

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082579.D
 Acq On : 14 Jun 2024 13:37
 Operator : JC\MD
 Sample : P2891-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 14 23:45:30 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)

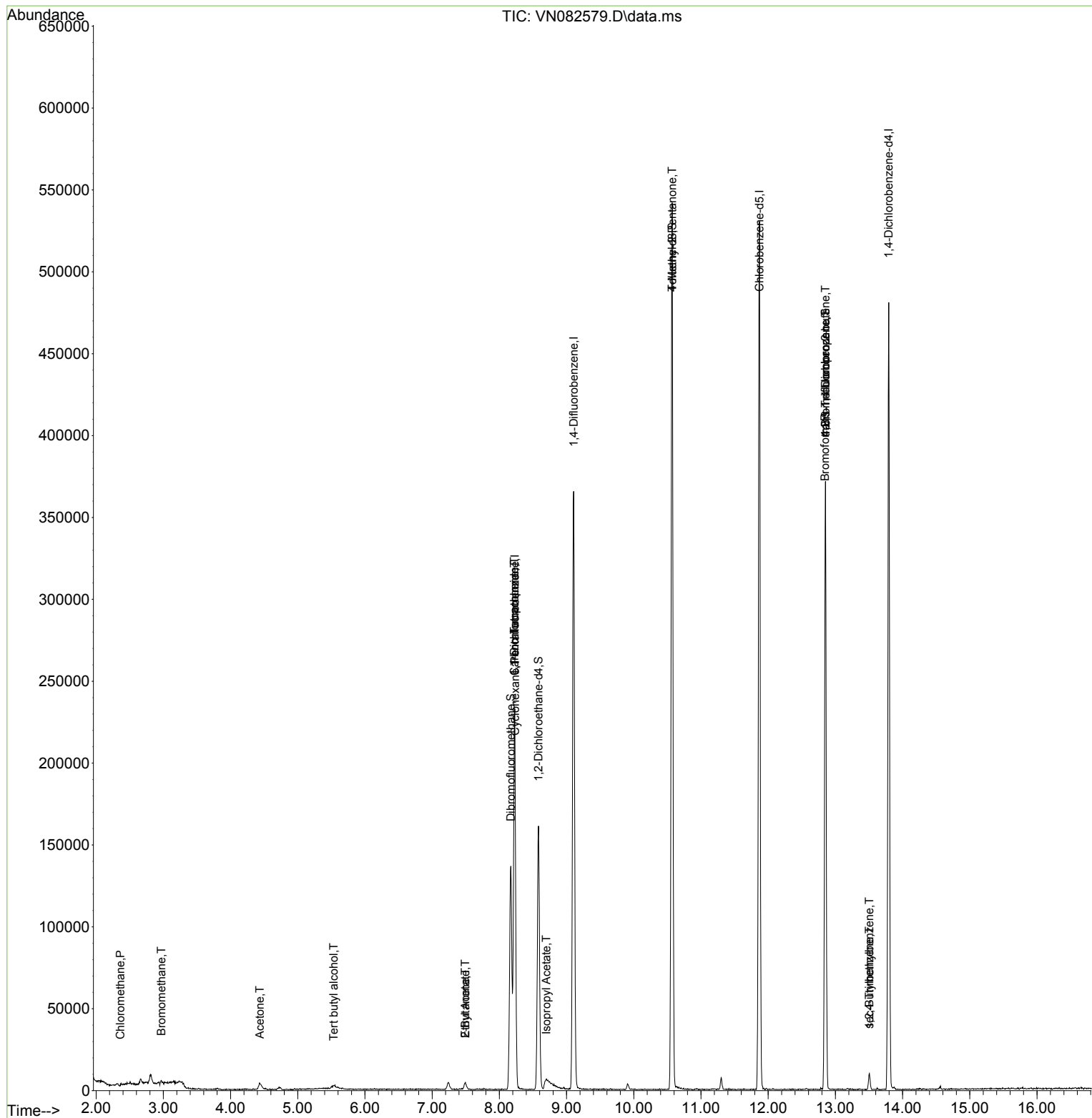
Internal Standards						
1) Pentafluorobenzene	8.230	168	158056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	282992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	132784	53.204	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.400%		
35) Dibromofluoromethane	8.171	113	95656	52.808	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.620%		
50) Toluene-d8	10.571	98	349762	50.363	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.720%		
62) 4-Bromofluorobenzene	12.853	95	115228	46.486	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 92.980%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	783	0.303	ug/l	98
5) Bromomethane	2.971	94	685	0.491	ug/l	97
11) Tert butyl alcohol	5.536	59	2609	6.512	ug/l #	85
16) Acetone	4.436	43	7971	7.786	ug/l #	87
25) 2-Butanone	7.494	43	7705	4.964	ug/l #	69
31) Cyclohexane	8.235	56	4727	1.186	ug/l #	42
36) 1,1-Dichloropropene	8.224	75	14714	4.843	ug/l #	47
37) Ethyl Acetate	7.494	43	7705	2.266	ug/l #	68
38) Carbon Tetrachloride	8.224	117	16940	5.501	ug/l #	16
43) Isopropyl Acetate	8.700	43	4508	0.748	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2373	0.693	ug/l #	1
71) Bromoform	12.847	173	1179	1.411	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	67737	27.012	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	67737	63.181	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.506	105	3351	0.428	ug/l #	31
85) sec-Butylbenzene	13.506	105	3351	0.361	ug/l #	56

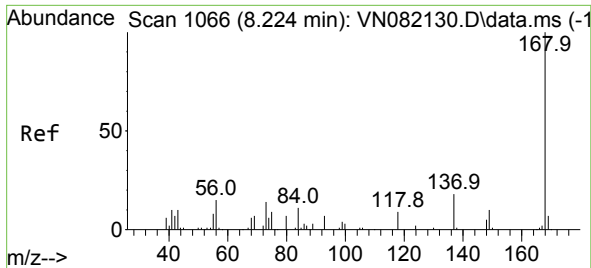
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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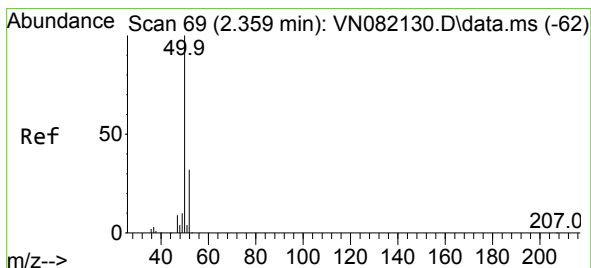
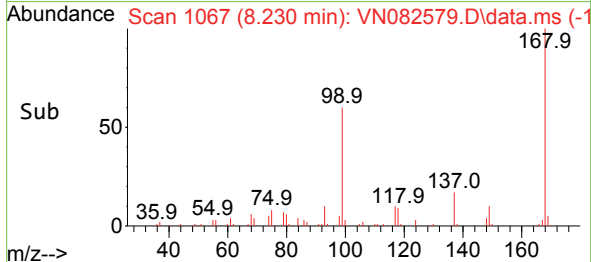
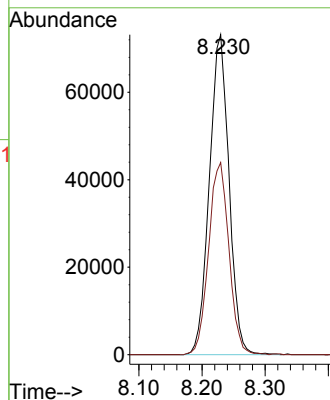
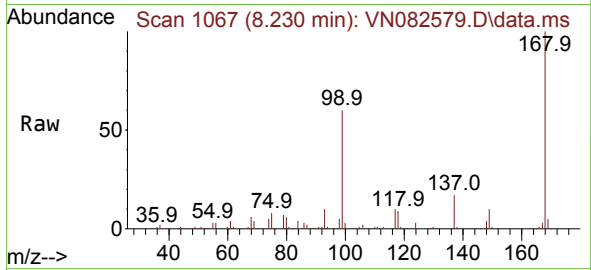




