

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082578.D
 Acq On : 14 Jun 2024 13:13
 Operator : JC\MD
 Sample : P2891-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-TB-20240610

Quant Time: Jun 14 23:45:10 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)

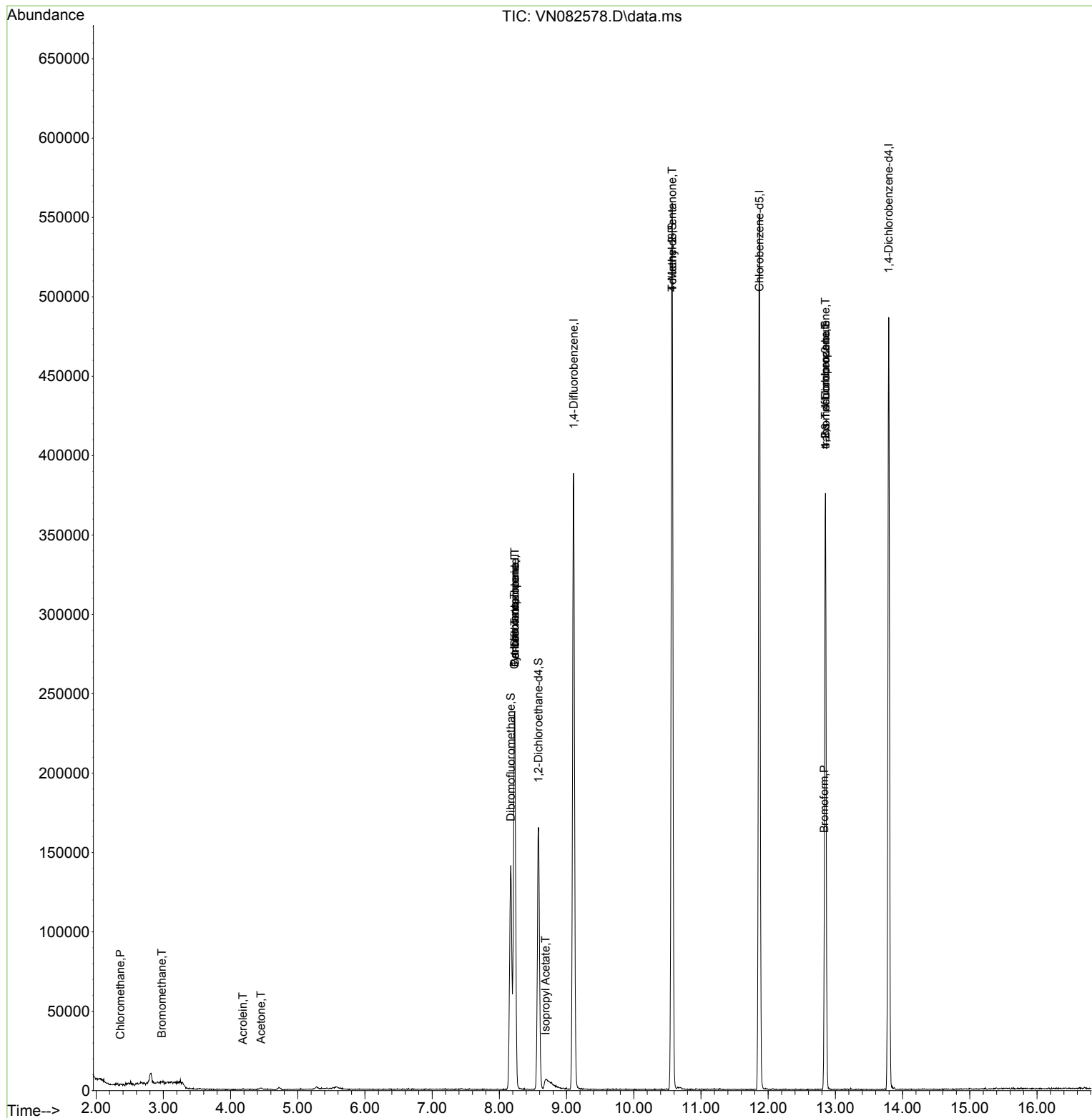
Internal Standards						
1) Pentafluorobenzene	8.230	168	166246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	312720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	296051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136242	51.900	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.800%			
35) Dibromofluoromethane	8.171	113	98823	51.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.740%			
50) Toluene-d8	10.571	98	363358	49.267	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.540%			
62) 4-Bromofluorobenzene	12.853	95	120382	45.730	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 91.460%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	863	0.318	ug/l #	88
5) Bromomethane	2.977	94	760	0.518	ug/l #	78
13) Acrolein	4.183	56	110	0.352	ug/l #	15
16) Acetone	4.453	43	1637	1.520	ug/l #	43
31) Cyclohexane	8.224	56	5034	1.201	ug/l #	42
36) 1,1-Dichloropropene	8.230	75	15946	4.942	ug/l #	48
38) Carbon Tetrachloride	8.230	117	18534	5.667	ug/l #	16
43) Isopropyl Acetate	8.688	43	3708	0.580	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2350	0.646	ug/l #	1
71) Bromoform	12.835	173	176	0.802	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	69725	26.897	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	69725	62.912	ug/l #	12

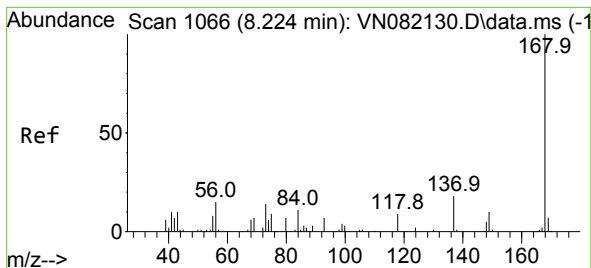
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN082578.D

