

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082555.D
 Acq On : 13 Jun 2024 13:30
 Operator : JC\MD
 Sample : P2840-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20240610

Quant Time: Jun 14 02:28:08 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)

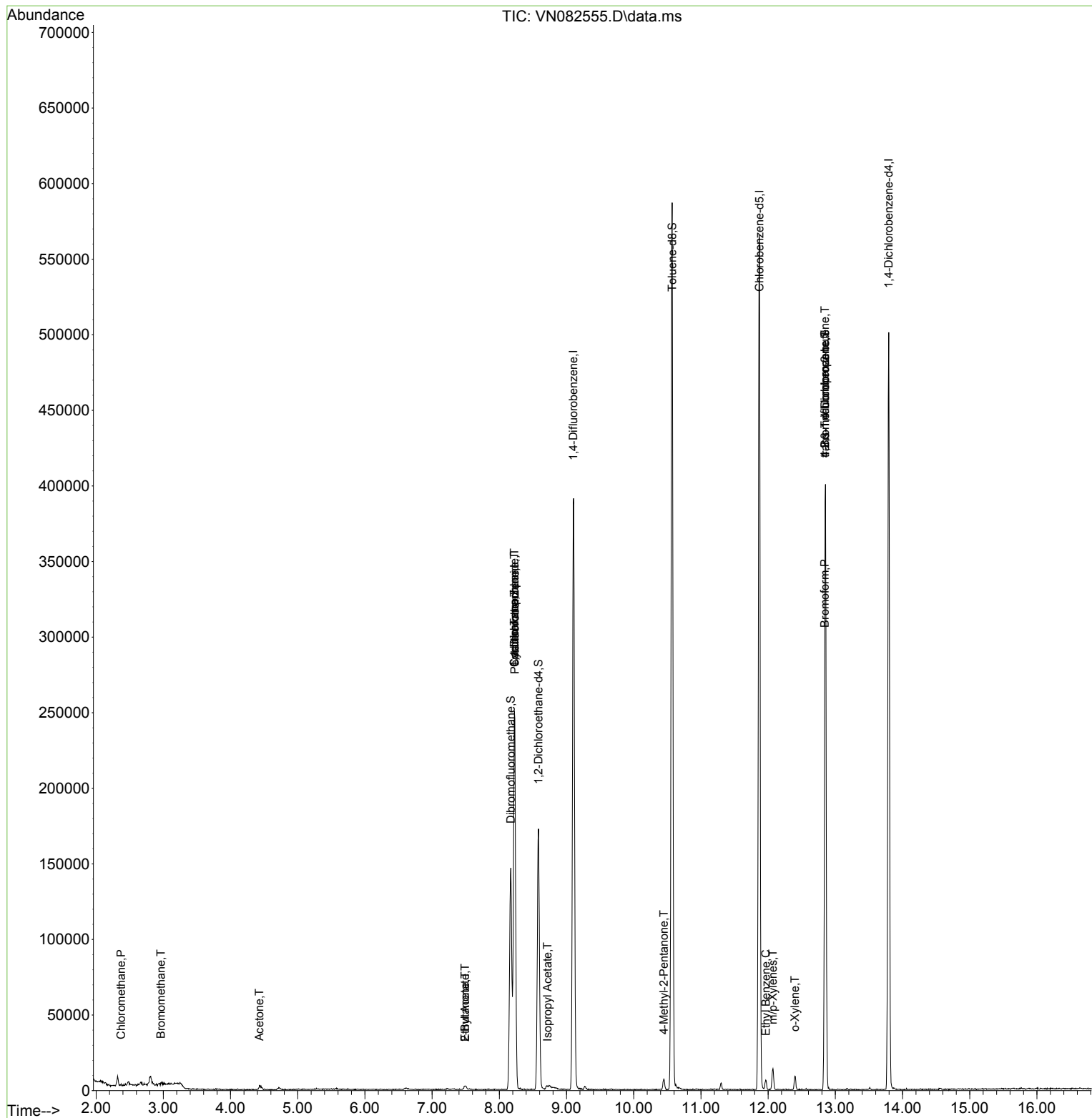
Internal Standards						
1) Pentafluorobenzene	8.230	168	173481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	305268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141990	51.834	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.660%	
35) Dibromofluoromethane	8.171	113	102882	53.432	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.860%	
50) Toluene-d8	10.571	98	385787	52.260	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	12.847	95	127680	48.458	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	778	0.274	ug/l	100
5) Bromomethane	2.965	94	673	0.439	ug/l	94
16) Acetone	4.430	43	4820	4.289	ug/l	93
25) 2-Butanone	7.489	43	5019	2.946	ug/l #	69
31) Cyclohexane	8.224	56	5010	1.145	ug/l #	34
36) 1,1-Dichloropropene	8.224	75	16667	5.161	ug/l #	48
37) Ethyl Acetate	7.489	43	5019	1.389	ug/l #	68
38) Carbon Tetrachloride	8.224	117	18884	5.769	ug/l #	15
43) Isopropyl Acetate	8.718	43	2298	0.359	ug/l #	52
51) 4-Methyl-2-Pentanone	10.447	43	5174	1.422	ug/l	92
67) Ethyl Benzene	11.965	91	5125	0.425	ug/l #	86
68) m/p-Xylenes	12.071	106	4532	1.025	ug/l	99
69) o-Xylene	12.400	106	2584	0.603	ug/l	94
71) Bromoform	12.841	173	149	0.784	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	73664	27.365	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73664	64.005	ug/l #	12

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

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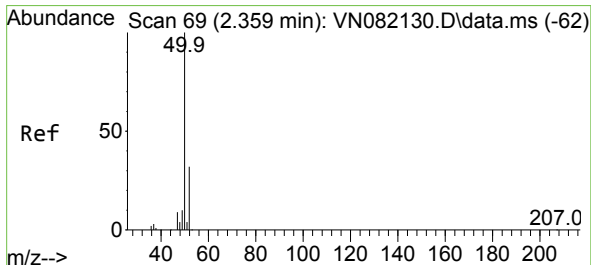
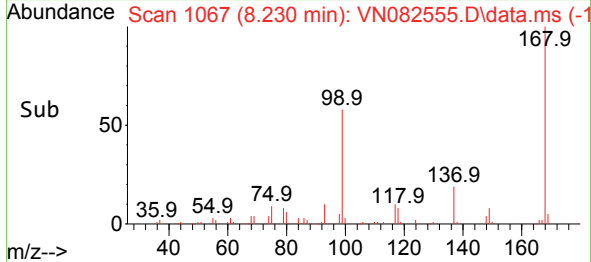
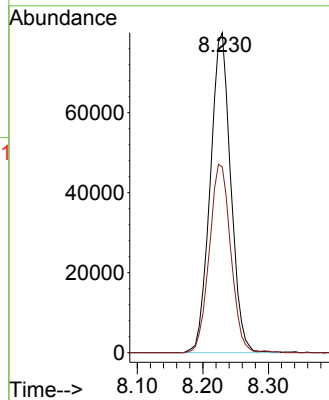
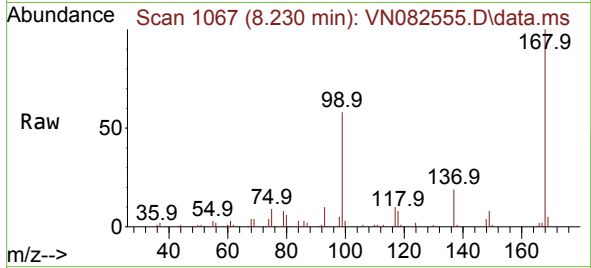




