

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079854.D
 Acq On : 03 Nov 2023 17:15
 Operator : JC\MD
 Sample : 05139-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Nov 04 00:55:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

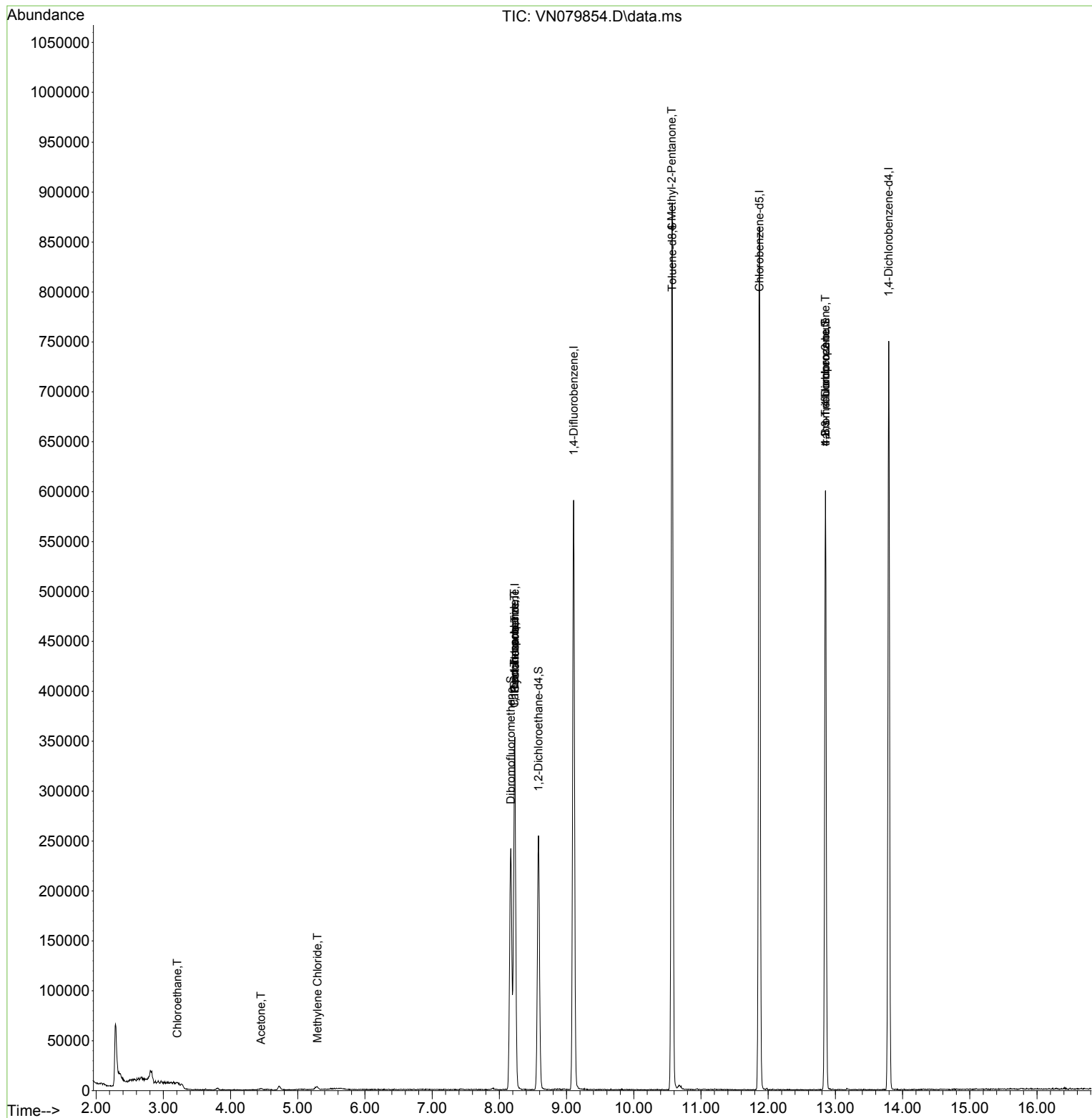
Internal Standards						
1) Pentafluorobenzene	8.230	168	242317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	475750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	492948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	206501	55.935	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.880%
35) Dibromofluoromethane	8.171	113	172567	51.250	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.500%
50) Toluene-d8	10.571	98	596203	48.097	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.853	95	196163	47.716	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.440%
Target Compounds						
					Qvalue	
6) Chloroethane	3.206	64	2881	0.954	ug/l #	43
16) Acetone	4.453	43	2278	1.757	ug/l #	40
20) Methylene Chloride	5.295	84	2209	0.675	ug/l #	88
31) Cyclohexane	8.230	56	6568	1.346	ug/l #	56
36) 1,1-Dichloropropene	8.224	75	22044	4.585	ug/l #	49
38) Carbon Tetrachloride	8.224	117	27360	5.647	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	3112	0.715	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	109455	24.473	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	109455	66.586	ug/l #	15

