

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080189.D
 Acq On : 18 Nov 2023 16:31
 Operator : JC\MD
 Sample : 05490-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 01:27:25 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)

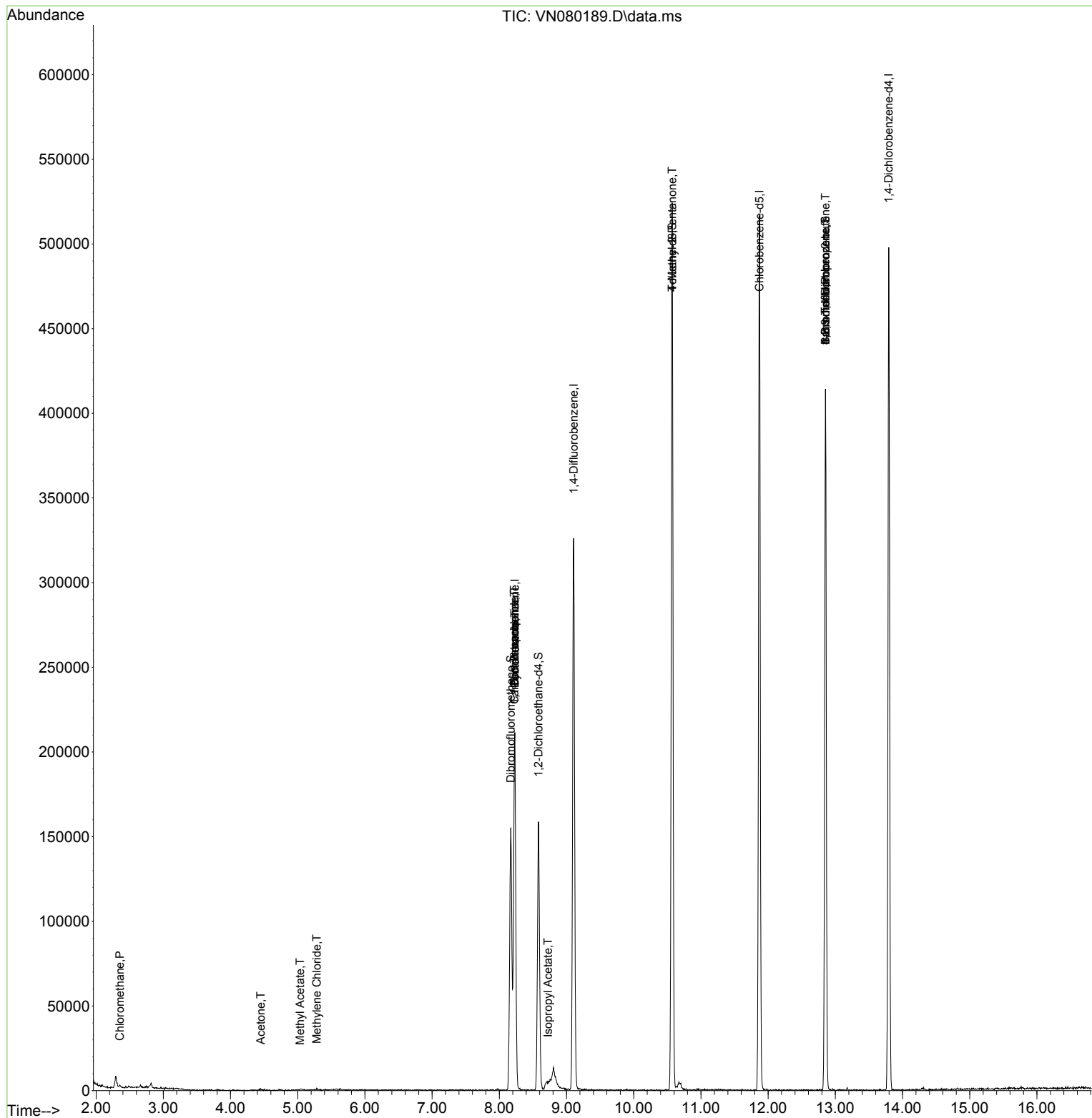
Internal Standards						
1) Pentafluorobenzene	8.230	168	144933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	271352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	290633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	140482	58.704	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.400%	
35) Dibromofluoromethane	8.171	113	105546	52.714	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.420%	
50) Toluene-d8	10.571	98	356967	49.458	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	12.853	95	142374	52.224	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	871	0.537	ug/l	99
6) Chloroethane	3.124	64	329	Below Cal	#	43
16) Acetone	4.448	43	997	1.240	ug/l #	81
18) Methyl Acetate	5.036	43	713	0.276	ug/l #	66
20) Methylene Chloride	5.283	84	378	0.225	ug/l #	63
31) Cyclohexane	8.230	56	3392	1.303	ug/l #	57
36) 1,1-Dichloropropene	8.224	75	12491	4.309	ug/l #	50
38) Carbon Tetrachloride	8.224	117	16275	4.424	ug/l #	16
43) Isopropyl Acetate	8.724	43	4610	1.178	ug/l #	49
51) 4-Methyl-2-Pentanone	10.571	43	1350	0.666	ug/l #	1
71) Bromoform	12.853	173	933	0.492	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	79221	25.098	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	79221	84.797	ug/l #	15

