

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075381.D
 Acq On : 22 Nov 2022 20:30
 Operator : JC\MD
 Sample : N5749-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-83.5

Quant Time: Nov 23 07:16:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

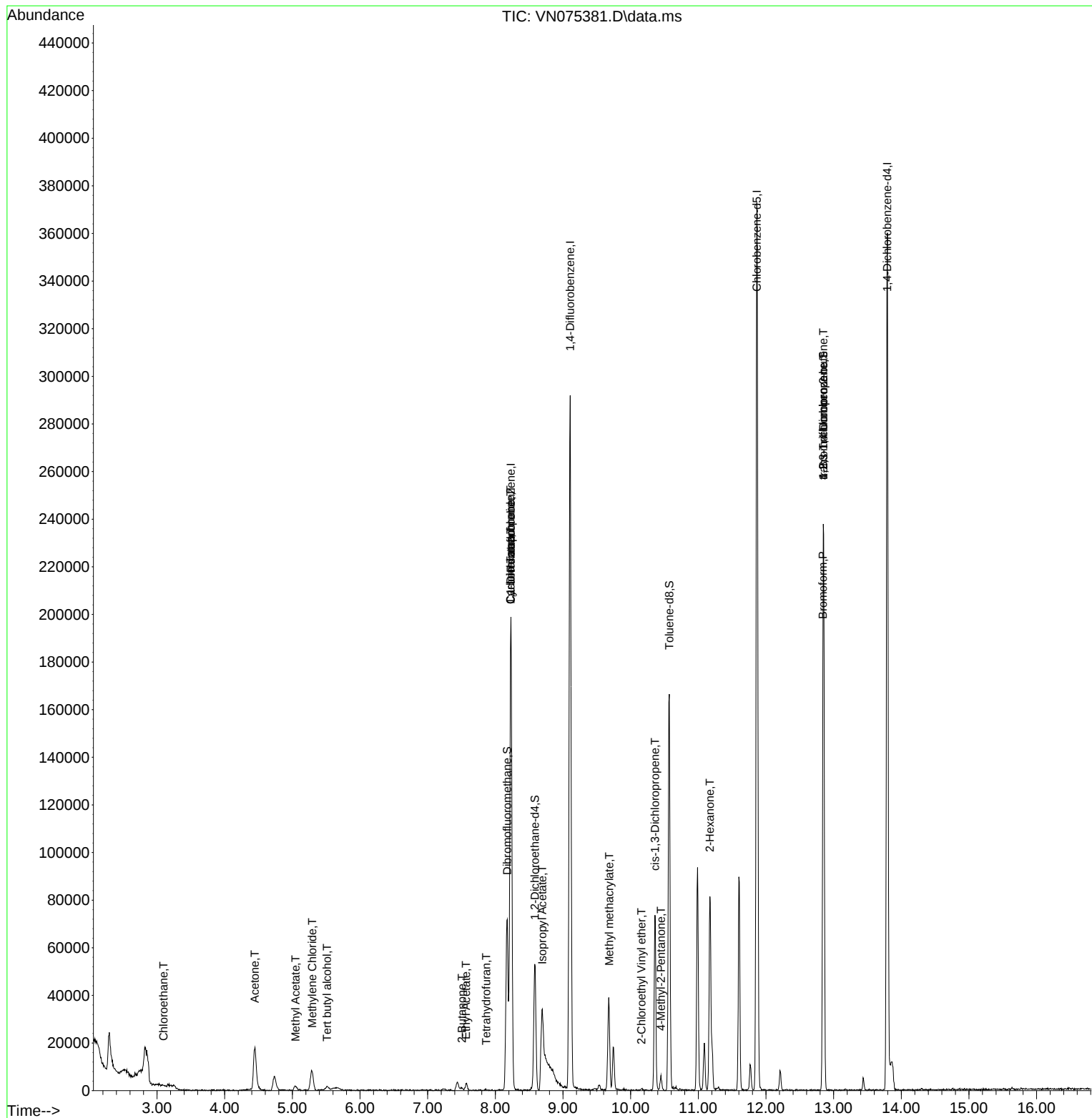
Internal Standards						
1) Pentafluorobenzene	8.230	168	150289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	265525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	43409	53.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.620%			
35) Dibromofluoromethane	8.177	113	53105	50.912	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.820%			
50) Toluene-d8	10.571	98	119863	51.021	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.040%			
62) 4-Bromofluorobenzene	12.847	95	83612	48.218	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.440%			
Target Compounds					Qvalue	
6) Chloroethane	3.095	64	687	0.503	ug/l #	45
11) Tert butyl alcohol	5.512	59	1213	3.582	ug/l #	72
16) Acetone	4.447	43	34861	46.328	ug/l	99
18) Methyl Acetate	5.047	43	3630	0.635	ug/l	98
20) Methylene Chloride	5.294	84	7138	3.488	ug/l #	79
25) 2-Butanone	7.506	43	2023	1.926	ug/l	93
29) Tetrahydrofuran	7.865	42	209	0.327	ug/l #	46
31) Cyclohexane	8.224	56	2669	1.041	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11043	4.855	ug/l #	49
37) Ethyl Acetate	7.565	43	4257	2.078	ug/l #	91
38) Carbon Tetrachloride	8.224	117	16117	6.450	ug/l #	15
43) Isopropyl Acetate	8.694	43	47282	14.382	ug/l #	70
48) Methyl methacrylate	9.682	41	1043	0.686	ug/l #	25
51) 4-Methyl-2-Pentanone	10.447	43	4277	2.043	ug/l	93
54) cis-1,3-Dichloropropene	10.359	75	15250	5.753	ug/l #	60
58) 2-Chloroethyl Vinyl ether	10.159	63	314	0.353	ug/l #	44
59) 2-Hexanone	11.171	43	65893	41.907	ug/l #	21
71) Bromoform	12.841	173	436	0.316	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	41655	21.571	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	41655	63.824	ug/l #	10

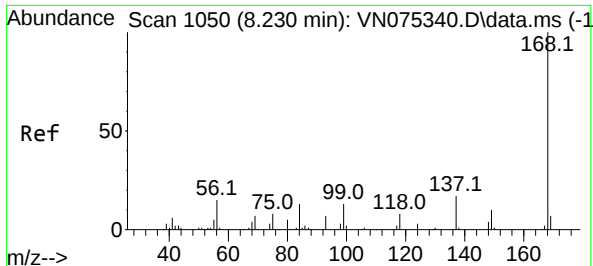
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
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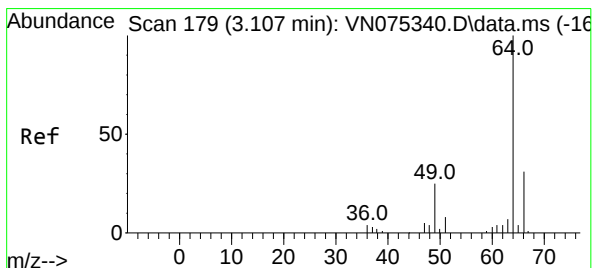
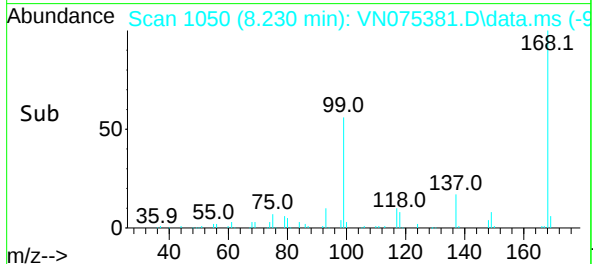
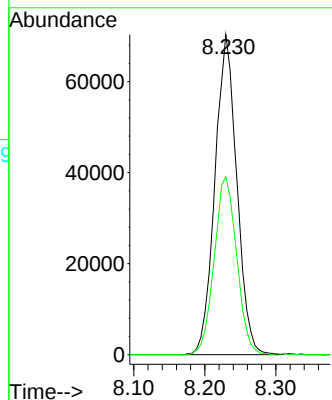
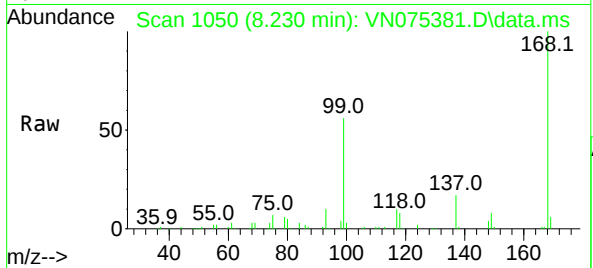




