

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082207.D
 Acq On : 20 May 2024 14:10
 Operator : JC\MD
 Sample : P2529-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20240514

Quant Time: May 21 03:47:31 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)

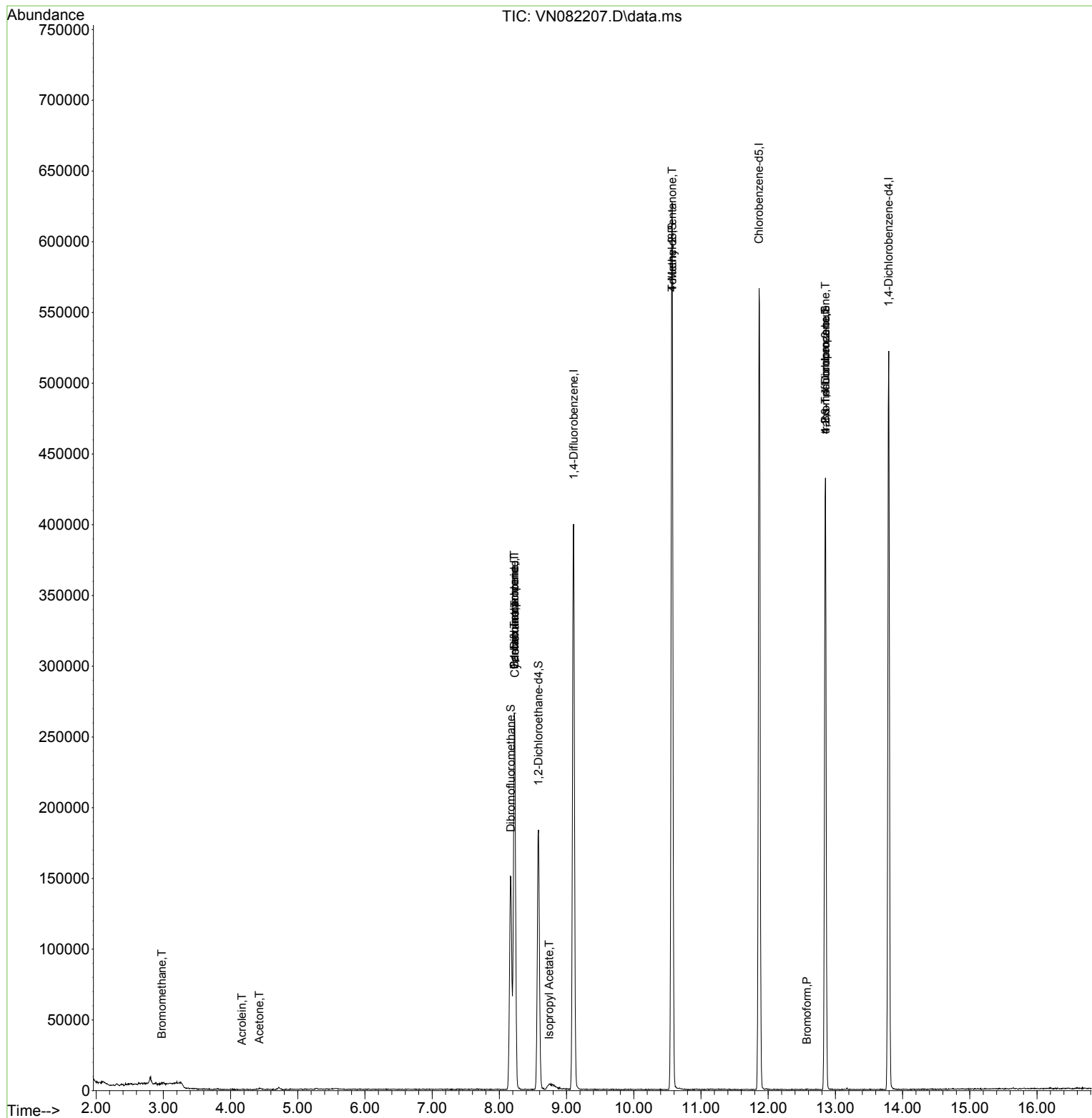
Internal Standards						
1) Pentafluorobenzene	8.224	168	183988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	321072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149398	51.424	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.840%	
35) Dibromofluoromethane	8.171	113	107932	54.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.300%	
50) Toluene-d8	10.570	98	409174	54.035	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.080%	
62) 4-Bromofluorobenzene	12.853	95	138086	51.091	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.180%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	542	0.334	ug/l #	44
13) Acrolein	4.171	56	228	0.660	ug/l #	15
16) Acetone	4.430	43	1964	1.648	ug/l	93
31) Cyclohexane	8.229	56	5633	1.214	ug/l #	27
36) 1,1-Dichloropropene	8.224	75	17454	5.269	ug/l #	48
38) Carbon Tetrachloride	8.224	117	20663	6.153	ug/l #	15
43) Isopropyl Acetate	8.741	43	5472	0.833	ug/l #	52
51) 4-Methyl-2-Pentanone	10.570	43	2569	0.688	ug/l #	1
71) Bromoform	12.576	173	63	0.737	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	81552	30.213	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	81552	70.667	ug/l #	12