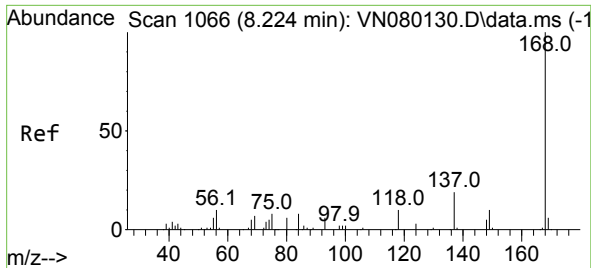
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
Data File : VN080189.D
Acq On : 18 Nov 2023 16:31
Operator : JC\MD
Sample : 05490-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 20 01:27:25 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

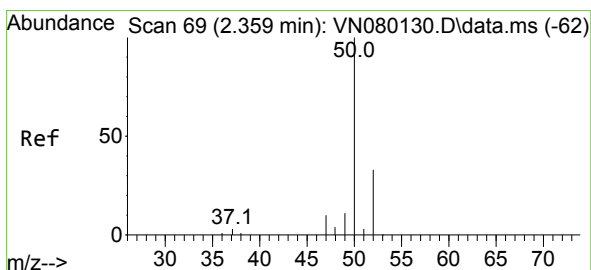
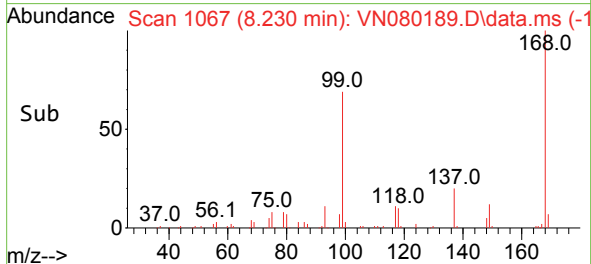
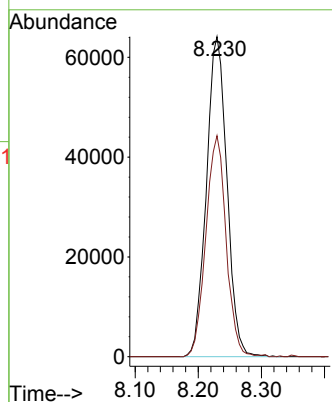
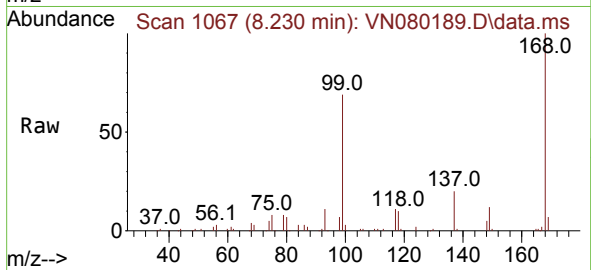