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

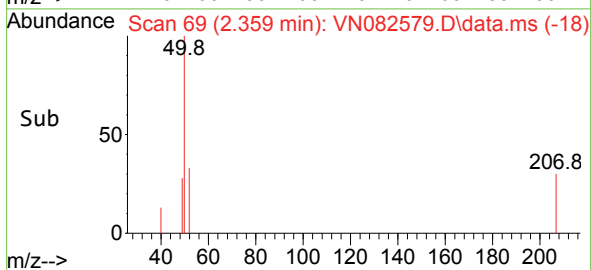
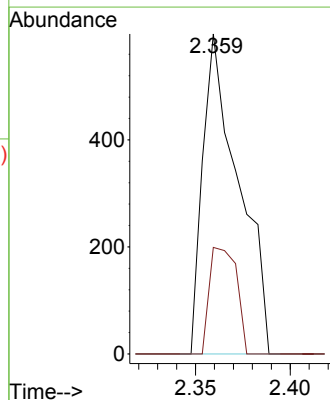
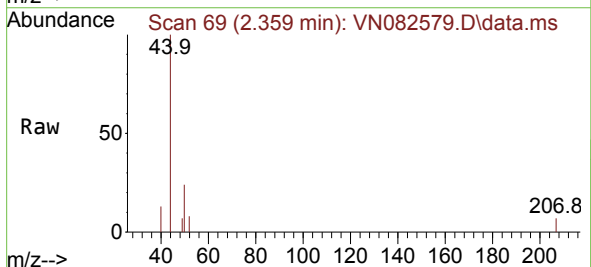
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240610

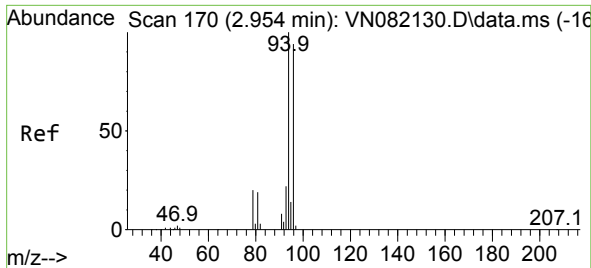
Tgt Ion:168 Resp: 158056
Ion Ratio Lower Upper
168 100
99 60.0 48.2 72.4



#3
Chloromethane
Concen: 0.303 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

Tgt Ion: 50 Resp: 783
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

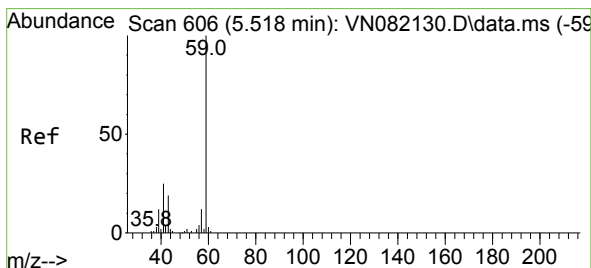
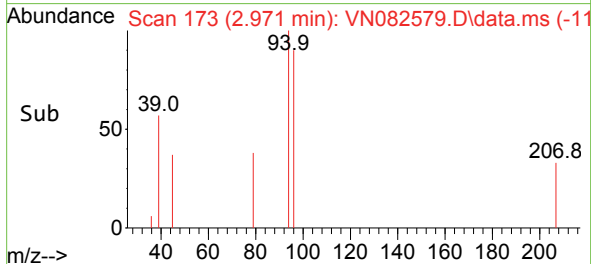
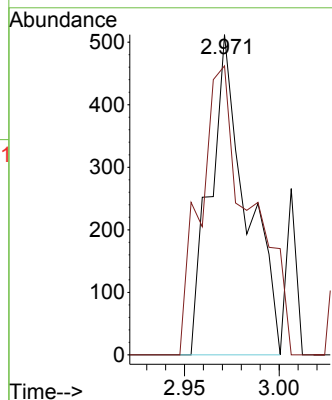
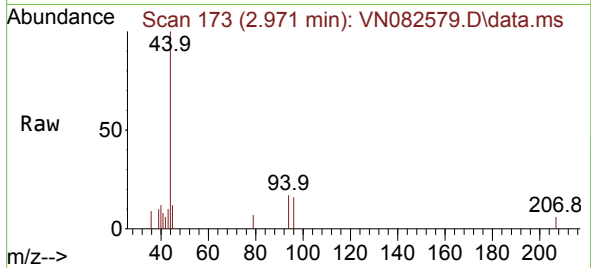




#5
Bromomethane
Concen: 0.491 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

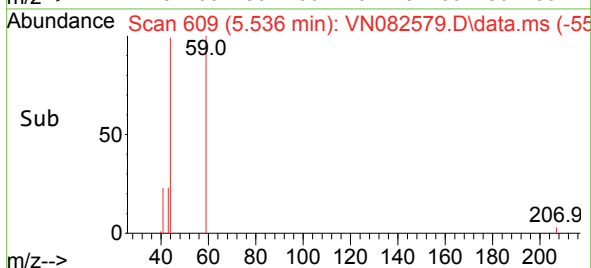
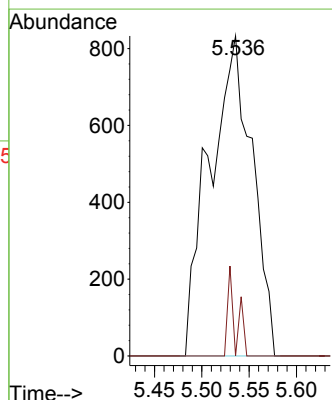
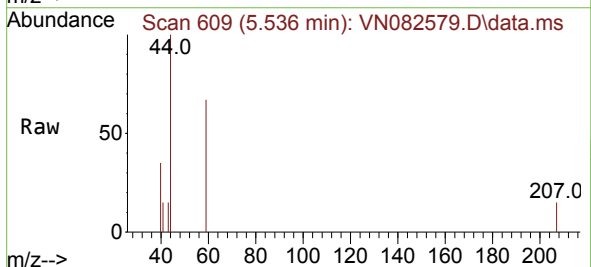
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240610

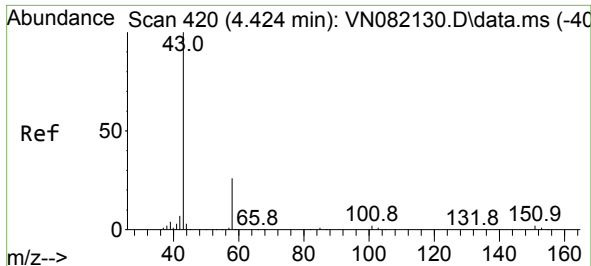
Tgt Ion: 94 Resp: 685
Ion Ratio Lower Upper
94 100
96 90.2 74.8 112.2



