

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078517.D
 Acq On : 14 Jul 2023 13:09
 Operator : JC\MD
 Sample : 03624-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 15 04:00:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

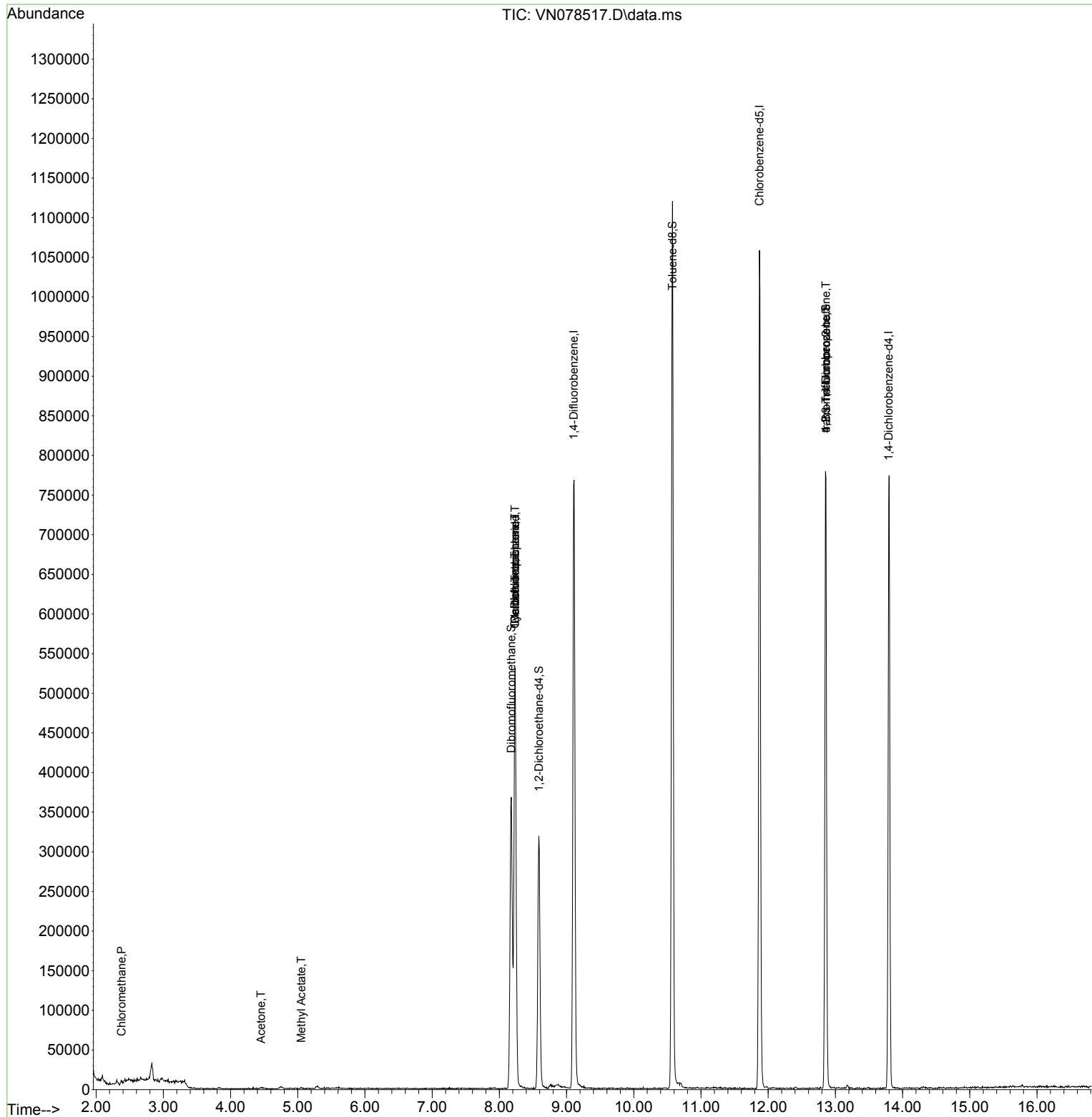
Internal Standards								
1) Pentafluorobenzene			8.236	168	387258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene			9.106	114	702750	50.000	ug/l	0.00
63) Chlorobenzene-d5			11.871	117	647526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			13.794	152	212949	50.000	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			8.588	65	261475	50.365	ug/l	0.00
Spiked Amount 50.000			Range	74 - 125	Recovery	= 100.720%		
35) Dibromofluoromethane			8.177	113	270601	56.724	ug/l	0.00
Spiked Amount 50.000			Range	75 - 124	Recovery	= 113.440%		
50) Toluene-d8			10.577	98	821369	45.577	ug/l	0.00
Spiked Amount 50.000			Range	86 - 113	Recovery	= 91.160%		
62) 4-Bromofluorobenzene			12.859	95	272101	49.018	ug/l	0.00
Spiked Amount 50.000			Range	83 - 123	Recovery	= 98.040%		
Target Compounds								Qvalue
3) Chloromethane			2.377	50	2876	0.557	ug/l #	69
5) Bromomethane			2.971	94	2148	Below Cal		98
6) Chloroethane			3.112	64	114	Below Cal	#	43
16) Acetone			4.453	43	1042	0.644	ug/l #	75
18) Methyl Acetate			5.053	43	1411	0.206	ug/l #	63
20) Methylene Chloride			5.295	84	1182	Below Cal	#	88
31) Cyclohexane			8.230	56	8781	1.252	ug/l #	46
36) 1,1-Dichloropropene			8.230	75	30365	4.408	ug/l #	49
38) Carbon Tetrachloride			8.236	117	43299	5.784	ug/l #	16
75) 1,1,2,2-Tetrachloroethane			12.929	83	177	Below Cal	#	26
76) 1,2,3-Trichloropropane			12.859	75	144397	28.053	ug/l #	1
81) trans-1,4-Dichloro-2-b...			12.859	75	144397	73.719	ug/l #	15

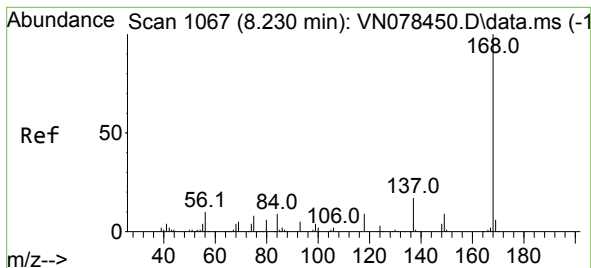
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078517.D

