

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076346.D
 Acq On : 20 Jan 2023 14:25
 Operator : JC\MD
 Sample : 01248-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jan 20 22:15:59 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)

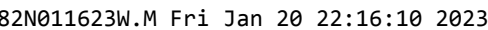
Internal Standards						
1) Pentafluorobenzene	8.229	168	399883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	631812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	548918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207633	50.000	ug/l	0.00

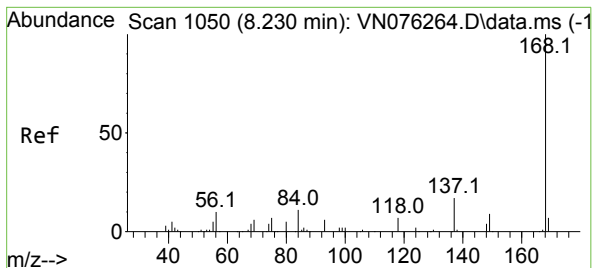
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	210358	46.982	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.960%
35) Dibromofluoromethane	8.171	113	188918	47.800	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	10.571	98	723960	49.600	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.853	95	220919	46.363	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.720%

Target Compounds			Qvalue			
16) Acetone	4.459	43	1808	1.187	ug/l	98
20) Methylene Chloride	5.283	84	2038	Below Cal	#	79
25) 2-Butanone	7.494	43	585	0.267	ug/l #	40
31) Cyclohexane	8.229	56	8005	1.164	ug/l #	2
36) 1,1-Dichloropropene	8.229	75	30108	5.361	ug/l #	50
37) Ethyl Acetate	7.565	43	776	0.209	ug/l #	76
38) Carbon Tetrachloride	8.235	117	40088	6.401	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	2688	0.625	ug/l #	1
71) Bromoform	12.847	173	1237	0.397	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	116096	30.319	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	116096	93.031	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.394	180	59	1.321	ug/l #	1
95) Naphthalene	15.647	128	1696	1.990	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.835	180	71	1.174	ug/l #	1

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

Quant Time: Jan 20 22:15:59 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

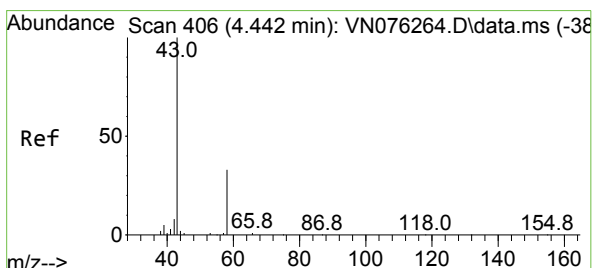
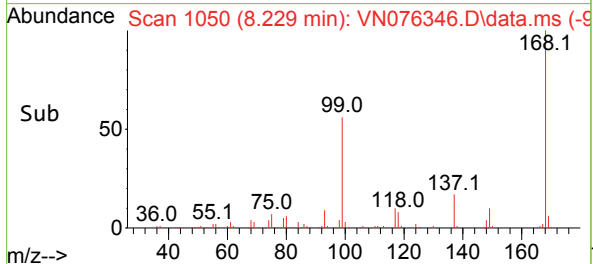
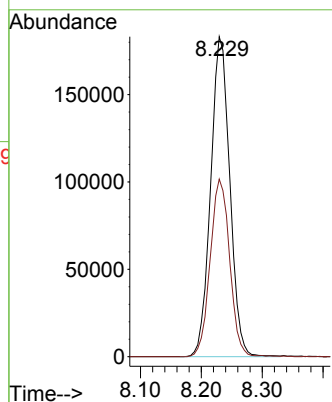
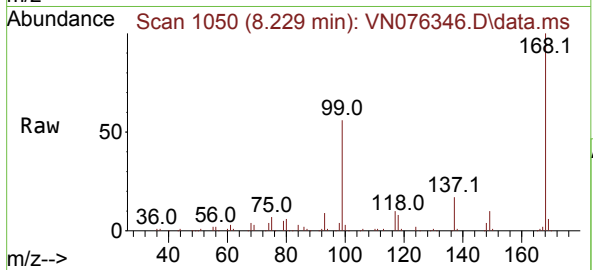




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

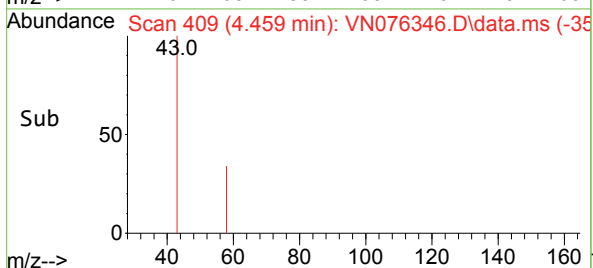
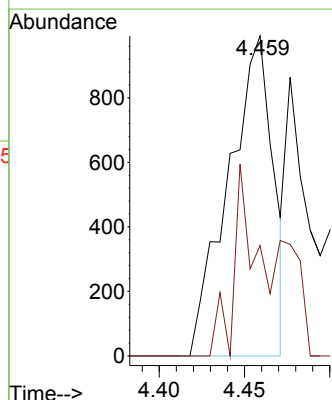
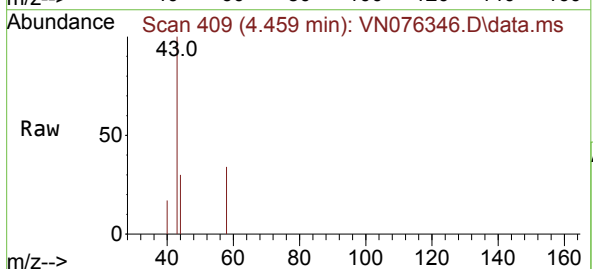
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

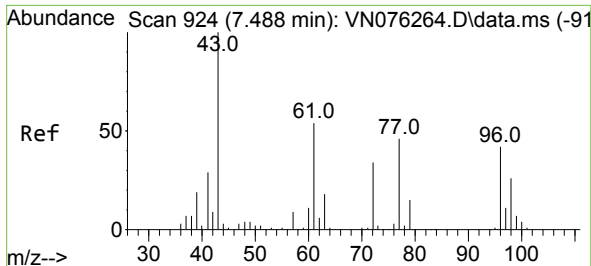
Tgt Ion:168 Resp: 399883
Ion Ratio Lower Upper
168 100
99 55.5 41.6 62.4