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

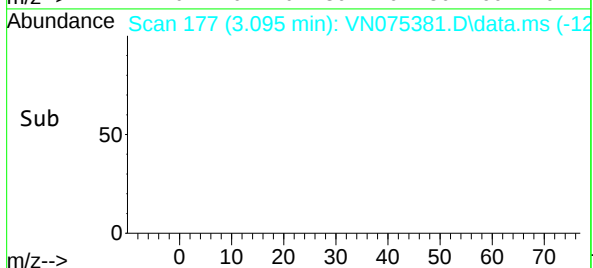
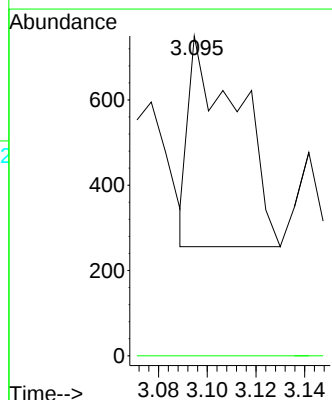
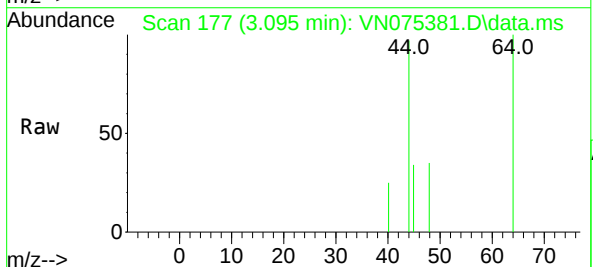
Instrument :
MSVOA_N
ClientSampleId :
MH-83.5

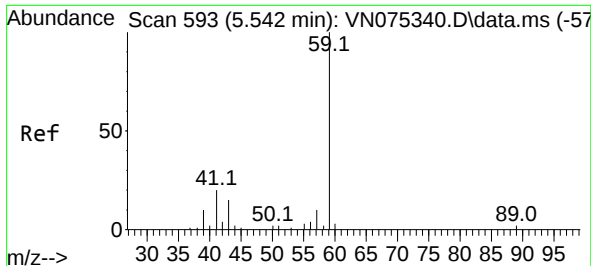
Tgt Ion:168 Resp: 150289
Ion Ratio Lower Upper
168 100
99 55.6 51.6 77.4



#6
Chloroethane
Concen: 0.503 ug/l
RT: 3.095 min Scan# 177
Delta R.T. -0.012 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

Tgt Ion: 64 Resp: 687
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

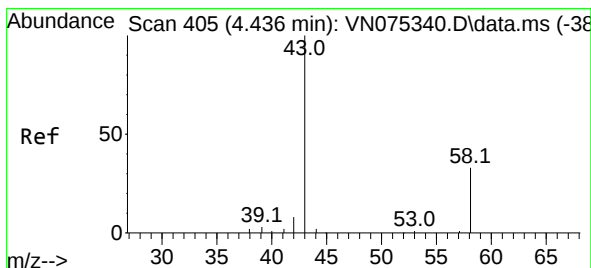
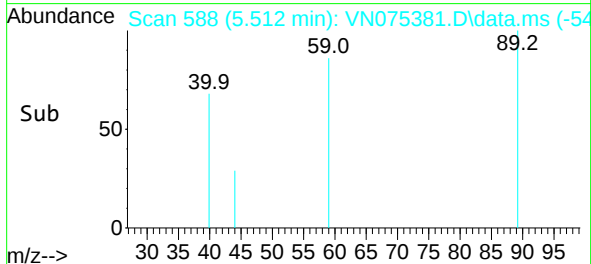
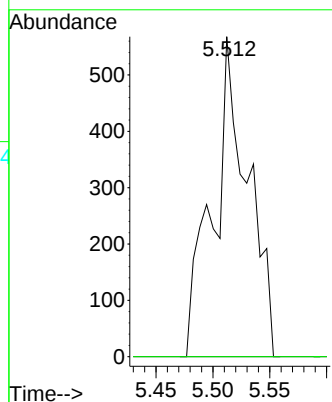
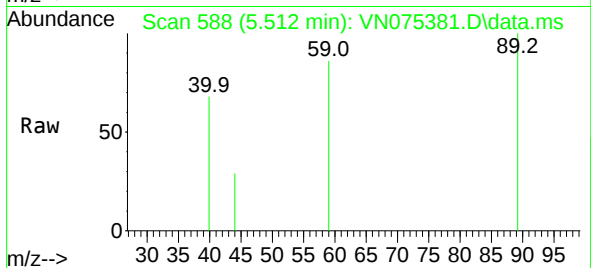




#11
Tert butyl alcohol
Concen: 3.582 ug/l
RT: 5.512 min Scan# 51
Delta R.T. -0.030 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

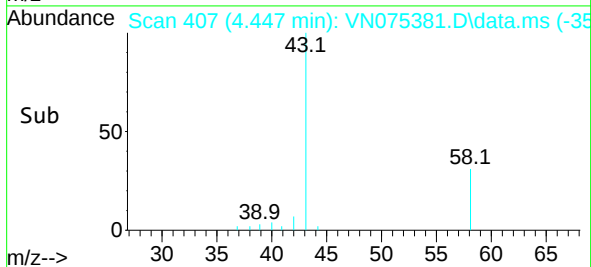
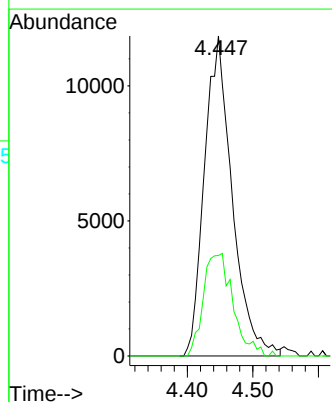
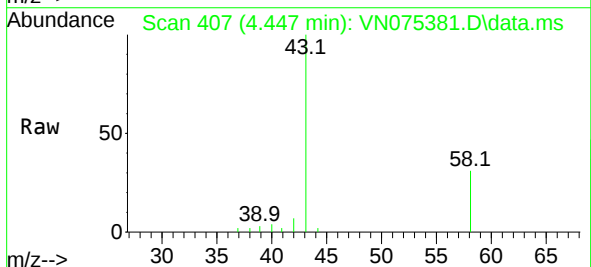
Instrument :
MSVOA_N
ClientSampleId :
MH-83.5

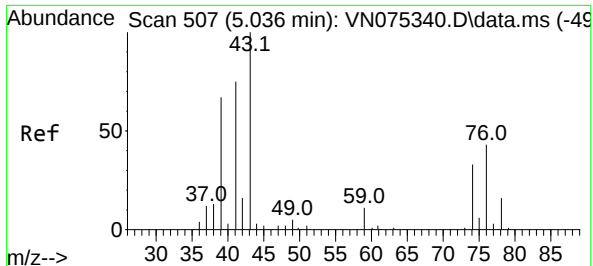
Tgt Ion: 59 Resp: 1213
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 46.328 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

Tgt Ion: 43 Resp: 34861
Ion Ratio Lower Upper
43 100
58 31.4 25.5 38.3

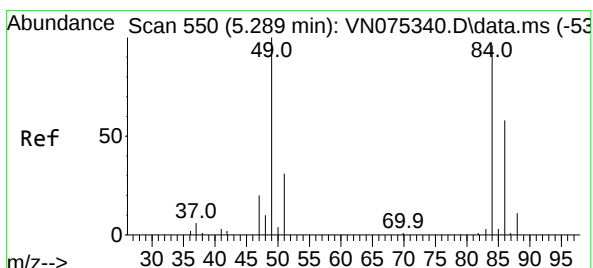
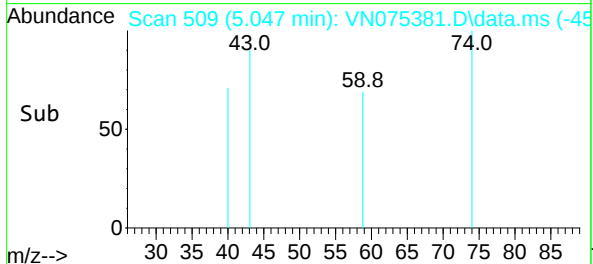
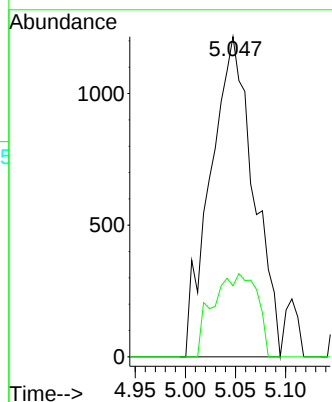
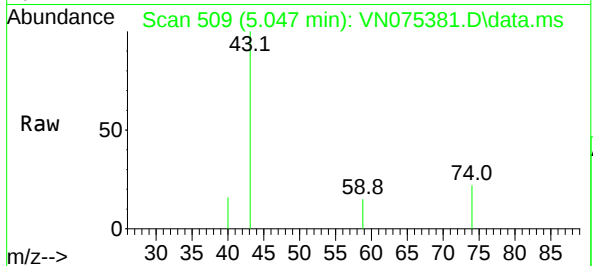




