

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075088.D
 Acq On : 31 Oct 2022 15:47
 Operator : JC\MD
 Sample : N5378-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20221028

Quant Time: Nov 01 06:18:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

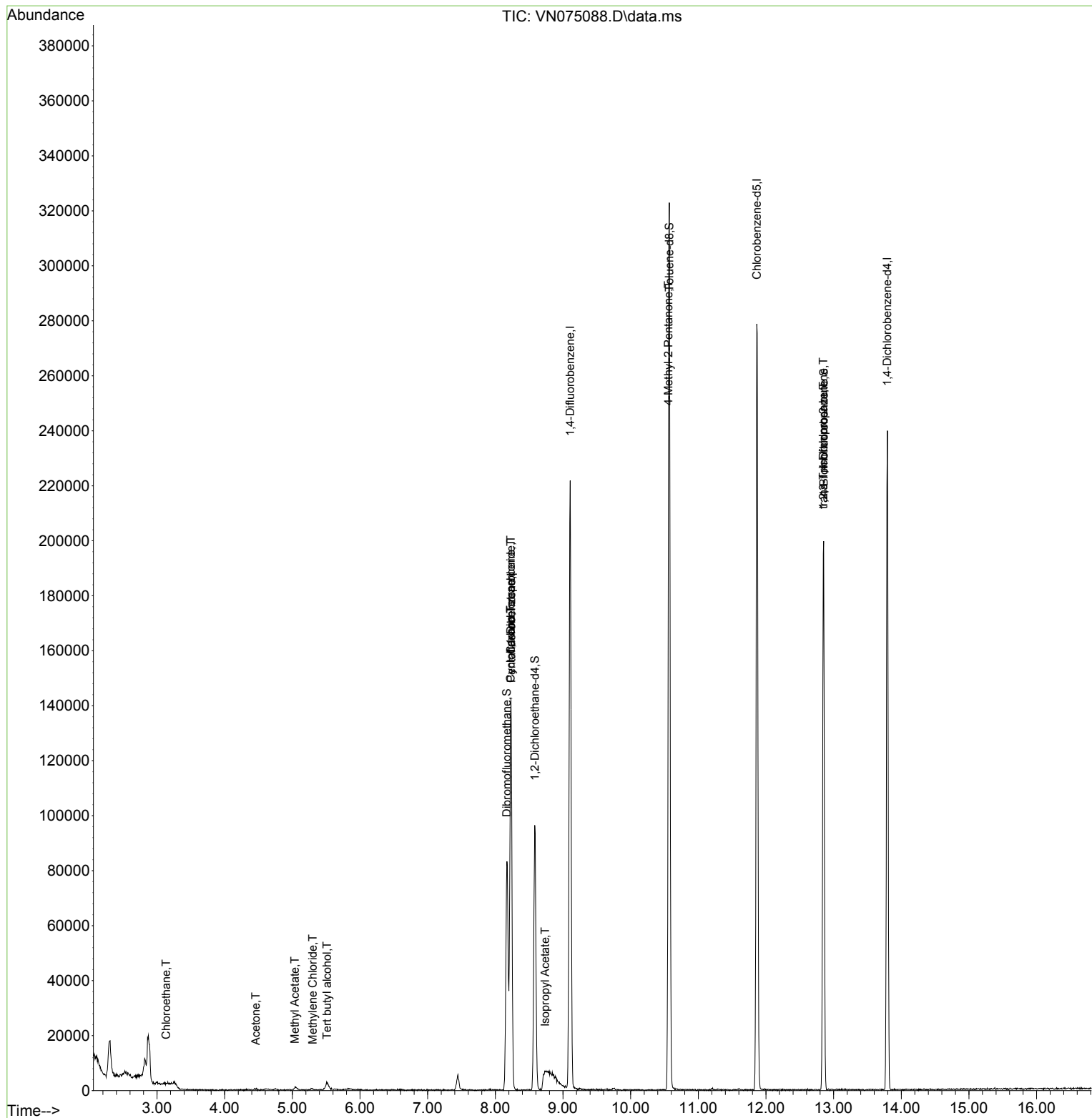
Internal Standards						
1) Pentafluorobenzene	8.236	168	98759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	189068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	159469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	62525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	78101	58.693	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.380%	
35) Dibromofluoromethane	8.171	113	59333	53.457	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.920%	
50) Toluene-d8	10.571	98	226059	52.496	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.000%	
62) 4-Bromofluorobenzene	12.853	95	68561	45.324	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.640%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.930	94	102	Below Cal	#	5
6) Chloroethane	3.136	64	353	0.253	ug/l #	45
11) Tert butyl alcohol	5.512	59	2622	8.449	ug/l #	72
16) Acetone	4.459	43	589	1.045	ug/l #	43
18) Methyl Acetate	5.036	43	984	0.535	ug/l #	84
20) Methylene Chloride	5.300	84	536	0.427	ug/l #	39
31) Cyclohexane	8.224	56	2710	1.369	ug/l #	53
36) 1,1-Dichloropropene	8.230	75	9302	5.413	ug/l #	49
38) Carbon Tetrachloride	8.230	117	10971	5.804	ug/l #	15
43) Isopropyl Acetate	8.735	43	7036	2.407	ug/l #	53
51) 4-Methyl-2-Pentanone	10.559	43	1201	0.637	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	37670	28.375	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	37670	72.839	ug/l #	10