#16
Acetone
Concen: 1.187 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

Tgt Ion: 43 Resp: 1808
Ion Ratio Lower Upper
43 100
58 34.5 26.7 40.1

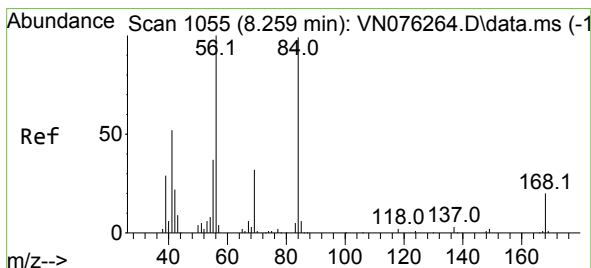
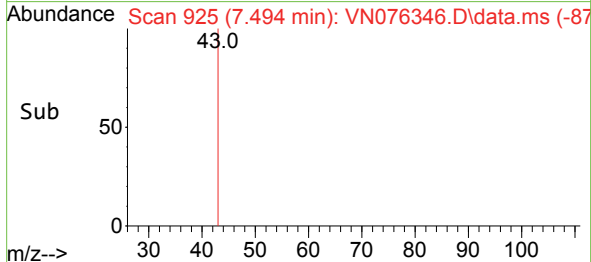
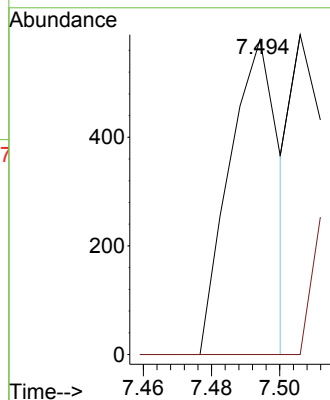
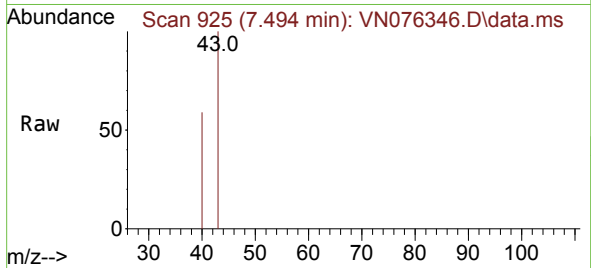




#25
2-Butanone
Concen: 0.267 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

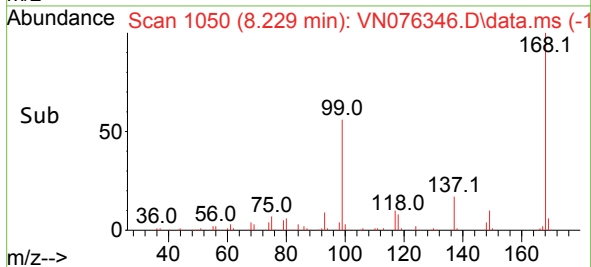
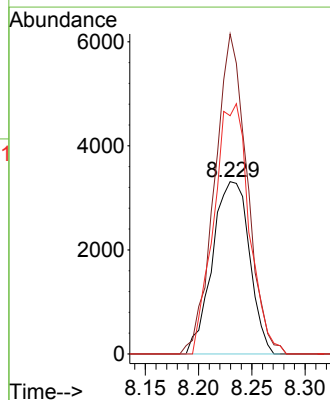
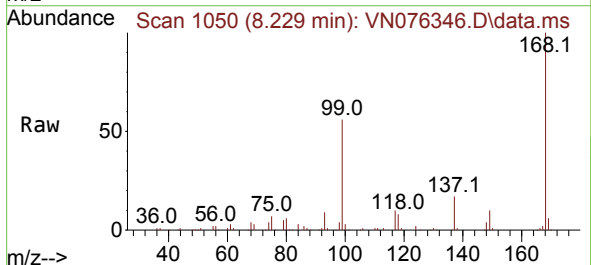
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

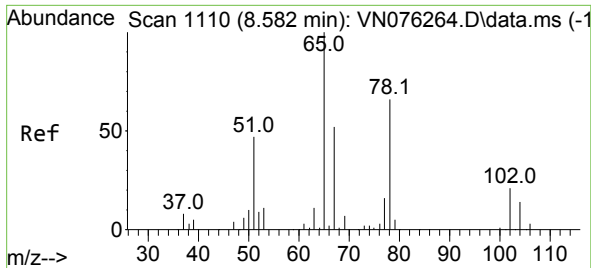
Tgt Ion: 43 Resp: 585
Ion Ratio Lower Upper
43 100
72 0.0 27.4 41.2#



#31
Cyclohexane
Concen: 1.164 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

Tgt Ion: 56 Resp: 8005
Ion Ratio Lower Upper
56 100
69 185.7 25.8 38.8#
84 138.3 79.0 118.4#

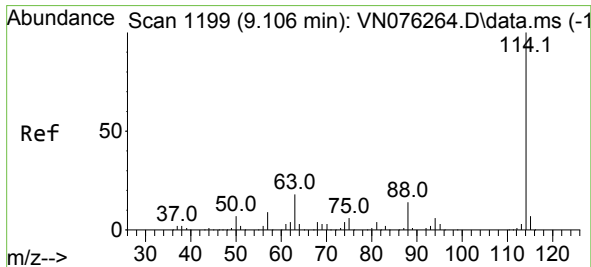
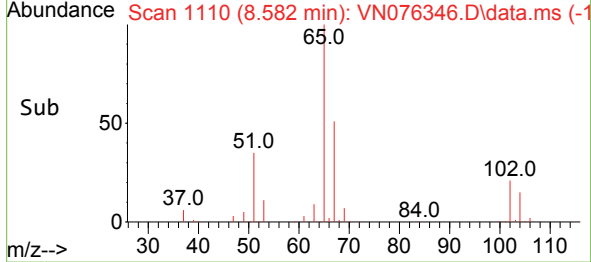
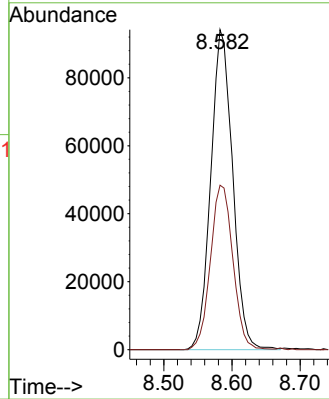
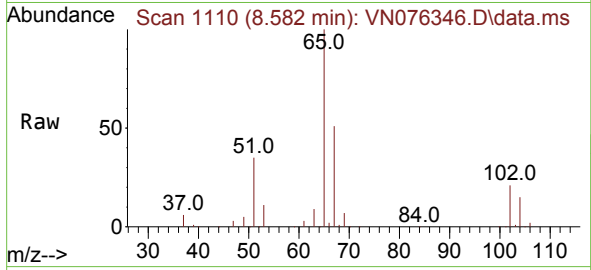




