

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079796.D
 Acq On : 02 Nov 2023 14:47
 Operator : JC\MD
 Sample : 05224-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-TB-20231030

Quant Time: Nov 03 04:01:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

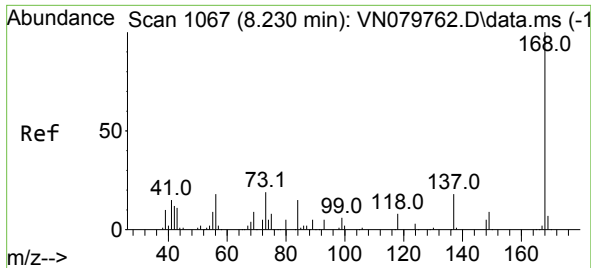
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	231901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	453753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	461549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	205861	58.267	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.540%			
35) Dibromofluoromethane	8.171	113	172994	53.867	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.740%			
50) Toluene-d8	10.571	98	598548	50.627	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.260%			
62) 4-Bromofluorobenzene	12.853	95	195219	49.788	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.580%			
Target Compounds						Qvalue
5) Bromomethane	2.965	94	810	0.365	ug/l	91
6) Chloroethane	3.142	64	1068	0.370	ug/l #	43
16) Acetone	4.436	43	1029	0.829	ug/l	99
18) Methyl Acetate	5.042	43	1844	0.311	ug/l #	58
20) Methylene Chloride	5.283	84	1815	0.580	ug/l #	76
31) Cyclohexane	8.230	56	6991	1.497	ug/l #	52
36) 1,1-Dichloropropene	8.224	75	21093	4.600	ug/l #	45
38) Carbon Tetrachloride	8.230	117	26191	5.667	ug/l #	15
43) Isopropyl Acetate	8.771	43	1971	0.267	ug/l #	49
71) Bromoform	12.847	173	1821	0.711	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	106631	25.544	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	106631	69.498	ug/l #	15

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

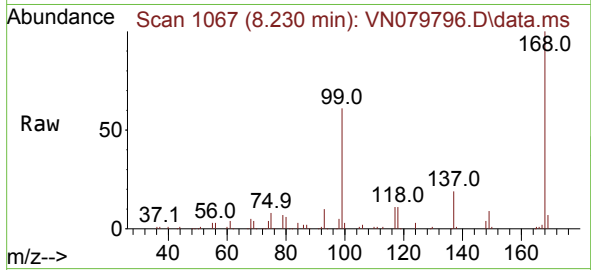
Quant Time: Nov 03 04:01:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration



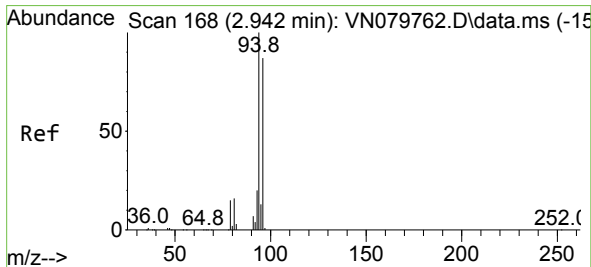
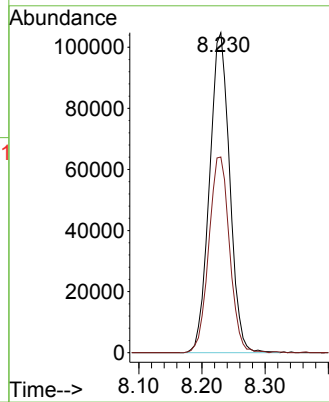
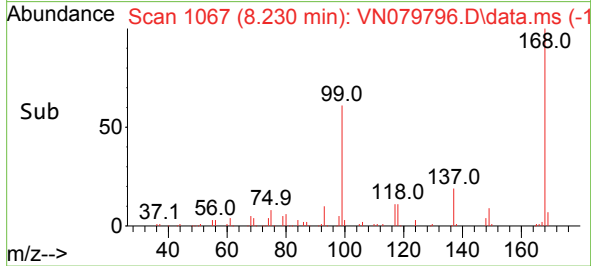


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-TB-20231030

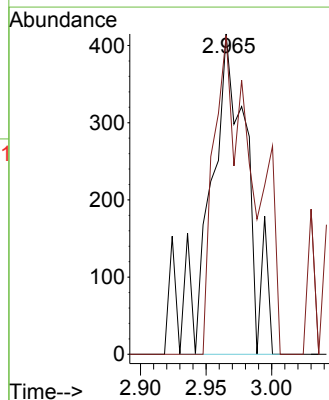
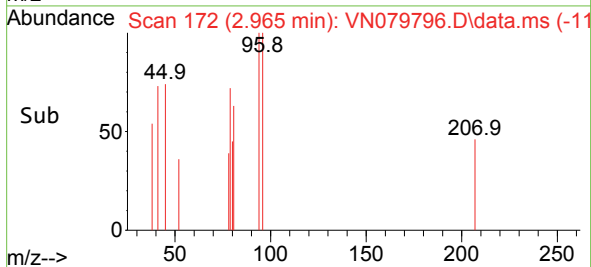
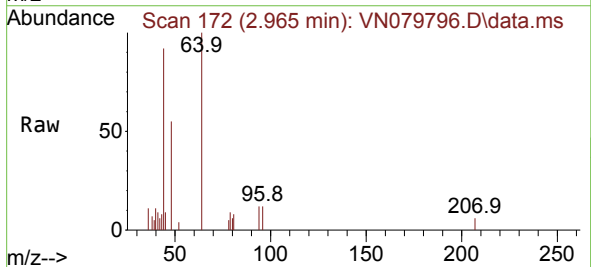