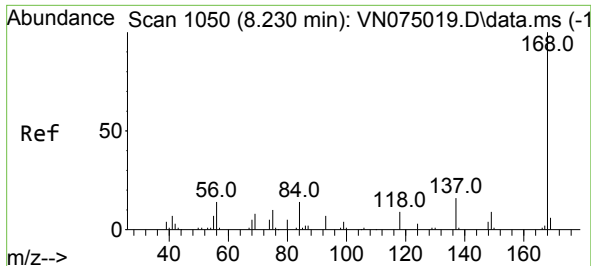
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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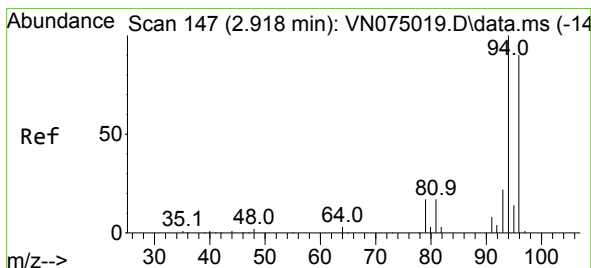
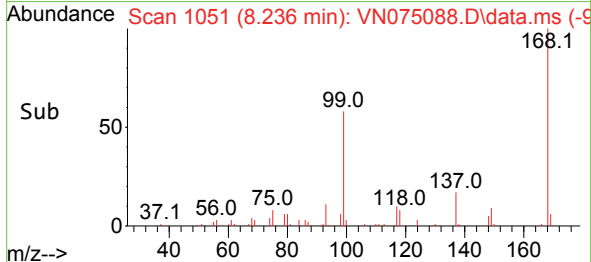
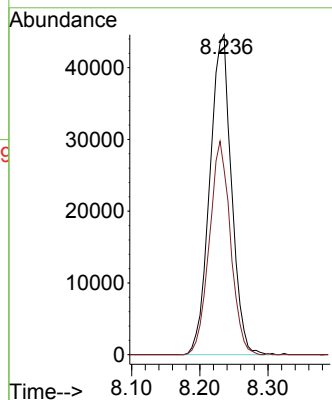
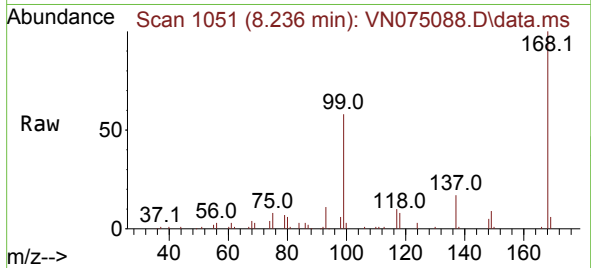




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN075088.D
Acq: 31 Oct 2022 15:47

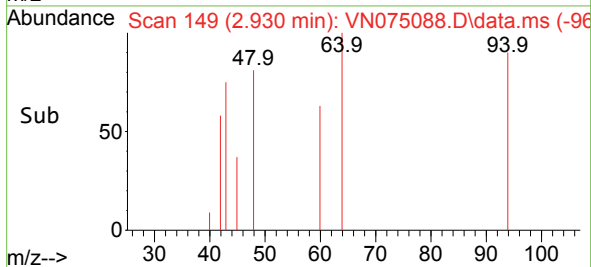
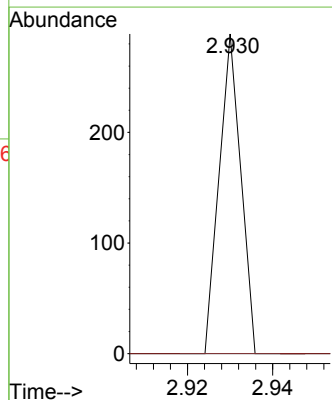
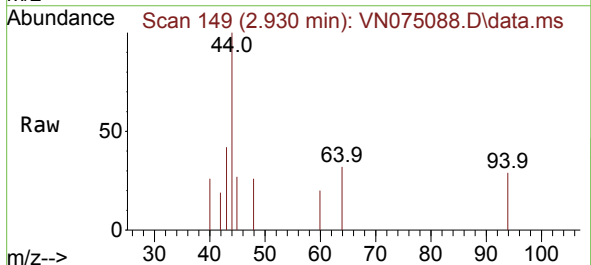
Instrument :
MSVOA_N
ClientSampleId :
EB-20221028

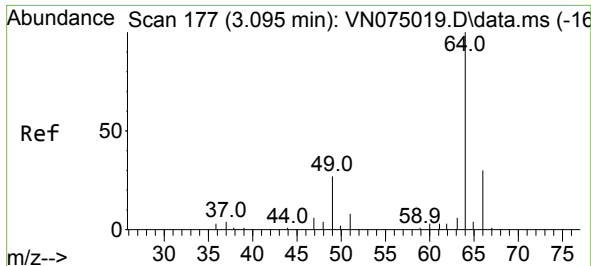
Tgt Ion:168 Resp: 98759
Ion Ratio Lower Upper
168 100
99 58.0 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.930 min Scan# 149
Delta R.T. 0.012 min
Lab File: VN075088.D
Acq: 31 Oct 2022 15:47

Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

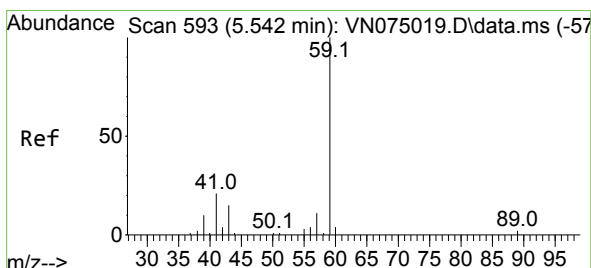
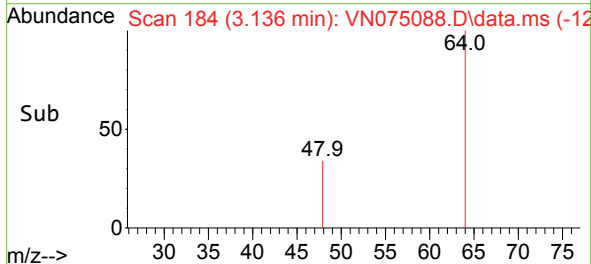
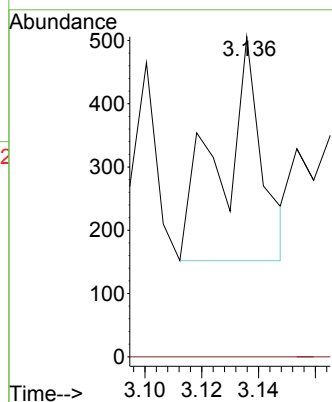
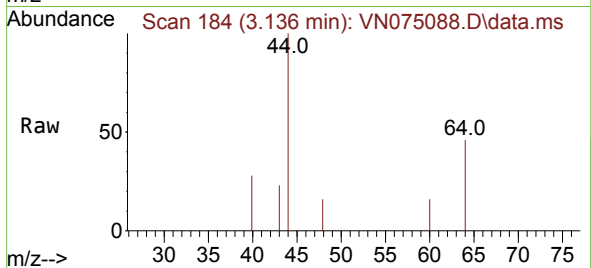




#6
Chloroethane
Concen: 0.253 ug/l
RT: 3.136 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN075088.D
Acq: 31 Oct 2022 15:47

