

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082552.D
 Acq On : 13 Jun 2024 12:18
 Operator : JC\MD
 Sample : P2840-07RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WB-20240610

Quant Time: Jun 14 02:26:33 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)

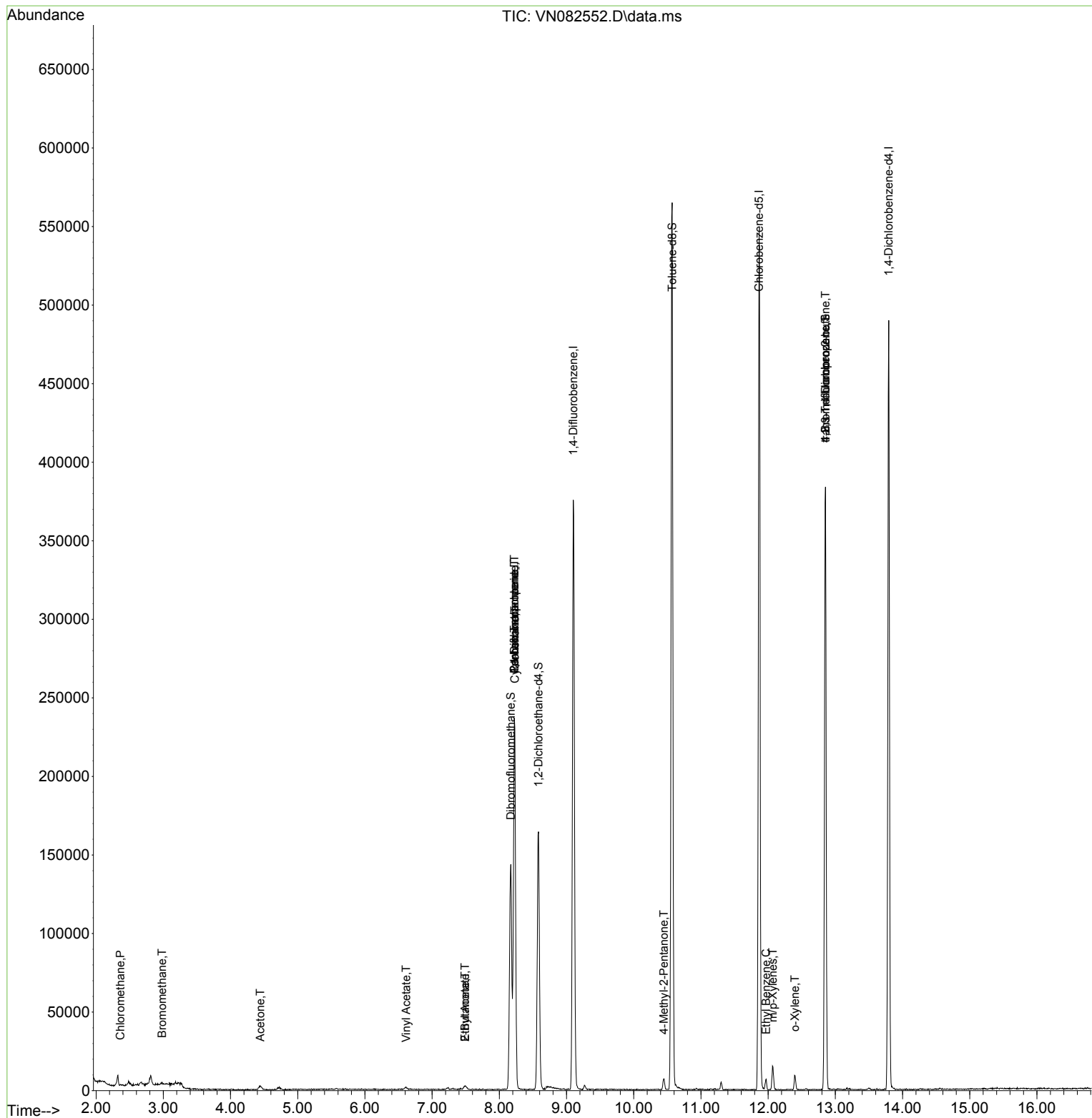
Internal Standards						
1) Pentafluorobenzene	8.224	168	162785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	137618	53.539	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.080%			
35) Dibromofluoromethane	8.171	113	101335	55.363	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.720%			
50) Toluene-d8	10.571	98	374085	53.307	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.620%			
62) 4-Bromofluorobenzene	12.853	95	123444	49.285	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.560%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	797	0.300	ug/l #	82
5) Bromomethane	2.983	94	823	0.573	ug/l #	70
16) Acetone	4.442	43	4577	4.341	ug/l #	77
23) Vinyl Acetate	6.612	43	2630	0.420	ug/l #	68
25) 2-Butanone	7.489	43	5316	3.325	ug/l #	69
31) Cyclohexane	8.230	56	4827	1.176	ug/l #	43
36) 1,1-Dichloropropene	8.224	75	15481	5.043	ug/l #	49
37) Ethyl Acetate	7.489	43	5316	1.547	ug/l #	68
38) Carbon Tetrachloride	8.224	117	18170	5.839	ug/l #	15
51) 4-Methyl-2-Pentanone	10.447	43	5557	1.607	ug/l #	82
67) Ethyl Benzene	11.971	91	4413	0.380	ug/l #	86
68) m/p-Xylenes	12.071	106	4244	0.996	ug/l	86
69) o-Xylene	12.400	106	2546	0.617	ug/l	88
76) 1,2,3-Trichloropropane	12.853	75	72525	28.358	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	72525	66.329	ug/l #	13

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

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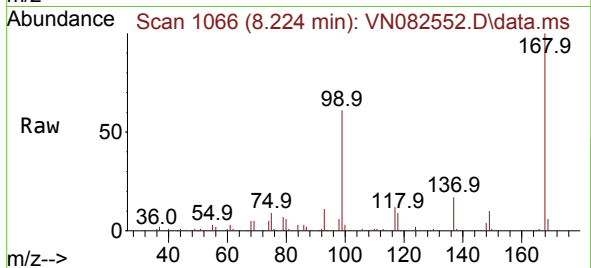
Quant Time: Jun 14 02:26:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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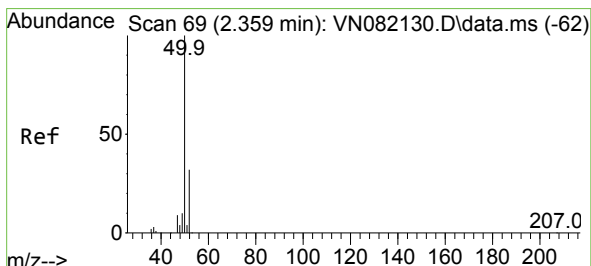
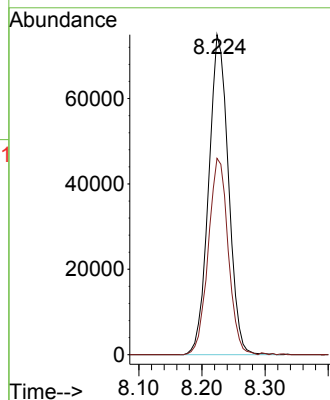
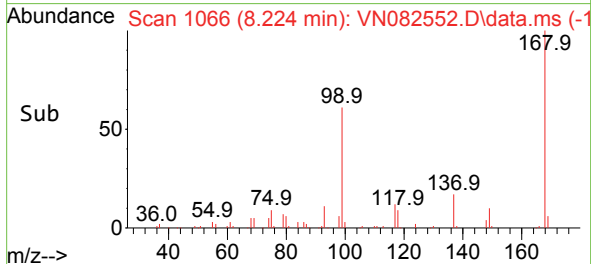


