

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076154.D
 Acq On : 09 Jan 2023 14:28
 Operator : JC\MD
 Sample : 01078-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jan 10 01:06:31 2023
 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)

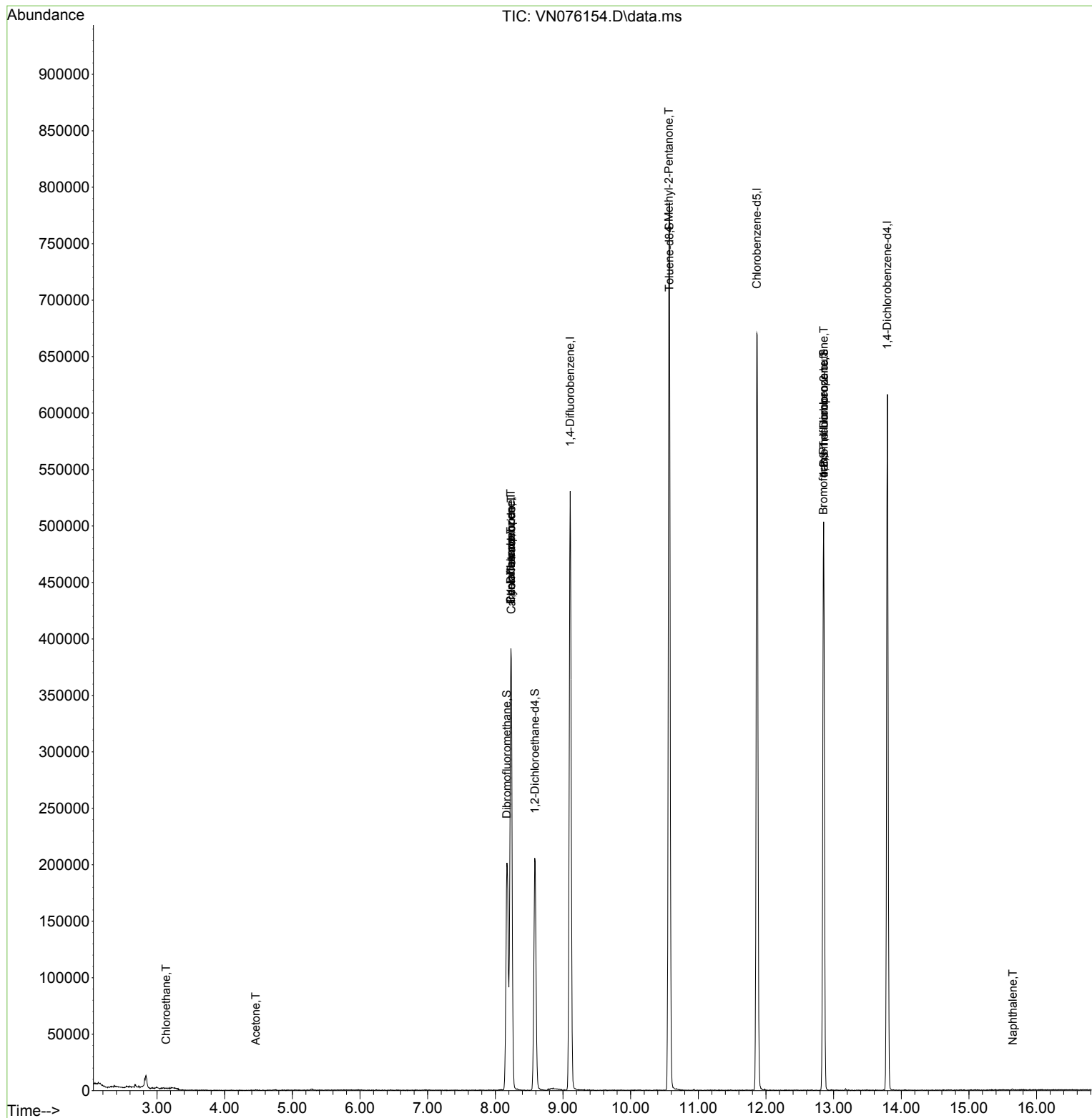
Internal Standards						
1) Pentafluorobenzene	8.230	168	303311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	478945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	410638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	165175	50.057	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	8.171	113	146782	49.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.980%			
50) Toluene-d8	10.571	98	554236	49.978	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.960%			
62) 4-Bromofluorobenzene	12.853	95	166525	45.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.680%			
Target Compounds			Qvalue			
6) Chloroethane	3.136	64	812	0.343	ug/l #	44
16) Acetone	4.459	43	474	0.417	ug/l #	39
20) Methylene Chloride	5.300	84	321	Below Cal	#	40
31) Cyclohexane	8.230	56	6259	1.324	ug/l #	45
36) 1,1-Dichloropropene	8.230	75	22005	5.585	ug/l #	50
38) Carbon Tetrachloride	8.235	117	30572	6.933	ug/l #	18
51) 4-Methyl-2-Pentanone	10.565	43	2428	0.769	ug/l #	1
71) Bromoform	12.847	173	1405	0.619	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	88357	26.388	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	88357	94.984	ug/l #	12
95) Naphthalene	15.647	128	1024	2.286	ug/l #	69

