

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082577.D
 Acq On : 14 Jun 2024 12:48
 Operator : JC\MD
 Sample : P2891-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-360-362

Quant Time: Jun 14 23:44:46 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)

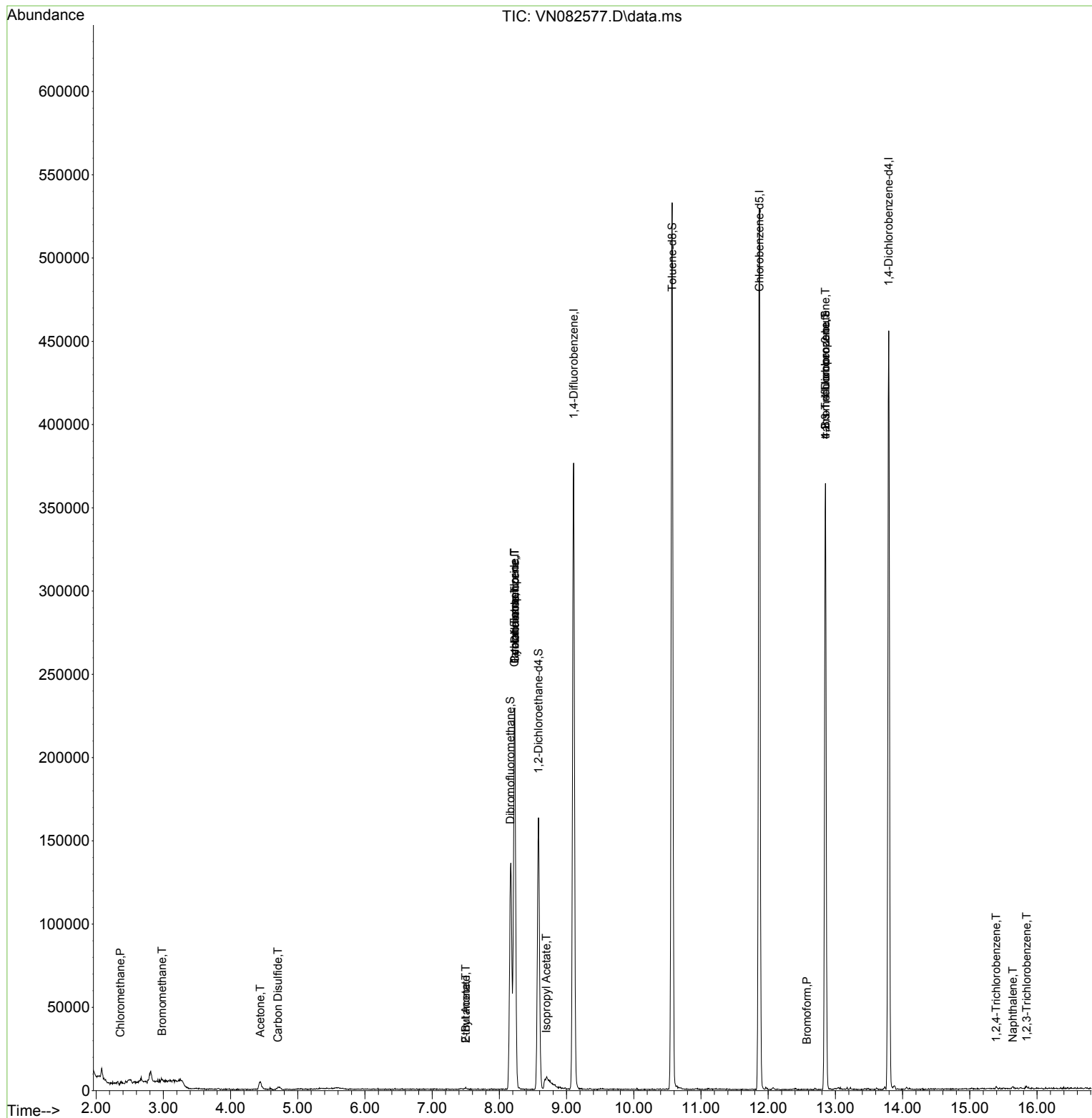
Internal Standards						
1) Pentafluorobenzene	8.230	168	162664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	296173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	283969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130794	50.922	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.840%			
35) Dibromofluoromethane	8.165	113	96835	53.150	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.300%			
50) Toluene-d8	10.571	98	348881	49.946	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.900%			
62) 4-Bromofluorobenzene	12.853	95	114985	46.120	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.240%			
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	836	0.315	ug/l #	86
5) Bromomethane	2.983	94	985	0.686	ug/l #	77
16) Acetone	4.442	43	8945	8.490	ug/l	95
17) Carbon Disulfide	4.706	76	2497	0.435	ug/l #	74
25) 2-Butanone	7.500	43	1698	1.063	ug/l	91
31) Cyclohexane	8.230	56	4470	1.090	ug/l #	17
36) 1,1-Dichloropropene	8.230	75	15320	5.014	ug/l #	49
37) Ethyl Acetate	7.500	43	1698	0.497	ug/l #	68
38) Carbon Tetrachloride	8.224	117	16898	5.455	ug/l #	16
43) Isopropyl Acetate	8.700	43	10129	1.672	ug/l #	52
71) Bromoform	12.576	173	71	0.744	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	69028	28.084	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	69028	65.688	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.394	180	565	0.266	ug/l #	74
95) Naphthalene	15.641	128	1697	0.255	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.847	180	681	0.320	ug/l #	75

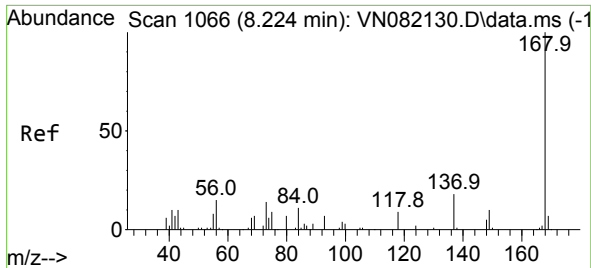
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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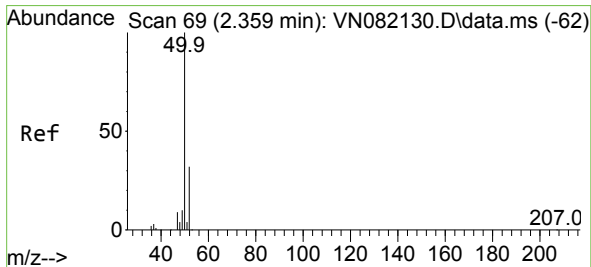
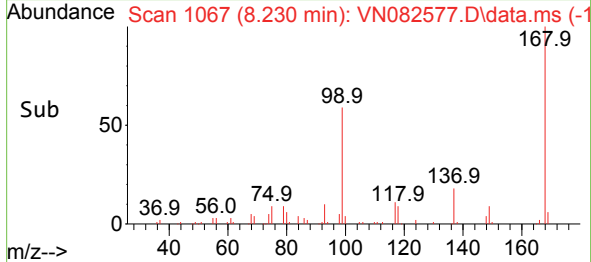
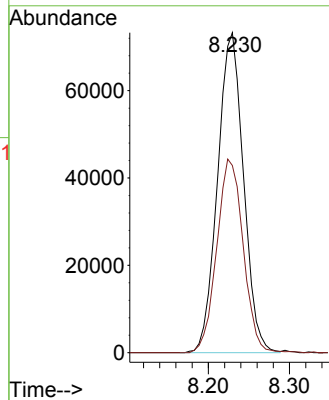
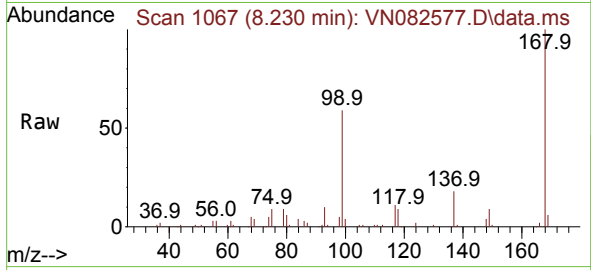