#33
 1,2-Dichloroethane-d4
 Concen: 46.982 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN076346.D
 Acq: 20 Jan 2023 14:25

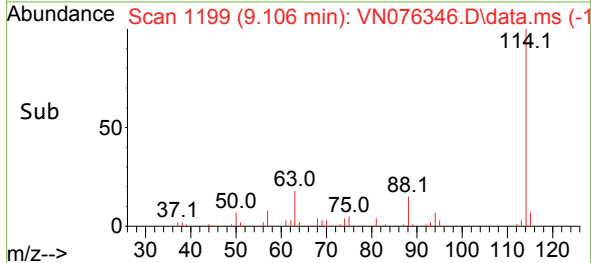
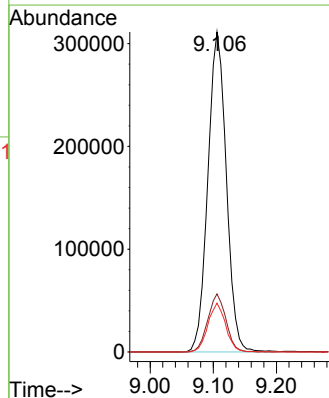
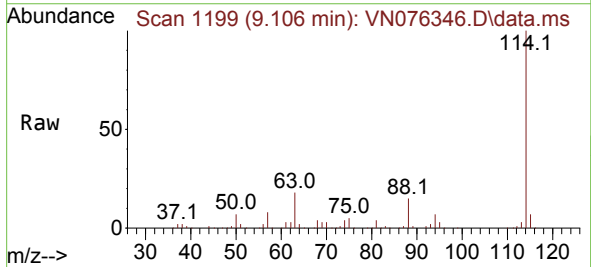
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

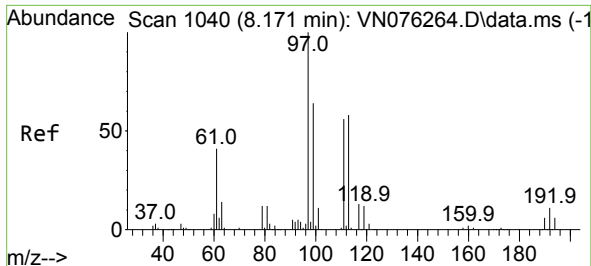
Tgt Ion: 65 Resp: 210358
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN076346.D
 Acq: 20 Jan 2023 14:25

Tgt Ion: 114 Resp: 631812
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.8
 88 15.3 0.0 28.0

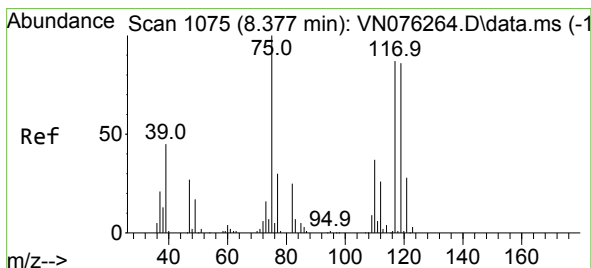
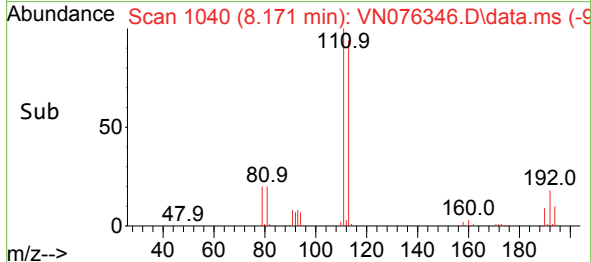
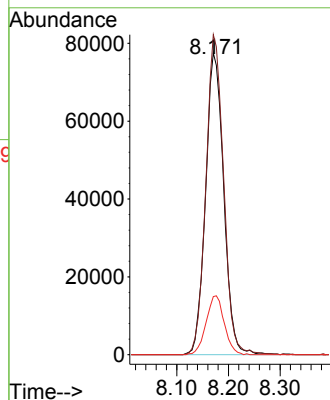
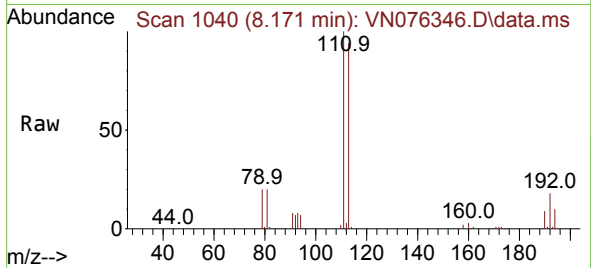




#35
Dibromofluoromethane
Concen: 47.800 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