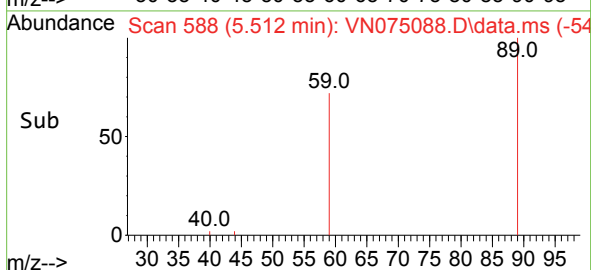
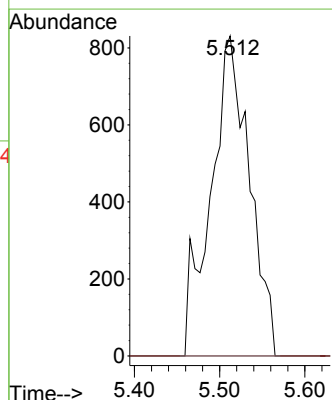
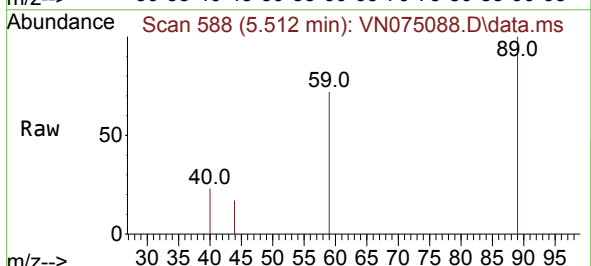
Instrument :
MSVOA_N
ClientSampleId :
EB-20221028

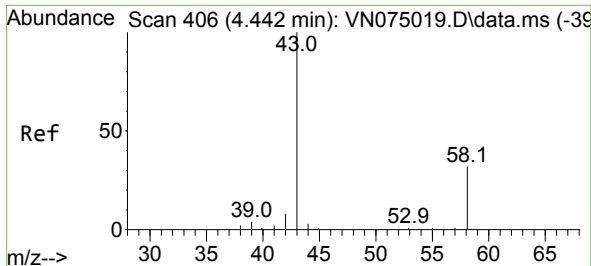
Tgt Ion: 64 Resp: 353
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 8.449 ug/l
RT: 5.512 min Scan# 588
Delta R.T. -0.030 min
Lab File: VN075088.D
Acq: 31 Oct 2022 15:47

Tgt Ion: 59 Resp: 2622
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

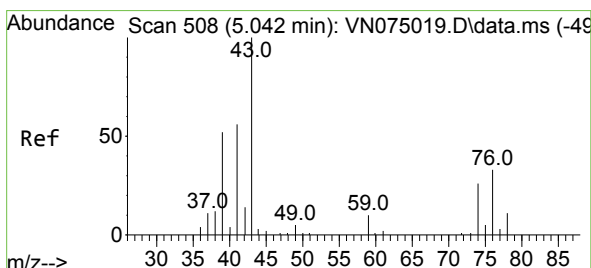
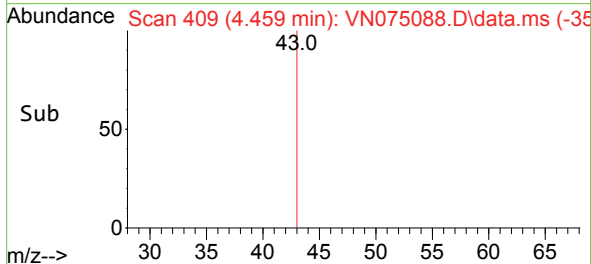
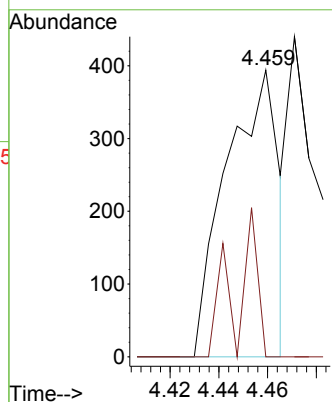
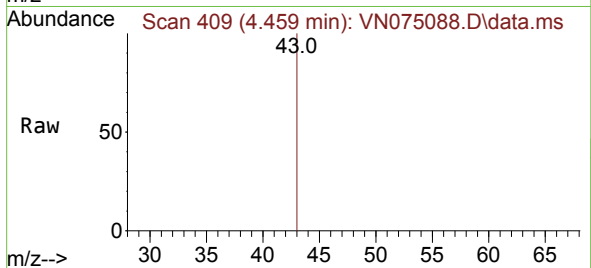




#16
Acetone
Concen: 1.045 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN075088.D
Acq: 31 Oct 2022 15:47

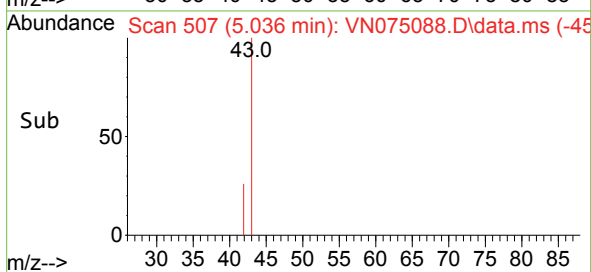
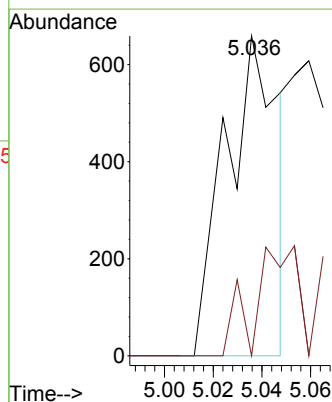
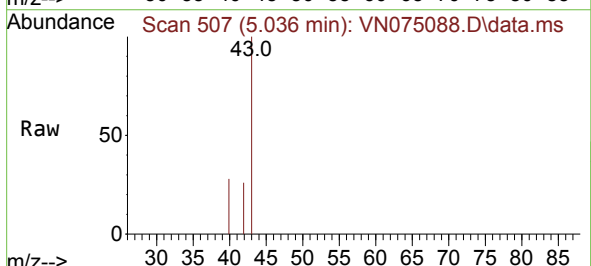
Instrument :
MSVOA_N
ClientSampleId :
EB-20221028

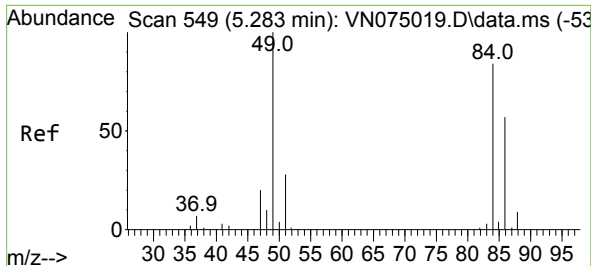
Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#18
Methyl Acetate
Concen: 0.535 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075088.D
Acq: 31 Oct 2022 15:47