#11
Tert butyl alcohol
Concen: 6.512 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.018 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

Tgt Ion: 59 Resp: 2609
Ion Ratio Lower Upper
59 100
57 5.3 8.9 13.3#

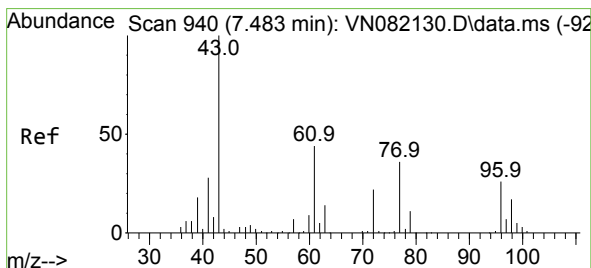
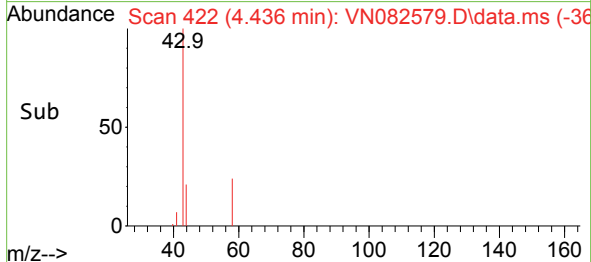
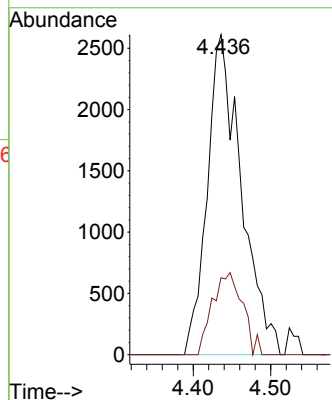
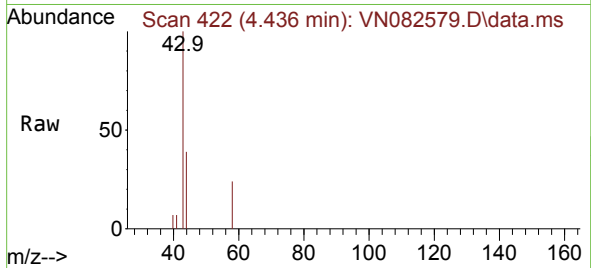




#16
Acetone
Concen: 7.786 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

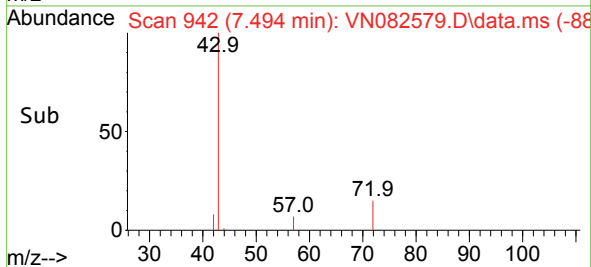
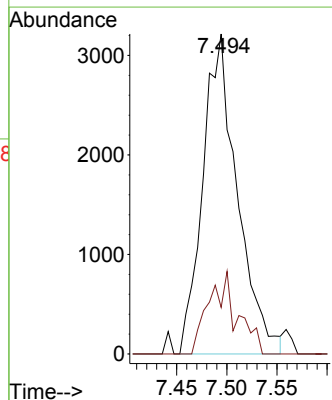
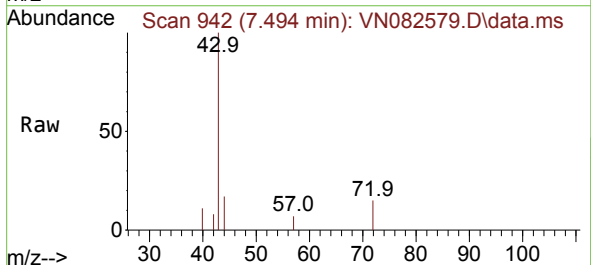
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240610

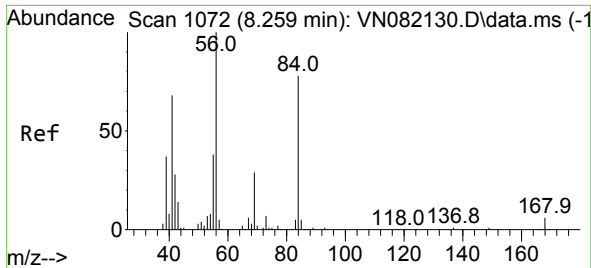
Tgt Ion: 43 Resp: 7971
Ion Ratio Lower Upper
43 100
58 24.1 25.2 37.8#



#25
2-Butanone
Concen: 4.964 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

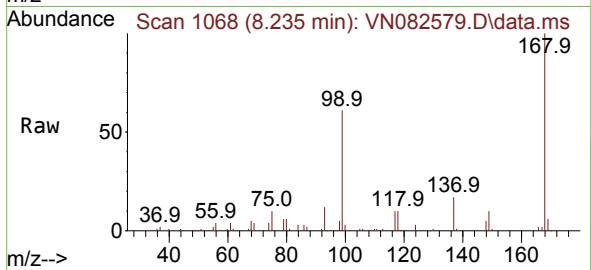
Tgt Ion: 43 Resp: 7705
Ion Ratio Lower Upper
43 100
72 14.6 25.3 37.9#



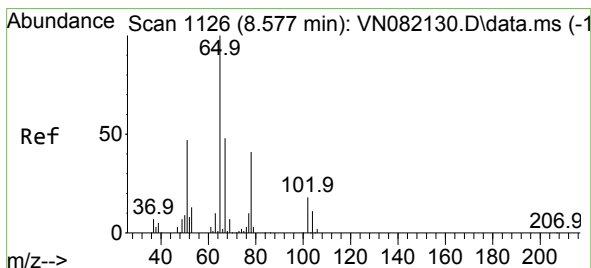
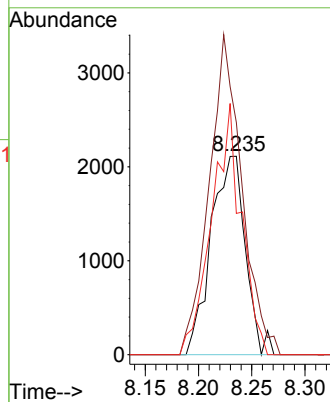
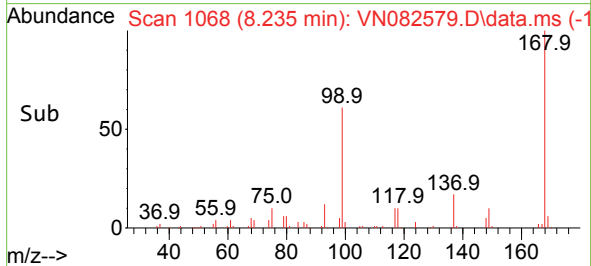