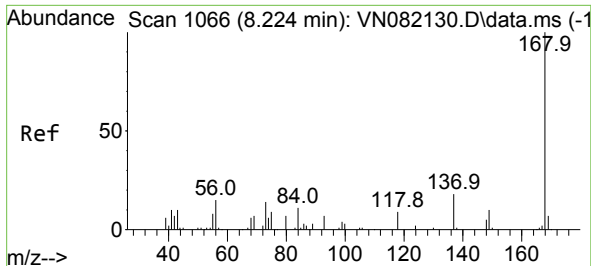
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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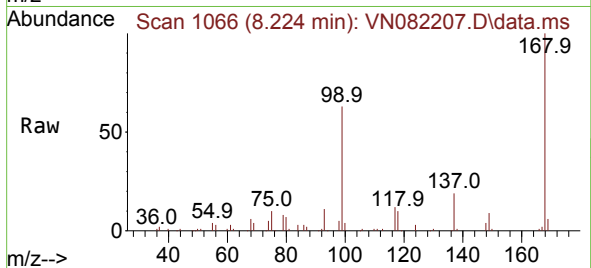
Quant Time: May 21 03:47:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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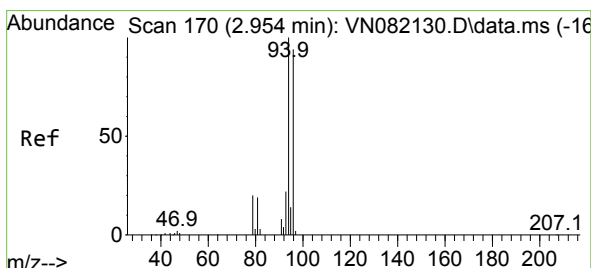
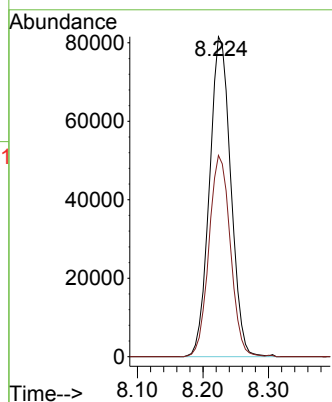
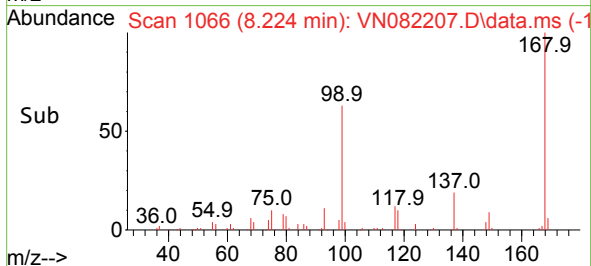


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082207.D
Acq: 20 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240514

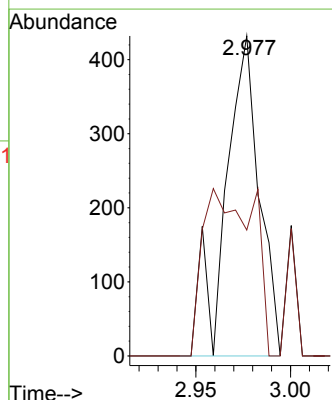
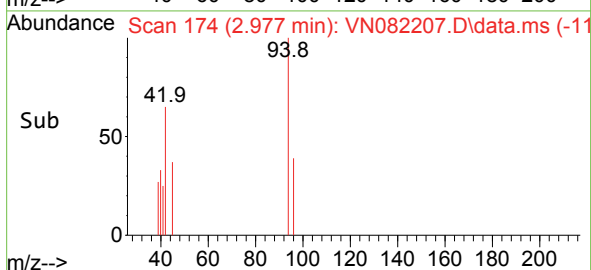
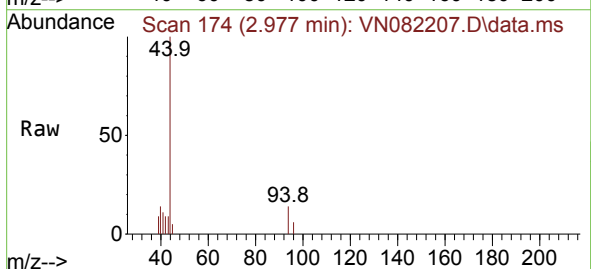


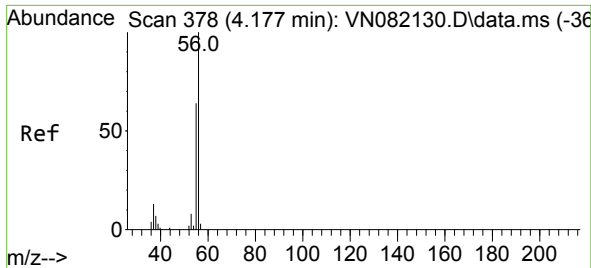
Tgt Ion:168 Resp: 183988
Ion Ratio Lower Upper
168 100
99 62.9 48.2 72.4



#5
Bromomethane
Concen: 0.334 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.023 min
Lab File: VN082207.D
Acq: 20 May 2024 14:10

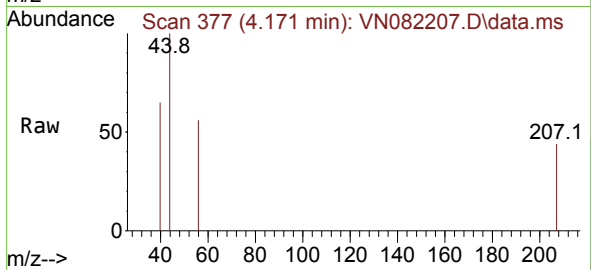
Tgt Ion: 94 Resp: 542
Ion Ratio Lower Upper
94 100
96 39.4 74.8 112.2#



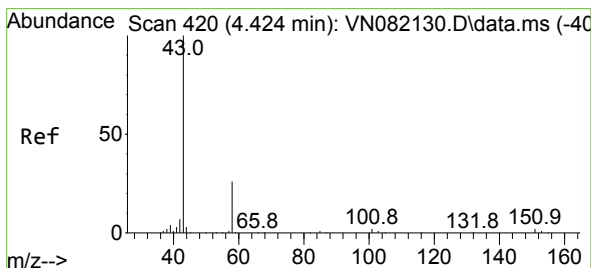
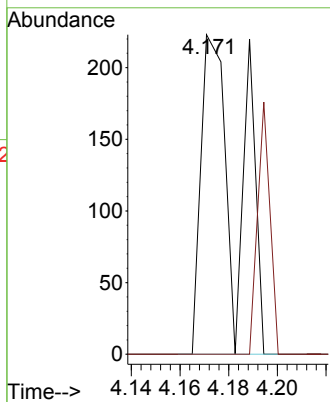
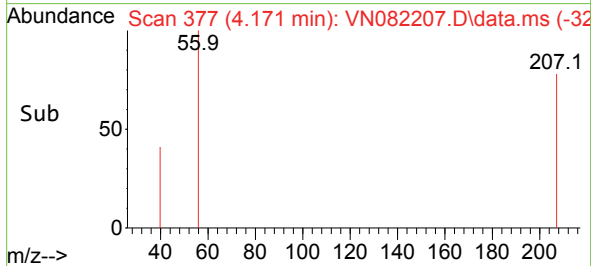


