

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075956.D
 Acq On : 23 Dec 2022 11:06
 Operator : JC\MD
 Sample : N6198-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-122222

Quant Time: Dec 26 04:29:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

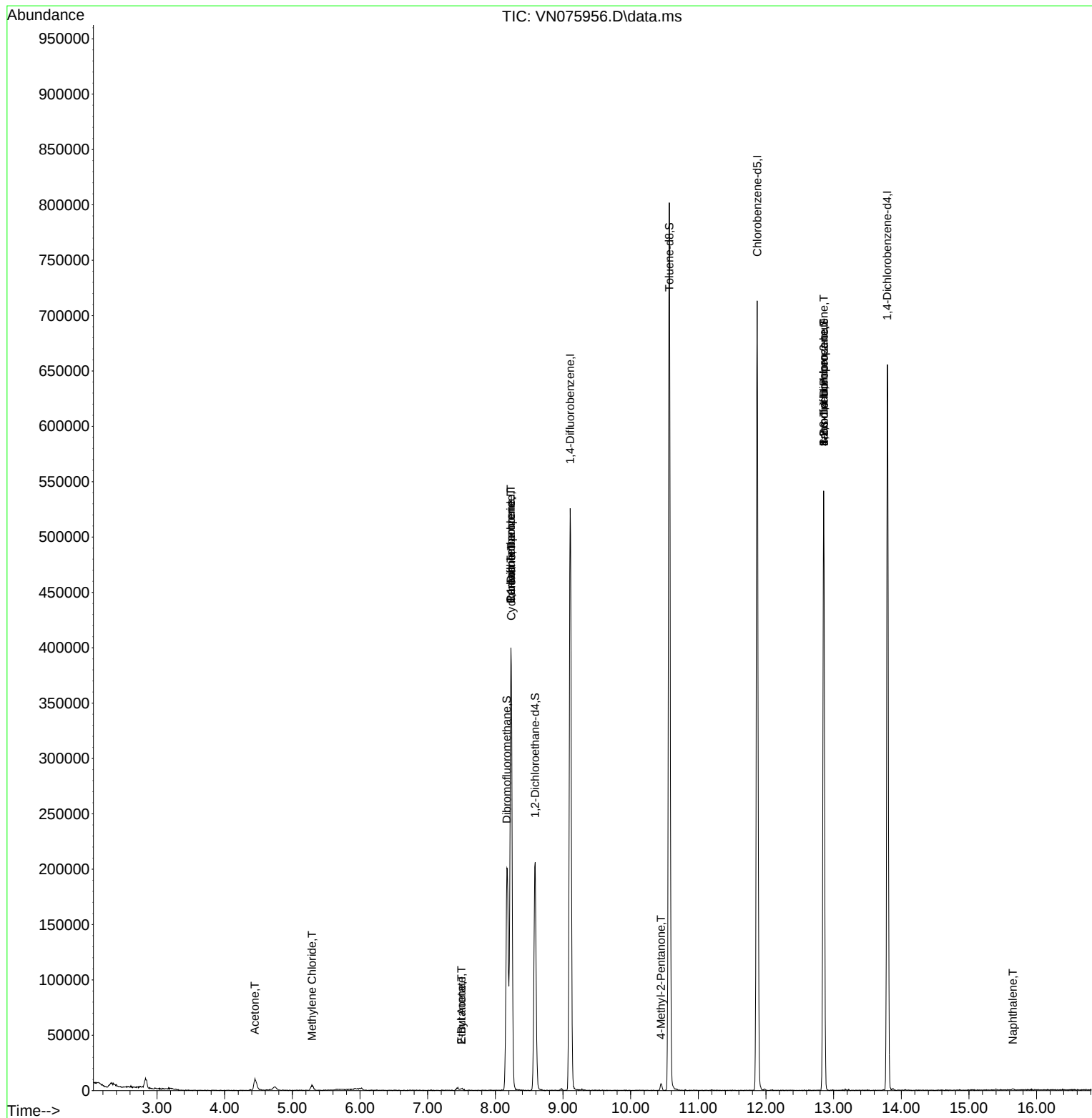
Internal Standards						
1) Pentafluorobenzene	8.230	168	306344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	490226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	427598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	166624	49.996	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.000%			
35) Dibromofluoromethane	8.171	113	149381	49.205	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.400%			
50) Toluene-d8	10.571	98	566401	49.899	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.800%			
62) 4-Bromofluorobenzene	12.853	95	178743	47.544	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.080%			
Target Compounds					Qvalue	
16) Acetone	4.448	43	19240	16.747	ug/l #	84
20) Methylene Chloride	5.289	84	3767	0.593	ug/l	87
25) 2-Butanone	7.500	43	3095	1.924	ug/l #	83
31) Cyclohexane	8.236	56	6228	1.305	ug/l #	29
36) 1,1-Dichloropropene	8.230	75	21551	5.344	ug/l #	49
37) Ethyl Acetate	7.500	43	3095	0.955	ug/l #	65
38) Carbon Tetrachloride	8.230	117	30313	6.716	ug/l #	16
51) 4-Methyl-2-Pentanone	10.447	43	4116	1.274	ug/l	95
71) Bromoform	12.853	173	1500	0.634	ug/l #	29
76) 1,2,3-Trichloropropane	12.853	75	91924	25.077	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	91924	90.265	ug/l #	12
95) Naphthalene	15.647	128	1914	2.362	ug/l #	69