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

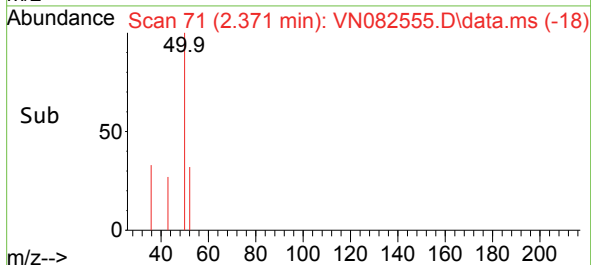
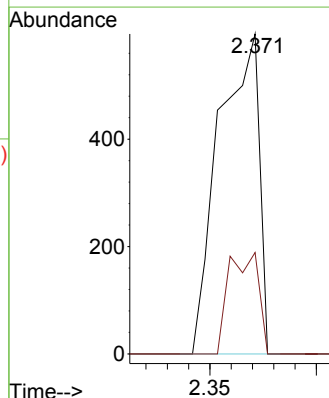
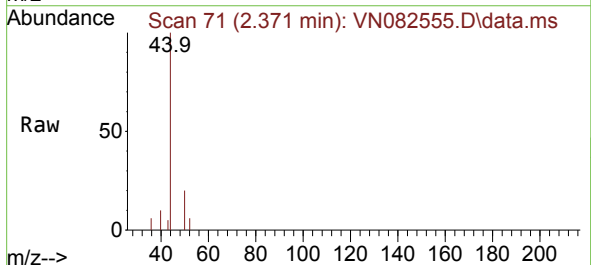
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MSVOA_N
ClientSampleId :
EB-20240610

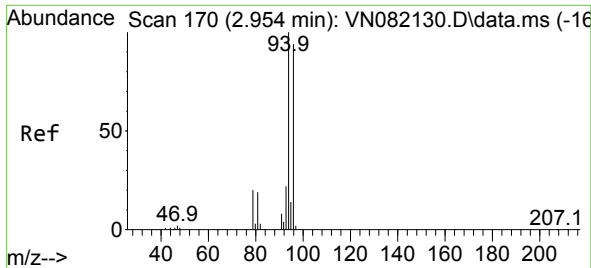
Tgt Ion:168 Resp: 173481
Ion Ratio Lower Upper
168 100
99 58.0 48.2 72.4



#3
Chloromethane
Concen: 0.274 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

Tgt Ion: 50 Resp: 778
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3

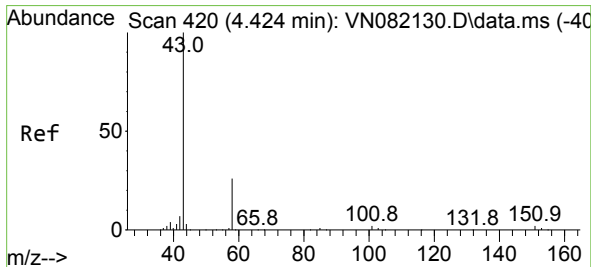
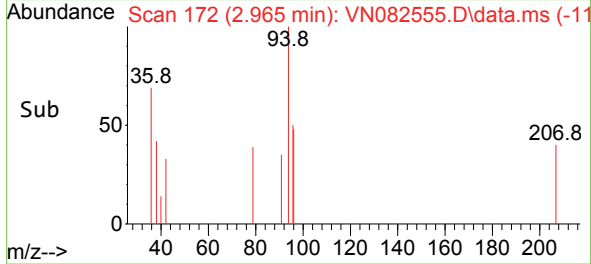
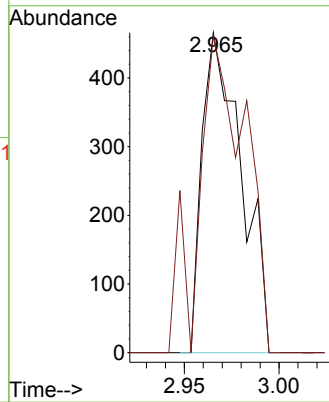
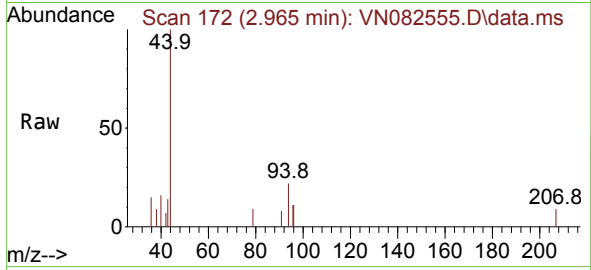




#5
Bromomethane
Concen: 0.439 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

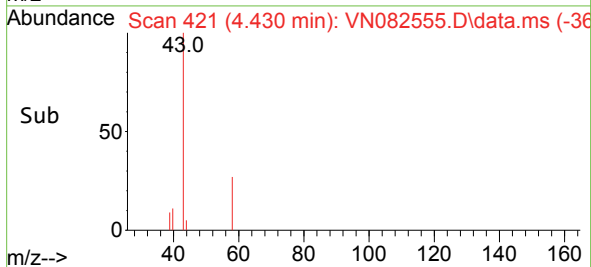
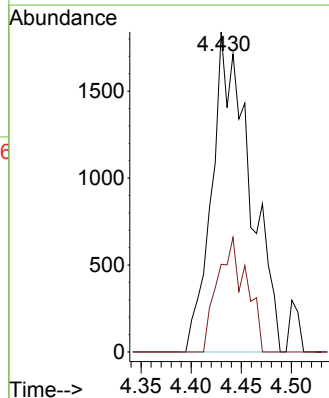
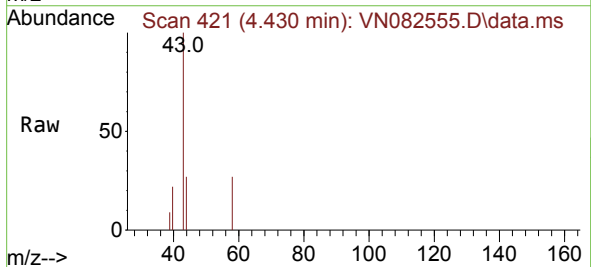
Instrument :
MSVOA_N
ClientSampleId :
EB-20240610

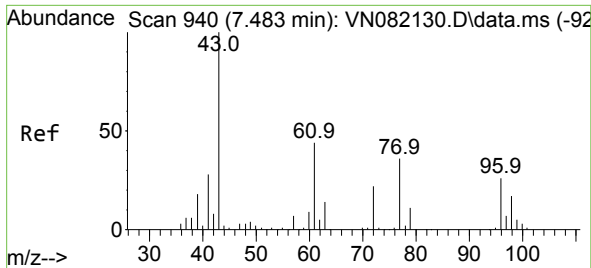
Tgt Ion: 94 Resp: 673
Ion Ratio Lower Upper
94 100
96 98.9 74.8 112.2