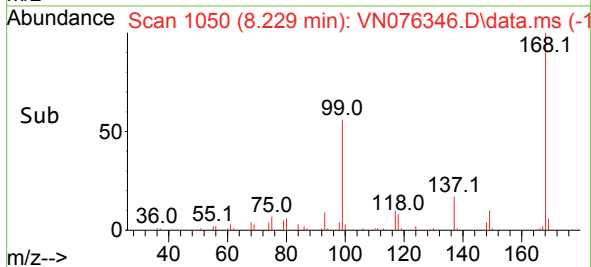
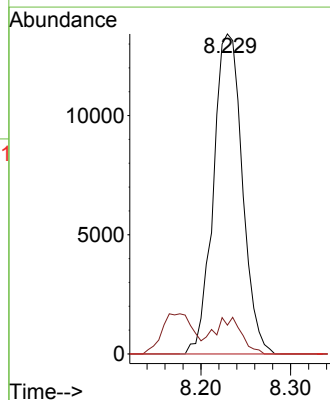
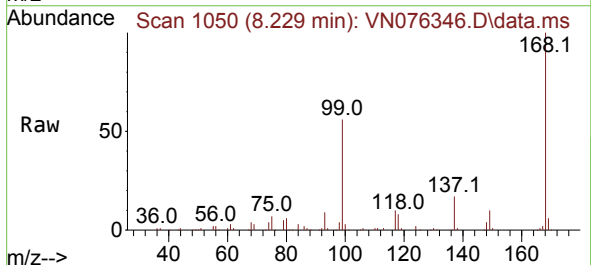
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

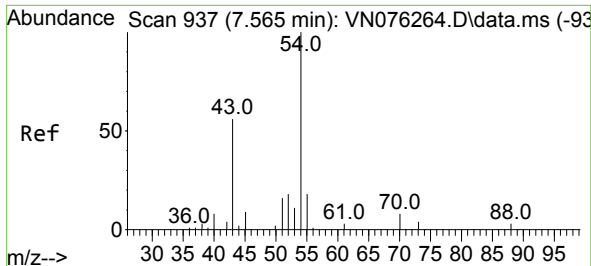
Tgt Ion:113 Resp: 188918
Ion Ratio Lower Upper
113 100
111 103.8 82.7 124.1
192 19.6 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.361 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.148 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

Tgt Ion: 75 Resp: 30108
Ion Ratio Lower Upper
75 100
110 11.0 18.8 56.3#
77 0.0 25.0 37.4#

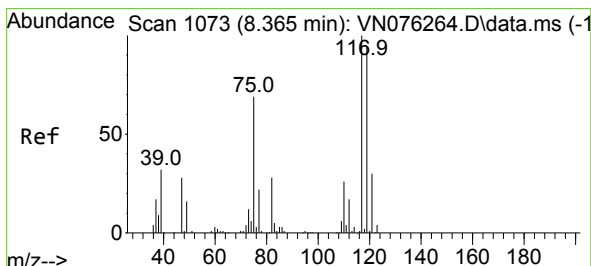
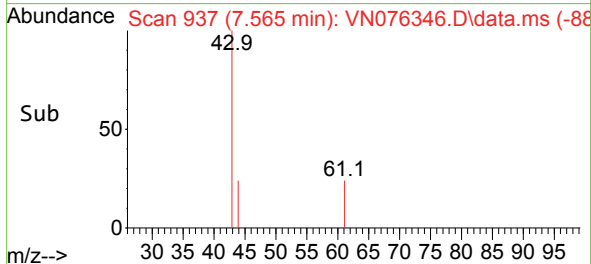
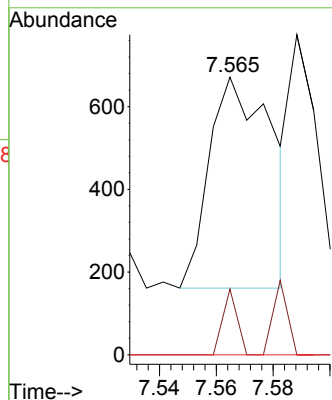
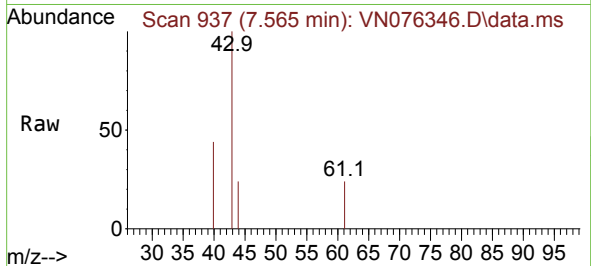




#37
Ethyl Acetate
Concen: 0.209 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

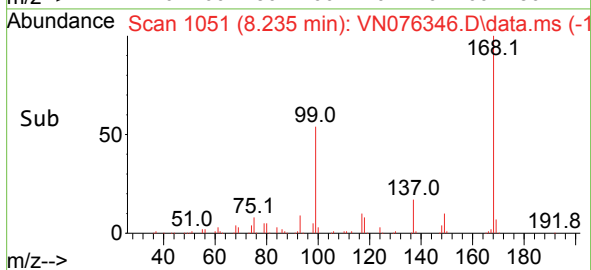
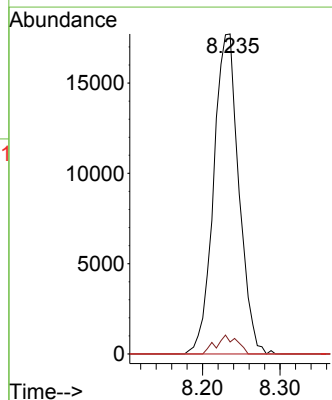
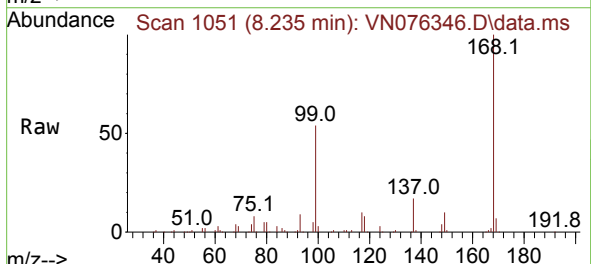
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

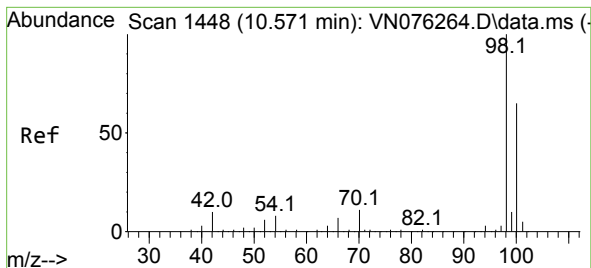
Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
61 7.2 11.1 16.7#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 6.401 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.130 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