Acq: 14 Jul 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

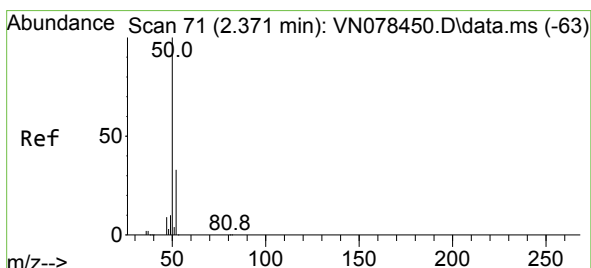
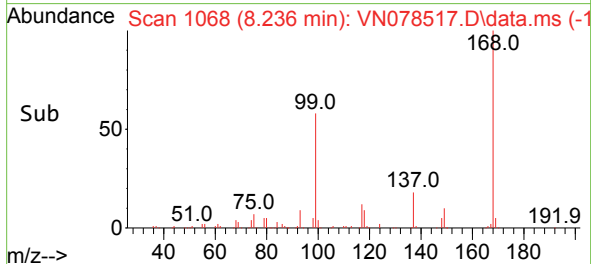
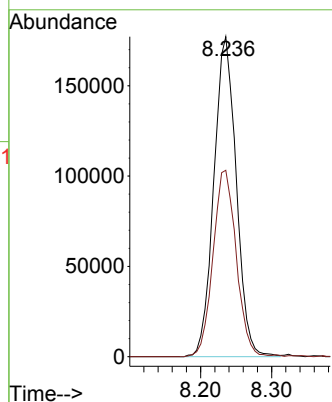
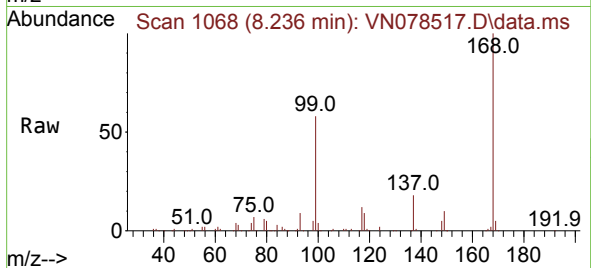
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 387258

Ion Ratio Lower Upper

168 100

99 58.2 53.0 79.6



#3

Chloromethane

Concen: 0.557 ug/l

RT: 2.377 min Scan# 72

Delta R.T. 0.006 min

Lab File: VN078517.D

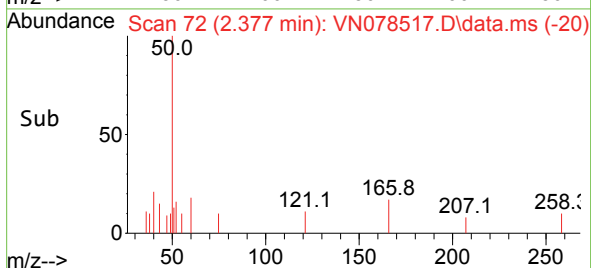
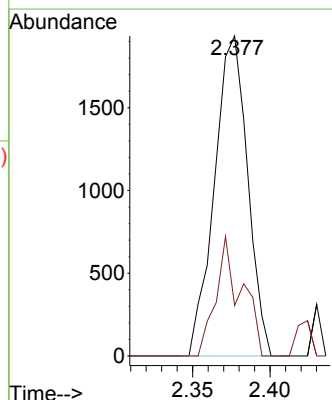
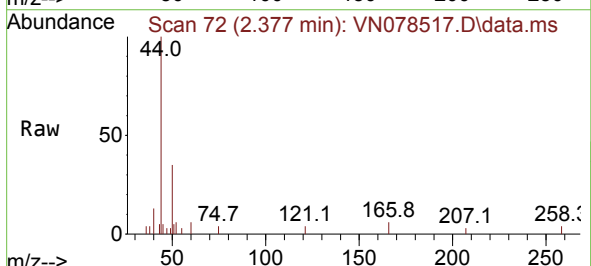
Acq: 14 Jul 2023 13:09

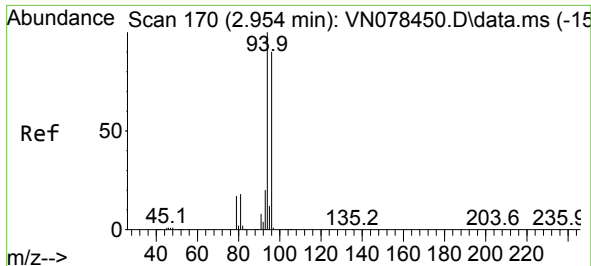
Tgt Ion: 50 Resp: 2876

Ion Ratio Lower Upper

50 100

52 15.8 26.5 39.7#

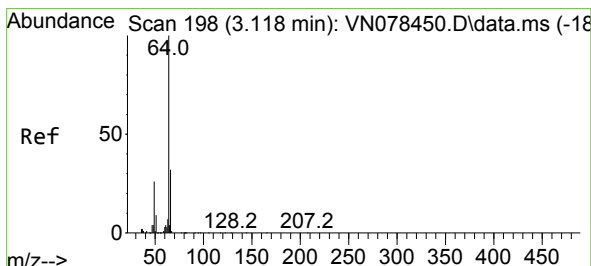
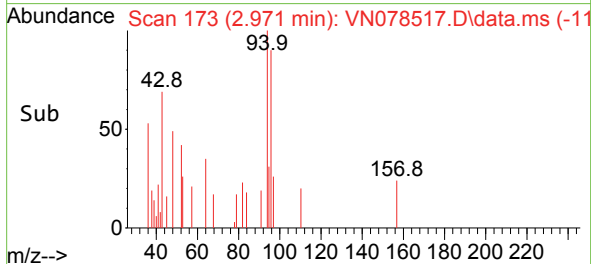
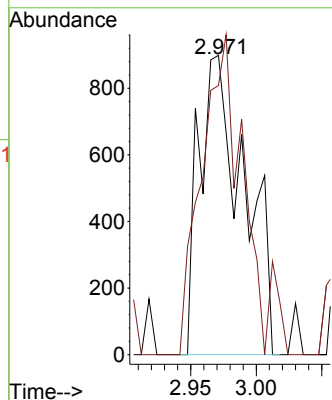
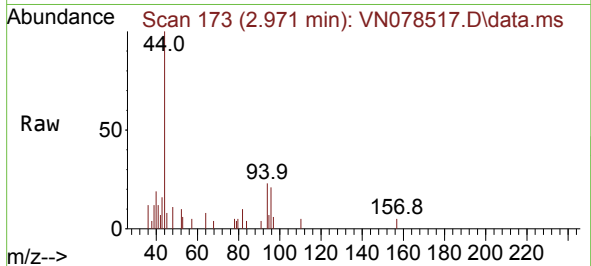