#16
Acetone
Concen: 4.289 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

Tgt Ion: 43 Resp: 4820
Ion Ratio Lower Upper
43 100
58 27.4 25.2 37.8

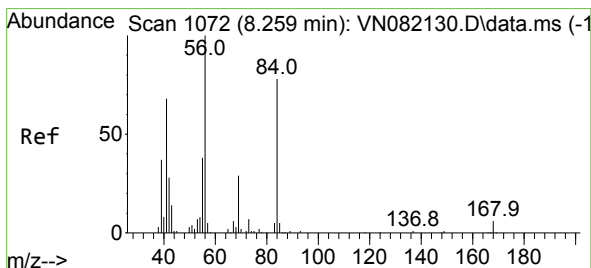
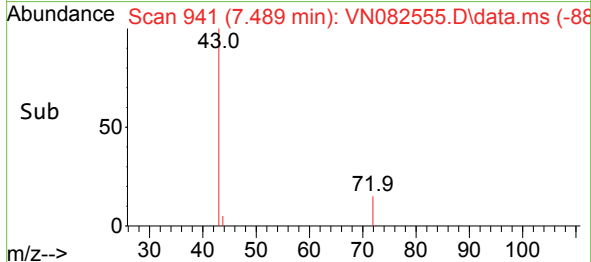
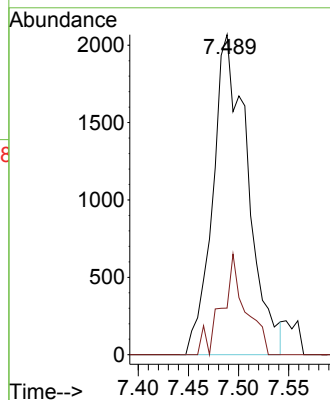
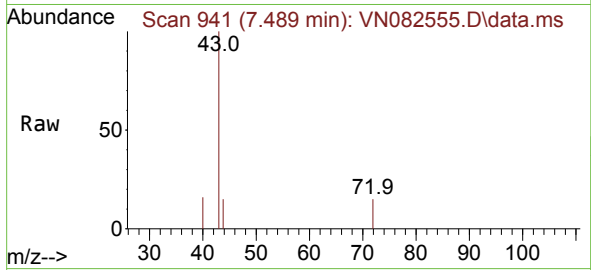




#25
2-Butanone
Concen: 2.946 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

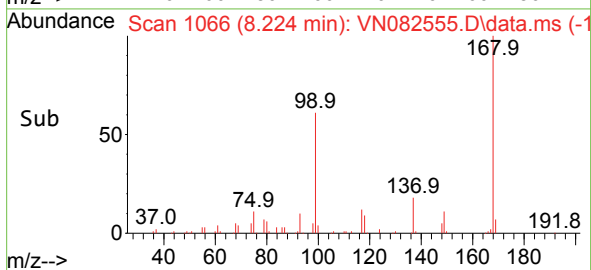
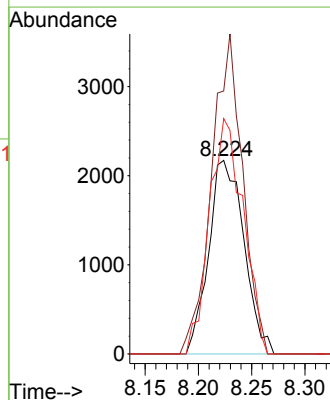
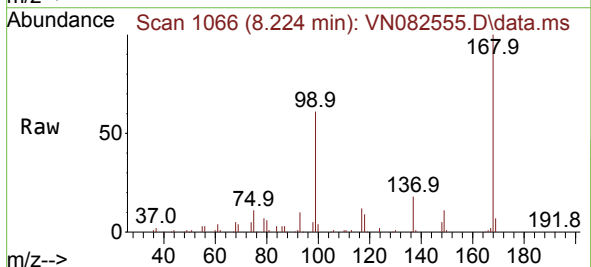
Instrument :
MSVOA_N
ClientSampleId :
EB-20240610

Tgt Ion: 43 Resp: 5019
Ion Ratio Lower Upper
43 100
72 14.6 25.3 37.9#



#31
Cyclohexane
Concen: 1.145 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

Tgt Ion: 56 Resp: 5010
Ion Ratio Lower Upper
56 100
69 135.9 24.4 36.6#
84 121.6 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 51.834 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082555.D

Acq: 13 Jun 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

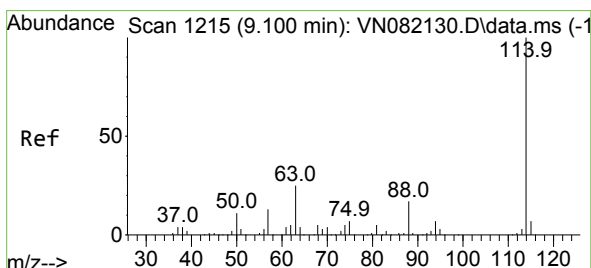
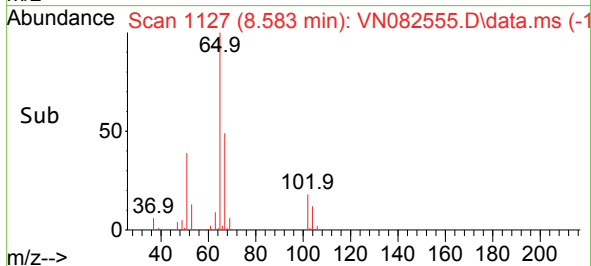
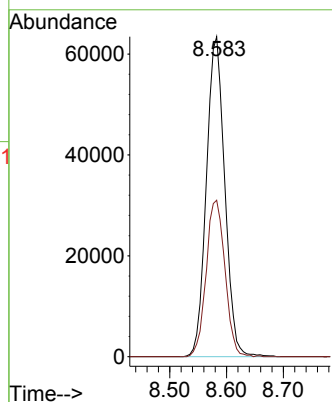
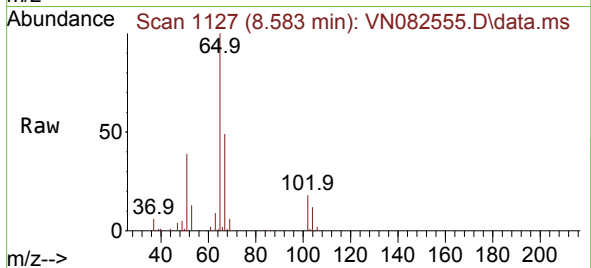
EB-20240610