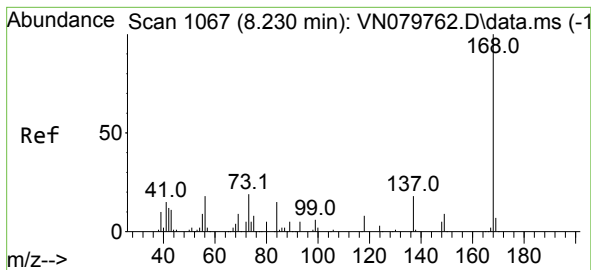
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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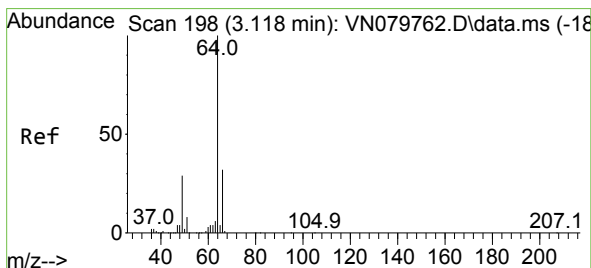
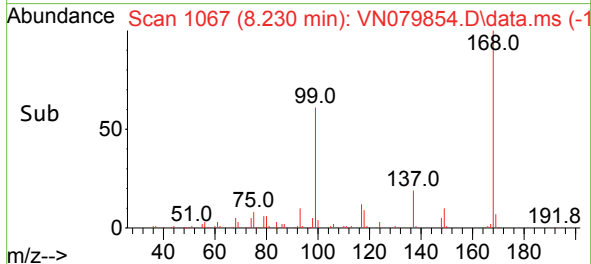
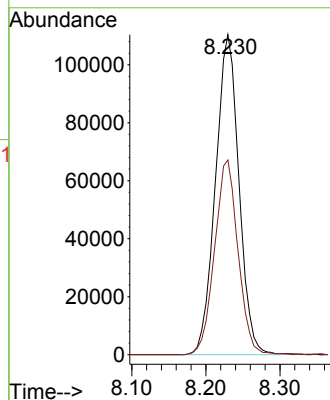
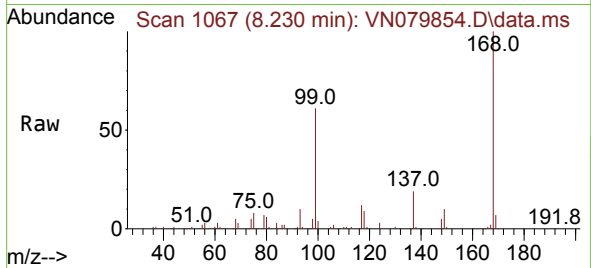




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN079854.D
Acq: 03 Nov 2023 17:15

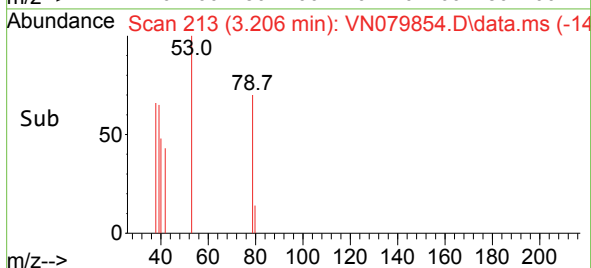
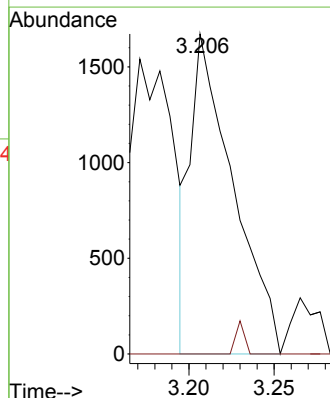
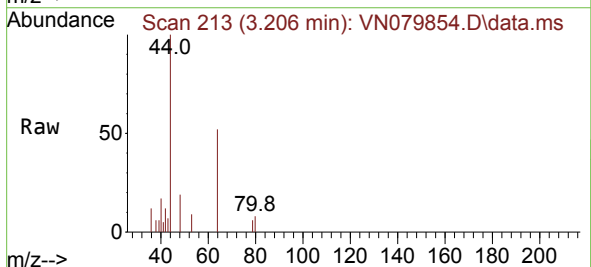
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

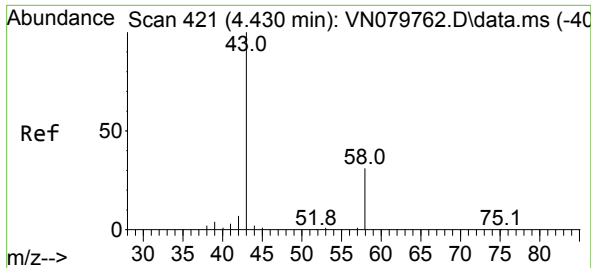
Tgt Ion:168 Resp: 242317
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#6
Chloroethane
Concen: 0.954 ug/l
RT: 3.206 min Scan# 213
Delta R.T. 0.088 min
Lab File: VN079854.D
Acq: 03 Nov 2023 17:15

Tgt Ion: 64 Resp: 2881
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#16

Acetone

Concen: 1.757 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN079854.D

Acq: 03 Nov 2023 17:15

Instrument :

MSVOA_N

ClientSampleId :