#5
Bromomethane
Concen: Below Cal
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

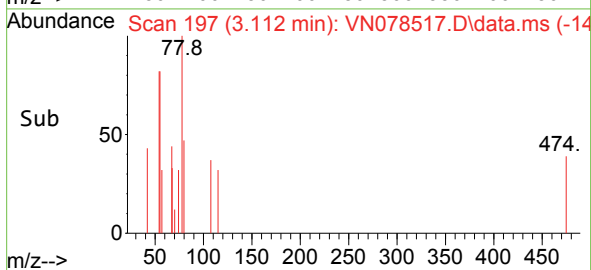
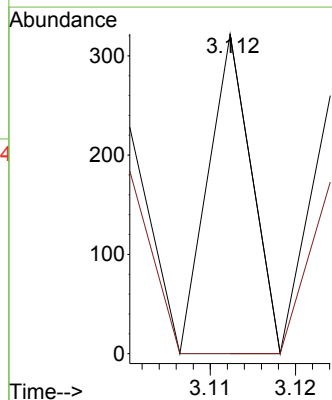
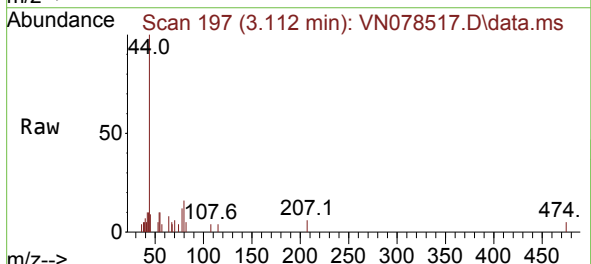
Instrument :
MSVOA_N
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STORAGE-BLANK-SAMPLE-MANAG

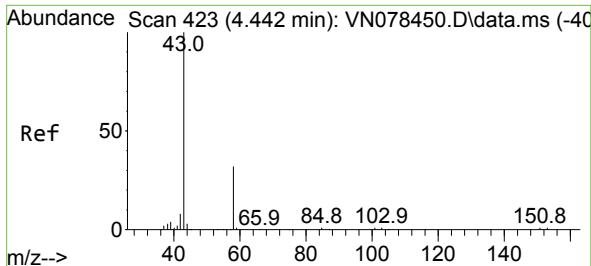
Tgt Ion: 94 Resp: 2148
Ion Ratio Lower Upper
94 100
96 89.9 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

Tgt Ion: 64 Resp: 114
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

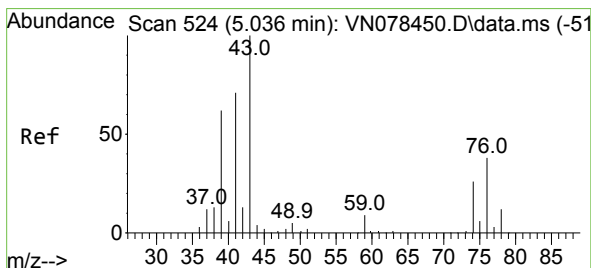
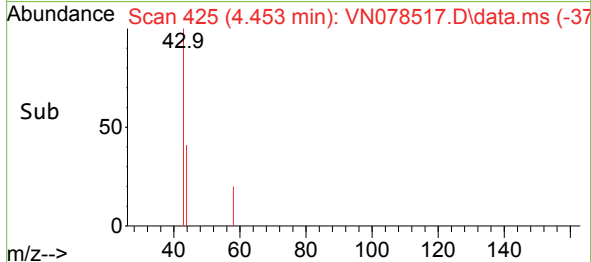
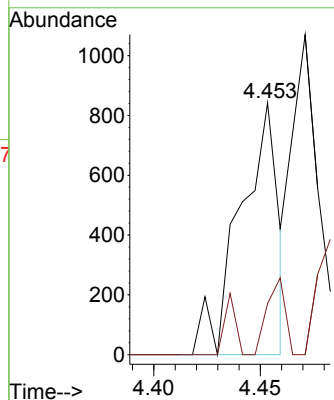
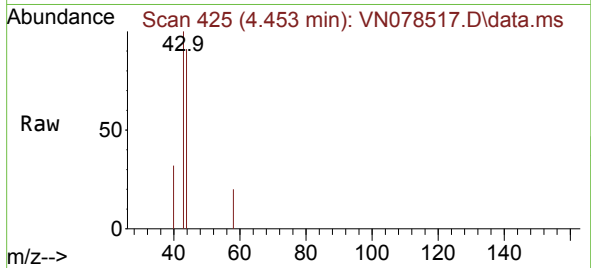




#16
Acetone
Concen: 0.644 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

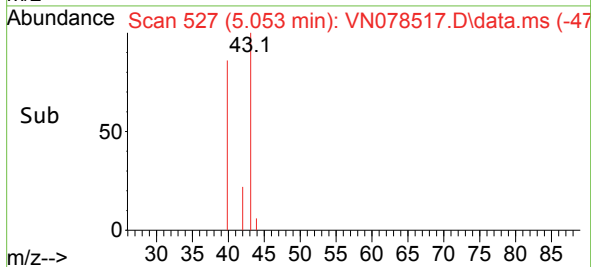
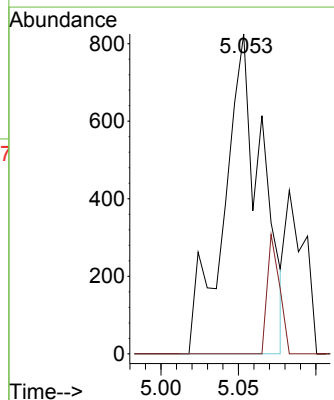
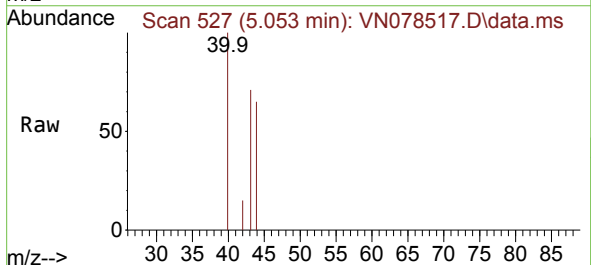
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