Tgt Ion: 43 Resp: 984
Ion Ratio Lower Upper
43 100
74 35.7 22.0 33.0#



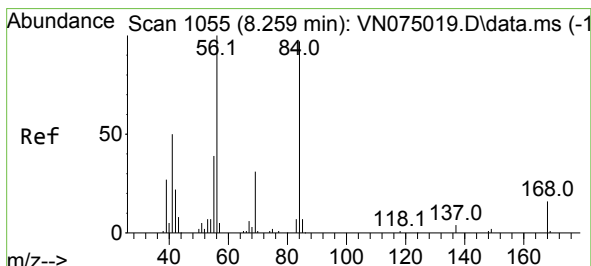
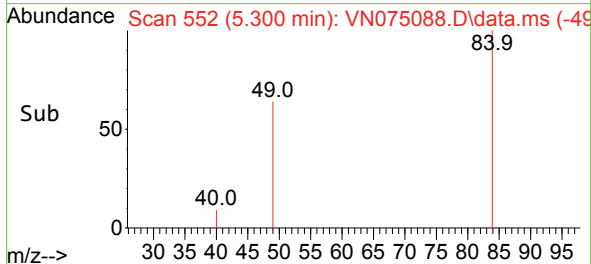
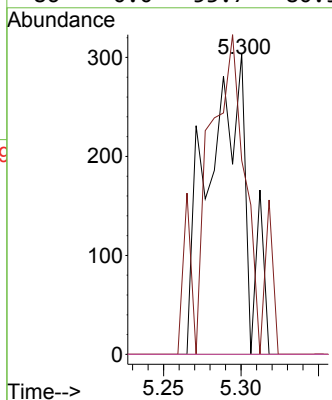
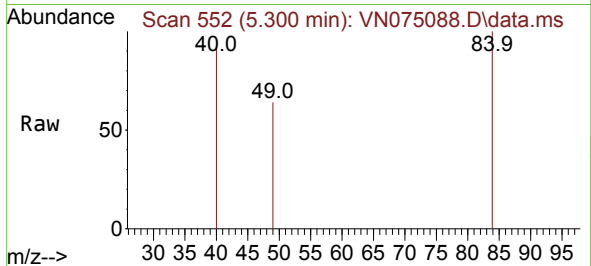


#20
Methylene Chloride
Concen: 0.427 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN075088.D
Acq: 31 Oct 2022 15:47

Instrument :
MSVOA_N
ClientSampleId :
EB-20221028

Tgt Ion: 84 Resp: 536

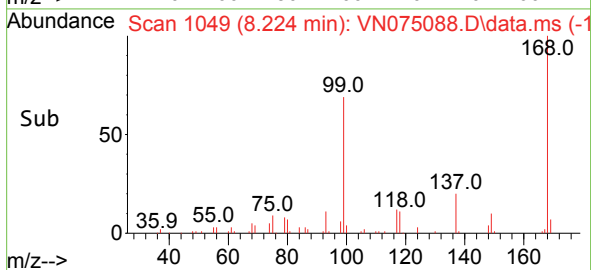
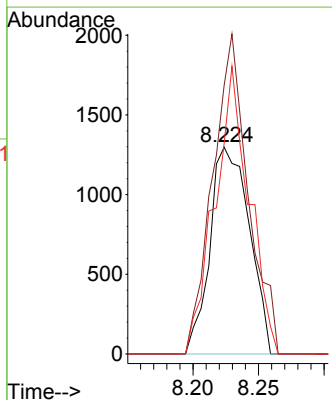
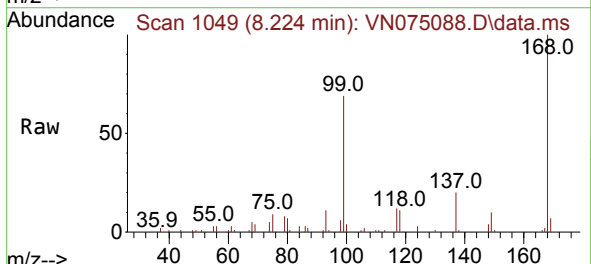
Ion	Ratio	Lower	Upper
84	100		
49	64.5	94.9	142.3#
51	0.0	26.8	40.2#
86	0.0	53.7	80.5#

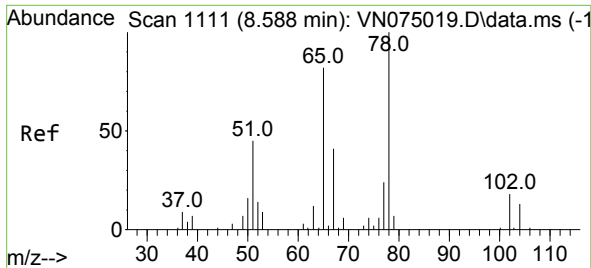


#31
Cyclohexane
Concen: 1.369 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075088.D
Acq: 31 Oct 2022 15:47

Tgt Ion: 56 Resp: 2710

Ion	Ratio	Lower	Upper
56	100		
69	129.9	25.2	37.8#
84	101.7	77.8	116.8





#33

1,2-Dichloroethane-d4

Concen: 58.693 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075088.D

Acq: 31 Oct 2022 15:47

Instrument :

MSVOA_N

ClientSampleId :

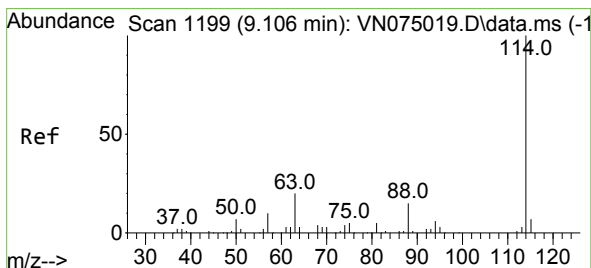
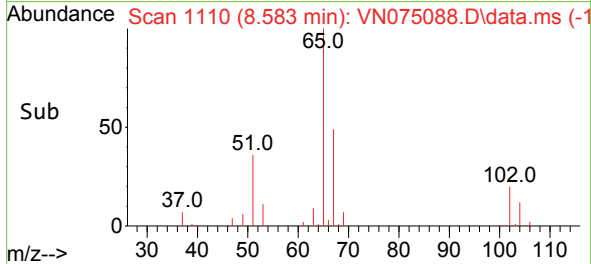
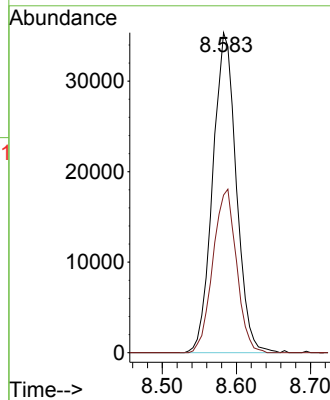
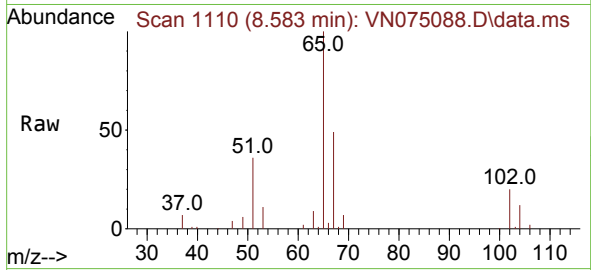
EB-20221028