#18
Methyl Acetate
Concen: 0.635 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.011 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

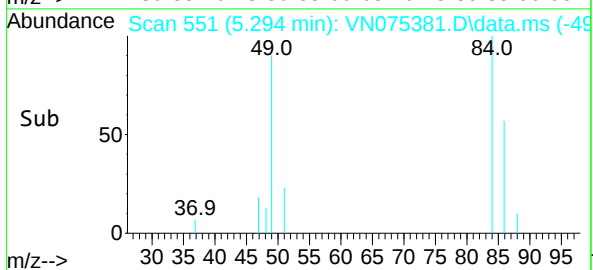
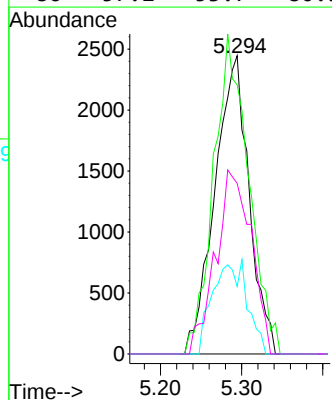
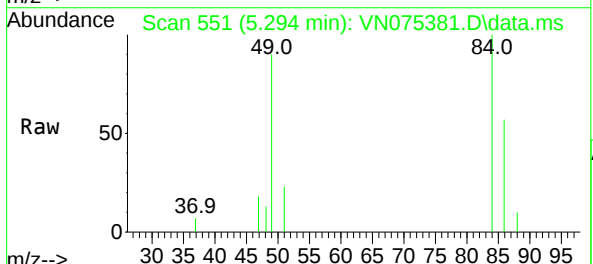
Instrument :
MSVOA_N
ClientSampleId :
MH-83.5

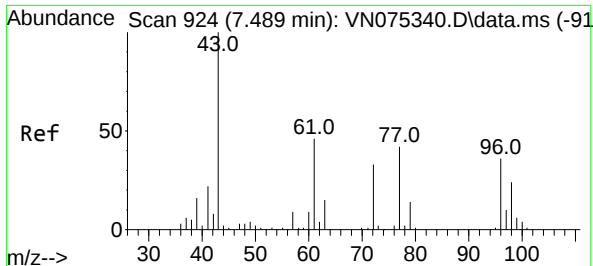
Tgt Ion: 43 Resp: 3630
Ion Ratio Lower Upper
43 100
74 26.6 22.0 33.0



#20
Methylene Chloride
Concen: 3.488 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

Tgt Ion: 84 Resp: 7138
Ion Ratio Lower Upper
84 100
49 90.3 94.9 142.3#
51 22.6 26.8 40.2#
86 57.2 53.7 80.5





#25

2-Butanone

Concen: 1.926 ug/l

RT: 7.506 min Scan# 91

Delta R.T. 0.017 min

Lab File: VN075381.D

Acq: 22 Nov 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

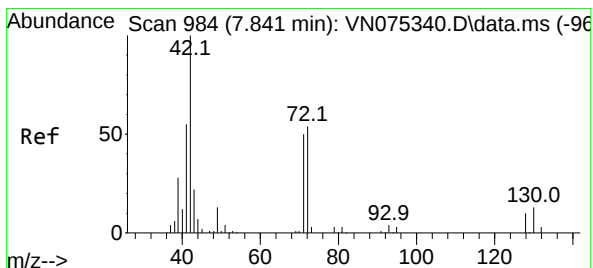
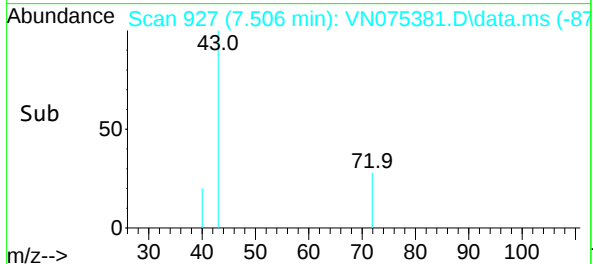
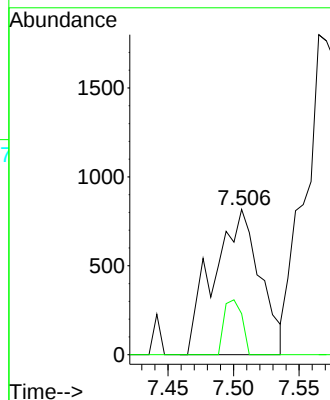
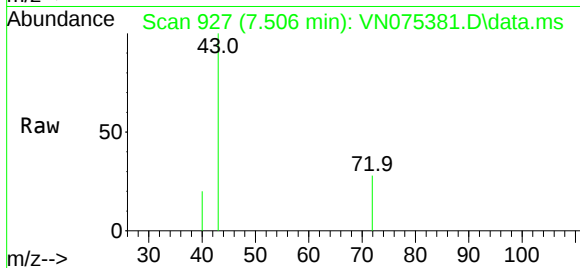
MH-83.5

Tgt Ion: 43 Resp: 2023

Ion Ratio Lower Upper

43 100

72 28.2 25.5 38.3



#29

Tetrahydrofuran

Concen: 0.327 ug/l

RT: 7.865 min Scan# 988

Delta R.T. 0.024 min

Lab File: VN075381.D

Acq: 22 Nov 2022 20:30

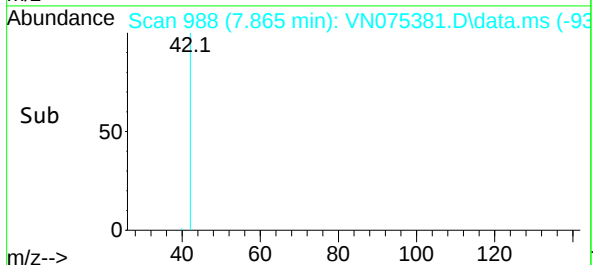
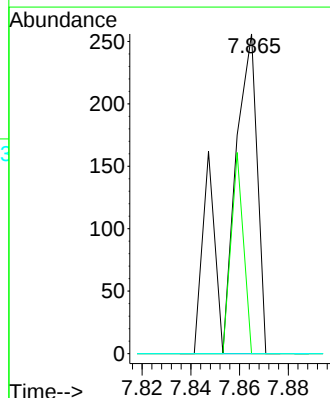
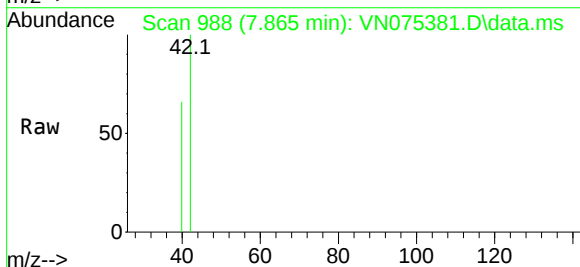
Tgt Ion: 42 Resp: 209