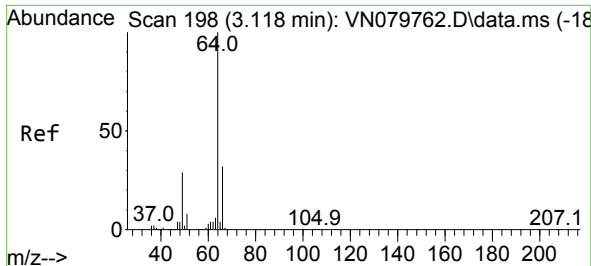
Tgt Ion:168 Resp: 231901
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#5
Bromomethane
Concen: 0.365 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

Tgt Ion: 94 Resp: 810
Ion Ratio Lower Upper
94 100
96 99.5 73.1 109.7

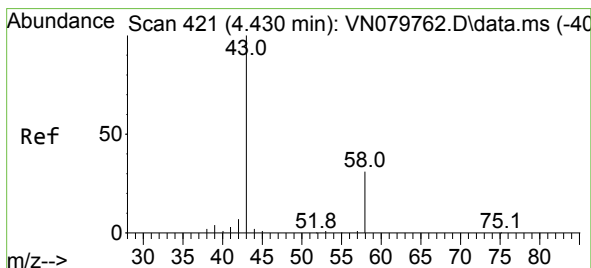
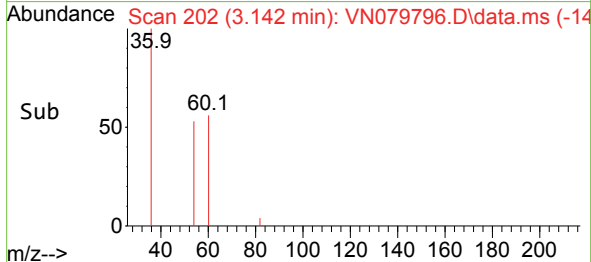
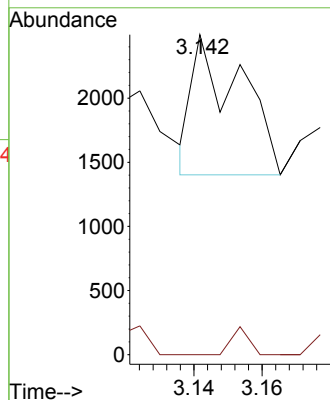
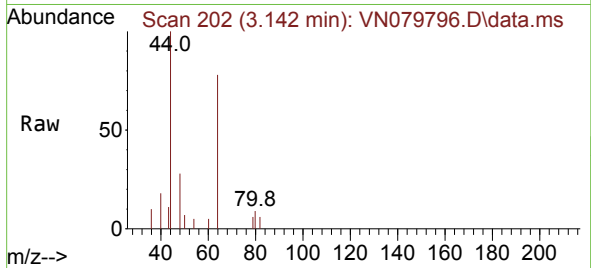




#6
Chloroethane
Concen: 0.370 ug/l
RT: 3.142 min Scan# 20
Delta R.T. 0.024 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

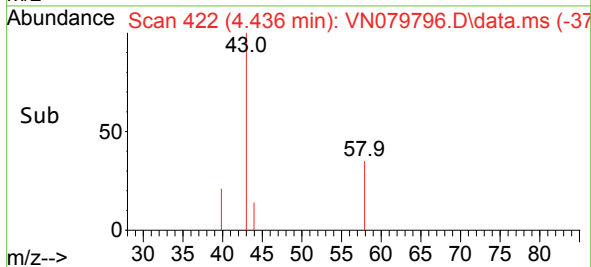
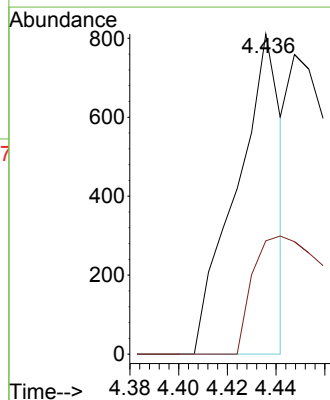
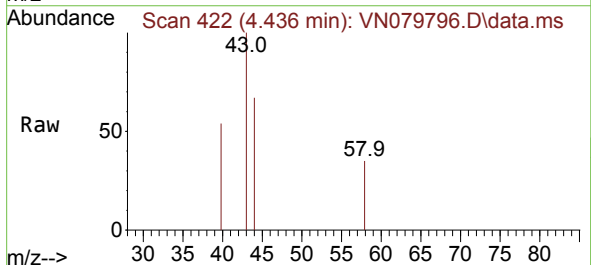
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-TB-20231030

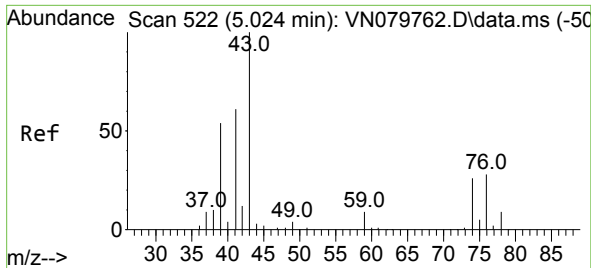
Tgt Ion: 64 Resp: 1068
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 0.829 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
58 35.4 28.0 42.0