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

Instrument :
MSVOA_N
ClientSampleId :
WB-20240610

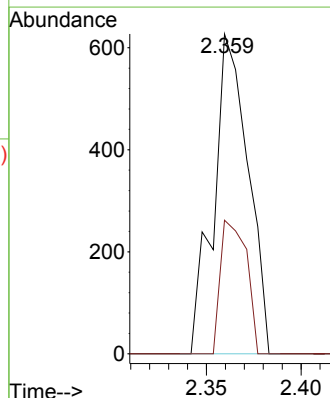
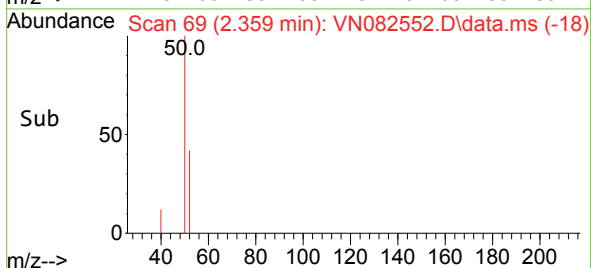
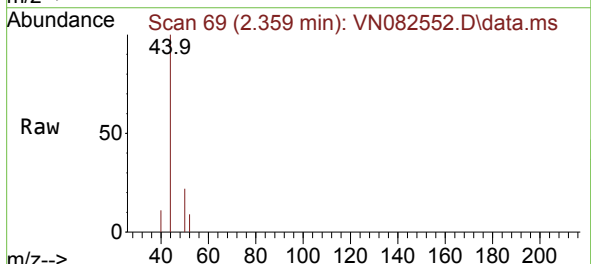


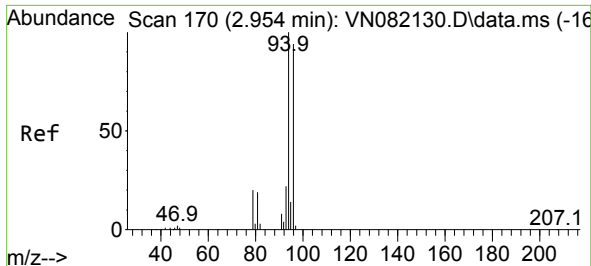
Tgt Ion:168 Resp: 162785
Ion Ratio Lower Upper
168 100
99 61.3 48.2 72.4



#3
Chloromethane
Concen: 0.300 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

Tgt Ion: 50 Resp: 797
Ion Ratio Lower Upper
50 100
52 41.8 25.5 38.3#

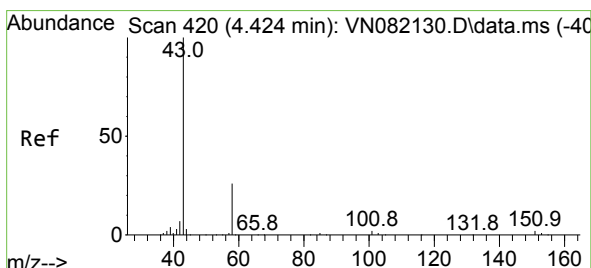
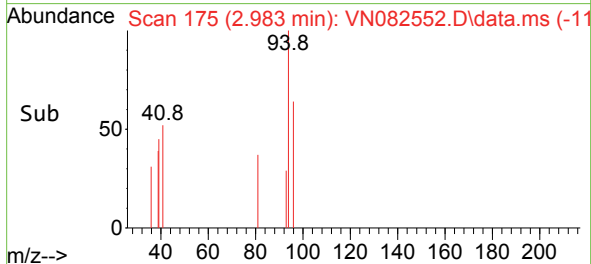
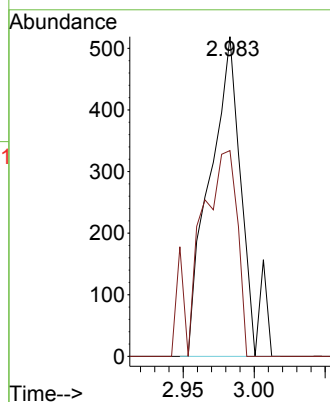
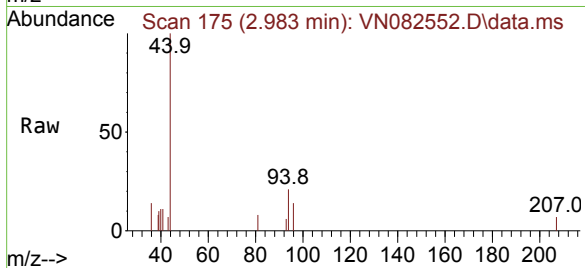




#5
Bromomethane
Concen: 0.573 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

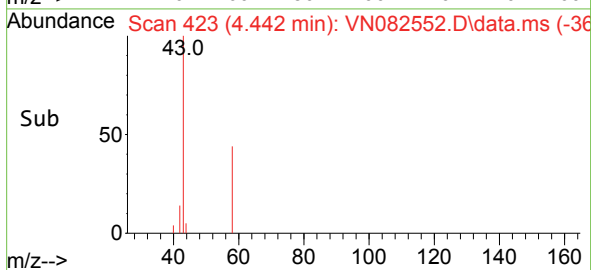
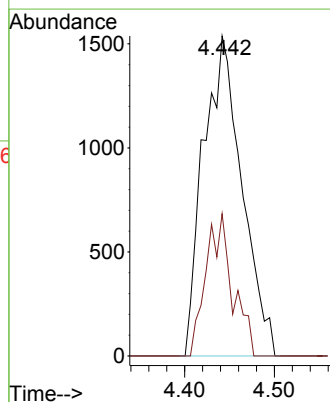
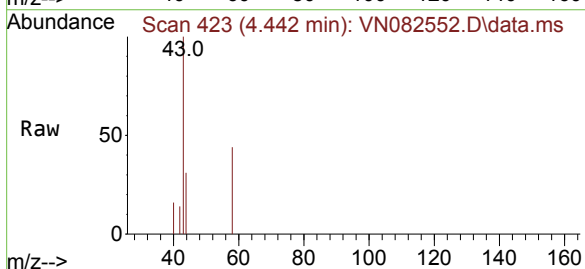
Instrument :
MSVOA_N
ClientSampleId :
WB-20240610