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

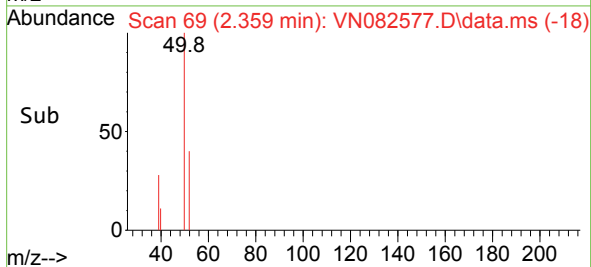
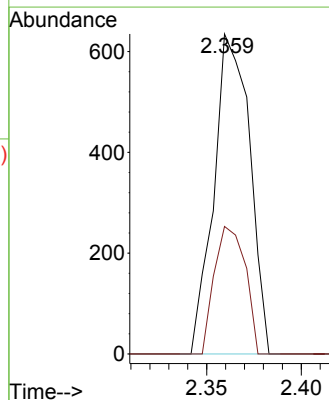
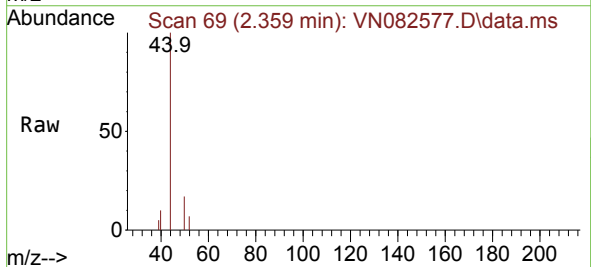
Instrument :
MSVOA_N
ClientSampleId :
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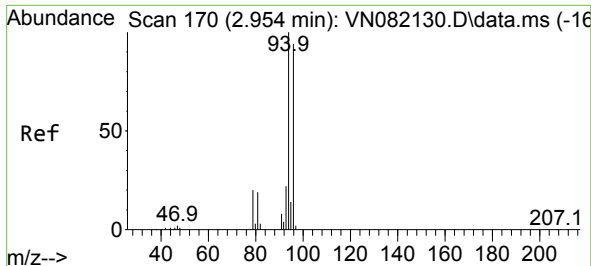
Tgt Ion:168 Resp: 162664
Ion Ratio Lower Upper
168 100
99 58.5 48.2 72.4



#3
Chloromethane
Concen: 0.315 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

Tgt Ion: 50 Resp: 836
Ion Ratio Lower Upper
50 100
52 39.8 25.5 38.3#

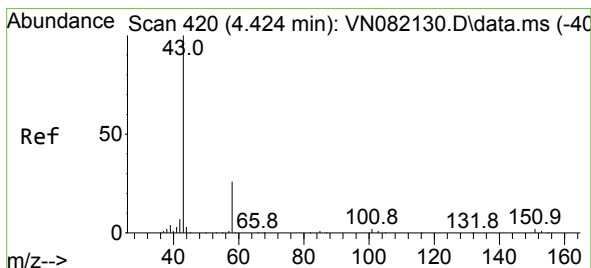
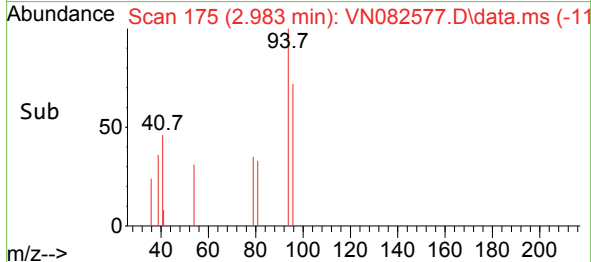
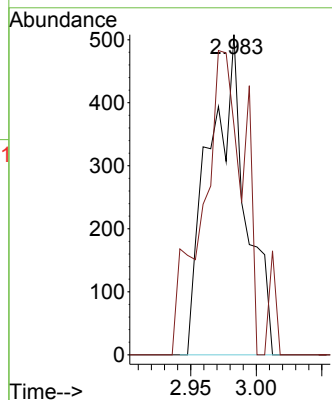
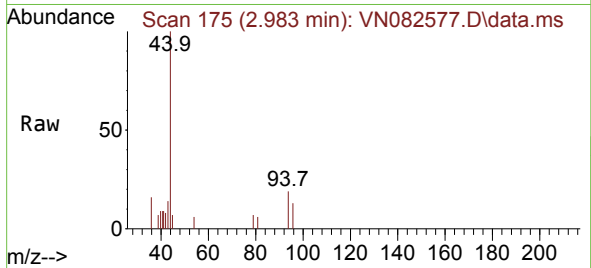




#5
Bromomethane
Concen: 0.686 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

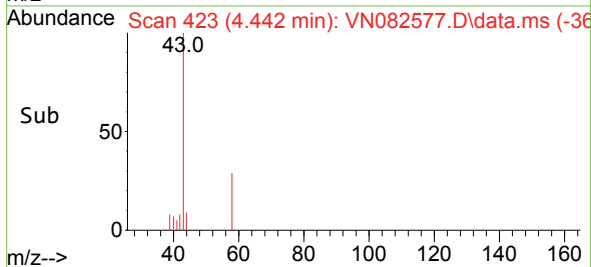
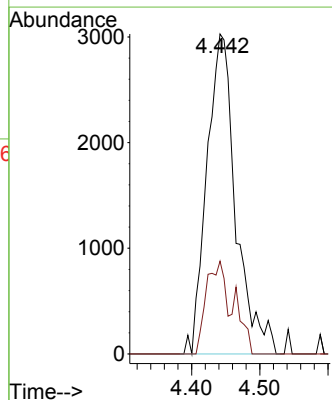
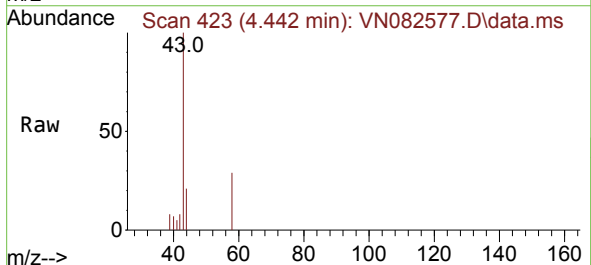
Instrument :
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ClientSampleId :
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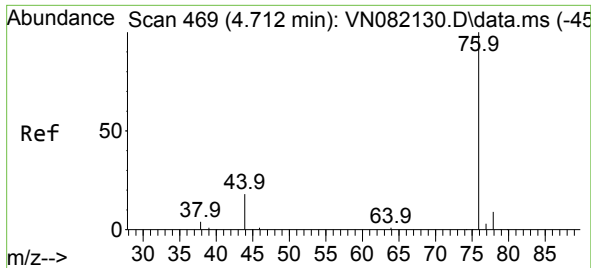
Tgt Ion: 94 Resp: 985
Ion Ratio Lower Upper
94 100
96 71.7 74.8 112.2#