Acq: 14 Jun 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

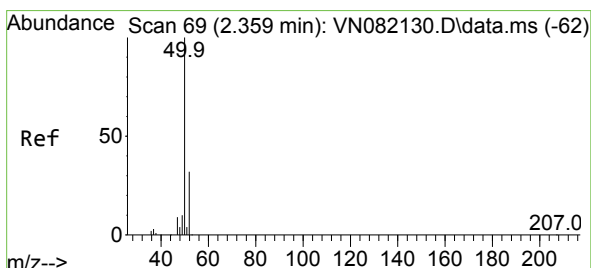
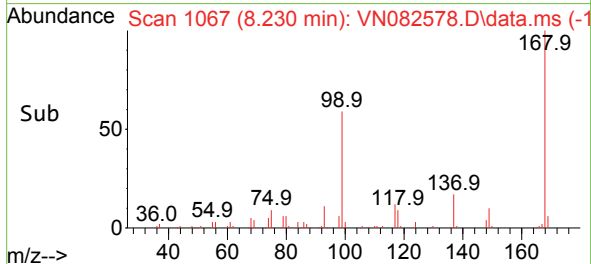
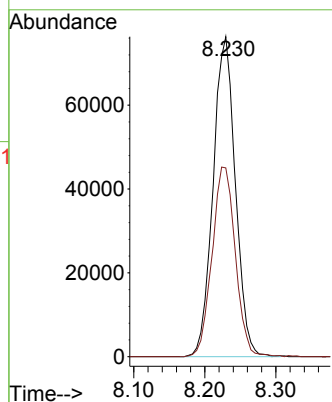
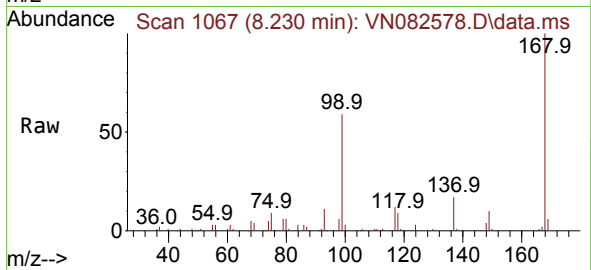
BP-VPB-196-TB-20240610

Tgt Ion:168 Resp: 166246

Ion Ratio Lower Upper

168 100

99 59.0 48.2 72.4



#3

Chloromethane

Concen: 0.318 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN082578.D

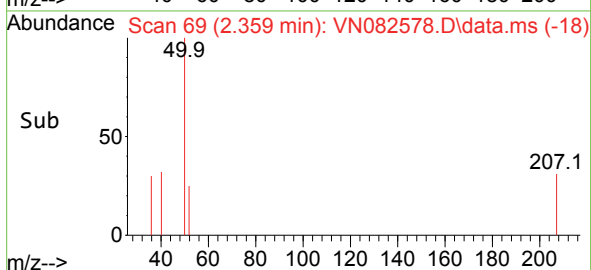
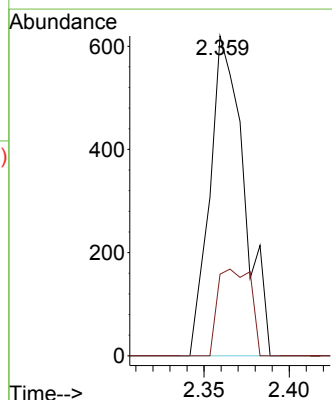
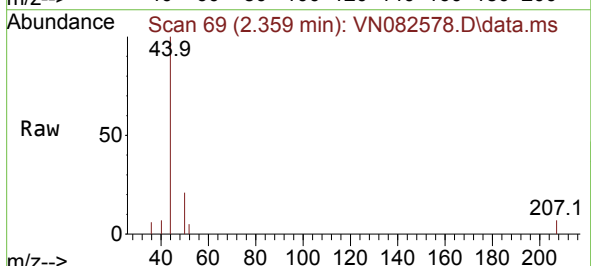
Acq: 14 Jun 2024 13:13

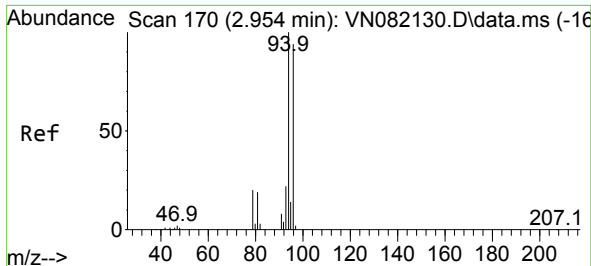
Tgt Ion: 50 Resp: 863

Ion Ratio Lower Upper

50 100

52 25.5 25.5 38.3#

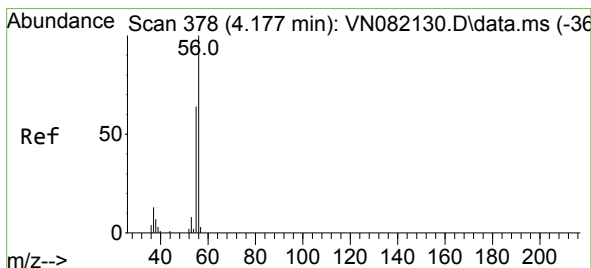
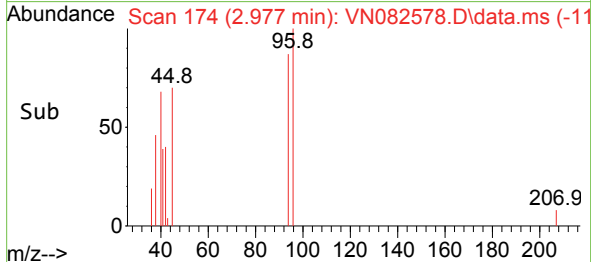
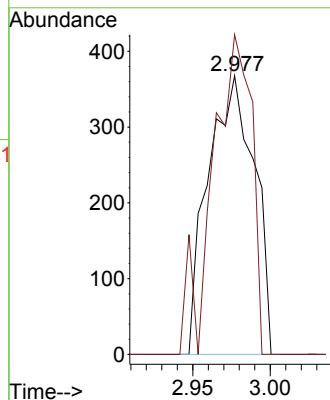
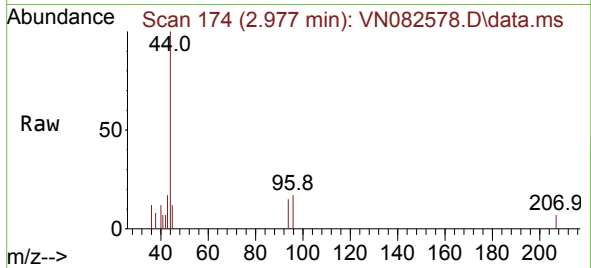




