

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076437.D
 Acq On : 27 Jan 2023 14:11
 Operator : JC\MD
 Sample : 01332-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jan 27 22:37:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

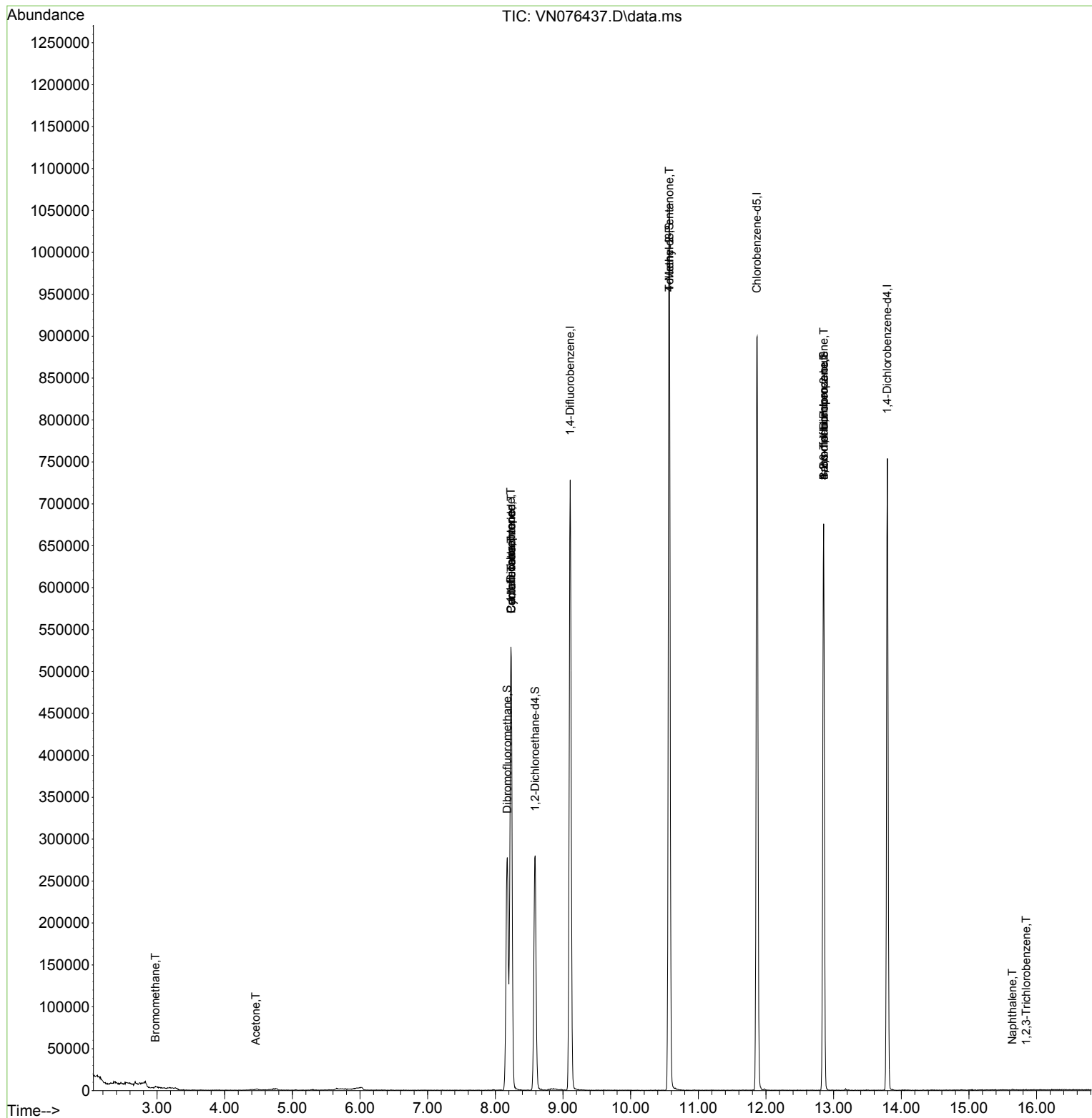
Internal Standards						
1) Pentafluorobenzene	8.235	168	395853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	645983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	555093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	237738	53.638	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.280%	
35) Dibromofluoromethane	8.177	113	201794	49.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.880%	
50) Toluene-d8	10.571	98	743785	49.840	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.680%	
62) 4-Bromofluorobenzene	12.853	95	223071	45.788	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	1258	0.298	ug/l #	46
16) Acetone	4.459	43	987	0.621	ug/l #	41
20) Methylene Chloride	5.283	84	431	Below Cal	#	83
31) Cyclohexane	8.235	56	8014	1.177	ug/l #	15
36) 1,1-Dichloropropene	8.230	75	31839	5.545	ug/l #	48
38) Carbon Tetrachloride	8.235	117	40739	6.362	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	3124	0.710	ug/l #	1
71) Bromoform	12.853	173	1496	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	119449	31.796	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	119449	97.421	ug/l #	11
95) Naphthalene	15.641	128	1104	1.939	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.847	180	55	1.170	ug/l #	1

