

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080190.D
 Acq On : 18 Nov 2023 16:55
 Operator : JC\MD
 Sample : 05490-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 01:27:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

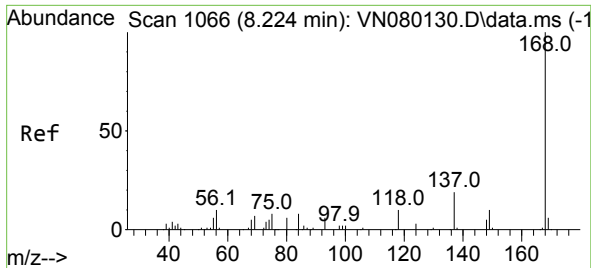
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	142940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	273791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	287383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	139835	59.248	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.500%	
35) Dibromofluoromethane	8.171	113	106100	52.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.040%	
50) Toluene-d8	10.571	98	366322	50.302	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.853	95	138204	50.243	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	901	0.563	ug/l #	42
6) Chloroethane	3.130	64	882	Below Cal	#	43
16) Acetone	4.424	43	346	0.436	ug/l #	40
18) Methyl Acetate	5.036	43	1511	0.593	ug/l #	58
20) Methylene Chloride	5.265	84	477	0.287	ug/l #	49
31) Cyclohexane	8.236	56	3294	1.283	ug/l #	51
36) 1,1-Dichloropropene	8.224	75	12751	4.359	ug/l #	51
38) Carbon Tetrachloride	8.230	117	17131	4.615	ug/l #	16
43) Isopropyl Acetate	8.694	43	2004	0.508	ug/l #	49
51) 4-Methyl-2-Pentanone	10.571	43	1518	0.743	ug/l #	1
71) Bromoform	12.847	173	381	0.203	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	79329	25.724	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	79329	86.912	ug/l #	15

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

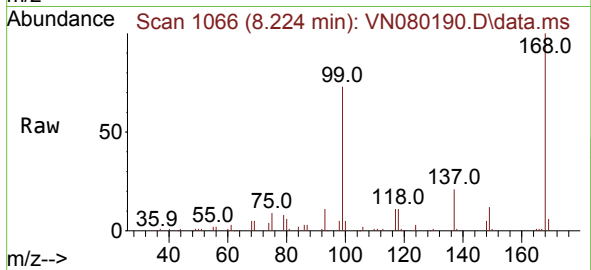
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration



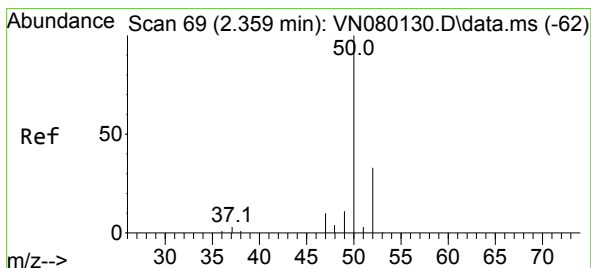
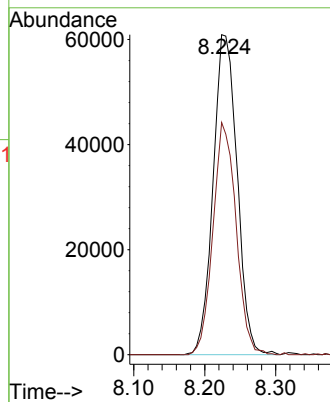
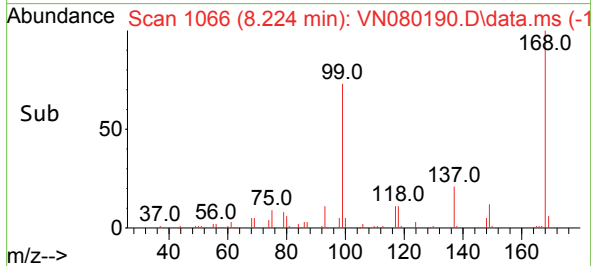


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

Instrument :
MSVOA_N
ClientSampleId :

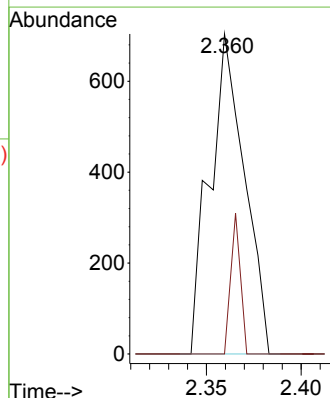
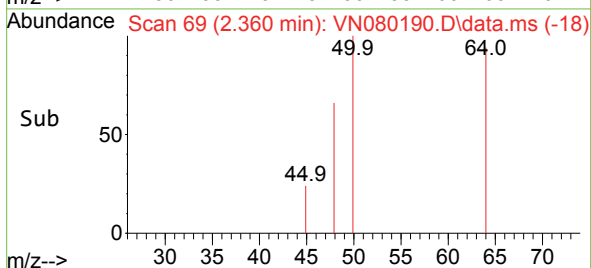
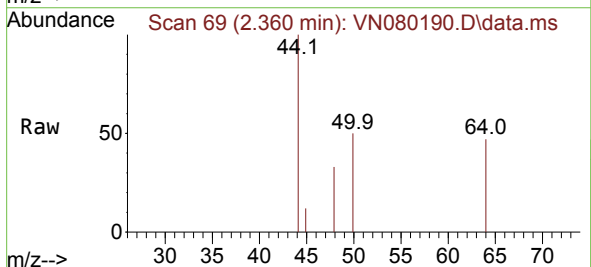


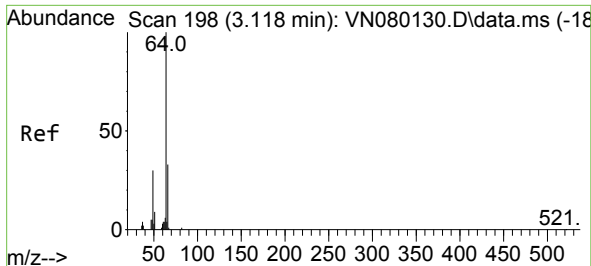
Tgt Ion:168 Resp: 142940
Ion Ratio Lower Upper
168 100
99 72.5 53.0 79.6