#16
Acetone
Concen: 8.490 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

Tgt Ion: 43 Resp: 8945
Ion Ratio Lower Upper
43 100
58 29.0 25.2 37.8

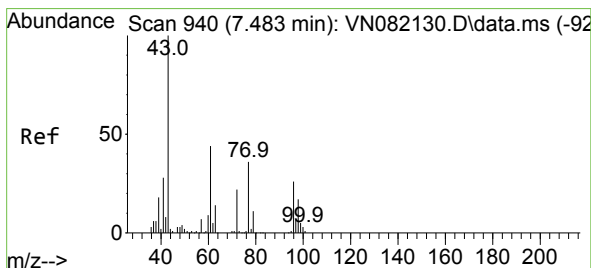
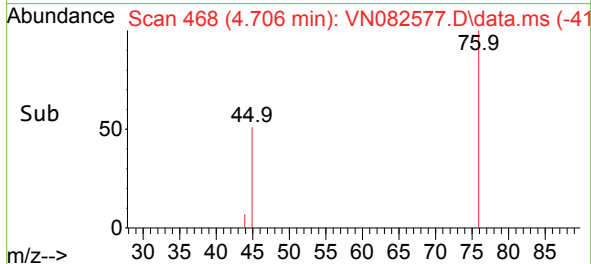
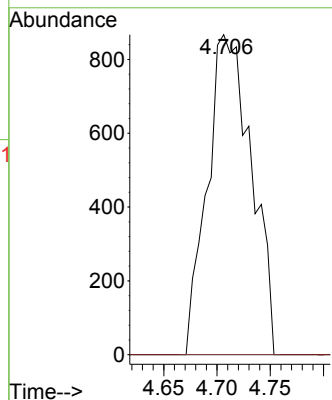
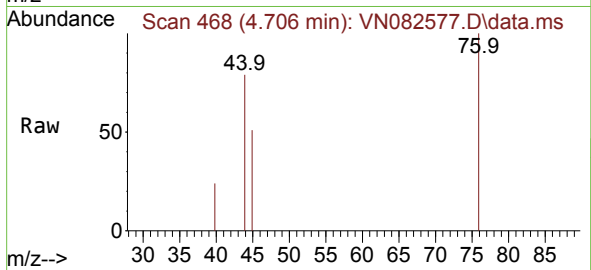




#17
Carbon Disulfide
Concen: 0.435 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

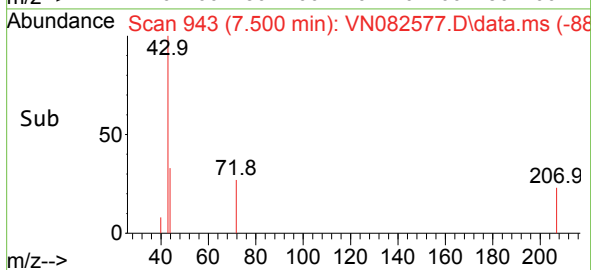
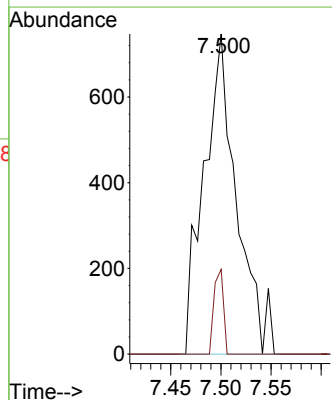
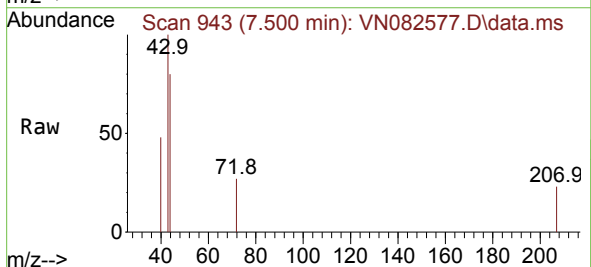
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-360-362

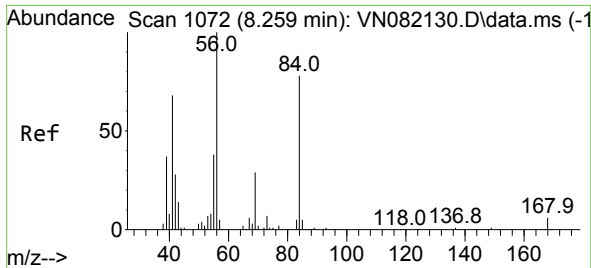
Tgt Ion: 76 Resp: 2497
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#25
2-Butanone
Concen: 1.063 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.018 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

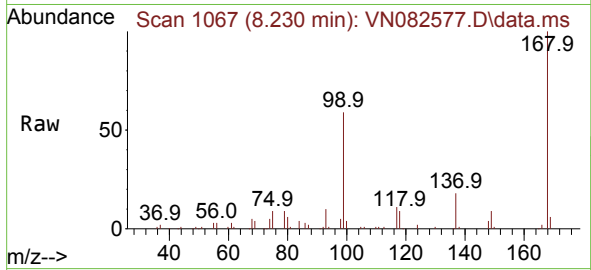
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
72 26.5 25.3 37.9



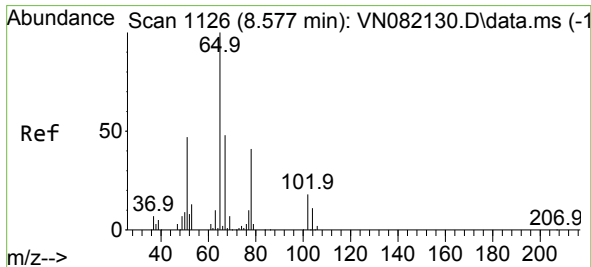
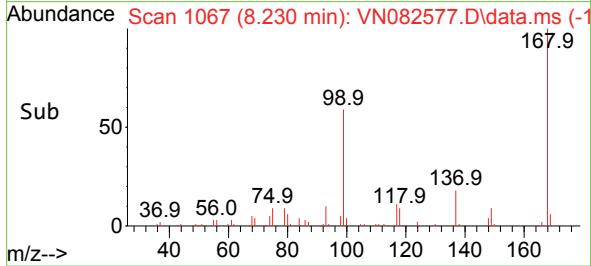
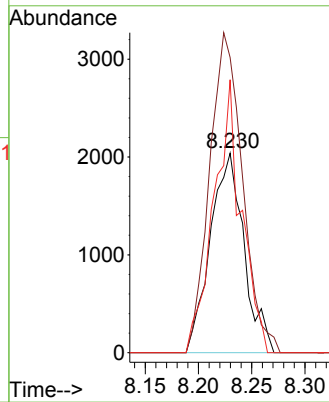


#31
Cyclohexane
Concen: 1.090 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-360-362

