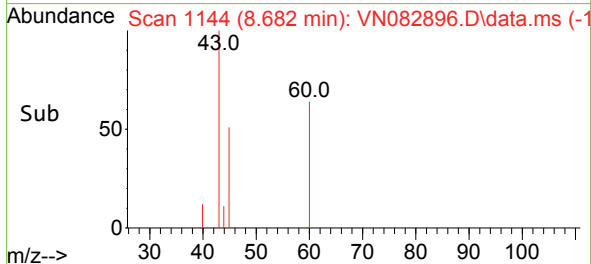
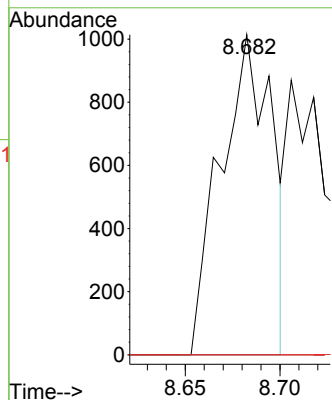
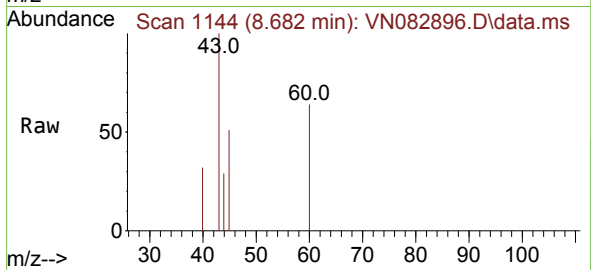




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

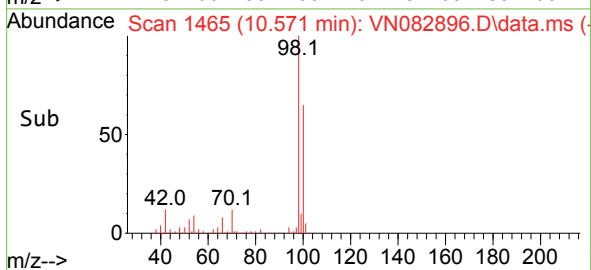
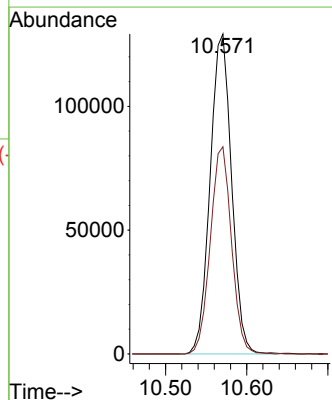
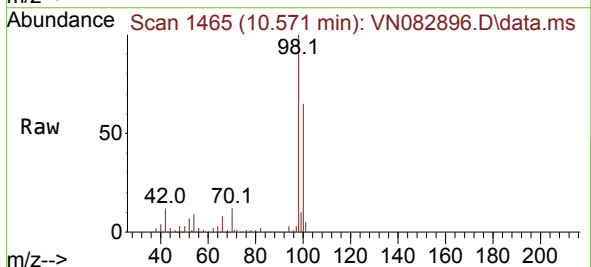
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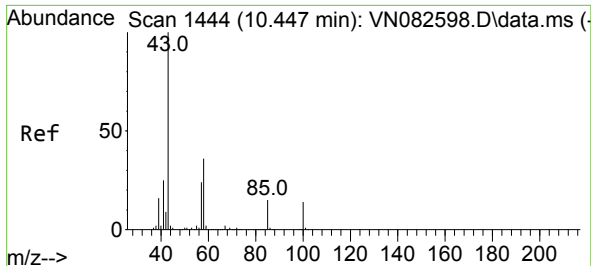
Tgt Ion: 43 Resp: 1915
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 50.468 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