#13
Acrolein
Concen: 0.660 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN082207.D
Acq: 20 May 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240514

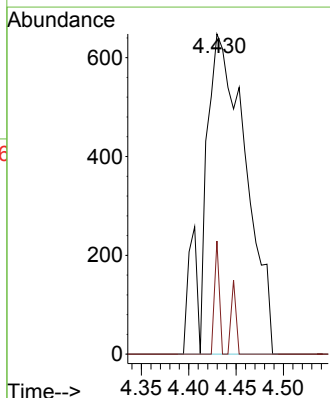
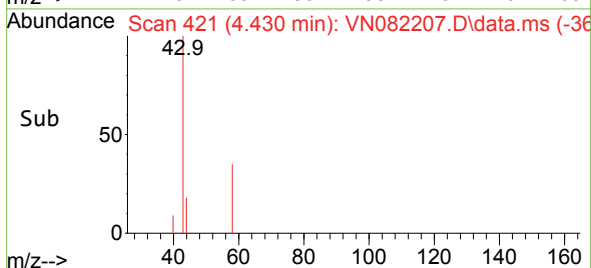
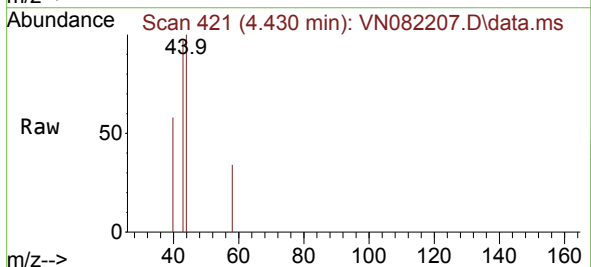


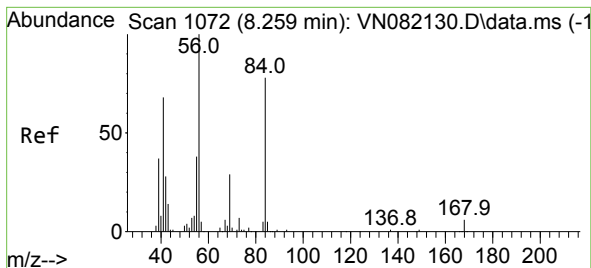
Tgt Ion: 56 Resp: 228
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: 1.648 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082207.D
Acq: 20 May 2024 14:10

Tgt Ion: 43 Resp: 1964
Ion Ratio Lower Upper
43 100
58 35.3 25.2 37.8





#31

Cyclohexane

Concen: 1.214 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.030 min

Lab File: VN082207.D

Acq: 20 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20240514

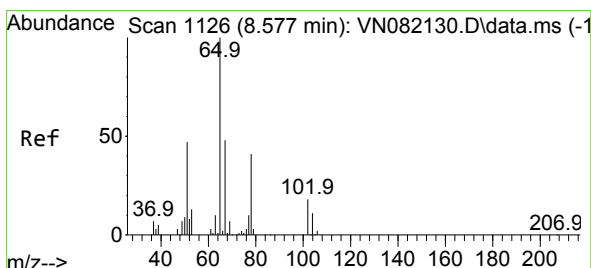
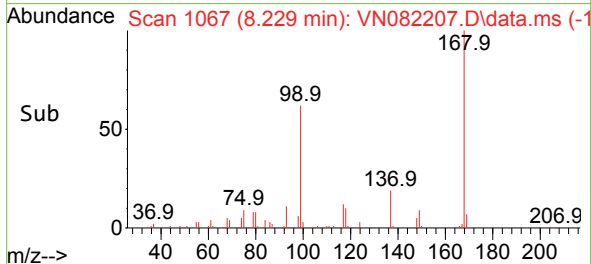
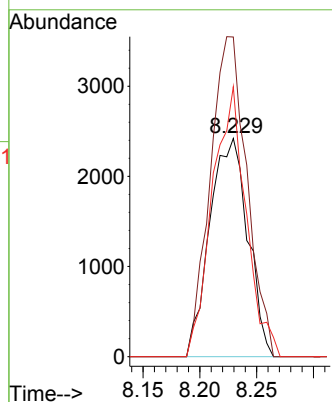
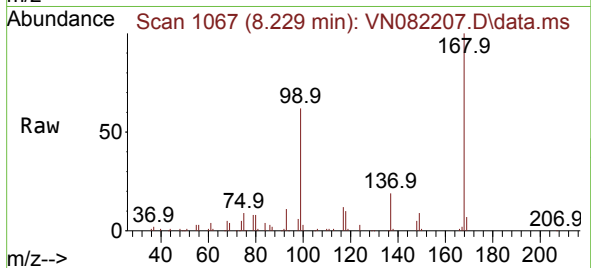
Tgt Ion: 56 Resp: 5633