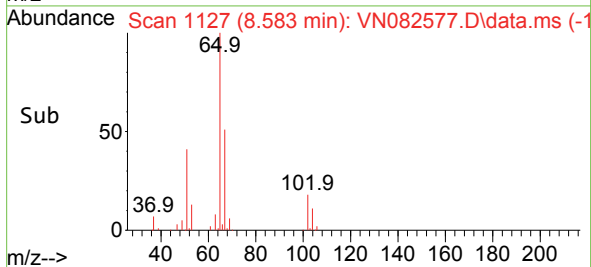
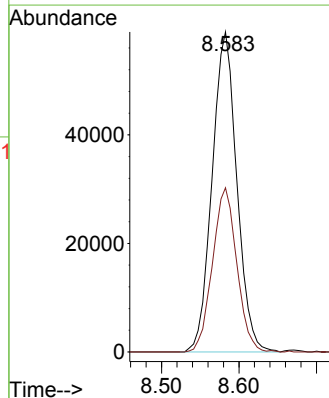
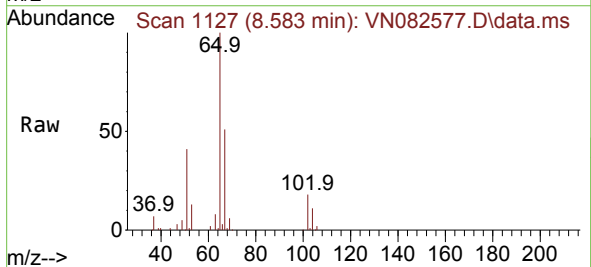


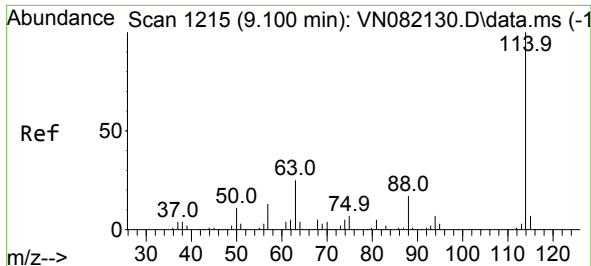
Tgt Ion: 56 Resp: 4470
Ion Ratio Lower Upper
56 100
69 148.0 24.4 36.6#
84 136.8 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 50.922 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

Tgt Ion: 65 Resp: 130794
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0

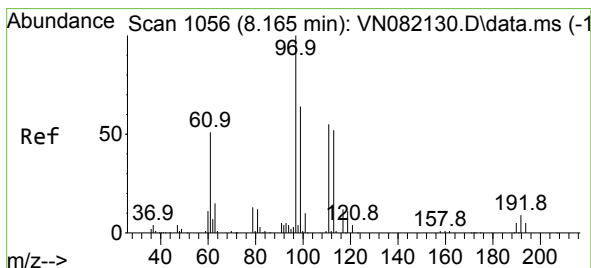
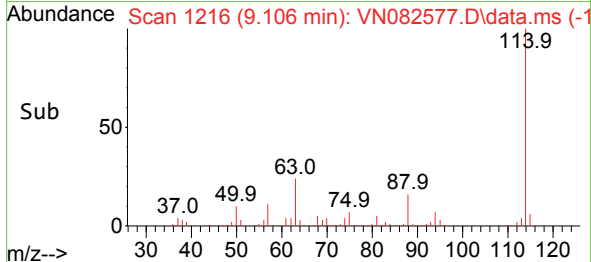
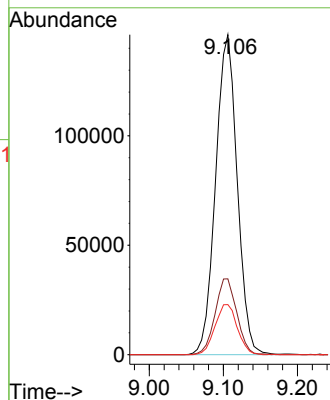
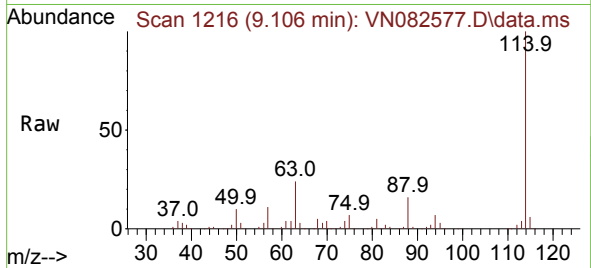




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

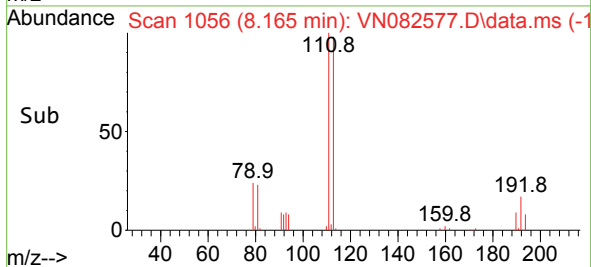
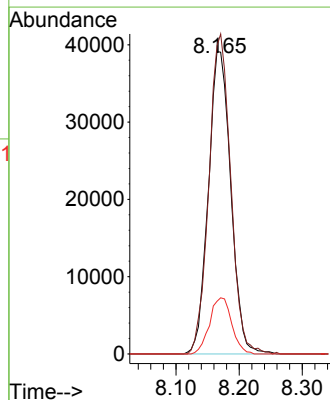
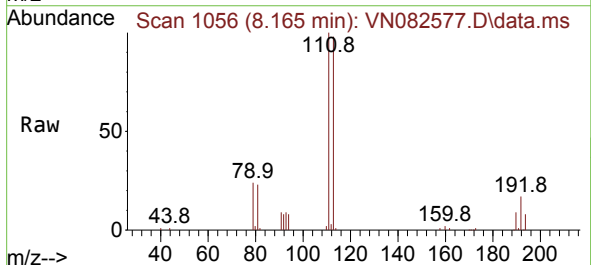
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MSVOA_N
ClientSampleId :
BP-VPB-196-GW-360-362

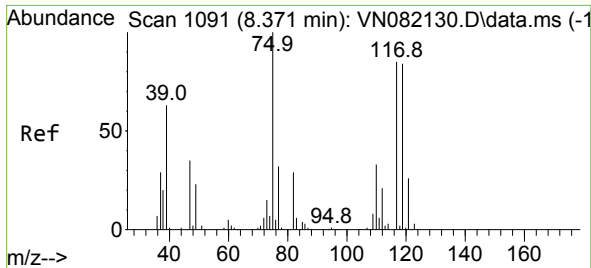
Tgt Ion:114 Resp: 296173
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.0
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.150 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

Tgt Ion:113 Resp: 96835
Ion Ratio Lower Upper
113 100
111 102.6 83.4 125.2
192 18.3 14.0 21.0