#3
Chloromethane
Concen: 0.563 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

Tgt Ion: 50 Resp: 901
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

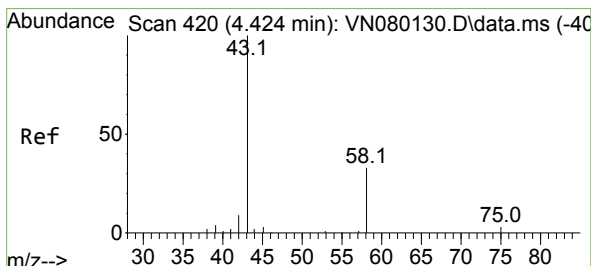
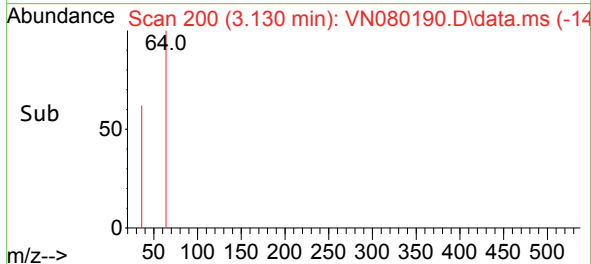
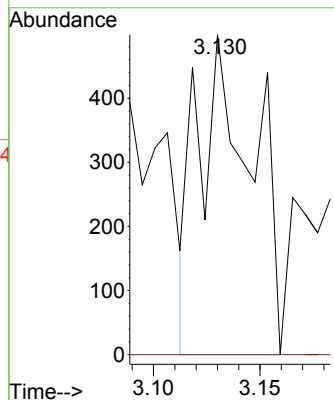
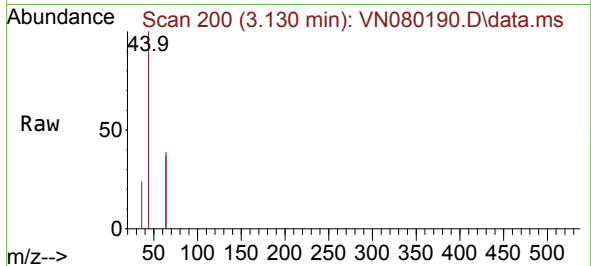




#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

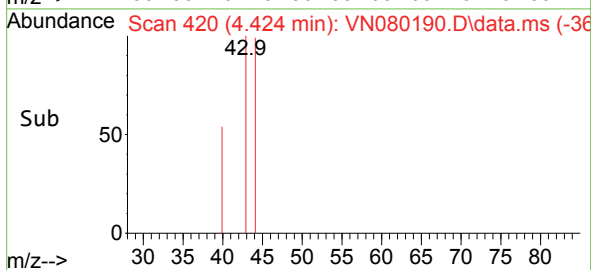
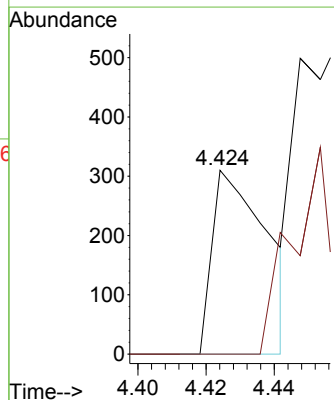
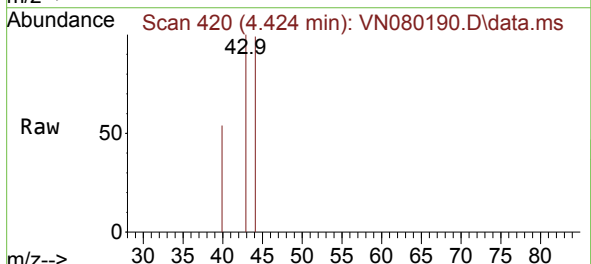
Instrument :
MSVOA_N
ClientSampleId :

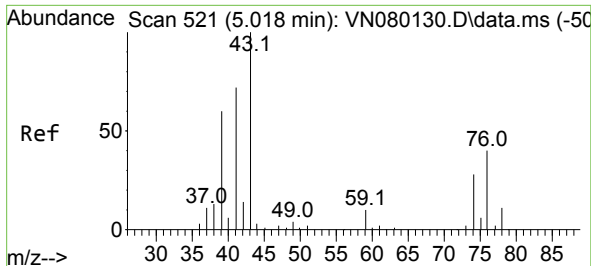
Tgt Ion: 64 Resp: 882
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 0.436 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

Tgt Ion: 43 Resp: 346
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

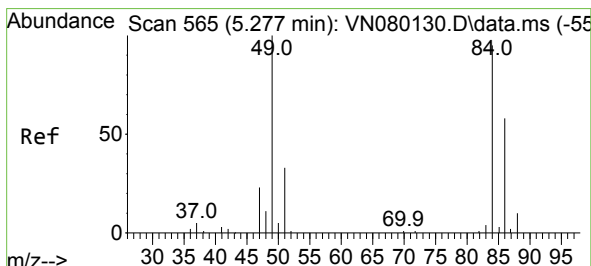
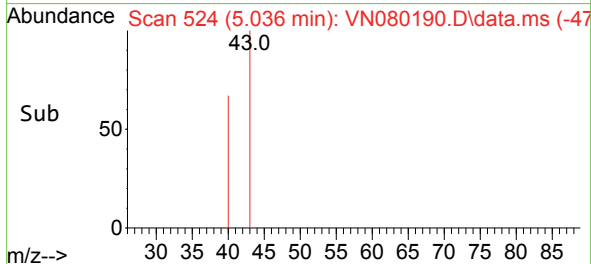
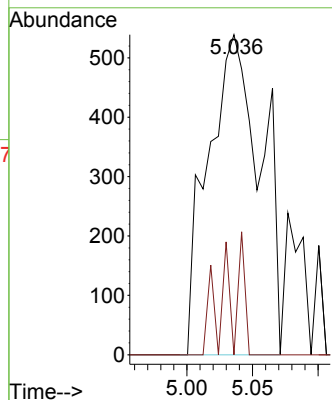
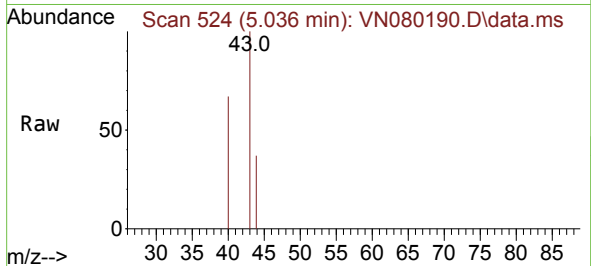