Tgt Ion: 65 Resp: 78101

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075088.D

Acq: 31 Oct 2022 15:47

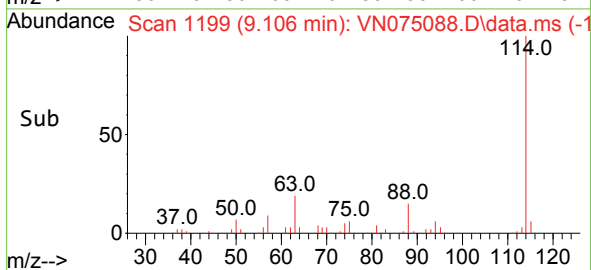
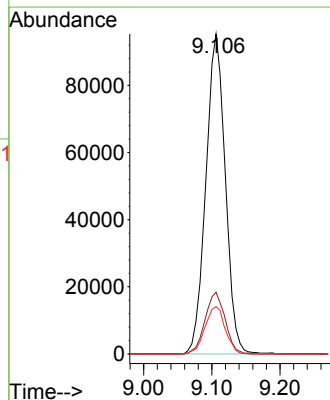
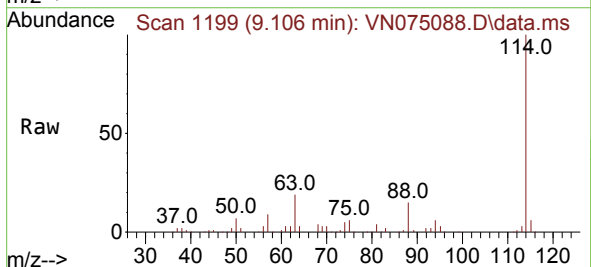
Tgt Ion: 114 Resp: 189068

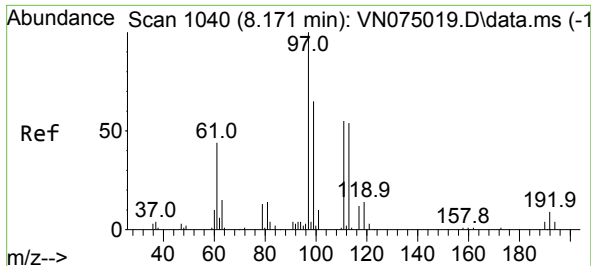
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.457 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075088.D

Acq: 31 Oct 2022 15:47

Instrument :

MSVOA_N

ClientSampleId :

EB-20221028

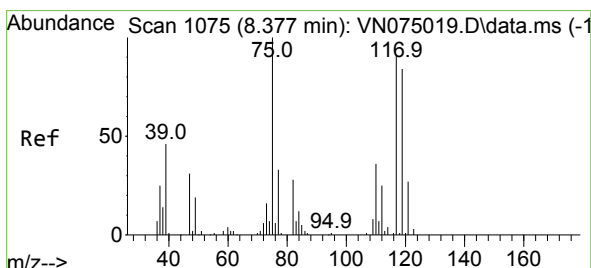
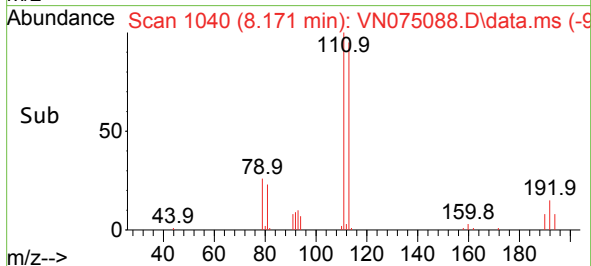
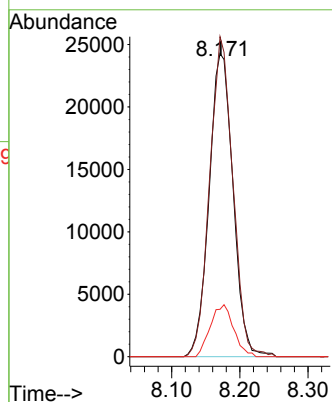
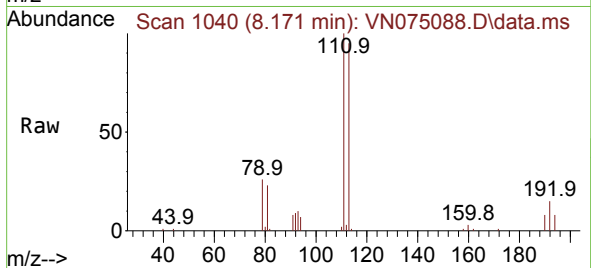
Tgt Ion:113 Resp: 59333

Ion Ratio Lower Upper

113 100

111 102.0 80.5 120.7

192 16.7 13.2 19.8



#36

1,1-Dichloropropene

Concen: 5.413 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075088.D

Acq: 31 Oct 2022 15:47

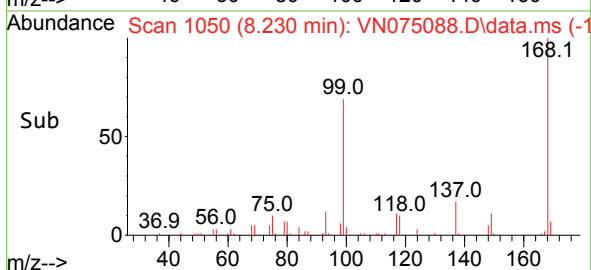
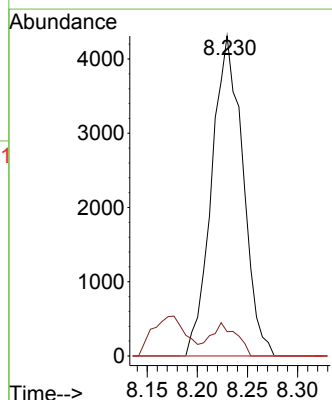
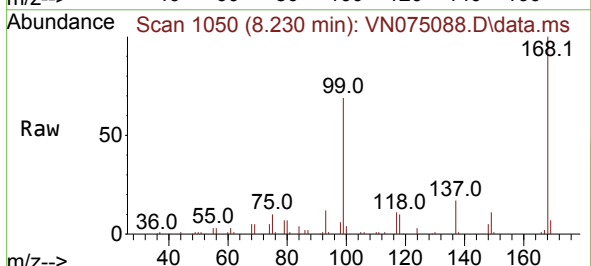
Tgt Ion: 75 Resp: 9302