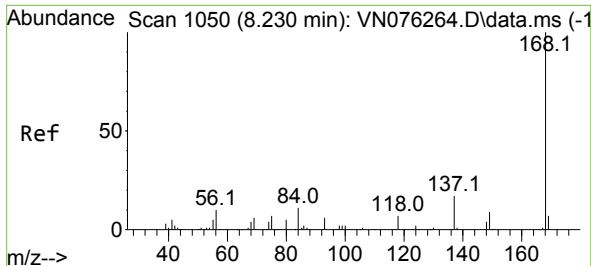
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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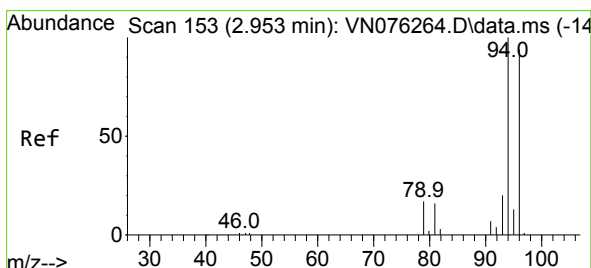
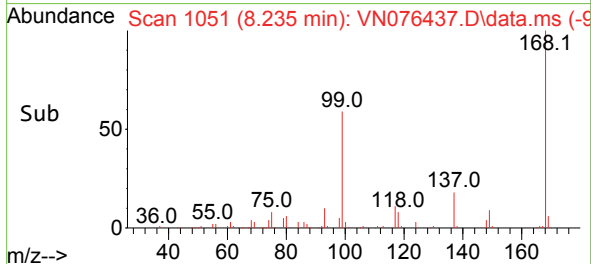
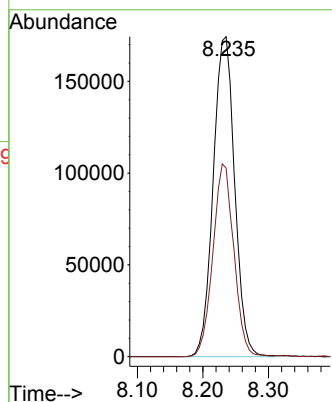
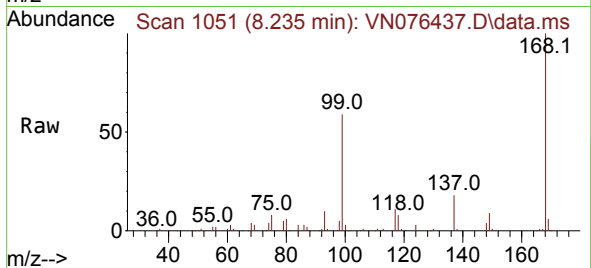




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

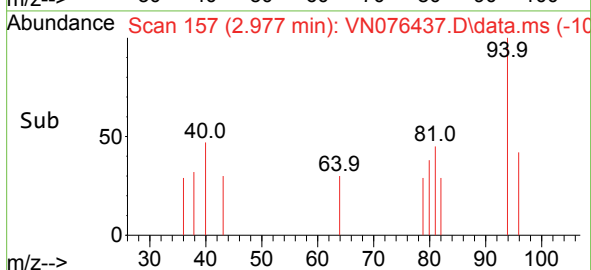
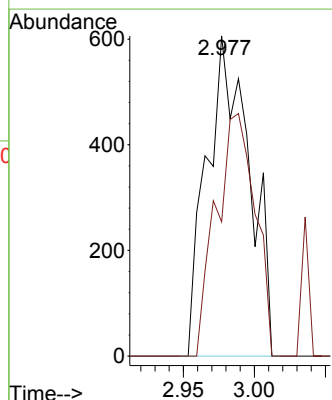
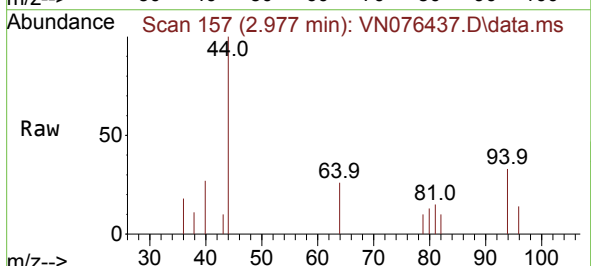
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

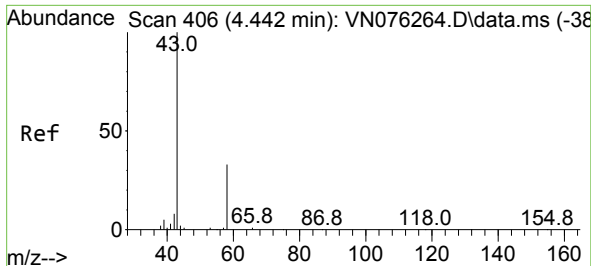
Tgt Ion:168 Resp: 395853
Ion Ratio Lower Upper
168 100
99 58.9 41.6 62.4



#5
Bromomethane
Concen: 0.298 ug/l
RT: 2.977 min Scan# 157
Delta R.T. 0.024 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

Tgt Ion: 94 Resp: 1258
Ion Ratio Lower Upper
94 100
96 41.9 75.1 112.7#





#16

Acetone

Concen: 0.621 ug/l

RT: 4.459 min Scan# 406

Delta R.T. 0.017 min

Lab File: VN076437.D

Acq: 27 Jan 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

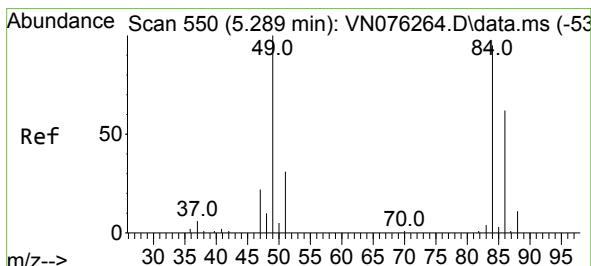
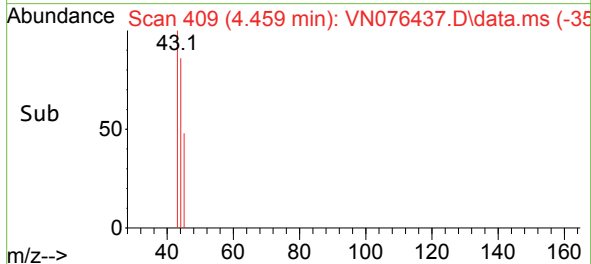
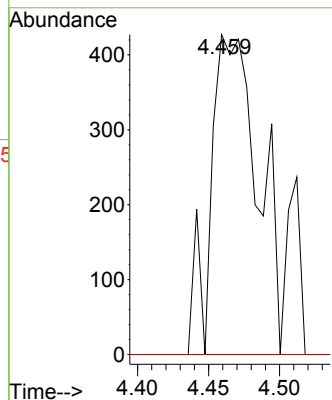
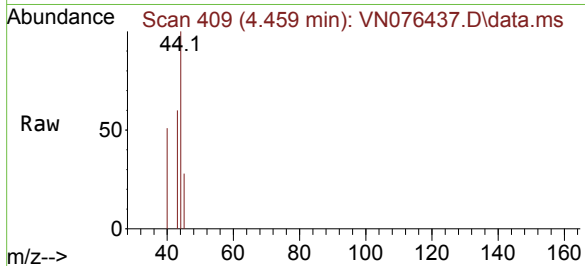
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 987