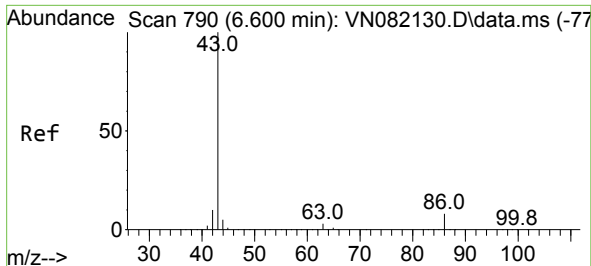
Tgt Ion: 94 Resp: 823
Ion Ratio Lower Upper
94 100
96 64.4 74.8 112.2#



#16
Acetone
Concen: 4.341 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

Tgt Ion: 43 Resp: 4577
Ion Ratio Lower Upper
43 100
58 44.5 25.2 37.8#

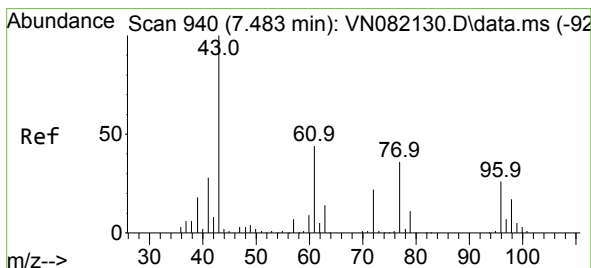
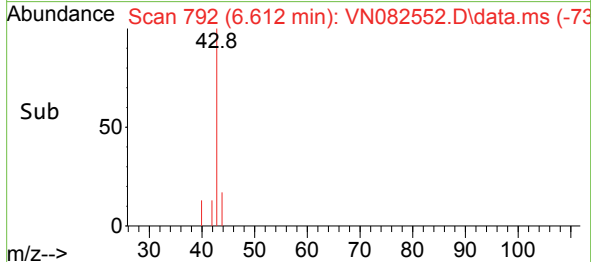
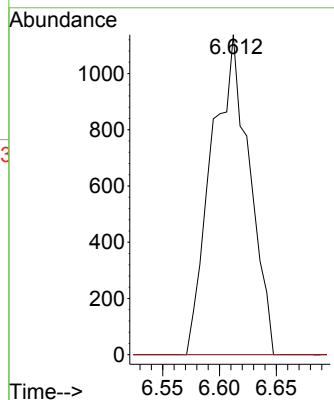
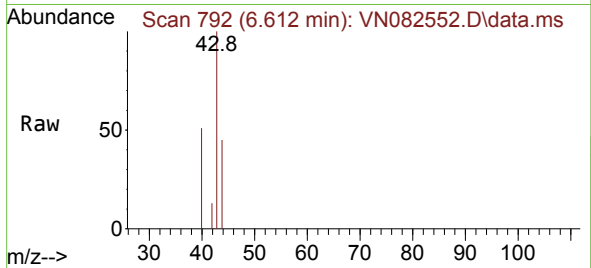




#23
 Vinyl Acetate
 Concen: 0.420 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN082552.D
 Acq: 13 Jun 2024 12:18

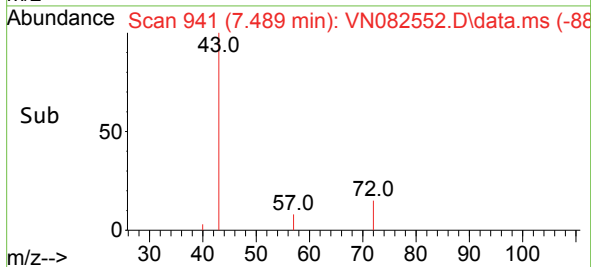
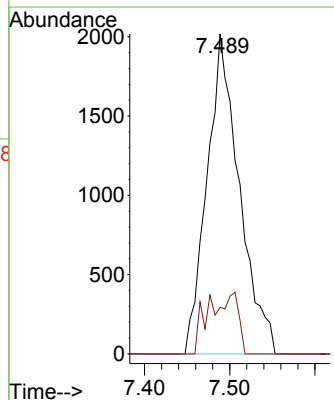
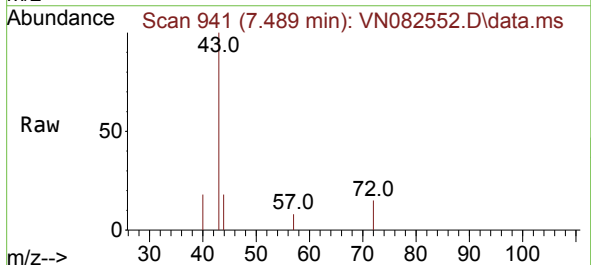
Instrument :
 MSVOA_N
 ClientSampleId :
 WB-20240610

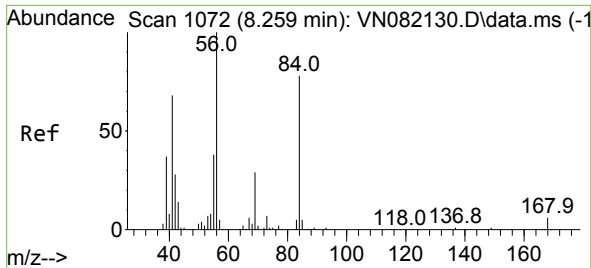
Tgt Ion: 43 Resp: 2630
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.2 15.4#



#25
 2-Butanone
 Concen: 3.325 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN082552.D
 Acq: 13 Jun 2024 12:18

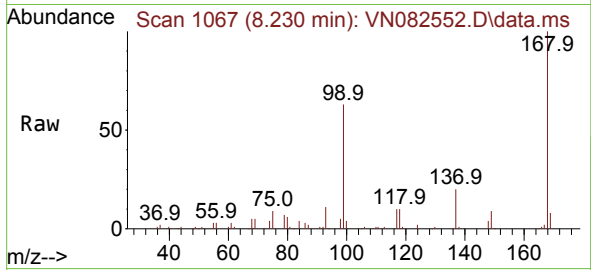
Tgt Ion: 43 Resp: 5316
 Ion Ratio Lower Upper
 43 100
 72 14.5 25.3 37.9#



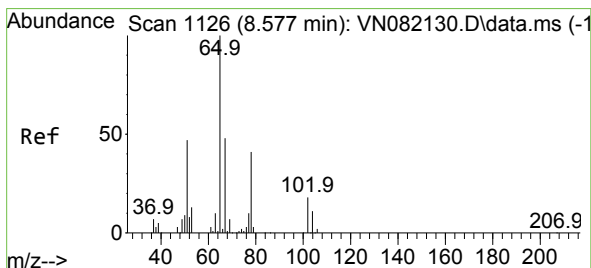
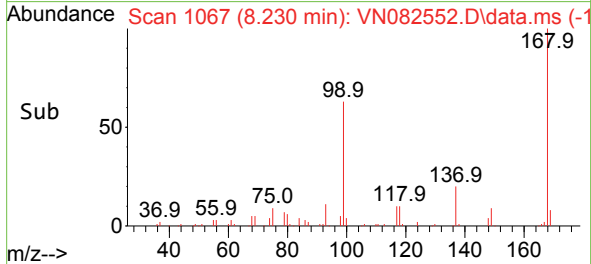
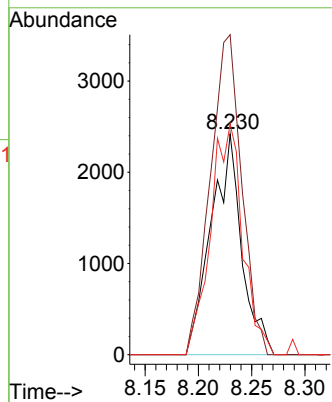