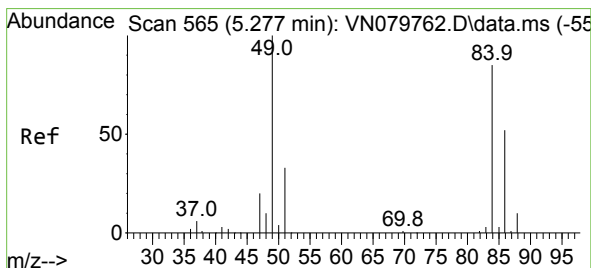
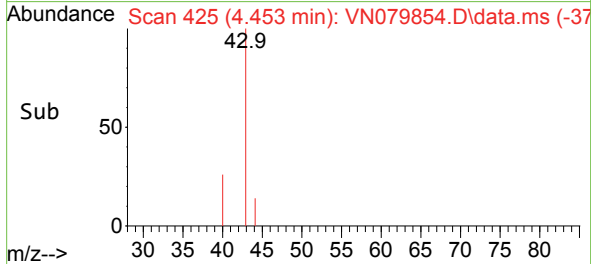
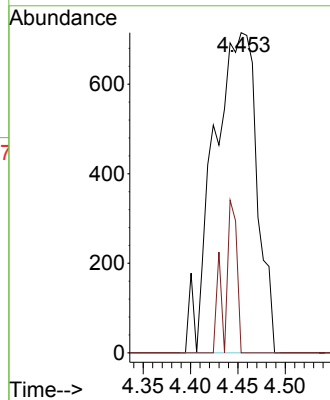
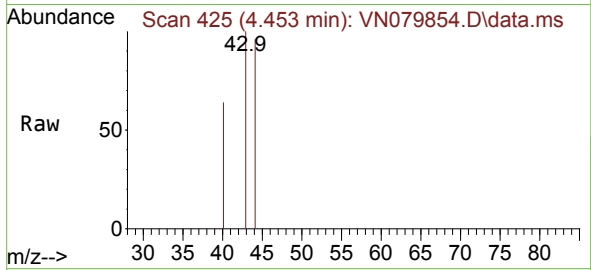
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 2278

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#20

Methylene Chloride

Concen: 0.675 ug/l

RT: 5.295 min Scan# 568

Delta R.T. 0.024 min

Lab File: VN079854.D

Acq: 03 Nov 2023 17:15

Tgt Ion: 84 Resp: 2209

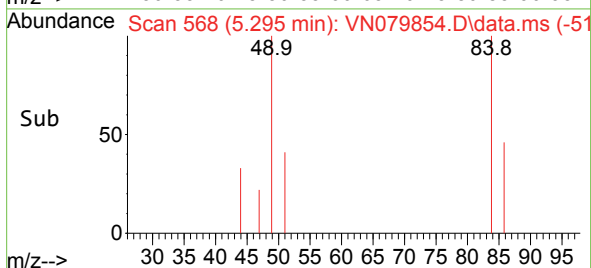
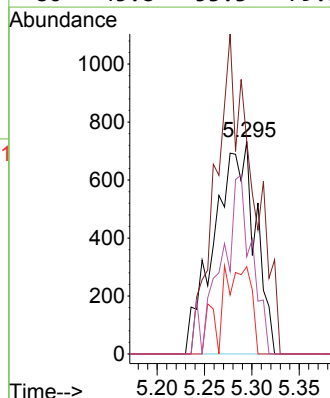
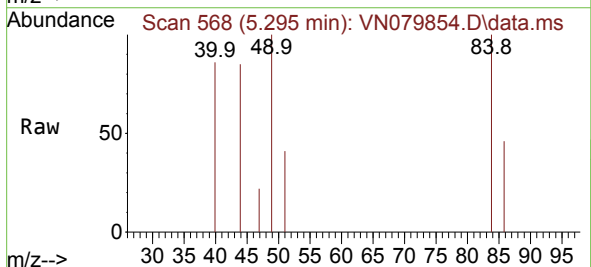
Ion Ratio Lower Upper