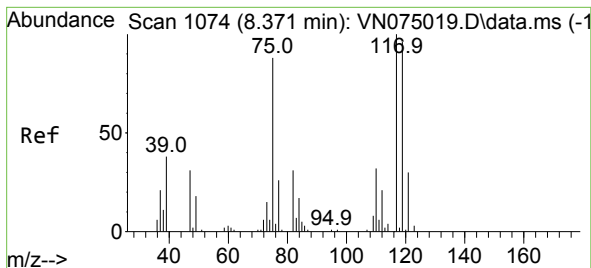
Ion Ratio Lower Upper

75 100

110 8.7 17.8 53.3#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.804 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.141 min

Lab File: VN075088.D

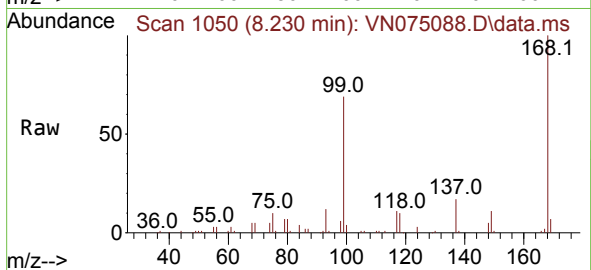
Acq: 31 Oct 2022 15:47

Instrument :

MSVOA_N

ClientSampleId :

EB-20221028



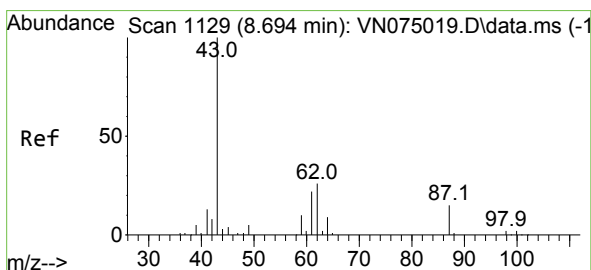
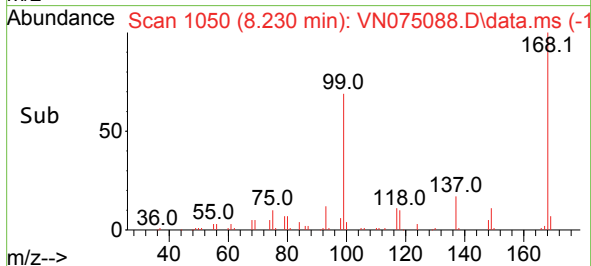
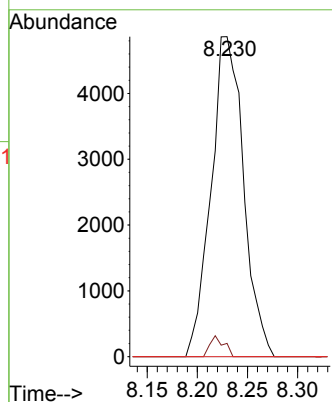
Tgt Ion:117 Resp: 10971

Ion Ratio Lower Upper

117 100

119 4.2 76.7 115.1#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 2.407 ug/l

RT: 8.735 min Scan# 1136

Delta R.T. 0.041 min

Lab File: VN075088.D

Acq: 31 Oct 2022 15:47

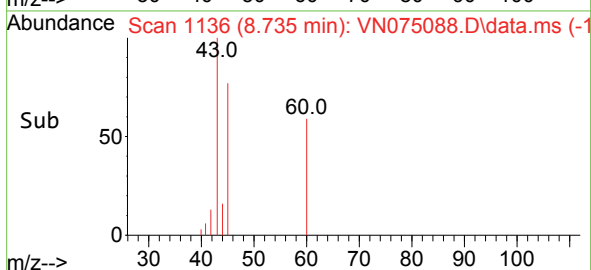
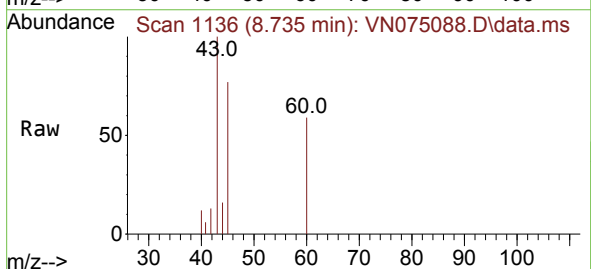
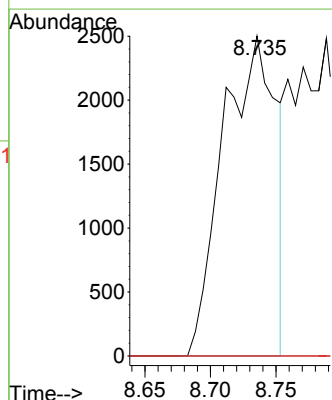
Tgt Ion: 43 Resp: 7036

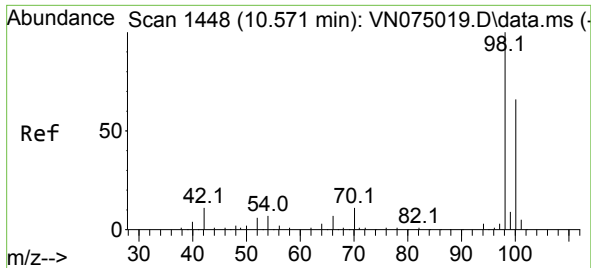
Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#