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

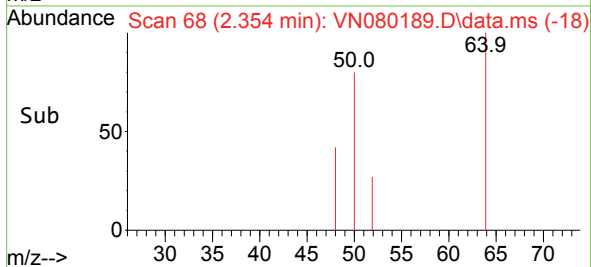
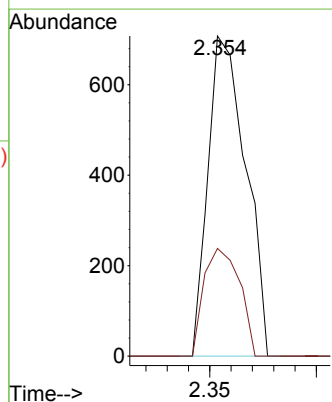
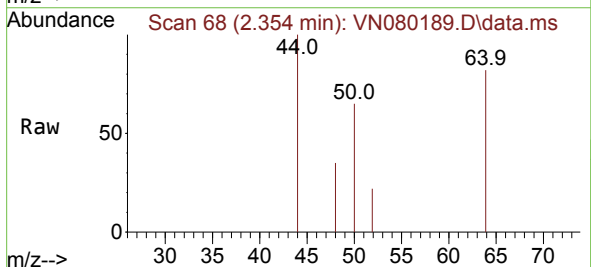
Instrument :
MSVOA_N
ClientSampleId :

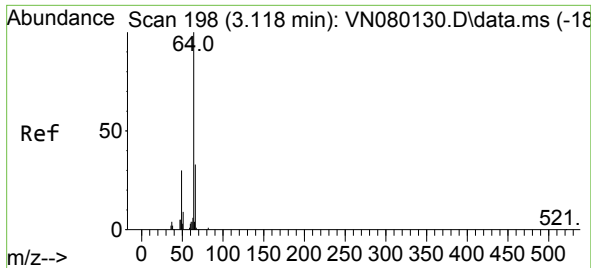
Tgt Ion:168 Resp: 144933
Ion Ratio Lower Upper
168 100
99 69.0 53.0 79.6



#3
Chloromethane
Concen: 0.537 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

Tgt Ion: 50 Resp: 871
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7

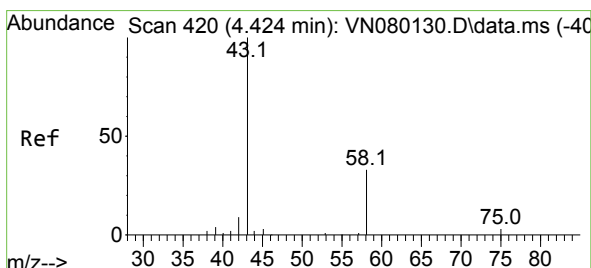
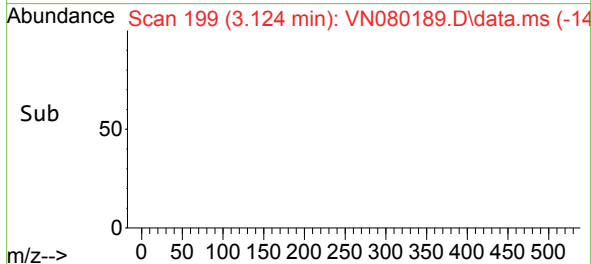
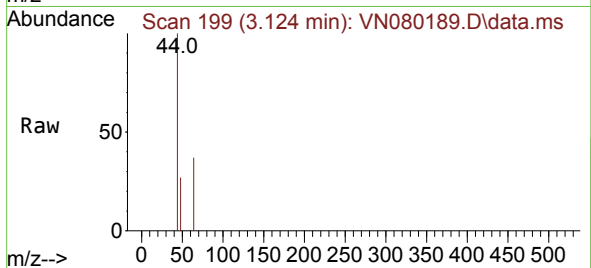