#31
Cyclohexane
Concen: 1.176 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

Instrument :
MSVOA_N
ClientSampleId :
WB-20240610

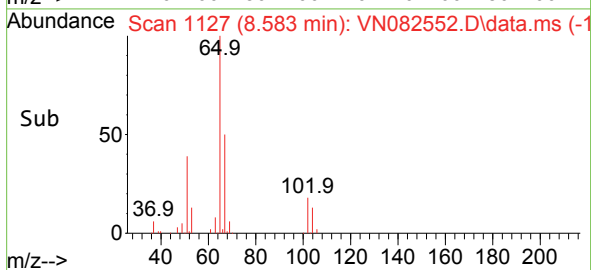
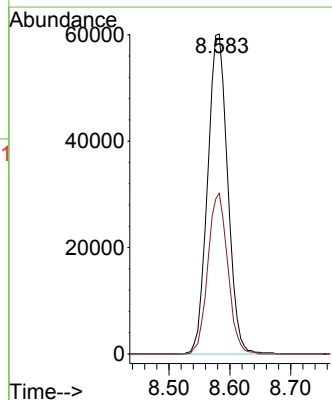
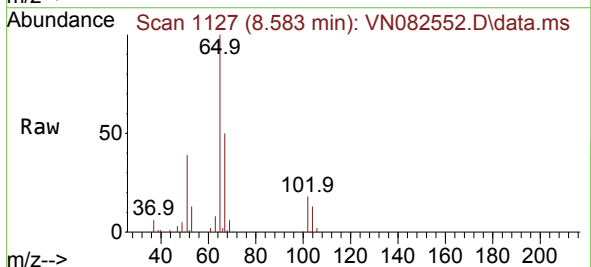


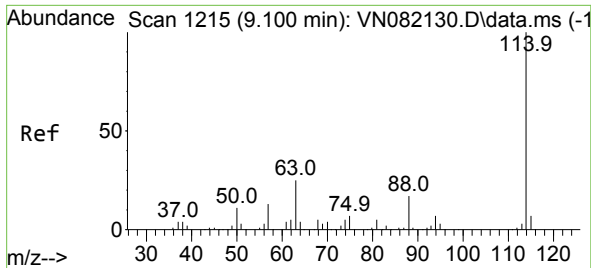
Tgt Ion: 56 Resp: 4827
Ion Ratio Lower Upper
56 100
69 144.9 24.4 36.6#
84 104.5 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 53.539 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

Tgt Ion: 65 Resp: 137618
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.0

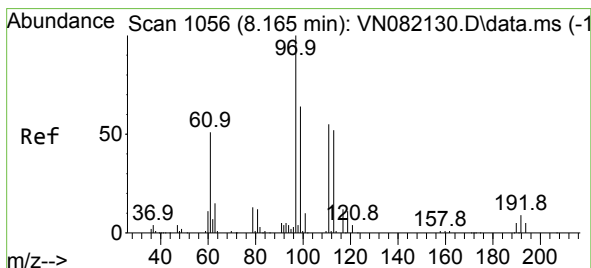
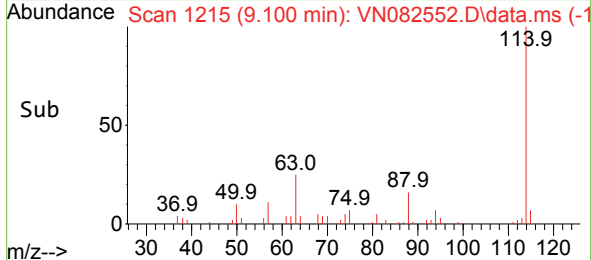
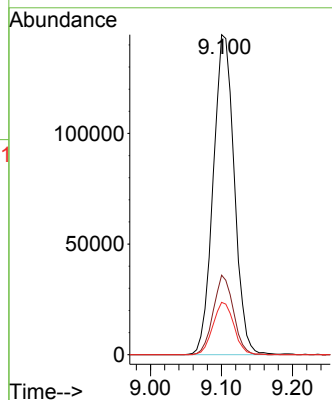
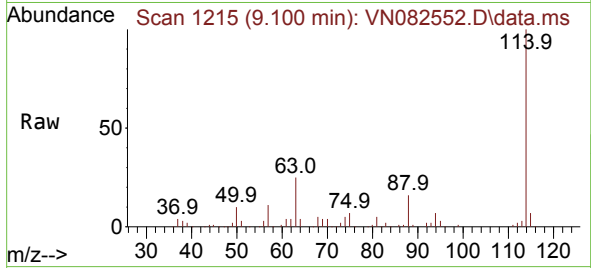




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

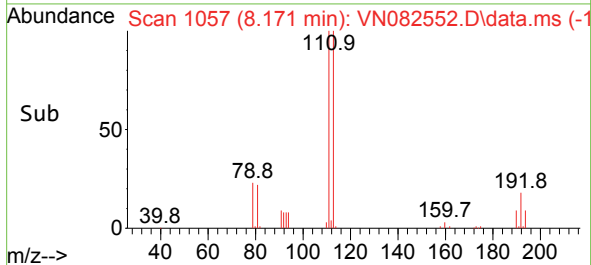
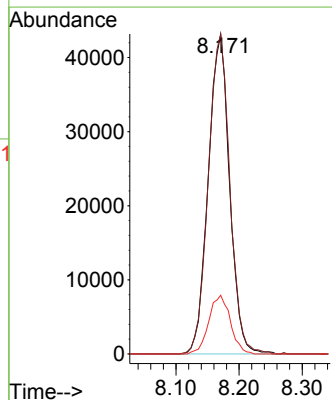
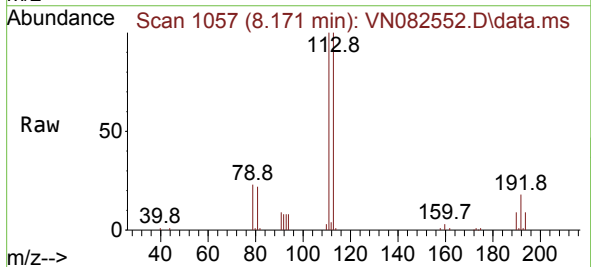
Instrument :
MSVOA_N
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WB-20240610

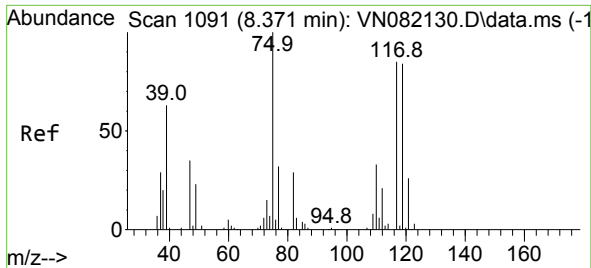
Tgt Ion:114 Resp: 297548
Ion Ratio Lower Upper
114 100
63 24.9 0.0 41.0
88 16.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.363 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