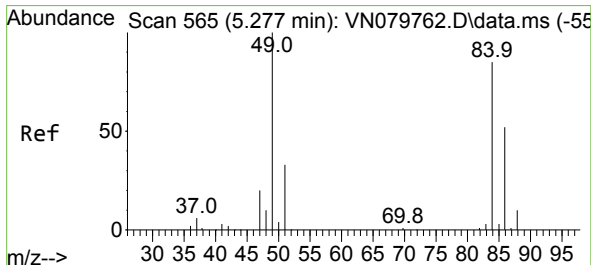
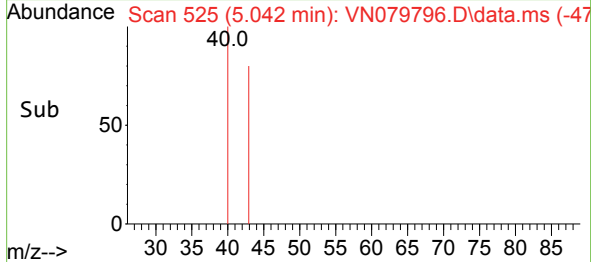
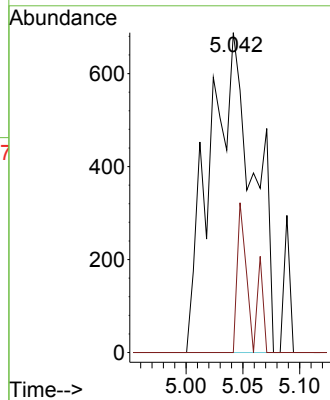
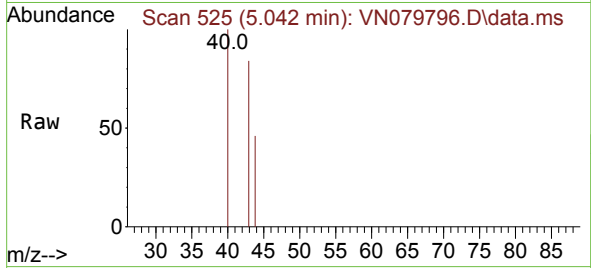




#18
Methyl Acetate
Concen: 0.311 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

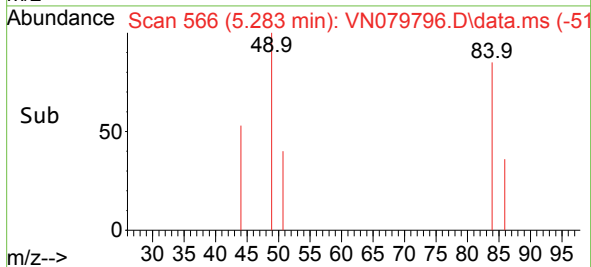
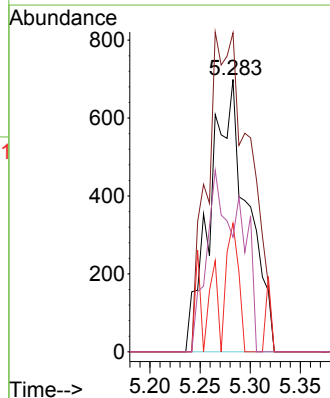
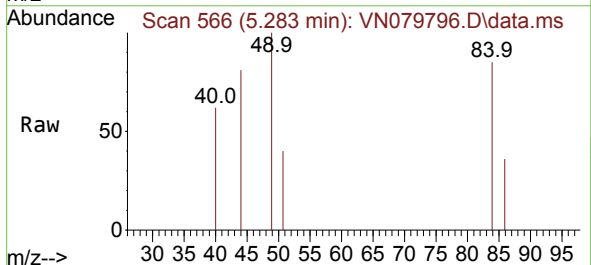
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-TB-20231030

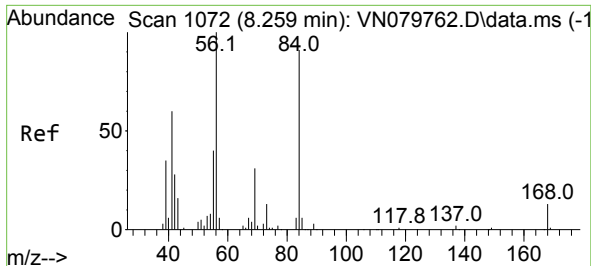
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
74 9.4 26.2 39.4#



#20
Methylene Chloride
Concen: 0.580 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

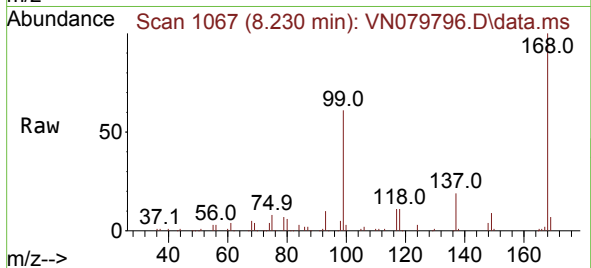
Tgt Ion: 84 Resp: 1815
Ion Ratio Lower Upper
84 100
49 117.2 79.7 119.5
51 47.2 25.2 37.8#
86 42.1 53.3 79.9#