#5
Bromomethane
Concen: 0.518 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN082578.D
Acq: 14 Jun 2024 13:13

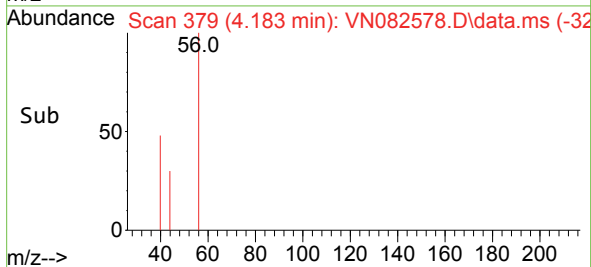
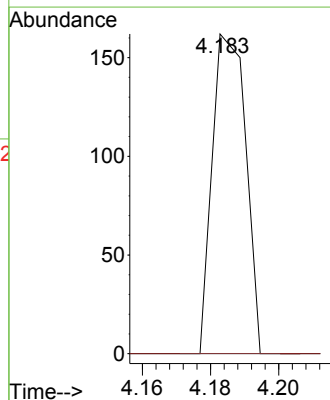
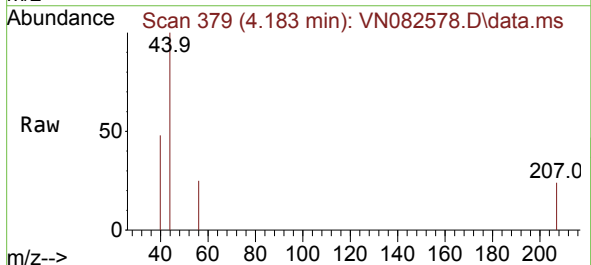
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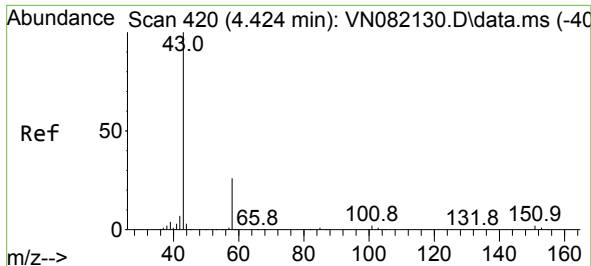
Tgt Ion: 94 Resp: 760
Ion Ratio Lower Upper
94 100
96 114.7 74.8 112.2#



#13
Acrolein
Concen: 0.352 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN082578.D
Acq: 14 Jun 2024 13:13

Tgt Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

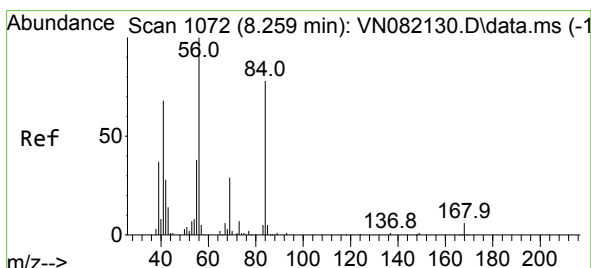
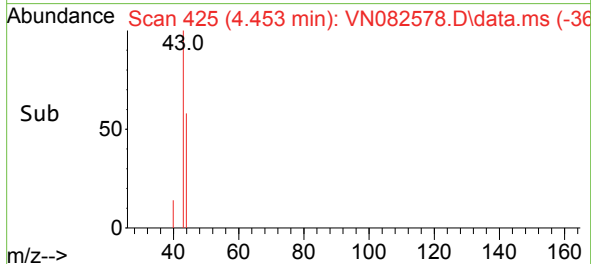
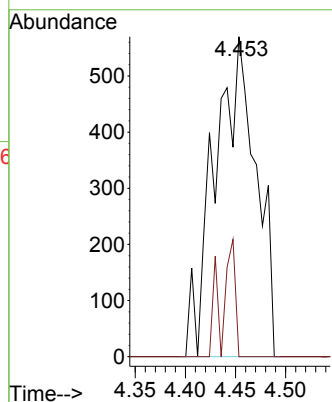
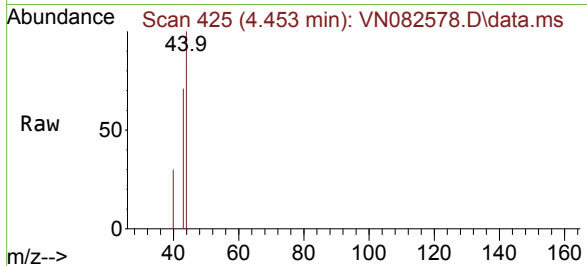




#16
Acetone
Concen: 1.520 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN082578.D
Acq: 14 Jun 2024 13:13

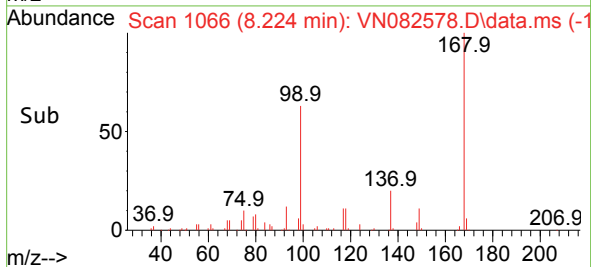
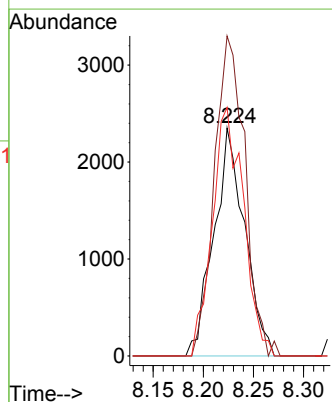
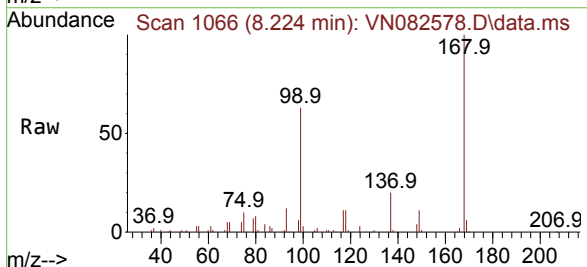
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240610