Ion Ratio Lower Upper

56 100

69 146.5 24.4 36.6#

84 123.7 77.0 115.4#



#33

1,2-Dichloroethane-d4

Concen: 51.424 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082207.D

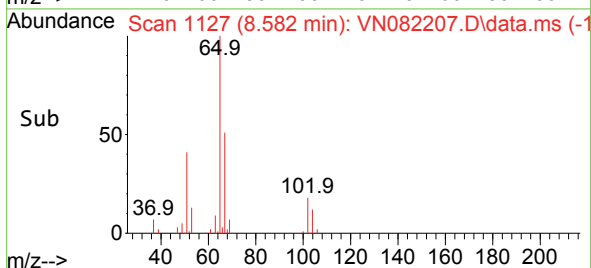
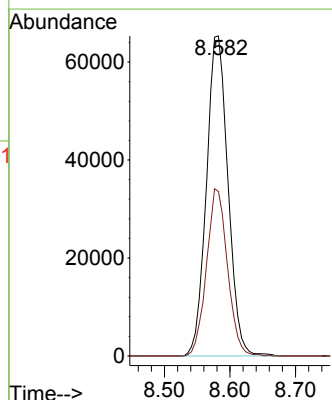
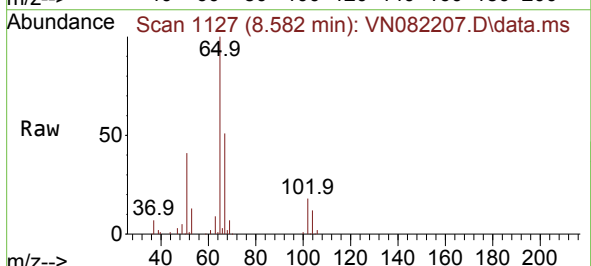
Acq: 20 May 2024 14:10

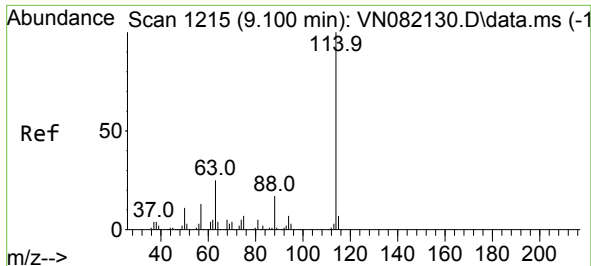
Tgt Ion: 65 Resp: 149398

Ion Ratio Lower Upper

65 100

67 50.9 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: VN082207.D

Acq: 20 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20240514

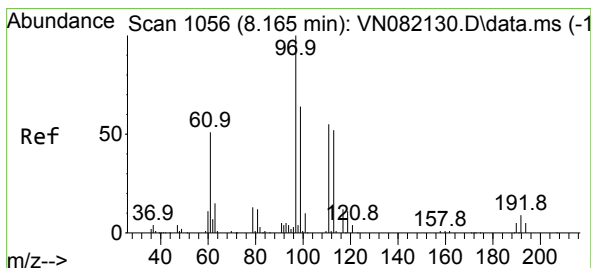
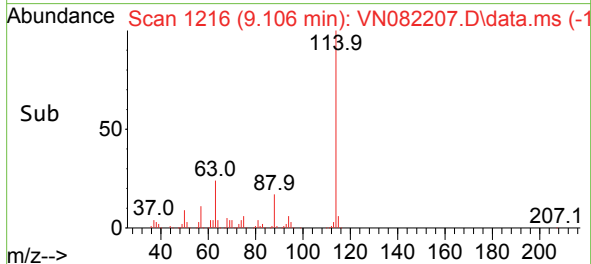
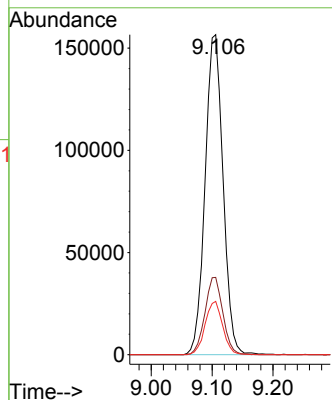
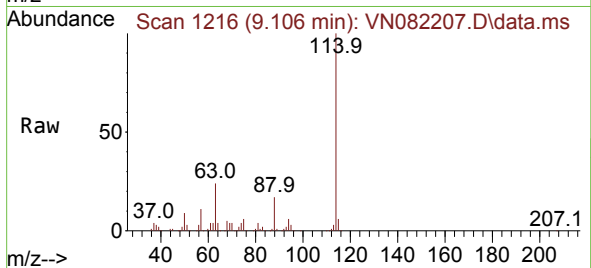
Tgt Ion:114 Resp: 321072

Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.0

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.647 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082207.D

Acq: 20 May 2024 14:10

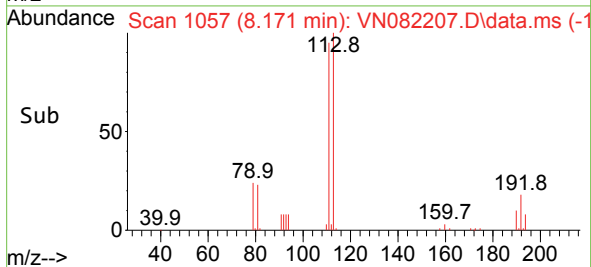
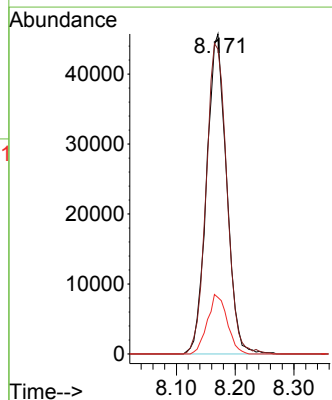
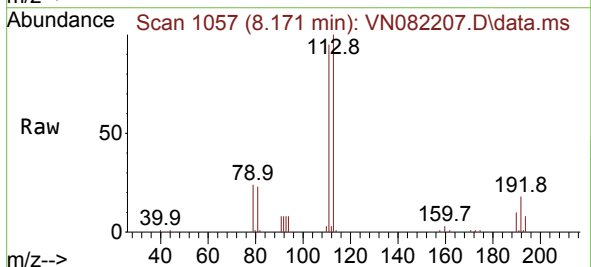
Tgt Ion:113 Resp: 107932

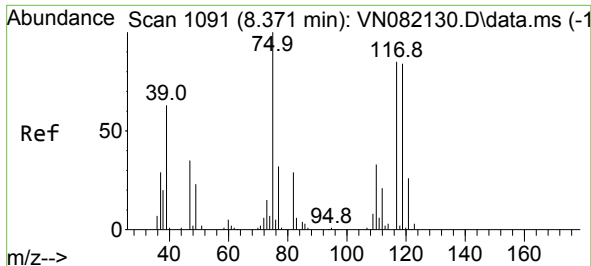
Ion Ratio Lower Upper

113 100

111 100.6 83.4 125.2

192 18.4 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.269 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082207.D