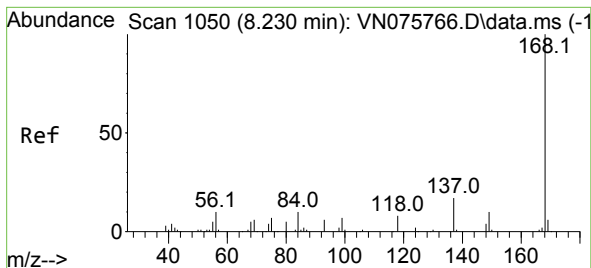
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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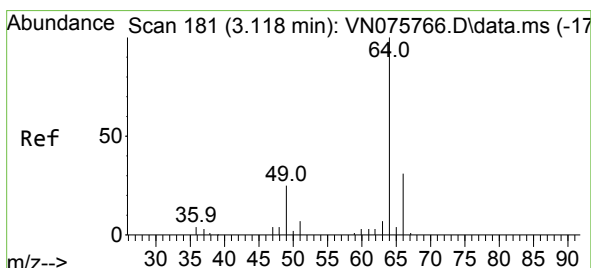
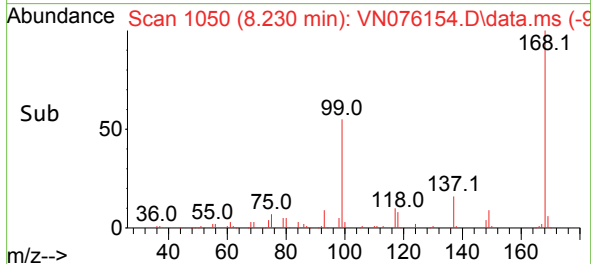
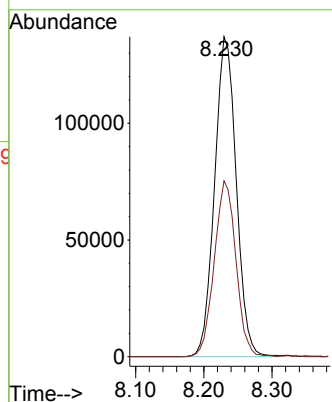
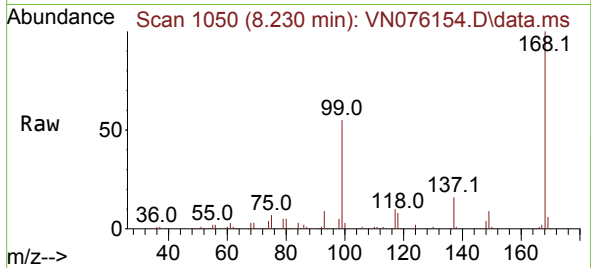




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076154.D
Acq: 09 Jan 2023 14:28

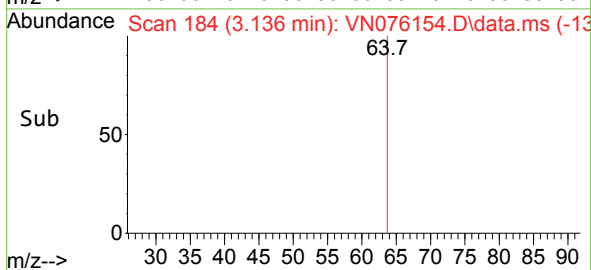
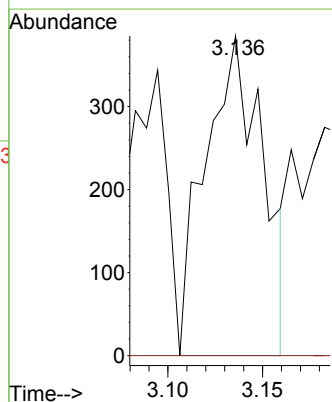
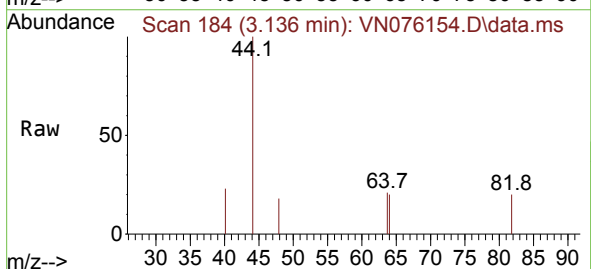
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

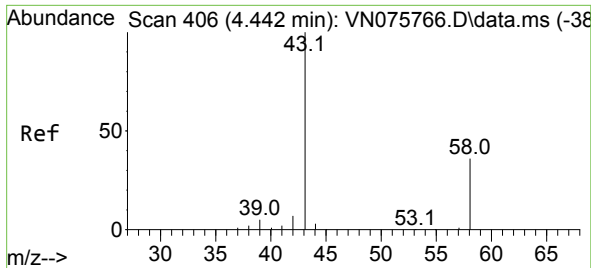
Tgt Ion:168 Resp: 303311
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#6
Chloroethane
Concen: 0.343 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.018 min
Lab File: VN076154.D
Acq: 09 Jan 2023 14:28

Tgt Ion: 64 Resp: 812
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#





#16

Acetone

Concen: 0.417 ug/l

RT: 4.459 min Scan# 409

Delta R.T. 0.018 min

Lab File: VN076154.D

Acq: 09 Jan 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

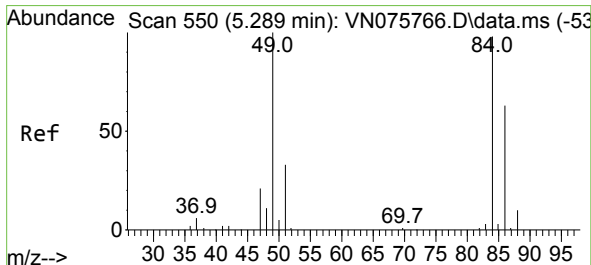
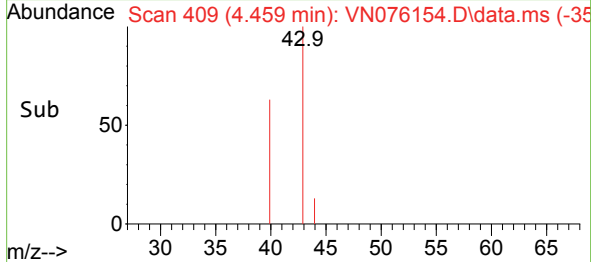
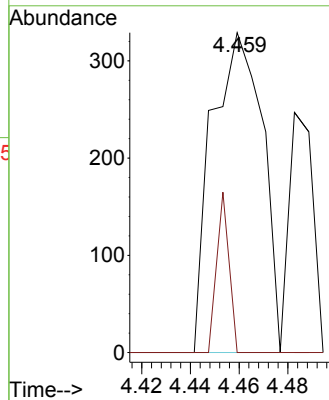
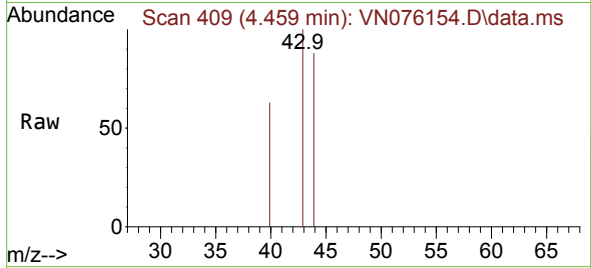
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