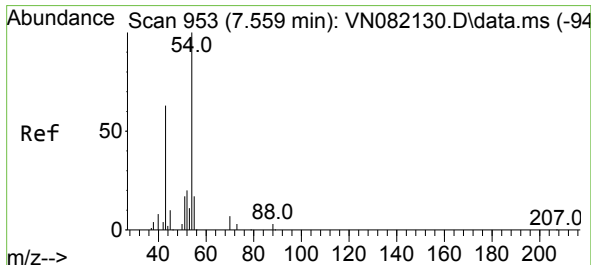
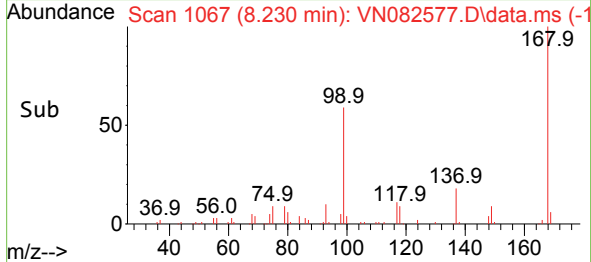
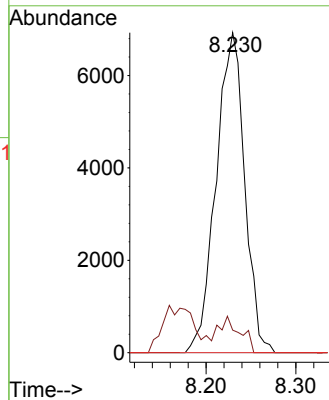
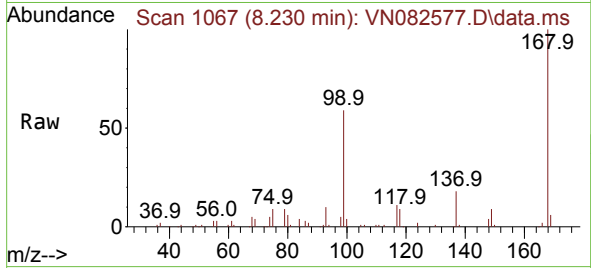




#36
1,1-Dichloropropene
Concen: 5.014 ug/l
RT: 8.230 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

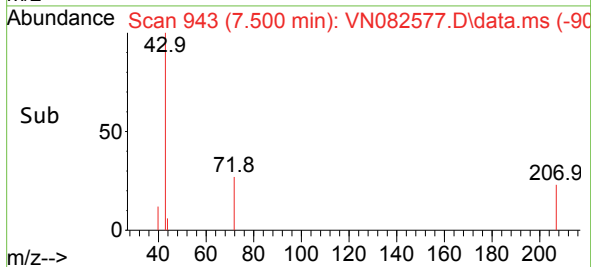
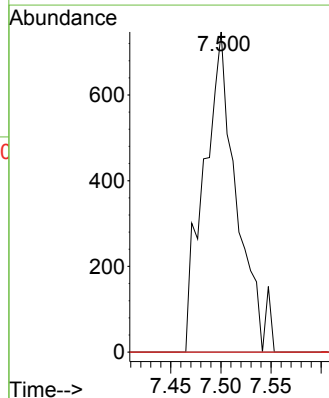
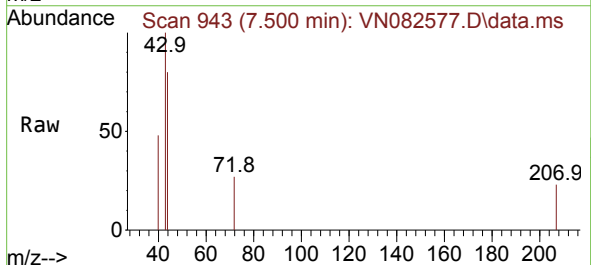
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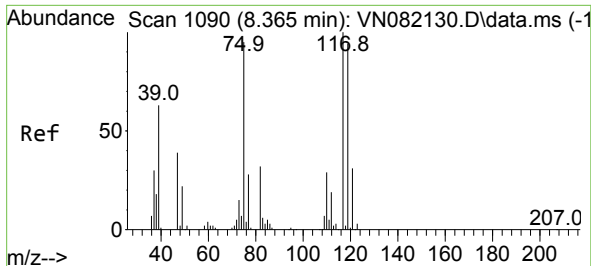
Tgt Ion: 75 Resp: 15320
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.497 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.059 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

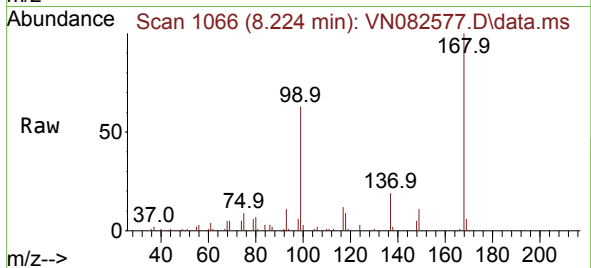
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#



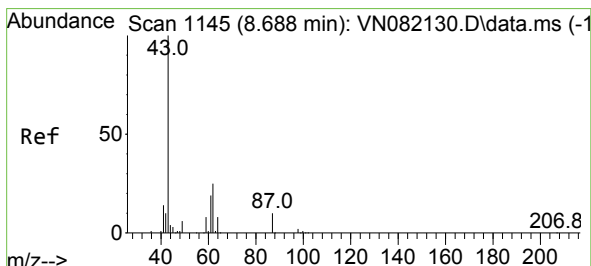
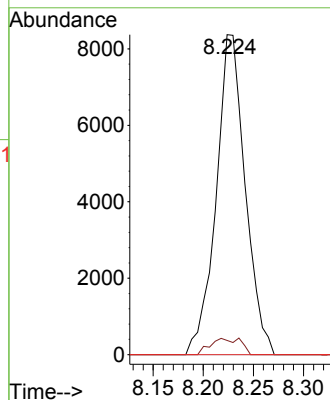
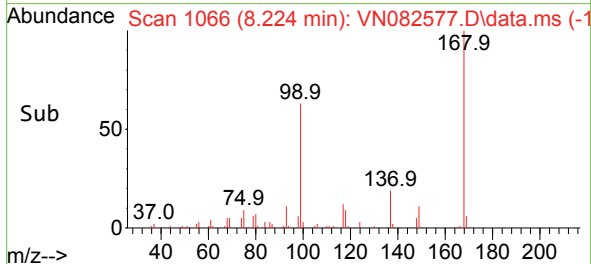


#38
Carbon Tetrachloride
Concen: 5.455 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

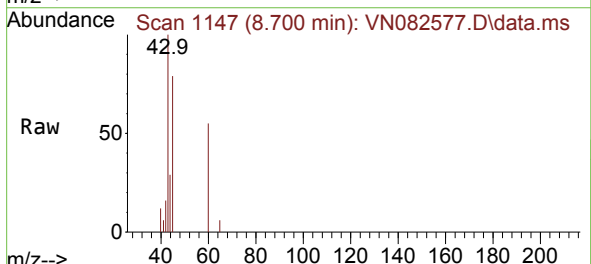
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-360-362



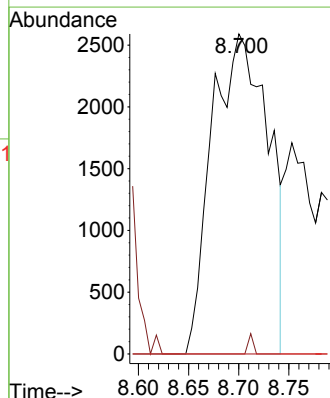
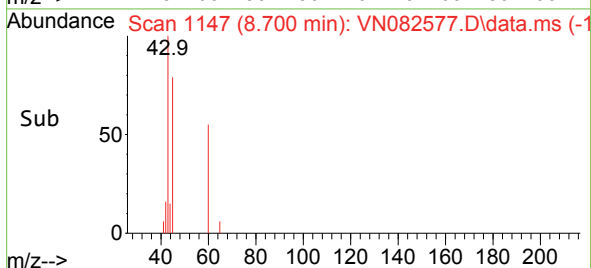
Tgt Ion:117 Resp: 16898
Ion Ratio Lower Upper
117 100
119 4.5 76.5 114.7#
121 0.0 23.9 35.9#