Tgt Ion: 117 Resp: 40088
Ion Ratio Lower Upper
117 100
119 3.7 75.4 113.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 49.600 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076346.D

Acq: 20 Jan 2023 14:25

Instrument :

MSVOA_N

ClientSampleId :

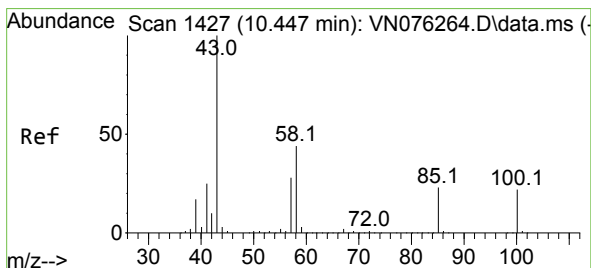
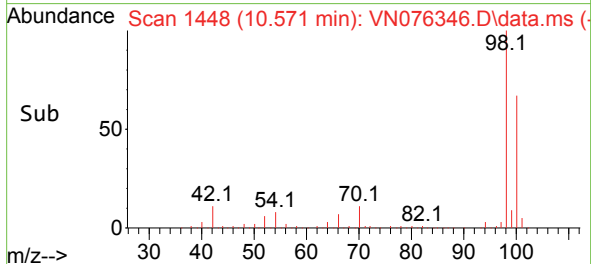
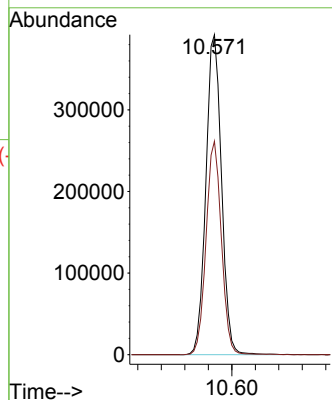
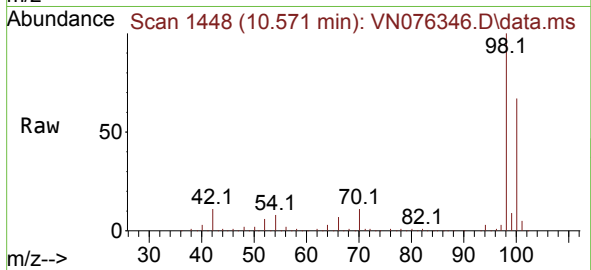
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 723960

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 0.625 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. 0.118 min

Lab File: VN076346.D

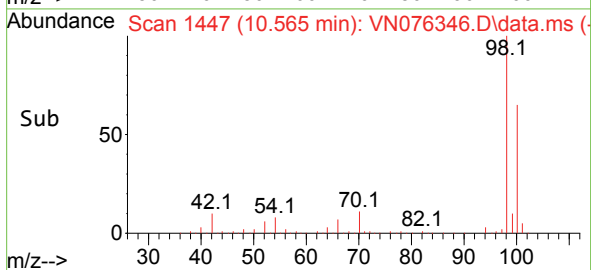
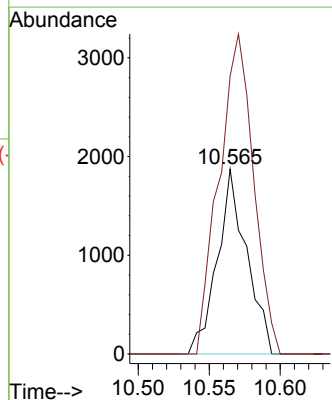
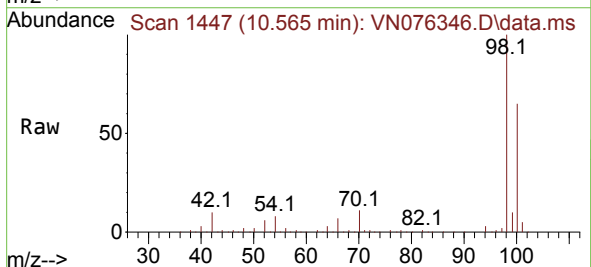
Acq: 20 Jan 2023 14:25

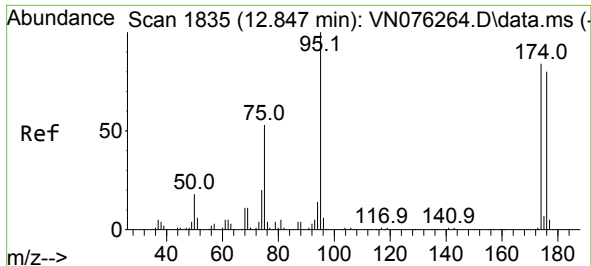
Tgt Ion: 43 Resp: 2688

Ion Ratio Lower Upper

43 100

58 204.2 35.1 52.7#

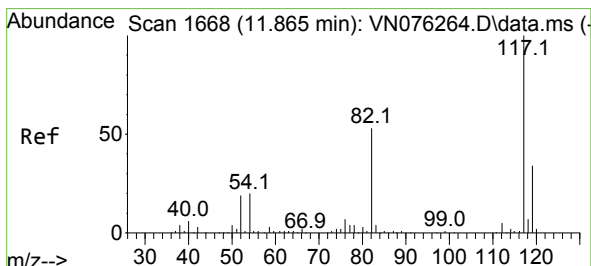
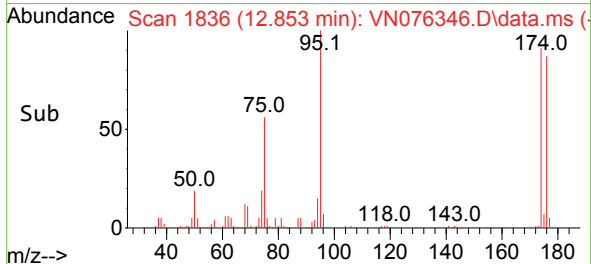
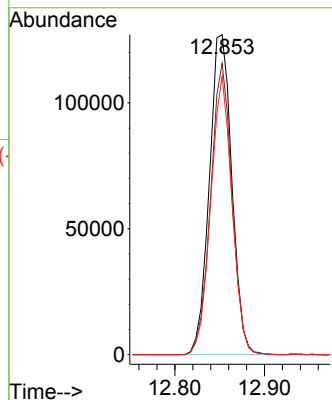
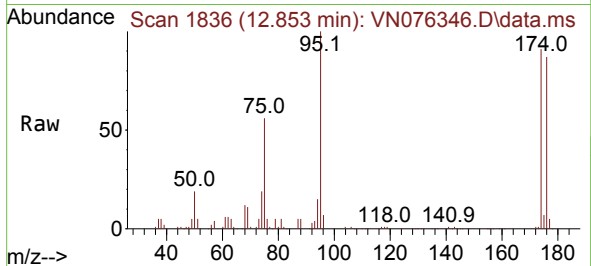