58 0.0 28.6 43.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.300 min Scan# 552

Delta R.T. 0.011 min

Lab File: VN076154.D

Acq: 09 Jan 2023 14:28

Tgt Ion: 84 Resp: 321

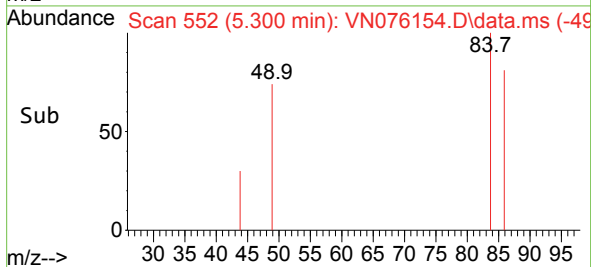
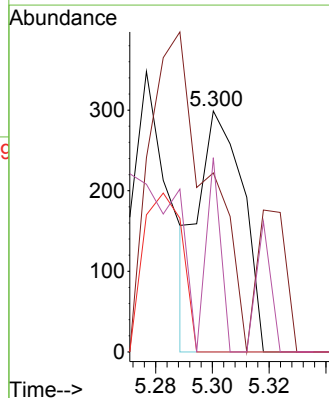
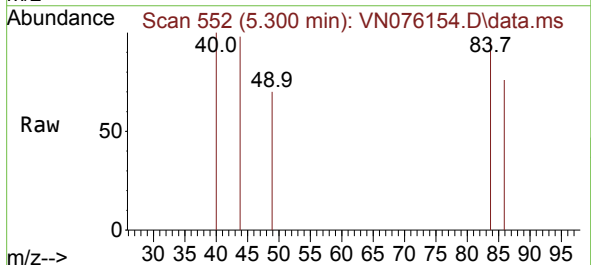
Ion Ratio Lower Upper

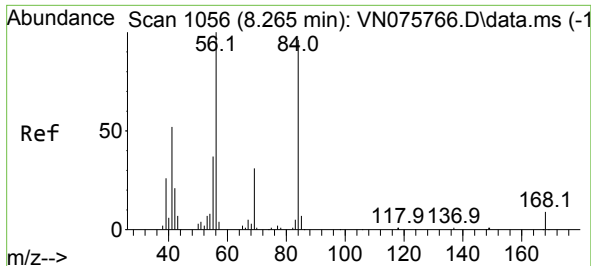
84 100

49 16.4 81.8 122.6#

51 0.0 26.7 40.1#

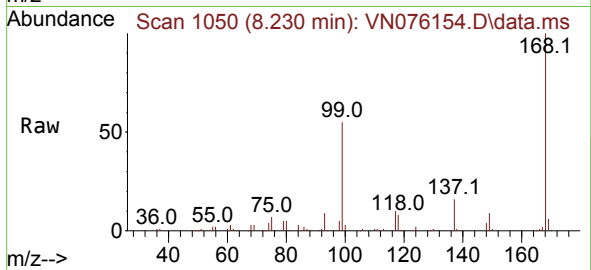
86 80.6 51.5 77.3#



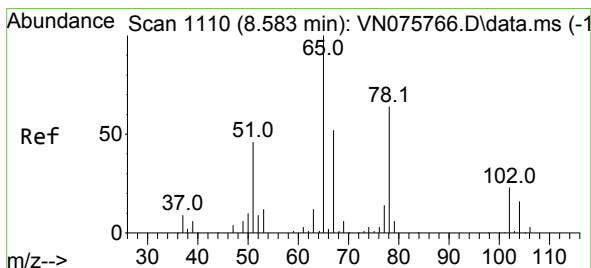
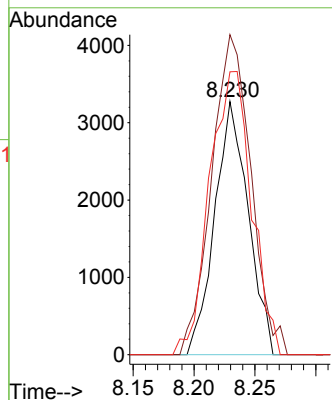
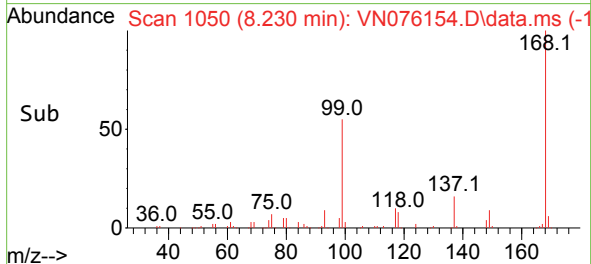


#31
Cyclohexane
Concen: 1.324 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076154.D
Acq: 09 Jan 2023 14:28

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

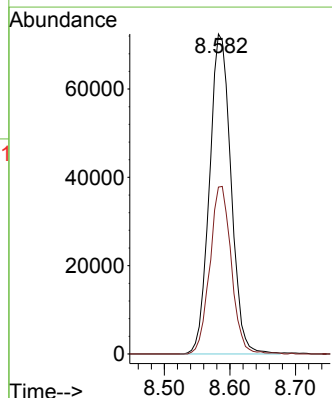
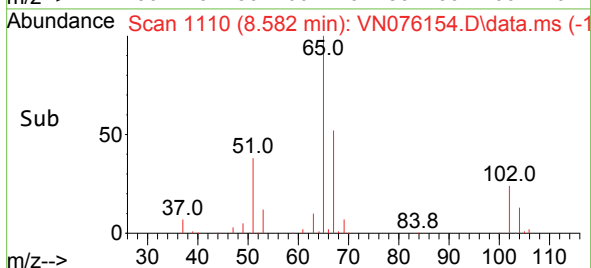
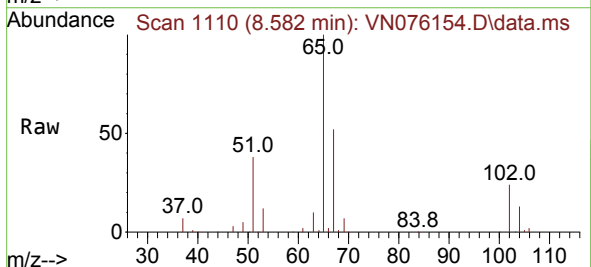