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

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

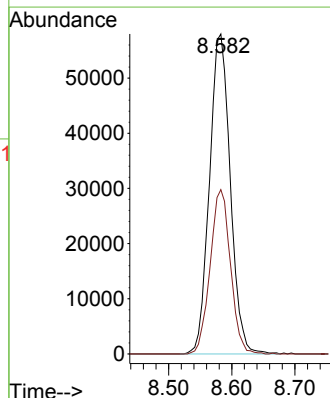
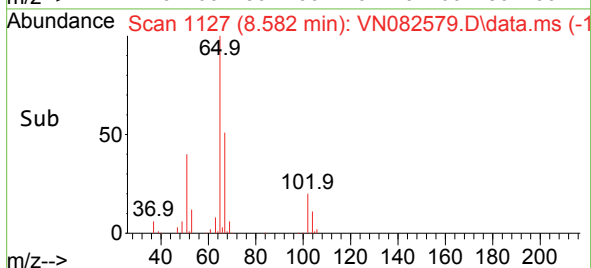
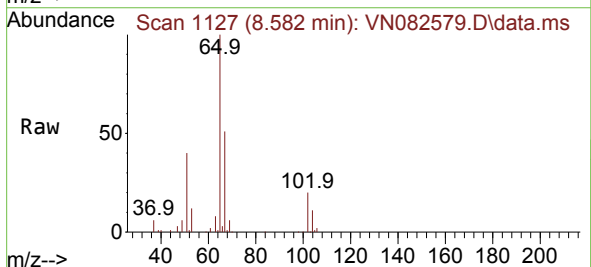


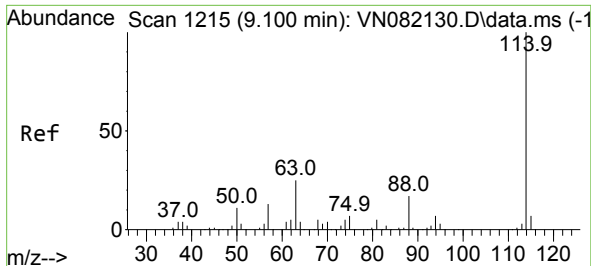
Tgt Ion: 56 Resp: 4727
Ion Ratio Lower Upper
56 100
69 117.0 24.4 36.6#
84 71.2 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 53.204 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

Tgt Ion: 65 Resp: 132784
Ion Ratio Lower Upper
65 100
67 50.1 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: VN082579.D

Acq: 14 Jun 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-EB-20240610

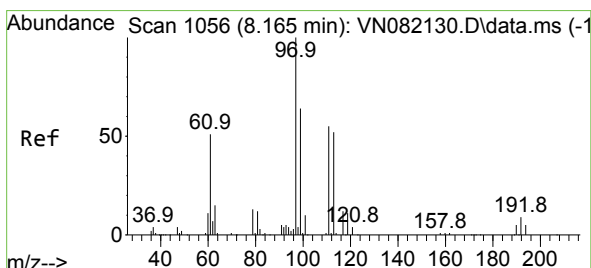
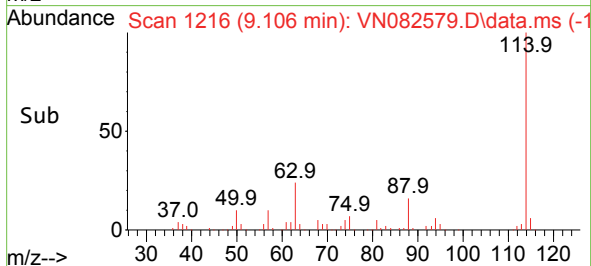
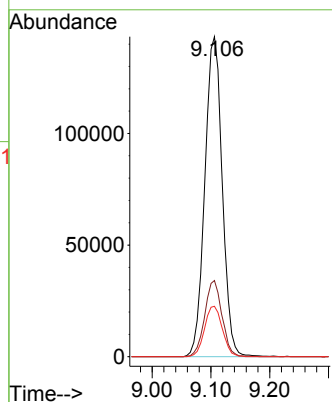
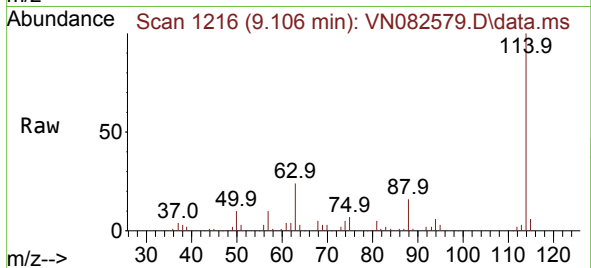
Tgt Ion:114 Resp: 294464

Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.808 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082579.D

Acq: 14 Jun 2024 13:37

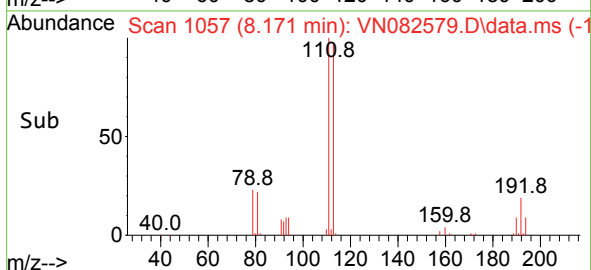
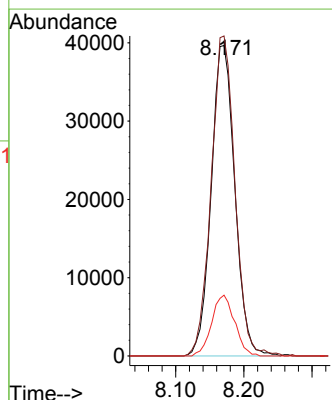
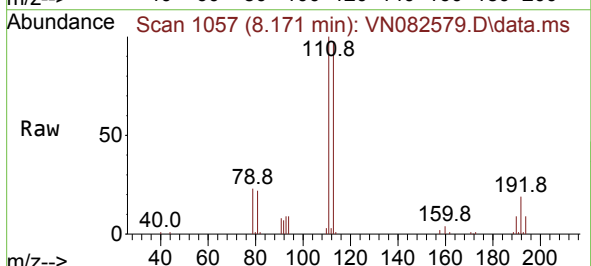
Tgt Ion:113 Resp: 95656

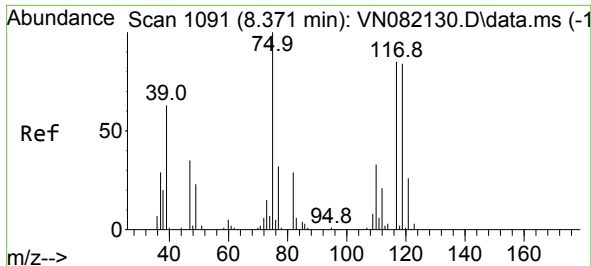
Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

192 19.1 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.843 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082579.D

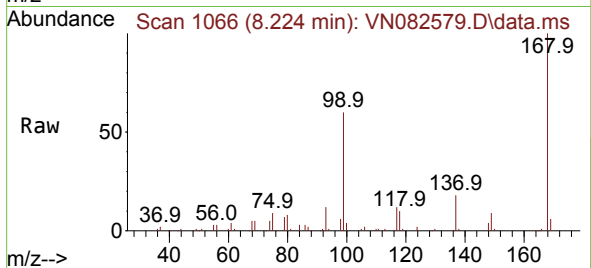
Acq: 14 Jun 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-EB-20240610



