

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082582.D
 Acq On : 14 Jun 2024 14:50
 Operator : JC\MD
 Sample : P2891-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-380-382

Quant Time: Jun 14 23:46:32 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)

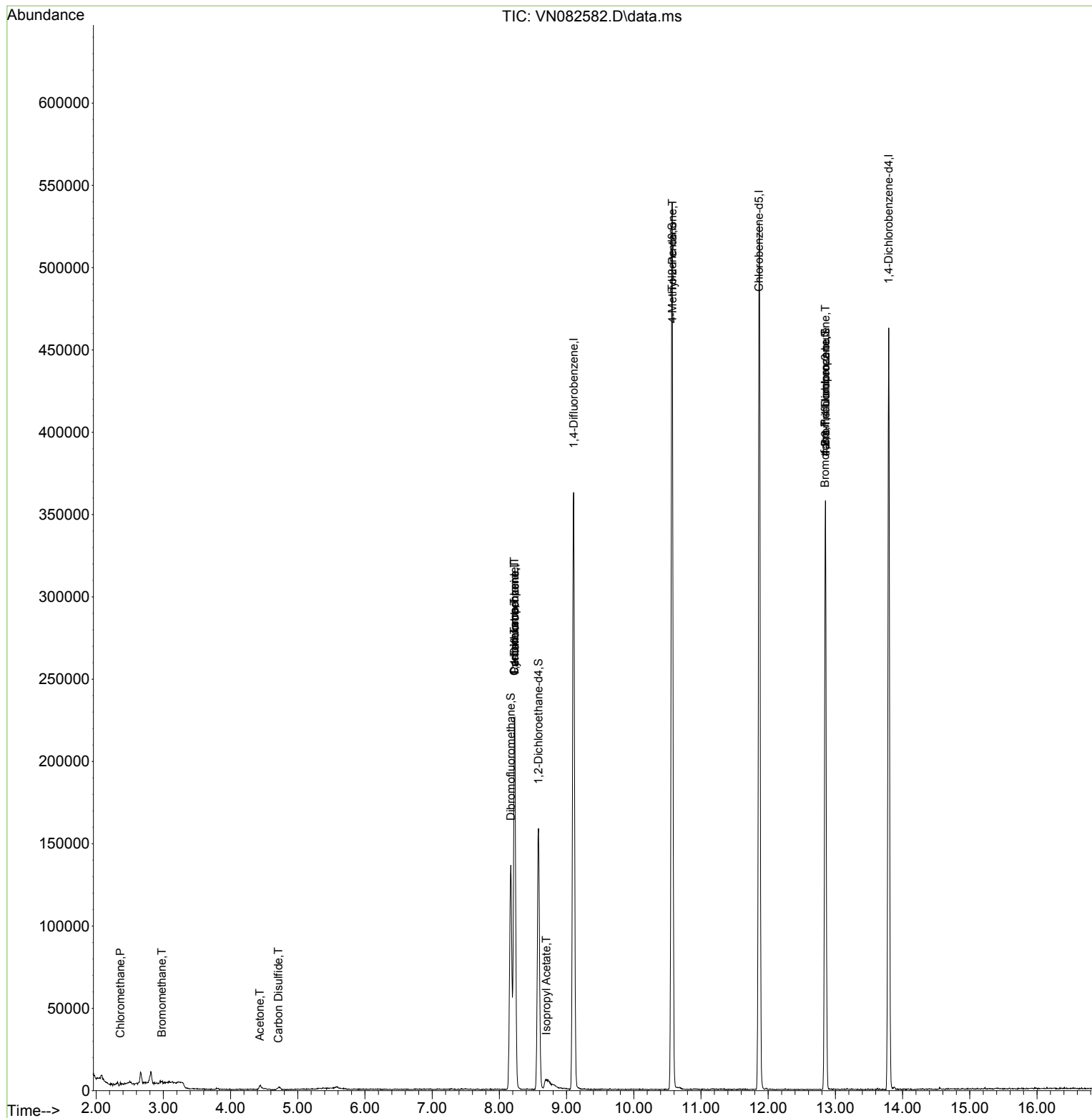
Internal Standards						
1) Pentafluorobenzene	8.230	168	156961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129908	52.415	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.820%	
35) Dibromofluoromethane	8.171	113	95207	53.433	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.860%	
50) Toluene-d8	10.571	98	350179	51.261	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.853	95	113868	46.701	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1129	0.440	ug/l #	80
5) Bromomethane	2.977	94	440	0.317	ug/l #	58
16) Acetone	4.436	43	4092	4.025	ug/l #	73
17) Carbon Disulfide	4.712	76	1650	0.298	ug/l #	74
31) Cyclohexane	8.224	56	4503	1.138	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	14700	4.919	ug/l #	49
38) Carbon Tetrachloride	8.224	117	17003	5.613	ug/l #	19
43) Isopropyl Acetate	8.700	43	4504	0.760	ug/l #	52
51) 4-Methyl-2-Pentanone	10.577	43	1997	0.593	ug/l #	1
71) Bromoform	12.847	173	595	1.063	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	65994	27.082	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65994	63.345	ug/l #	12