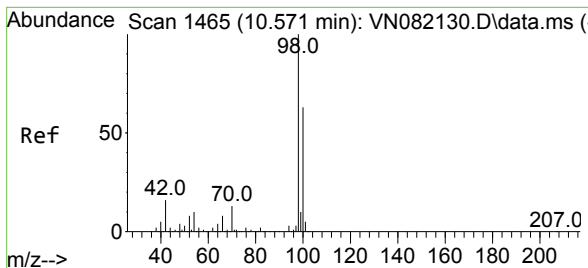


#43
Isopropyl Acetate
Concen: 1.672 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48



Tgt Ion: 43 Resp: 10129
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#





#50

Toluene-d8

Concen: 49.946 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082577.D

Acq: 14 Jun 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

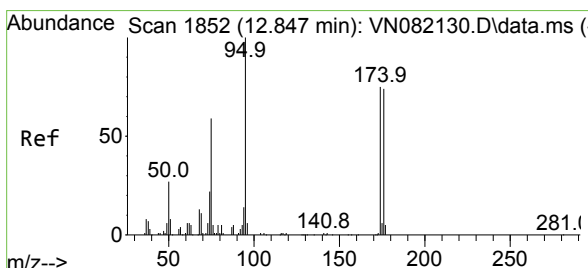
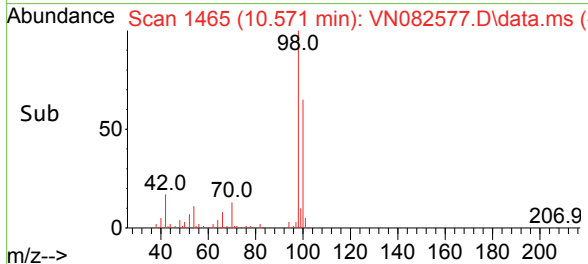
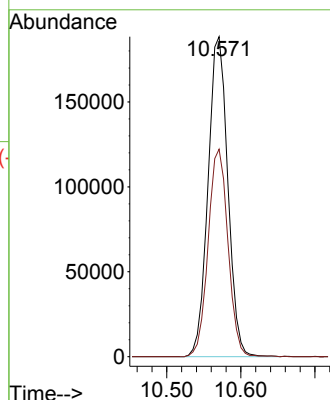
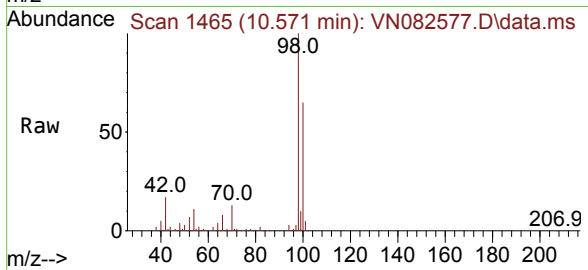
BP-VPB-196-GW-360-362

Tgt Ion: 98 Resp: 348881

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 46.120 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082577.D

Acq: 14 Jun 2024 12:48

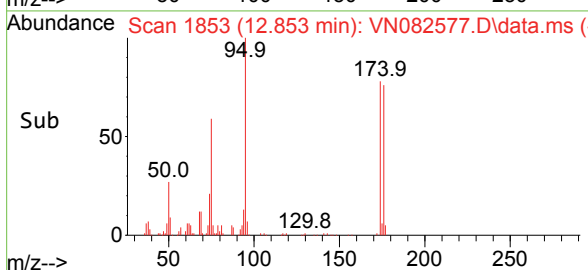
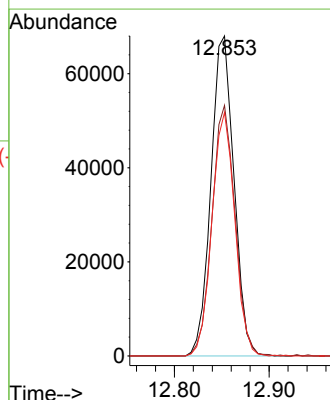
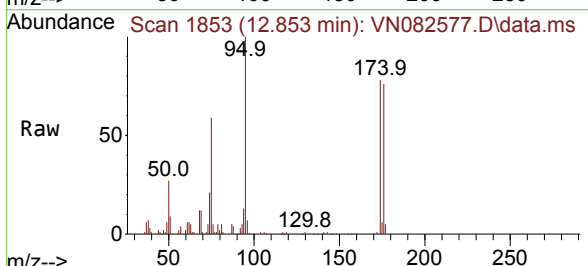
Tgt Ion: 95 Resp: 114985

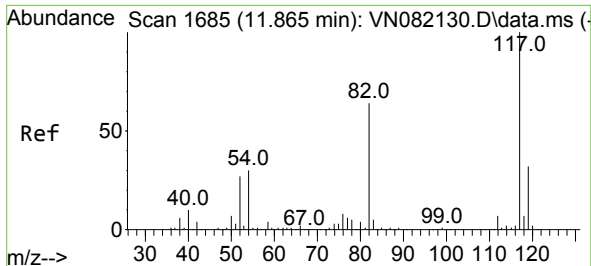
Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.6

176 75.5 0.0 152.8

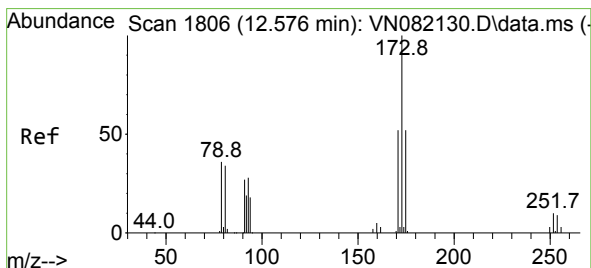
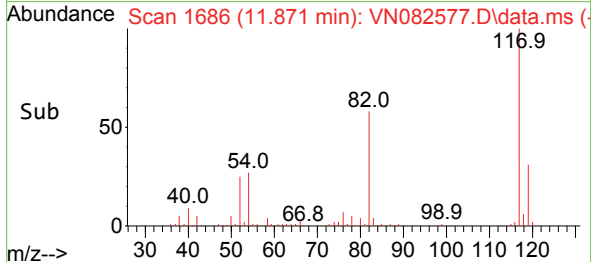
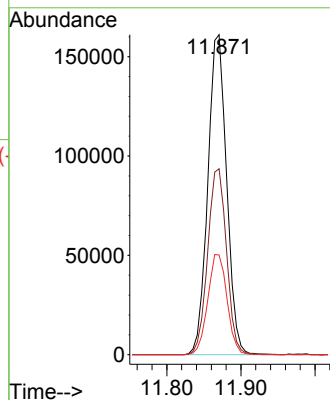
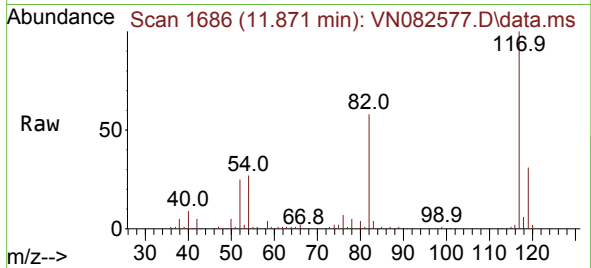