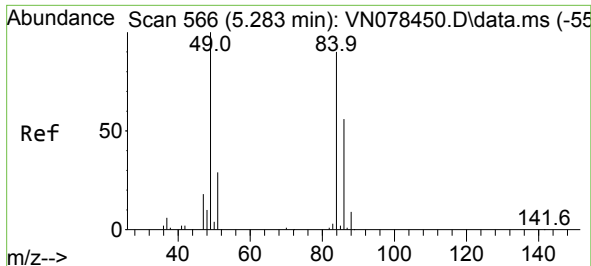
Tgt Ion: 43 Resp: 1042
Ion Ratio Lower Upper
43 100
58 20.3 28.0 42.0#



#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.017 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

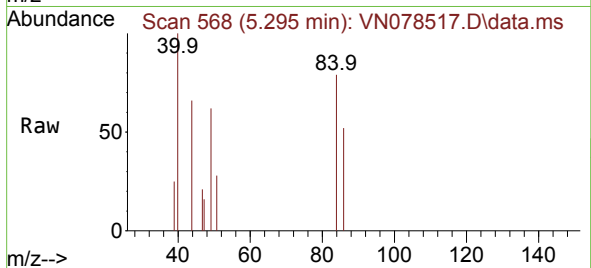
Tgt Ion: 43 Resp: 1411
Ion Ratio Lower Upper
43 100
74 11.9 26.2 39.4#



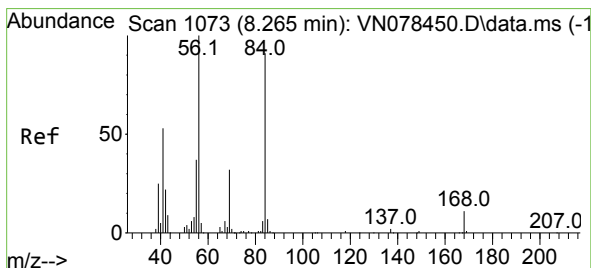
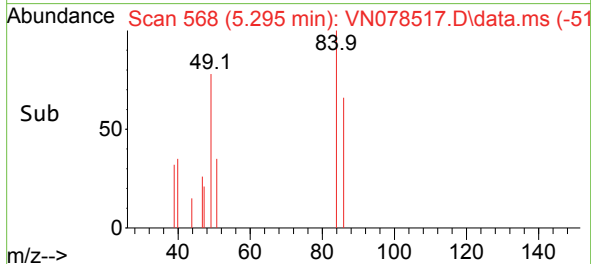
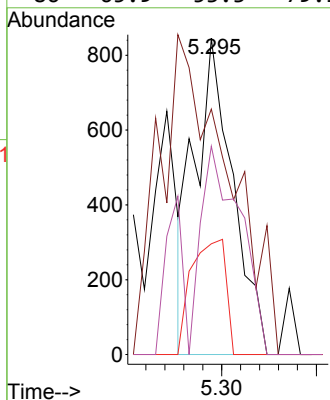


#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

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

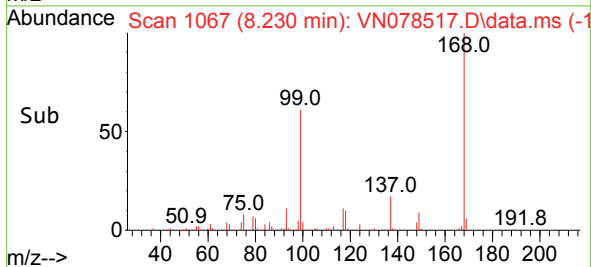
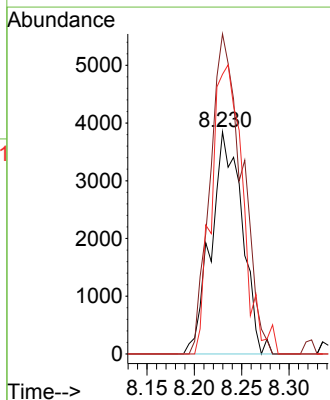
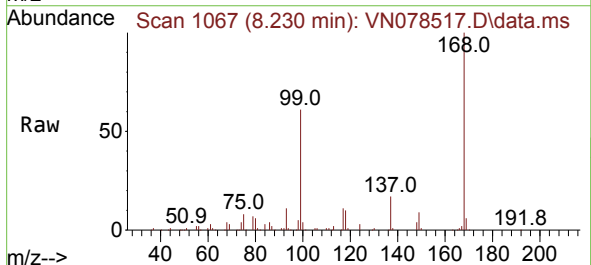


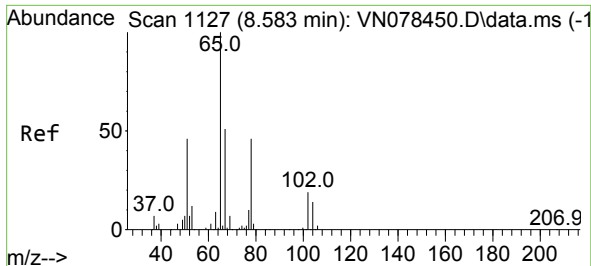
Tgt Ion:	84	Resp:	1182
Ion	Ratio	Lower	Upper
84	100		
49	77.6	79.7	119.5#
51	35.0	25.2	37.8
86	65.9	53.3	79.9



#31
Cyclohexane
Concen: 1.252 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

Tgt Ion:	56	Resp:	8781
Ion	Ratio	Lower	Upper
56	100		
69	133.2	26.8	40.2#
84	116.5	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 50.365 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078517.D