Ion Ratio Lower Upper

43 100

58 0.0 26.7 40.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.283 min Scan# 549

Delta R.T. -0.006 min

Lab File: VN076437.D

Acq: 27 Jan 2023 14:11

Tgt Ion: 84 Resp: 431

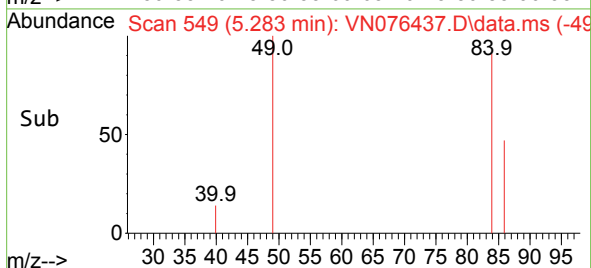
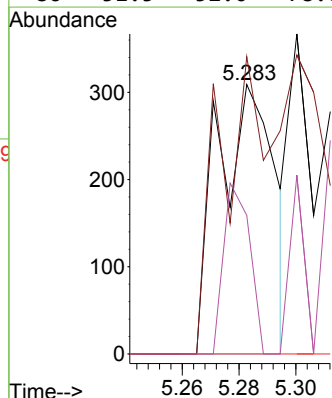
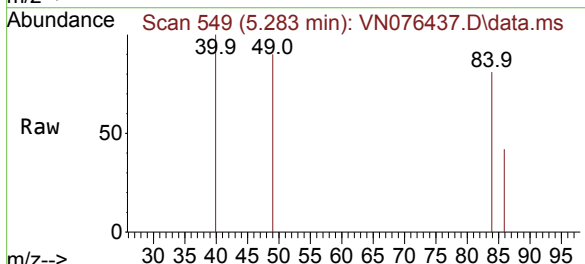
Ion Ratio Lower Upper

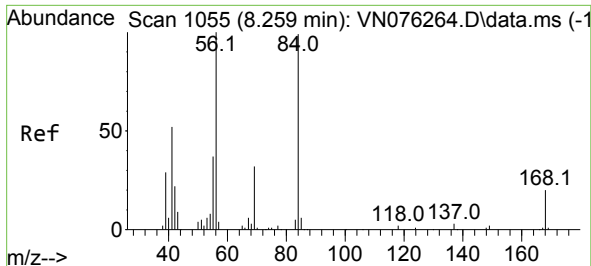
84 100

49 110.4 84.5 126.7

51 0.0 26.0 39.0#

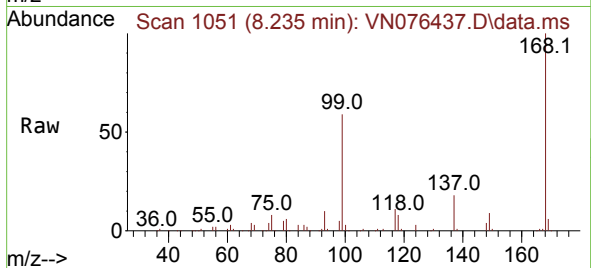
86 51.5 52.0 78.0#



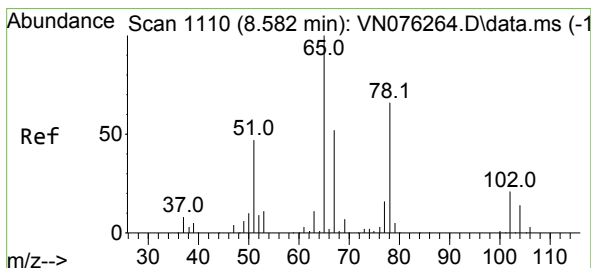
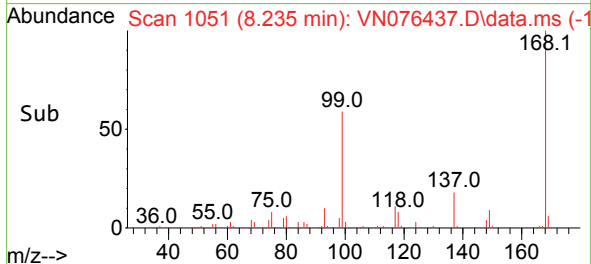
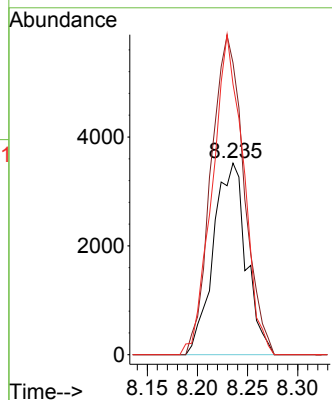


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 8.235 min Scan# 1055
Delta R.T. -0.024 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

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

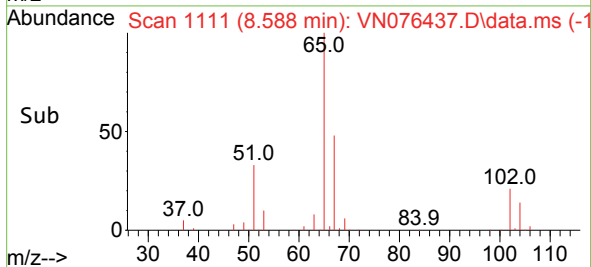
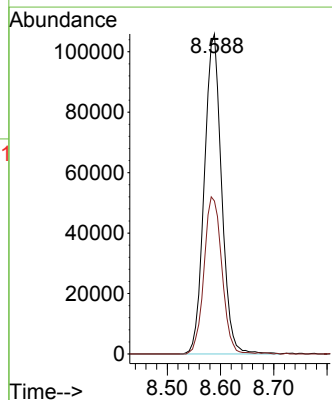
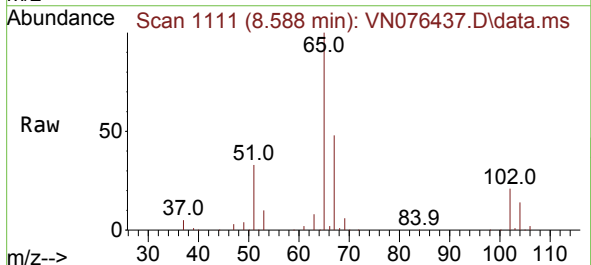