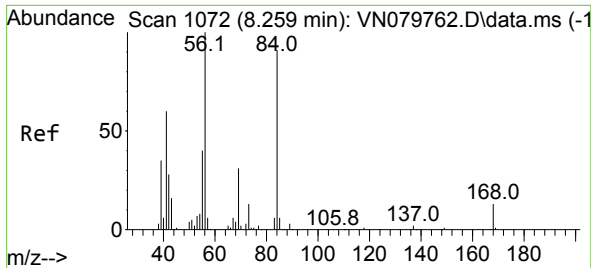
84 100

49 100.1 79.7 119.5

51 41.1 25.2 37.8#

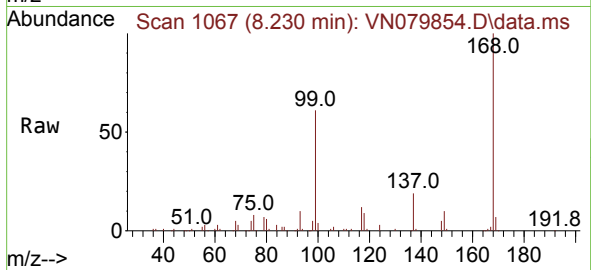
86 45.8 53.3 79.9#



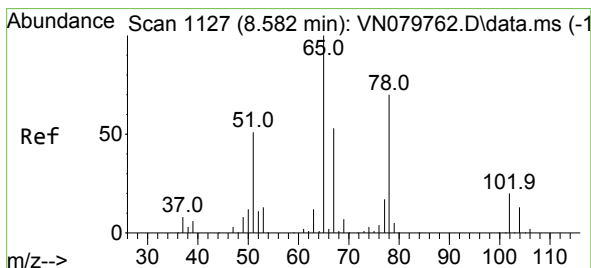
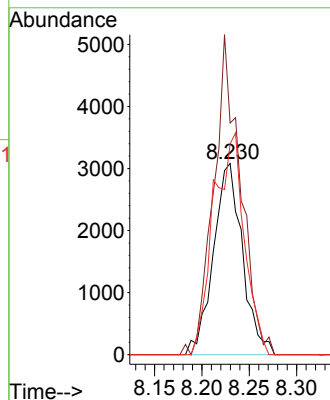
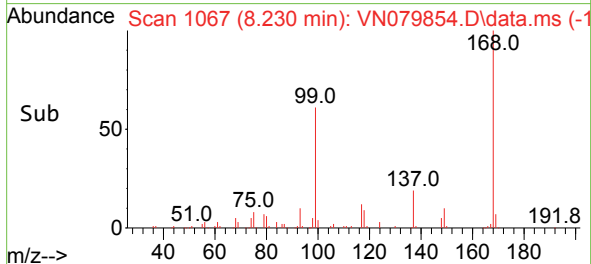


#31
Cyclohexane
Concen: 1.346 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079854.D
Acq: 03 Nov 2023 17:15

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

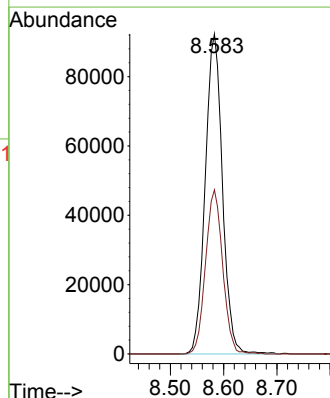
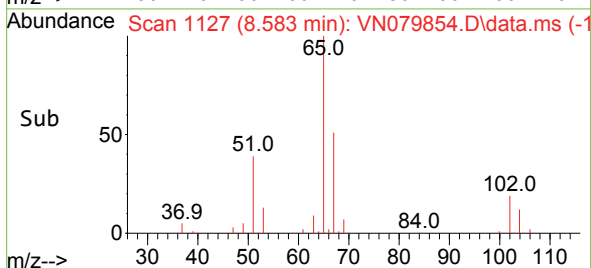
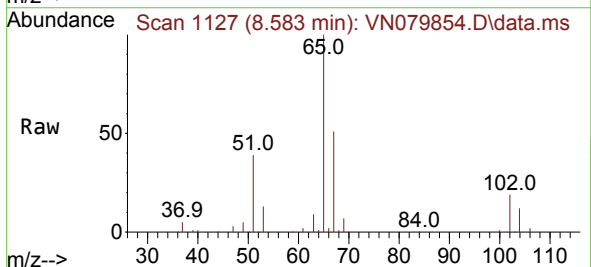


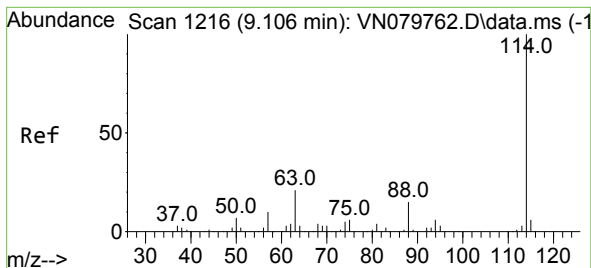
Tgt Ion: 56 Resp: 6568
Ion Ratio Lower Upper
56 100
69 121.1 26.8 40.2#
84 110.2 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 55.935 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079854.D
Acq: 03 Nov 2023 17:15

Tgt Ion: 65 Resp: 206501
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN079854.D

Acq: 03 Nov 2023 17:15

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

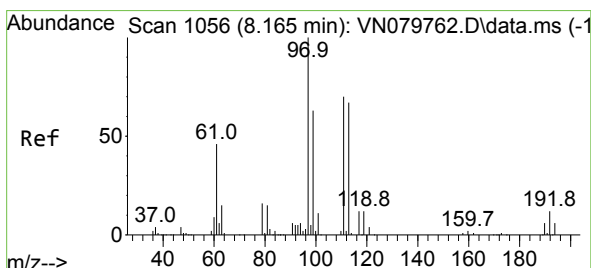
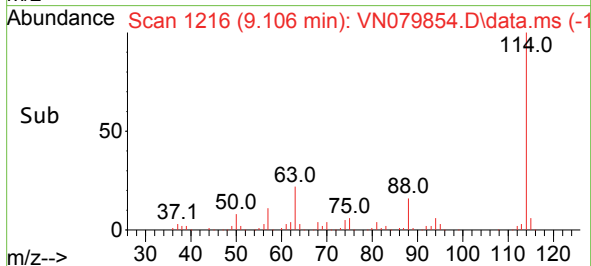
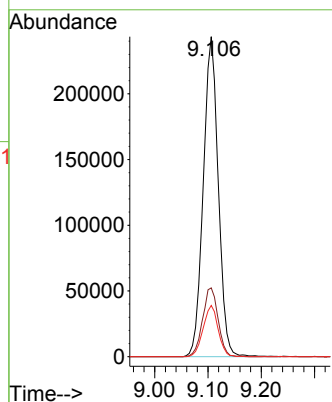
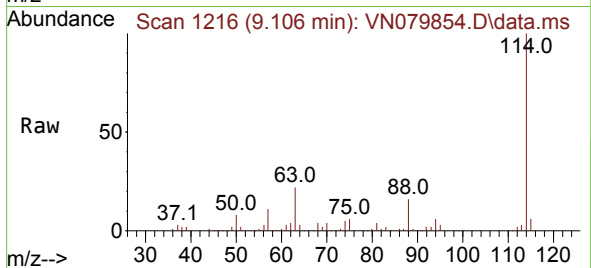
Tgt Ion:114 Resp: 475750