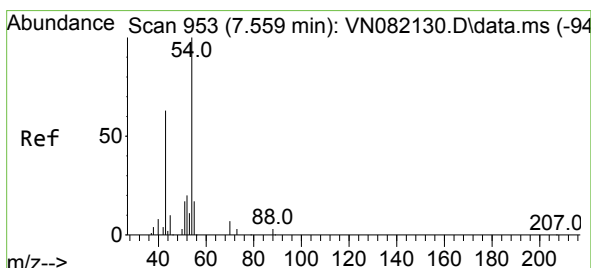
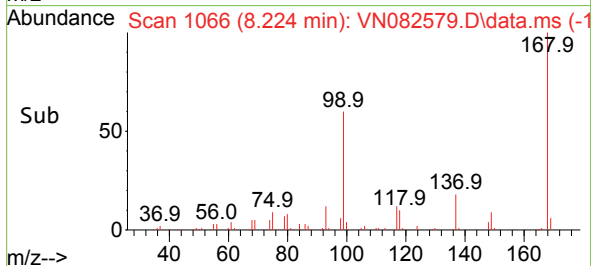
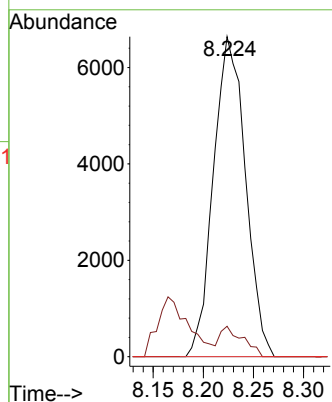
Tgt Ion: 75 Resp: 14714

Ion Ratio Lower Upper

75 100

110 6.7 17.8 53.5#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 2.266 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.065 min

Lab File: VN082579.D

Acq: 14 Jun 2024 13:37

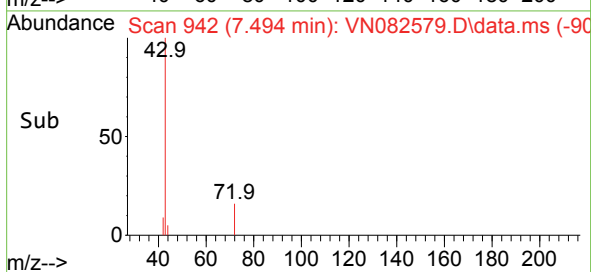
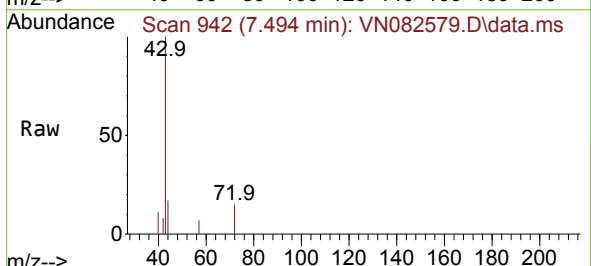
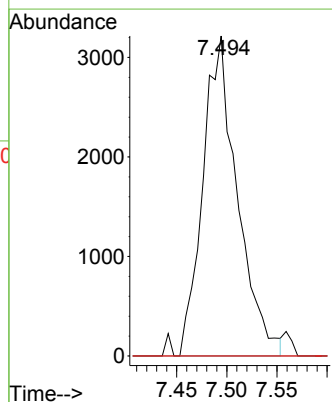
Tgt Ion: 43 Resp: 7705

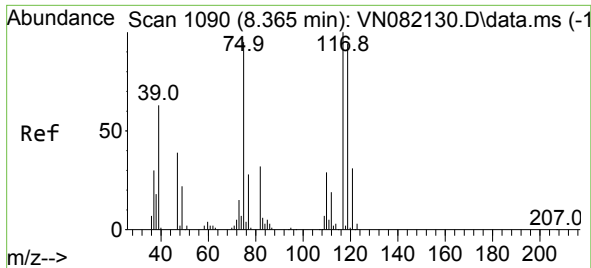
Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

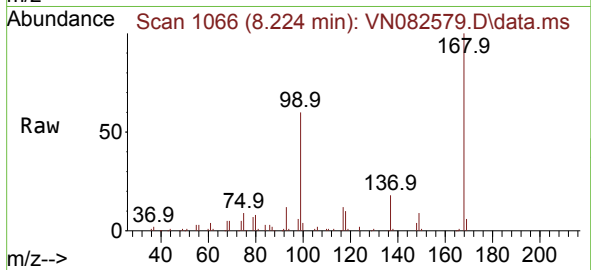
70 0.0 8.7 13.1#



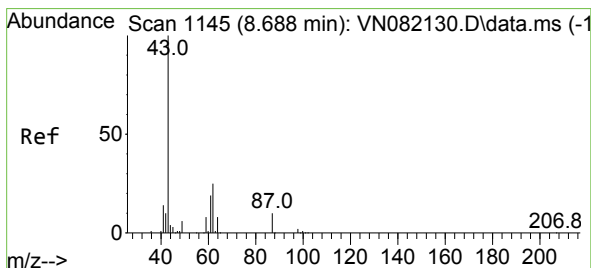
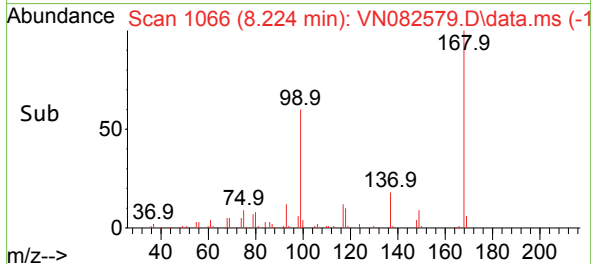
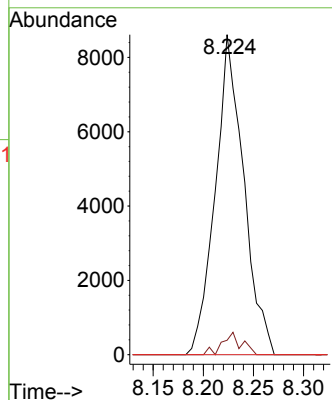


#38
Carbon Tetrachloride
Concen: 5.501 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

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

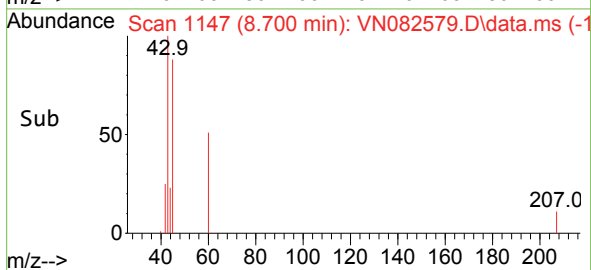
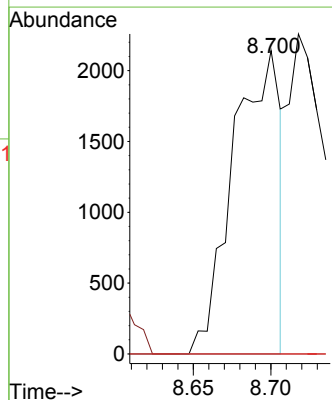
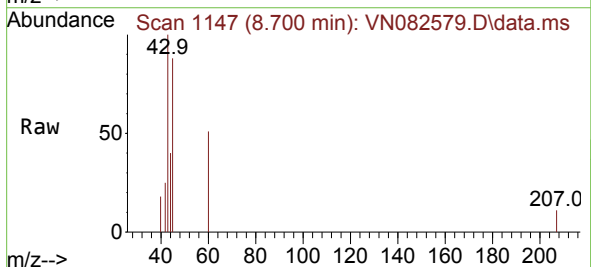