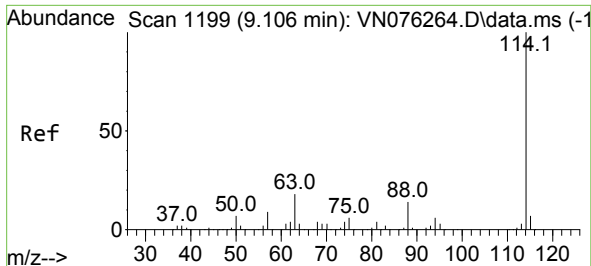
Tgt Ion: 56 Resp: 8014
Ion Ratio Lower Upper
56 100
69 152.4 25.8 38.8#
84 141.3 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 53.638 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

Tgt Ion: 65 Resp: 237738
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076437.D

Acq: 27 Jan 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

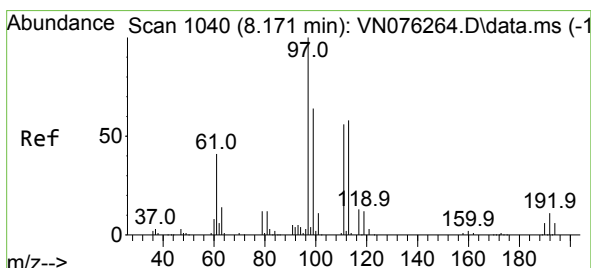
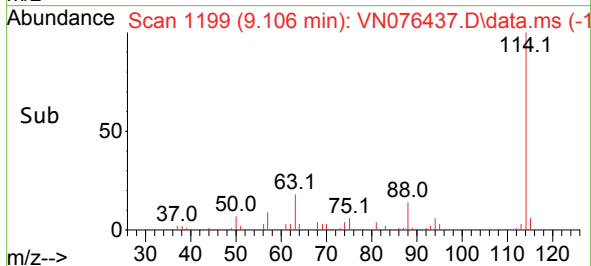
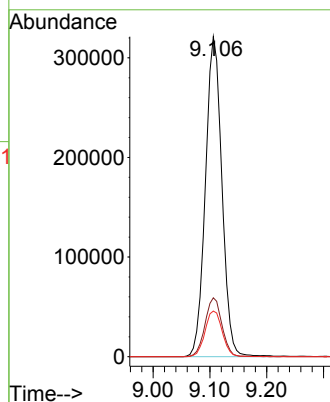
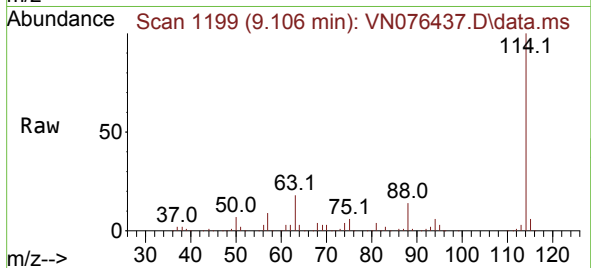
Tgt Ion:114 Resp: 645983

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 14.3 0.0 28.0



#35

Dibromofluoromethane

Concen: 49.938 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076437.D

Acq: 27 Jan 2023 14:11

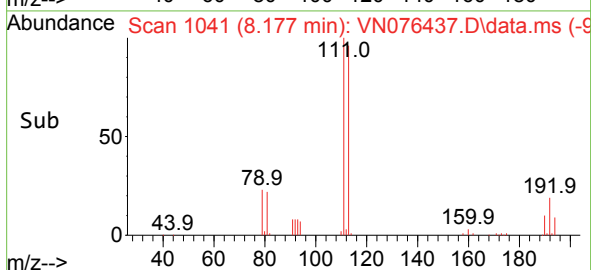
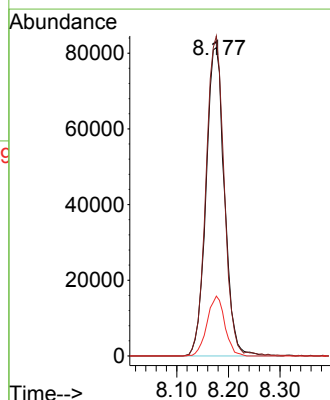
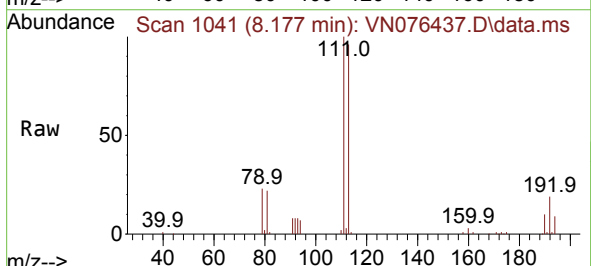
Tgt Ion:113 Resp: 201794

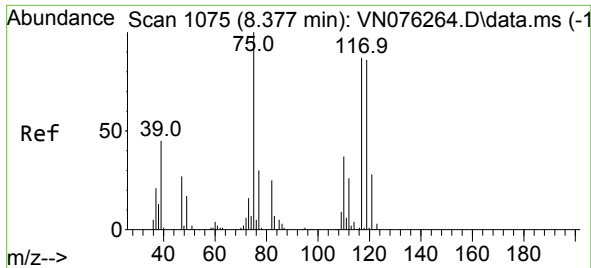
Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