#62
4-Bromofluorobenzene
Concen: 46.363 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

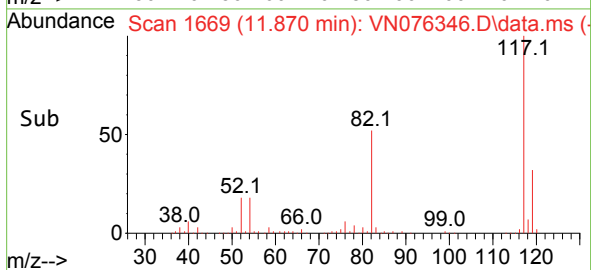
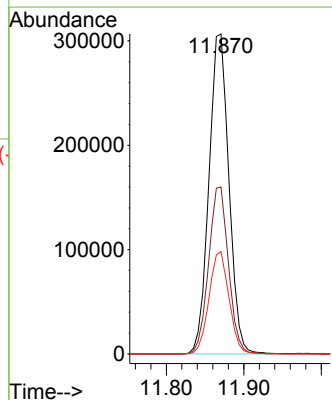
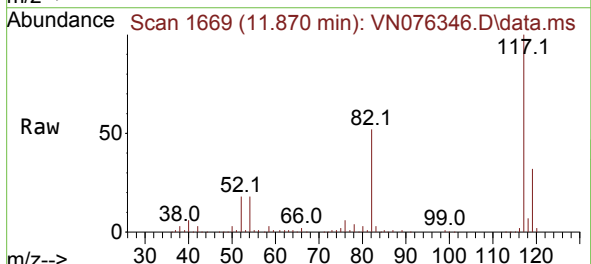
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

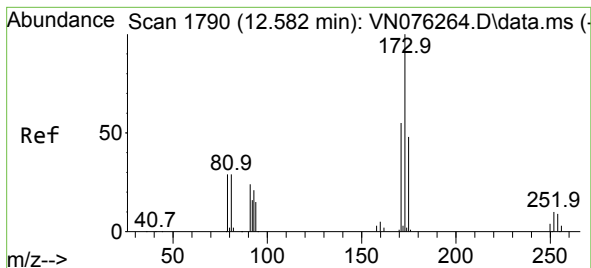
Tgt Ion: 95 Resp: 220919
Ion Ratio Lower Upper
95 100
174 86.6 0.0 174.6
176 82.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076346.D
Acq: 20 Jan 2023 14:25

Tgt Ion: 117 Resp: 548918
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.2
119 32.0 26.9 40.3





#71

Bromoform

Concen: 0.397 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN076346.D

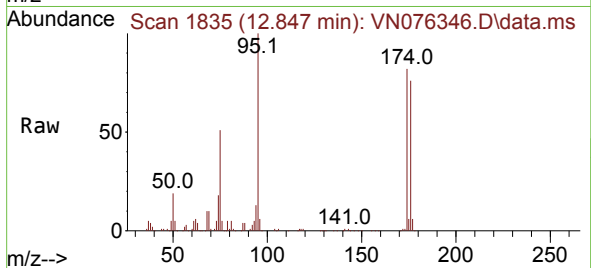
Acq: 20 Jan 2023 14:25

Instrument :

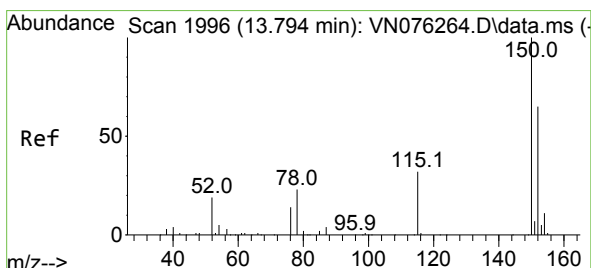
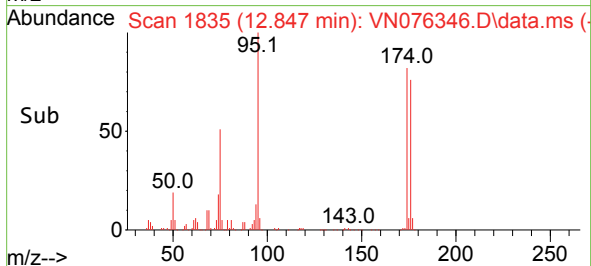
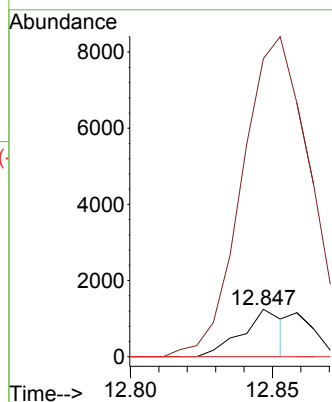
MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:	173	Resp:	1237
Ion Ratio	Lower	Upper	
173	100		
175	928.5	24.1	72.4#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