Tgt Ion: 65 Resp: 141990

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082555.D

Acq: 13 Jun 2024 13:30

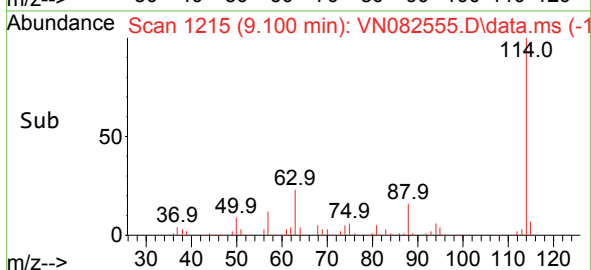
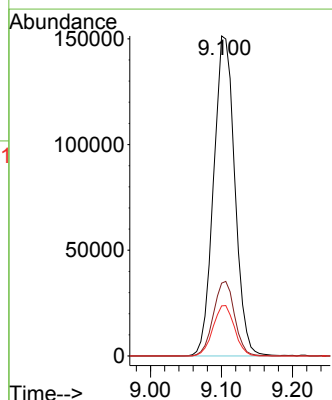
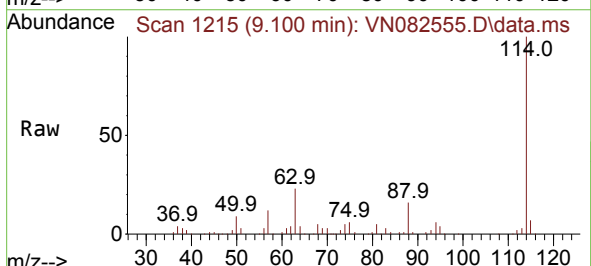
Tgt Ion: 114 Resp: 313005

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.0

88 15.7 0.0 31.4

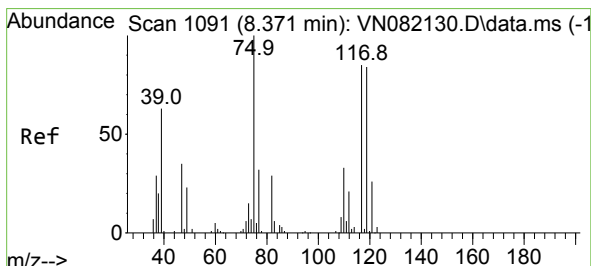
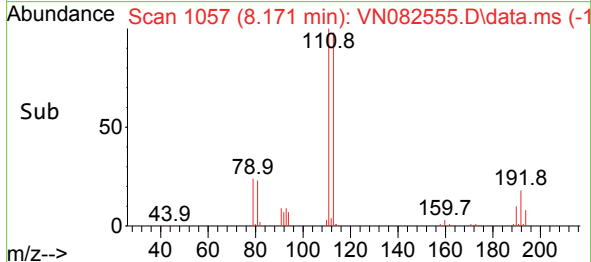
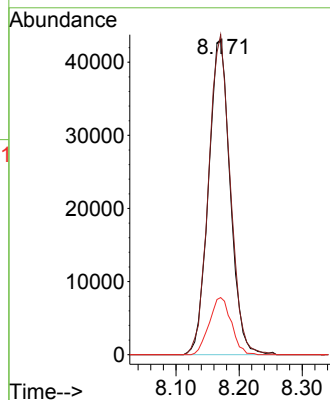
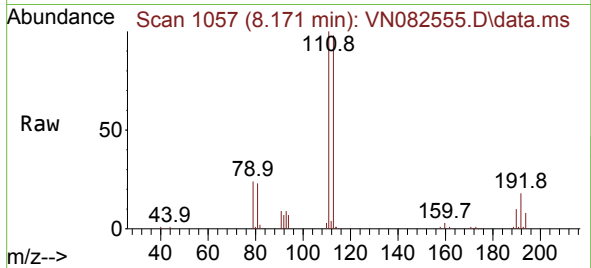




#35
 Dibromofluoromethane
 Concen: 53.432 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN082555.D
 Acq: 13 Jun 2024 13:30

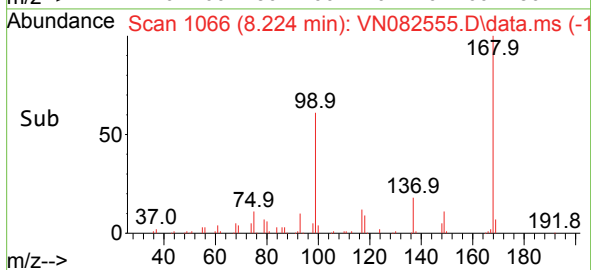
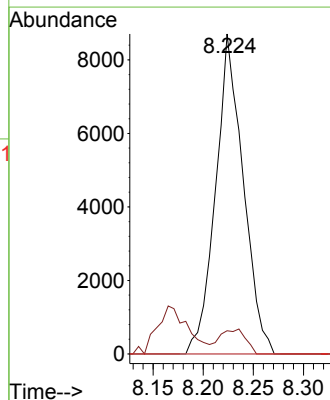
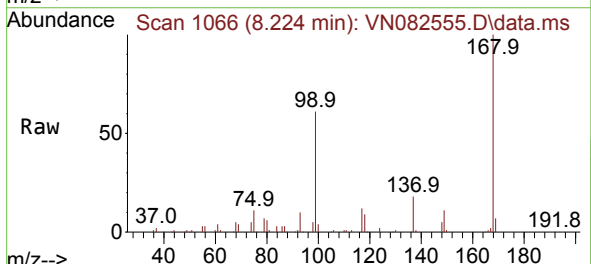
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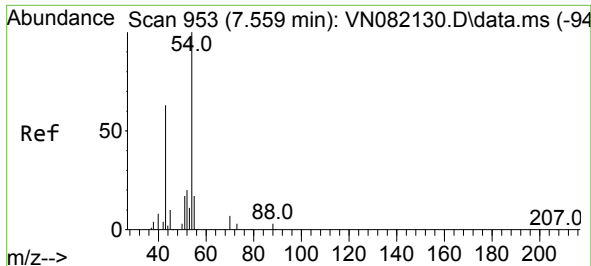
Tgt Ion:113 Resp: 102882
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.4 125.2
 192 18.4 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 5.161 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN082555.D
 Acq: 13 Jun 2024 13:30

Tgt Ion: 75 Resp: 16667
 Ion Ratio Lower Upper
 75 100
 110 7.3 17.8 53.5#
 77 0.0 25.0 37.4#

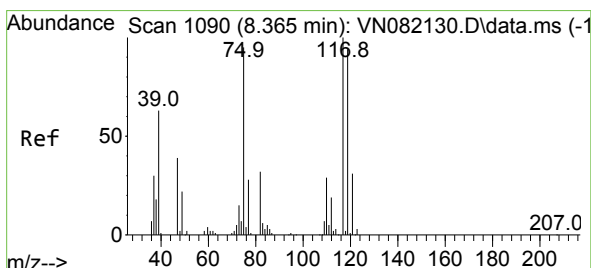
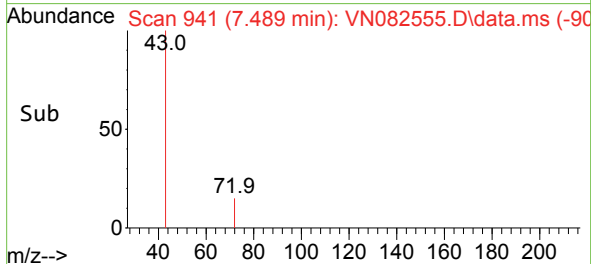
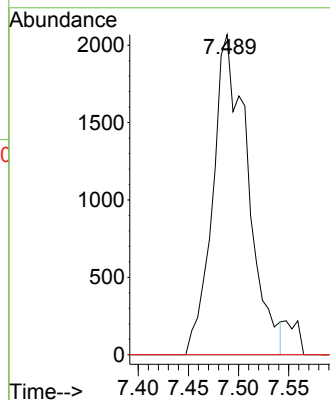
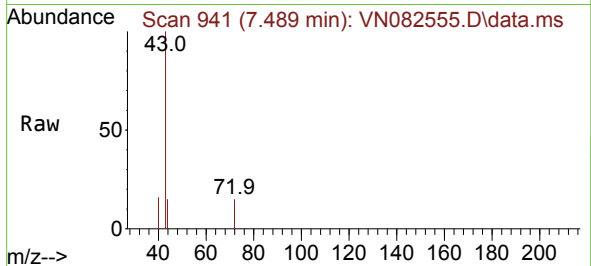