192 18.7 15.6 23.4

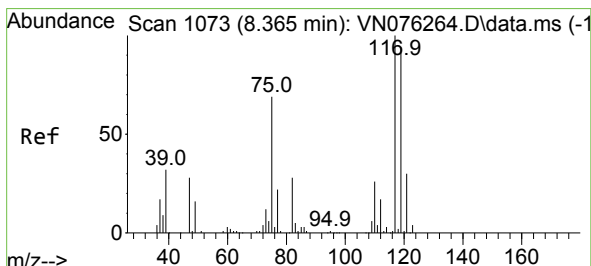
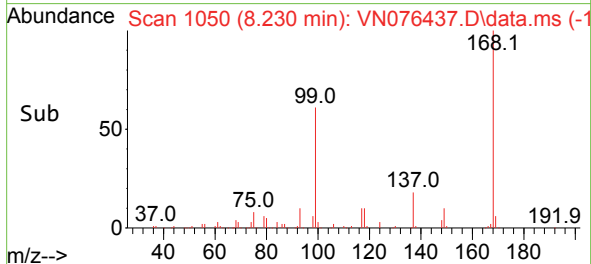
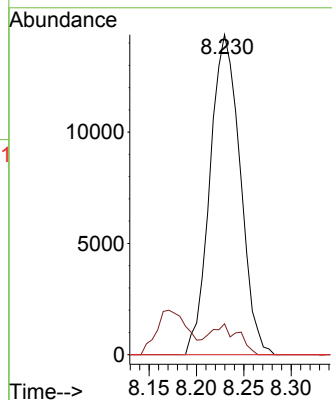
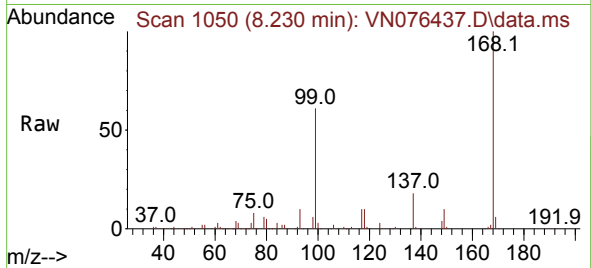




#36
 1,1-Dichloropropene
 Concen: 5.545 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.147 min
 Lab File: VN076437.D
 Acq: 27 Jan 2023 14:11

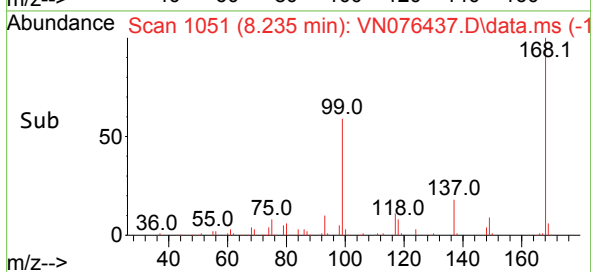
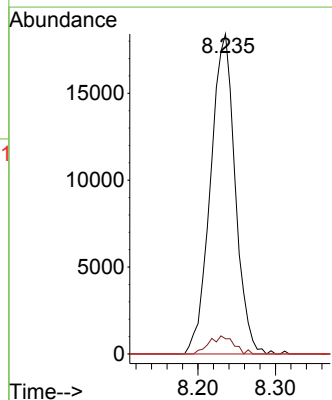
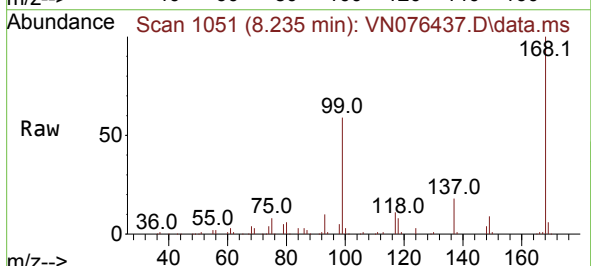
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

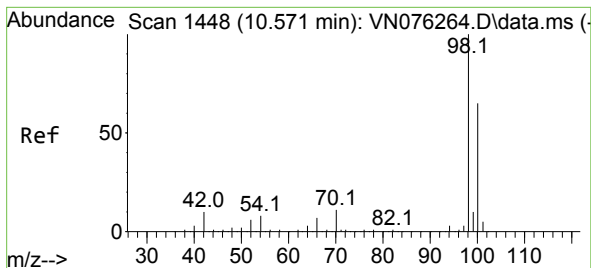
Tgt Ion: 75 Resp: 31839
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.8 56.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.362 ug/l
 RT: 8.235 min Scan# 1051
 Delta R.T. -0.130 min
 Lab File: VN076437.D
 Acq: 27 Jan 2023 14:11

Tgt Ion: 117 Resp: 40739
 Ion Ratio Lower Upper
 117 100
 119 4.7 75.4 113.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 49.840 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076437.D

Acq: 27 Jan 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

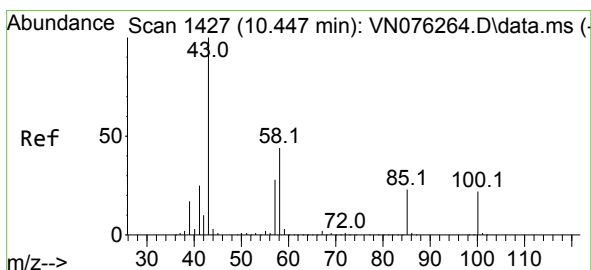
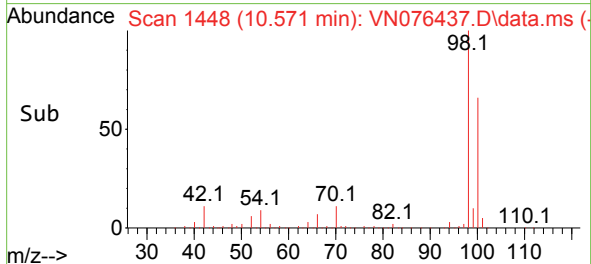
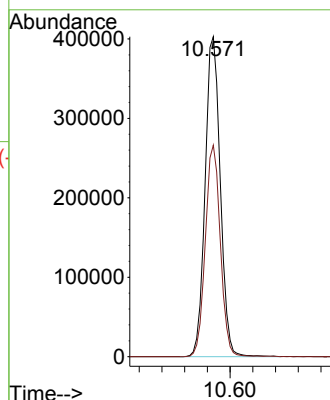
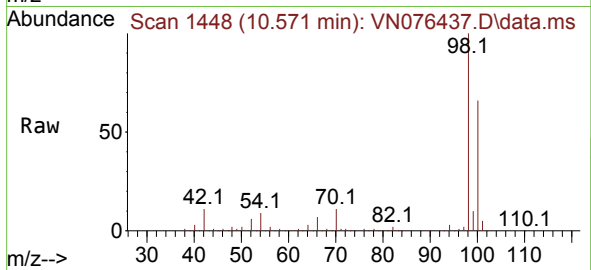
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 743785

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 0.710 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.124 min