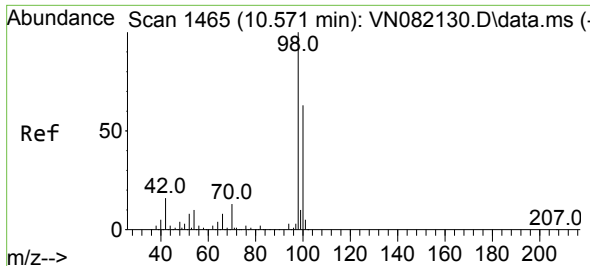
Tgt Ion:117 Resp: 16940
Ion Ratio Lower Upper
117 100
119 4.5 76.5 114.7#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.748 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

Tgt Ion: 43 Resp: 4508
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

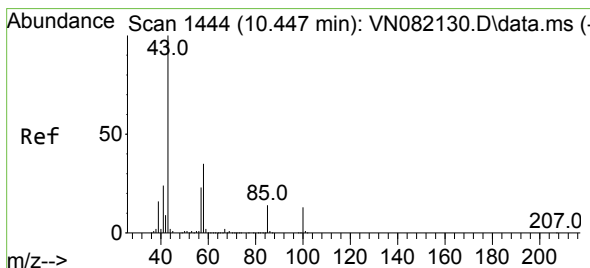
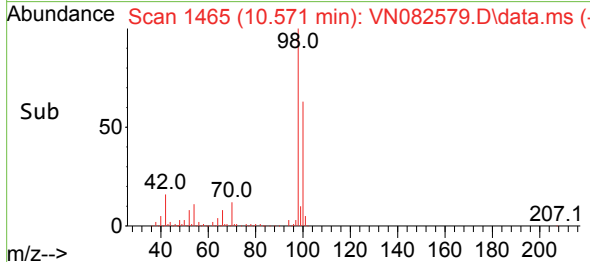
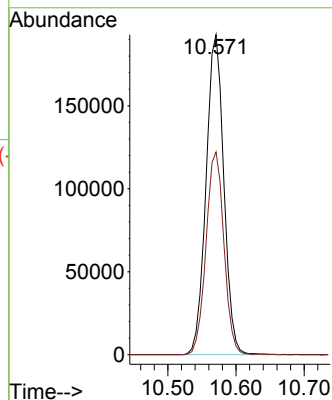
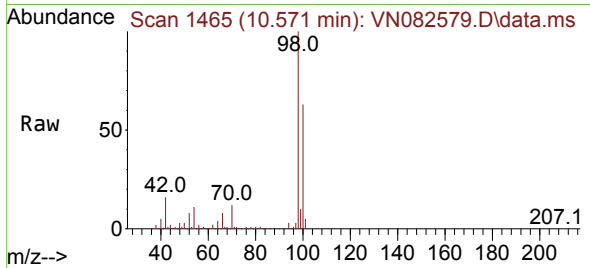




#50
Toluene-d8
Concen: 50.363 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

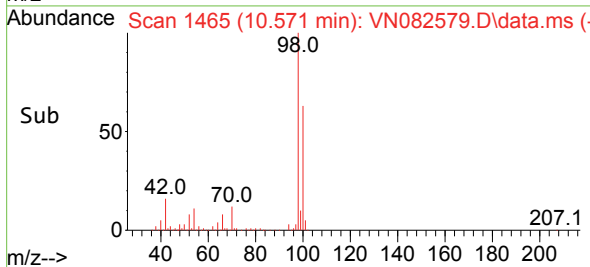
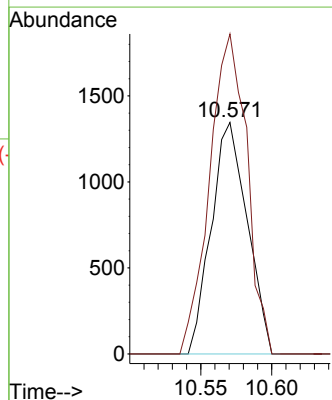
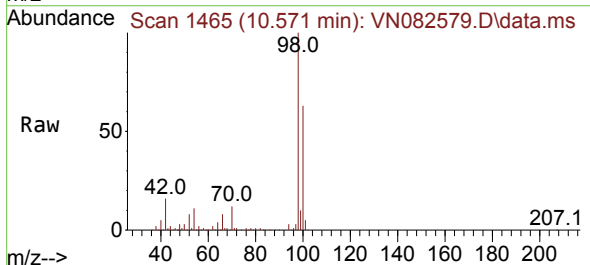
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240610

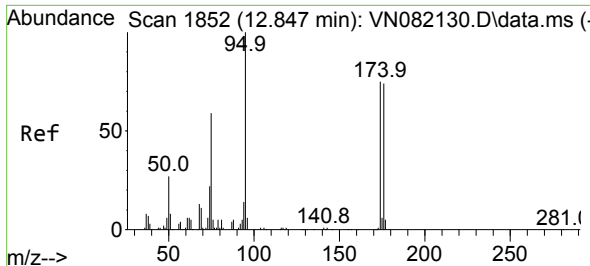
Tgt Ion: 98 Resp: 349762
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.693 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

Tgt Ion: 43 Resp: 2373
Ion Ratio Lower Upper
43 100
58 143.3 33.2 49.8#

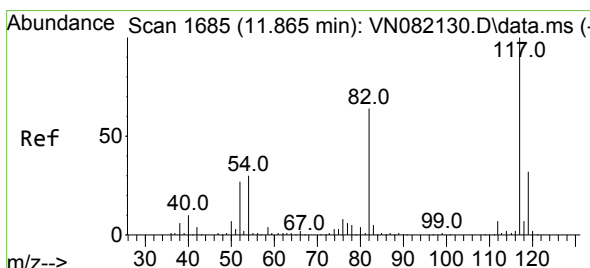
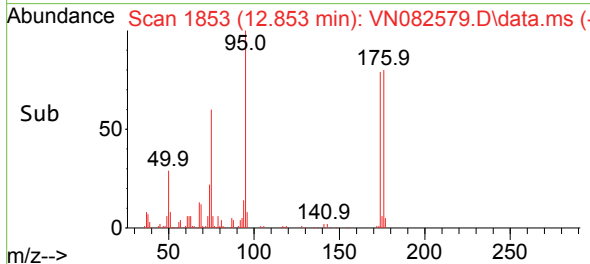
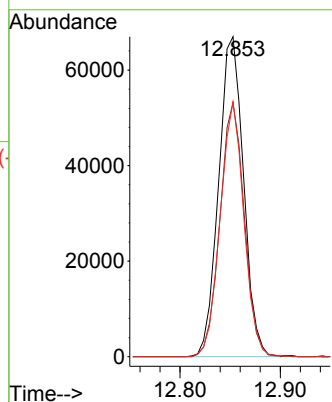
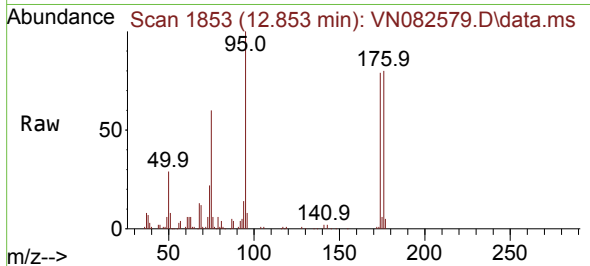