#18
Methyl Acetate
Concen: 0.593 ug/l
RT: 5.036 min Scan# 511
Delta R.T. 0.018 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

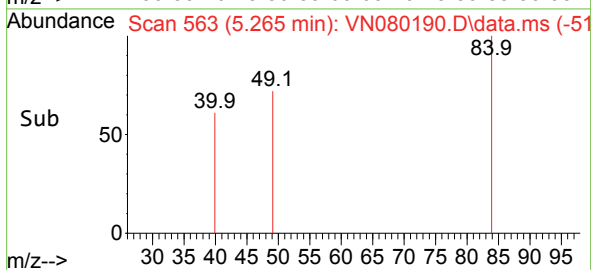
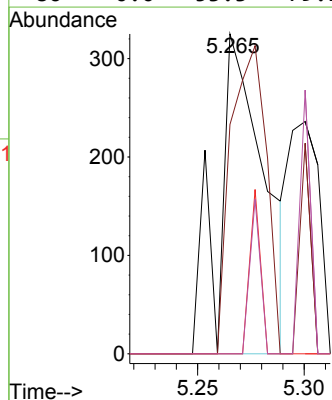
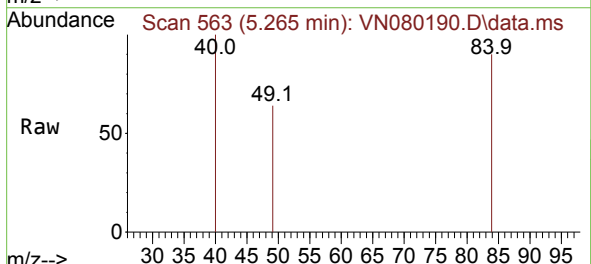
Instrument :
MSVOA_N
ClientSampleId :

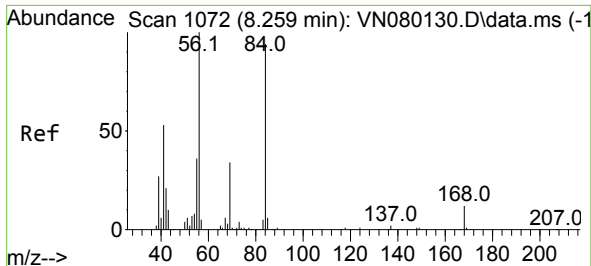
Tgt Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
74 9.3 26.2 39.4#



#20
Methylene Chloride
Concen: 0.287 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

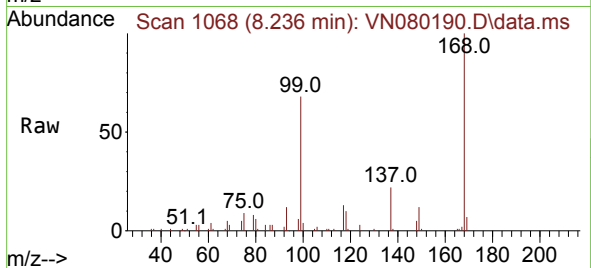
Tgt Ion: 84 Resp: 477
Ion Ratio Lower Upper
84 100
49 71.7 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#



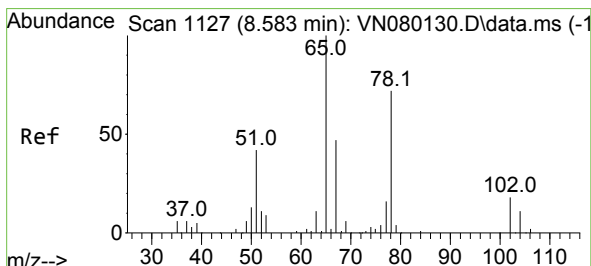
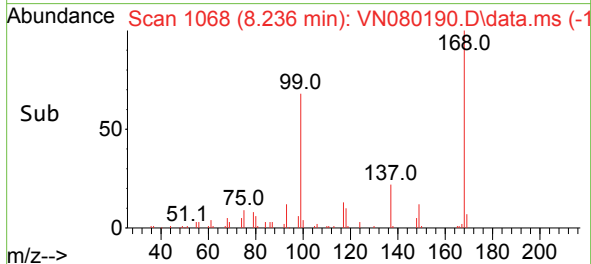
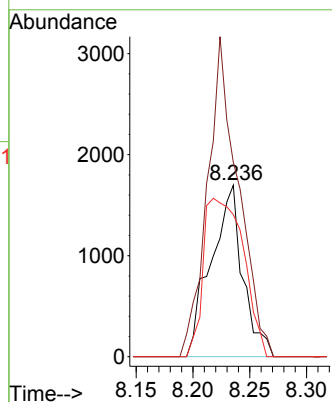


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

Instrument :
MSVOA_N
ClientSampleId :