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

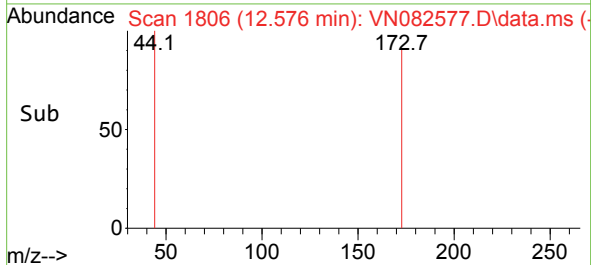
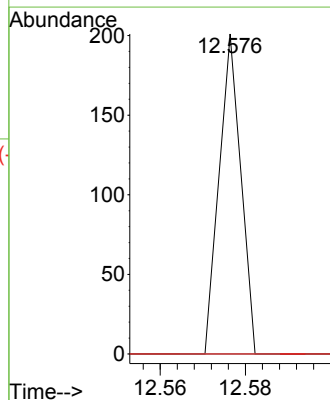
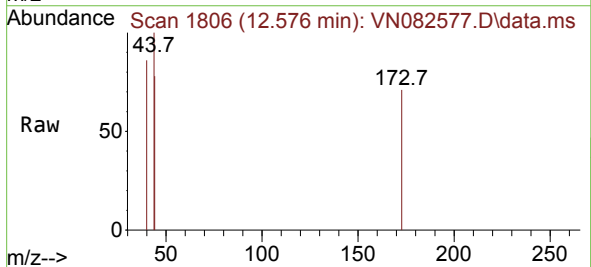
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-360-362

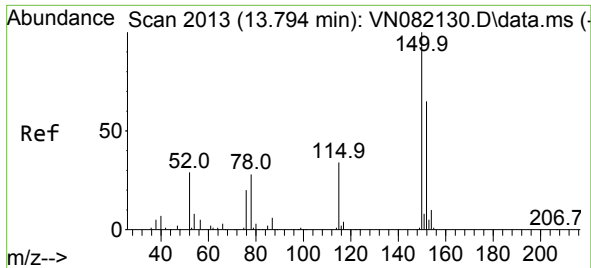
Tgt Ion:117 Resp: 283969
Ion Ratio Lower Upper
117 100
82 58.1 44.6 66.8
119 31.1 25.9 38.9



#71
Bromoform
Concen: 0.744 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

Tgt Ion:173 Resp: 71
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

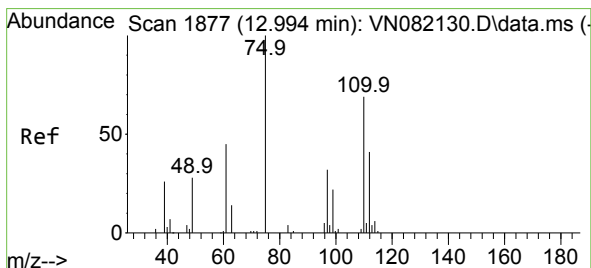
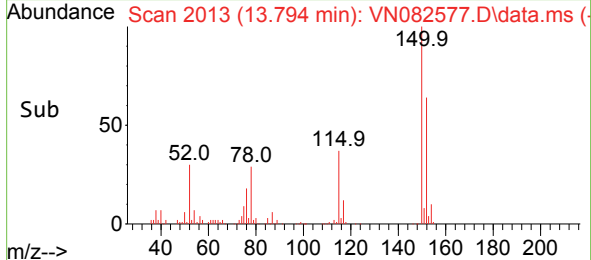
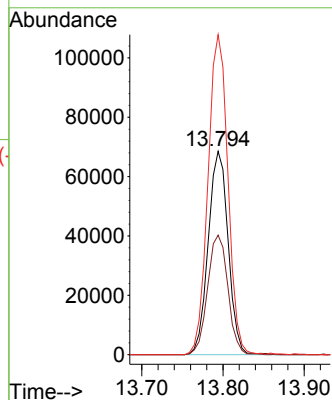
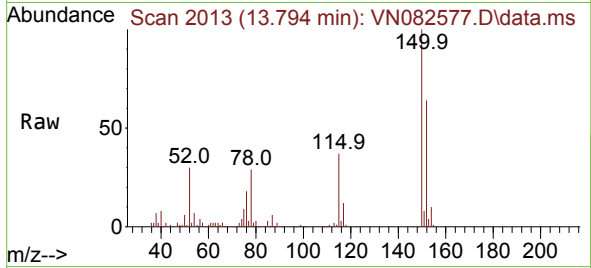




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082577.D
 Acq: 14 Jun 2024 12:48

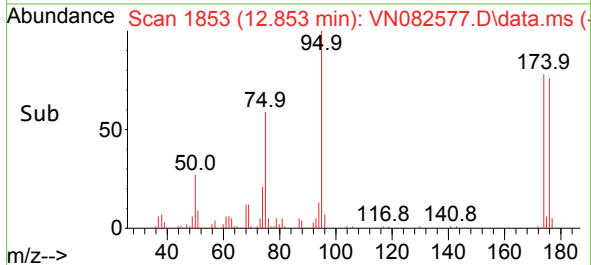
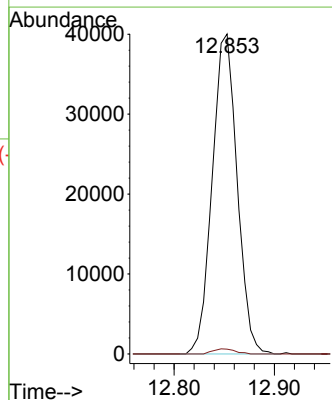
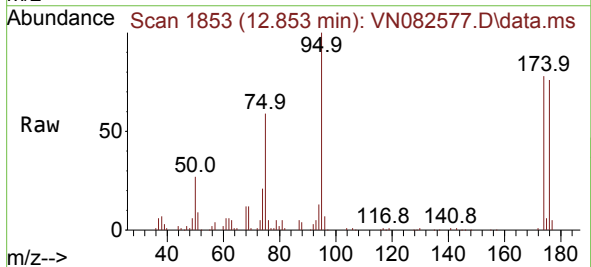
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-360-362

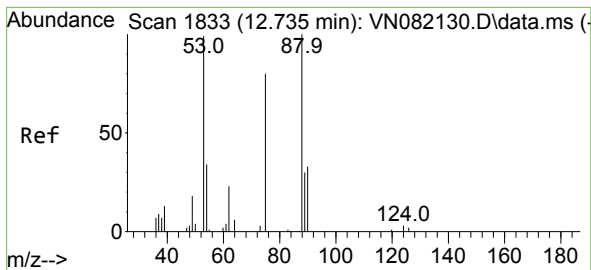
Tgt Ion:152 Resp: 116778
 Ion Ratio Lower Upper
 152 100
 115 59.9 30.4 91.3
 150 156.9 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 28.084 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082577.D
 Acq: 14 Jun 2024 12:48