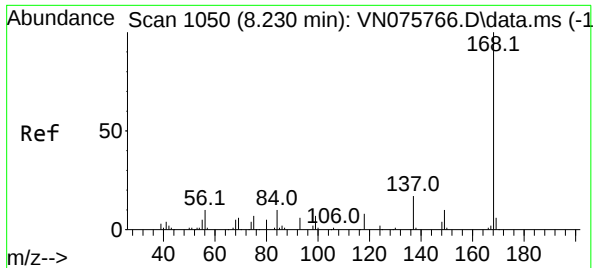
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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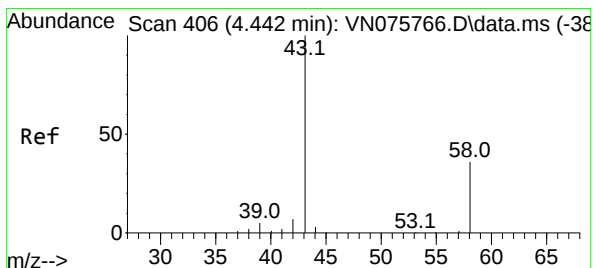
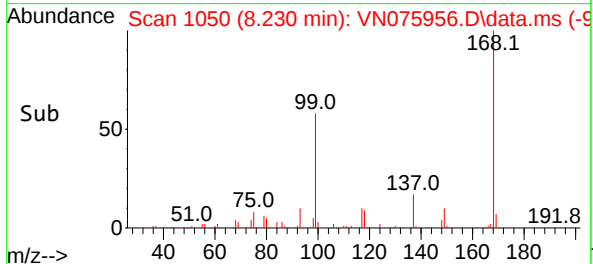
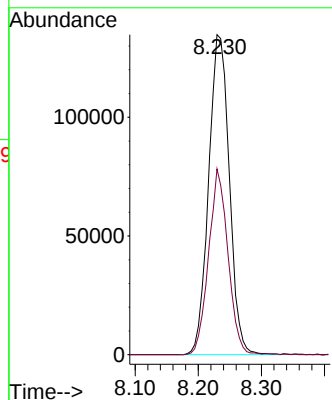
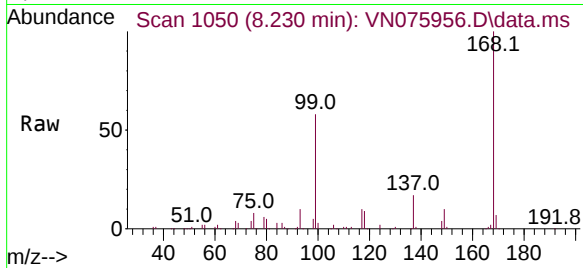




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075956.D
Acq: 23 Dec 2022 11:06

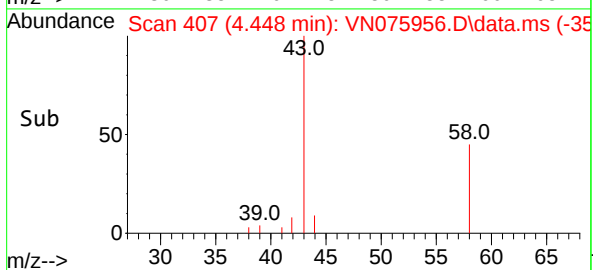
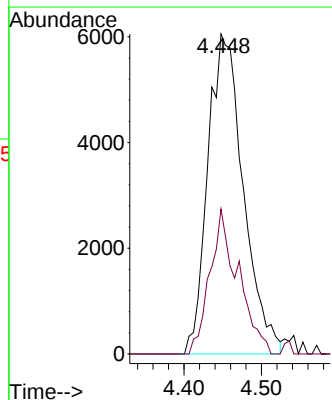
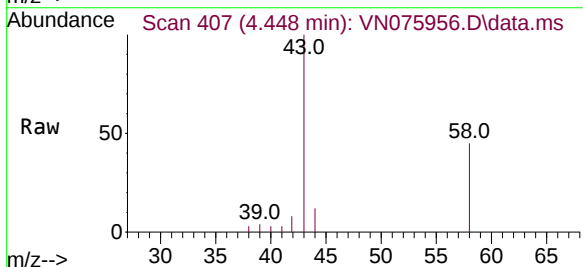
Instrument :
MSVOA_N
ClientSampleId :
EB-01-122222

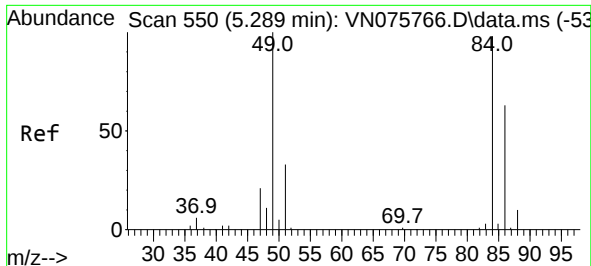
Tgt Ion:168 Resp: 306344
Ion Ratio Lower Upper
168 100
99 58.1 44.2 66.4



#16
Acetone
Concen: 16.747 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075956.D
Acq: 23 Dec 2022 11:06

Tgt Ion: 43 Resp: 19240
Ion Ratio Lower Upper
43 100
58 45.3 28.6 43.0#

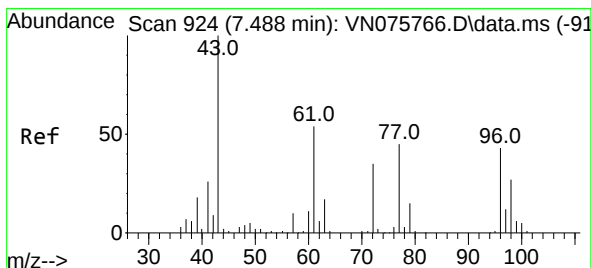
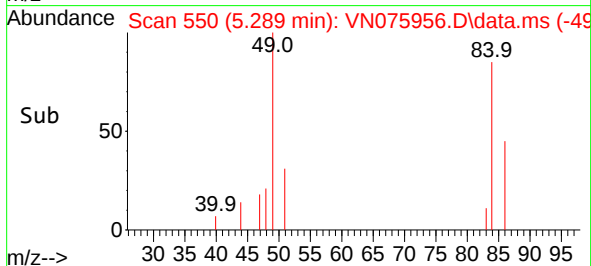
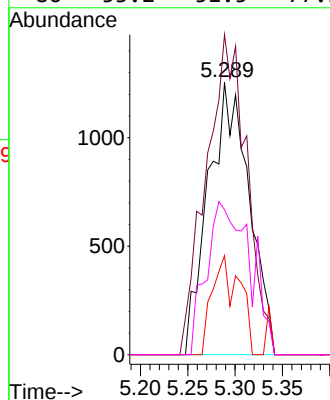
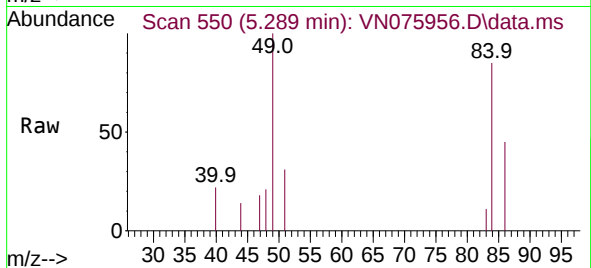