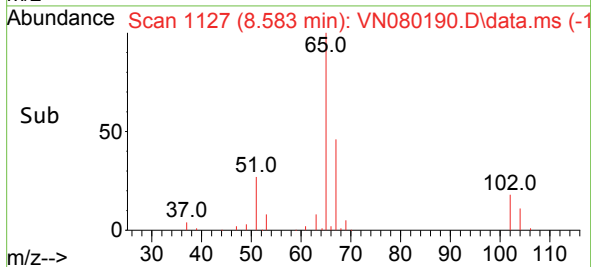
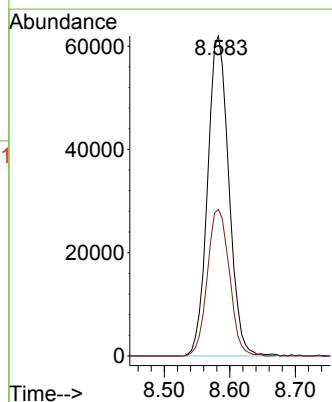
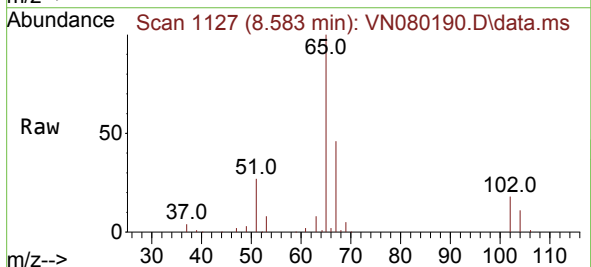


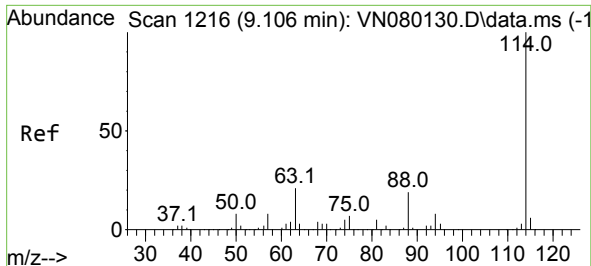
Tgt Ion: 56 Resp: 3294
Ion Ratio Lower Upper
56 100
69 113.3 26.8 40.2#
84 82.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 59.248 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

Tgt Ion: 65 Resp: 139835
Ion Ratio Lower Upper
65 100
67 47.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080190.D

Acq: 18 Nov 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

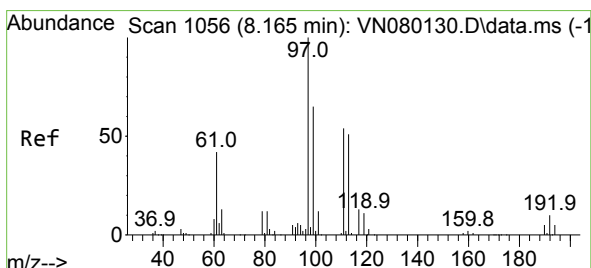
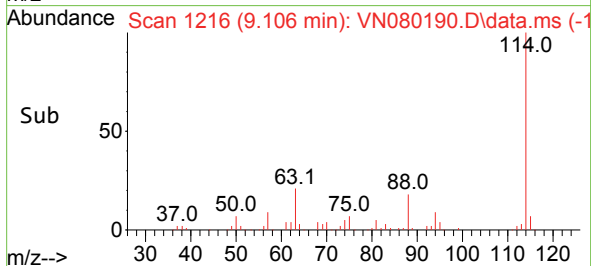
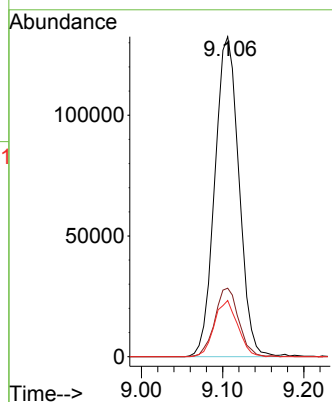
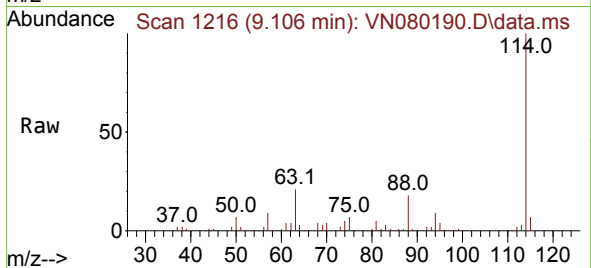
Tgt Ion:114 Resp: 273791

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.519 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080190.D

Acq: 18 Nov 2023 16:55

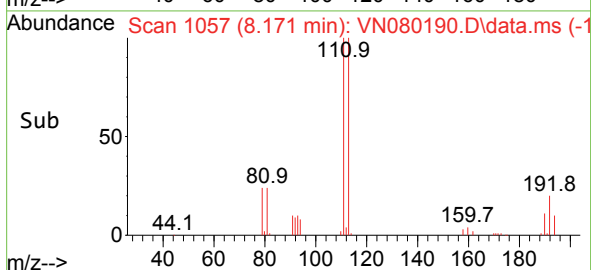
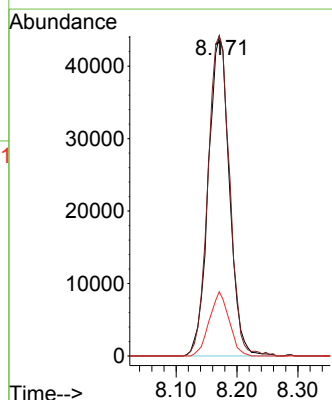
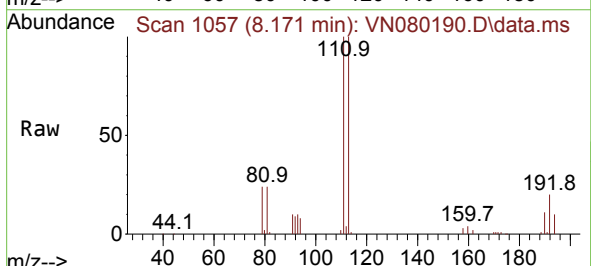
Tgt Ion:113 Resp: 106100