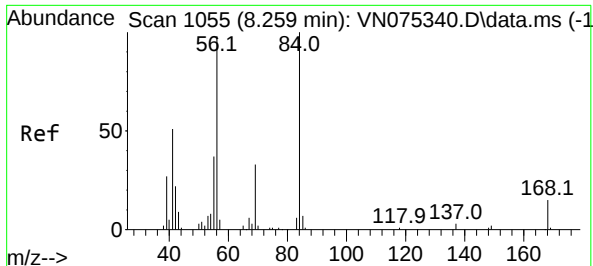
Ion Ratio Lower Upper

42 100

72 27.3 43.0 64.6#

71 0.0 39.9 59.9#

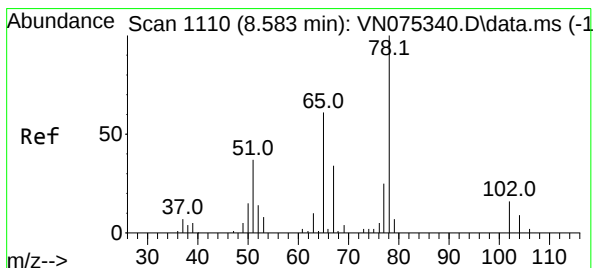
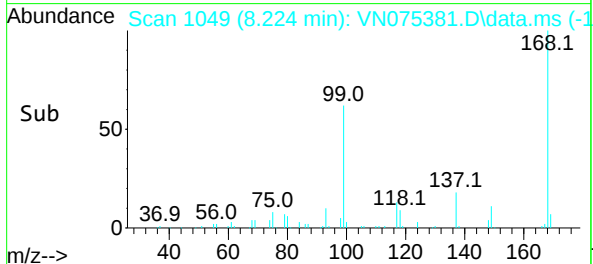
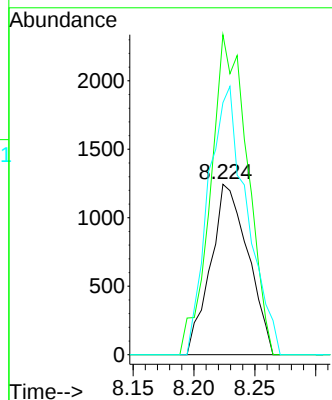
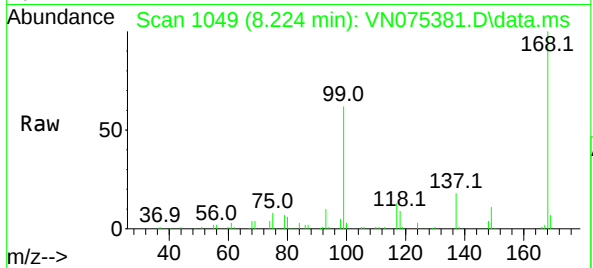




#31
Cyclohexane
Concen: 1.041 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

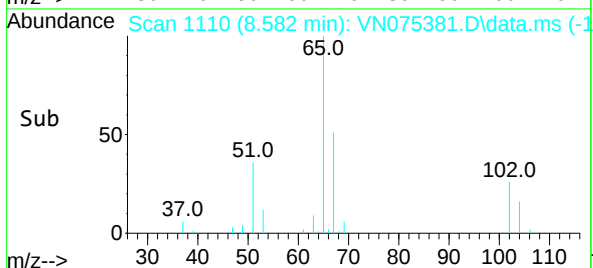
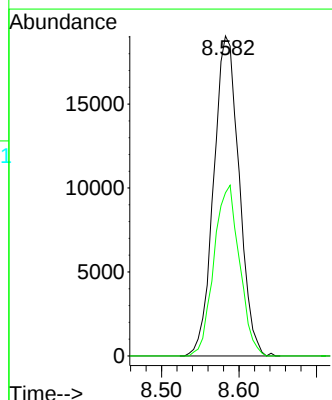
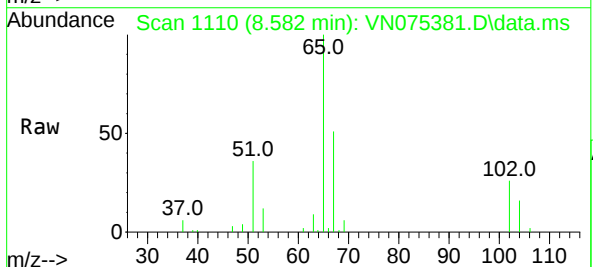
Instrument :
MSVOA_N
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MH-83.5

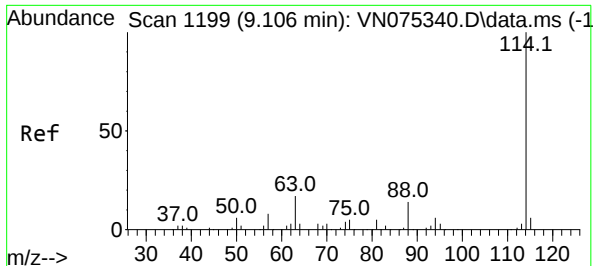
Tgt Ion: 56 Resp: 2669
Ion Ratio Lower Upper
56 100
69 187.7 25.2 37.8#
84 147.8 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 53.809 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

Tgt Ion: 65 Resp: 43409
Ion Ratio Lower Upper
65 100
67 53.8 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: VN075381.D

Acq: 22 Nov 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

MH-83.5

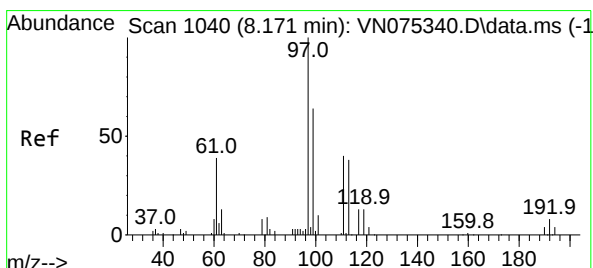
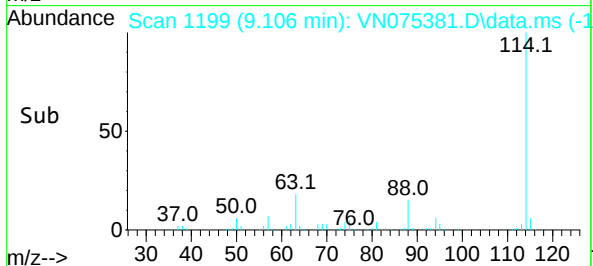
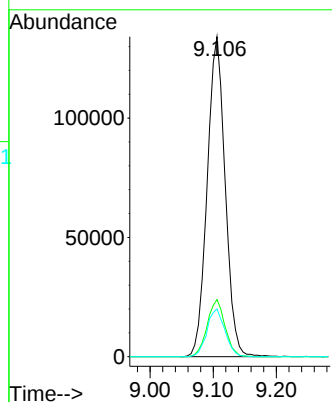
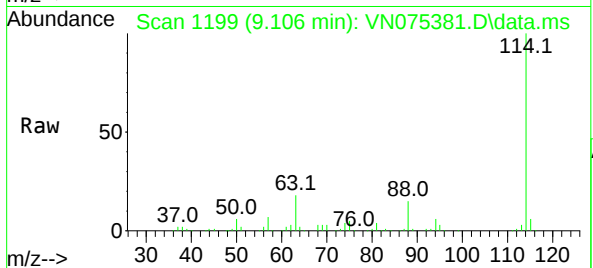
Tgt Ion:114 Resp: 265525

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.912 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075381.D

Acq: 22 Nov 2022 20:30

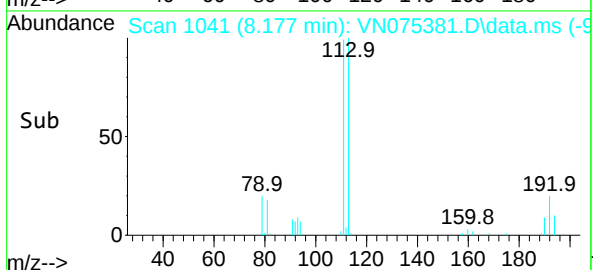
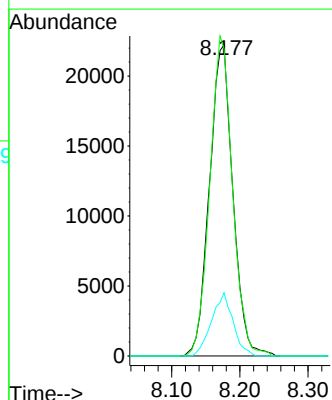
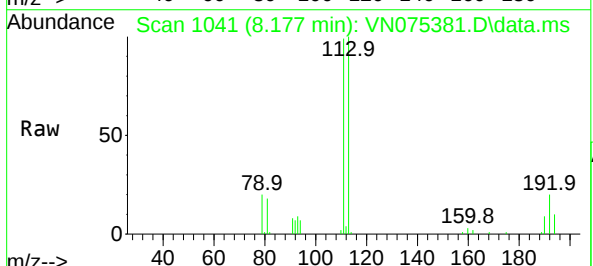
Tgt Ion:113 Resp: 53105

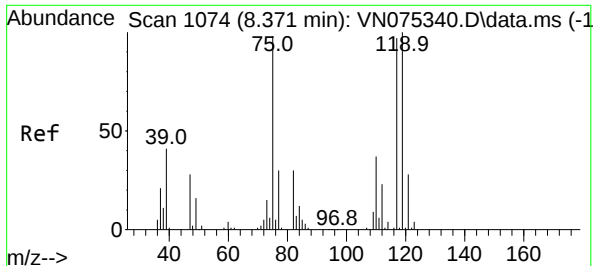
Ion Ratio Lower Upper

113 100

111 99.6 80.5 120.7

192 18.7 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.855 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN075381.D