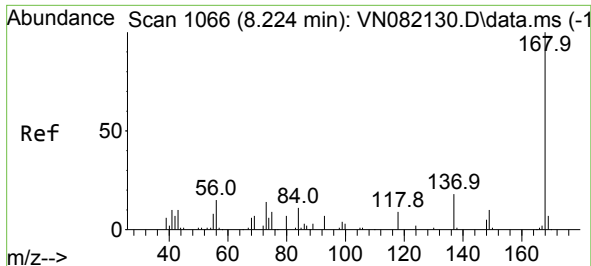
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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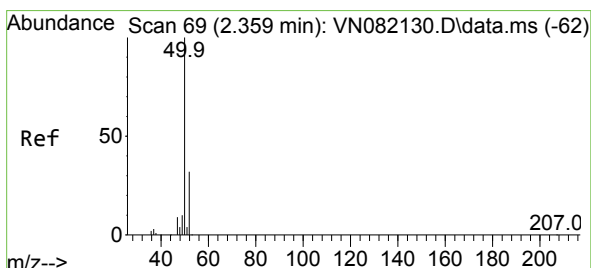
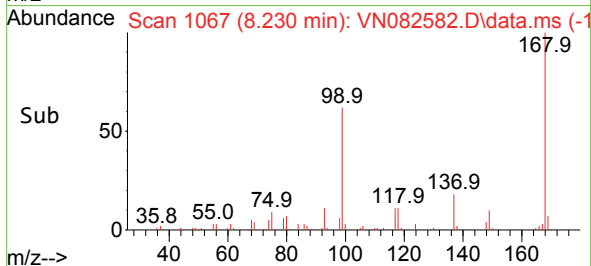
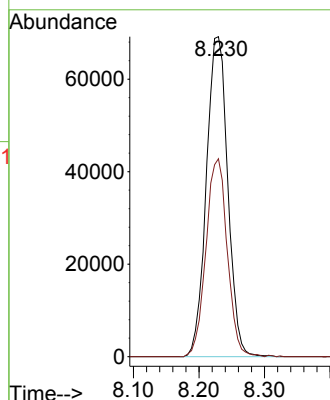
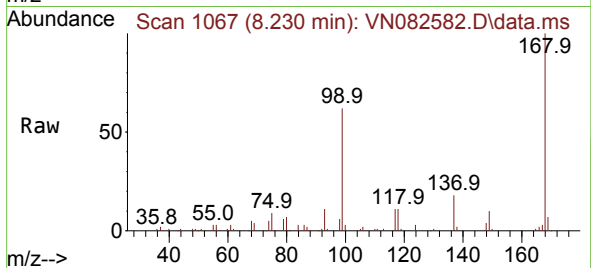




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

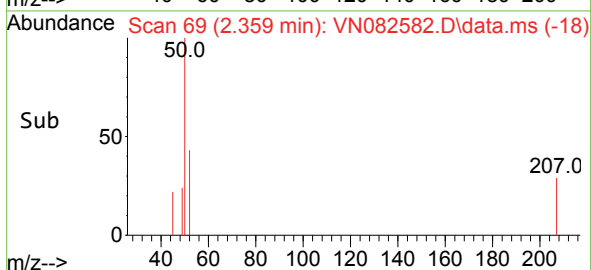
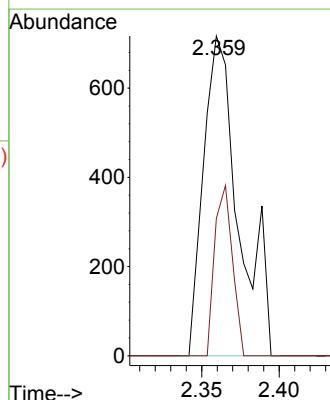
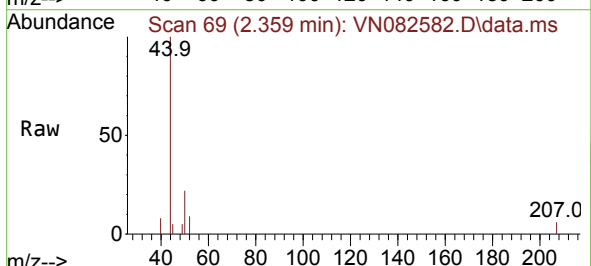
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-380-382

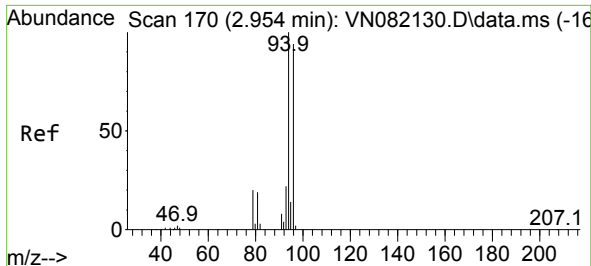
Tgt Ion:168 Resp: 156961
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#3
Chloromethane
Concen: 0.440 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

Tgt Ion: 50 Resp: 1129
Ion Ratio Lower Upper
50 100
52 43.0 25.5 38.3#

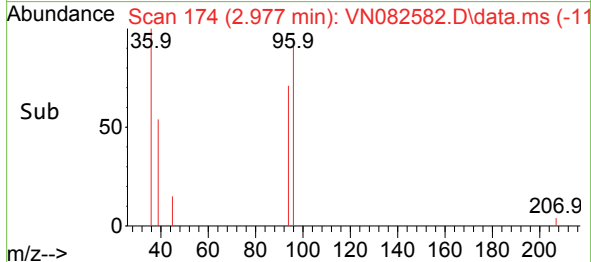
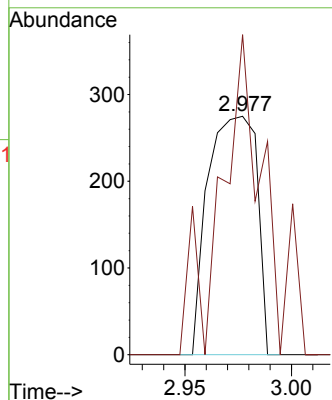
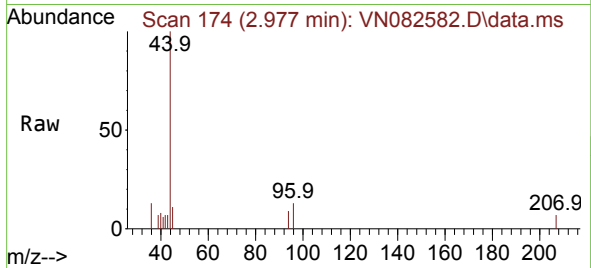




#5
Bromomethane
Concen: 0.317 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