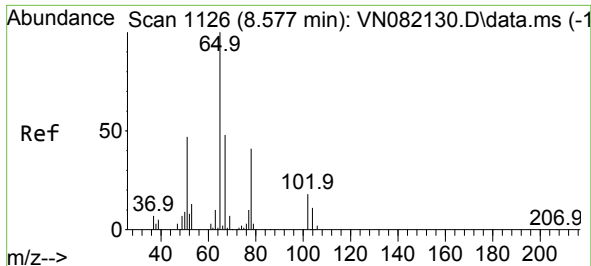
Tgt Ion: 43 Resp: 1637
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#31
Cyclohexane
Concen: 1.201 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082578.D
Acq: 14 Jun 2024 13:13

Tgt Ion: 56 Resp: 5034
Ion Ratio Lower Upper
56 100
69 140.4 24.4 36.6#
84 109.1 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 51.900 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082578.D

Acq: 14 Jun 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

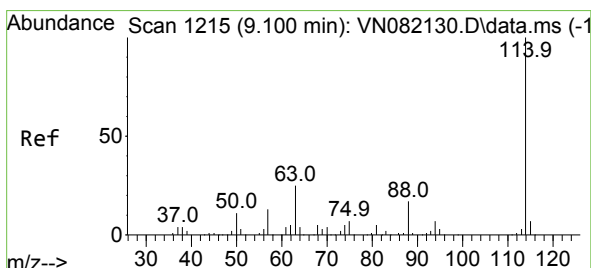
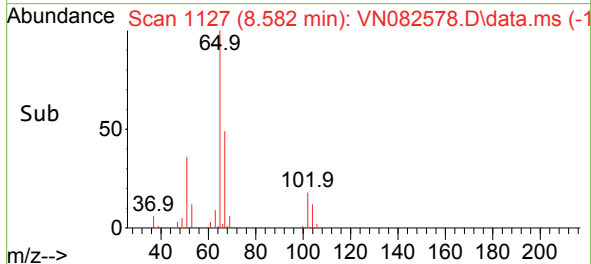
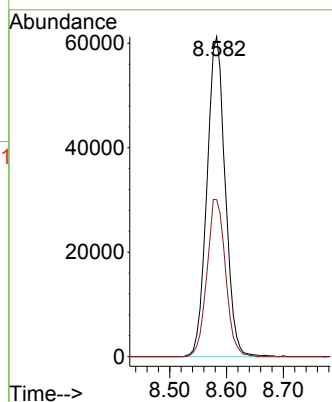
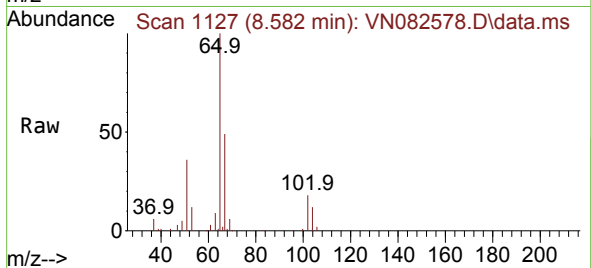
BP-VPB-196-TB-20240610

Tgt Ion: 65 Resp: 136242

Ion Ratio Lower Upper

65 100

67 50.0 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: VN082578.D

Acq: 14 Jun 2024 13:13

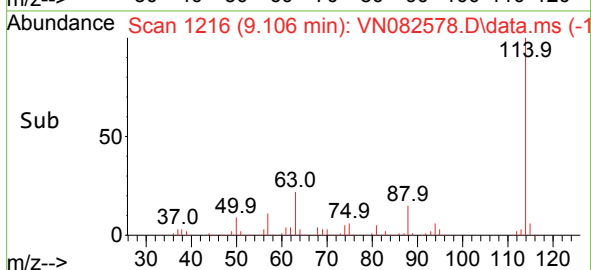
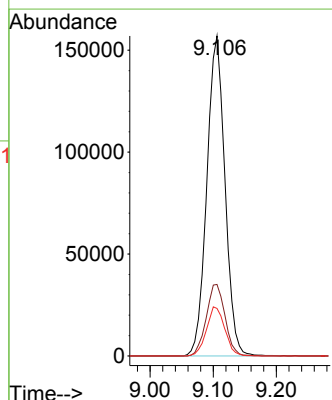
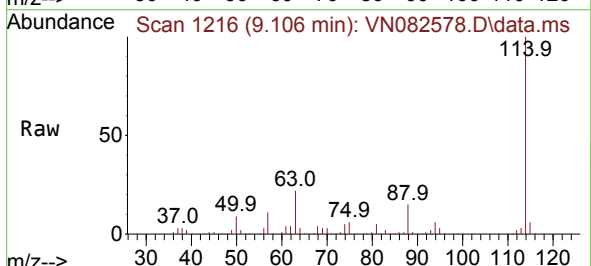
Tgt Ion: 114 Resp: 312720

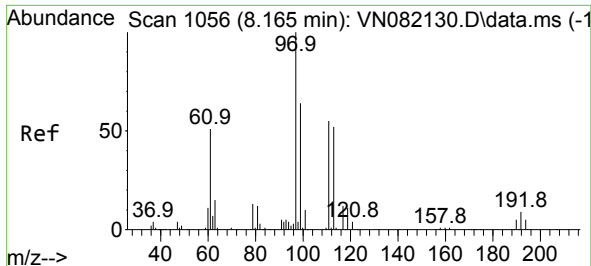
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.0