Acq: 14 Jul 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

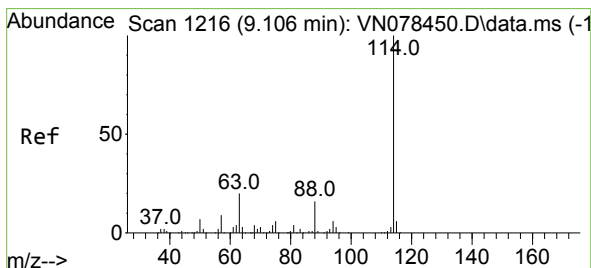
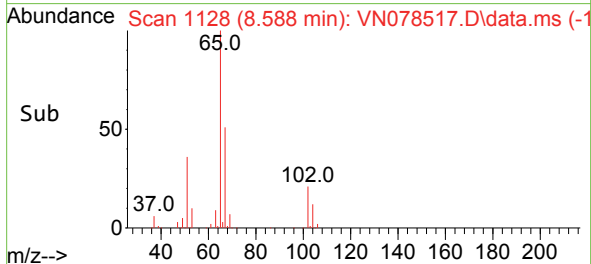
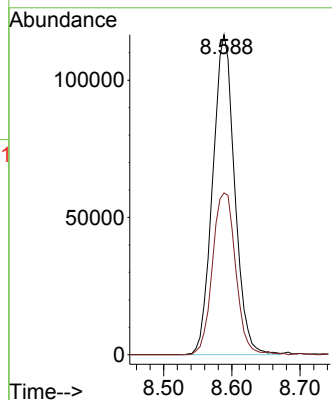
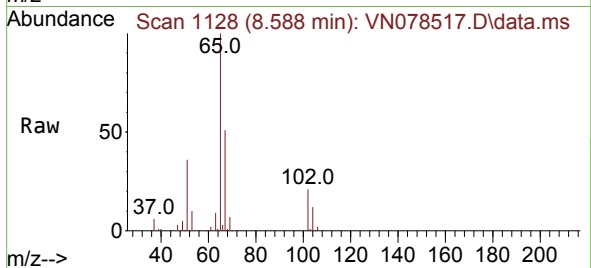
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 261475

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078517.D

Acq: 14 Jul 2023 13:09

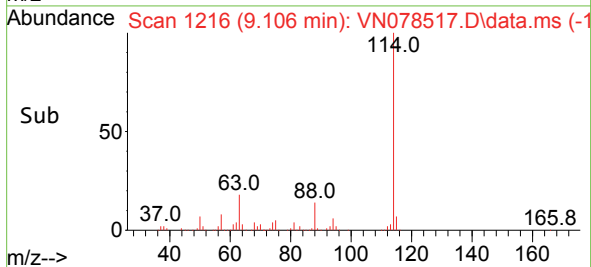
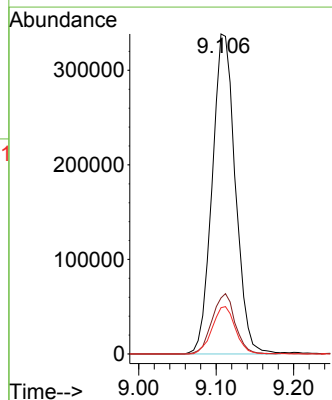
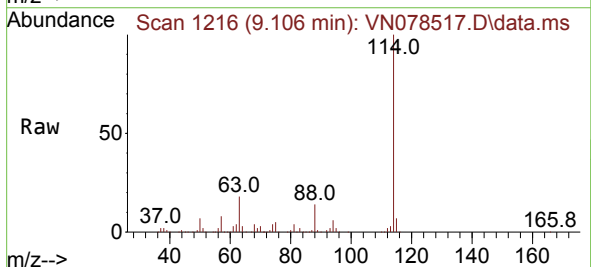
Tgt Ion: 114 Resp: 702750

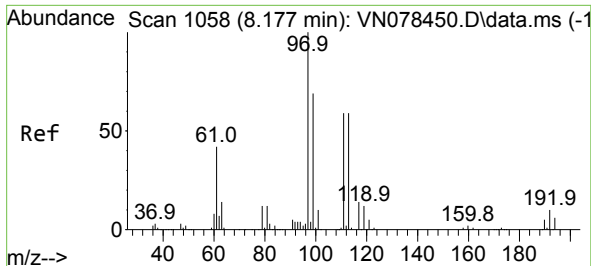
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.4

88 14.5 0.0 30.6

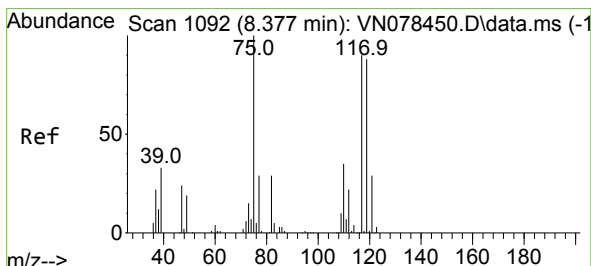
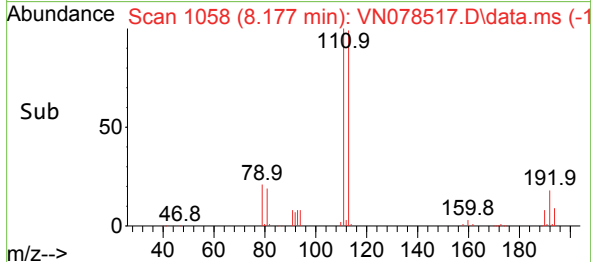
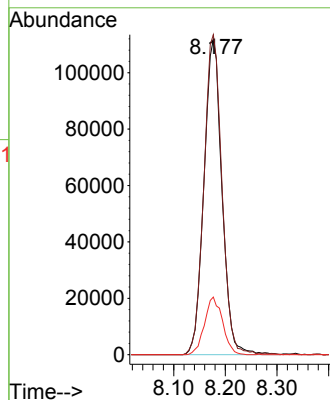
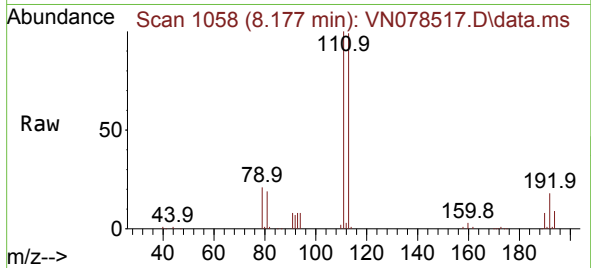