Lab File: VN076437.D

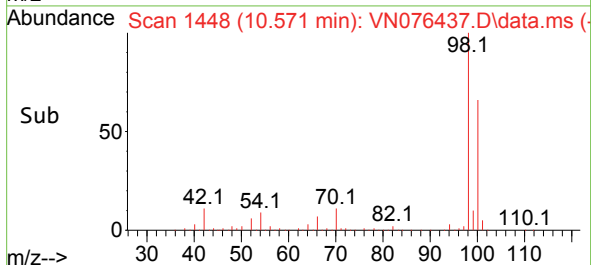
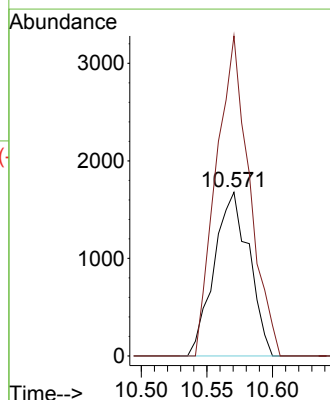
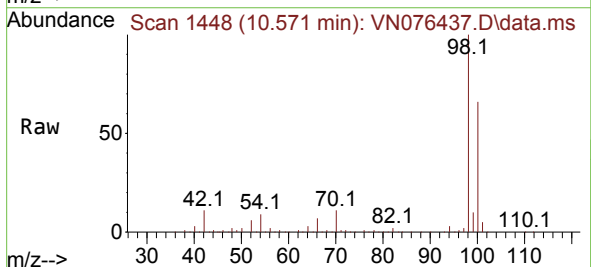
Acq: 27 Jan 2023 14:11

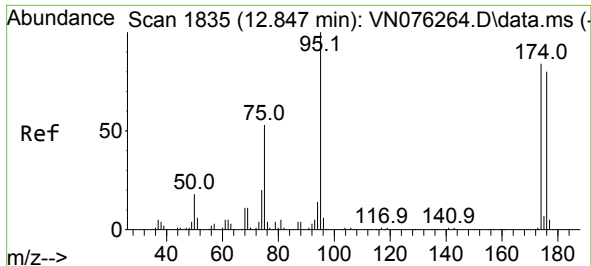
Tgt Ion: 43 Resp: 3124

Ion Ratio Lower Upper

43 100

58 185.1 35.1 52.7#

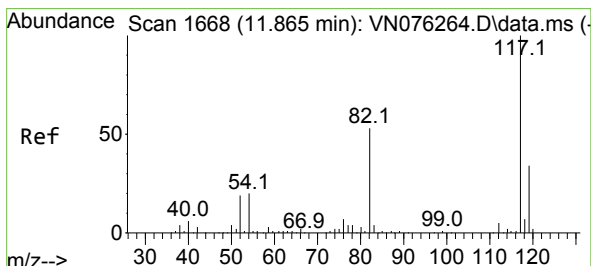
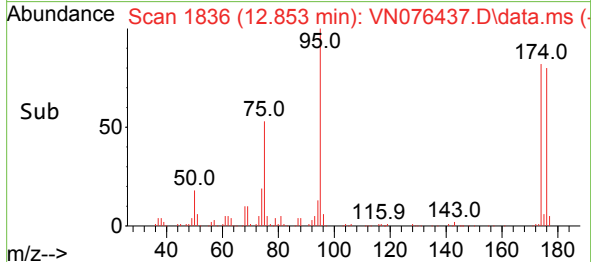
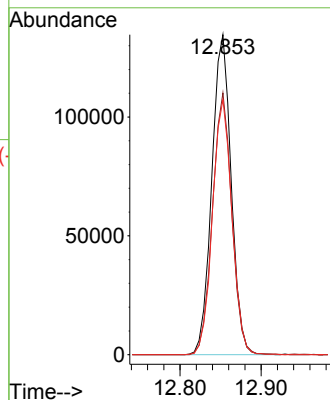
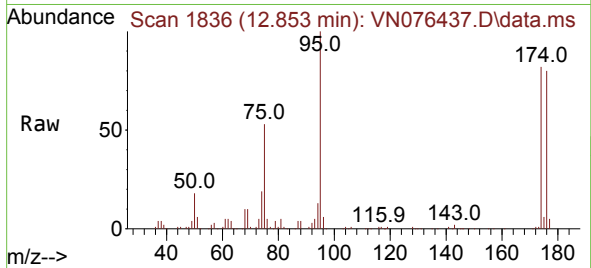




#62
4-Bromofluorobenzene
Concen: 45.788 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

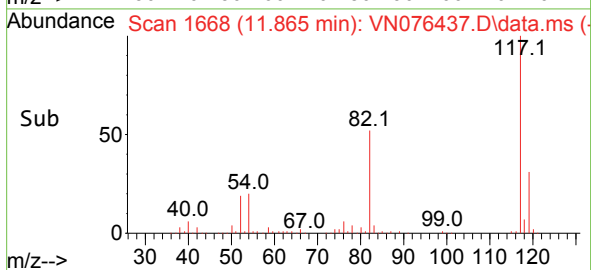
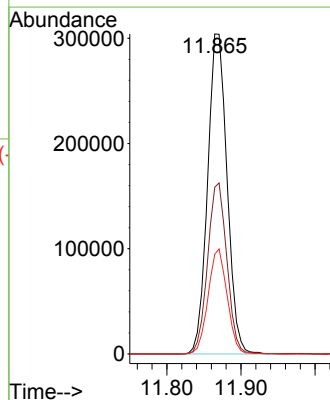
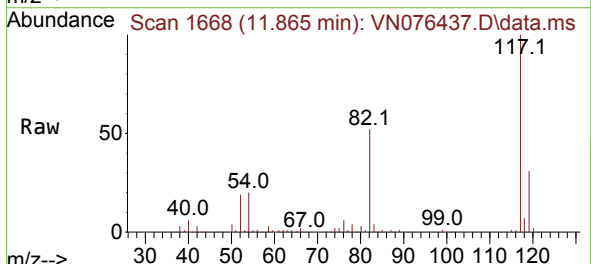
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

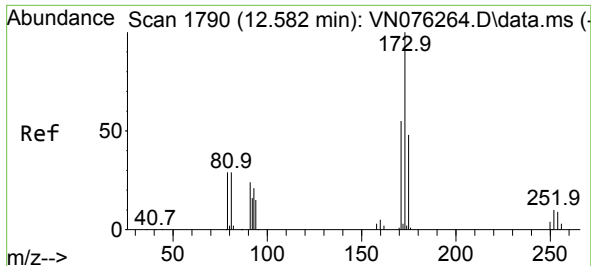
Tgt Ion: 95 Resp: 223071
Ion Ratio Lower Upper
95 100
174 81.5 0.0 174.6
176 80.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