88 14.9 0.0 31.4

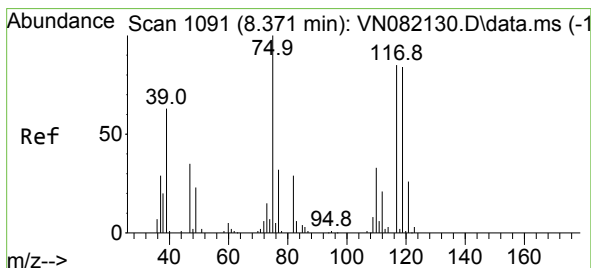
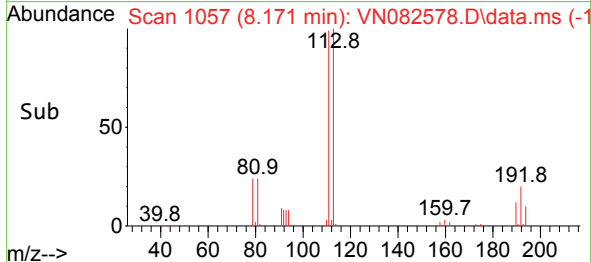
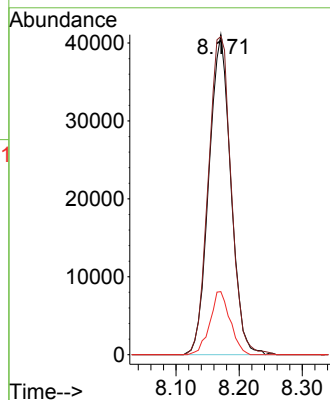
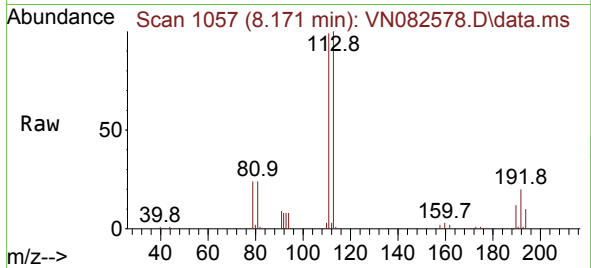




#35
 Dibromofluoromethane
 Concen: 51.371 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN082578.D
 Acq: 14 Jun 2024 13:13

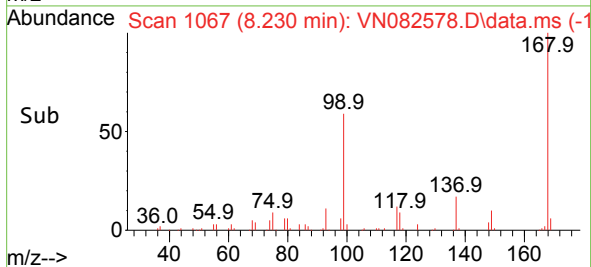
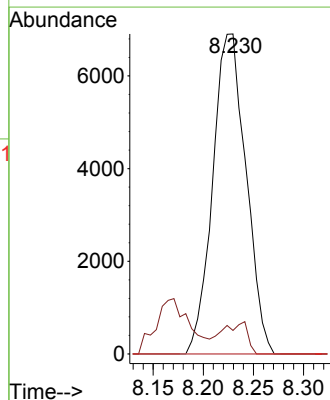
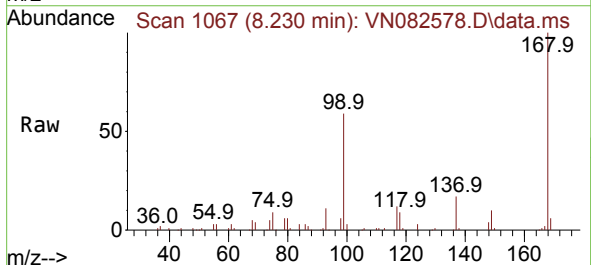
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 BP-VPB-196-TB-20240610

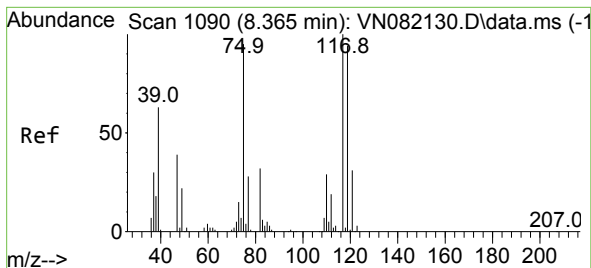
Tgt Ion:113 Resp: 98823
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.4 125.2
 192 18.2 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 4.942 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.141 min
 Lab File: VN082578.D
 Acq: 14 Jun 2024 13:13

Tgt Ion: 75 Resp: 15946
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.8 53.5#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.667 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082578.D

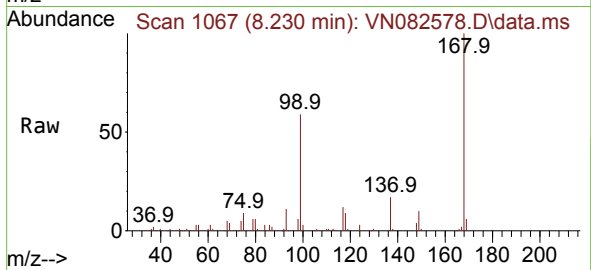
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Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240610



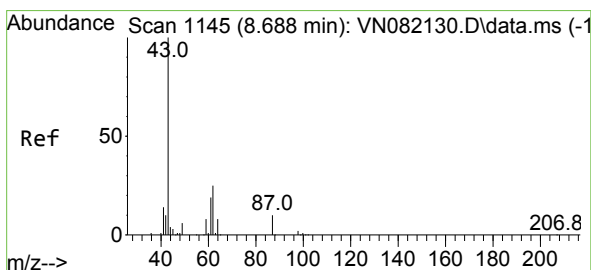
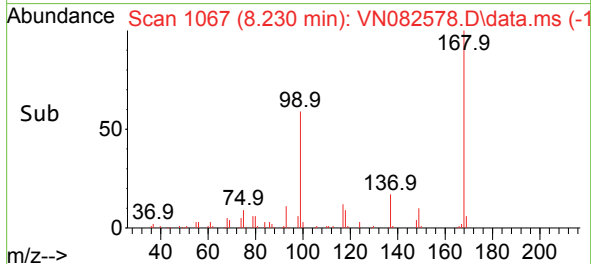
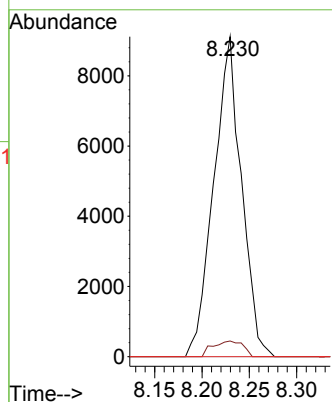
Tgt Ion:117 Resp: 18534