#37
Ethyl Acetate
Concen: 1.389 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

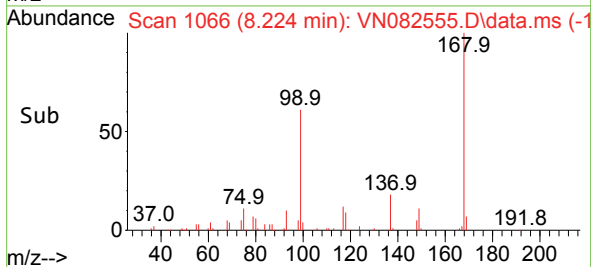
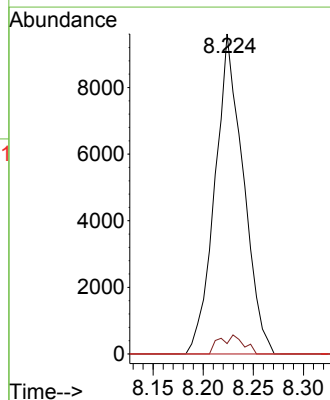
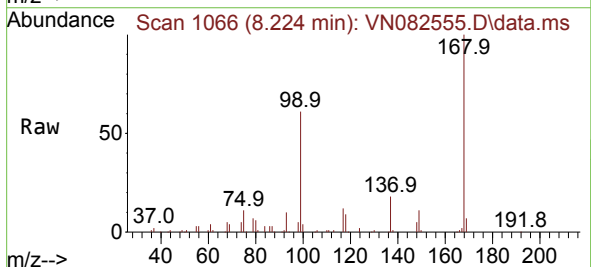
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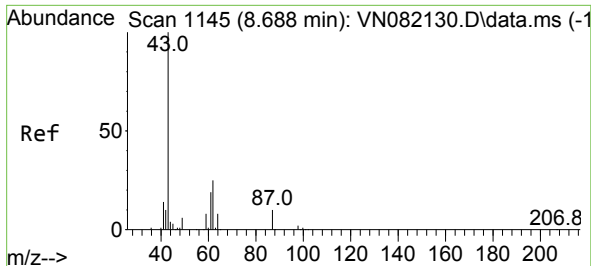
Tgt Ion: 43 Resp: 5019
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.769 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

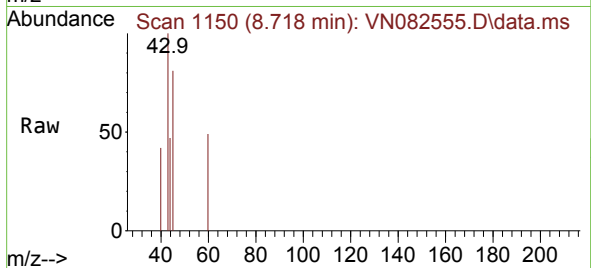
Tgt Ion: 117 Resp: 18884
Ion Ratio Lower Upper
117 100
119 3.3 76.5 114.7#
121 0.0 23.9 35.9#



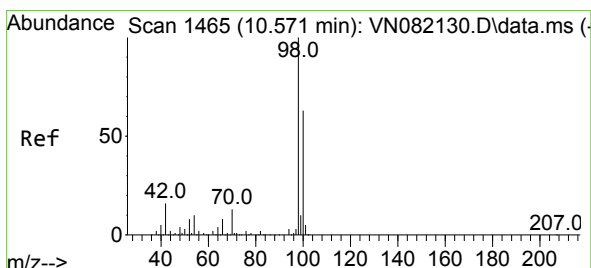
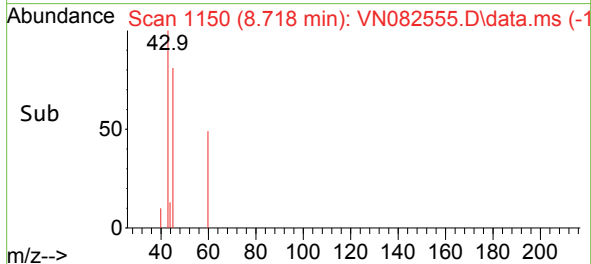
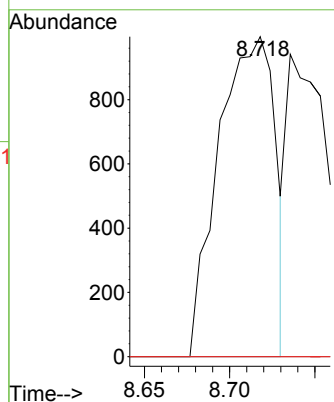


#43
Isopropyl Acetate
Concen: 0.359 ug/l
RT: 8.718 min Scan# 1145
Delta R.T. 0.029 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
EB-20240610

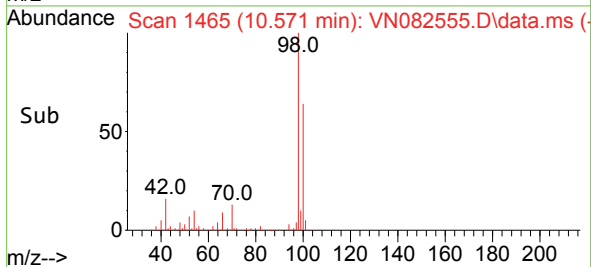
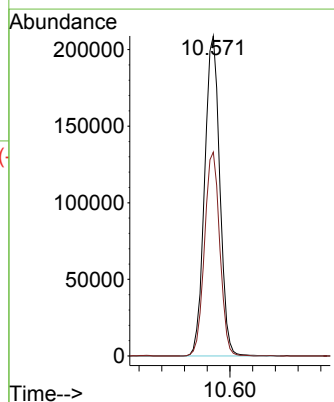
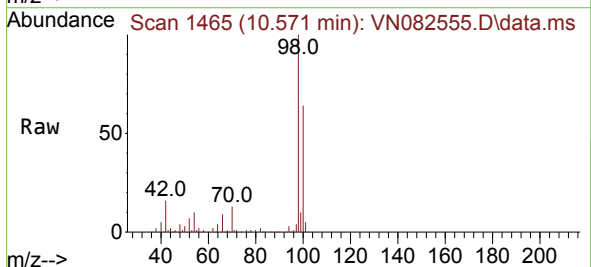