#35
Dibromofluoromethane
Concen: 56.724 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

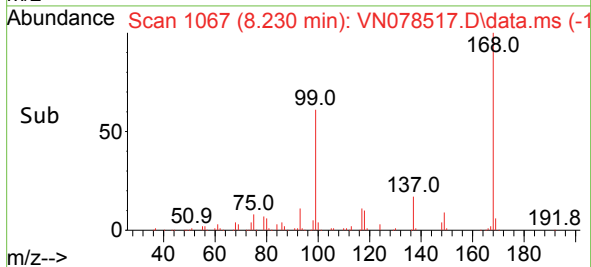
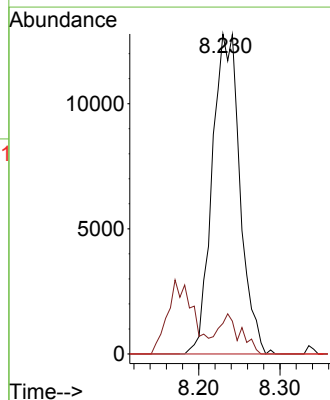
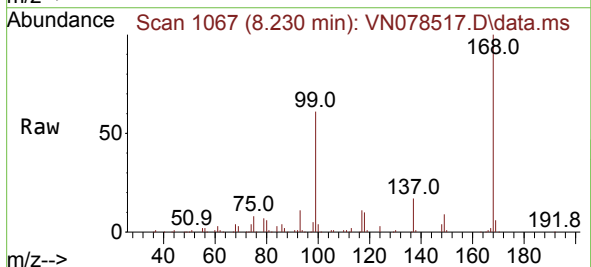
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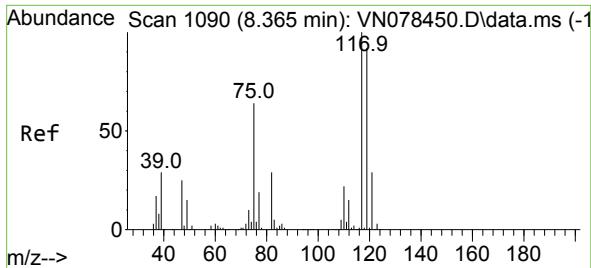
Tgt Ion:113 Resp: 270601
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 18.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.408 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

Tgt Ion: 75 Resp: 30365
Ion Ratio Lower Upper
75 100
110 10.1 19.1 57.3#
77 0.0 25.0 37.4#

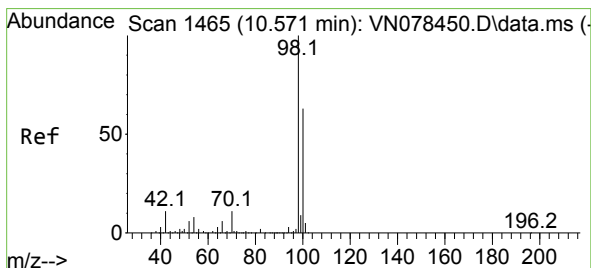
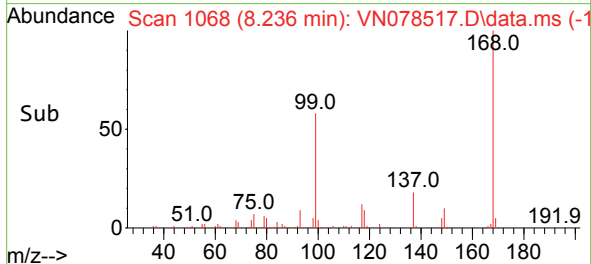
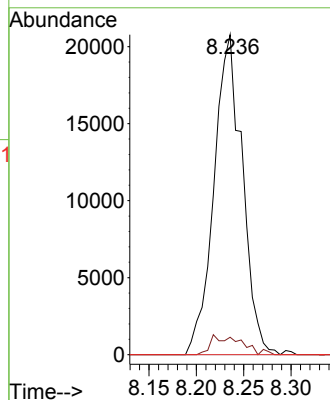
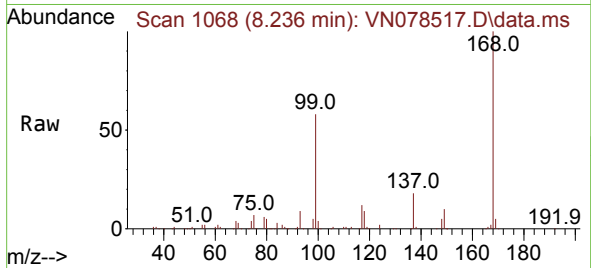




#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.129 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

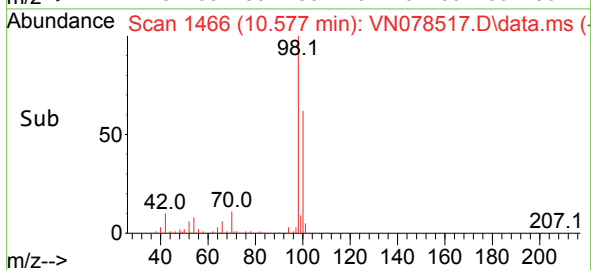
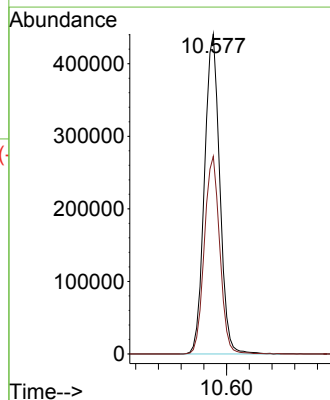
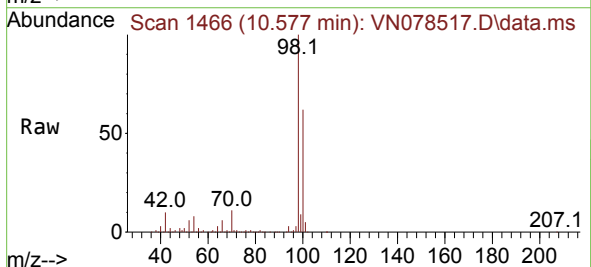
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