Ion Ratio Lower Upper

117 100

119 4.9 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.580 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082578.D

Acq: 14 Jun 2024 13:13

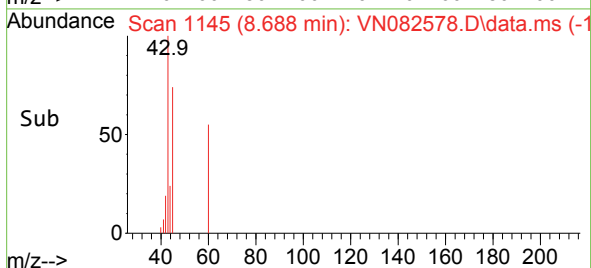
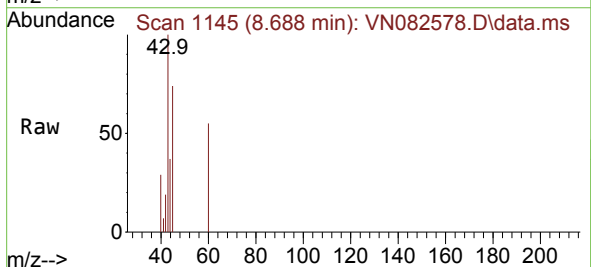
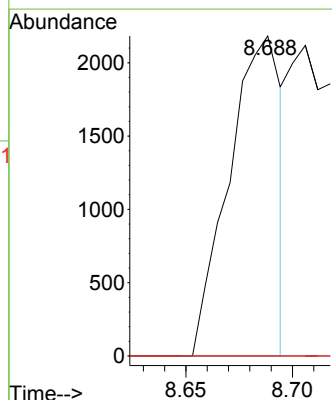
Tgt Ion: 43 Resp: 3708

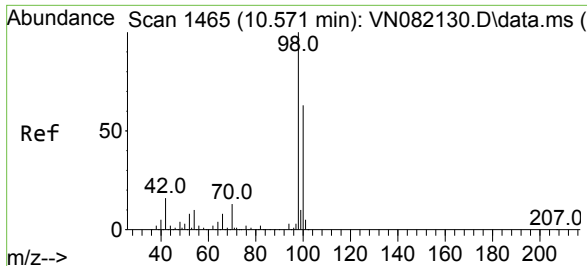
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

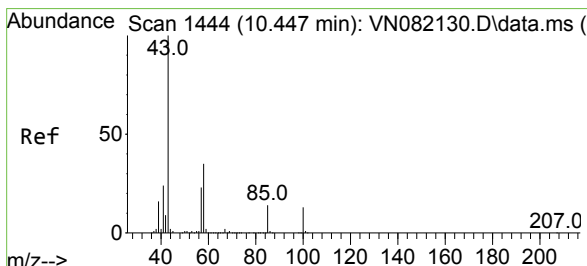
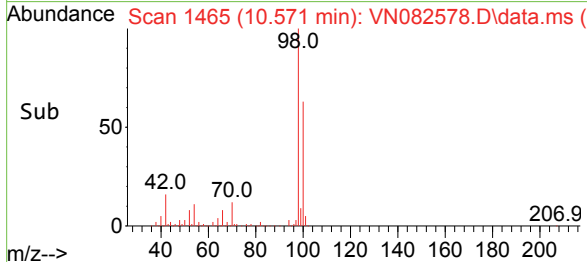
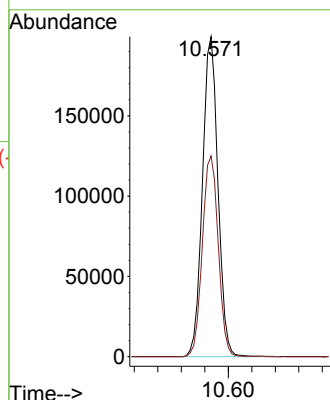
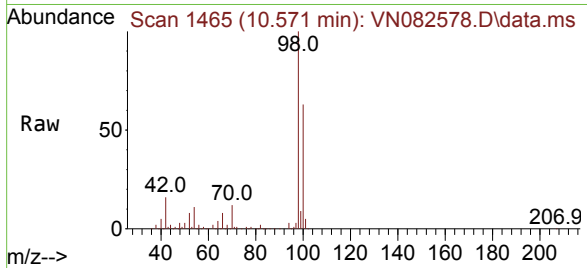




#50
Toluene-d8
Concen: 49.267 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082578.D
Acq: 14 Jun 2024 13:13

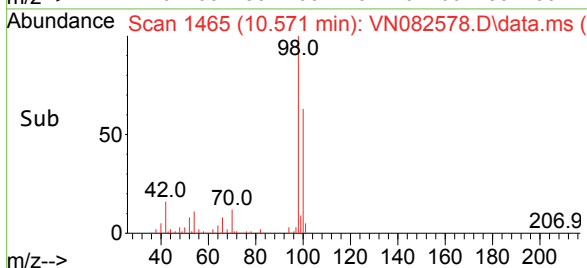
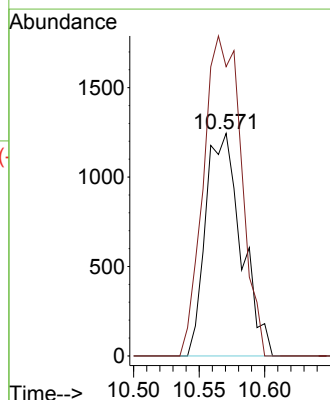
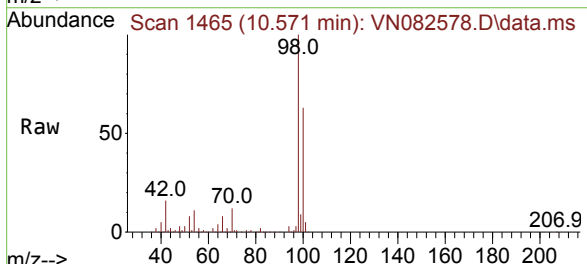
Instrument :
MSVOA_N
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BP-VPB-196-TB-20240610