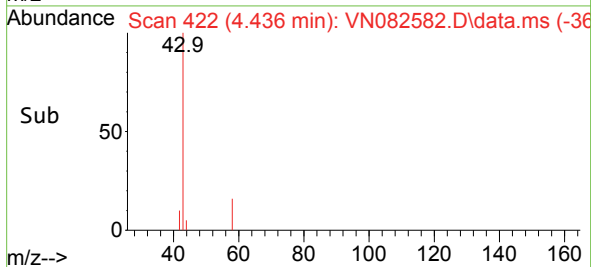
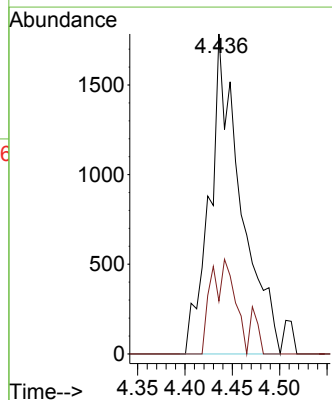
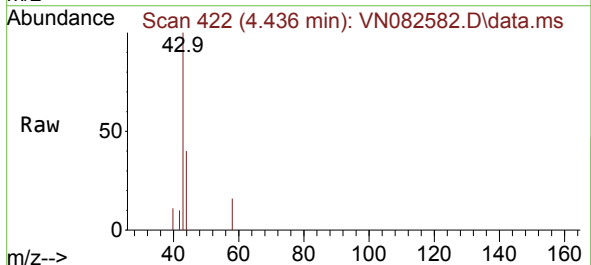
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-380-382

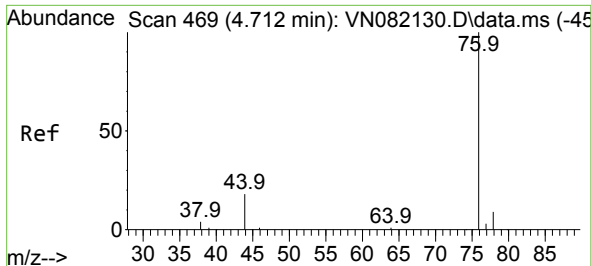
Tgt Ion: 94 Resp: 440
Ion Ratio Lower Upper
94 100
96 134.2 74.8 112.2#



#16
Acetone
Concen: 4.025 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

Tgt Ion: 43 Resp: 4092
Ion Ratio Lower Upper
43 100
58 16.5 25.2 37.8#

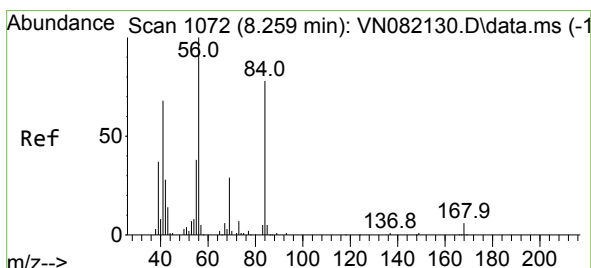
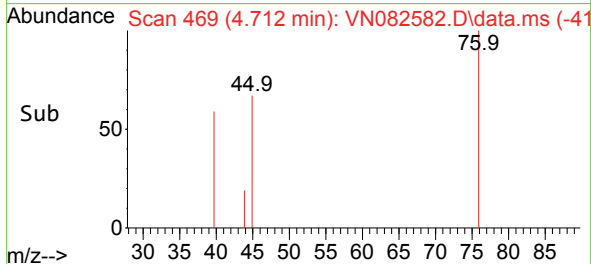
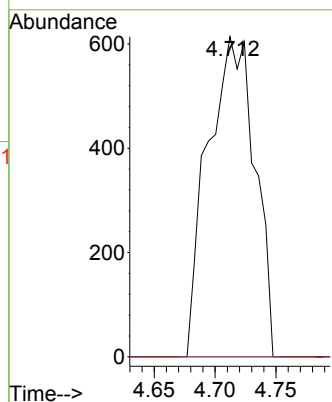
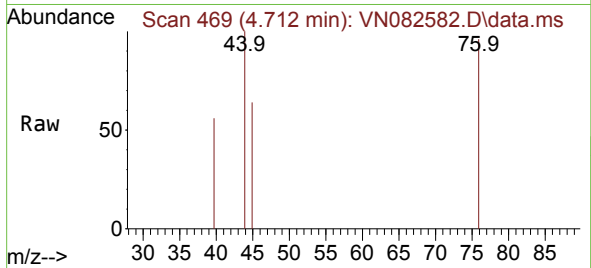




#17
Carbon Disulfide
Concen: 0.298 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

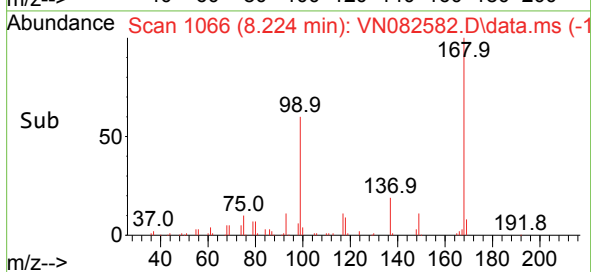
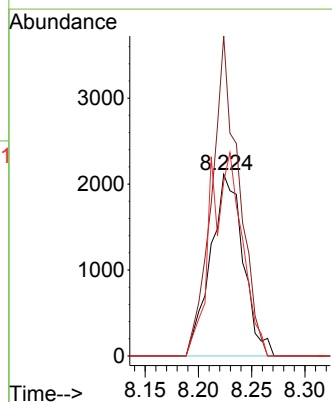
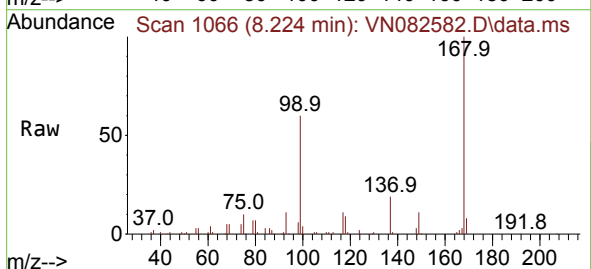
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-380-382