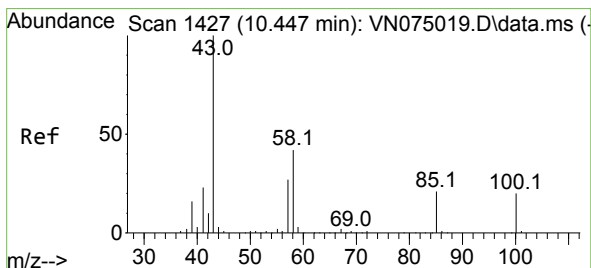
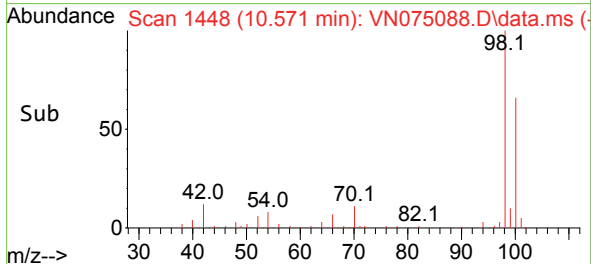
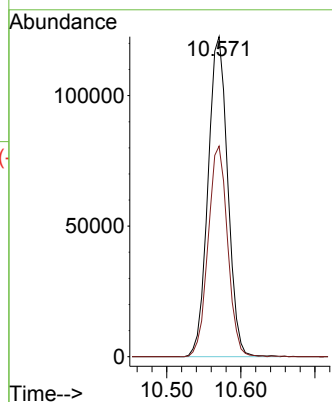
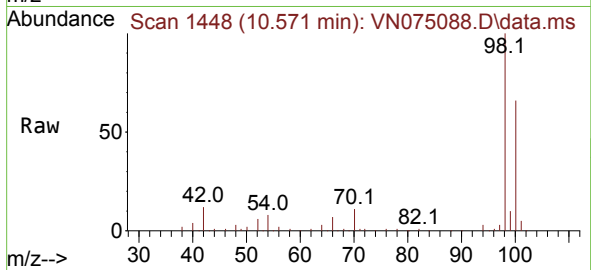




#50
Toluene-d8
Concen: 52.496 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075088.D
Acq: 31 Oct 2022 15:47

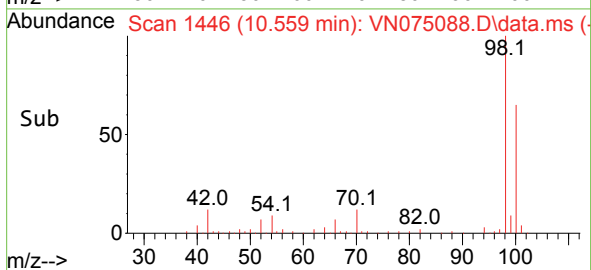
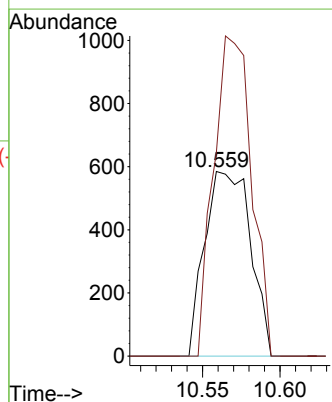
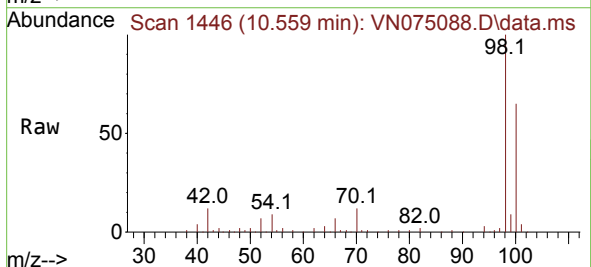
Instrument :
MSVOA_N
ClientSampleId :
EB-20221028

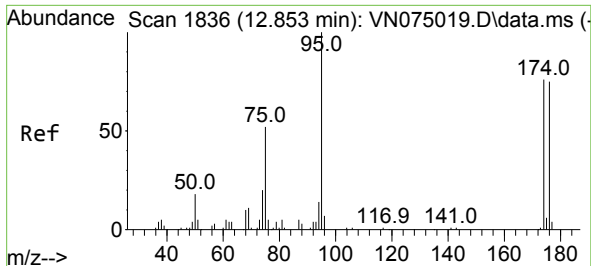
Tgt Ion: 98 Resp: 226059
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.637 ug/l
RT: 10.559 min Scan# 1446
Delta R.T. 0.112 min
Lab File: VN075088.D
Acq: 31 Oct 2022 15:47

Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
58 143.3 33.6 50.4#





#62

4-Bromofluorobenzene

Concen: 45.324 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075088.D

Acq: 31 Oct 2022 15:47

Instrument :

MSVOA_N

ClientSampleId :

EB-20221028

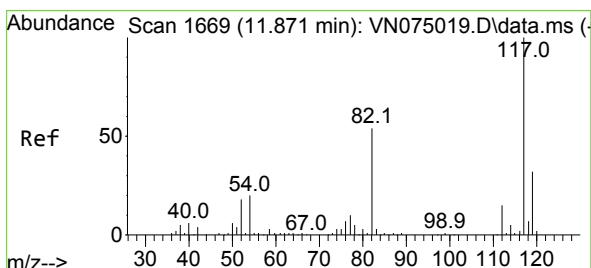
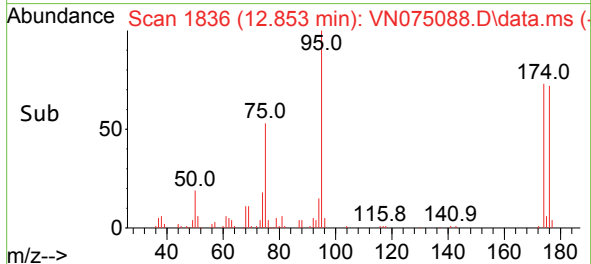
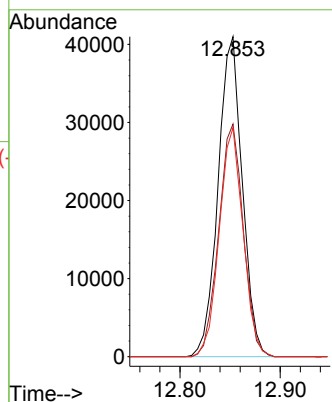
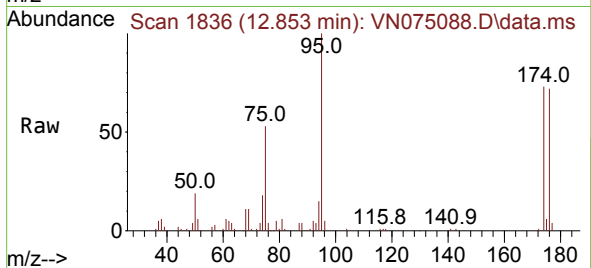
Tgt Ion: 95 Resp: 68561