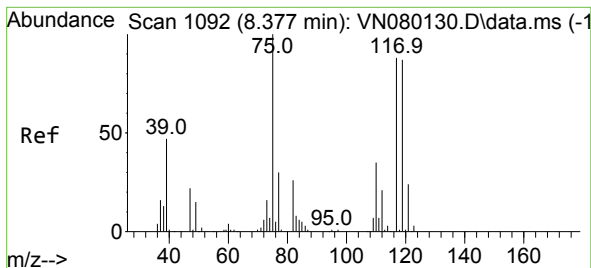
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 18.8 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.359 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

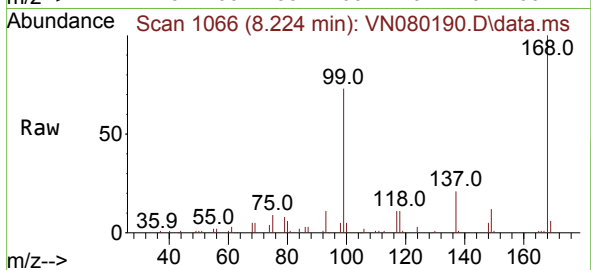
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Acq: 18 Nov 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :



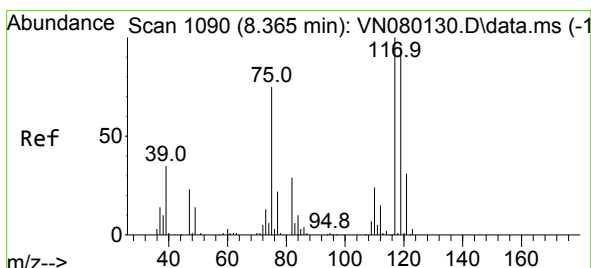
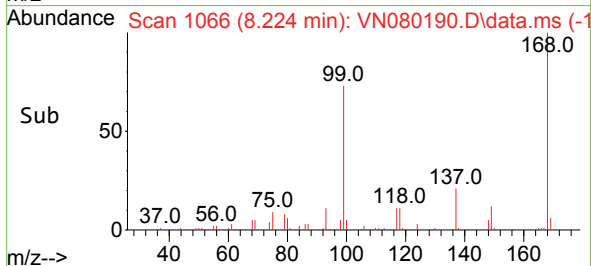
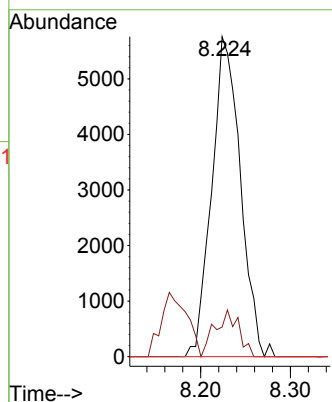
Tgt Ion: 75 Resp: 12751

Ion Ratio Lower Upper

75 100

110 12.0 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.615 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN080190.D

Acq: 18 Nov 2023 16:55

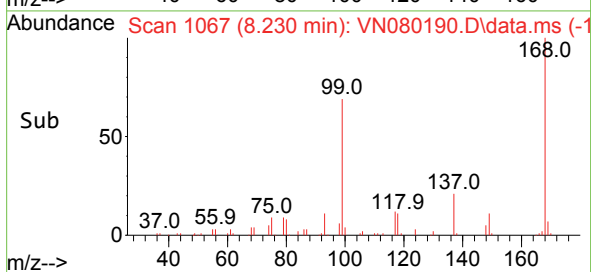
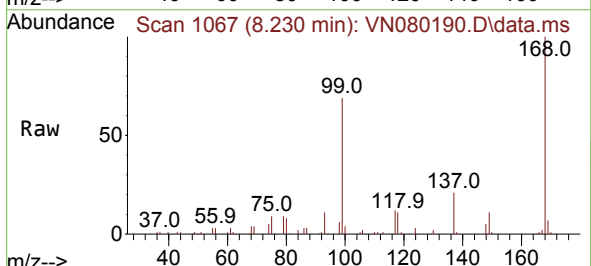
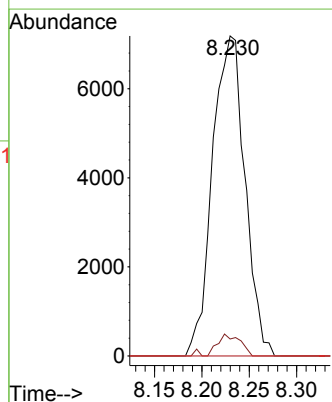
Tgt Ion: 117 Resp: 17131

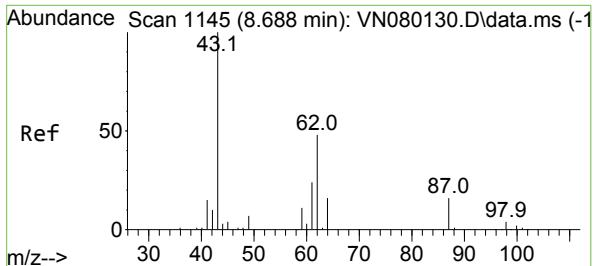
Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