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.250 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079854.D

Acq: 03 Nov 2023 17:15

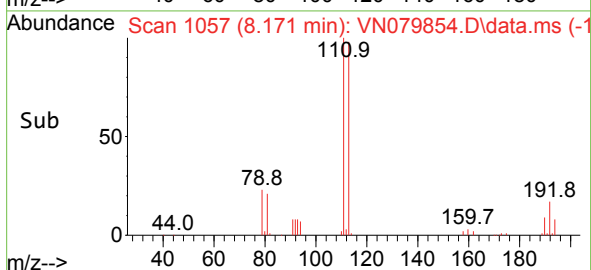
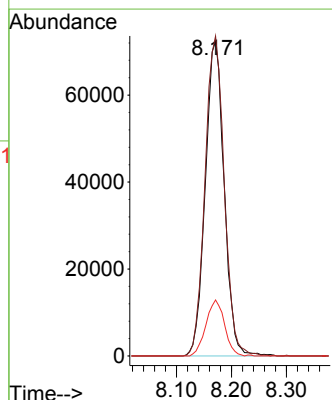
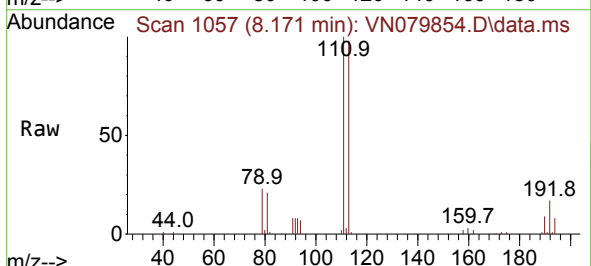
Tgt Ion:113 Resp: 172567

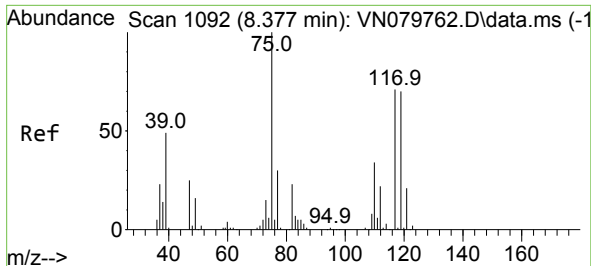
Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 17.6 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.585 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079854.D

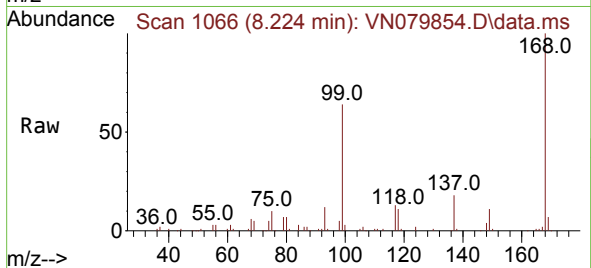
Acq: 03 Nov 2023 17:15

Instrument :

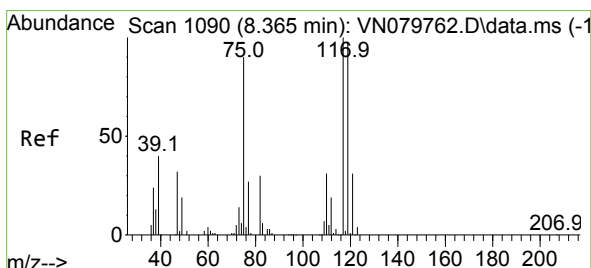
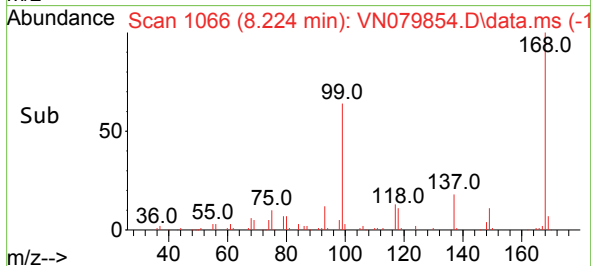
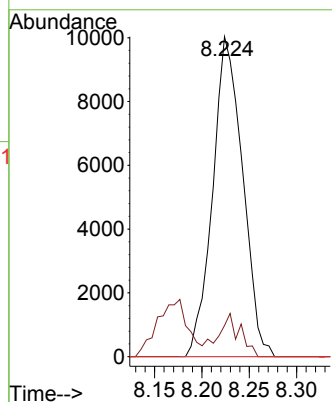
MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:	75	Resp:	22044
Ion Ratio	100	Lower	Upper
75	100		
110	9.9	19.1	57.3#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.647 ug/l