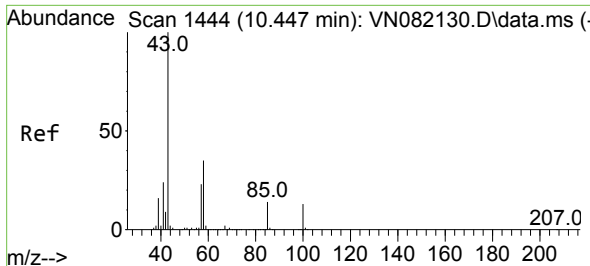
Tgt Ion: 43 Resp: 2298
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 52.260 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

Tgt Ion: 98 Resp: 385787
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

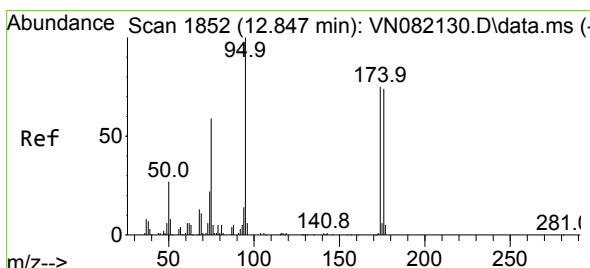
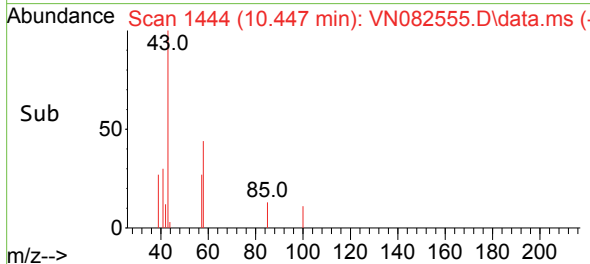
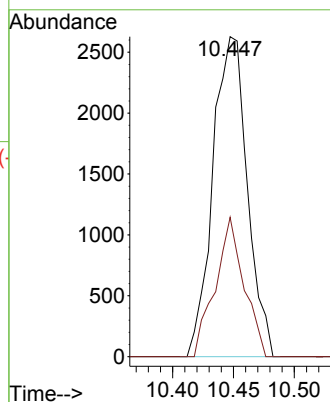
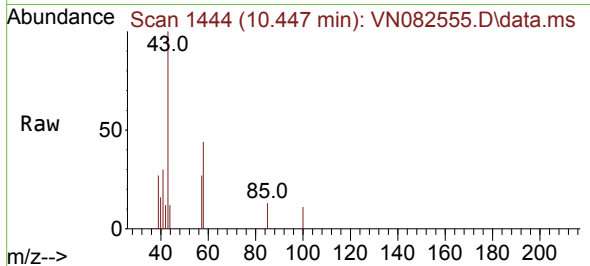




#51
4-Methyl-2-Pentanone
Concen: 1.422 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

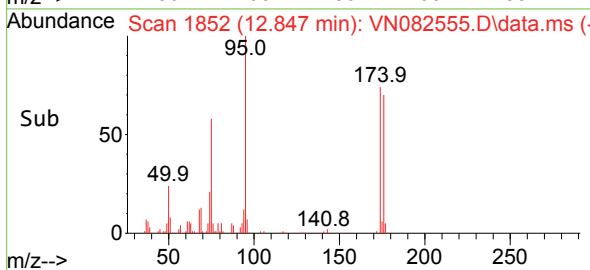
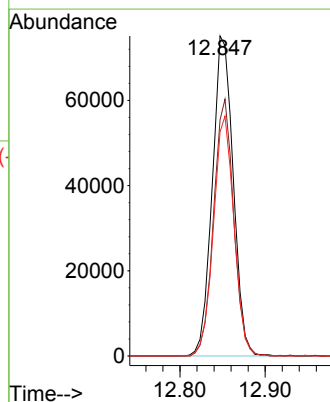
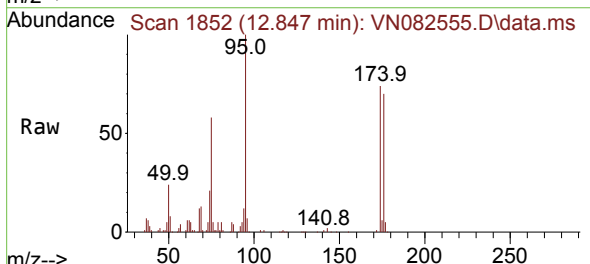
Instrument :
MSVOA_N
ClientSampleId :
EB-20240610

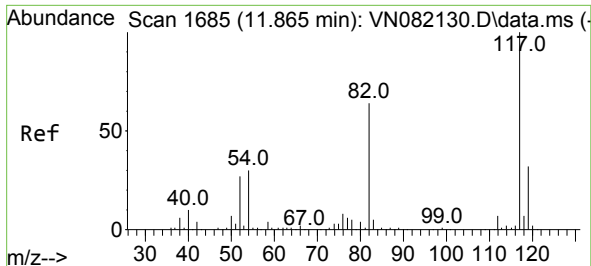
Tgt Ion: 43 Resp: 5174
Ion Ratio Lower Upper
43 100
58 36.3 33.2 49.8



#62
4-Bromofluorobenzene
Concen: 48.458 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

Tgt Ion: 95 Resp: 127680
Ion Ratio Lower Upper
95 100
174 77.4 0.0 160.6
176 73.6 0.0 152.8

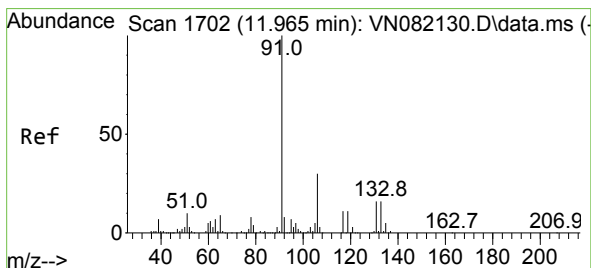
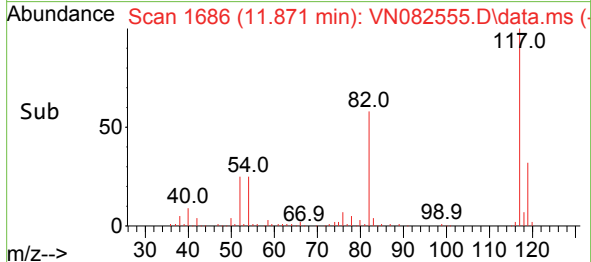
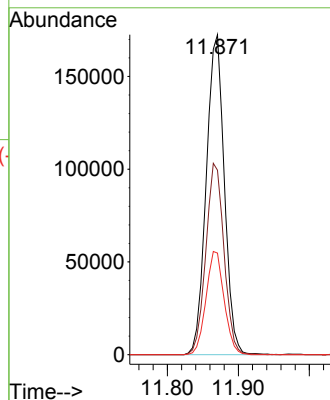
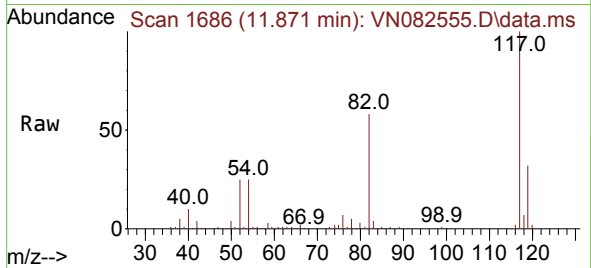