#20
Methylene Chloride
Concen: 0.593 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN075956.D
Acq: 23 Dec 2022 11:06

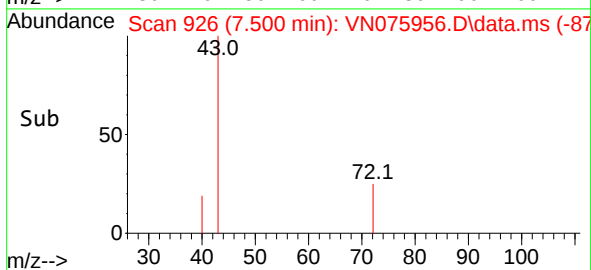
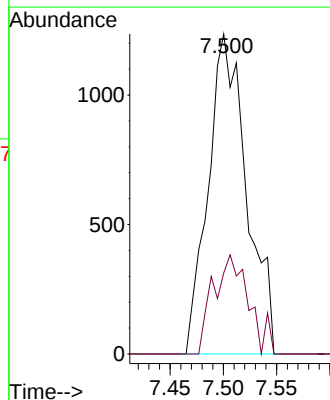
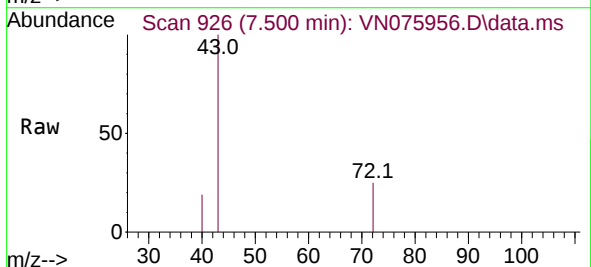
Instrument :
MSVOA_N
ClientSampleId :
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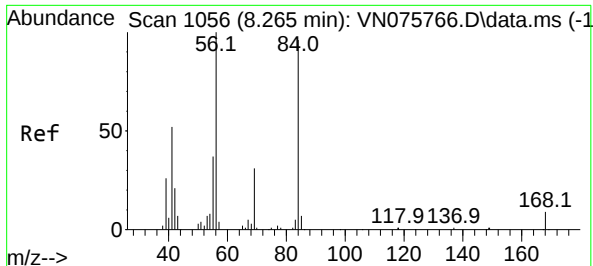
Tgt Ion:	84	Resp:	3767
Ion	Ratio	Lower	Upper
84	100		
49	117.4	81.8	122.6
51	36.4	26.7	40.1
86	53.2	51.5	77.3



#25
2-Butanone
Concen: 1.924 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN075956.D
Acq: 23 Dec 2022 11:06

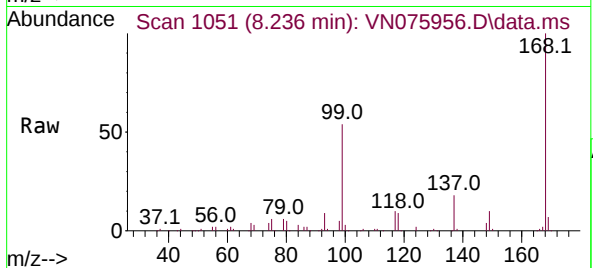
Tgt Ion:	43	Resp:	3095
Ion	Ratio	Lower	Upper
43	100		
72	25.3	28.0	42.0#



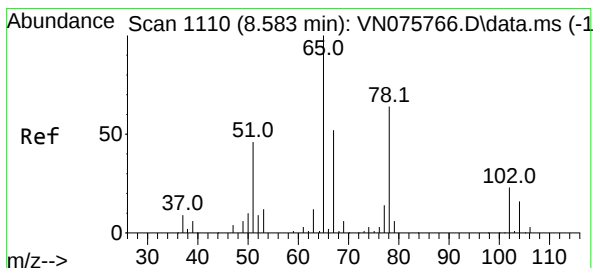
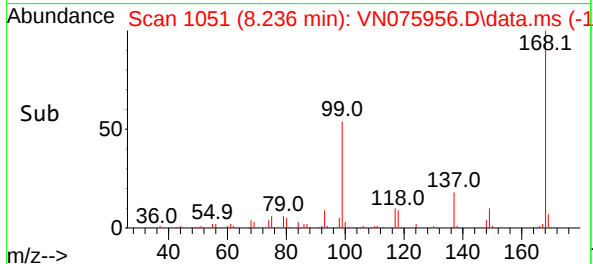
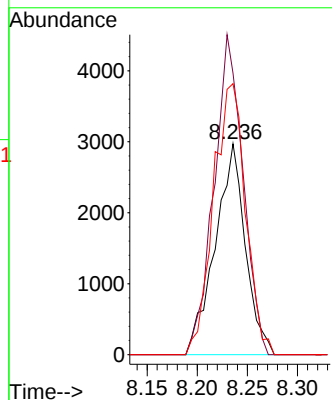


#31
Cyclohexane
Concen: 1.305 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN075956.D
Acq: 23 Dec 2022 11:06

Instrument :
MSVOA_N
ClientSampleId :
EB-01-122222

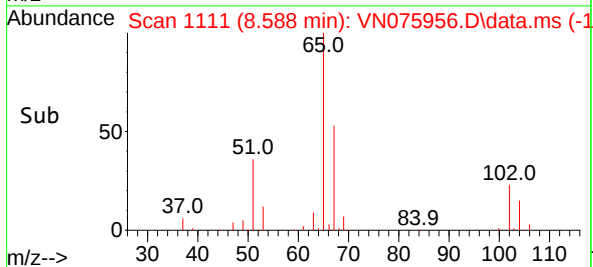
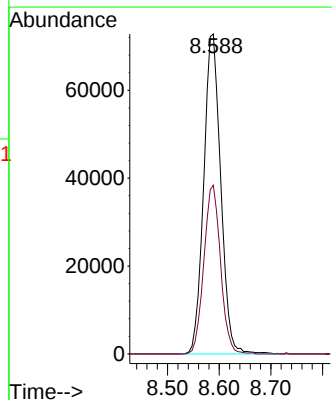
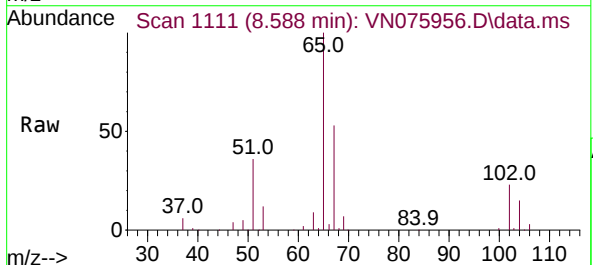