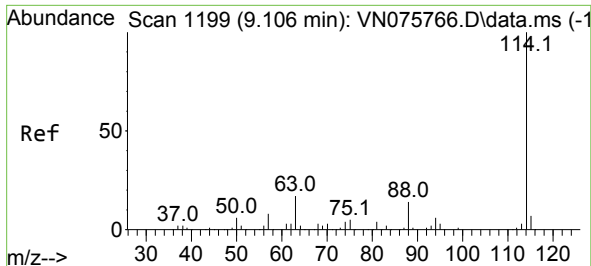
Tgt Ion: 56 Resp: 6259
Ion Ratio Lower Upper
56 100
69 126.4 24.7 37.1#
84 111.7 76.5 114.7



#33
1,2-Dichloroethane-d4
Concen: 50.057 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076154.D
Acq: 09 Jan 2023 14:28

Tgt Ion: 65 Resp: 165175
Ion Ratio Lower Upper
65 100
67 52.2 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: VN076154.D

Acq: 09 Jan 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

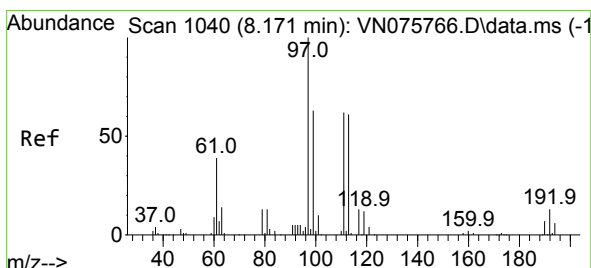
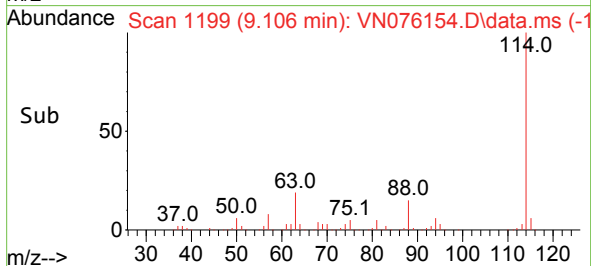
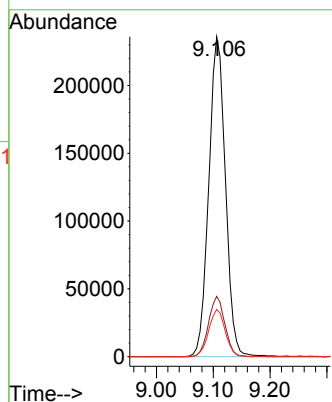
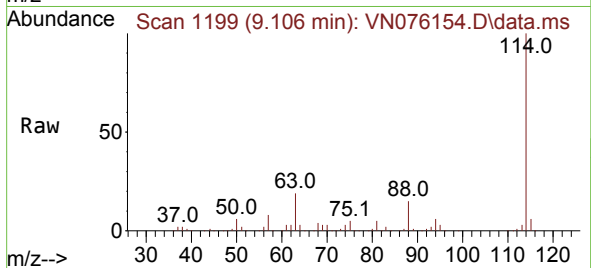
Tgt Ion:114 Resp: 478945

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.4

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.488 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076154.D

Acq: 09 Jan 2023 14:28

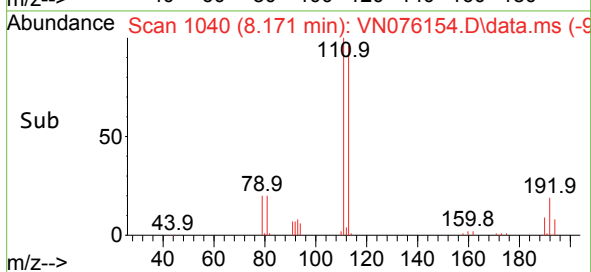
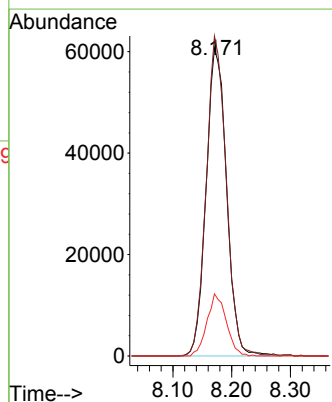
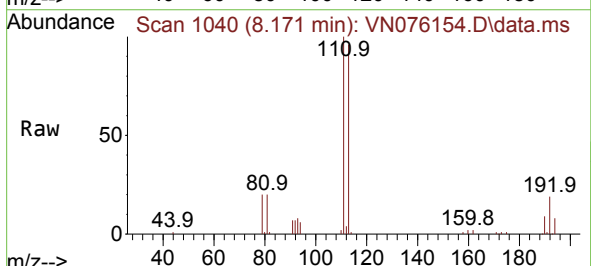
Tgt Ion:113 Resp: 146782

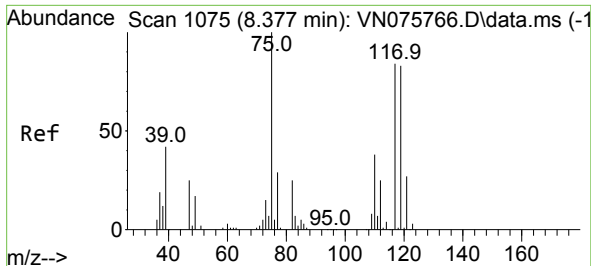
Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