Ion Ratio Lower Upper

95 100

174 73.7 0.0 147.4

176 70.2 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VN075088.D

Acq: 31 Oct 2022 15:47

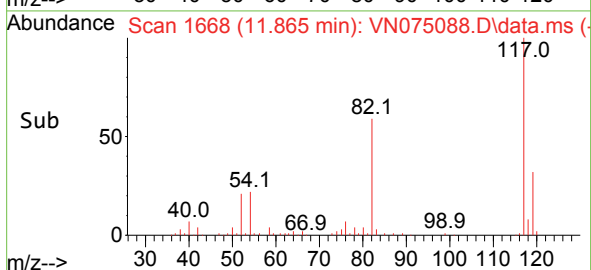
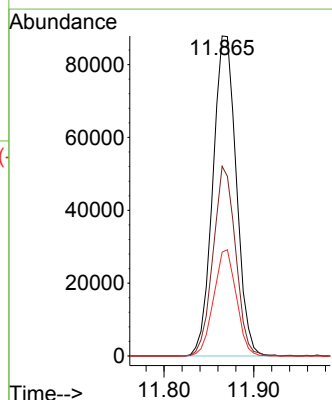
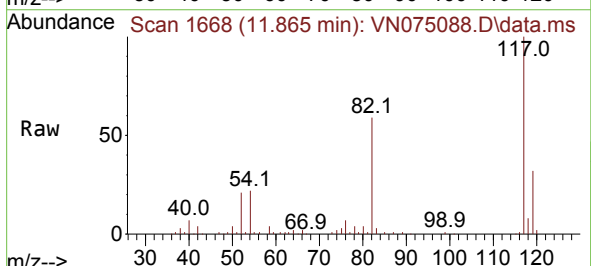
Tgt Ion: 117 Resp: 159469

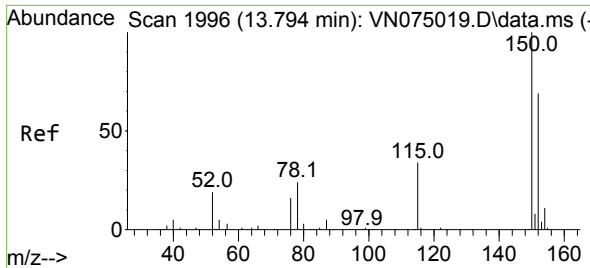
Ion Ratio Lower Upper

117 100

82 59.3 43.1 64.7

119 32.5 25.5 38.3

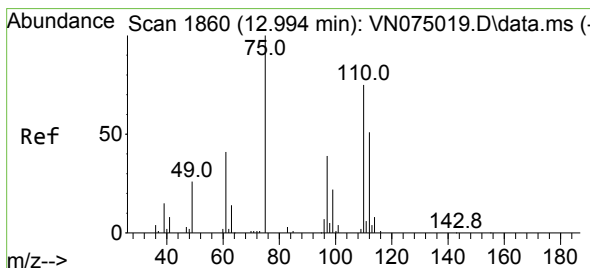
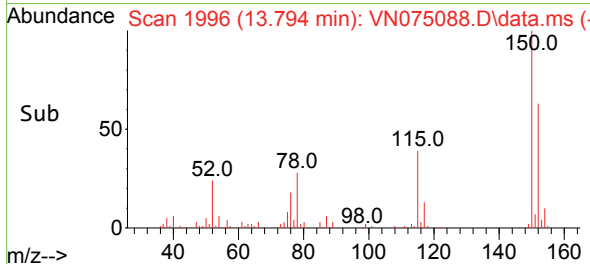
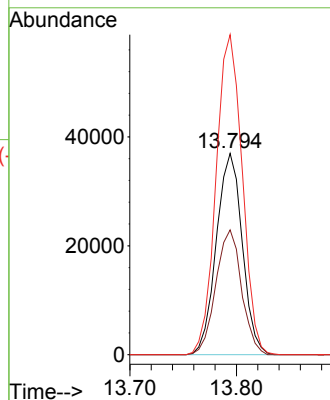
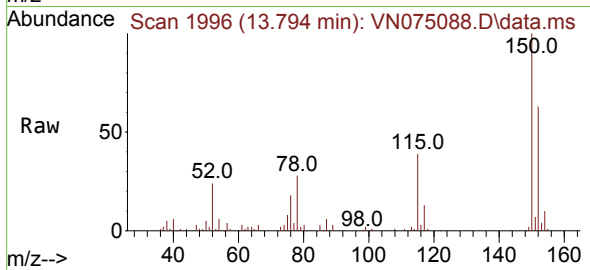




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075088.D
 Acq: 31 Oct 2022 15:47

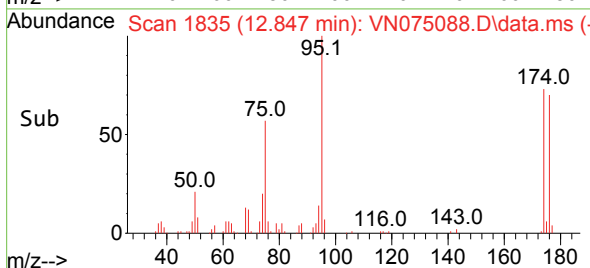
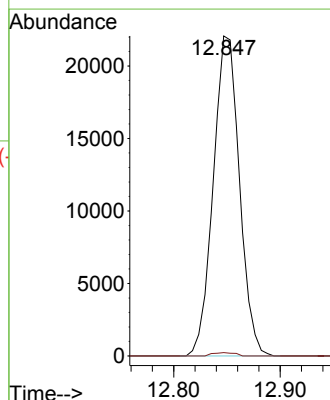
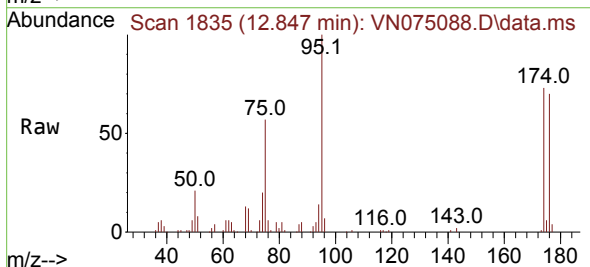
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20221028

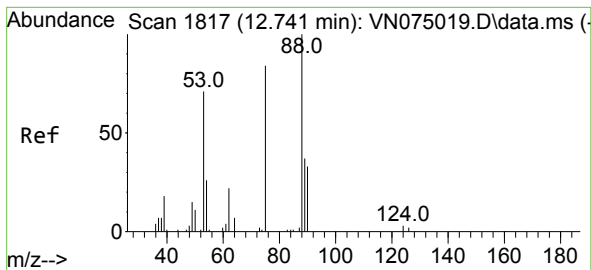
Tgt Ion:152 Resp: 62525
 Ion Ratio Lower Upper
 152 100
 115 61.5 30.2 90.6
 150 160.2 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 28.375 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. -0.147 min
 Lab File: VN075088.D
 Acq: 31 Oct 2022 15:47

Tgt Ion: 75 Resp: 37670
 Ion Ratio Lower Upper
 75 100
 77 0.9 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.839 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN075088.D
 Acq: 31 Oct 2022 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20221028

Tgt Ion: 75 Resp: 37670
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