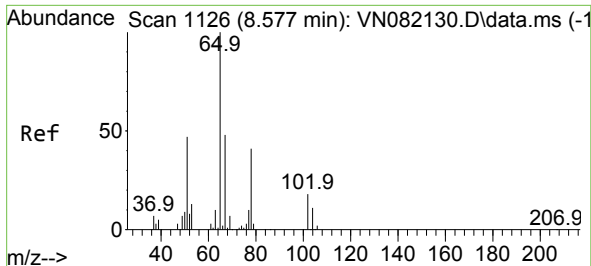
Tgt Ion: 76 Resp: 1650
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

Tgt Ion: 56 Resp: 4503
Ion Ratio Lower Upper
56 100
69 176.2 24.4 36.6#
84 96.0 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 52.415 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082582.D

Acq: 14 Jun 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

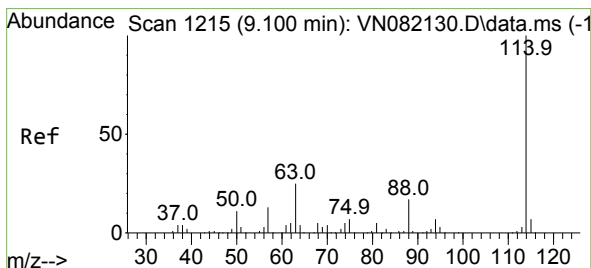
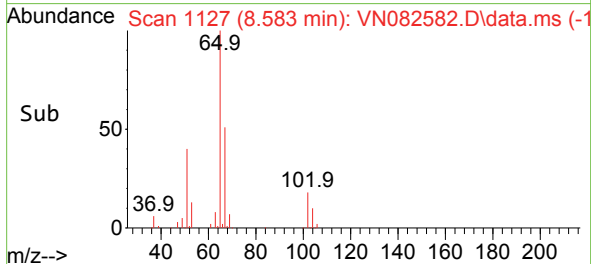
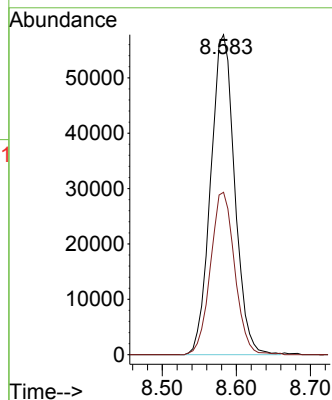
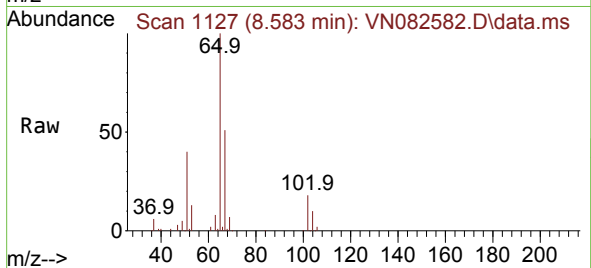
BP-VPB-196-GW-380-382

Tgt Ion: 65 Resp: 129908

Ion Ratio Lower Upper

65 100

67 51.2 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: VN082582.D

Acq: 14 Jun 2024 14:50

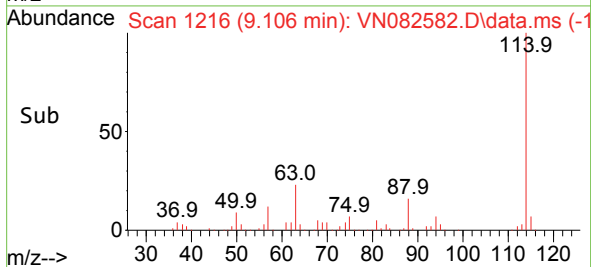
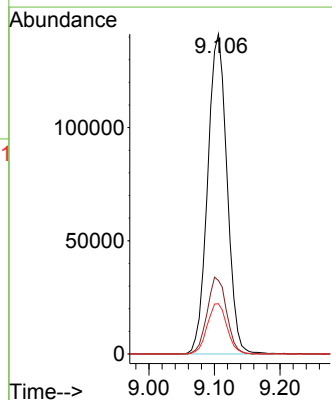
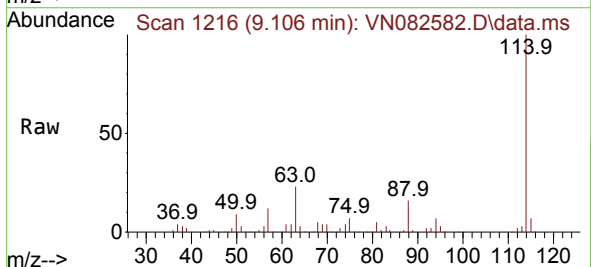
Tgt Ion: 114 Resp: 289649

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 15.7 0.0 31.4

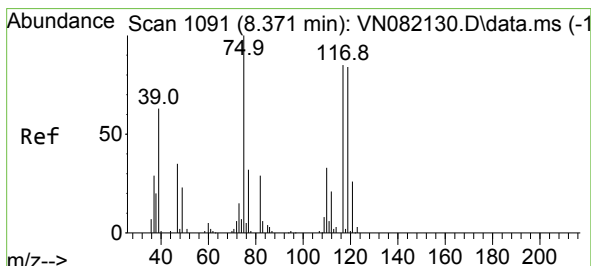
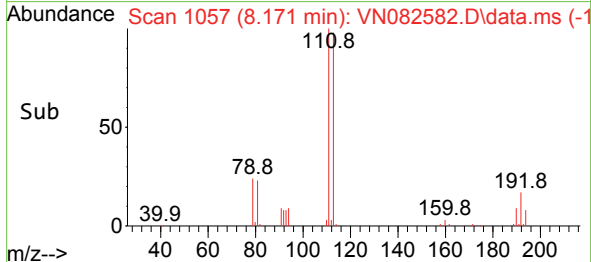
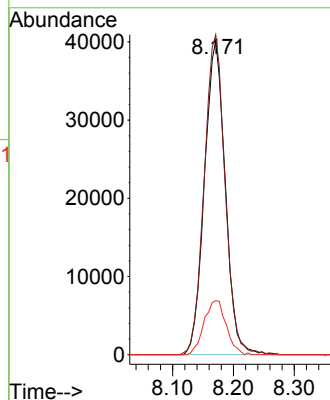
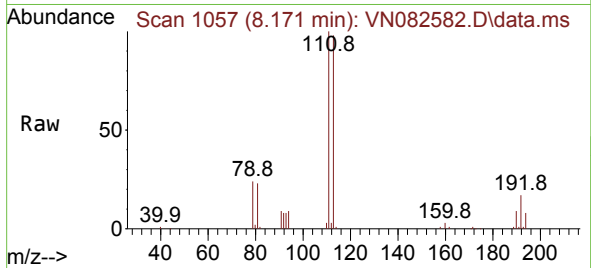