121 0.0 23.3 34.9#

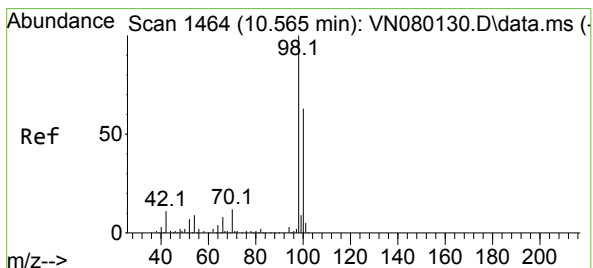
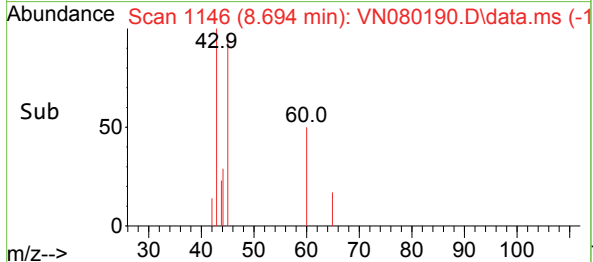
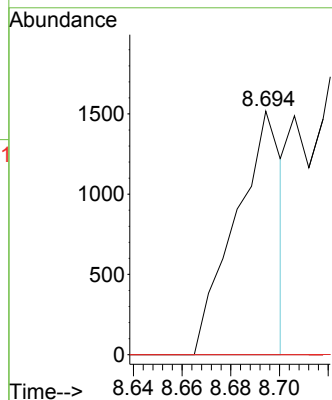
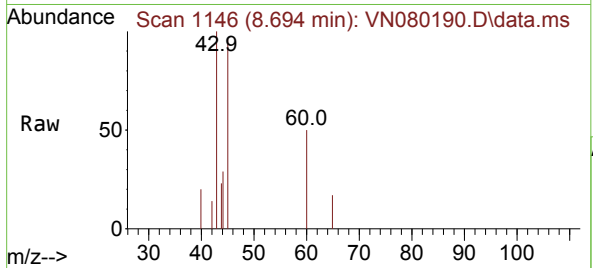




#43
Isopropyl Acetate
Concen: 0.508 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

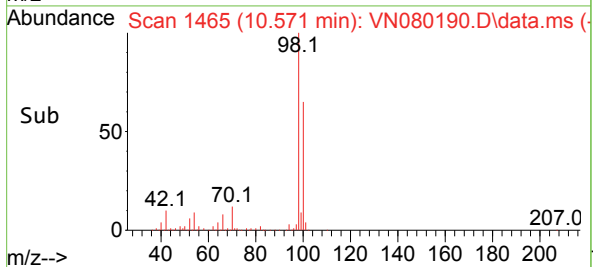
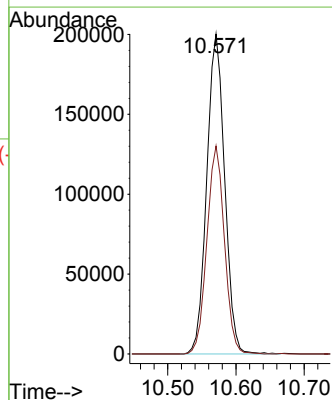
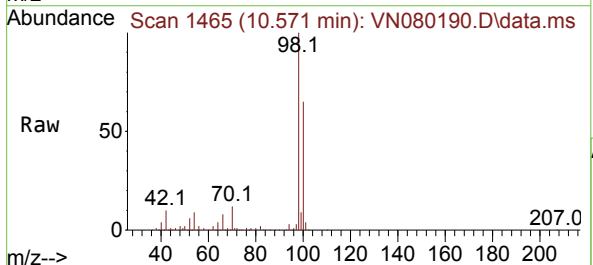
Instrument :
MSVOA_N
ClientSampleId :

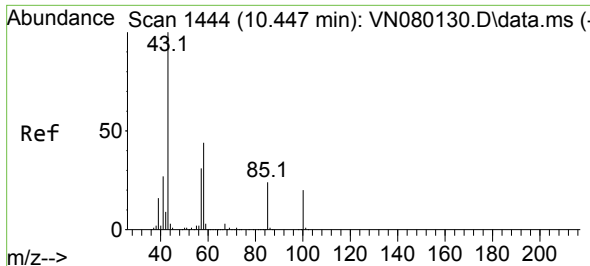
Tgt Ion: 43 Resp: 2004
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 50.302 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

Tgt Ion: 98 Resp: 366322
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

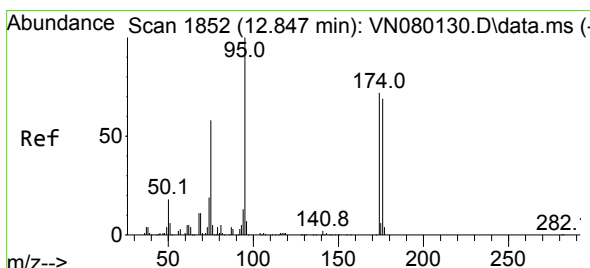
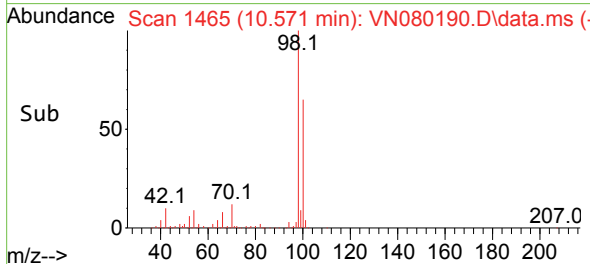
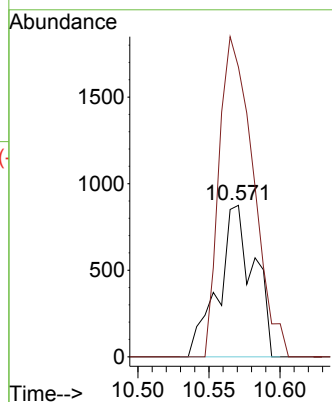
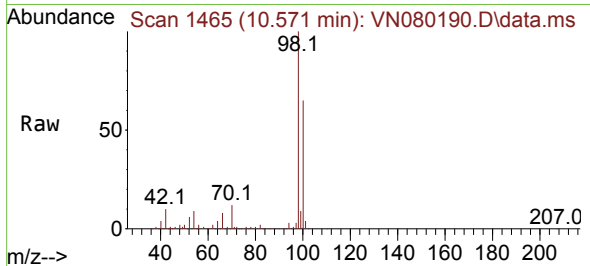




#51
4-Methyl-2-Pentanone
Concen: 0.743 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