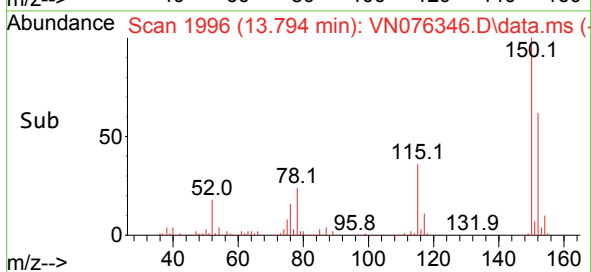
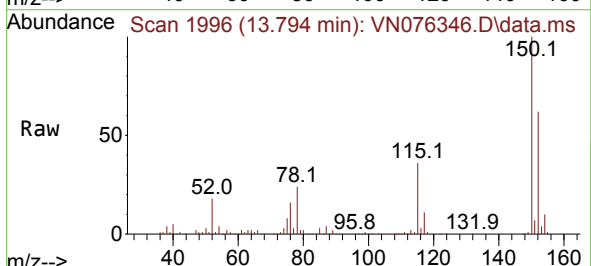
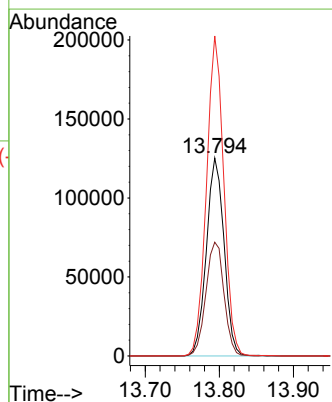
RT: 13.794 min Scan# 1996

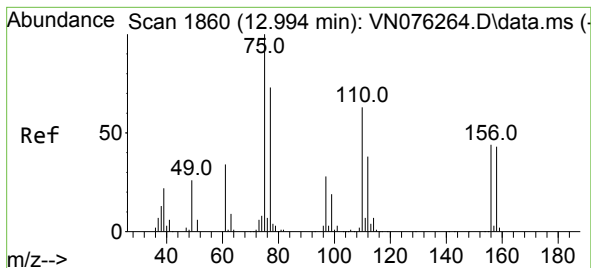
Delta R.T. -0.000 min

Lab File: VN076346.D

Acq: 20 Jan 2023 14:25

Tgt Ion:	152	Resp:	207633
Ion Ratio	Lower	Upper	
152	100		
115	59.1	29.6	88.9
150	158.2	0.0	351.4





#76

1,2,3-Trichloropropane

Concen: 30.319 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076346.D

Acq: 20 Jan 2023 14:25

Instrument :

MSVOA_N

ClientSampleId :

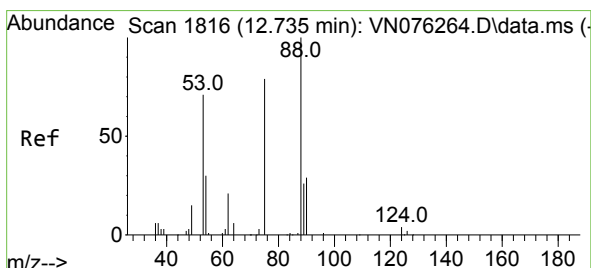
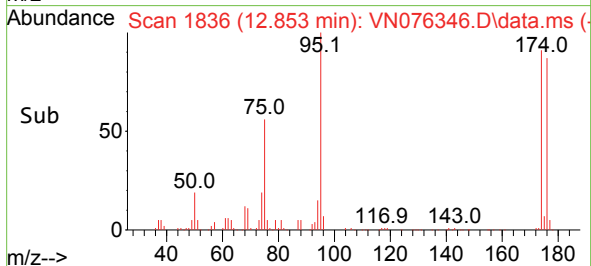
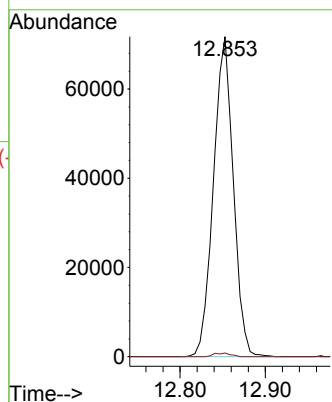
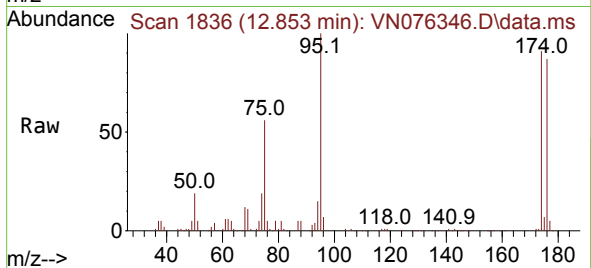
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 116096

Ion Ratio Lower Upper

75 100

77 1.0 75.2 225.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.031 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.118 min

Lab File: VN076346.D

Acq: 20 Jan 2023 14:25

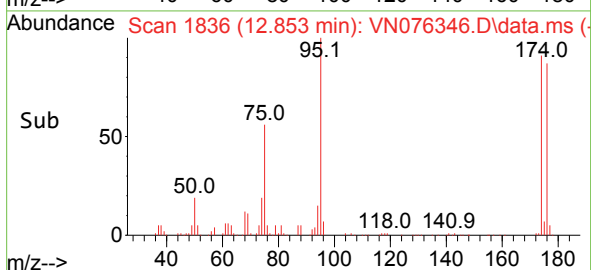
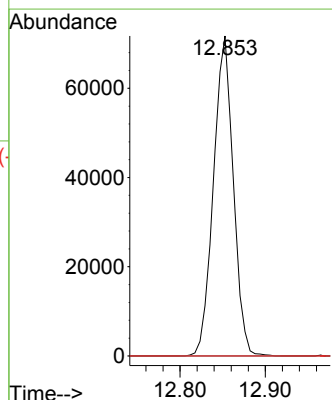
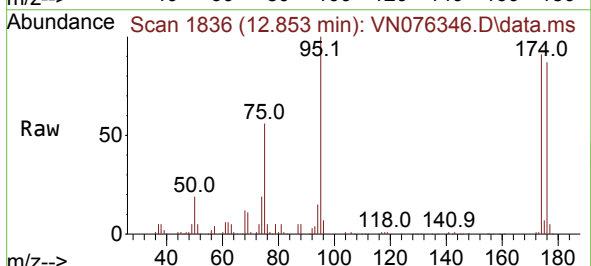
Tgt Ion: 75 Resp: 116096