192 19.1 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.585 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076154.D

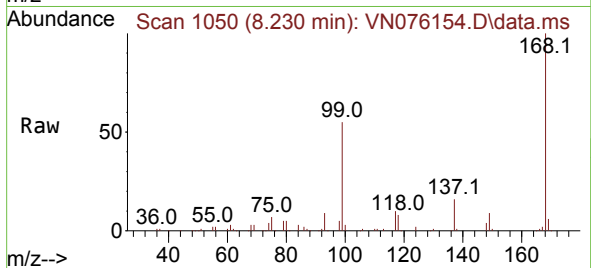
Acq: 09 Jan 2023 14:28

Instrument :

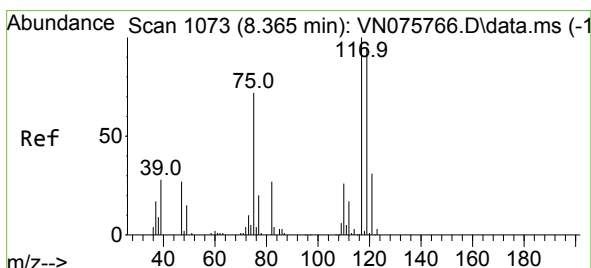
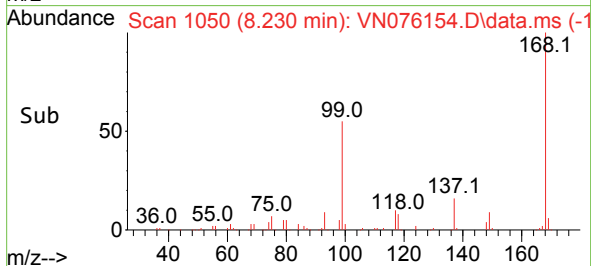
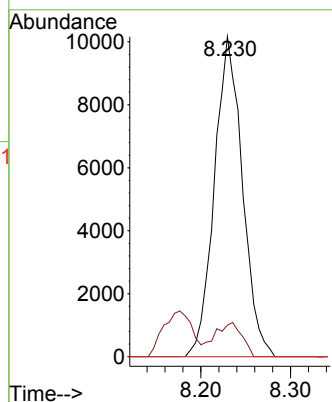
MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:	75	Resp:	22005
Ion Ratio	Lower	Upper	
75	100		
110	10.5	18.8	56.4#
77	0.0	24.1	36.1#



#38

Carbon Tetrachloride

Concen: 6.933 ug/l

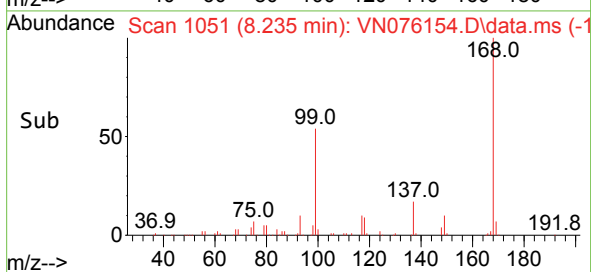
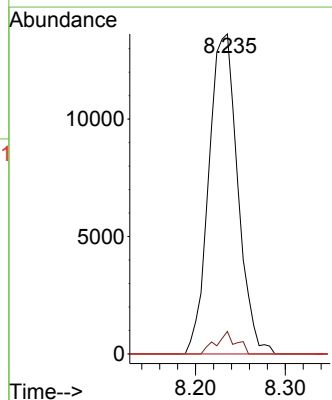
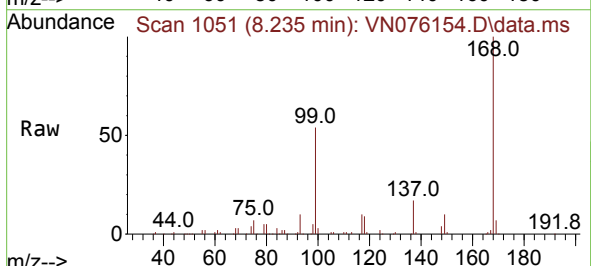
RT: 8.235 min Scan# 1051

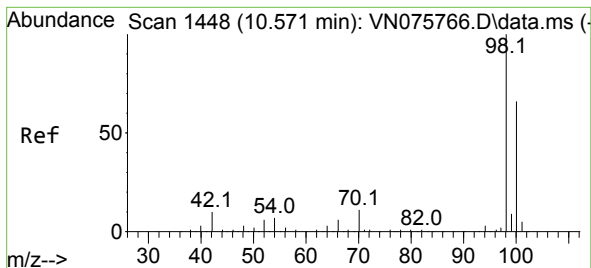
Delta R.T. -0.129 min

Lab File: VN076154.D

Acq: 09 Jan 2023 14:28

Tgt Ion:	117	Resp:	30572
Ion Ratio	Lower	Upper	
117	100		
119	7.0	76.1	114.1#
121	0.0	24.5	36.7#