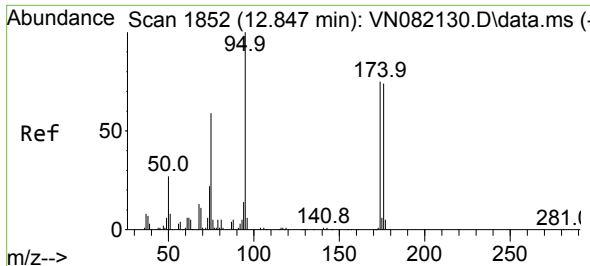
Tgt Ion: 98 Resp: 363358
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.646 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN082578.D
Acq: 14 Jun 2024 13:13

Tgt Ion: 43 Resp: 2350
Ion Ratio Lower Upper
43 100
58 152.5 33.2 49.8#

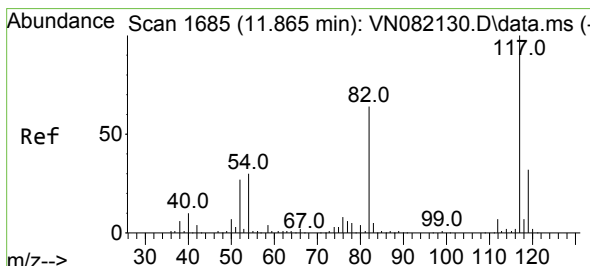
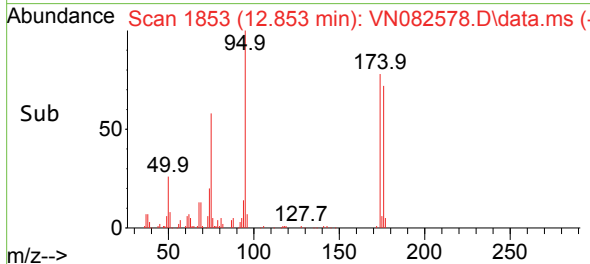
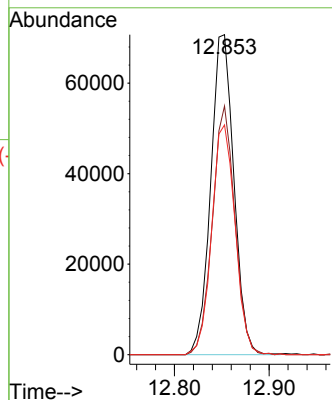
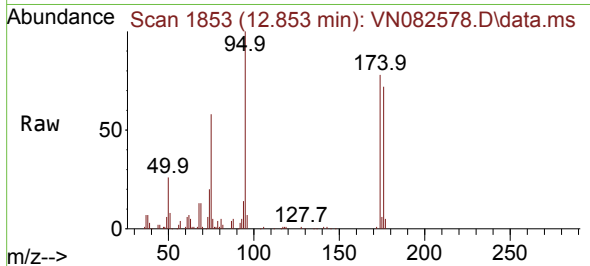




#62
4-Bromofluorobenzene
Concen: 45.730 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082578.D
Acq: 14 Jun 2024 13:13

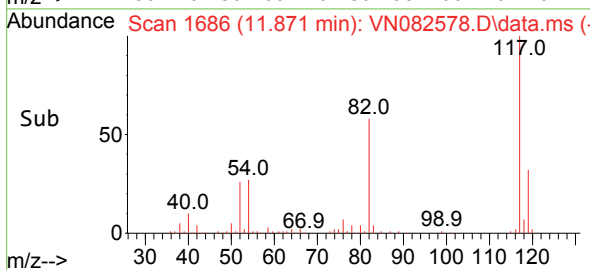
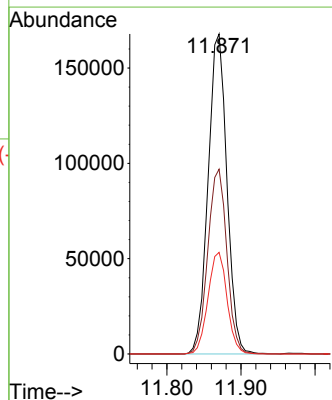
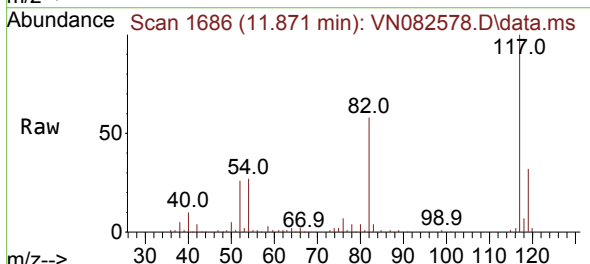
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240610

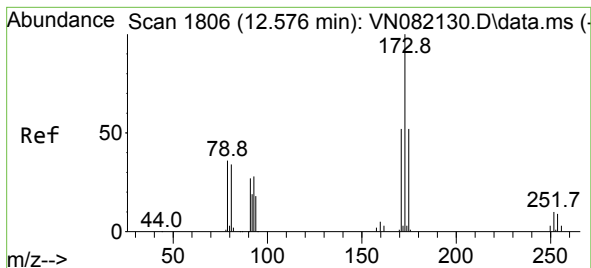
Tgt Ion: 95 Resp: 120382
Ion Ratio Lower Upper
95 100
174 75.5 0.0 160.6
176 72.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082578.D
Acq: 14 Jun 2024 13:13

Tgt Ion: 117 Resp: 296051
Ion Ratio Lower Upper
117 100
82 57.8 44.6 66.8
119 31.8 25.9 38.9





#71

Bromoform

Concen: 0.802 ug/l

RT: 12.835 min Scan# 11

Delta R.T. 0.259 min

Lab File: VN082578.D

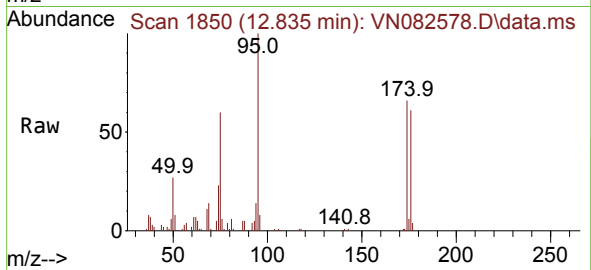
Acq: 14 Jun 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240610