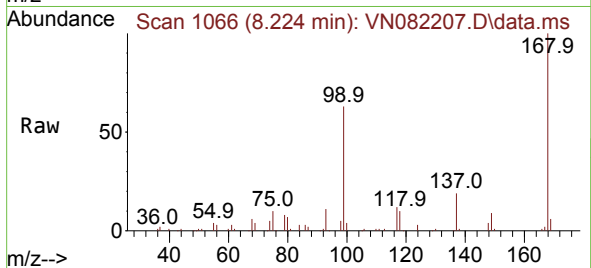
Acq: 20 May 2024 14:10

Instrument :

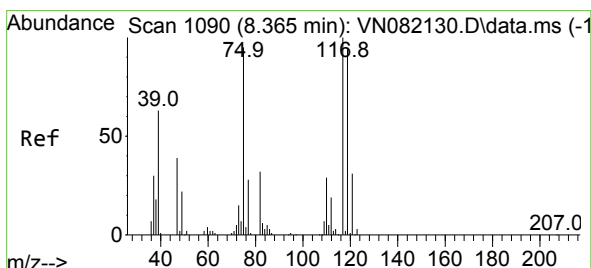
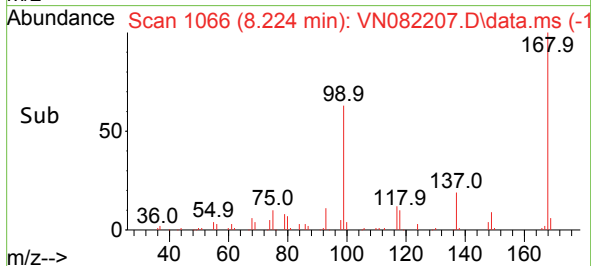
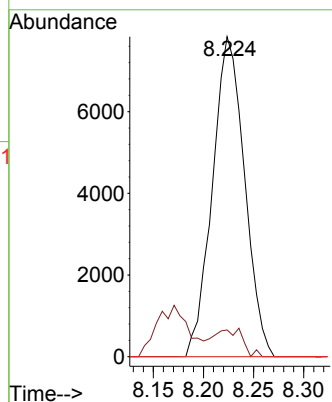
MSVOA_N

ClientSampleId :

BP-TB-20240514



Tgt Ion:	75	Resp:	17454
Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.8	53.5#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 6.153 ug/l

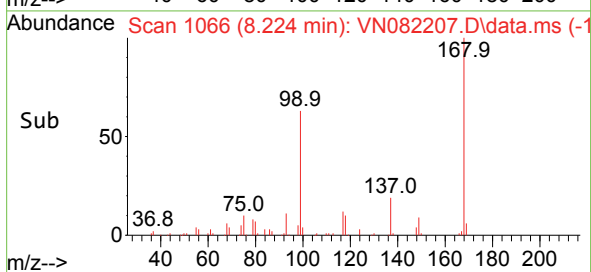
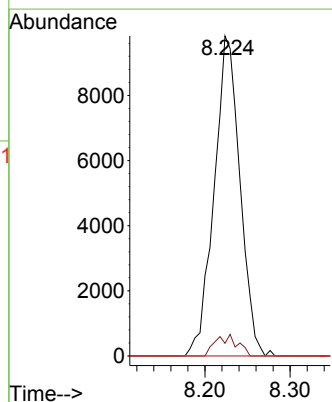
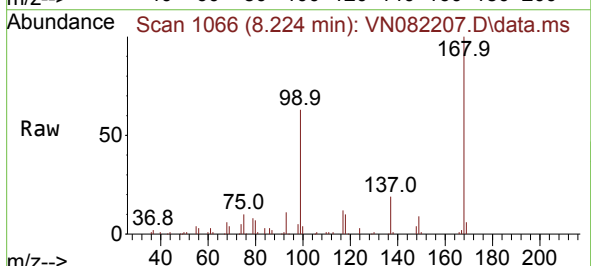
RT: 8.224 min Scan# 1066

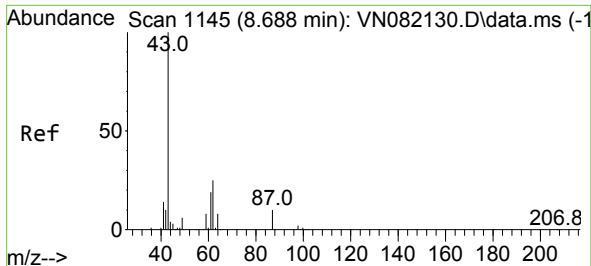
Delta R.T. -0.141 min

Lab File: VN082207.D

Acq: 20 May 2024 14:10

Tgt Ion:	117	Resp:	20663
Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.5	114.7#
121	0.0	23.9	35.9#

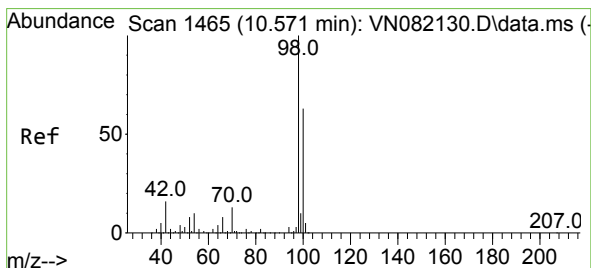
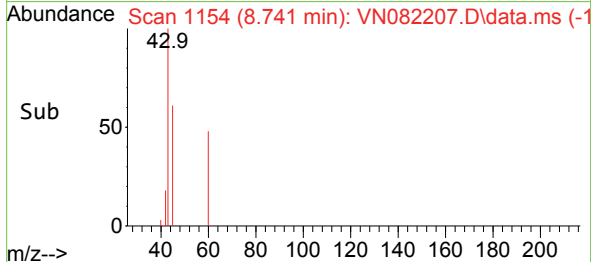
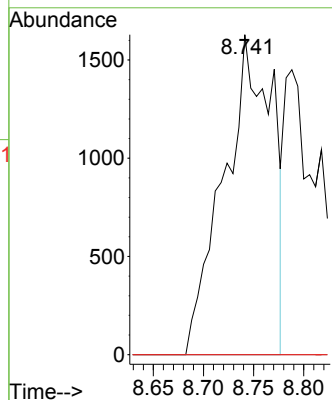
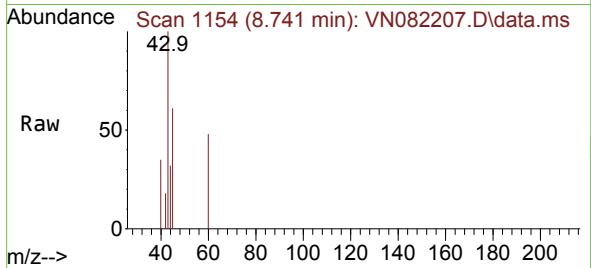