Acq: 22 Nov 2022 20:30

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MH-83.5

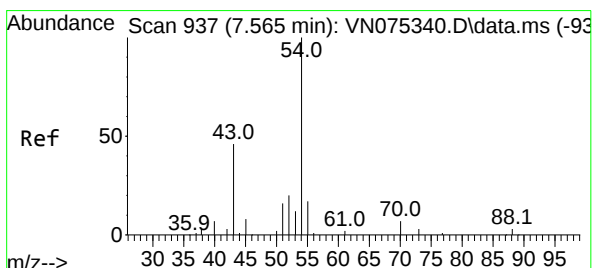
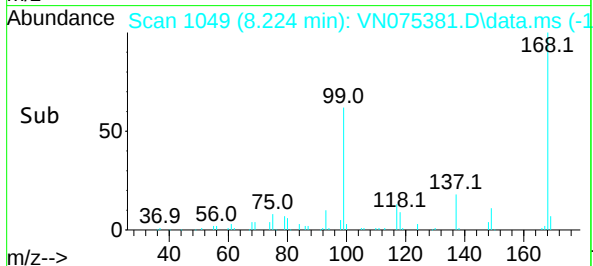
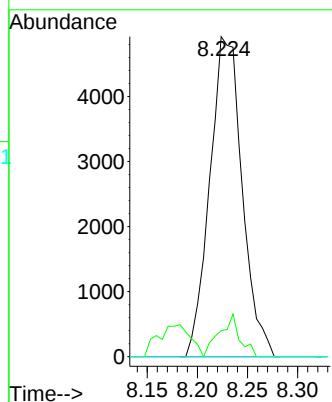
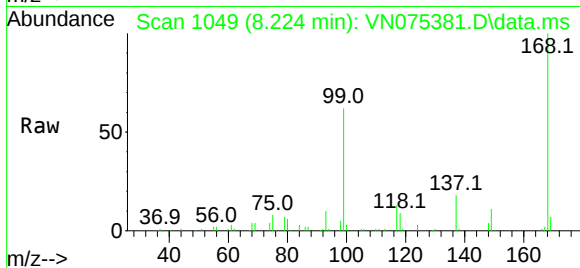
Tgt Ion: 75 Resp: 11043

Ion Ratio Lower Upper

75 100

110 8.3 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 2.078 ug/l

RT: 7.565 min Scan# 937

Delta R.T. -0.000 min

Lab File: VN075381.D

Acq: 22 Nov 2022 20:30

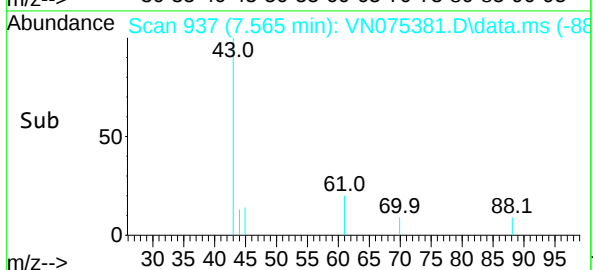
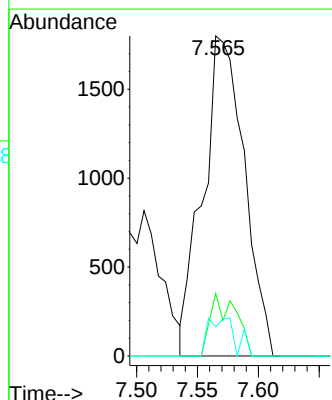
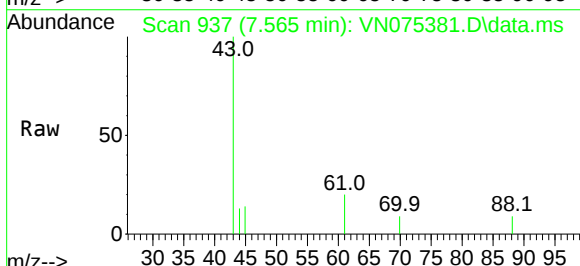
Tgt Ion: 43 Resp: 4257

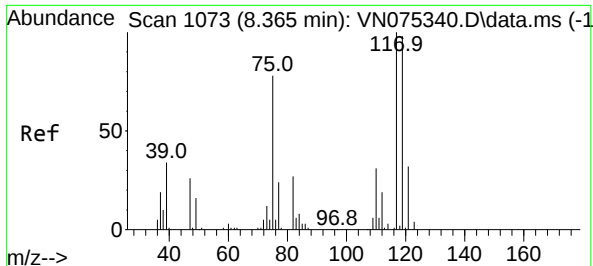
Ion Ratio Lower Upper

43 100

61 11.9 12.2 18.4#

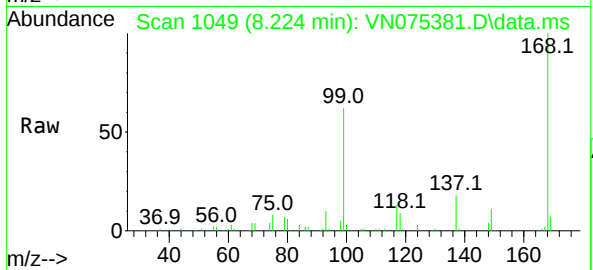
70 7.9 9.4 14.2#



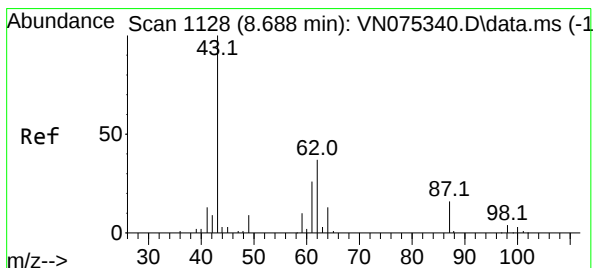
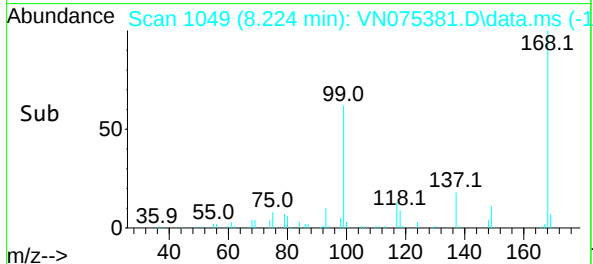
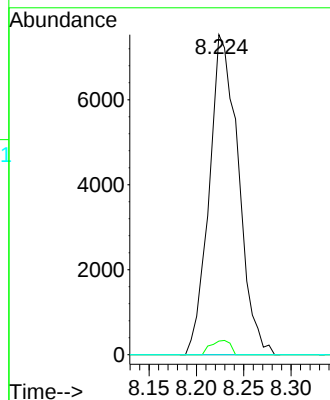


#38
Carbon Tetrachloride
Concen: 6.450 ug/l
RT: 8.224 min Scan# 1109
Delta R.T. -0.141 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
MH-83.5

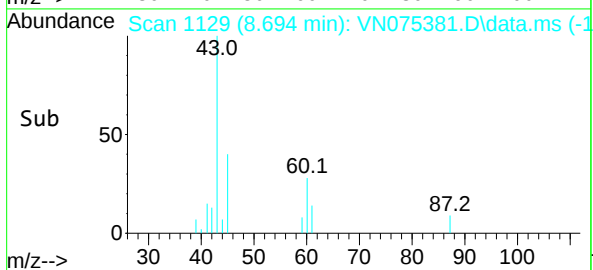
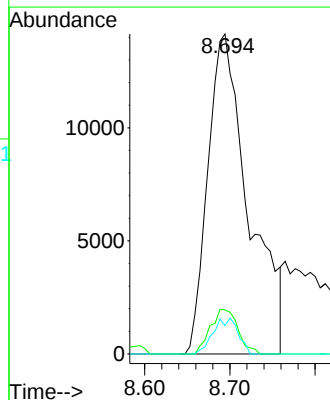
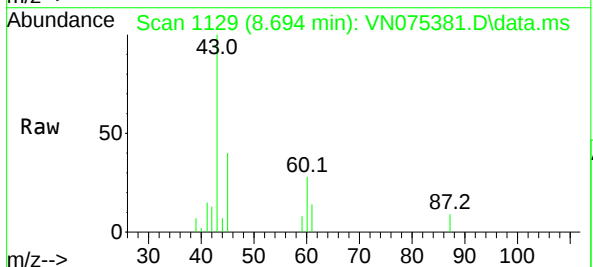


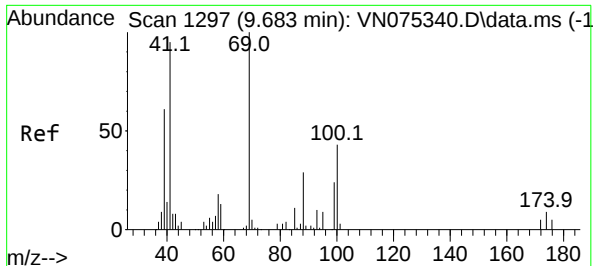
Tgt Ion:117 Resp: 16117
Ion Ratio Lower Upper
117 100
119 4.2 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 14.382 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