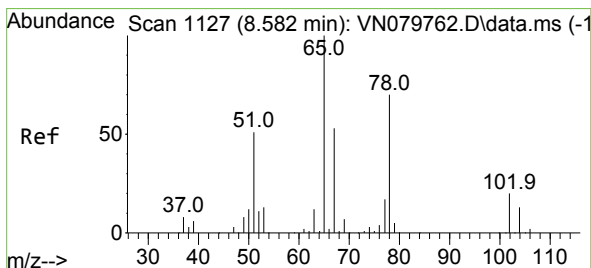
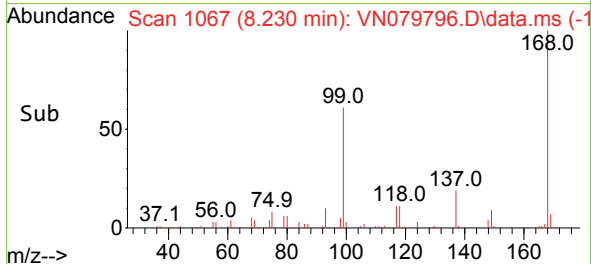
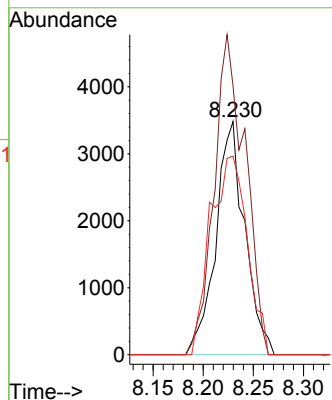


#31
Cyclohexane
Concen: 1.497 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-TB-20231030

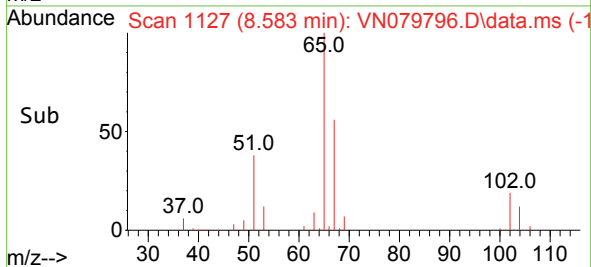
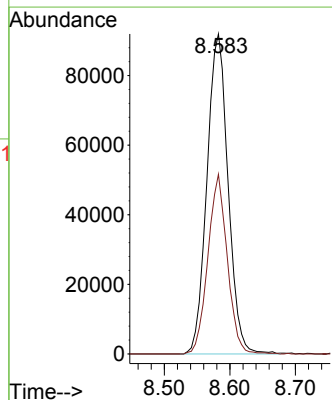
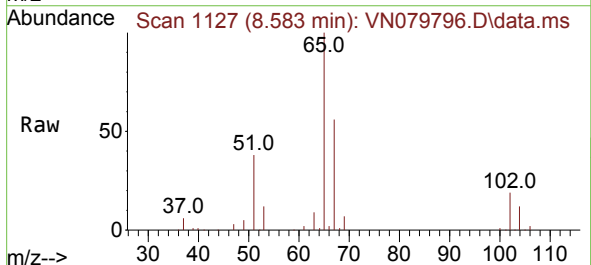


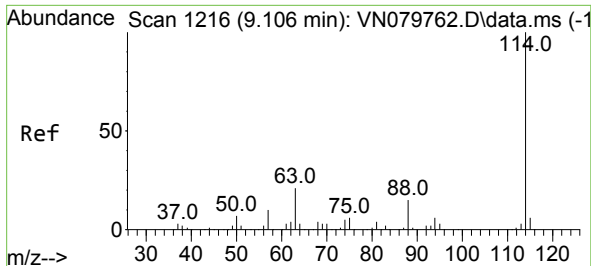
Tgt Ion: 56 Resp: 6991
Ion Ratio Lower Upper
56 100
69 115.4 26.8 40.2#
84 85.2 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 58.267 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

Tgt Ion: 65 Resp: 205861
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-TB-20231030

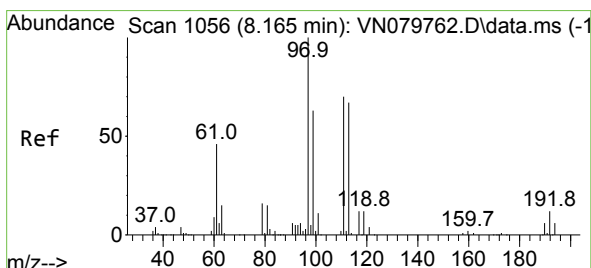
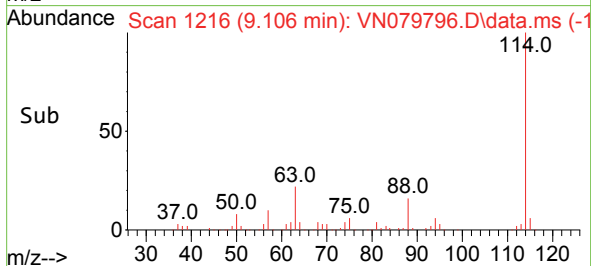
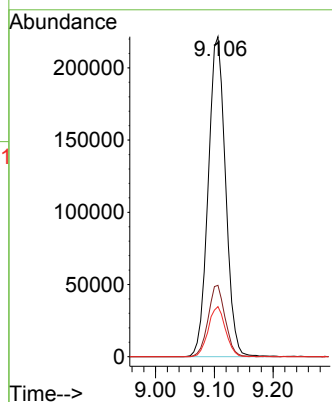
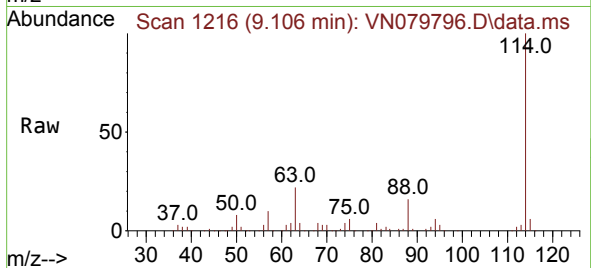
Tgt Ion:114 Resp: 453753

Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.867 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