#62
4-Bromofluorobenzene
Concen: 46.486 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

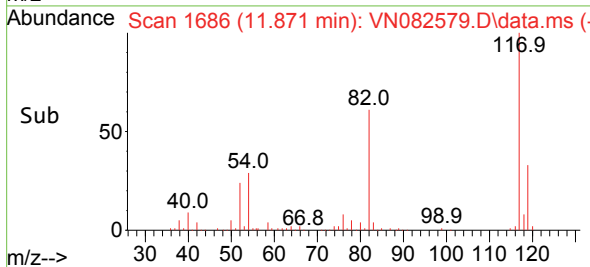
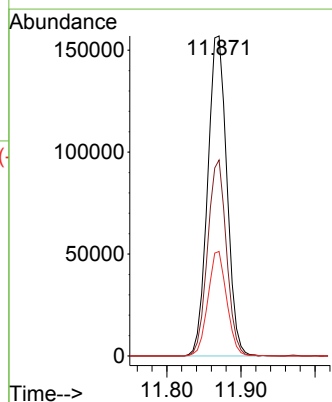
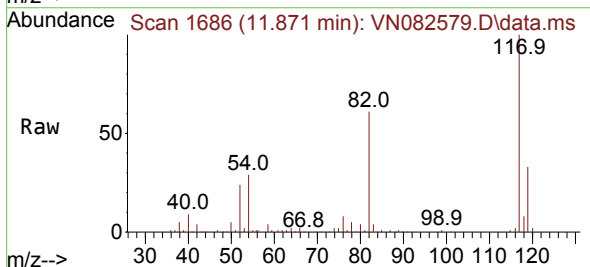
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240610

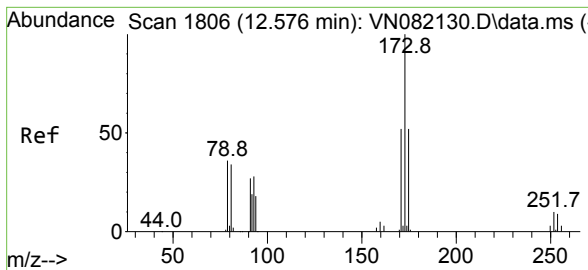
Tgt Ion: 95 Resp: 115228
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.6
176 75.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082579.D
Acq: 14 Jun 2024 13:37

Tgt Ion: 117 Resp: 282992
Ion Ratio Lower Upper
117 100
82 61.3 44.6 66.8
119 32.6 25.9 38.9





#71

Bromoform

Concen: 1.411 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN082579.D

Acq: 14 Jun 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-EB-20240610

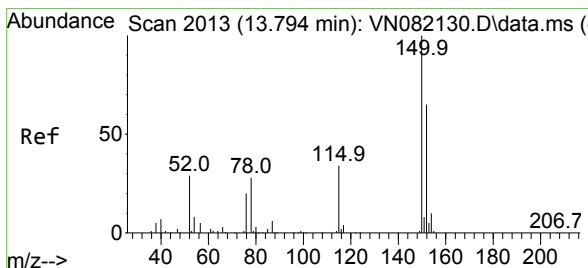
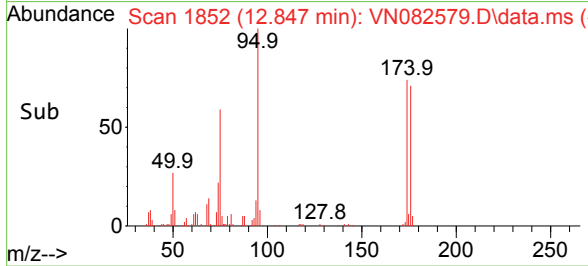
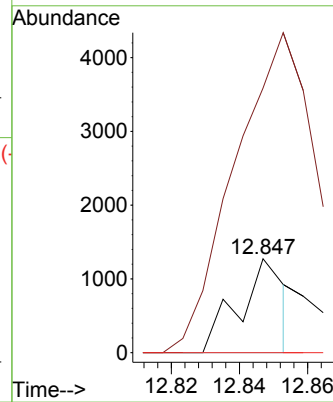
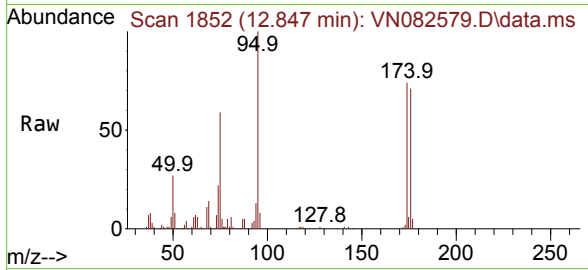
Tgt Ion:173 Resp: 1179

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: VN082579.D

Acq: 14 Jun 2024 13:37

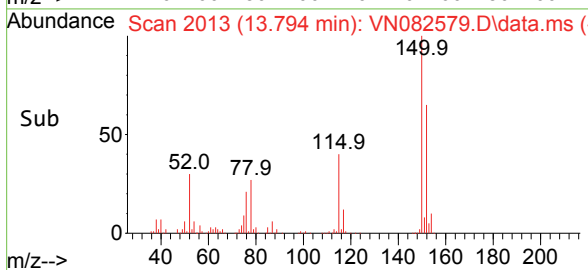
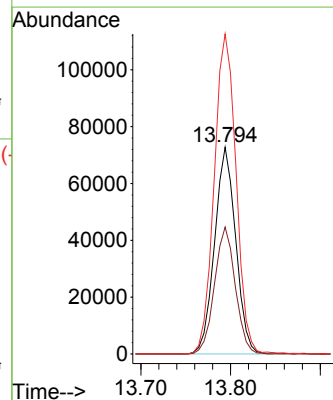
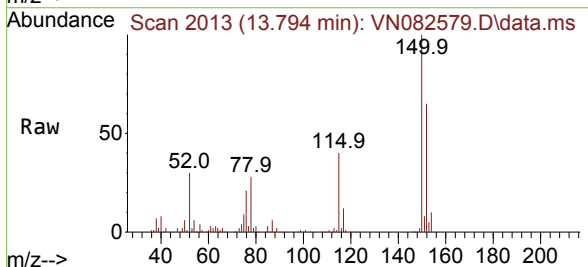
Tgt Ion:152 Resp: 119140

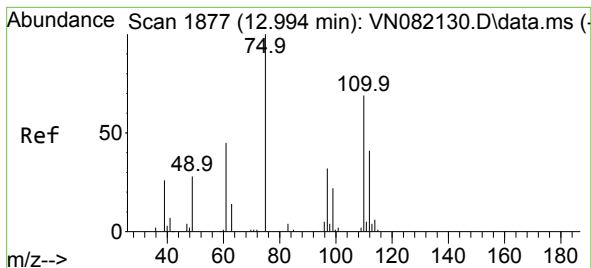
Ion Ratio Lower Upper

152 100

115 60.2 30.4 91.3

150 160.0 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 27.012 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082579.D