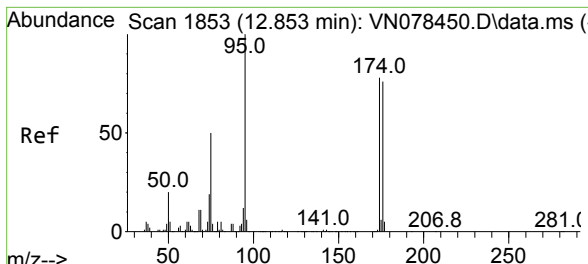
Tgt Ion:117 Resp: 43299
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 45.577 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

Tgt Ion: 98 Resp: 821369
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0

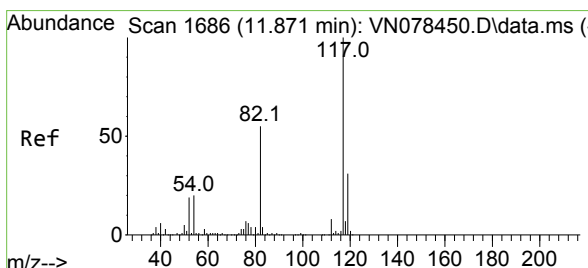
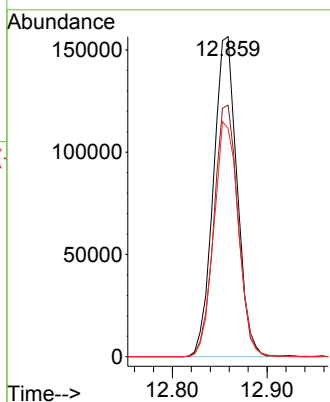
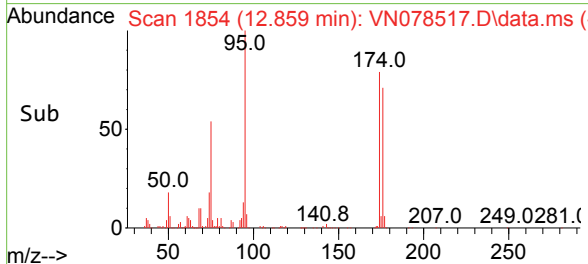
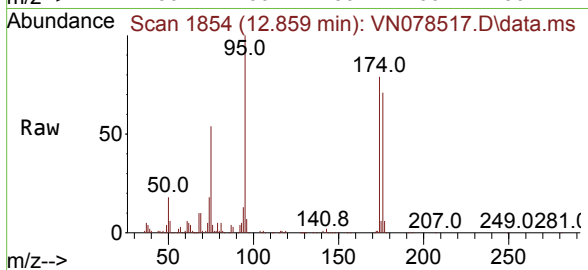




#62
4-Bromofluorobenzene
Concen: 49.018 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

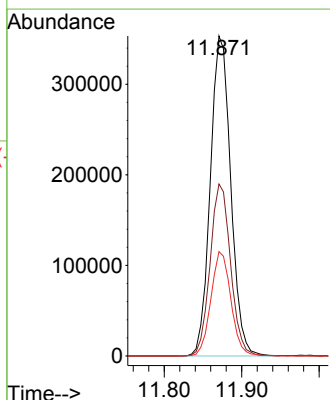
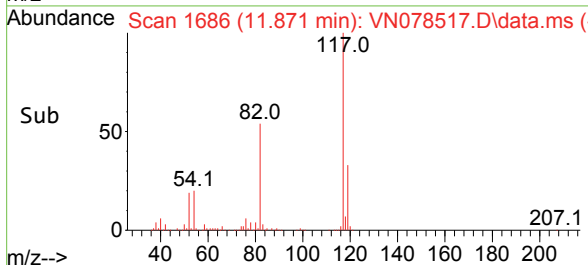
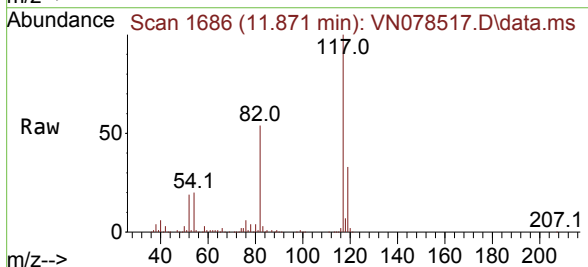
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

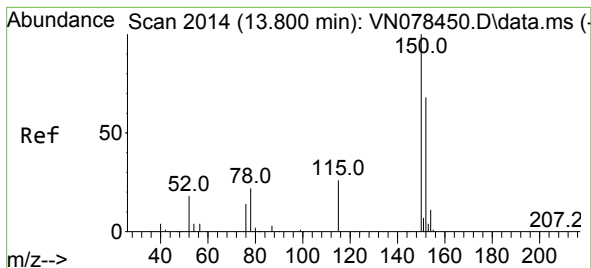
Tgt Ion:	95	Resp:	272101
Ion Ratio	Lower	Upper	
95	100		
174	80.2	0.0	143.8
176	76.1	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

Tgt Ion:	117	Resp:	647526
Ion Ratio	Lower	Upper	
117	100		
82	53.8	44.0	66.0
119	32.6	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.006 min

Lab File: VN078517.D

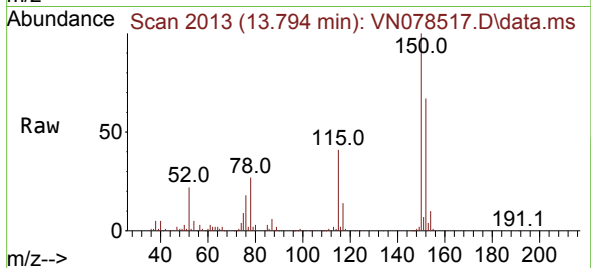
Acq: 14 Jul 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