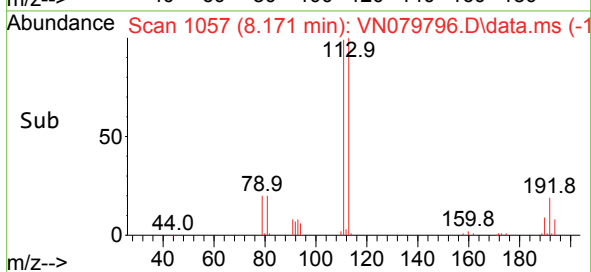
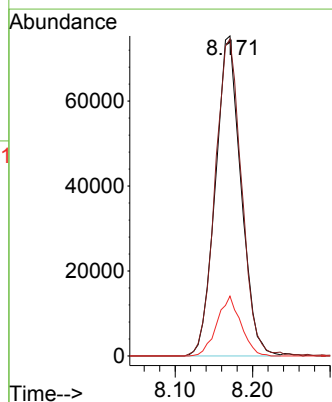
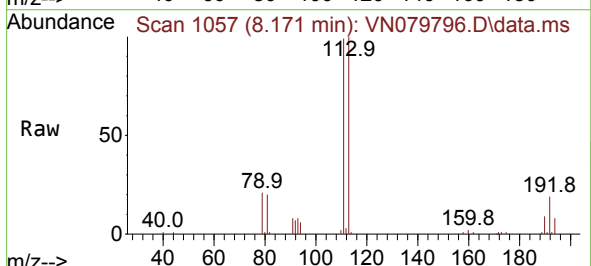
Tgt Ion:113 Resp: 172994

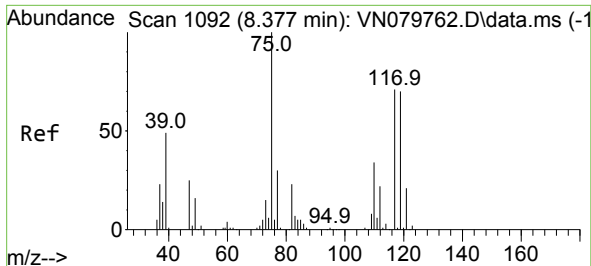
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.5 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.600 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-TB-20231030

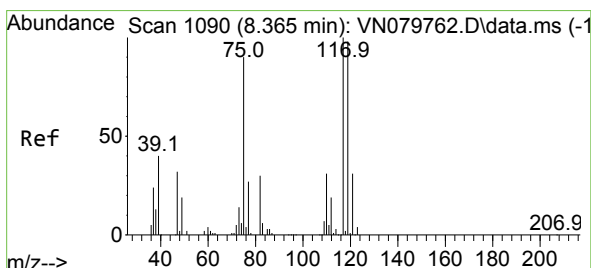
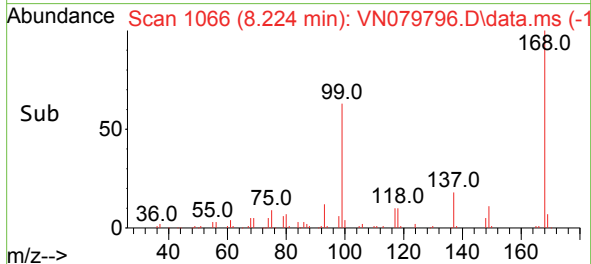
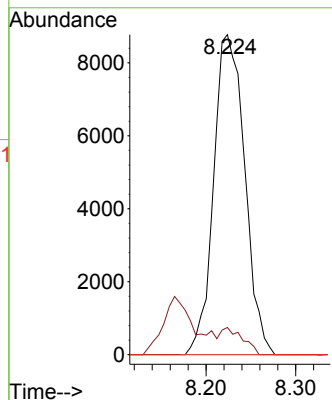
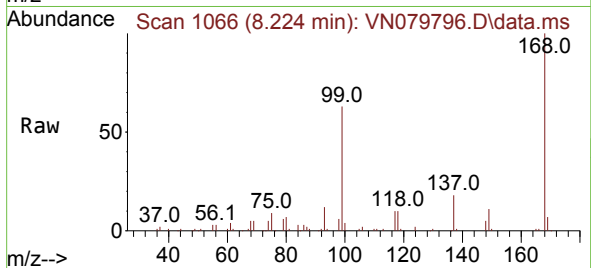
Tgt Ion: 75 Resp: 21093

Ion Ratio Lower Upper

75 100

110 6.0 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.667 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

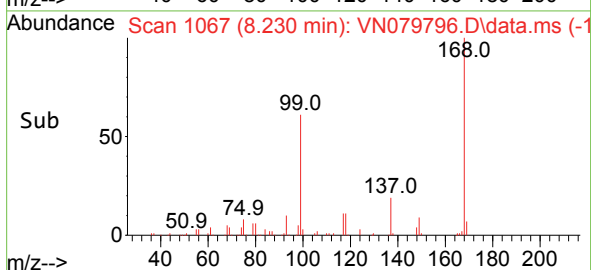
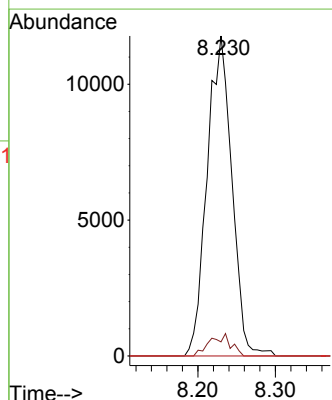
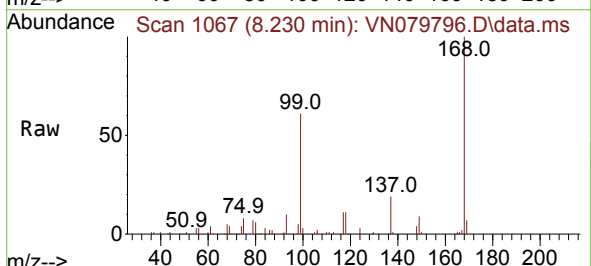
Tgt Ion: 117 Resp: 26191