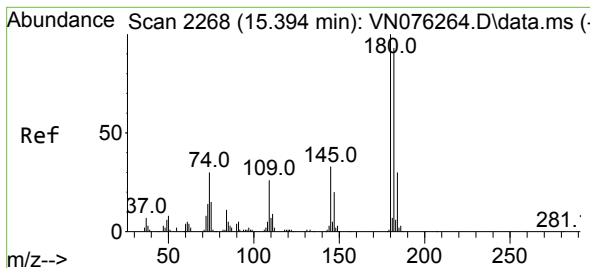
Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

89 0.0 37.0 55.6#





#93

1,2,4-Trichlorobenzene

Concen: 1.321 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076346.D

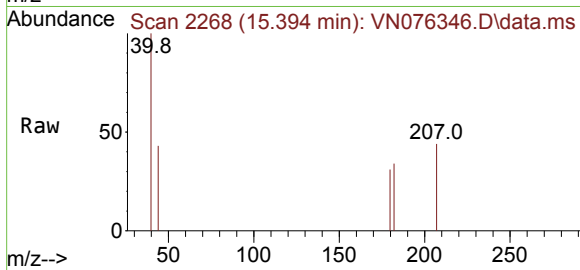
Acq: 20 Jan 2023 14:25

Instrument :

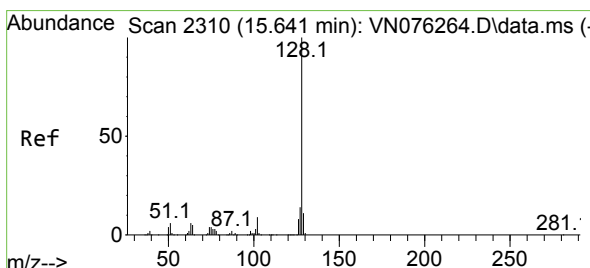
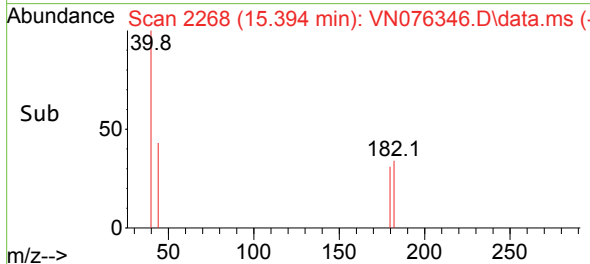
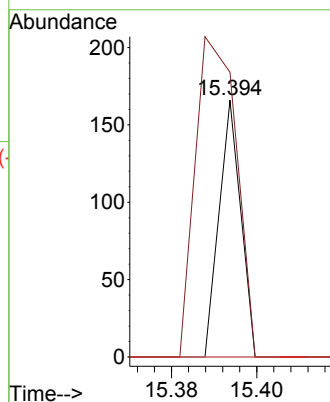
MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:180	Resp:	59
Ion	Ratio	Lower Upper
180	100	
182	233.9	47.0 141.2#
145	0.0	15.2 45.5#



#95

Naphthalene

Concen: 1.990 ug/l

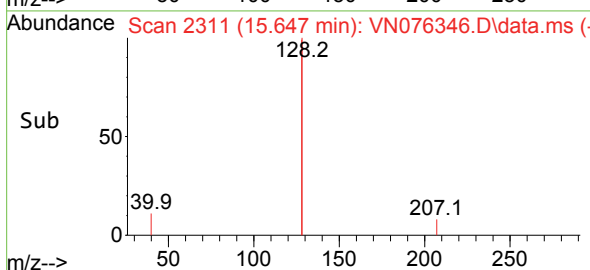
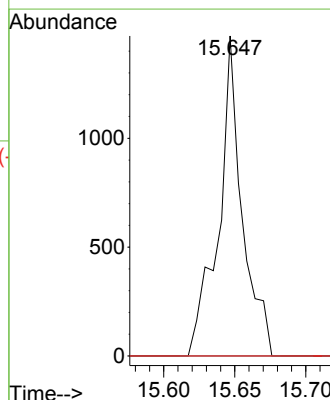
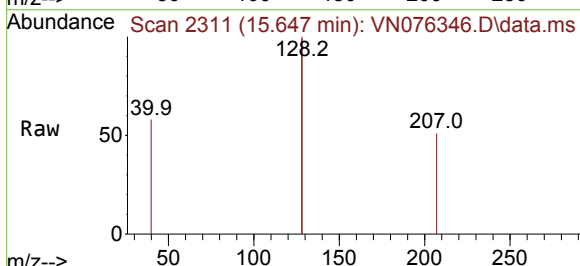
RT: 15.647 min Scan# 2311

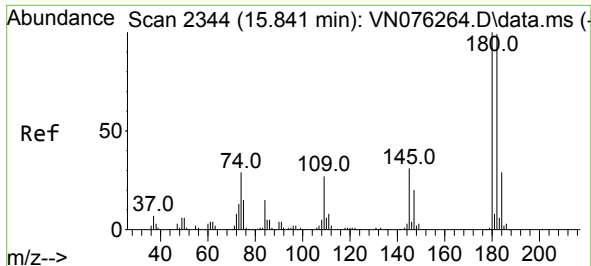
Delta R.T. 0.006 min

Lab File: VN076346.D

Acq: 20 Jan 2023 14:25

Tgt Ion:128	Resp:	1696
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: 1.174 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN076346.D

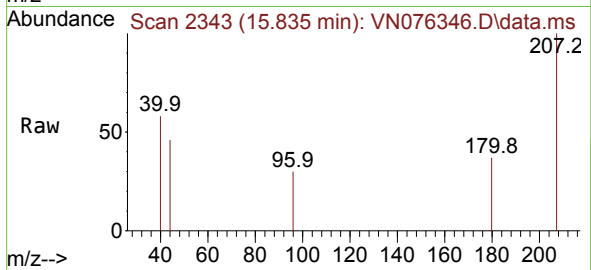
Acq: 20 Jan 2023 14:25

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:180 Resp: 71

Ion Ratio Lower Upper

180 100

182 346.5 47.5 142.5#

145 0.0 15.9 47.6#