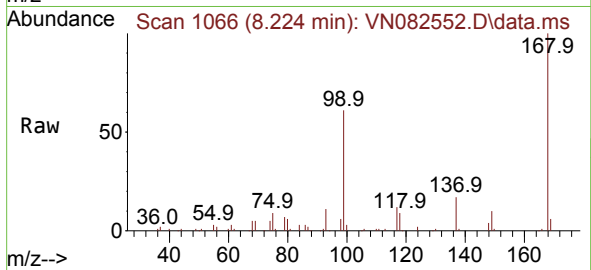
Tgt Ion:113 Resp: 101335
Ion Ratio Lower Upper
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111 101.0 83.4 125.2
192 18.6 14.0 21.0



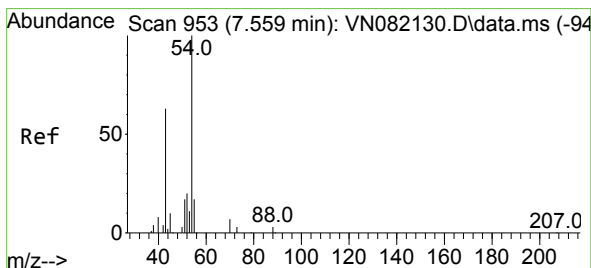
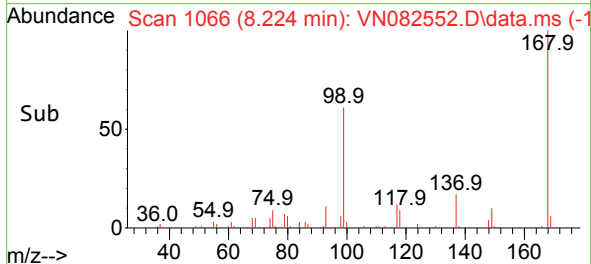
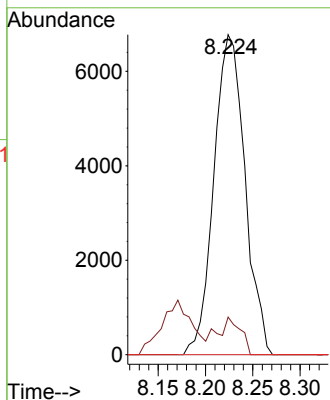


#36
1,1-Dichloropropene
Concen: 5.043 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

Instrument :
MSVOA_N
ClientSampleId :
WB-20240610

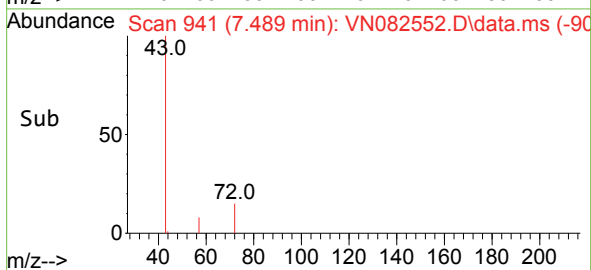
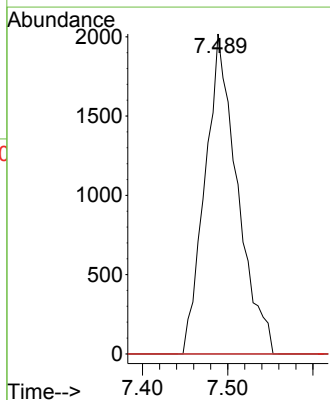
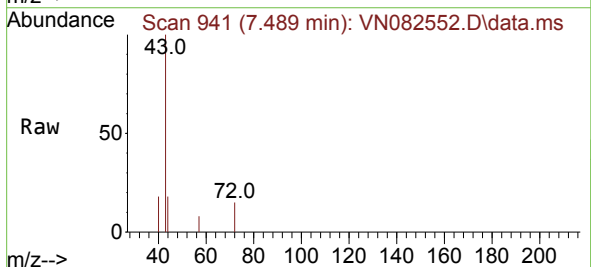


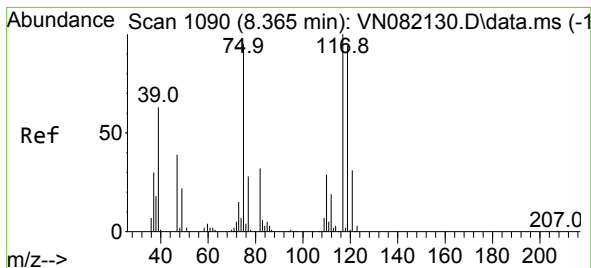
Tgt Ion: 75 Resp: 15481
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.547 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

Tgt Ion: 43 Resp: 5316
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.839 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082552.D

Acq: 13 Jun 2024 12:18

Instrument :

MSVOA_N

ClientSampleId :

WB-20240610

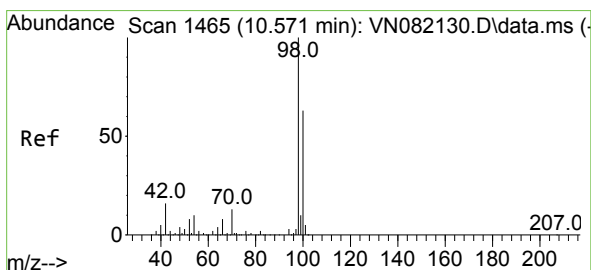
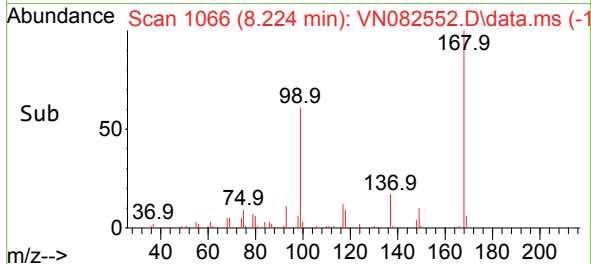
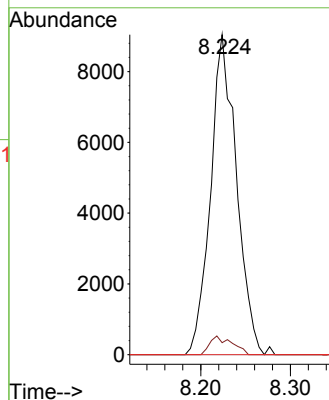
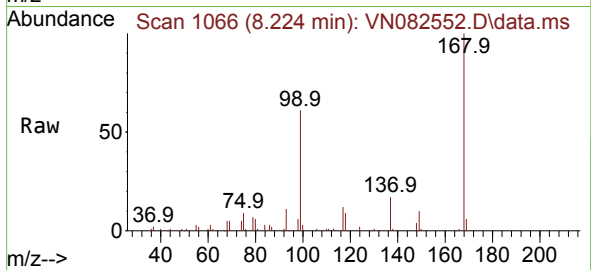
Tgt Ion:117 Resp: 18170