Tgt Ion: 43 Resp: 47282
Ion Ratio Lower Upper
43 100
61 9.4 22.4 33.6#
87 6.8 12.5 18.7#

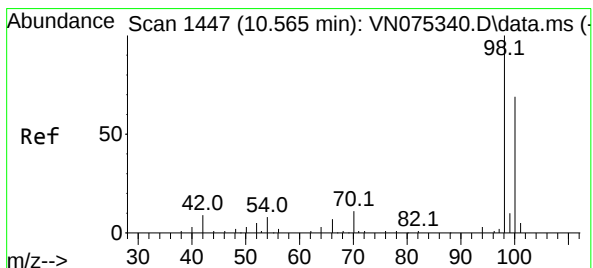
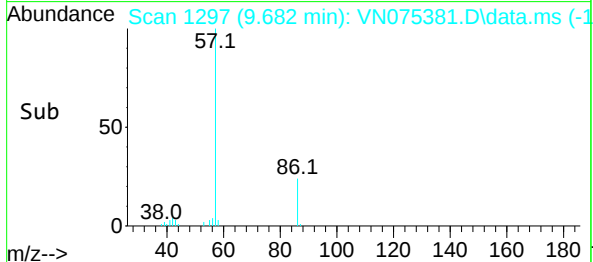
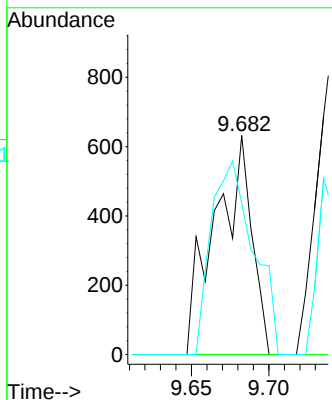
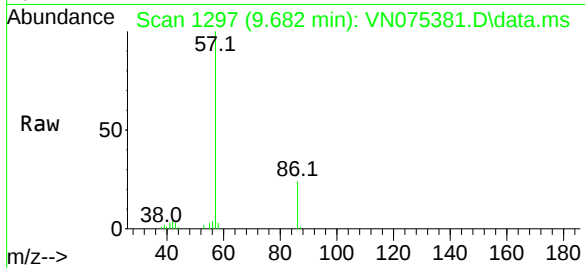




#48
Methyl methacrylate
Concen: 0.686 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

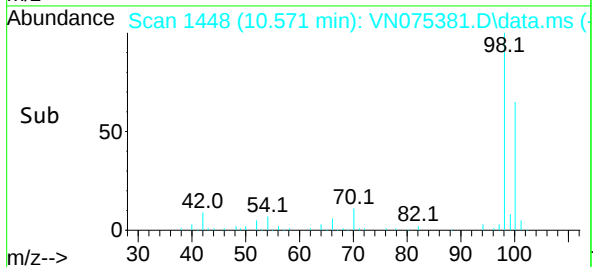
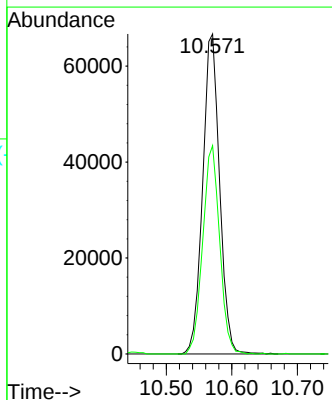
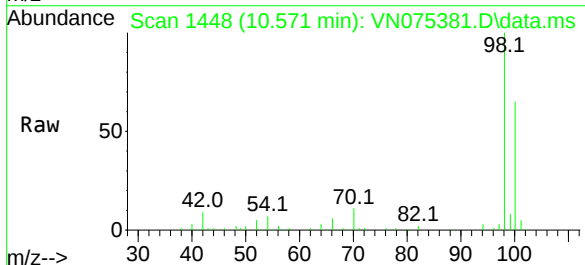
Instrument :
MSVOA_N
ClientSampleId :
MH-83.5

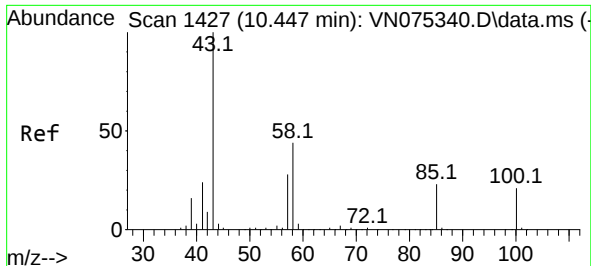
Tgt Ion: 41 Resp: 1043
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 102.1 56.2 84.2#



#50
Toluene-d8
Concen: 51.021 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

Tgt Ion: 98 Resp: 119863
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.6

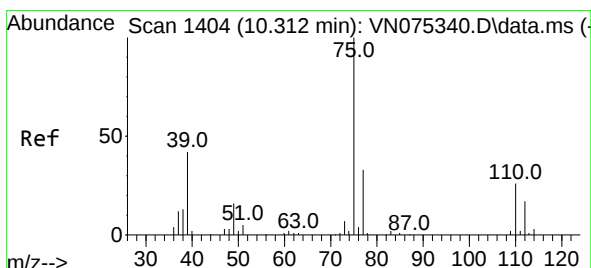
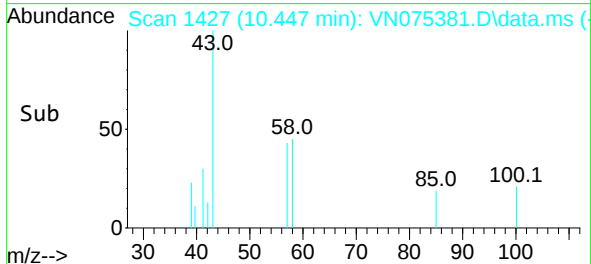
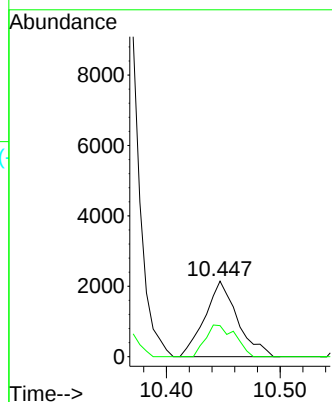
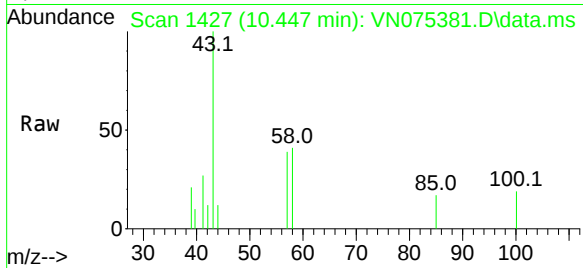




#51
4-Methyl-2-Pentanone
Concen: 2.043 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

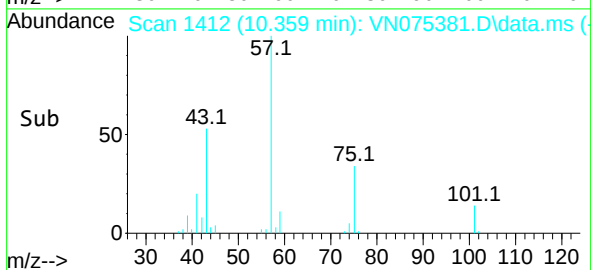
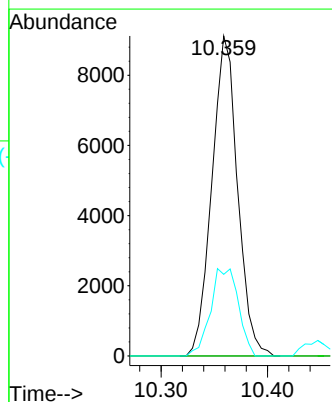
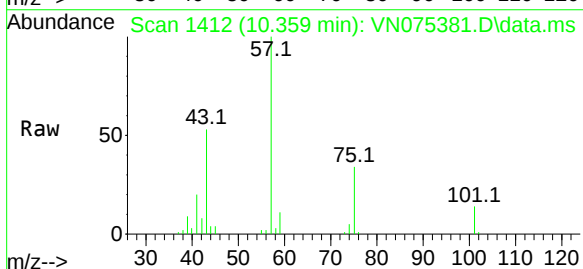
Instrument :
MSVOA_N
ClientSampleId :
MH-83.5