#43
Isopropyl Acetate
Concen: 0.833 ug/l
RT: 8.741 min Scan# 1154
Delta R.T. 0.053 min
Lab File: VN082207.D
Acq: 20 May 2024 14:10

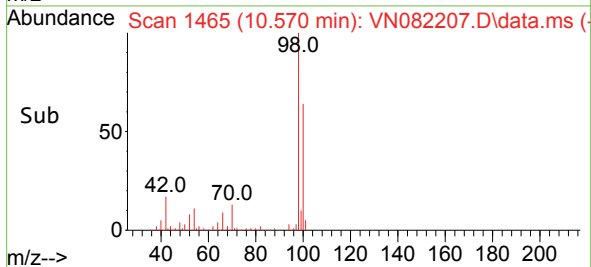
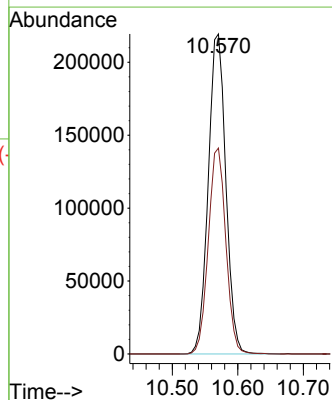
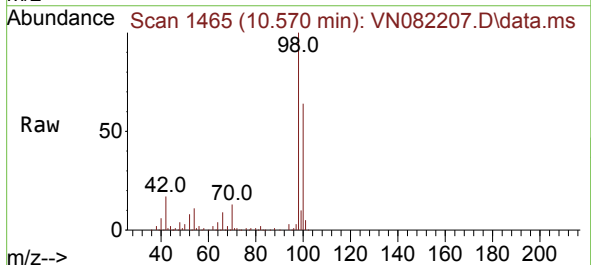
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240514

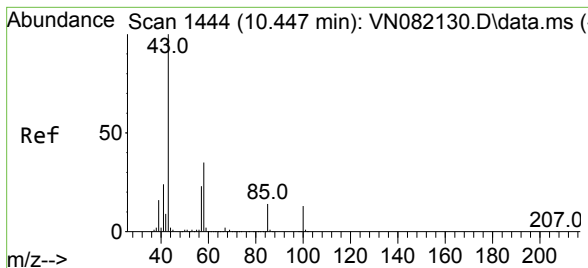
Tgt Ion: 43 Resp: 5472
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.035 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082207.D
Acq: 20 May 2024 14:10

Tgt Ion: 98 Resp: 409174
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

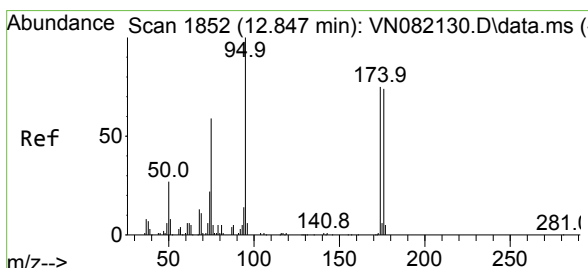
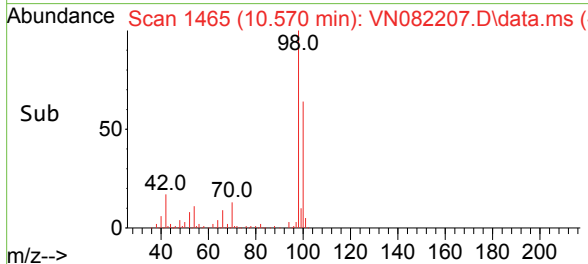
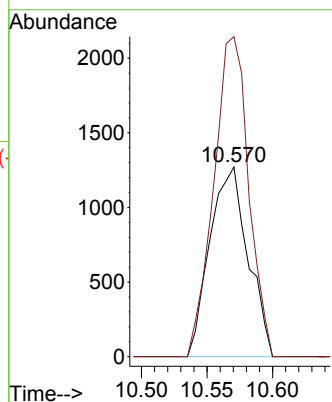
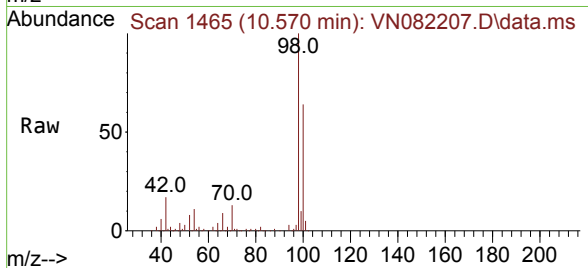




#51
4-Methyl-2-Pentanone
Concen: 0.688 ug/l
RT: 10.570 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN082207.D
Acq: 20 May 2024 14:10