Ion Ratio Lower Upper

117 100

119 3.8 76.5 114.7#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 53.307 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082552.D

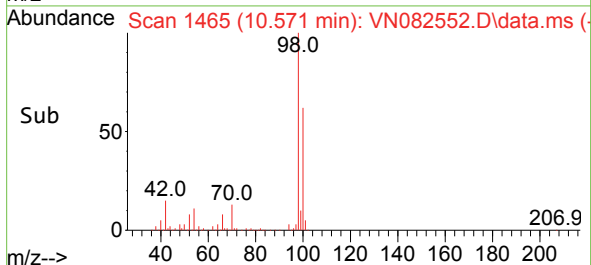
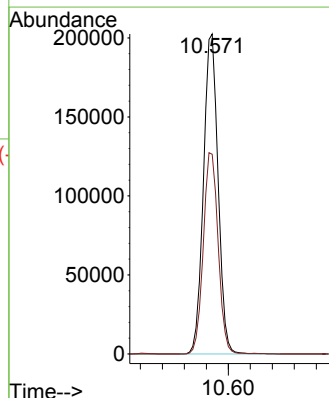
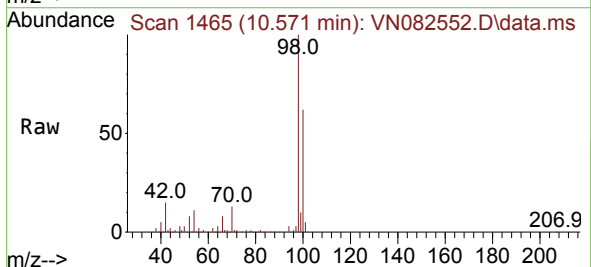
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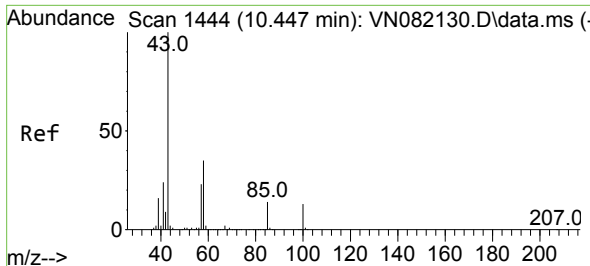
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Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.6

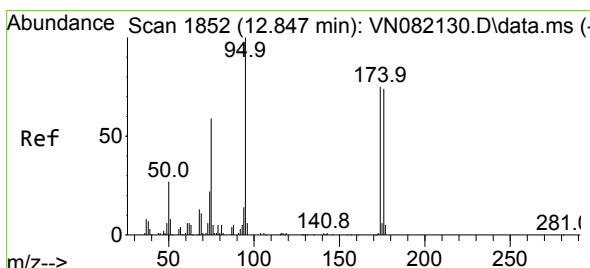
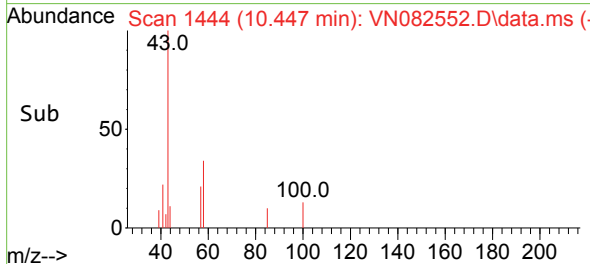
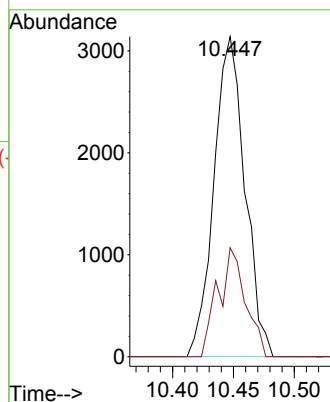
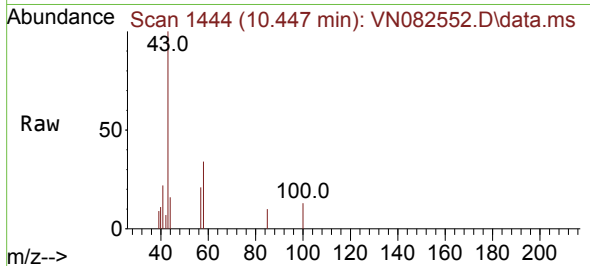




#51
4-Methyl-2-Pentanone
Concen: 1.607 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

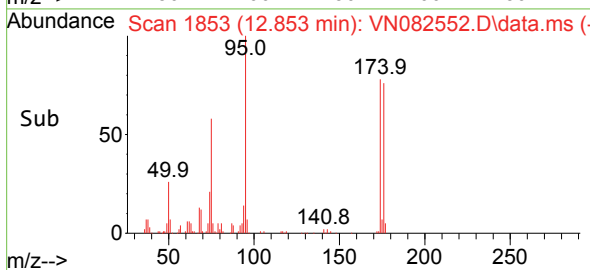
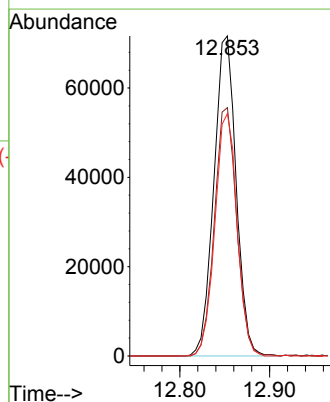
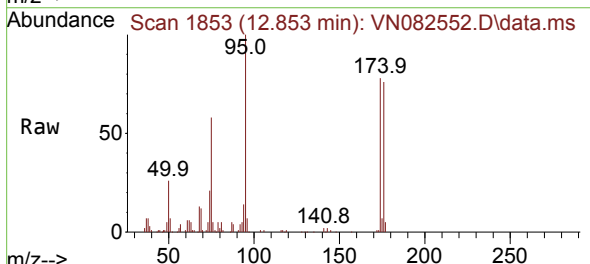
Instrument : MSVOA_N
ClientSampleId : WB-20240610

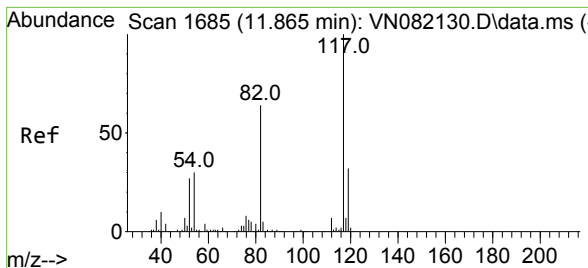
Tgt Ion: 43 Resp: 5557
Ion Ratio Lower Upper
43 100
58 30.3 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 49.285 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

Tgt Ion: 95 Resp: 123444
Ion Ratio Lower Upper
95 100
174 77.6 0.0 160.6
176 74.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082552.D

Acq: 13 Jun 2024 12:18

Instrument :

MSVOA_N

ClientSampleId :