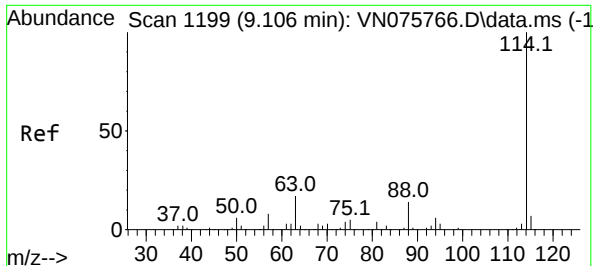
Tgt Ion: 56 Resp: 6228
Ion Ratio Lower Upper
56 100
69 133.5 24.7 37.1#
84 128.5 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 49.996 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075956.D
Acq: 23 Dec 2022 11:06

Tgt Ion: 65 Resp: 166624
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075956.D

Acq: 23 Dec 2022 11:06

Instrument :

MSVOA_N

ClientSampleId :

EB-01-122222

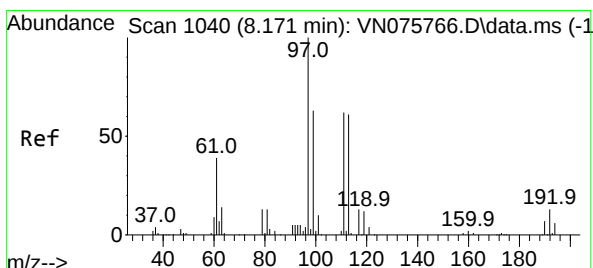
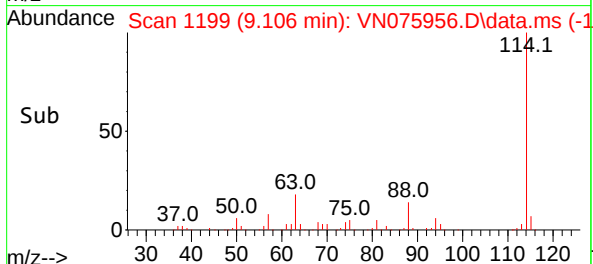
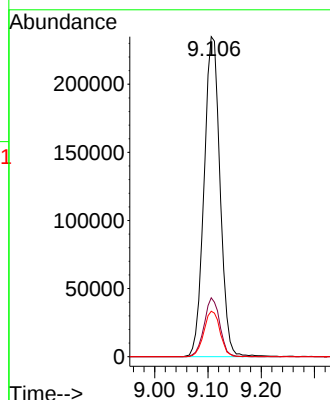
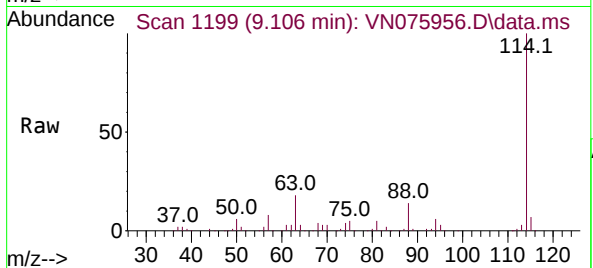
Tgt Ion:114 Resp: 490226

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.4

88 14.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.205 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075956.D

Acq: 23 Dec 2022 11:06

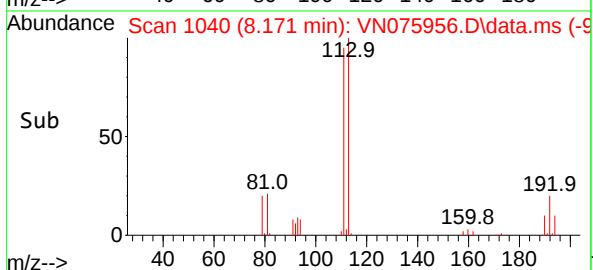
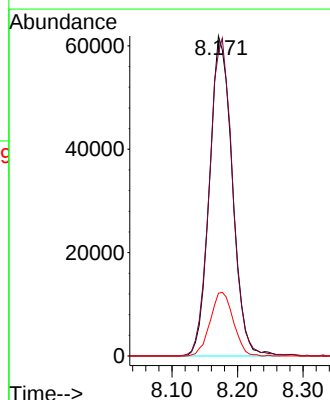
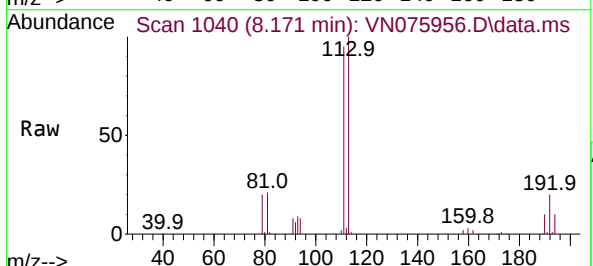
Tgt Ion:113 Resp: 149381

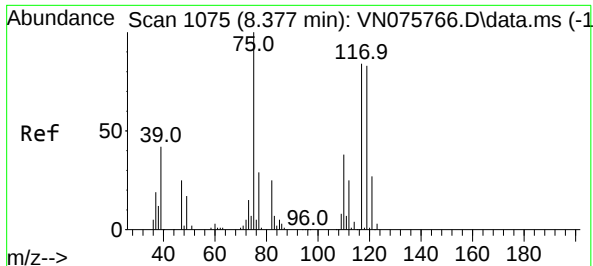
Ion Ratio Lower Upper

113 100

111 100.8 83.4 125.2

192 20.2 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.344 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075956.D