#50

Toluene-d8

Concen: 49.978 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076154.D

Acq: 09 Jan 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

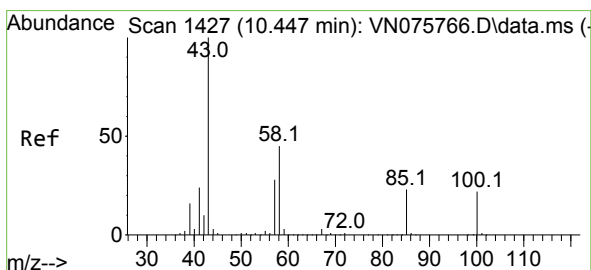
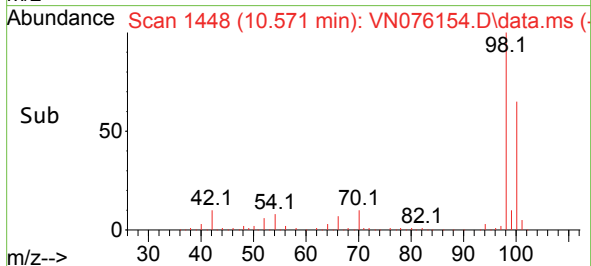
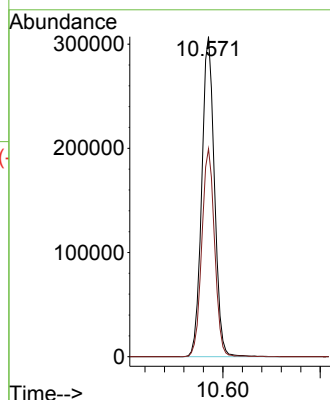
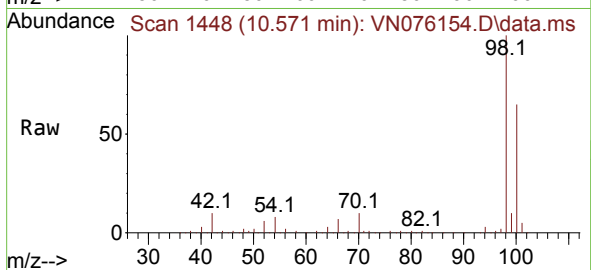
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 554236

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1



#51

4-Methyl-2-Pentanone

Concen: 0.769 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. 0.118 min

Lab File: VN076154.D

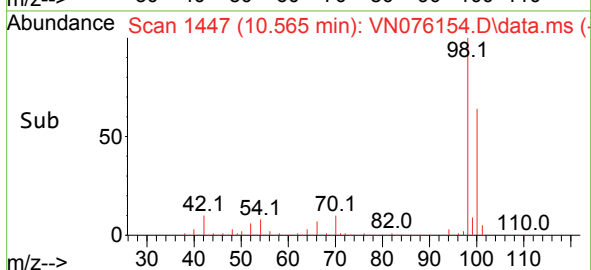
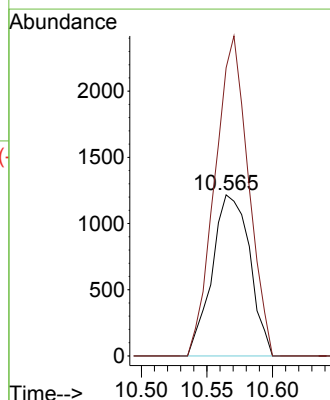
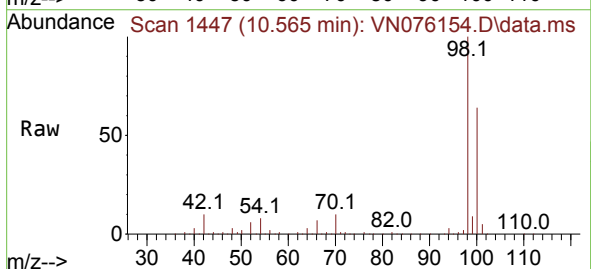
Acq: 09 Jan 2023 14:28

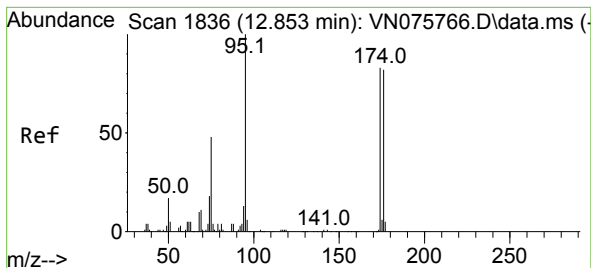
Tgt Ion: 43 Resp: 2428

Ion Ratio Lower Upper

43 100

58 176.9 35.5 53.3#

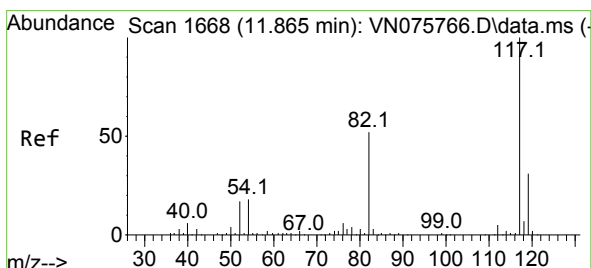
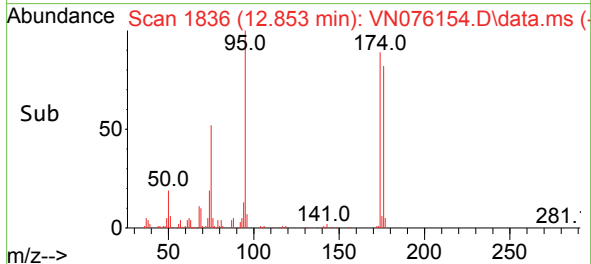
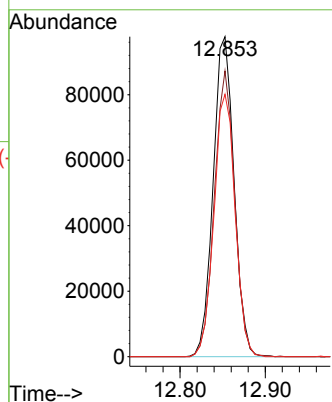
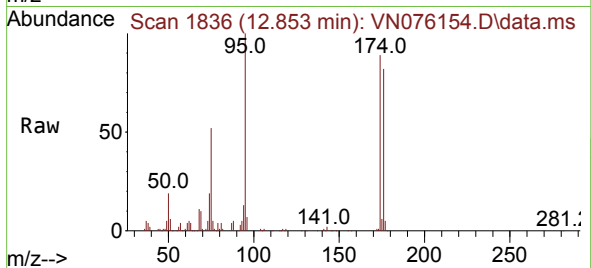




#62
4-Bromofluorobenzene
Concen: 45.337 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076154.D
Acq: 09 Jan 2023 14:28