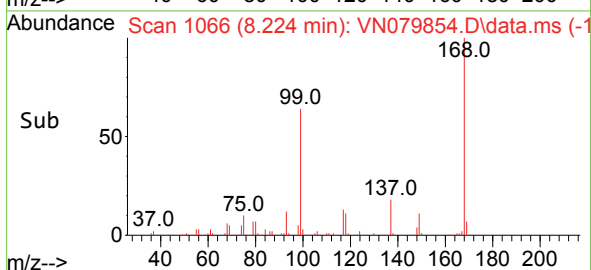
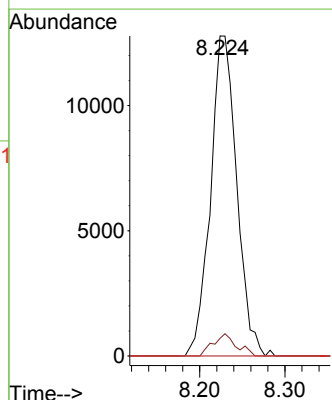
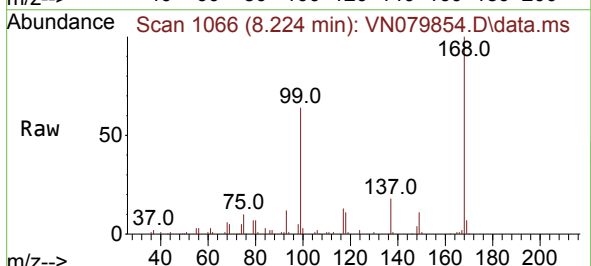
RT: 8.224 min Scan# 1066

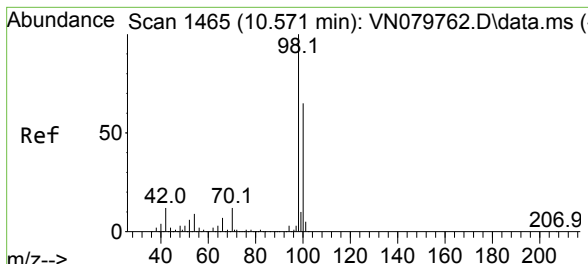
Delta R.T. -0.135 min

Lab File: VN079854.D

Acq: 03 Nov 2023 17:15

Tgt Ion:	117	Resp:	27360
Ion Ratio	100	Lower	Upper
117	100		
119	5.5	77.3	115.9#
121	0.0	23.3	34.9#

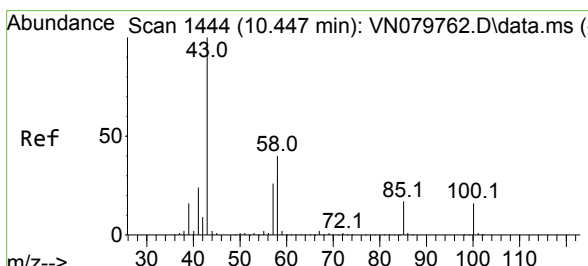
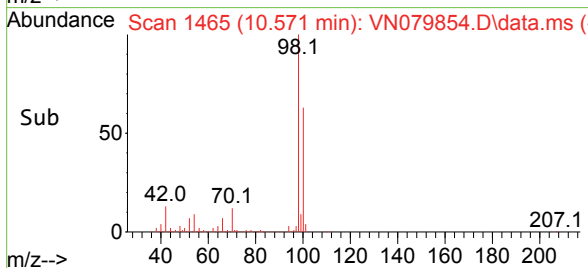
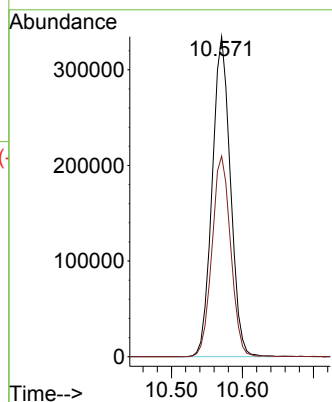
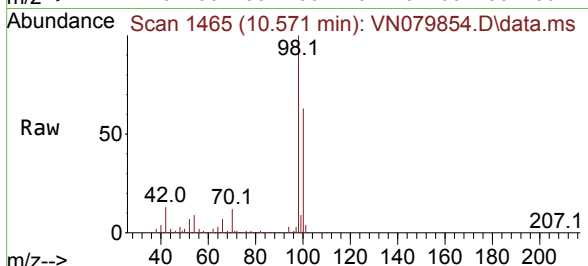




#50
Toluene-d8
Concen: 48.097 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079854.D
Acq: 03 Nov 2023 17:15

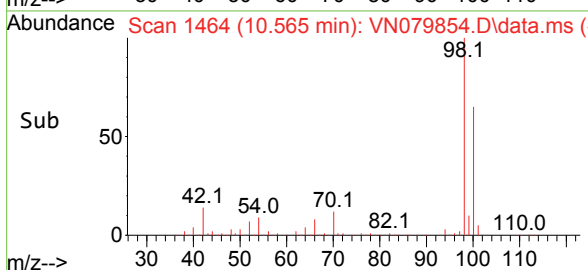
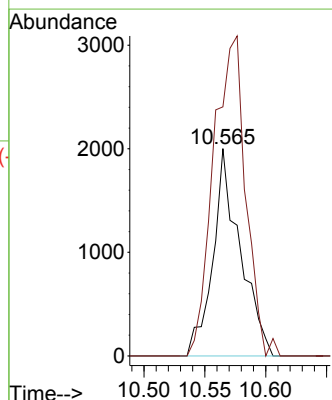
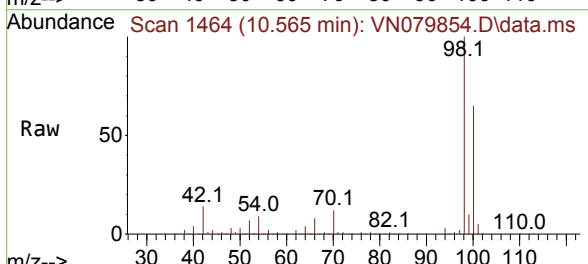
Instrument : MSVOA_N
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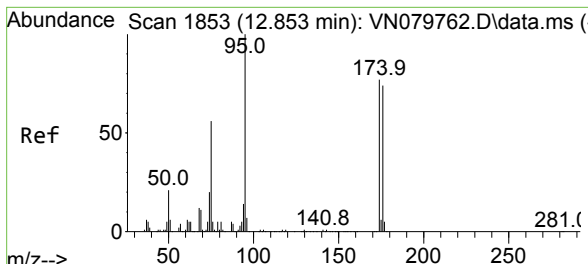
Tgt Ion: 98 Resp: 596203
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.715 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN079854.D
Acq: 03 Nov 2023 17:15