Tgt Ion: 98 Resp: 237154
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

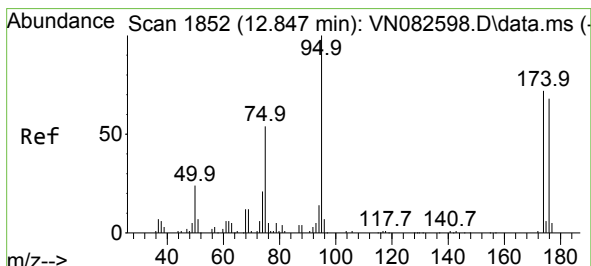
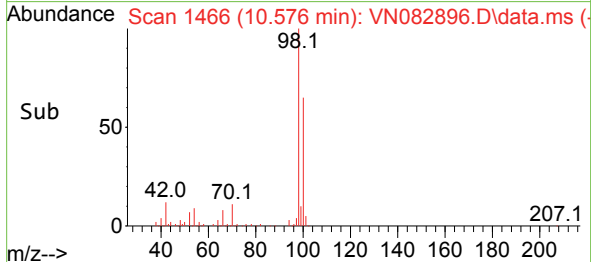
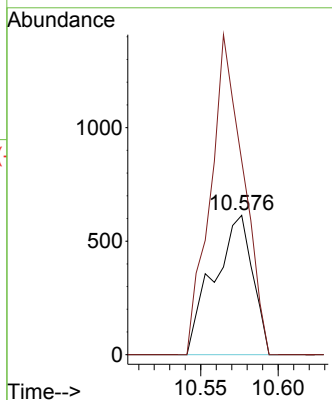
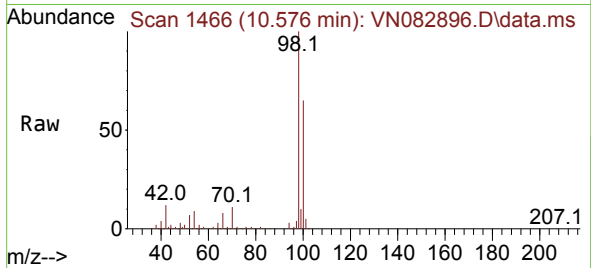




#51
4-Methyl-2-Pentanone
Concen: 0.603 ug/l
RT: 10.576 min Scan# 1444
Delta R.T. 0.129 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

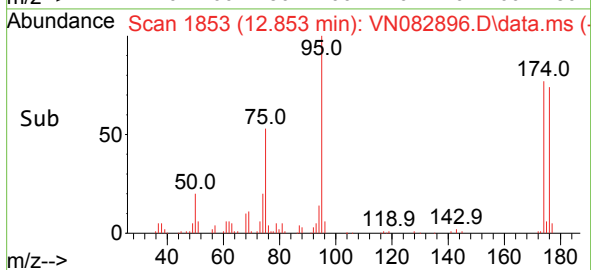
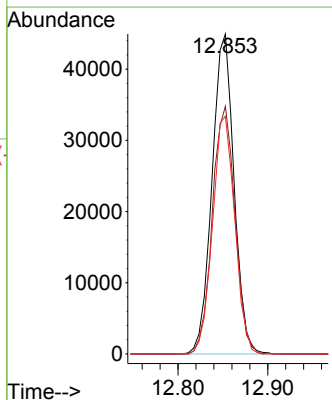
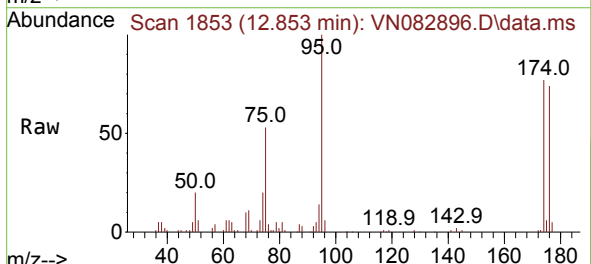
Instrument :
MSVOA_N
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BP-VPB-189-TB-20240709

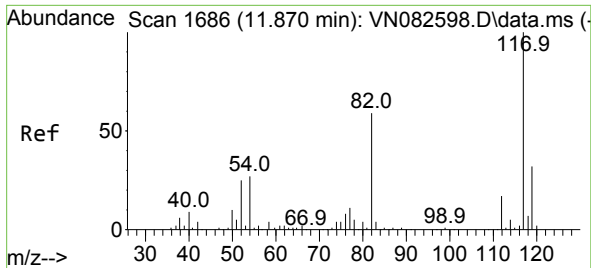
Tgt Ion: 43 Resp: 1068
Ion Ratio Lower Upper
43 100
58 195.4 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 45.235 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

Tgt Ion: 95 Resp: 76356
Ion Ratio Lower Upper
95 100
174 79.9 0.0 159.2
176 75.3 0.0 147.6