Acq: 23 Dec 2022 11:06

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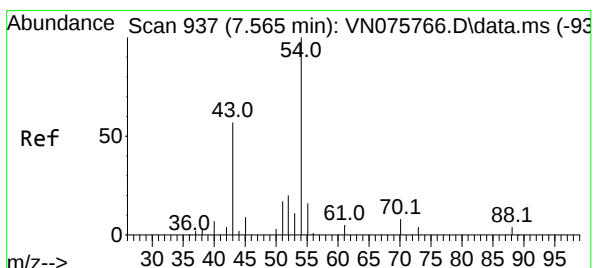
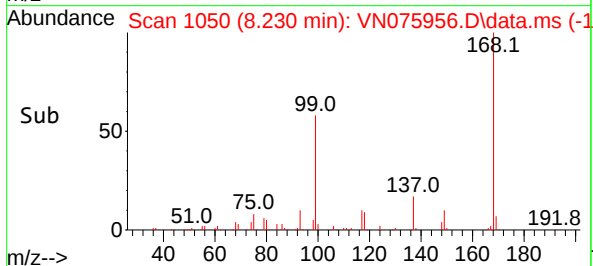
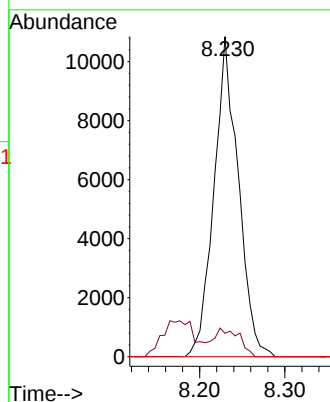
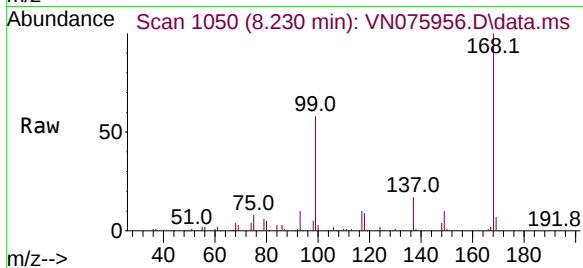
Tgt Ion: 75 Resp: 21551

Ion Ratio Lower Upper

75 100

110 9.4 18.8 56.4#

77 0.0 24.1 36.1#



#37

Ethyl Acetate

Concen: 0.955 ug/l

RT: 7.500 min Scan# 926

Delta R.T. -0.065 min

Lab File: VN075956.D

Acq: 23 Dec 2022 11:06

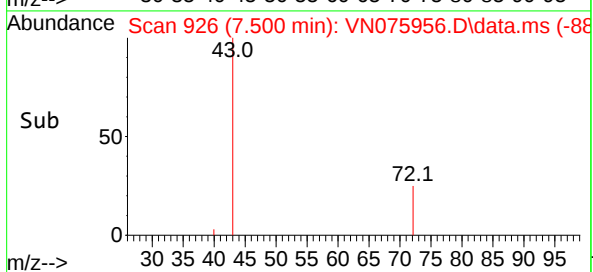
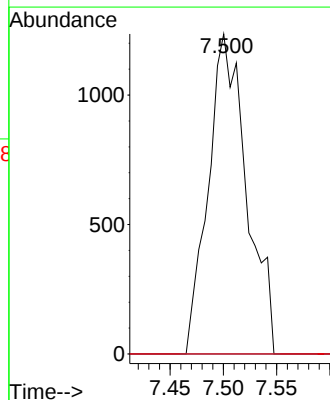
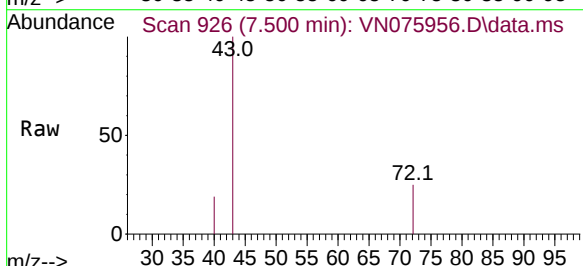
Tgt Ion: 43 Resp: 3095

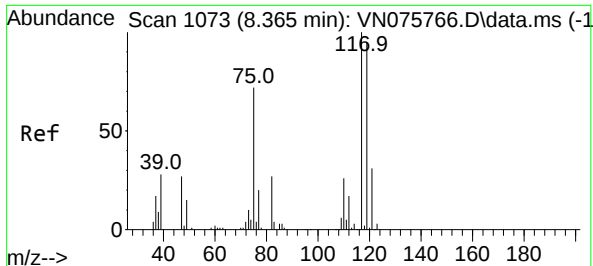
Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.4#

70 0.0 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 6.716 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075956.D

Acq: 23 Dec 2022 11:06

Instrument :

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EB-01-122222

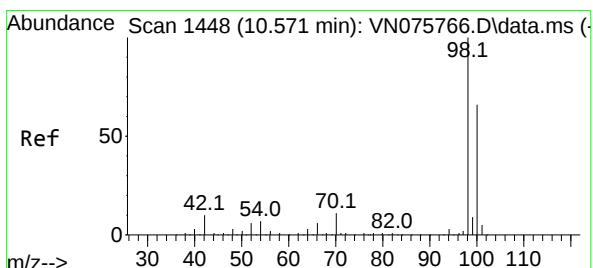
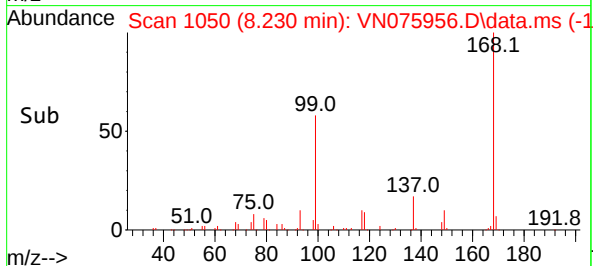
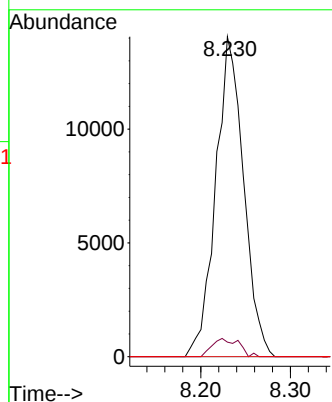
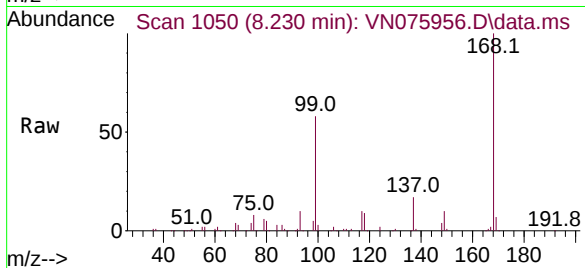
Tgt Ion:117 Resp: 30313