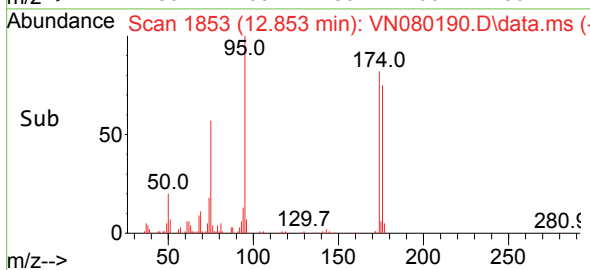
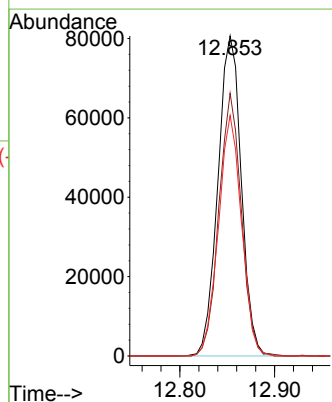
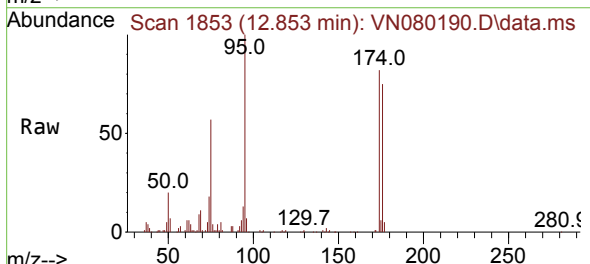
Instrument :
MSVOA_N
ClientSampleId :

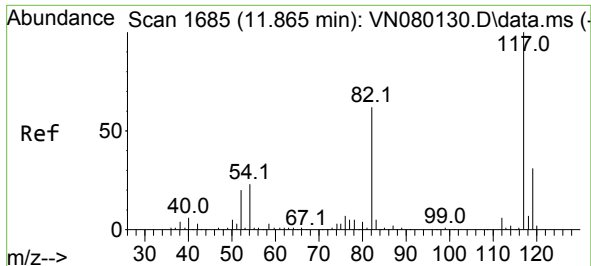
Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
58 203.3 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 50.243 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

Tgt Ion: 95 Resp: 138204
Ion Ratio Lower Upper
95 100
174 78.8 0.0 143.8
176 74.3 0.0 135.8

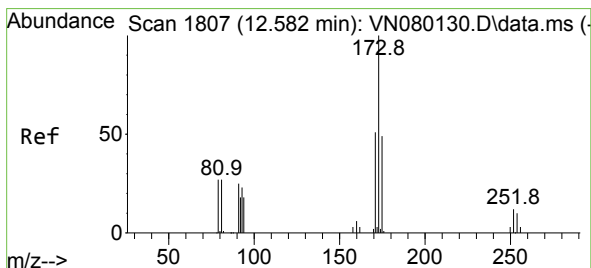
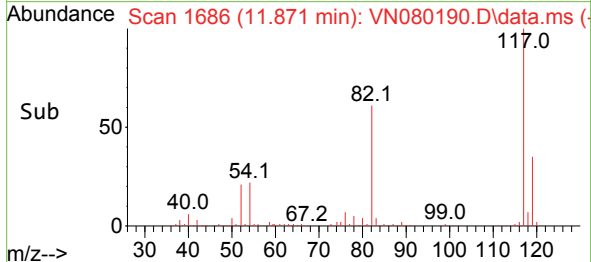
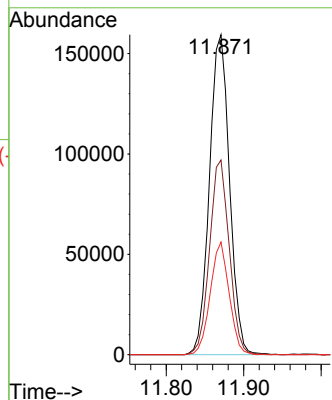
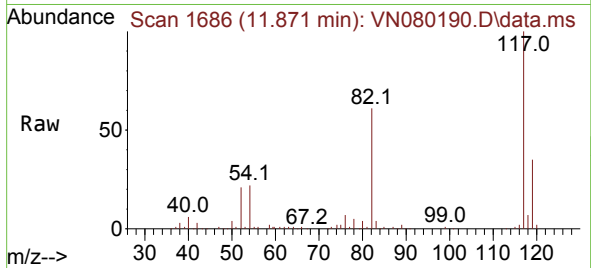




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

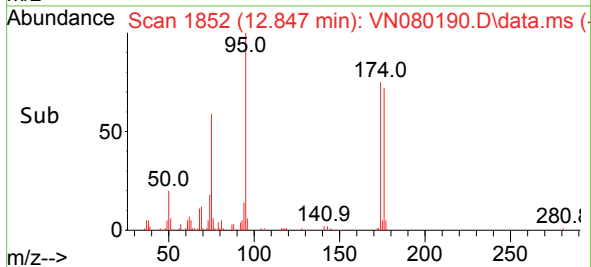
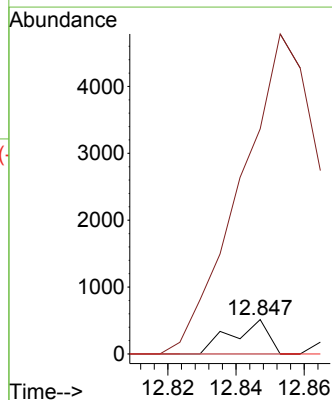
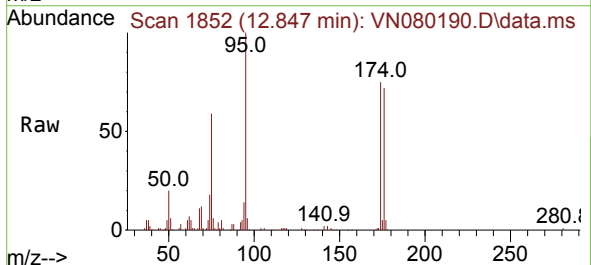
Instrument :
MSVOA_N
ClientSampleId :