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

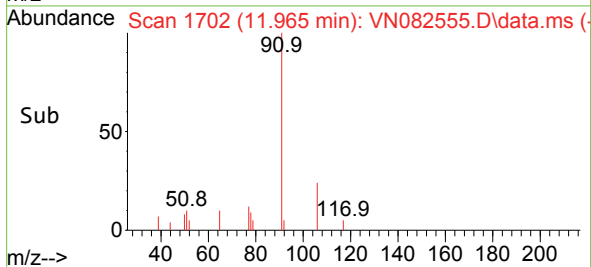
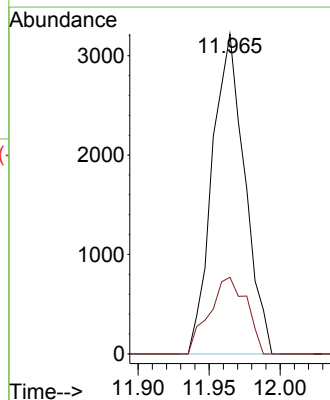
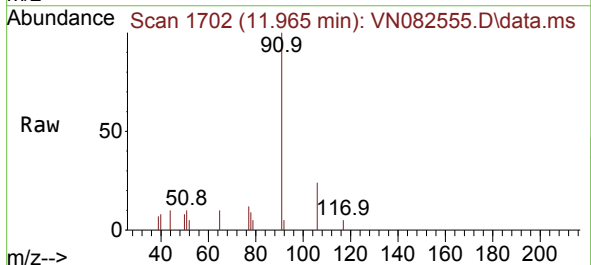
Instrument :
MSVOA_N
ClientSampleId :
EB-20240610

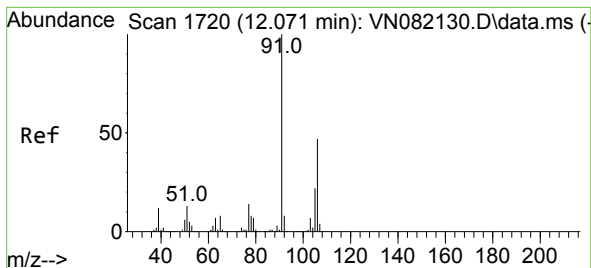
Tgt Ion:117 Resp: 305268
Ion Ratio Lower Upper
117 100
82 57.6 44.6 66.8
119 31.7 25.9 38.9



#67
Ethyl Benzene
Concen: 0.425 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082555.D
Acq: 13 Jun 2024 13:30

Tgt Ion: 91 Resp: 5125
Ion Ratio Lower Upper
91 100
106 23.9 25.3 37.9#





#68

m/p-Xylenes

Concen: 1.025 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN082555.D

Acq: 13 Jun 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

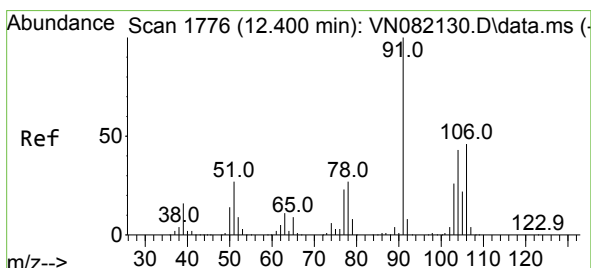
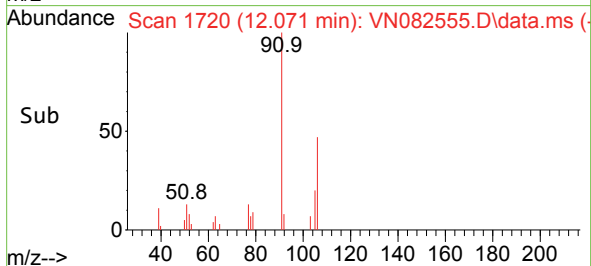
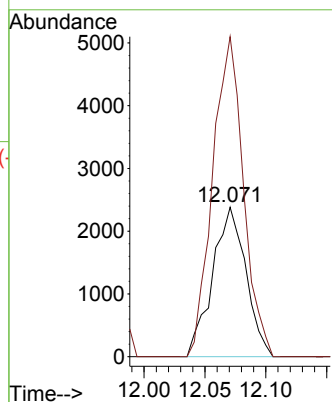
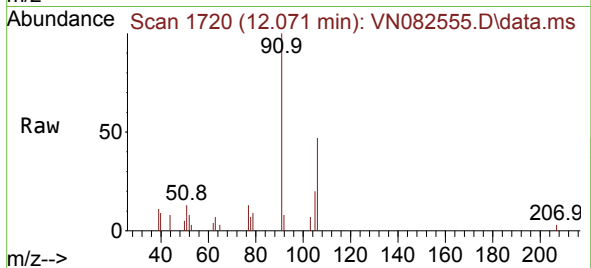
EB-20240610

Tgt Ion:106 Resp: 4532

Ion Ratio Lower Upper

106 100

91 197.7 159.4 239.0



#69

o-Xylene

Concen: 0.603 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN082555.D

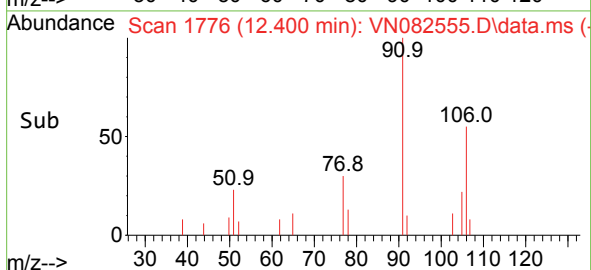
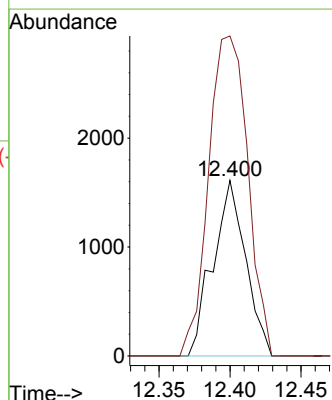
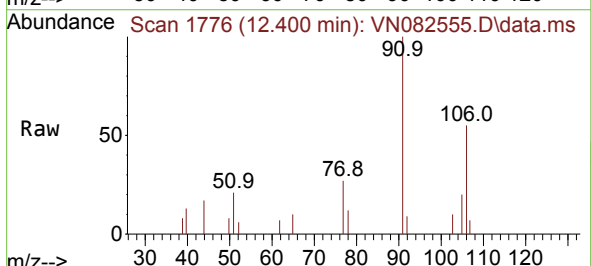
Acq: 13 Jun 2024 13:30