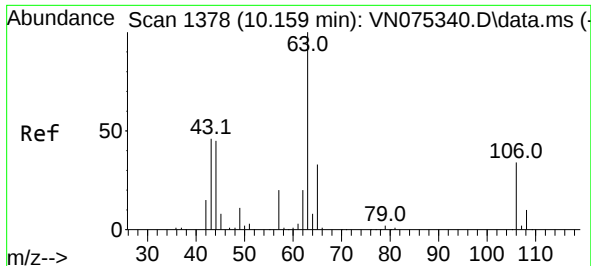
Tgt Ion: 43 Resp: 4277
Ion Ratio Lower Upper
43 100
58 37.8 33.6 50.4



#54
cis-1,3-Dichloropropene
Concen: 5.753 ug/l
RT: 10.359 min Scan# 1412
Delta R.T. 0.047 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

Tgt Ion: 75 Resp: 15250
Ion Ratio Lower Upper
75 100
77 0.0 23.7 35.5#
39 25.5 35.8 53.6#

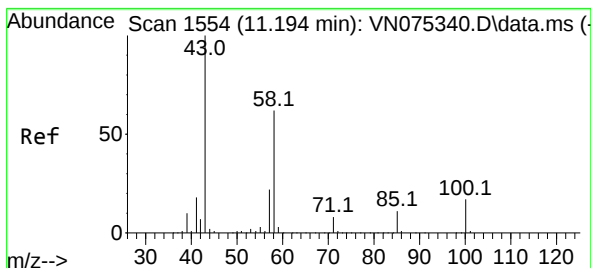
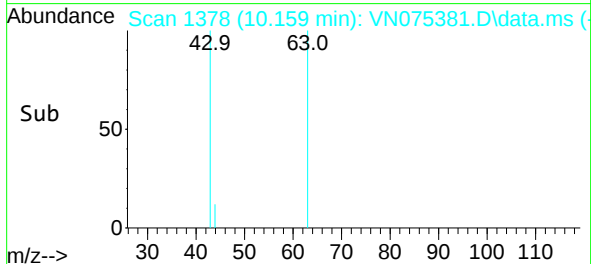
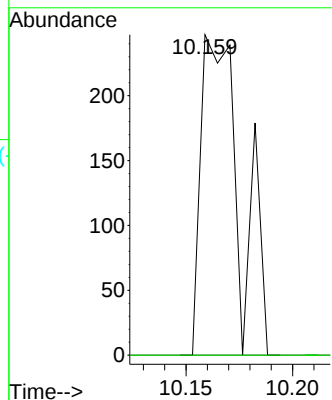
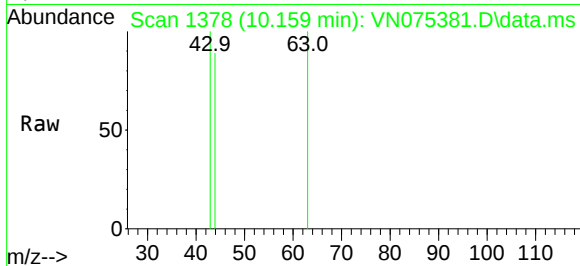




#58
2-Chloroethyl Vinyl ether
Concen: 0.353 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

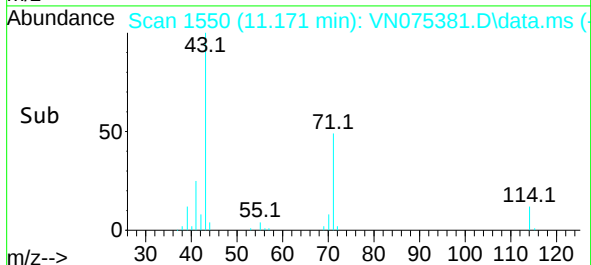
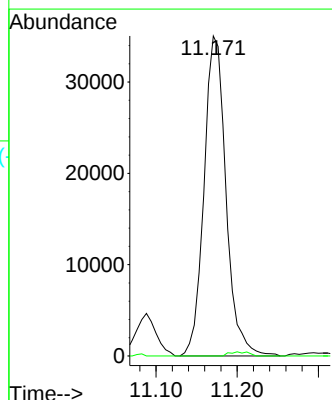
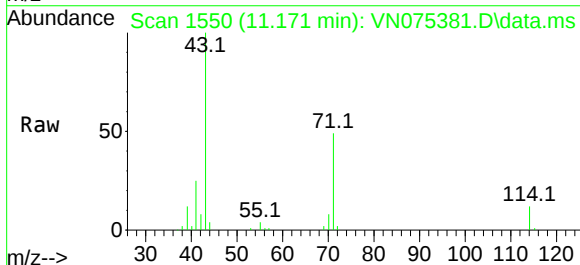
Instrument :
MSVOA_N
ClientSampleId :
MH-83.5

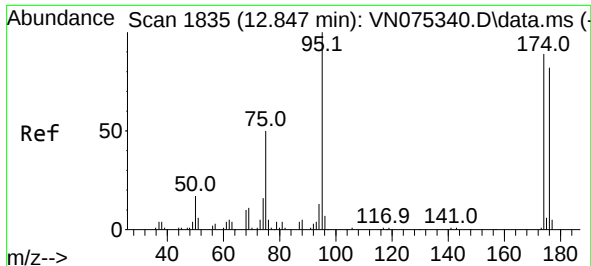
Tgt Ion: 63 Resp: 314
Ion Ratio Lower Upper
63 100
106 0.0 24.8 37.2#



#59
2-Hexanone
Concen: 41.907 ug/l
RT: 11.171 min Scan# 1550
Delta R.T. -0.023 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

Tgt Ion: 43 Resp: 65893
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#





#62

4-Bromofluorobenzene

Concen: 48.218 ug/l

RT: 12.847 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075381.D

Acq: 22 Nov 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

MH-83.5

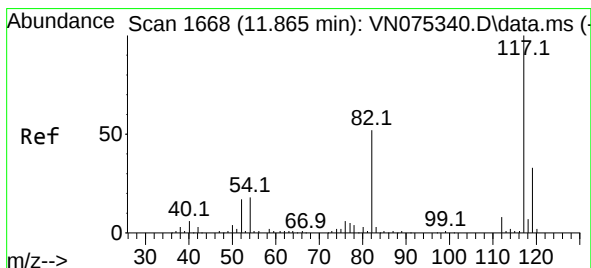
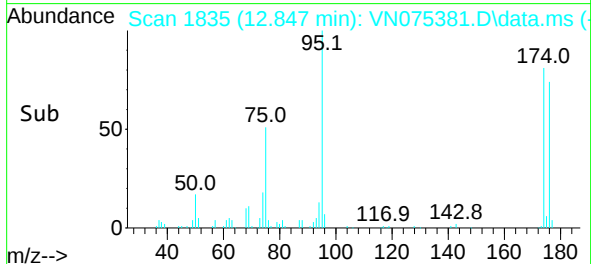
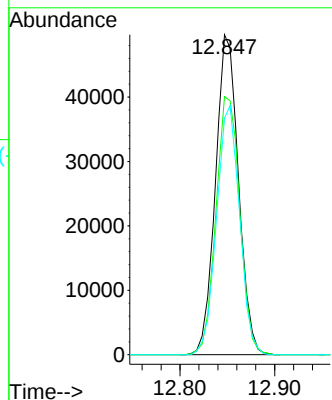
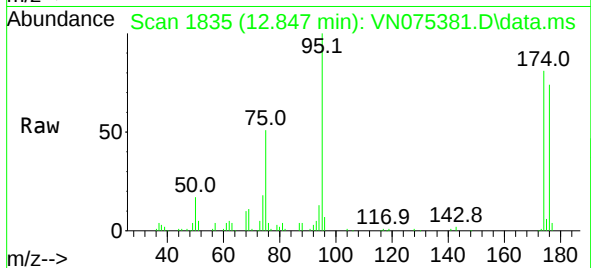
Tgt Ion: 95 Resp: 83612