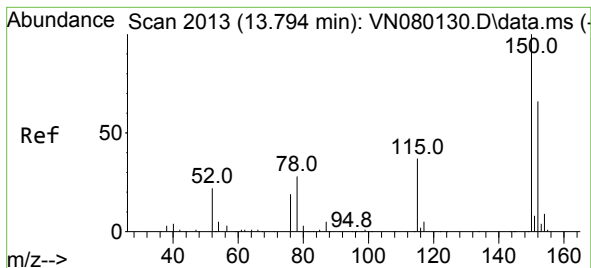
Tgt Ion:117 Resp: 287383
Ion Ratio Lower Upper
117 100
82 60.8 44.0 66.0
119 35.2 25.6 38.4



#71
Bromoform
Concen: 0.203 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN080190.D
Acq: 18 Nov 2023 16:55

Tgt Ion:173 Resp: 381
Ion Ratio Lower Upper
173 100
175 1625.7 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN080190.D

Acq: 18 Nov 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

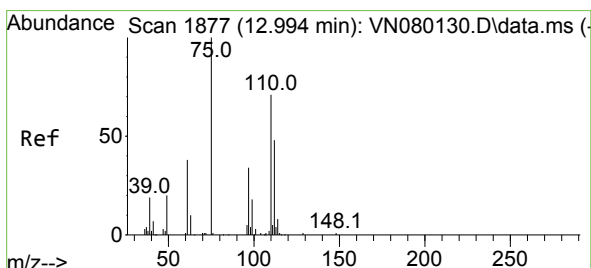
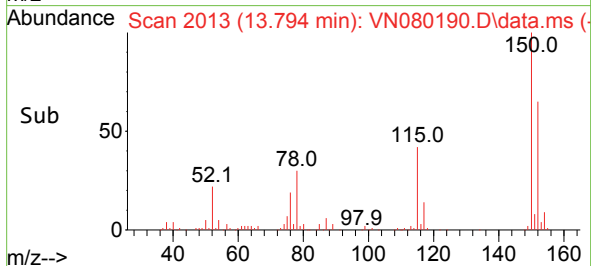
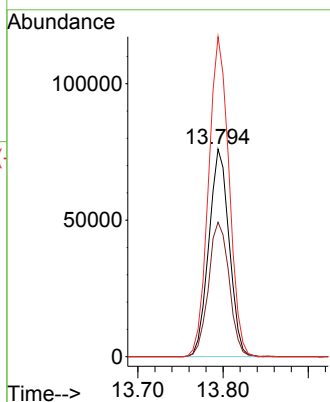
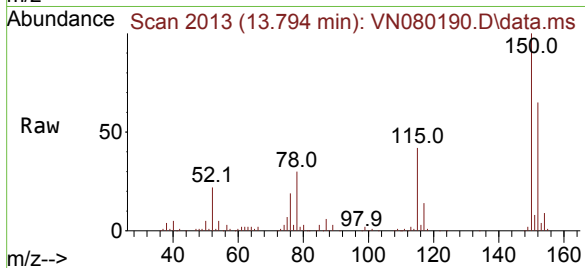
Tgt Ion:152 Resp: 125861

Ion Ratio Lower Upper

152 100

115 66.0 32.3 96.8

150 155.5 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 25.724 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080190.D

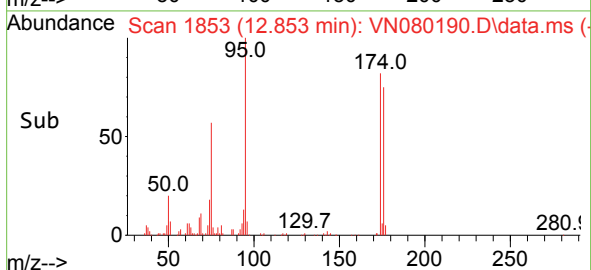
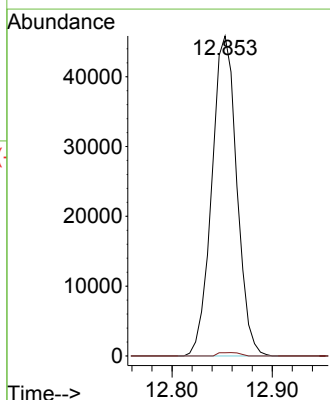
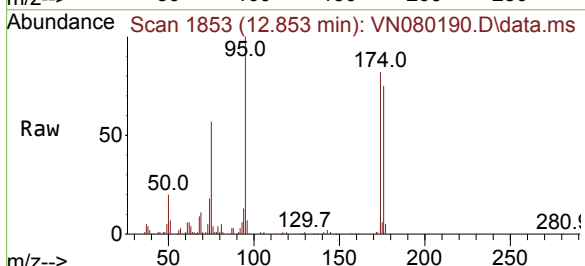
Acq: 18 Nov 2023 16:55

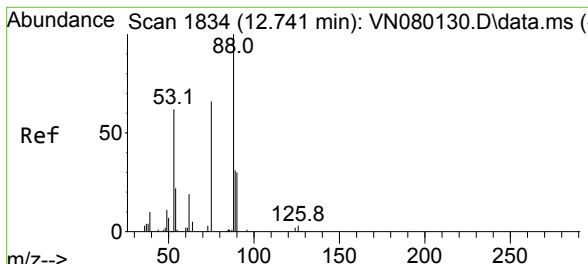
Tgt Ion: 75 Resp: 79329

Ion Ratio Lower Upper

75 100

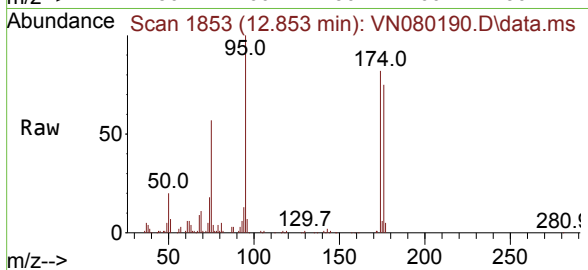
77 0.9 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.912 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080190.D
 Acq: 18 Nov 2023 16:55

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.2#
89	0.0	38.8	58.2#