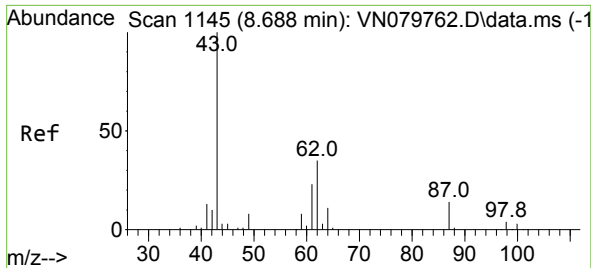
Ion Ratio Lower Upper

117 100

119 4.4 77.3 115.9#

121 0.0 23.3 34.9#

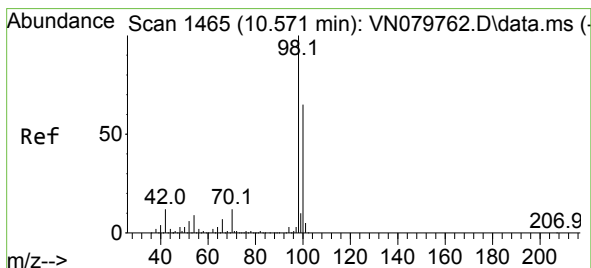
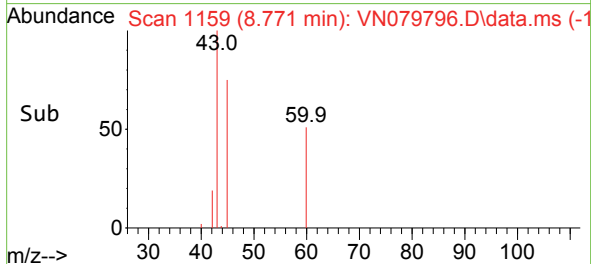
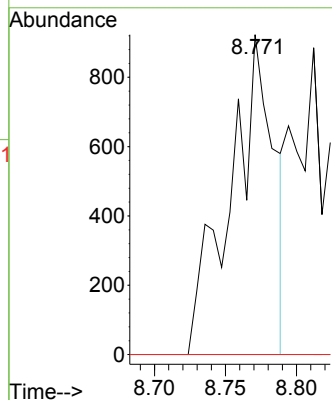
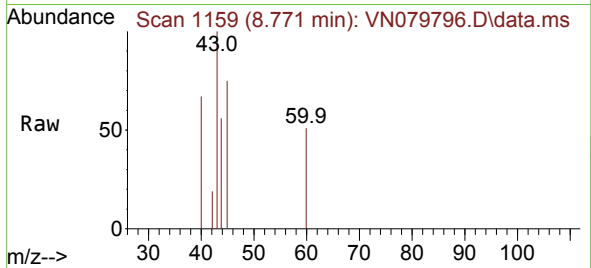




#43
Isopropyl Acetate
Concen: 0.267 ug/l
RT: 8.771 min Scan# 1159
Delta R.T. 0.083 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

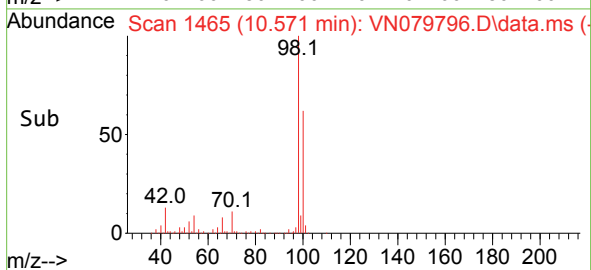
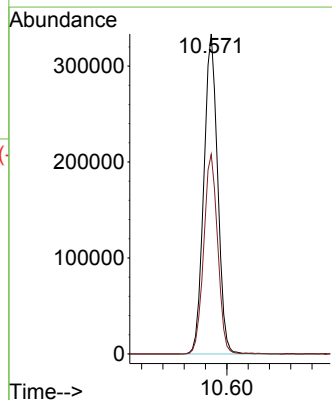
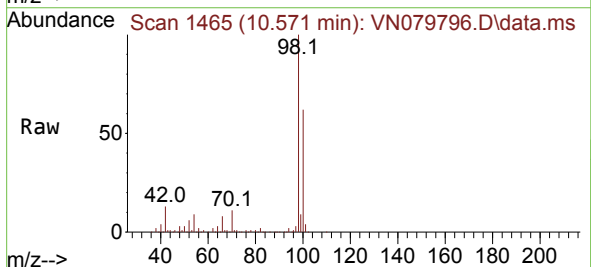
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-TB-20231030

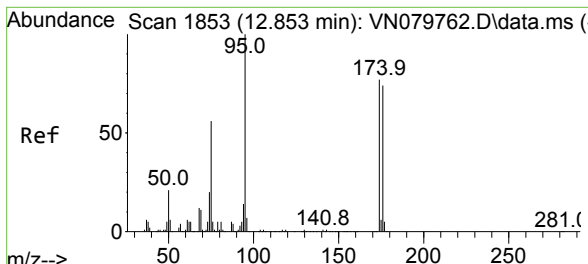
Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 50.627 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