WB-20240610

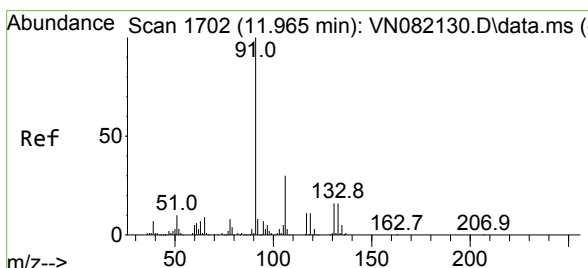
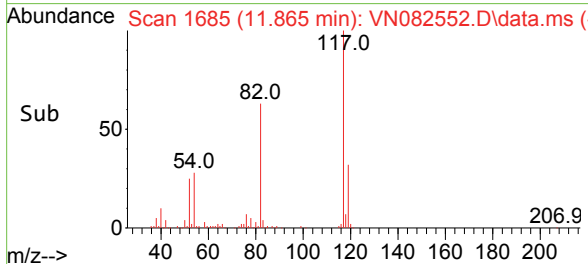
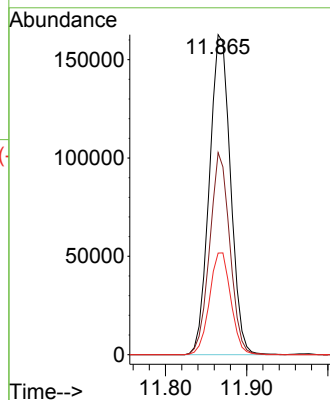
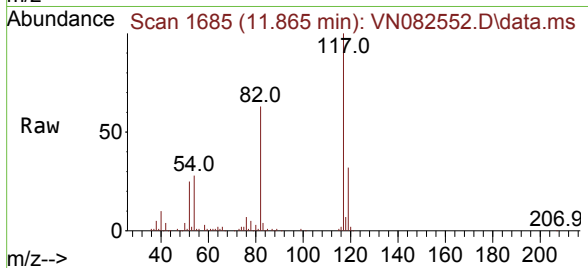
Tgt Ion:117 Resp: 294161

Ion Ratio Lower Upper

117 100

82 63.2 44.6 66.8

119 31.7 25.9 38.9



#67

Ethyl Benzene

Concen: 0.380 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN082552.D

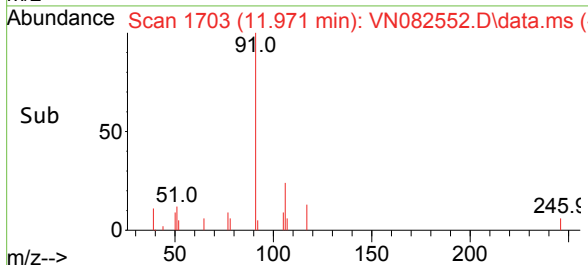
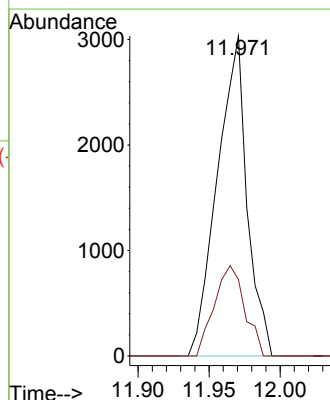
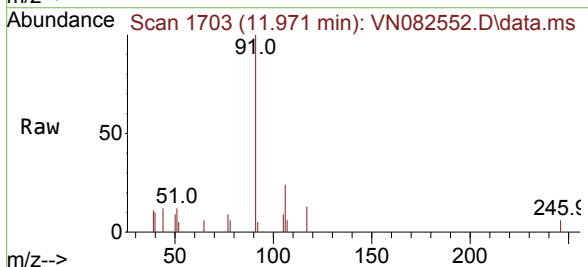
Acq: 13 Jun 2024 12:18

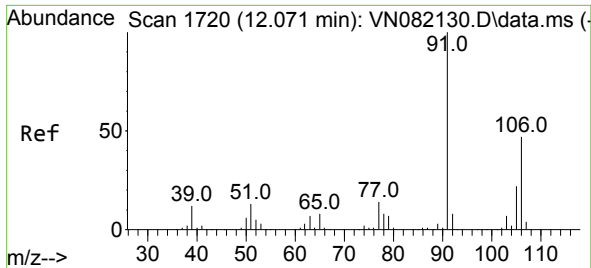
Tgt Ion: 91 Resp: 4413

Ion Ratio Lower Upper

91 100

106 23.9 25.3 37.9#

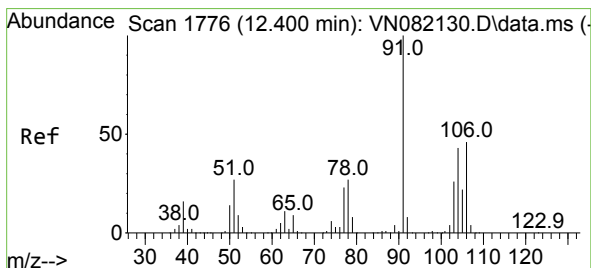
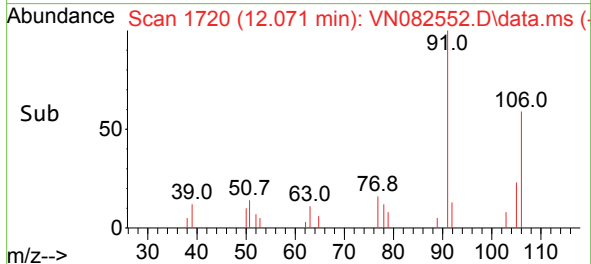
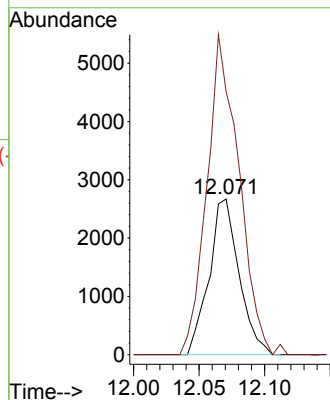
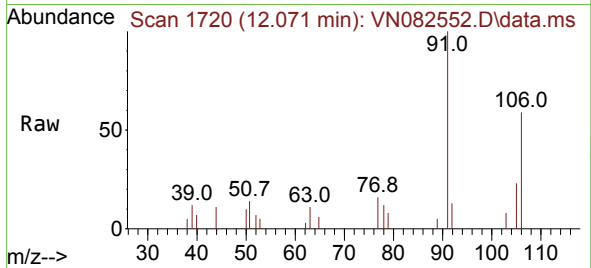




#68
m/p-Xylenes
Concen: 0.996 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