#35
Dibromofluoromethane
Concen: 53.433 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

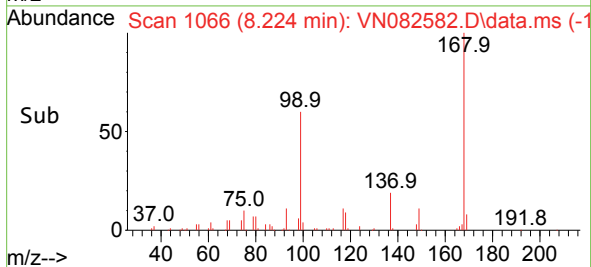
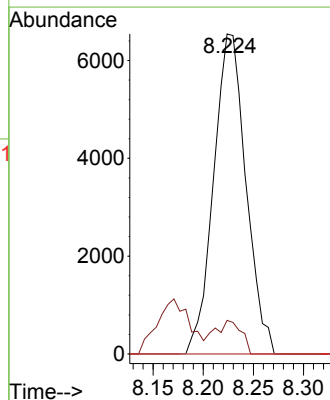
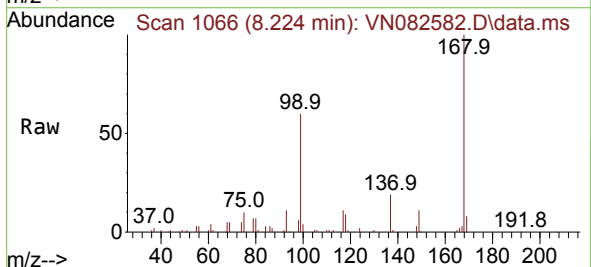
Instrument :
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BP-VPB-196-GW-380-382

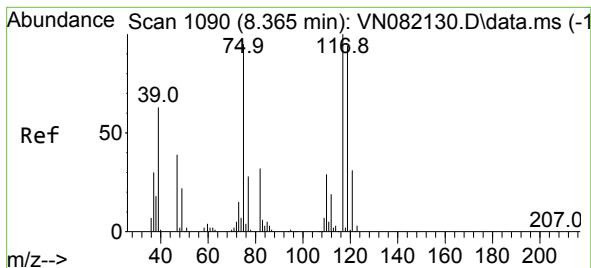
Tgt Ion:113 Resp: 95207
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 18.4 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.919 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

Tgt Ion: 75 Resp: 14700
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.613 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.141 min

Lab File: VN082582.D

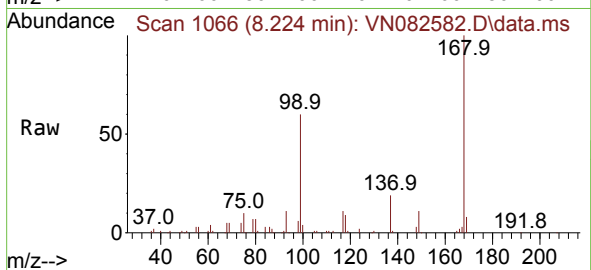
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Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-380-382



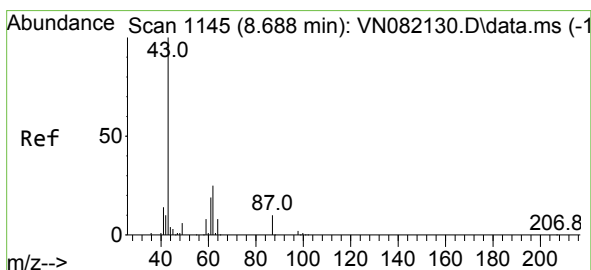
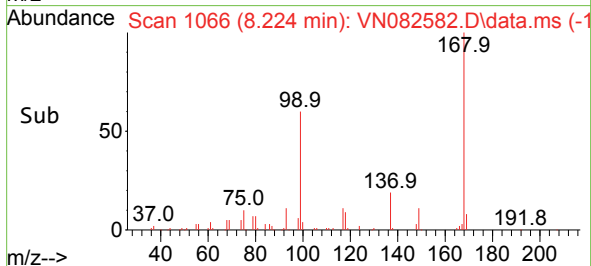
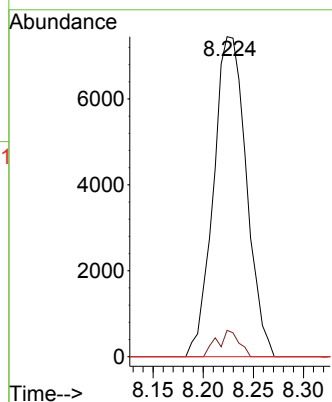
Tgt Ion:117 Resp: 17003

Ion Ratio Lower Upper

117 100

119 8.3 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.760 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VN082582.D