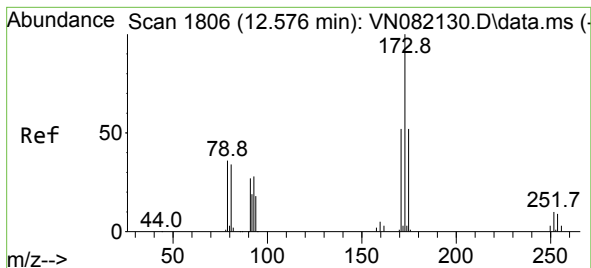
Tgt Ion:106 Resp: 2584

Ion Ratio Lower Upper

106 100

91 218.3 104.7 314.1





#71

Bromoform

Concen: 0.784 ug/l

RT: 12.841 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN082555.D

Acq: 13 Jun 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

EB-20240610

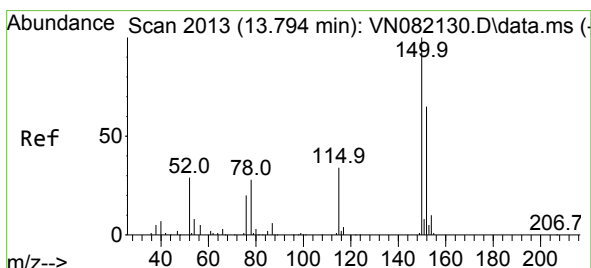
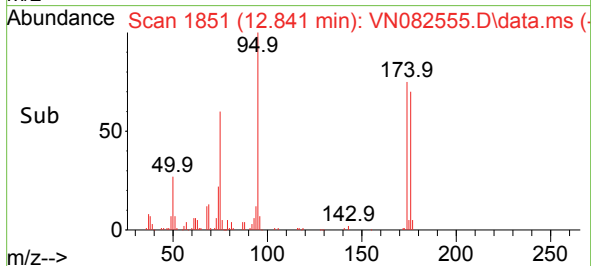
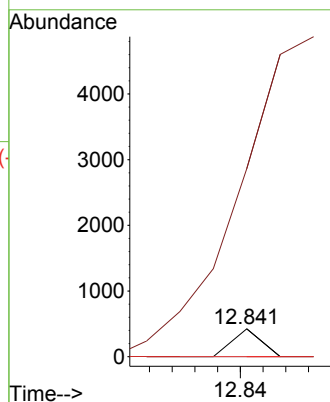
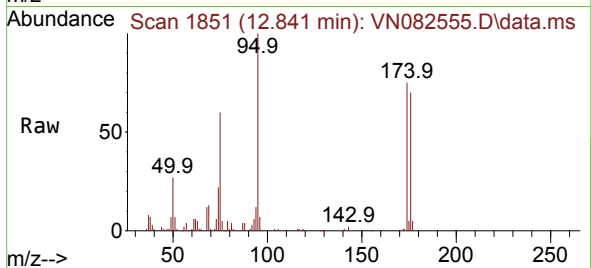
Tgt Ion:173 Resp: 149

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: VN082555.D

Acq: 13 Jun 2024 13:30

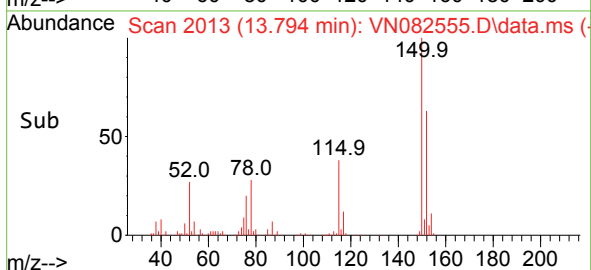
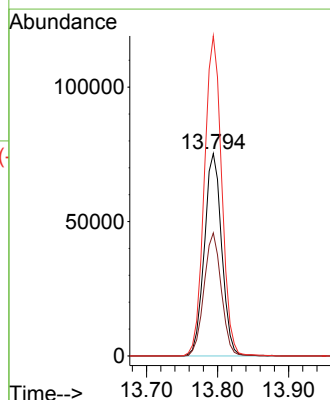
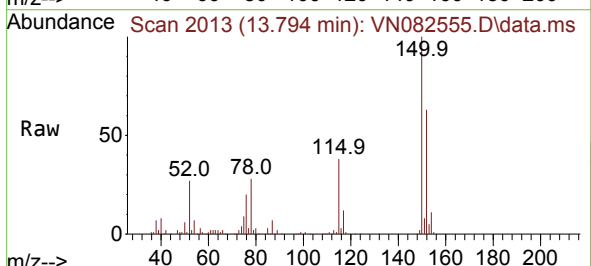
Tgt Ion:152 Resp: 127898

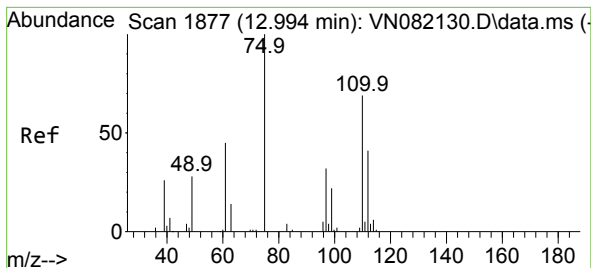
Ion Ratio Lower Upper

152 100

115 60.5 30.4 91.3

150 158.3 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 27.365 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082555.D

Acq: 13 Jun 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

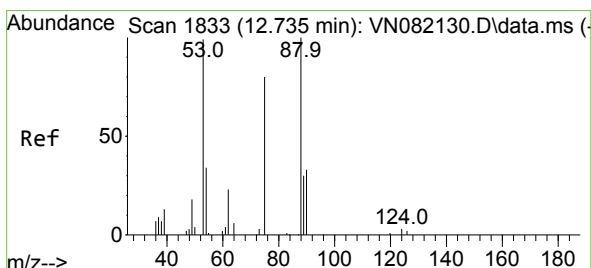
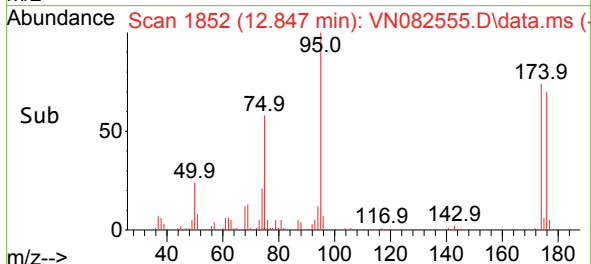
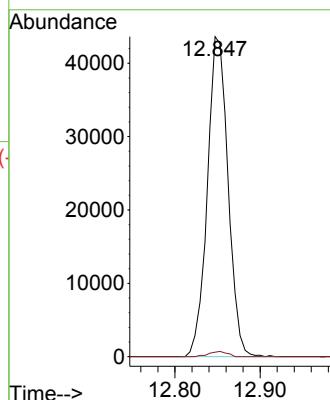
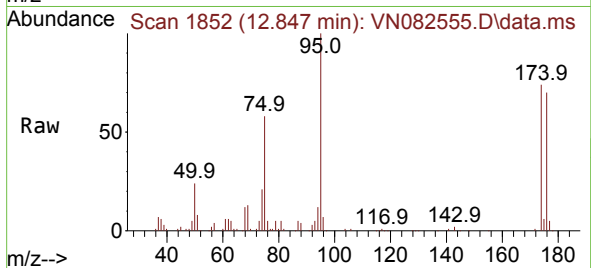
EB-20240610

Tgt Ion: 75 Resp: 73664

Ion Ratio Lower Upper

75 100

77 1.5 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.005 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN082555.D

Acq: 13 Jun 2024 13:30

Tgt Ion: 75 Resp: 73664

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