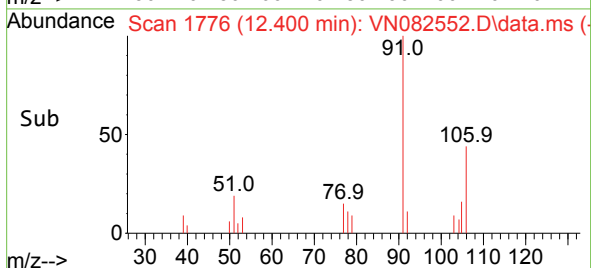
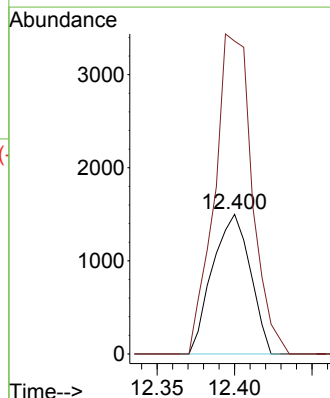
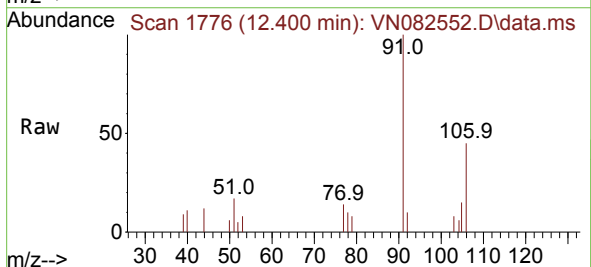
Instrument :
MSVOA_N
ClientSampleId :
WB-20240610

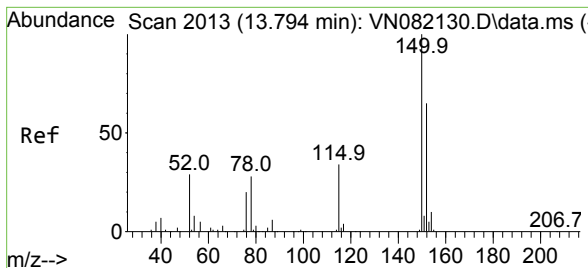
Tgt Ion:106 Resp: 4244
Ion Ratio Lower Upper
106 100
91 220.1 159.4 239.0



#69
o-Xylene
Concen: 0.617 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

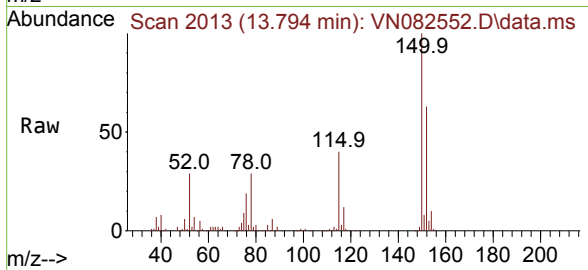
Tgt Ion:106 Resp: 2546
Ion Ratio Lower Upper
106 100
91 228.4 104.7 314.1



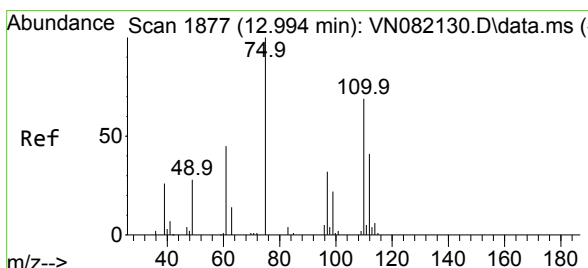
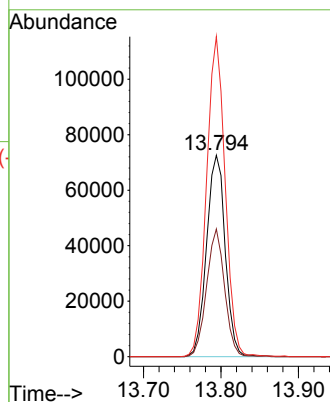
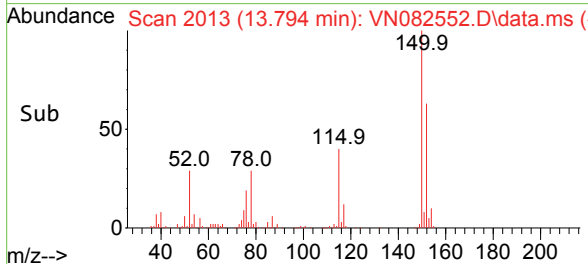


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

Instrument :
MSVOA_N
ClientSampleId :
WB-20240610

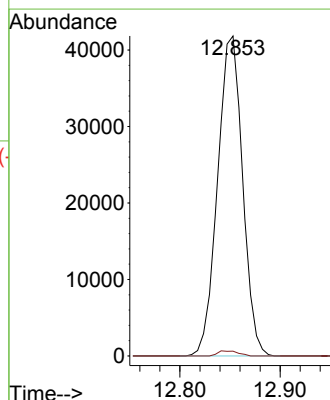
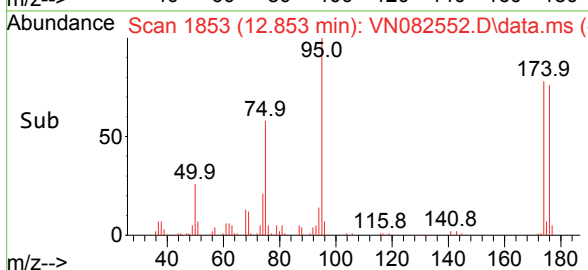
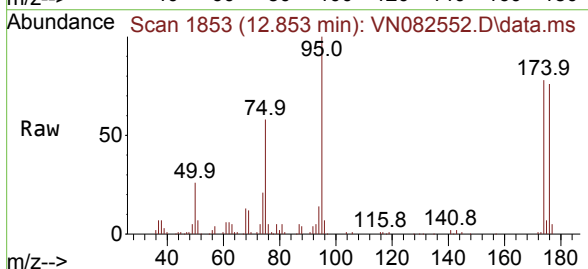


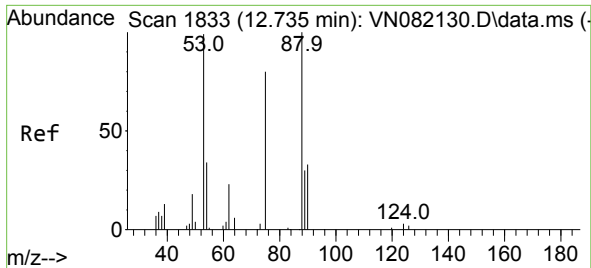
Tgt Ion:152 Resp: 121507
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.3
150 157.7 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 28.358 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082552.D
Acq: 13 Jun 2024 12:18

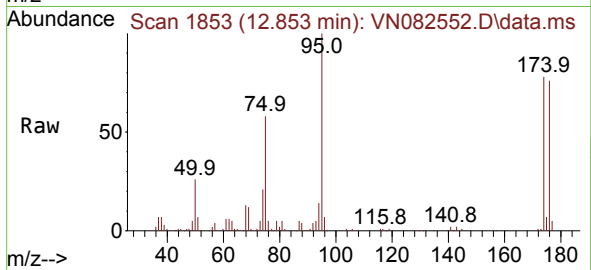
Tgt Ion: 75 Resp: 72525
Ion Ratio Lower Upper
75 100
77 1.3 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.329 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082552.D
 Acq: 13 Jun 2024 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 WB-20240610



Tgt Ion: 75 Resp: 72525
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.9 109.3#
 89 0.0 39.1 58.7#