Acq: 14 Jun 2024 14:50

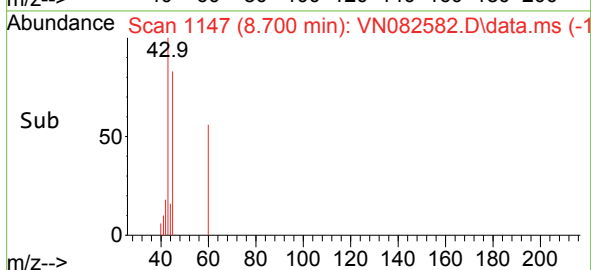
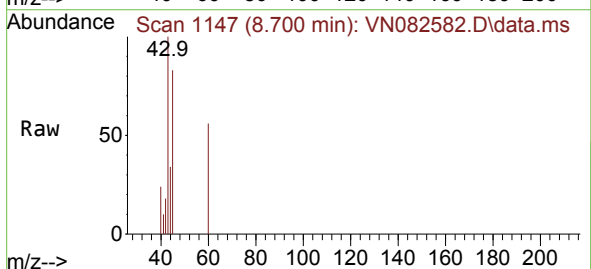
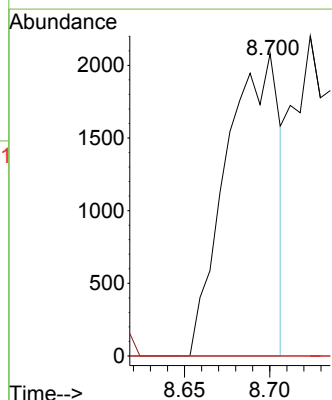
Tgt Ion: 43 Resp: 4504

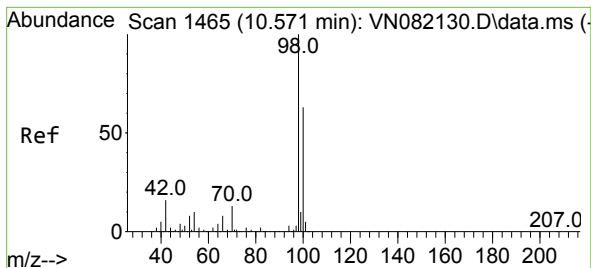
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#





#50

Toluene-d8

Concen: 51.261 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082582.D

Acq: 14 Jun 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

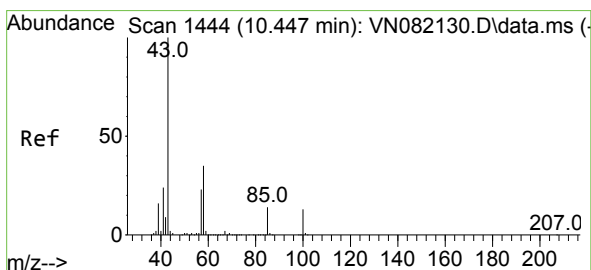
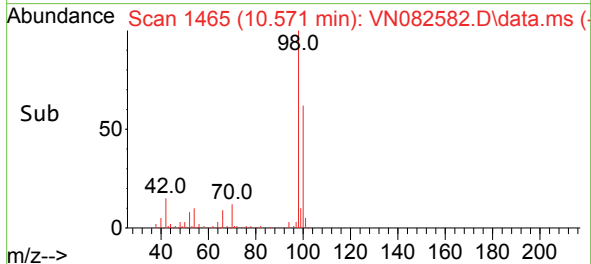
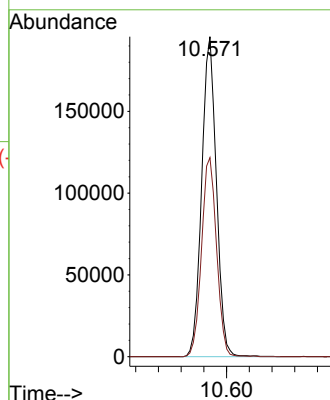
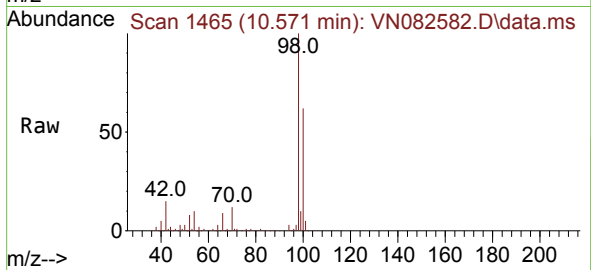
BP-VPB-196-GW-380-382

Tgt Ion: 98 Resp: 350179

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 0.593 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.129 min

Lab File: VN082582.D

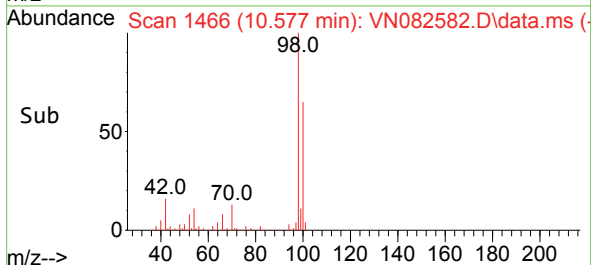
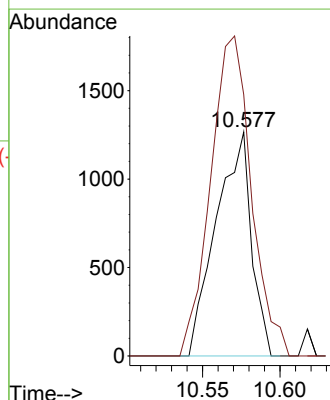
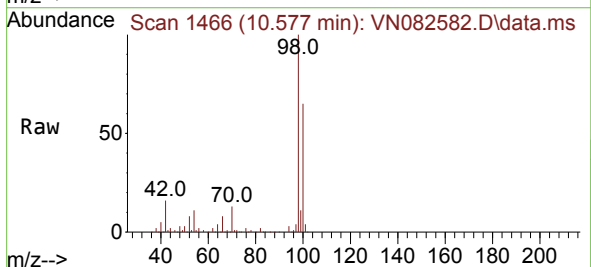
Acq: 14 Jun 2024 14:50