Ion Ratio Lower Upper

117 100

119 4.6 76.1 114.1#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 49.899 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075956.D

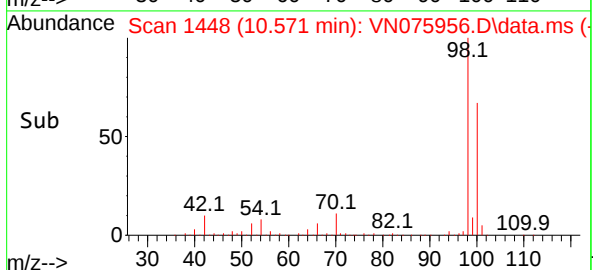
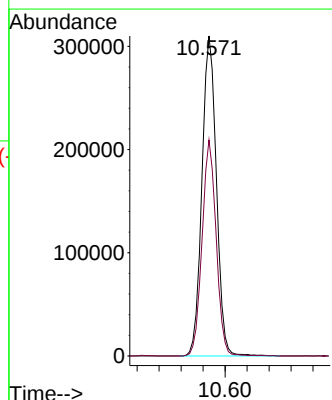
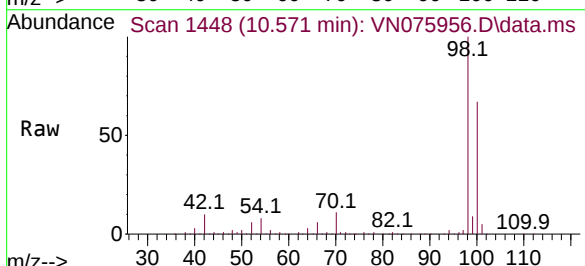
Acq: 23 Dec 2022 11:06

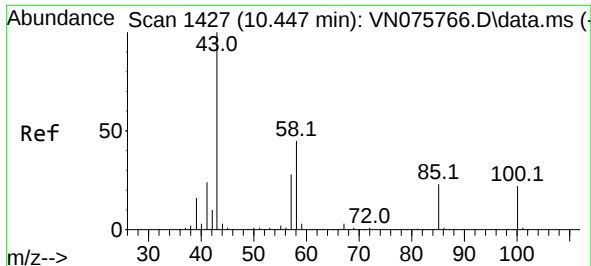
Tgt Ion: 98 Resp: 566401

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 1.274 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN075956.D

Acq: 23 Dec 2022 11:06

Instrument :

MSVOA_N

ClientSampleId :

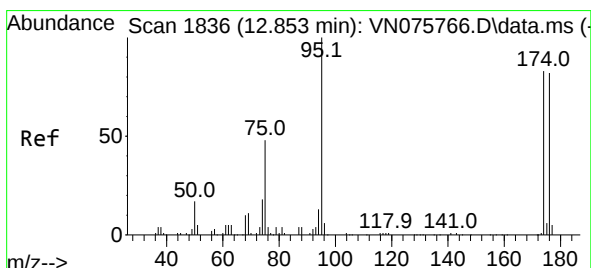
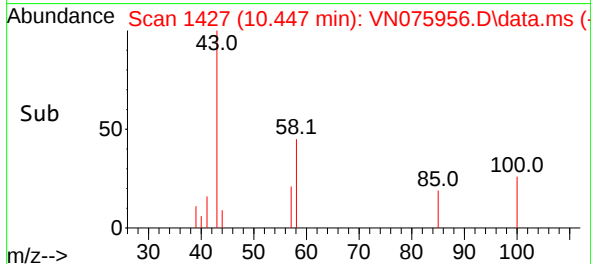
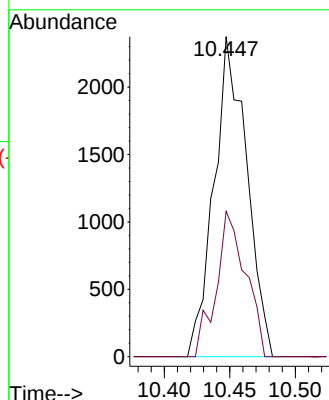
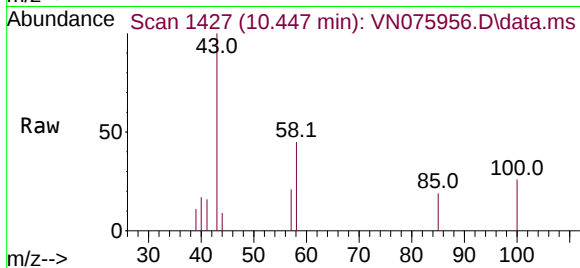
EB-01-122222

Tgt Ion: 43 Resp: 4116

Ion Ratio Lower Upper

43 100

58 40.8 35.5 53.3



#62

4-Bromofluorobenzene

Concen: 47.544 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN075956.D

Acq: 23 Dec 2022 11:06

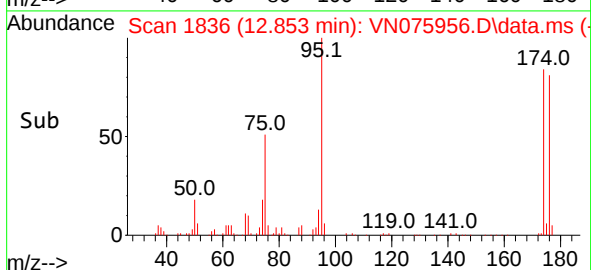
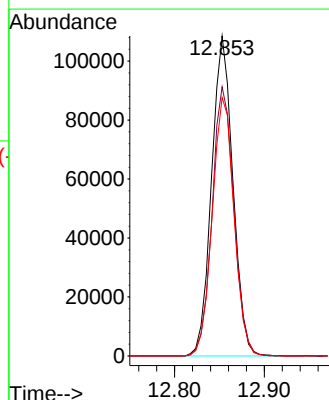
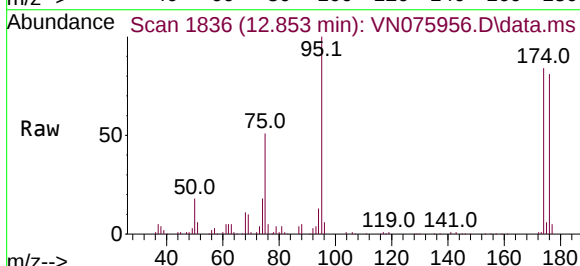
Tgt Ion: 95 Resp: 178743