Tgt Ion: 117 Resp: 555093
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 31.1 26.9 40.3

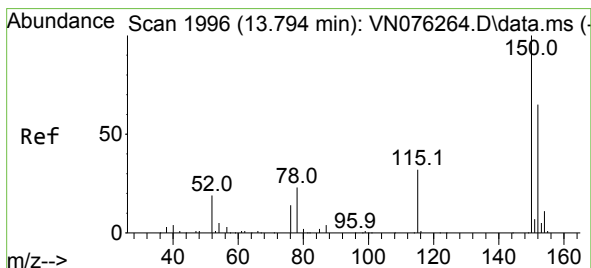
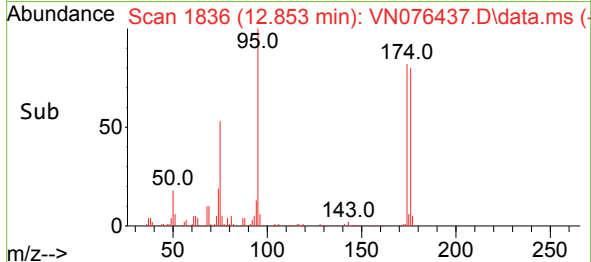
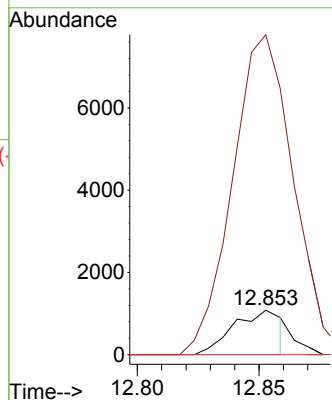
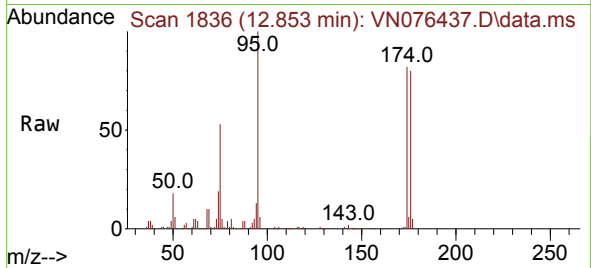




#71
Bromoform
Concen: 0.474 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

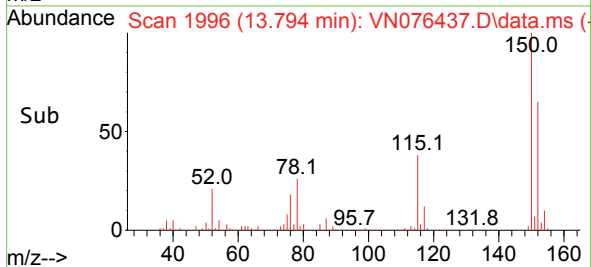
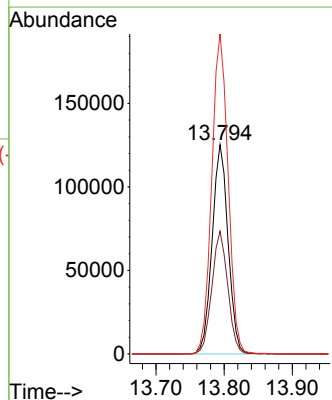
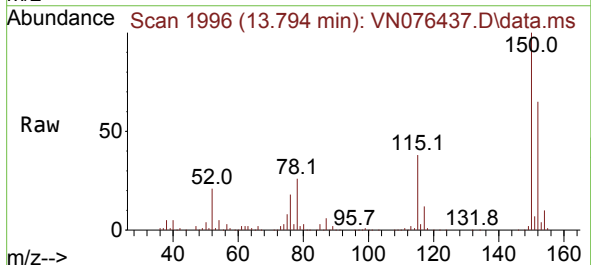
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

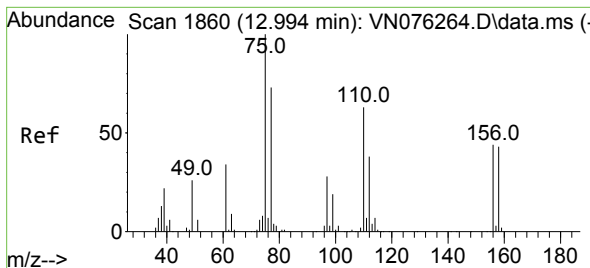
Tgt Ion:173 Resp: 1496
Ion Ratio Lower Upper
173 100
175 728.1 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

Tgt Ion:152 Resp: 204005
Ion Ratio Lower Upper
152 100
115 58.6 29.6 88.9
150 156.8 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 31.796 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076437.D

Acq: 27 Jan 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

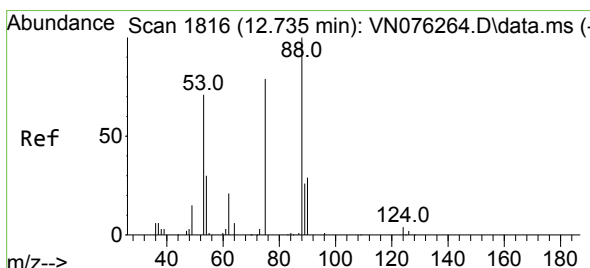
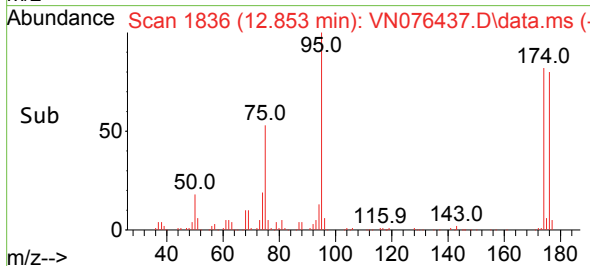
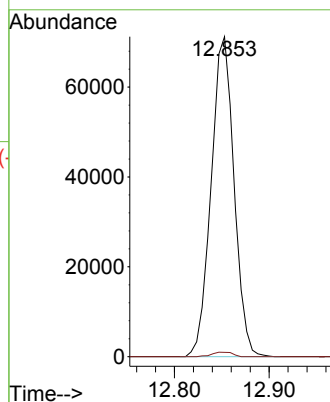
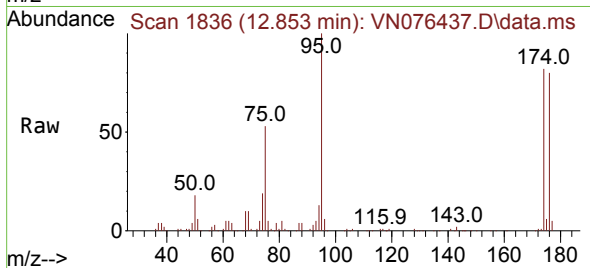
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 119449