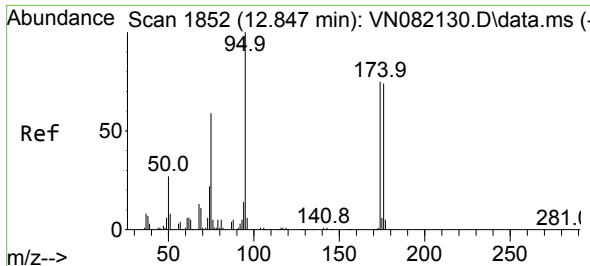
Tgt Ion: 43 Resp: 1997

Ion Ratio Lower Upper

43 100

58 165.5 33.2 49.8#

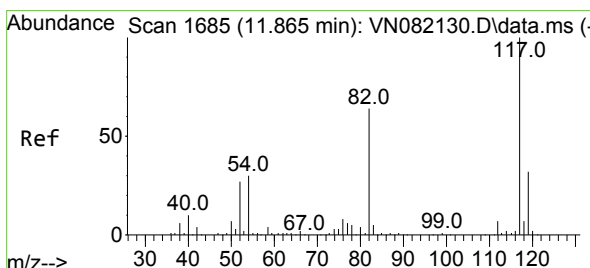
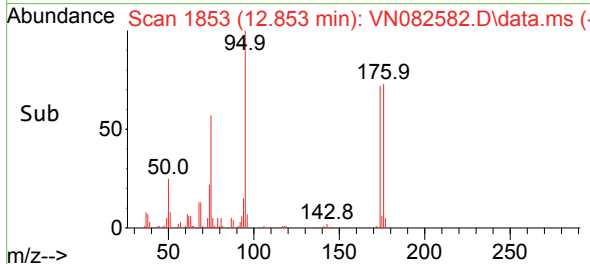
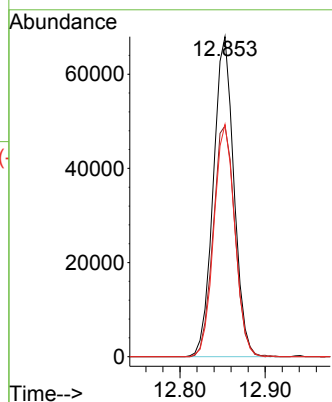
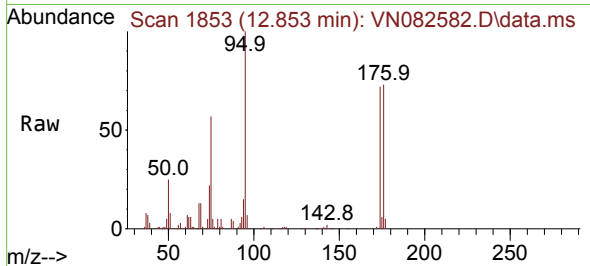




#62
4-Bromofluorobenzene
Concen: 46.701 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

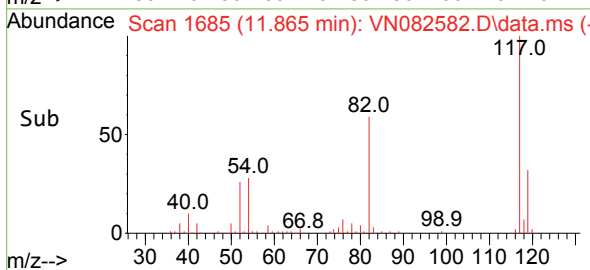
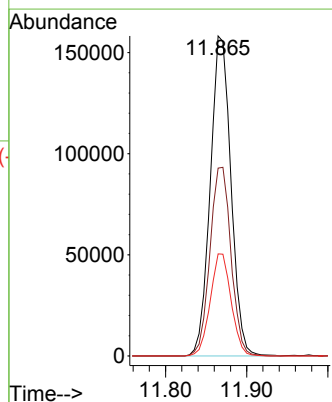
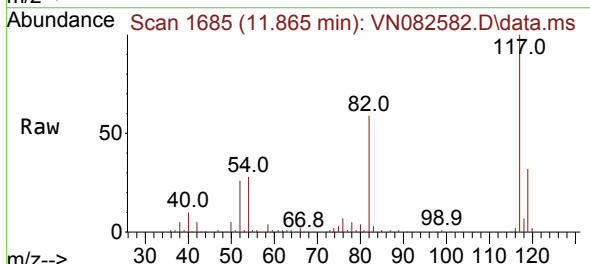
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-380-382

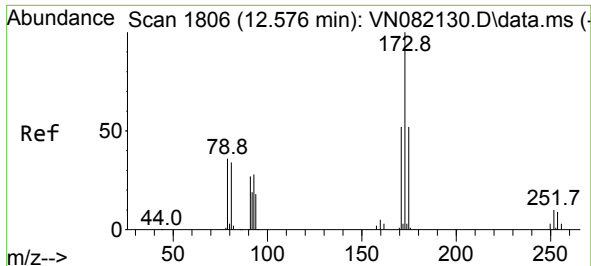
Tgt Ion: 95 Resp: 113868
Ion Ratio Lower Upper
95 100
174 76.2 0.0 160.6
176 73.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

Tgt Ion: 117 Resp: 280070
Ion Ratio Lower Upper
117 100
82 58.7 44.6 66.8
119 31.9 25.9 38.9