Tgt Ion: 43 Resp: 3112
Ion Ratio Lower Upper
43 100
58 182.5 36.6 54.8#

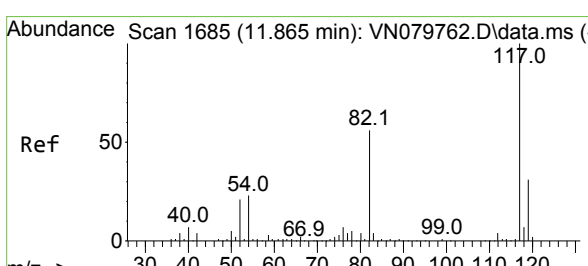
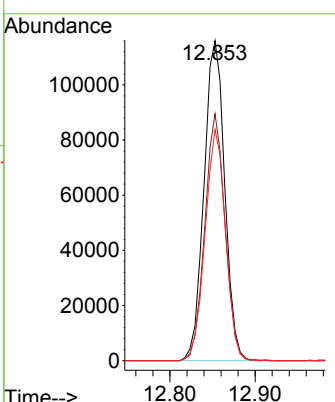
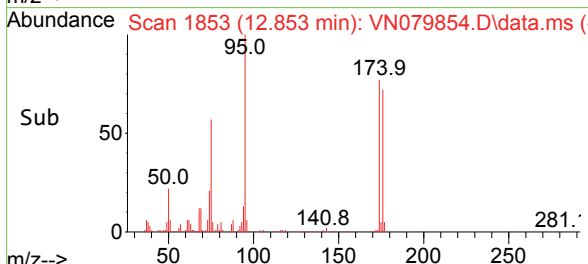
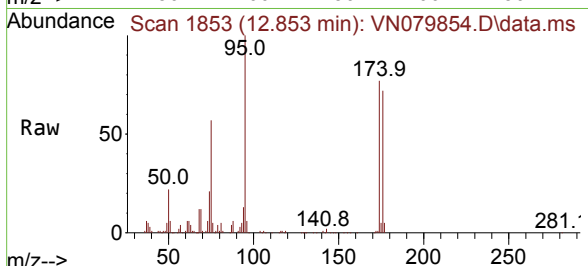




#62
 4-Bromofluorobenzene
 Concen: 47.716 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079854.D
 Acq: 03 Nov 2023 17:15

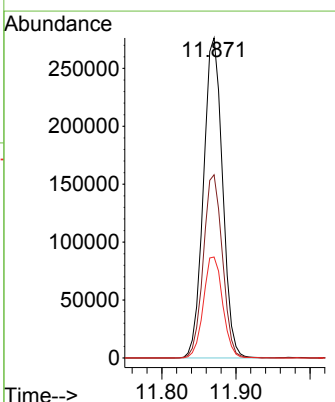
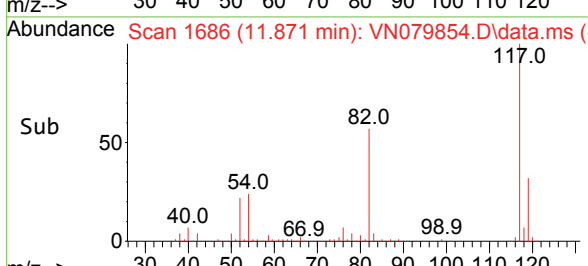
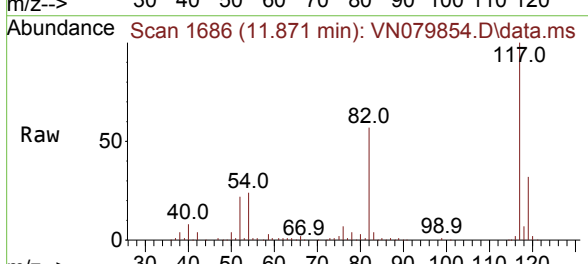
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

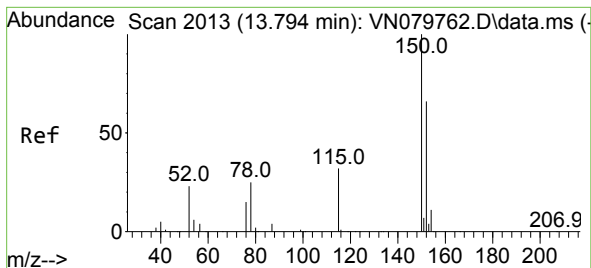
Tgt Ion:	95	Resp:	196163
Ion Ratio	Lower	Upper	
95	100		
174	75.7	0.0	143.8
176	71.1	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079854.D
 Acq: 03 Nov 2023 17:15