Ion Ratio Lower Upper

75 100

77 1.3 75.2 225.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.421 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.118 min

Lab File: VN076437.D

Acq: 27 Jan 2023 14:11

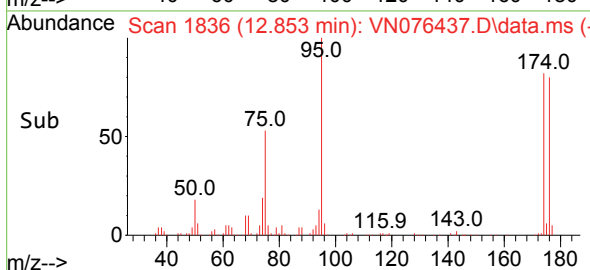
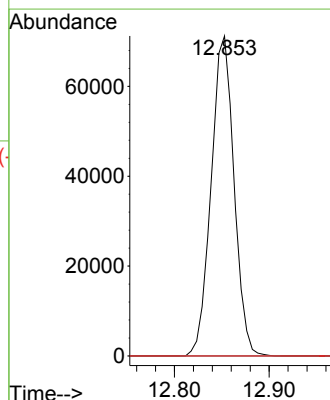
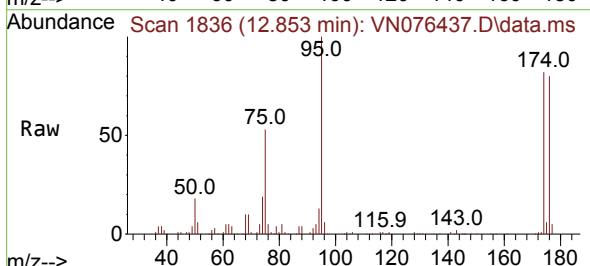
Tgt Ion: 75 Resp: 119449

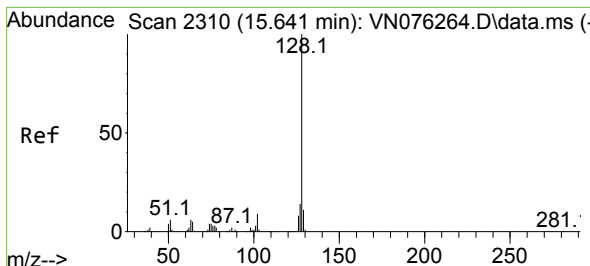
Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 1.939 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076437.D

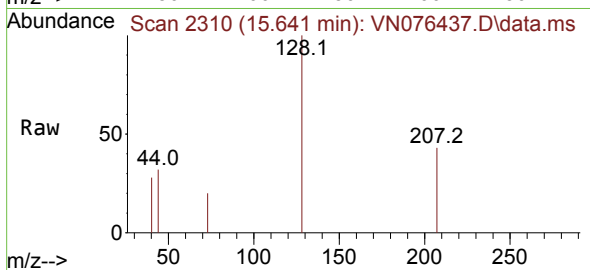
Acq: 27 Jan 2023 14:11

Instrument :

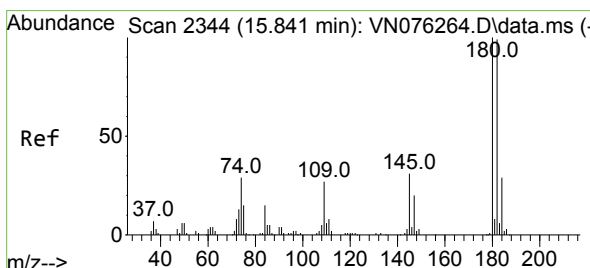
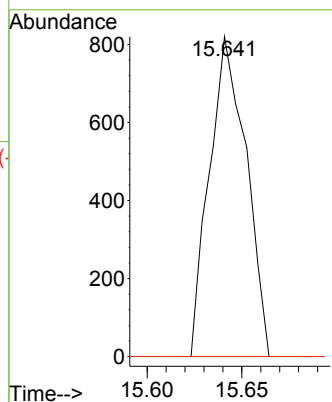
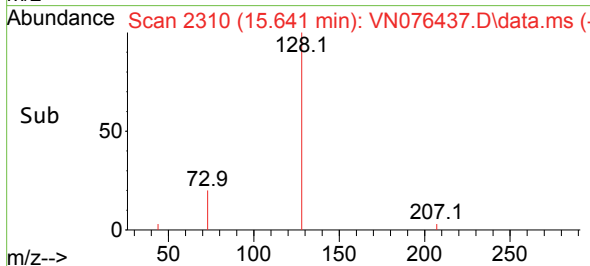
MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:	128	Resp:	1104
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#



#96

1,2,3-Trichlorobenzene

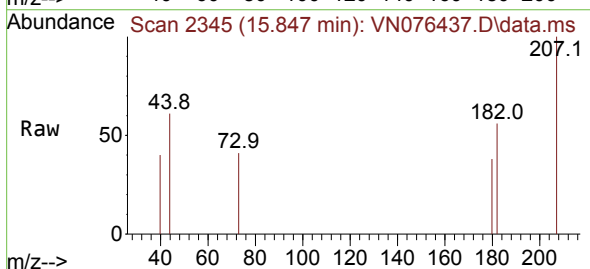
Concen: 1.170 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076437.D

Acq: 27 Jan 2023 14:11



Tgt Ion:	180	Resp:	55
Ion	Ratio	Lower	Upper
180	100		
182	503.6	47.5	142.5#
145	0.0	15.9	47.6#