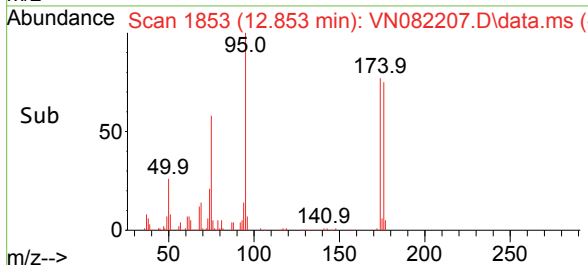
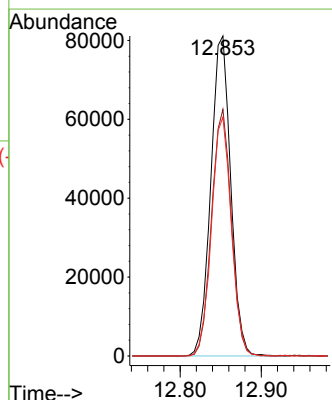
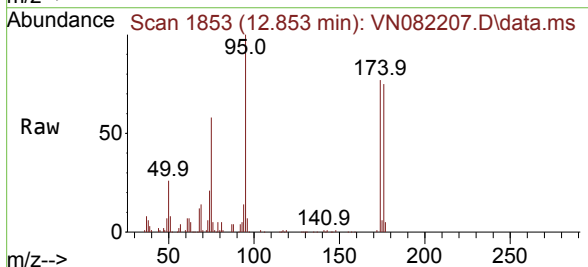
Instrument :
MSVOA_N
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BP-TB-20240514

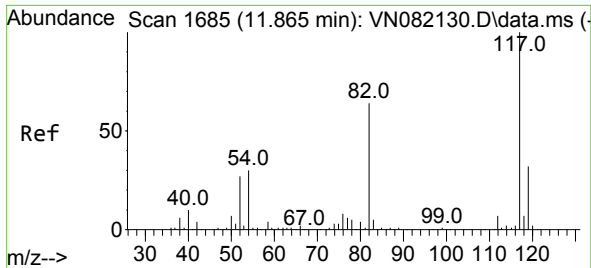
Tgt Ion: 43 Resp: 2569
Ion Ratio Lower Upper
43 100
58 154.7 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 51.091 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082207.D
Acq: 20 May 2024 14:10

Tgt Ion: 95 Resp: 138086
Ion Ratio Lower Upper
95 100
174 76.6 0.0 160.6
176 74.3 0.0 152.8

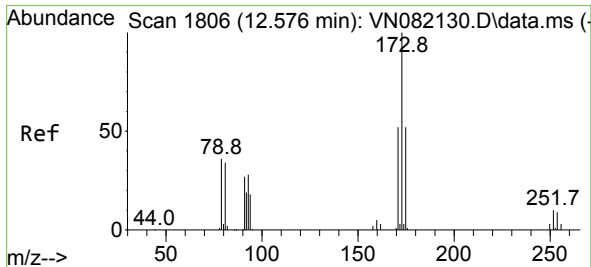
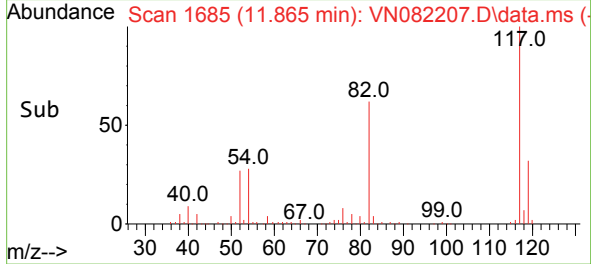
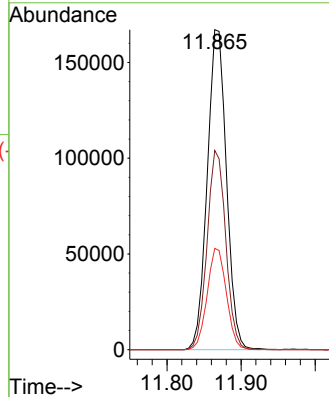
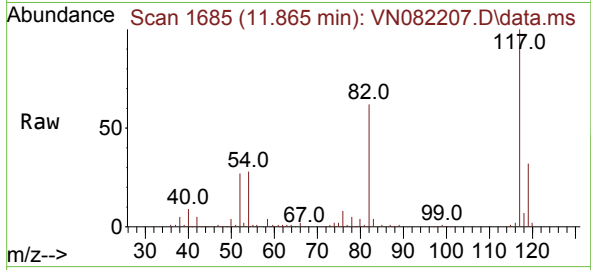




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082207.D
Acq: 20 May 2024 14:10

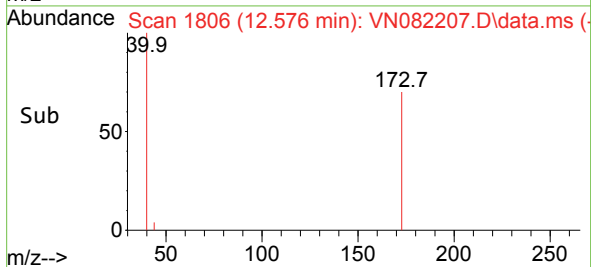
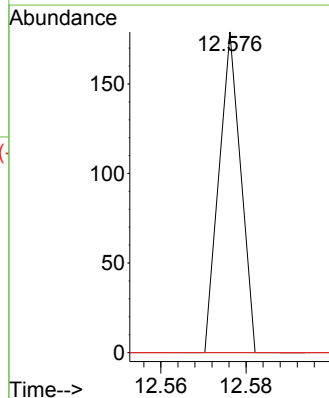
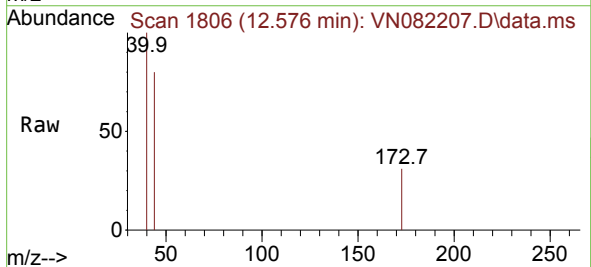
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240514