Tgt Ion: 98 Resp: 598548
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

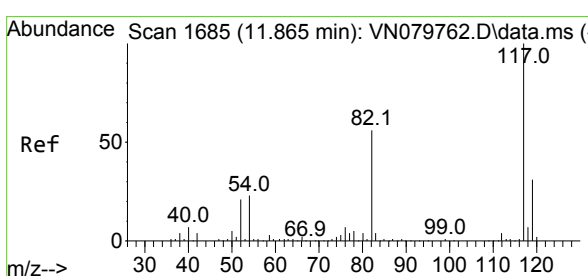
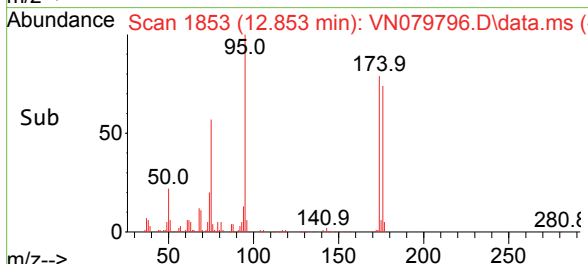
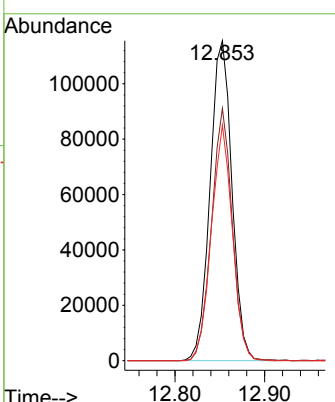
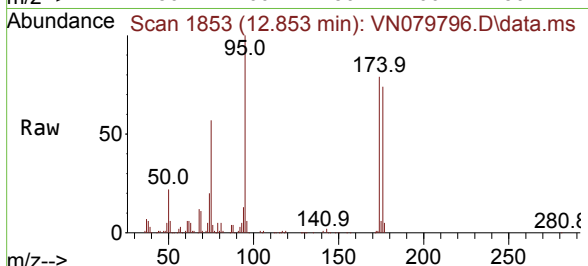




#62
 4-Bromofluorobenzene
 Concen: 49.788 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079796.D
 Acq: 02 Nov 2023 14:47

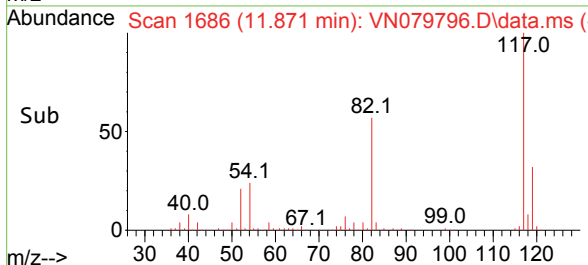
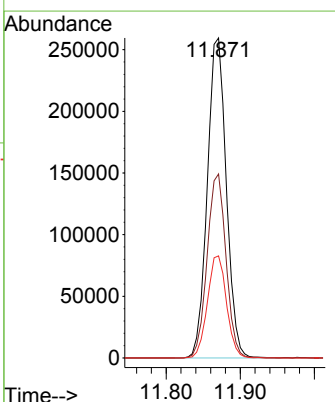
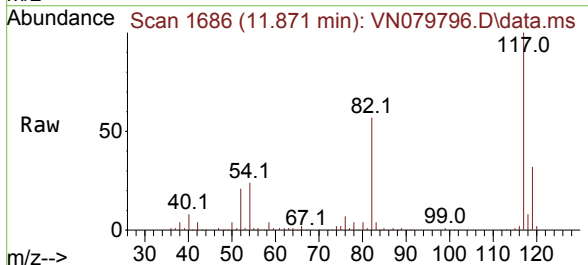
Instrument : MSVOA_N
 ClientSampleId : BP-VPB-188-TB-20231030

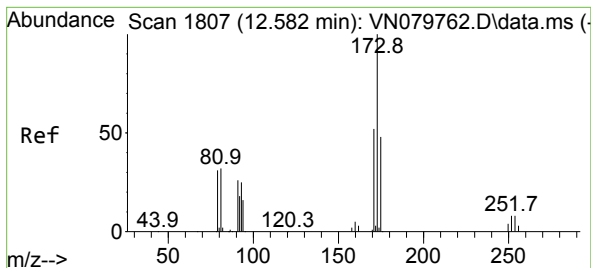
Tgt Ion:	95	Resp:	195219
Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	143.8
176	70.7	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079796.D
 Acq: 02 Nov 2023 14:47

Tgt Ion:	117	Resp:	461549
Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.0	66.0
119	31.9	25.6	38.4





#71

Bromoform

Concen: 0.711 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-TB-20231030

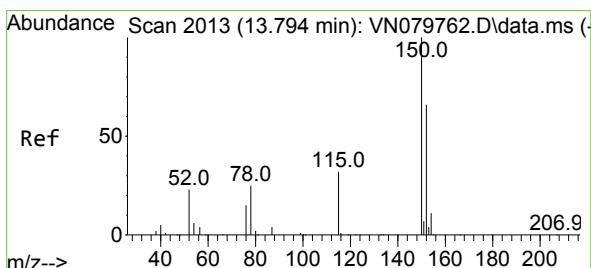
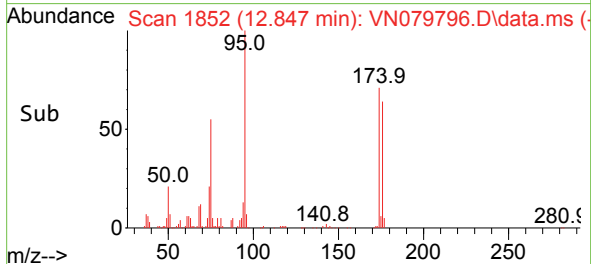
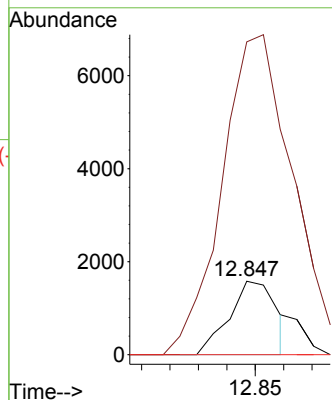
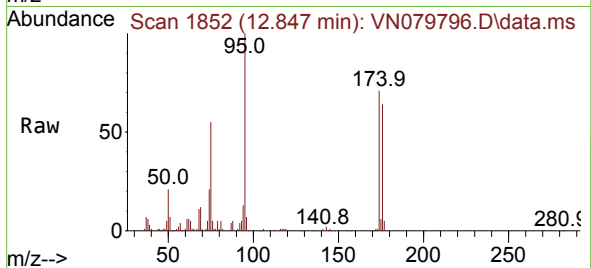
Tgt Ion:173 Resp: 1821