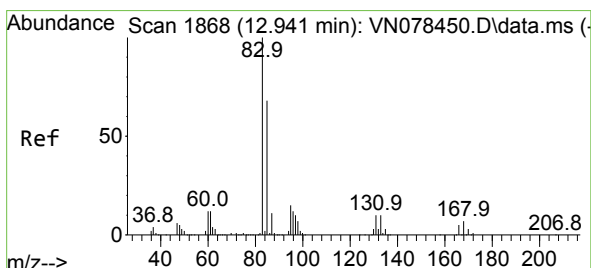
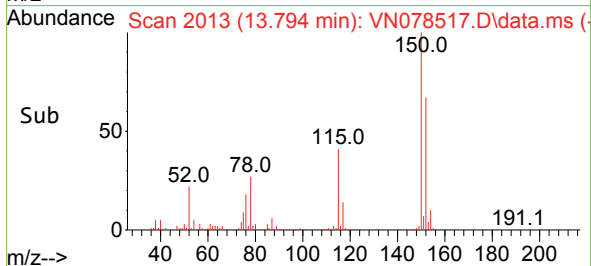
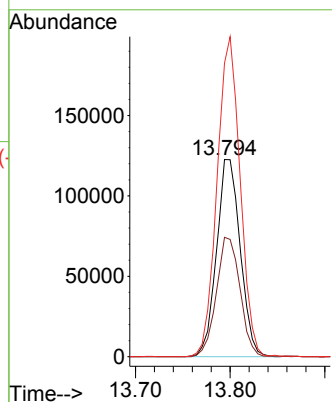
Tgt Ion:152 Resp: 212949

Ion Ratio Lower Upper

152 100

115 60.6 32.3 96.8

150 158.2 0.0 355.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.929 min Scan# 1866

Delta R.T. -0.012 min

Lab File: VN078517.D

Acq: 14 Jul 2023 13:09

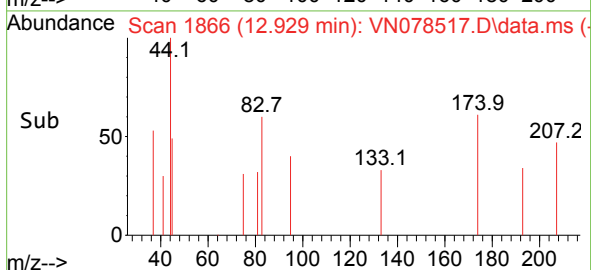
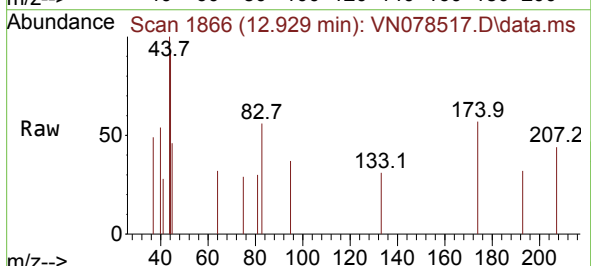
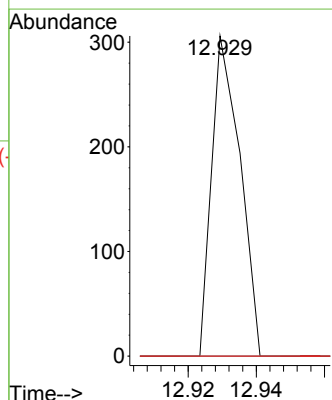
Tgt Ion: 83 Resp: 177

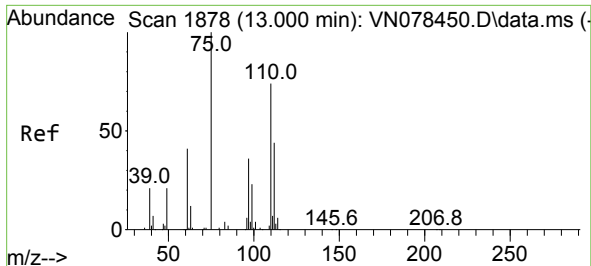
Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#

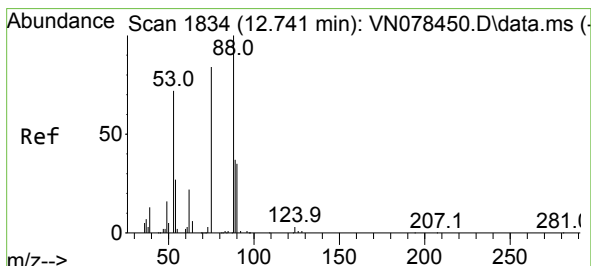
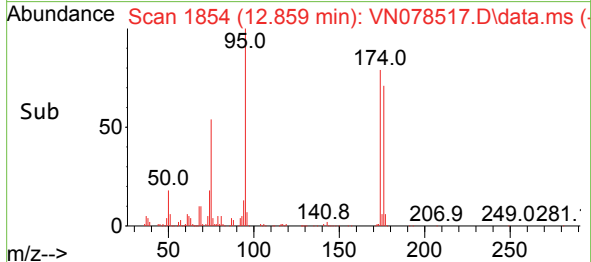
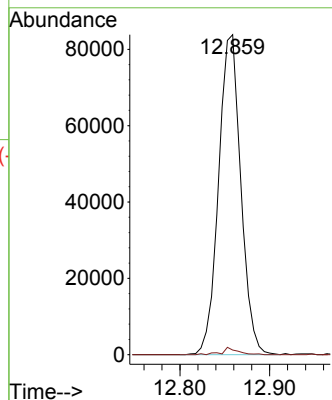
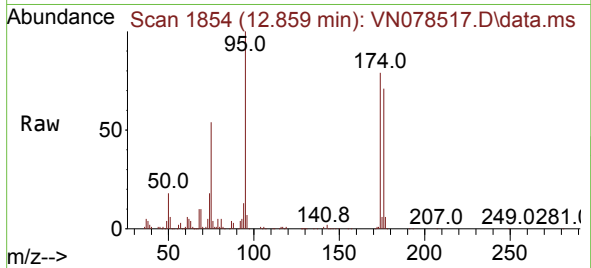




#76
1,2,3-Trichloropropane
Concen: 28.053 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

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

Tgt Ion: 75 Resp: 144397
Ion Ratio Lower Upper
75 100
77 1.6 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.719 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

Tgt Ion: 75 Resp: 144397
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.1 38.8 58.2#