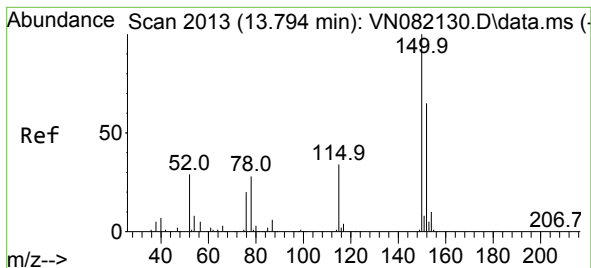
Tgt Ion:117 Resp: 301035
Ion Ratio Lower Upper
117 100
82 62.2 44.6 66.8
119 31.6 25.9 38.9



#71
Bromoform
Concen: 0.737 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082207.D
Acq: 20 May 2024 14:10

Tgt Ion:173 Resp: 63
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: VN082207.D

Acq: 20 May 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20240514

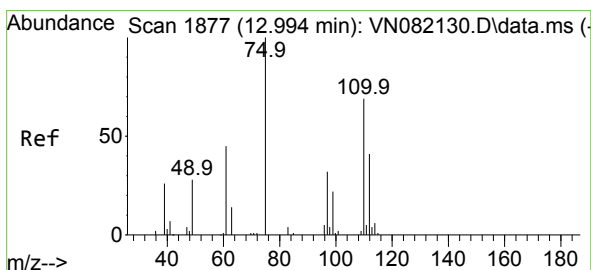
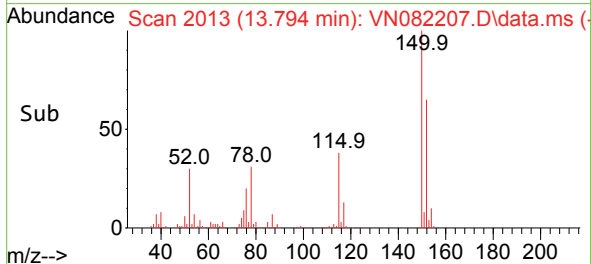
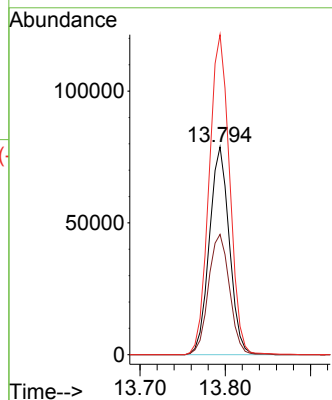
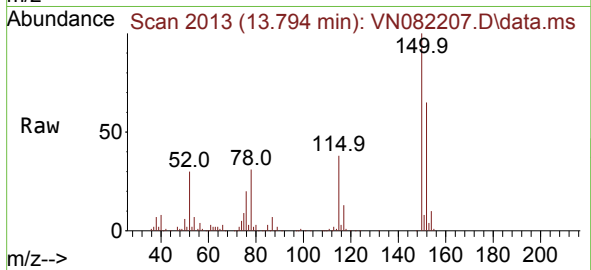
Tgt Ion:152 Resp: 128244

Ion Ratio Lower Upper

152 100

115 61.0 30.4 91.3

150 158.3 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 30.213 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082207.D

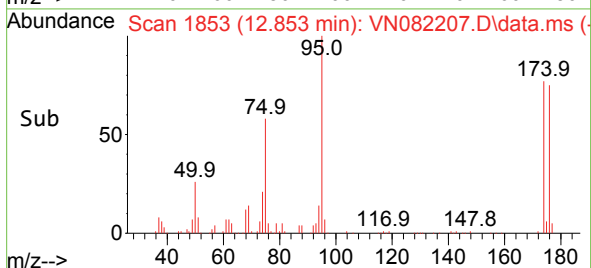
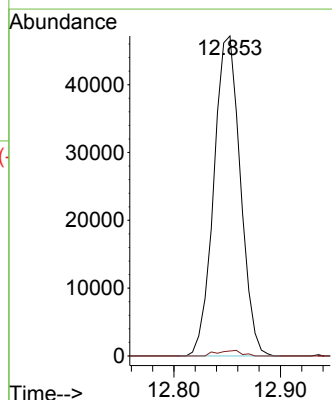
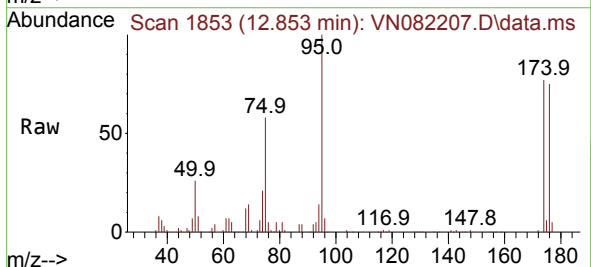
Acq: 20 May 2024 14:10

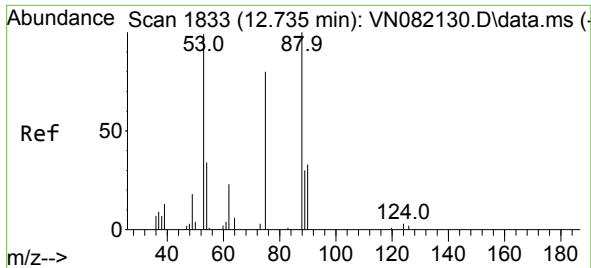
Tgt Ion: 75 Resp: 81552

Ion Ratio Lower Upper

75 100

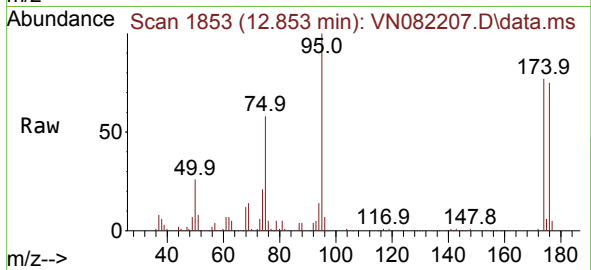
77 1.6 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.667 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.117 min
 Lab File: VN082207.D
 Acq: 20 May 2024 14:10

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20240514



Tgt Ion: 75 Resp: 81552
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