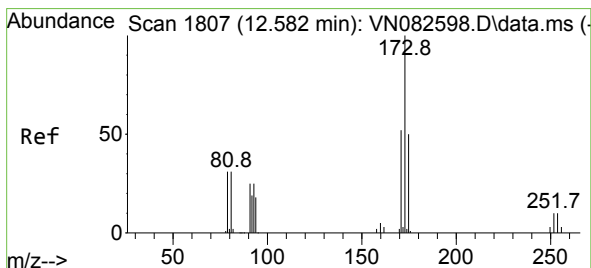
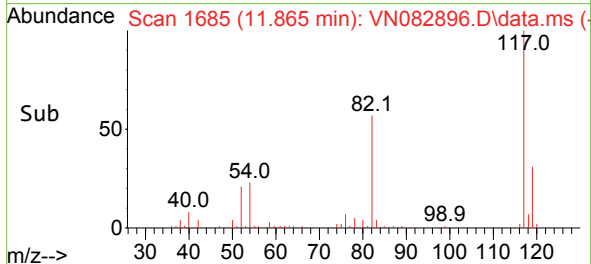
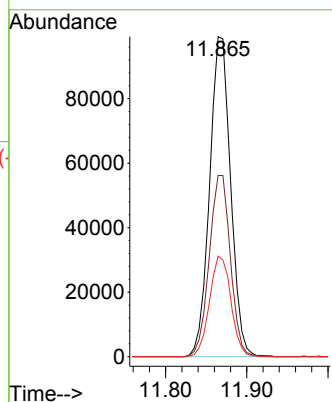
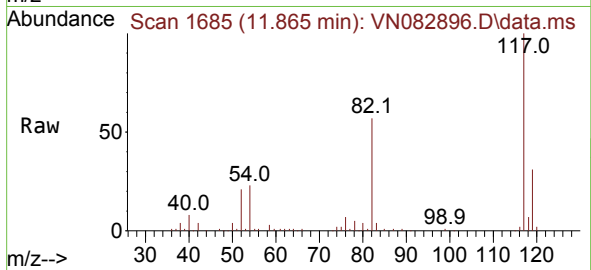




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

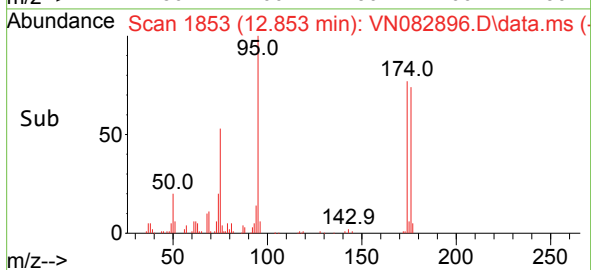
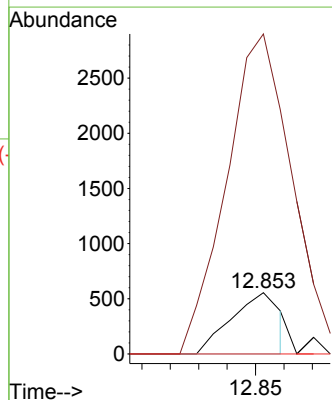
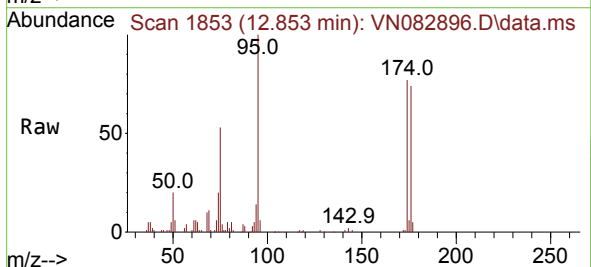
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240709

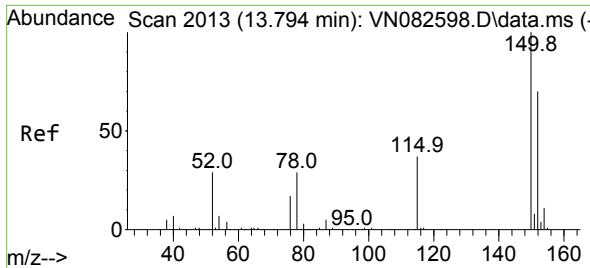
Tgt Ion:117 Resp: 178191
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 31.4 25.6 38.4



#71
Bromoform
Concen: 0.622 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

Tgt Ion:173 Resp: 664
Ion Ratio Lower Upper
173 100
175 580.4 24.0 72.0#
254 0.0 0.0 0.0