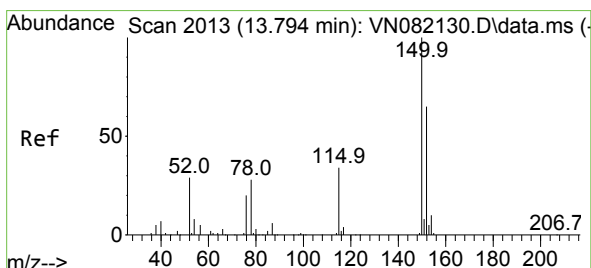
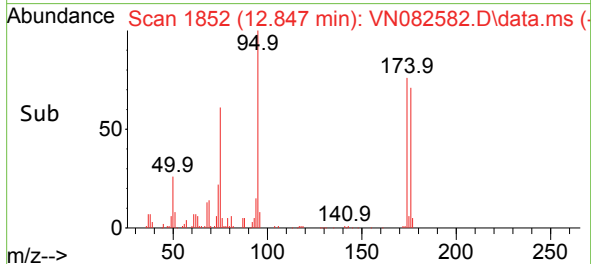
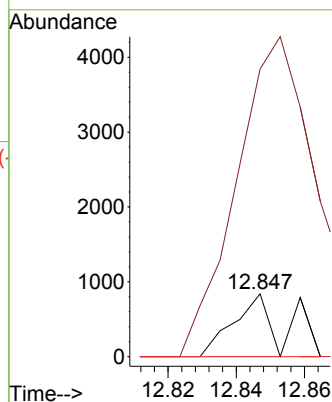
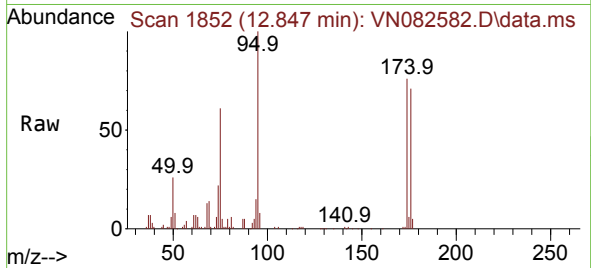




#71
Bromoform
Concen: 1.063 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

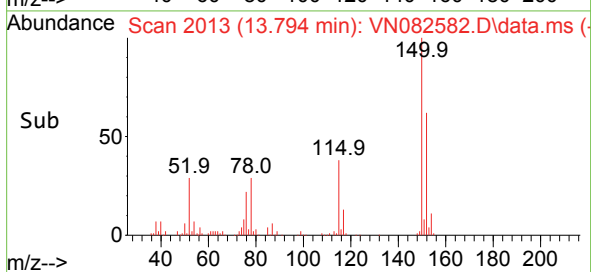
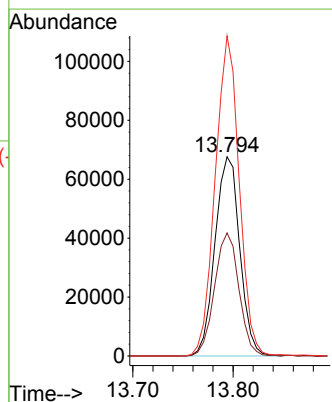
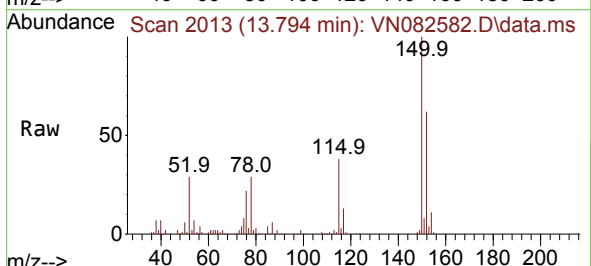
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-380-382

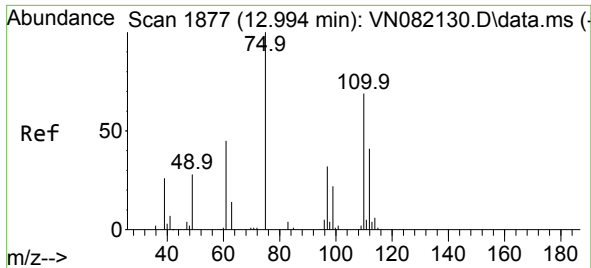
Tgt Ion:173 Resp: 595
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

Tgt Ion:152 Resp: 115775
Ion Ratio Lower Upper
152 100
115 60.8 30.4 91.3
150 155.8 0.0 353.2

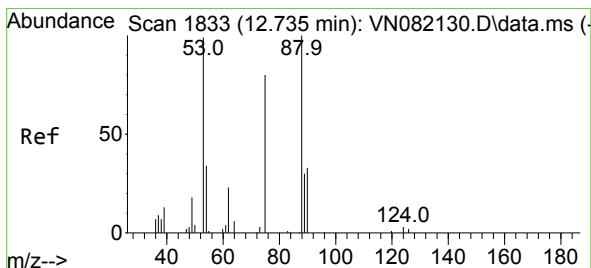
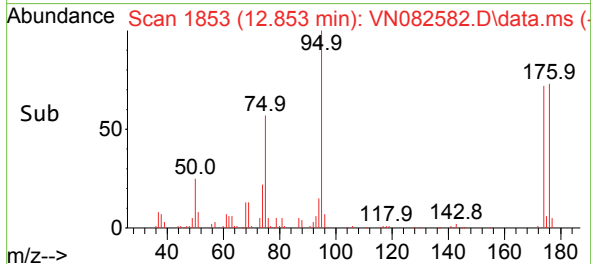
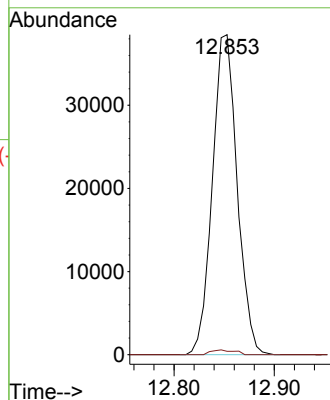
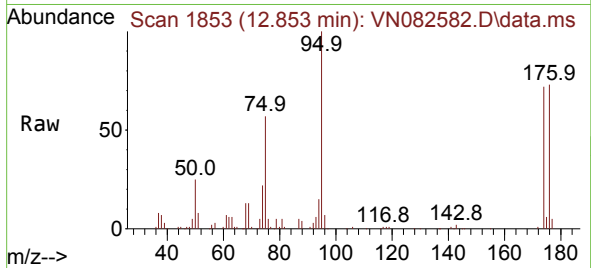




#76
1,2,3-Trichloropropane
Concen: 27.082 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-380-382

Tgt Ion: 75 Resp: 65994
Ion Ratio Lower Upper
75 100
77 1.4 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.345 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082582.D
Acq: 14 Jun 2024 14:50

Tgt Ion: 75 Resp: 65994
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