Acq: 14 Jun 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

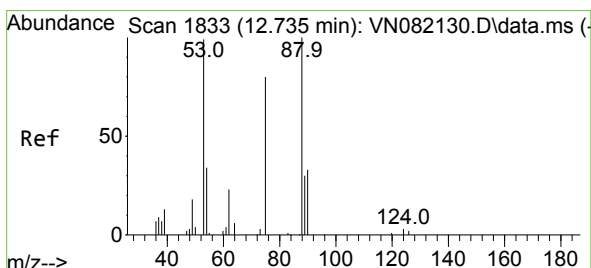
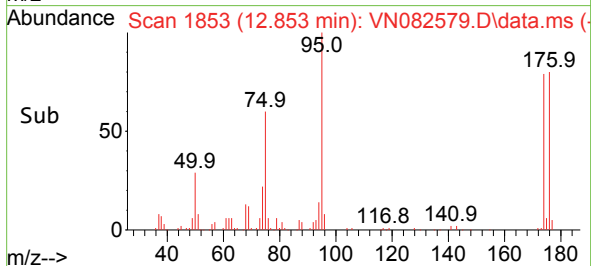
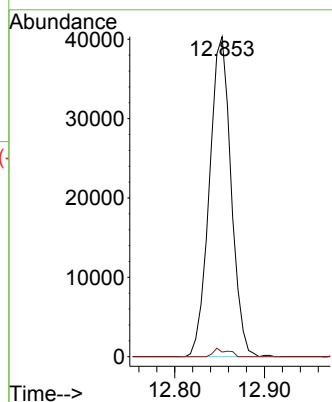
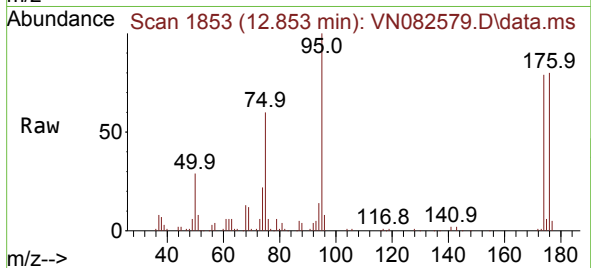
BP-VPB-196-EB-20240610

Tgt Ion: 75 Resp: 67737

Ion Ratio Lower Upper

75 100

77 1.7 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.181 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082579.D

Acq: 14 Jun 2024 13:37

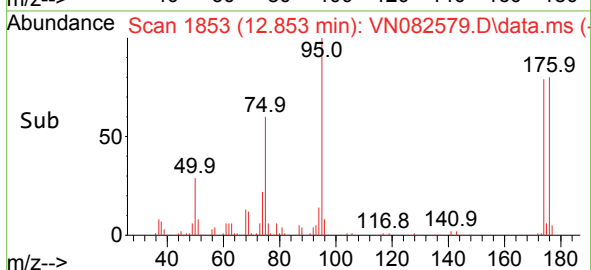
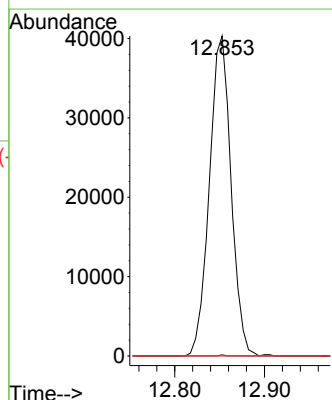
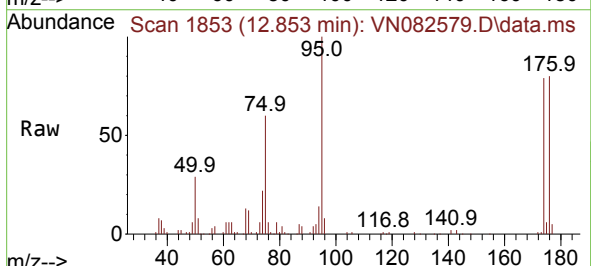
Tgt Ion: 75 Resp: 67737

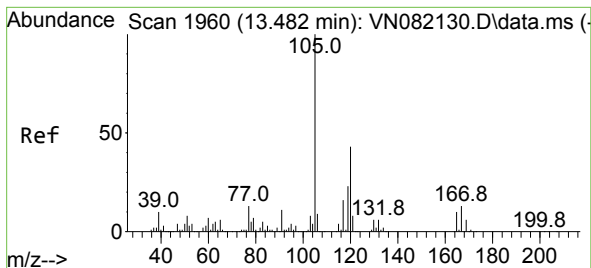
Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.0 39.1 58.7#





#84

1,2,4-Trimethylbenzene

Concen: 0.428 ug/l

RT: 13.506 min Scan# 1964

Delta R.T. 0.024 min

Lab File: VN082579.D

Acq: 14 Jun 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

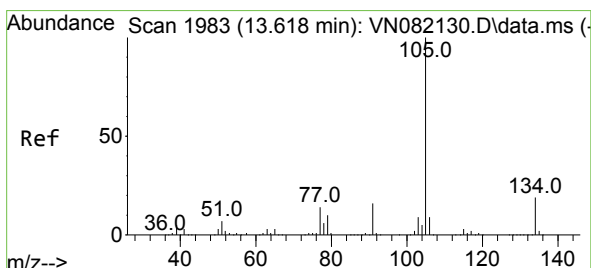
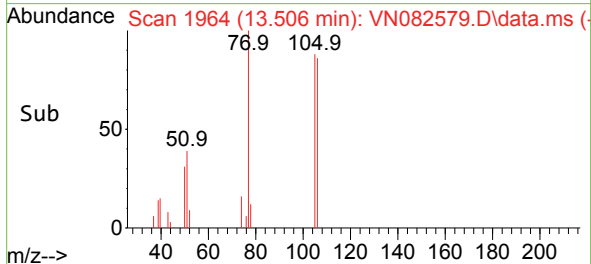
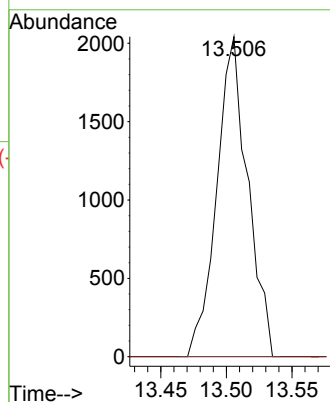
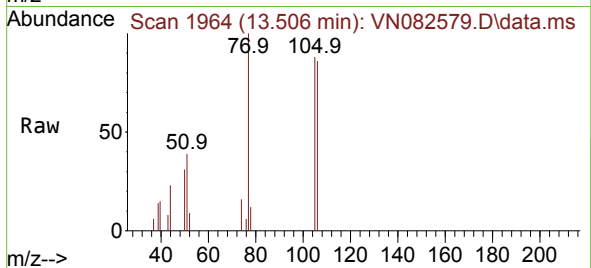
BP-VPB-196-EB-20240610

Tgt Ion:105 Resp: 3351

Ion Ratio Lower Upper

105 100

120 0.0 22.9 68.7#



#85

sec-Butylbenzene

Concen: 0.361 ug/l

RT: 13.506 min Scan# 1964

Delta R.T. -0.112 min

Lab File: VN082579.D

Acq: 14 Jun 2024 13:37

Tgt Ion:105 Resp: 3351

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#