Tgt Ion: 75 Resp: 69028
 Ion Ratio Lower Upper
 75 100
 77 1.4 90.5 271.3#

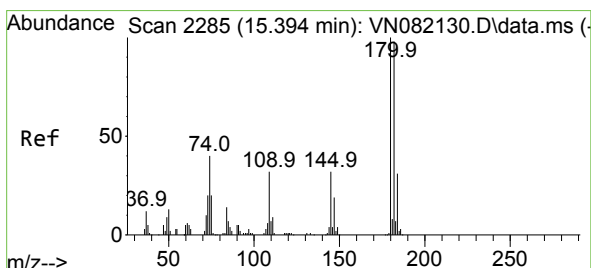
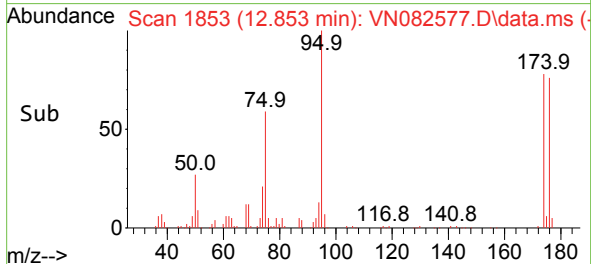
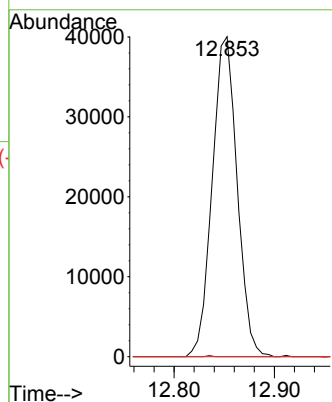
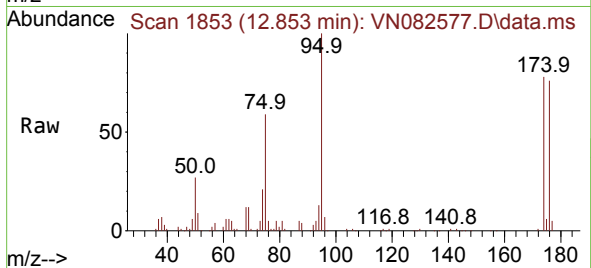




#81
trans-1,4-Dichloro-2-butene
Concen: 65.688 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

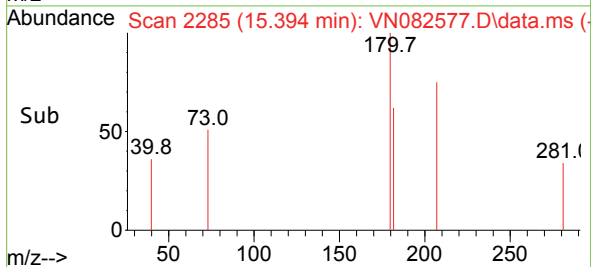
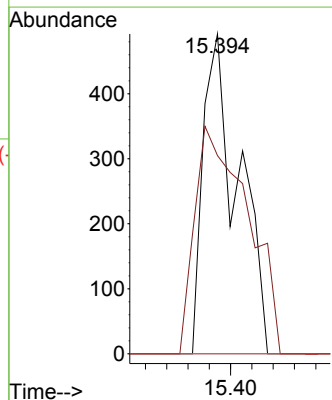
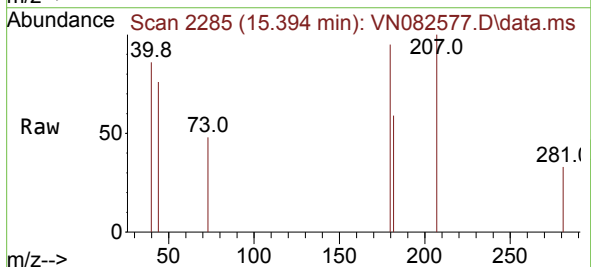
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-360-362

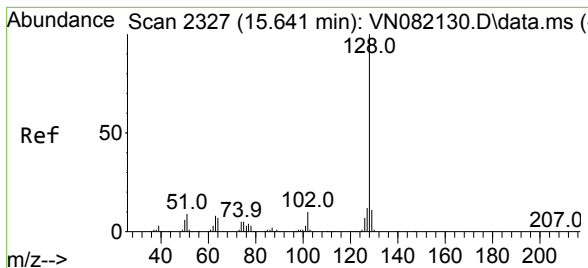
Tgt Ion: 75 Resp: 69028
Ion Ratio Lower Upper
75 100
53 0.1 72.9 109.3#
89 0.0 39.1 58.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.266 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN082577.D
Acq: 14 Jun 2024 12:48

Tgt Ion:180 Resp: 565
Ion Ratio Lower Upper
180 100
182 107.1 46.7 140.0
145 0.0 16.2 48.6#





#95

Naphthalene

Concen: 0.255 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082577.D

Acq: 14 Jun 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-360-362

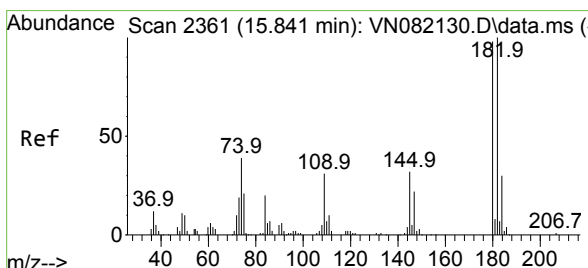
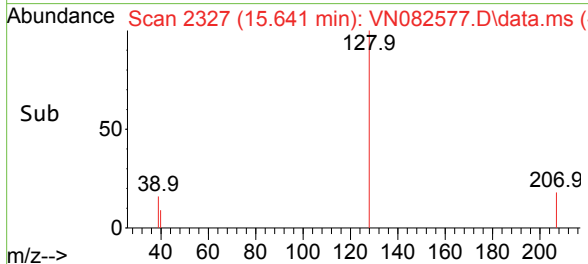
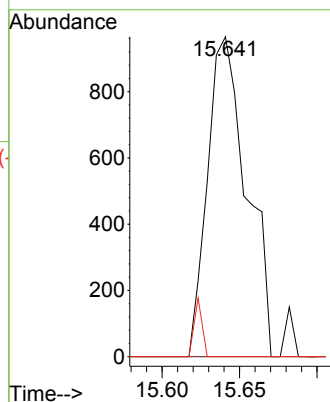
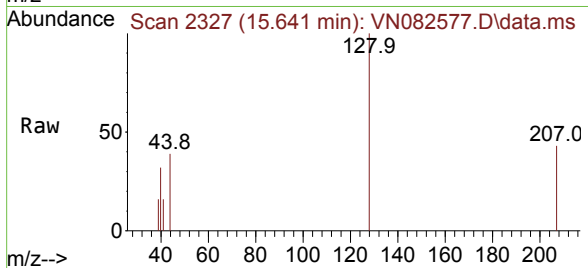
Tgt Ion:128 Resp: 1697

Ion Ratio Lower Upper

128 100

127 0.0 10.1 15.1#

129 3.7 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.320 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN082577.D

Acq: 14 Jun 2024 12:48

Tgt Ion:180 Resp: 681

Ion Ratio Lower Upper

180 100

182 80.2 46.0 137.8

145 0.0 17.1 51.3#