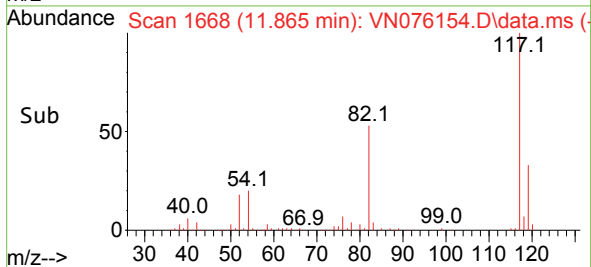
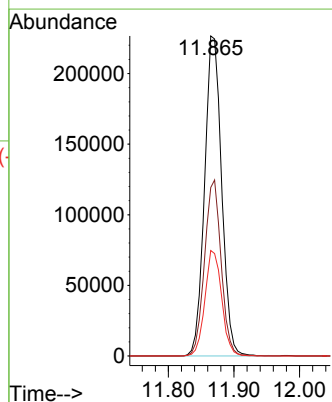
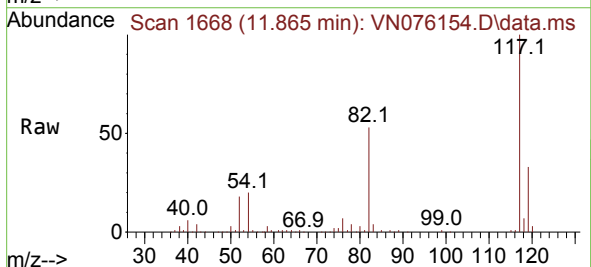
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

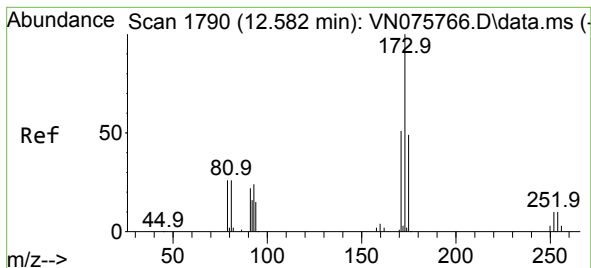
Tgt Ion: 95 Resp: 166525
Ion Ratio Lower Upper
95 100
174 87.0 0.0 171.6
176 83.3 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076154.D
Acq: 09 Jan 2023 14:28

Tgt Ion: 117 Resp: 410638
Ion Ratio Lower Upper
117 100
82 52.7 41.3 61.9
119 32.9 24.6 37.0





#71

Bromoform

Concen: 0.619 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN076154.D

Acq: 09 Jan 2023 14:28

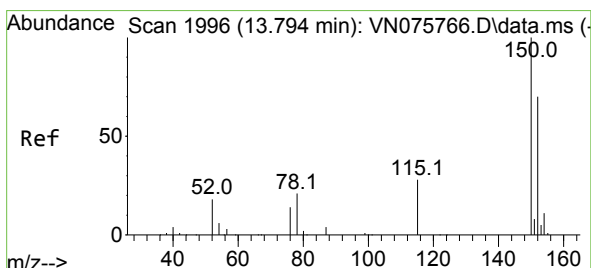
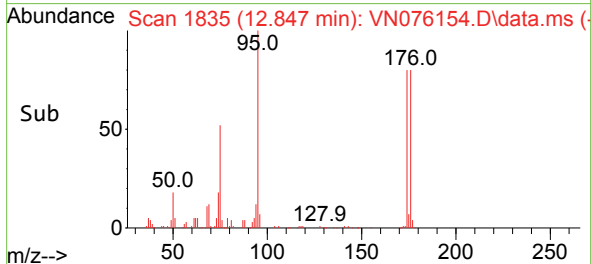
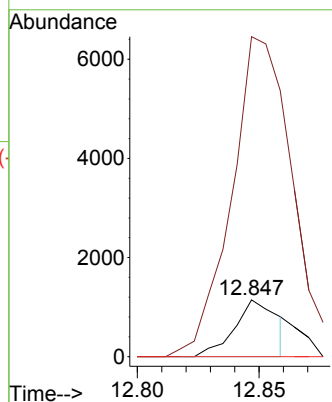
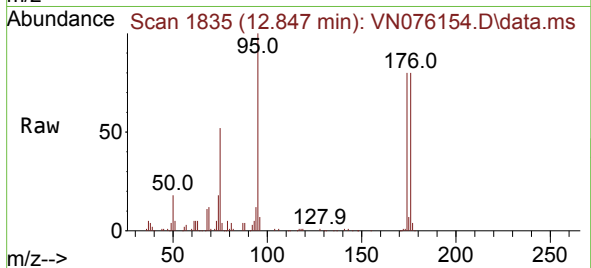
Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:173 Resp: 1405
 Ion Ratio Lower Upper
 173 100
 175 650.3 24.3 72.8#
 254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

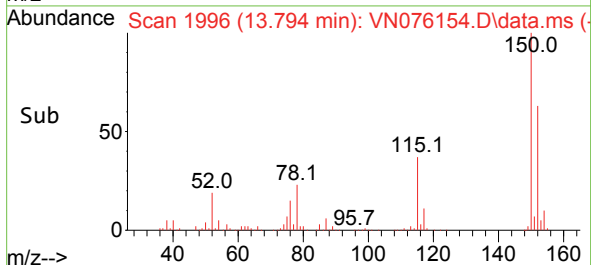
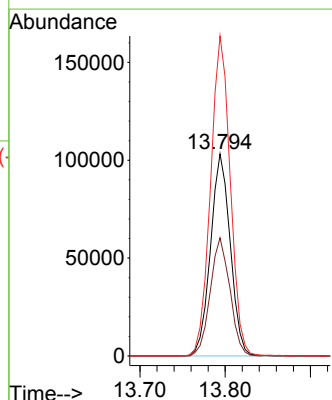
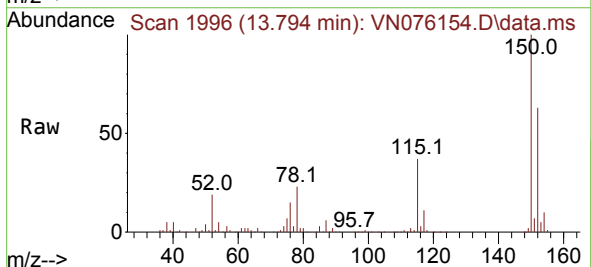
RT: 13.794 min Scan# 1996