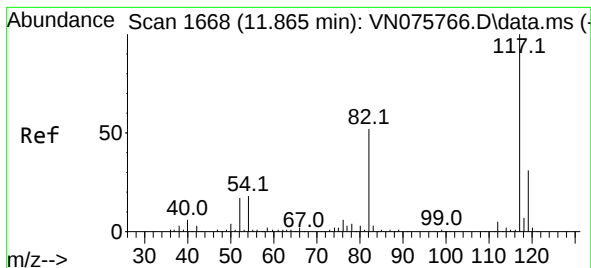
Ion Ratio Lower Upper

95 100

174 86.0 0.0 171.6

176 82.4 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075956.D

Acq: 23 Dec 2022 11:06

Instrument :

MSVOA_N

ClientSampleId :

EB-01-122222

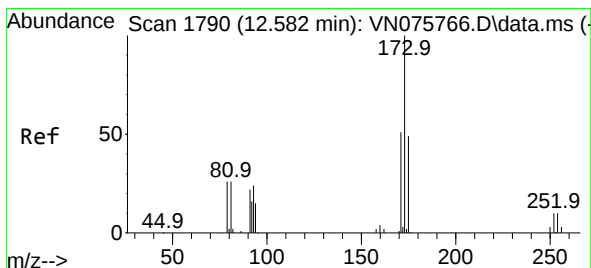
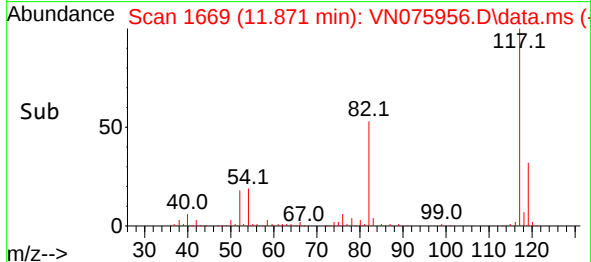
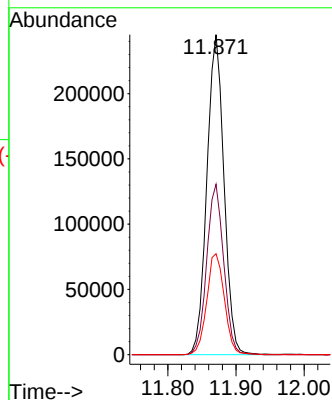
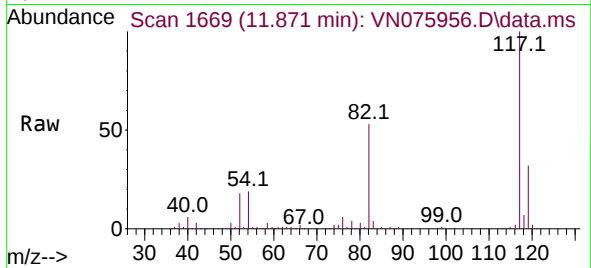
Tgt Ion:117 Resp: 427598

Ion Ratio Lower Upper

117 100

82 53.2 41.3 61.9

119 31.6 24.6 37.0



#71

Bromoform

Concen: 0.634 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN075956.D

Acq: 23 Dec 2022 11:06

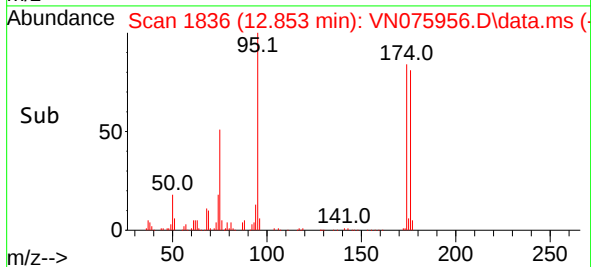
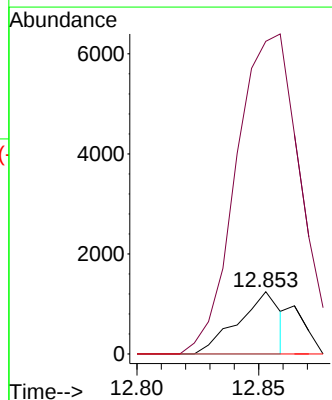
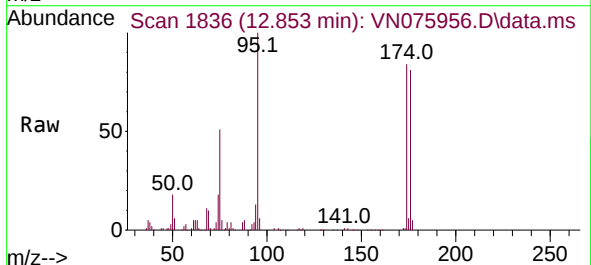
Tgt Ion:173 Resp: 1500