Ion Ratio Lower Upper

95 100

174 83.7 0.0 147.4

176 78.0 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VN075381.D

Acq: 22 Nov 2022 20:30

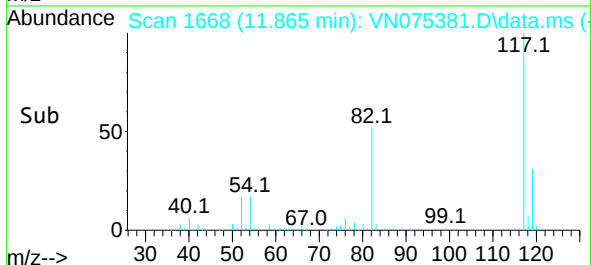
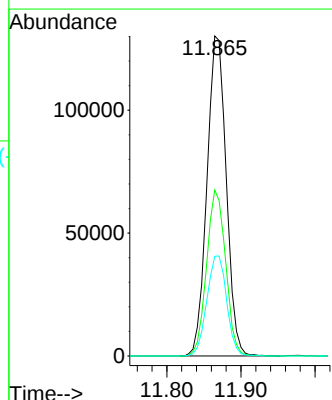
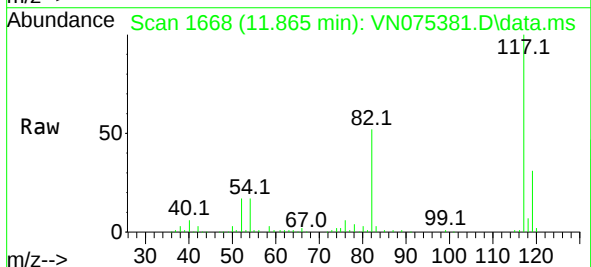
Tgt Ion: 117 Resp: 235486

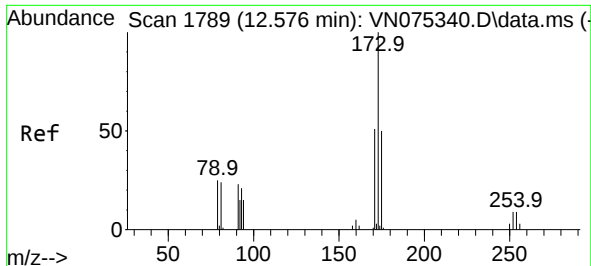
Ion Ratio Lower Upper

117 100

82 51.9 43.1 64.7

119 31.1 25.5 38.3

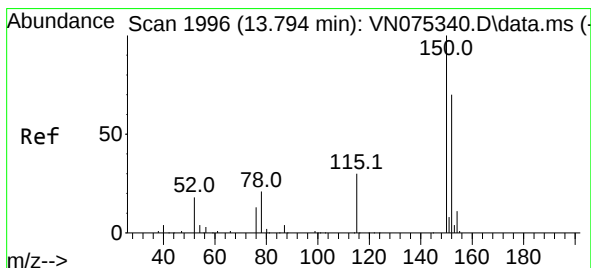
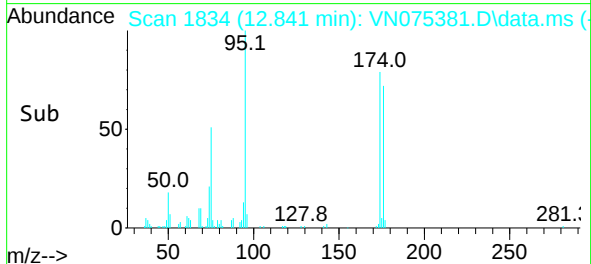
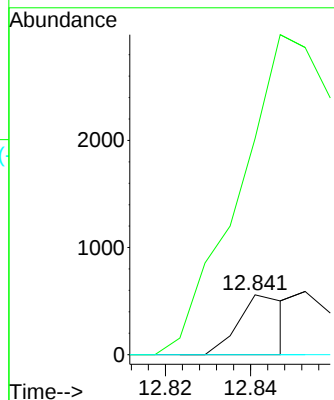
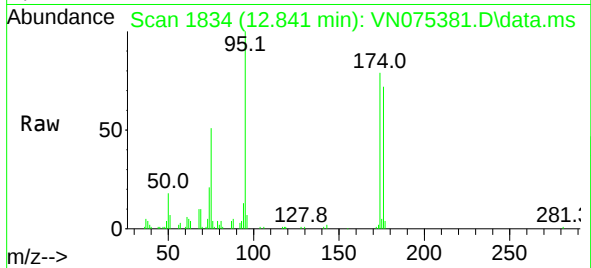




#71
Bromoform
Concen: 0.316 ug/l
RT: 12.841 min Scan# 1834
Delta R.T. 0.265 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

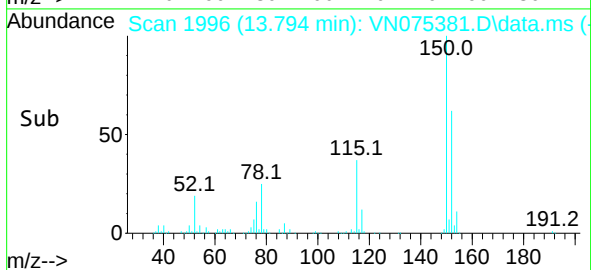
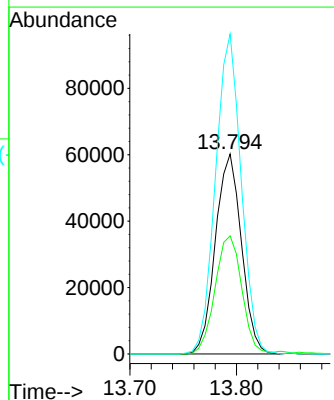
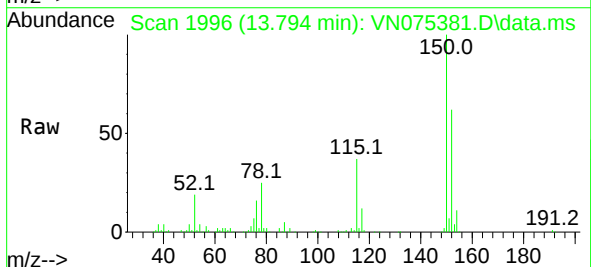
Instrument :
MSVOA_N
ClientSampleId :
MH-83.5

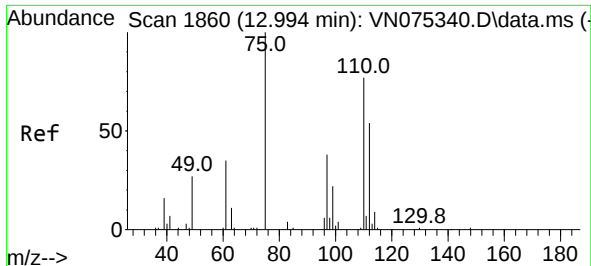
Tgt Ion:173 Resp: 436
Ion Ratio Lower Upper
173 100
175 816.1 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

Tgt Ion:152 Resp: 102132
Ion Ratio Lower Upper
152 100
115 60.6 30.2 90.6
150 157.6 0.0 348.4

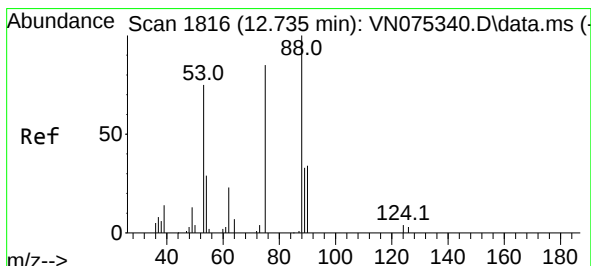
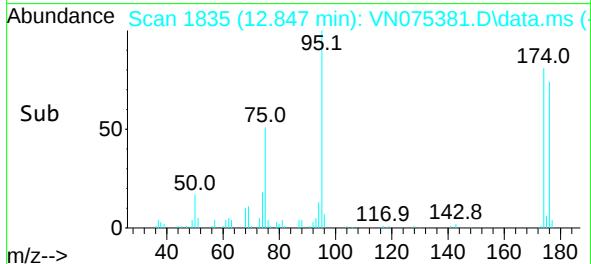
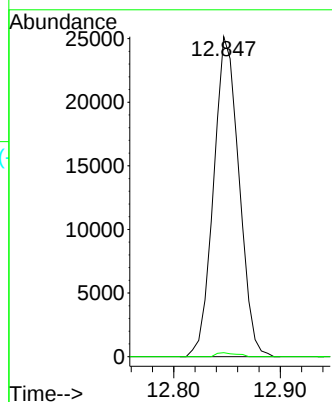
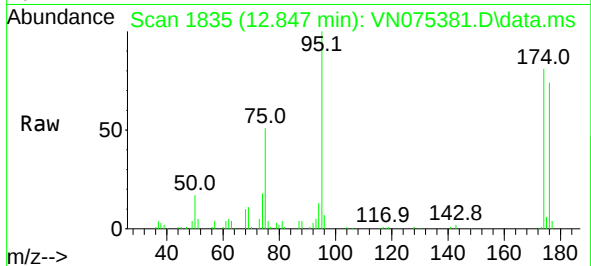




#76
1,2,3-Trichloropropane
Concen: 21.571 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
MH-83.5

Tgt Ion: 75 Resp: 41655
Ion Ratio Lower Upper
75 100
77 1.0 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.824 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075381.D
Acq: 22 Nov 2022 20:30

Tgt Ion: 75 Resp: 41655
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