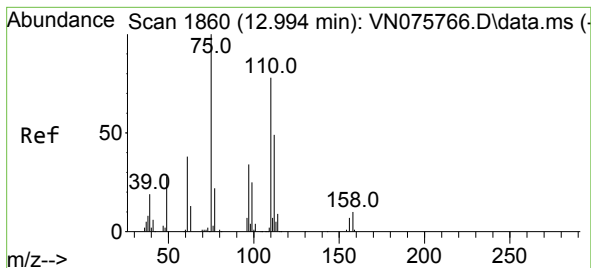
Delta R.T. -0.000 min

Lab File: VN076154.D

Acq: 09 Jan 2023 14:28

Tgt Ion:152 Resp: 166109
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.1 87.4
 150 157.9 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 26.388 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076154.D

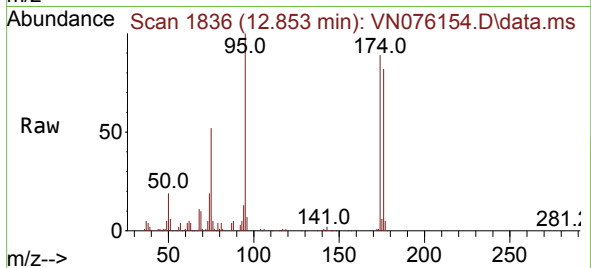
Acq: 09 Jan 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

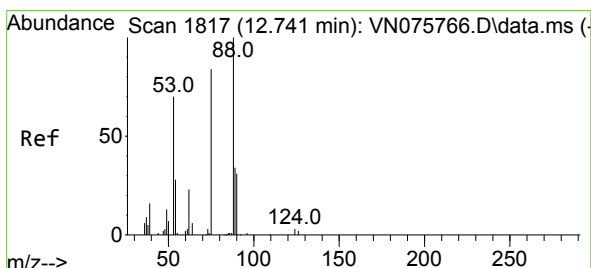
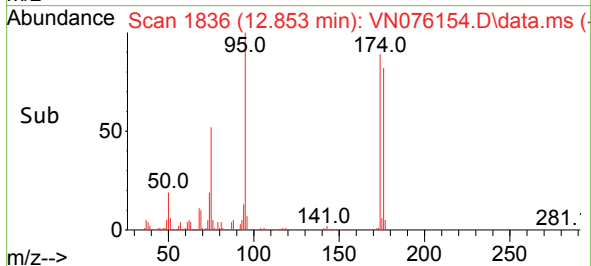
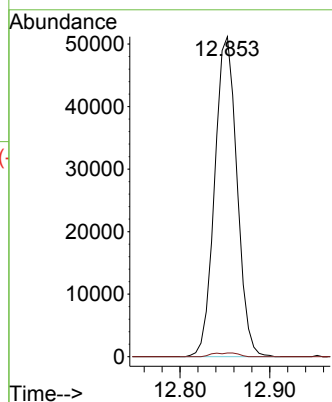


Tgt Ion: 75 Resp: 88357

Ion Ratio Lower Upper

75 100

77 1.4 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.984 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076154.D

Acq: 09 Jan 2023 14:28

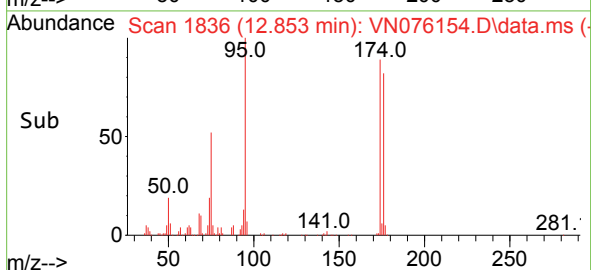
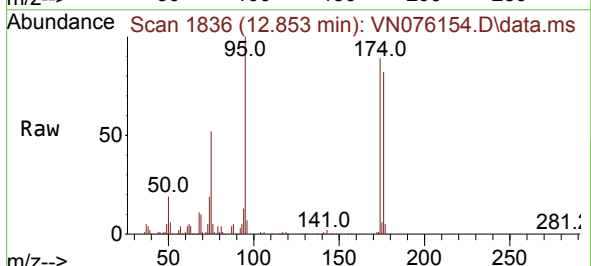
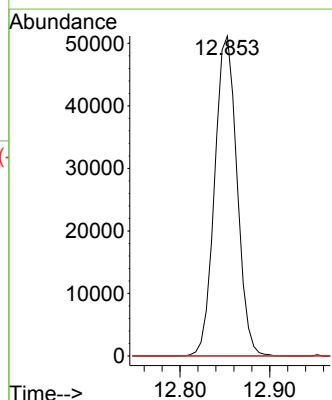
Tgt Ion: 75 Resp: 88357

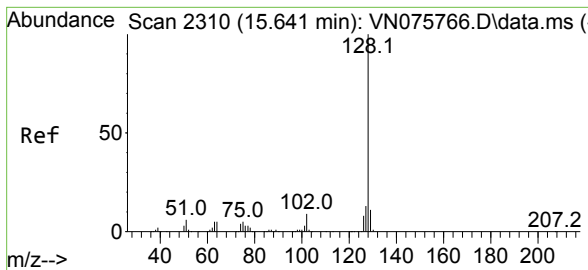
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

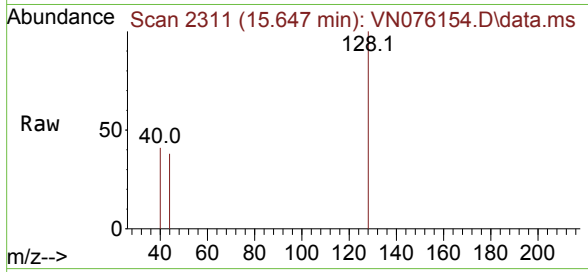
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.286 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076154.D
Acq: 09 Jan 2023 14:28

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



Tgt Ion:	128	Resp:	1024
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