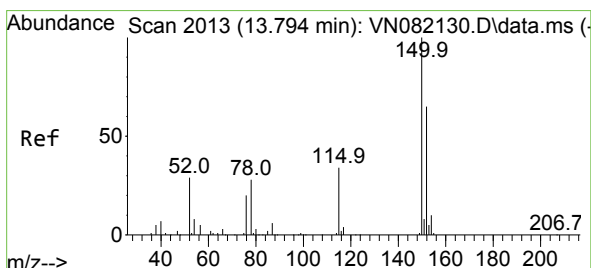
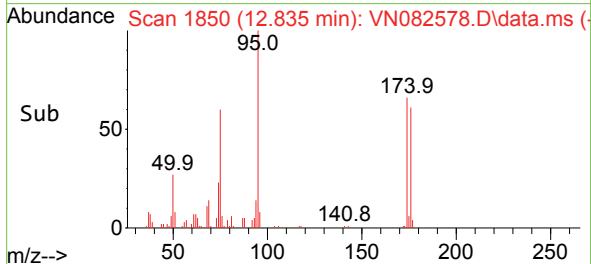
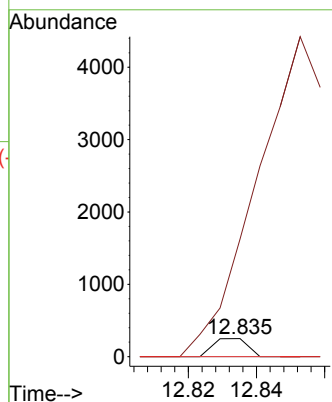
Tgt Ion:173 Resp: 176

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: VN082578.D

Acq: 14 Jun 2024 13:13

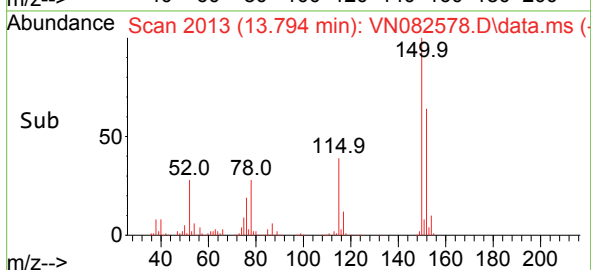
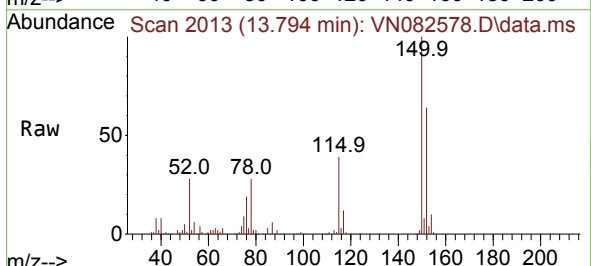
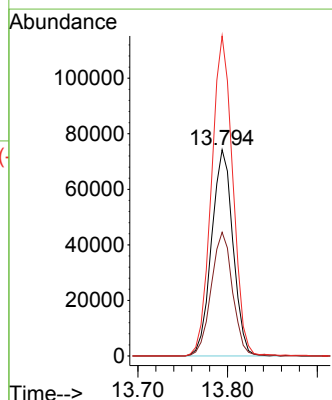
Tgt Ion:152 Resp: 123161

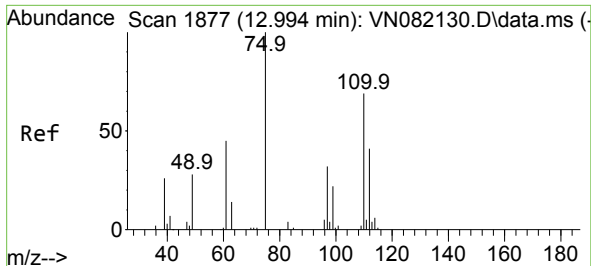
Ion Ratio Lower Upper

152 100

115 59.6 30.4 91.3

150 154.6 0.0 353.2

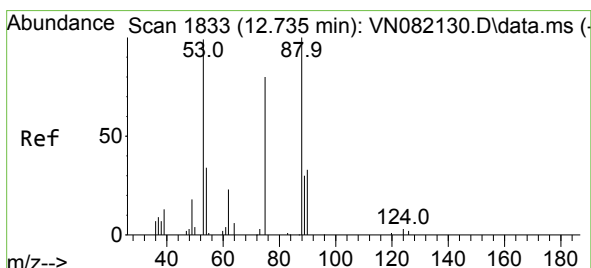
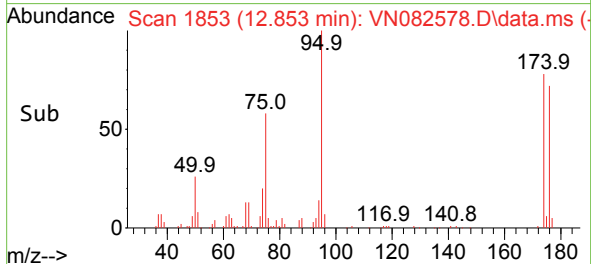
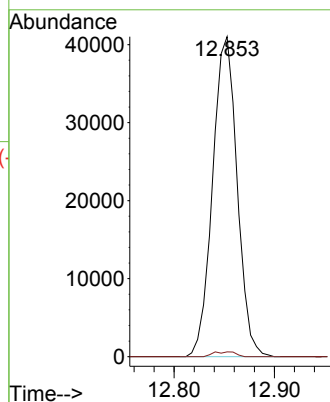
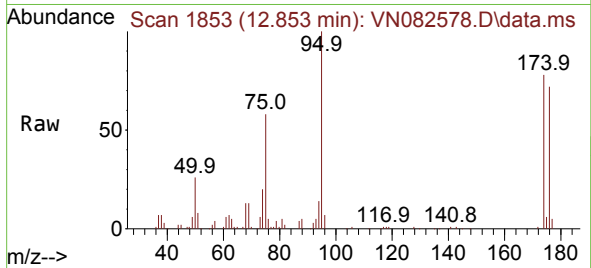




#76
1,2,3-Trichloropropane
Concen: 26.897 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082578.D
Acq: 14 Jun 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240610

Tgt Ion: 75 Resp: 69725
Ion Ratio Lower Upper
75 100
77 1.4 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.912 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082578.D
Acq: 14 Jun 2024 13:13

Tgt Ion: 75 Resp: 69725
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