Ion Ratio Lower Upper

173 100

175 530.4 24.3 73.0#

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: VN079796.D

Acq: 02 Nov 2023 14:47

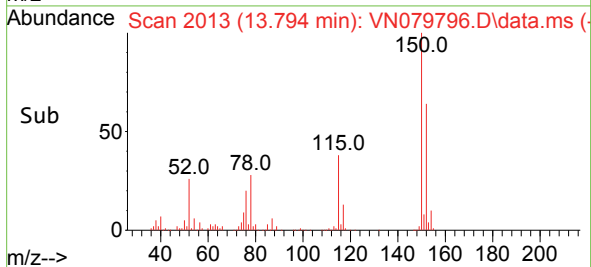
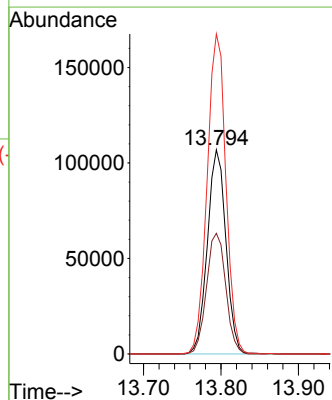
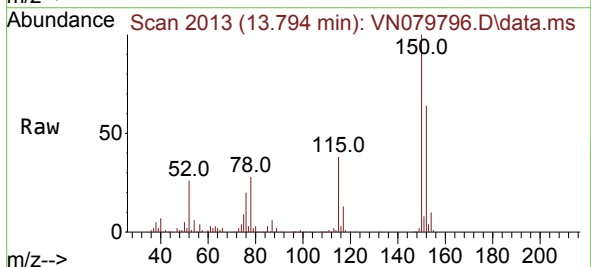
Tgt Ion:152 Resp: 177810

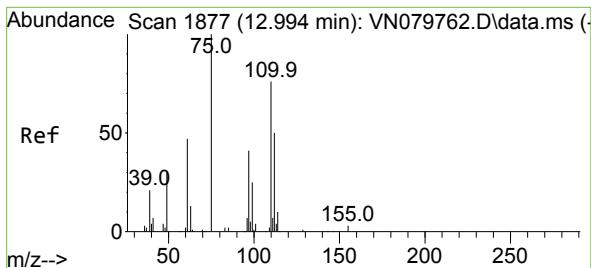
Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 158.2 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 25.544 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

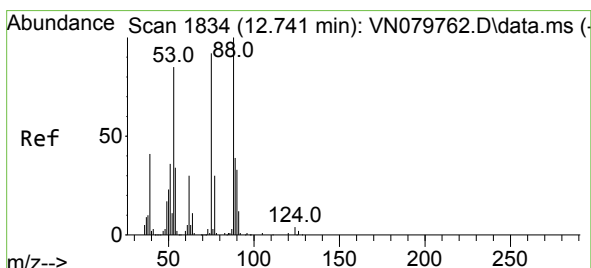
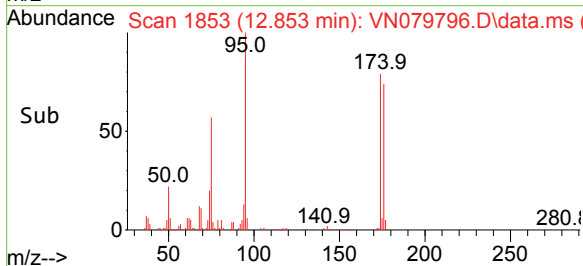
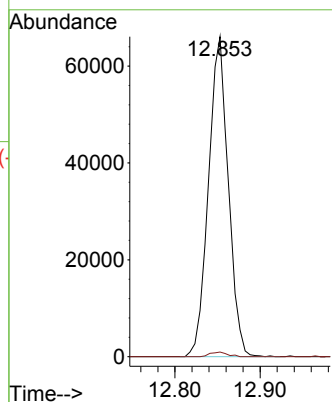
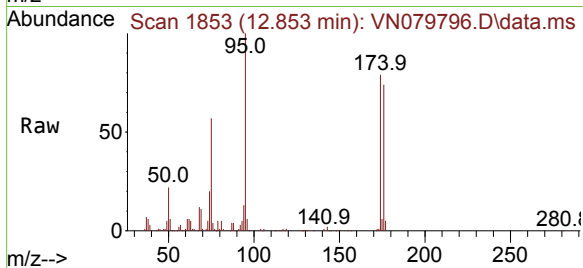
BP-VPB-188-TB-20231030

Tgt Ion: 75 Resp: 106631

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.498 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

Tgt Ion: 75 Resp: 106631

Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.1 38.8 58.2#