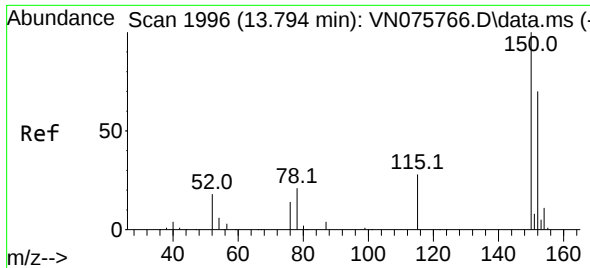
Ion Ratio Lower Upper

173 100

175 0.0 24.3 72.8#

254 0.0 0.0 0.0

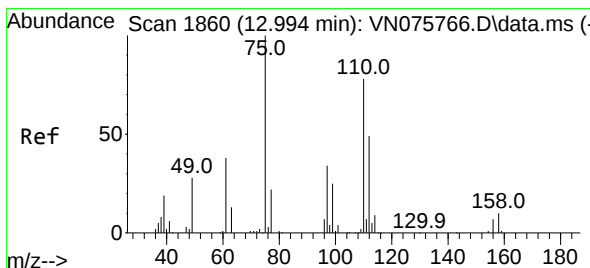
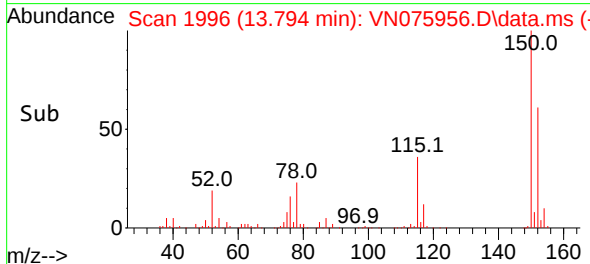
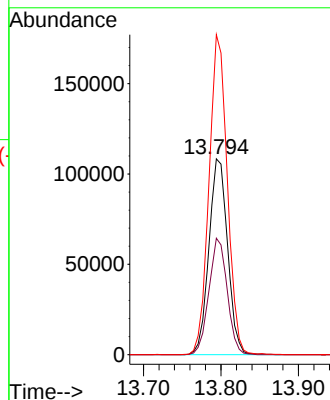
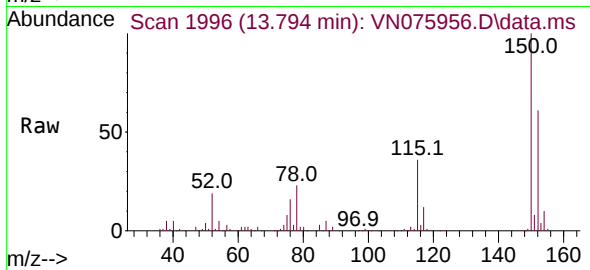




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075956.D
 Acq: 23 Dec 2022 11:06

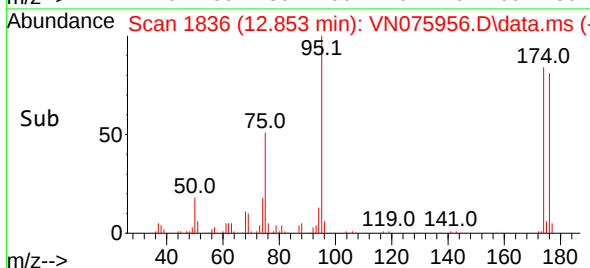
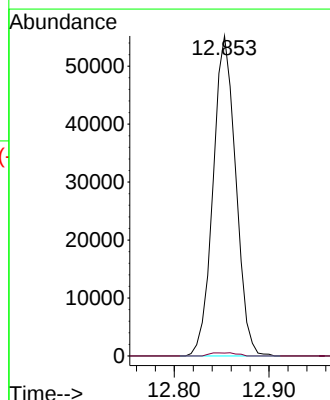
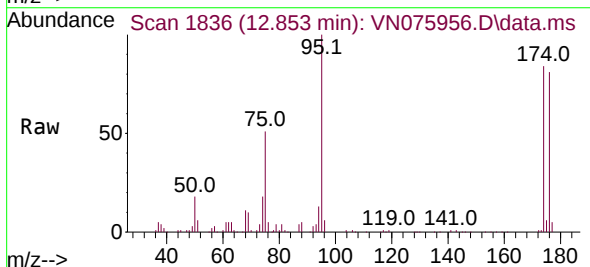
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-122222

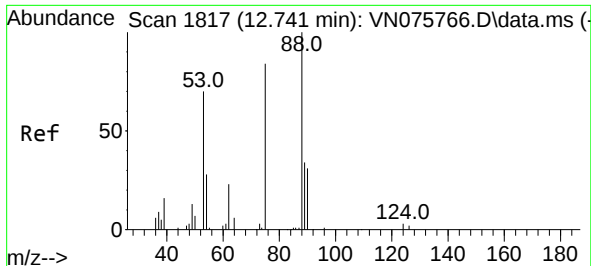
Tgt Ion:152 Resp: 181851
 Ion Ratio Lower Upper
 152 100
 115 58.0 29.1 87.4
 150 159.5 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.077 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075956.D
 Acq: 23 Dec 2022 11:06

Tgt Ion: 75 Resp: 91924
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#

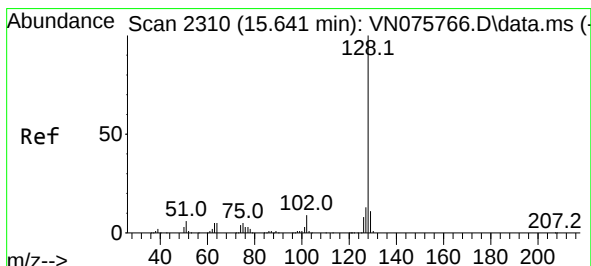
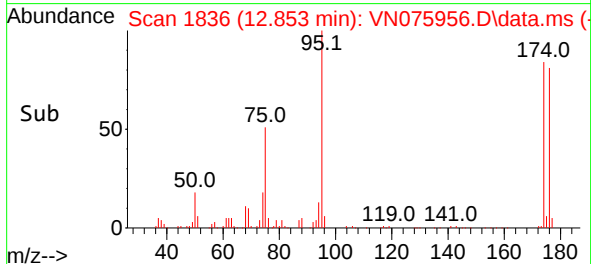
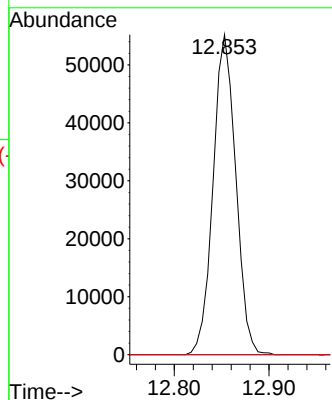
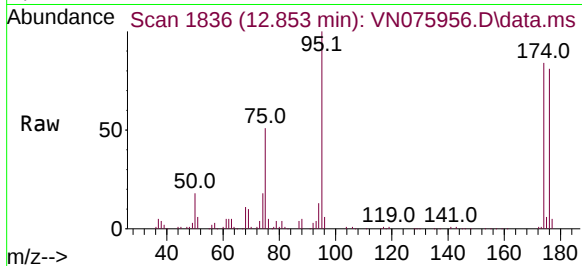




#81
trans-1,4-Dichloro-2-butene
Concen: 90.265 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075956.D
Acq: 23 Dec 2022 11:06

Instrument :
MSVOA_N
ClientSampleId :
EB-01-122222

Tgt Ion: 75 Resp: 91924
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.362 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075956.D
Acq: 23 Dec 2022 11:06

Tgt Ion: 128 Resp: 1914
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