Tgt Ion:	117	Resp:	492948
Ion Ratio	Lower	Upper	
117	100		
82	57.2	44.0	66.0
119	31.5	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079854.D

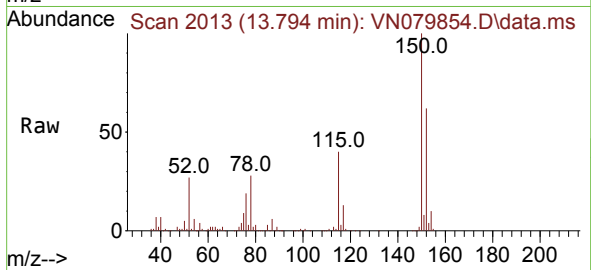
Acq: 03 Nov 2023 17:15

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



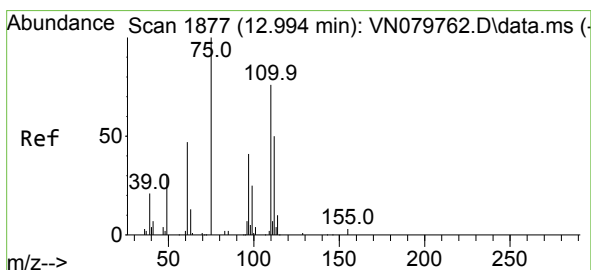
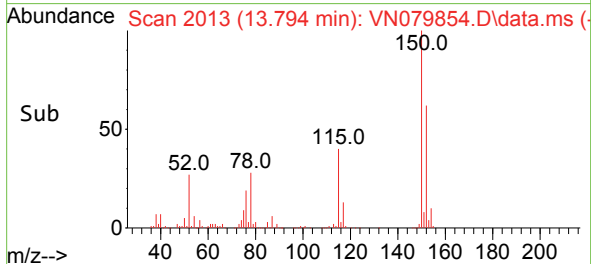
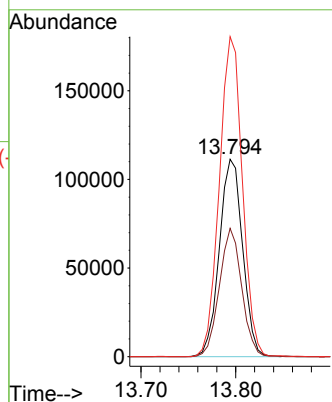
Tgt Ion:152 Resp: 190501

Ion Ratio Lower Upper

152 100

115 62.2 32.3 96.8

150 160.2 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 24.473 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079854.D

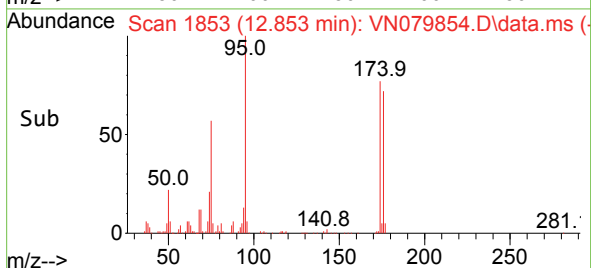
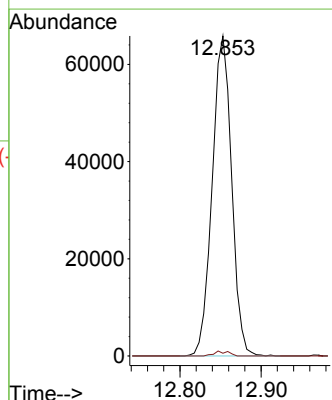
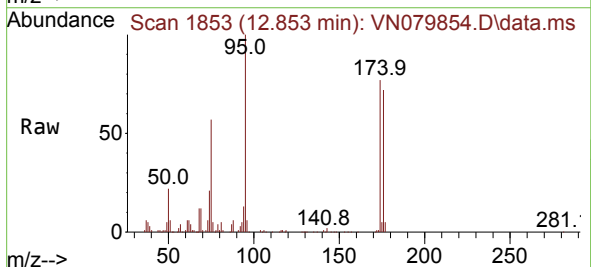
Acq: 03 Nov 2023 17:15

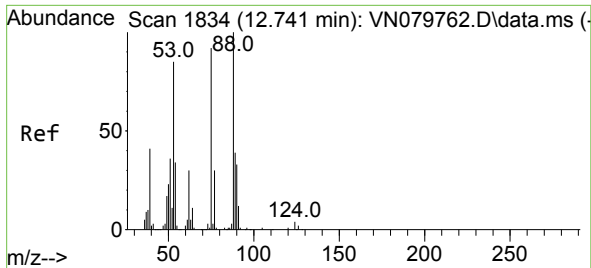
Tgt Ion: 75 Resp: 109455

Ion Ratio Lower Upper

75 100

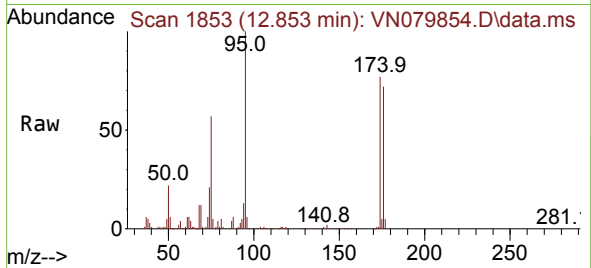
77 1.1 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.586 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079854.D
 Acq: 03 Nov 2023 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion: 75 Resp: 109455
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.1 38.8 58.2#