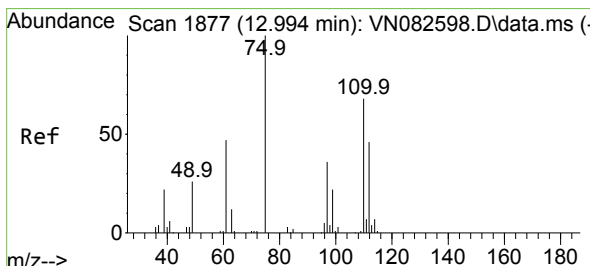
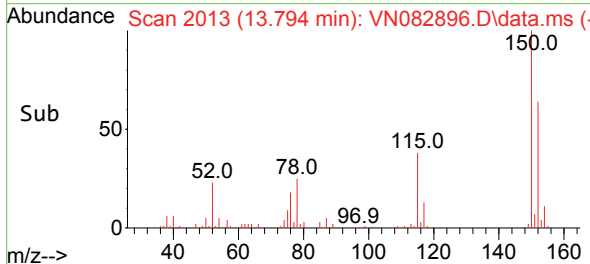
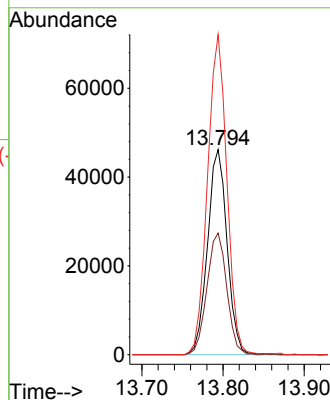
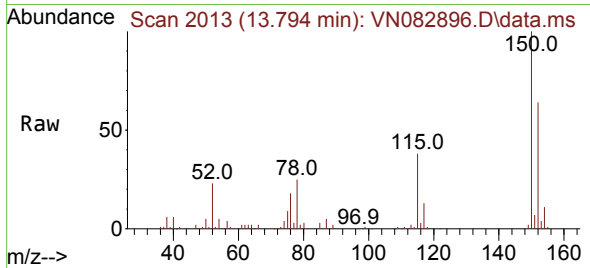




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

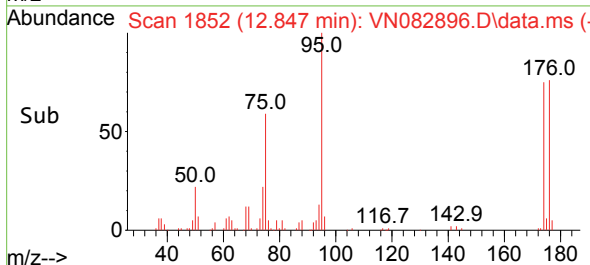
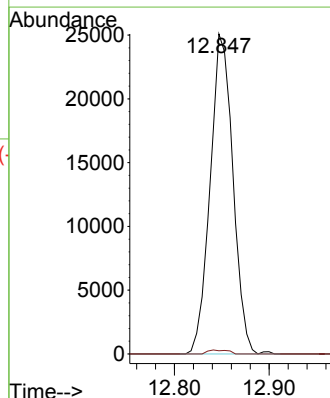
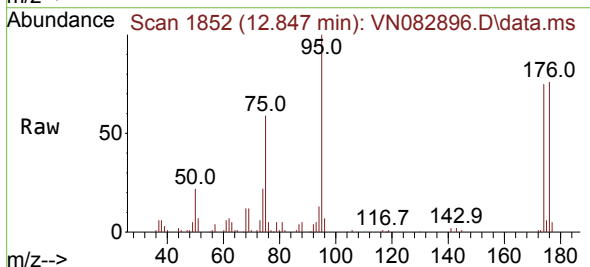
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240709

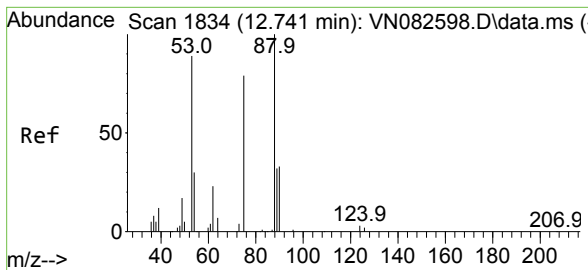
Tgt Ion:152 Resp: 77326
Ion Ratio Lower Upper
152 100
115 60.0 30.6 91.6
150 153.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 31.420 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082896.D
Acq: 12 Jul 2024 13:51

Tgt Ion: 75 Resp: 41888
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.795 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN082896.D
 Acq: 12 Jul 2024 13:51

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240709

Tgt Ion:	75	Resp:	41888
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