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 19
Delta R.T. 0.006 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

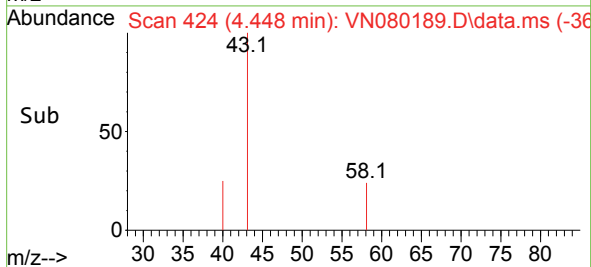
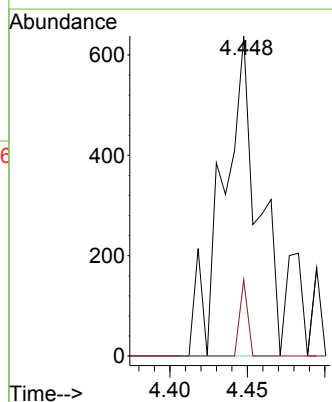
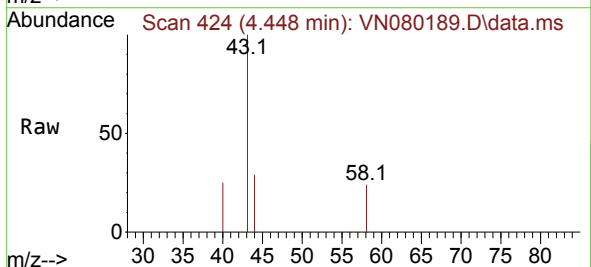
Instrument :
MSVOA_N
ClientSampleId :

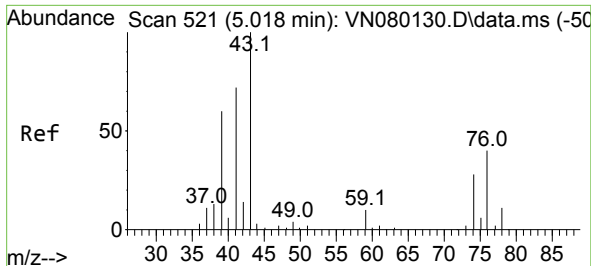
Tgt Ion: 64 Resp: 329
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 1.240 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
58 23.8 28.0 42.0#

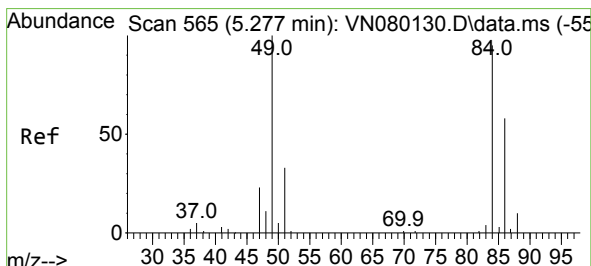
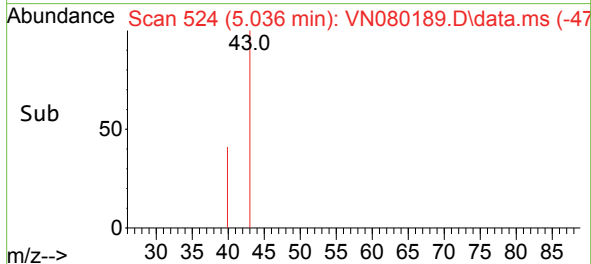
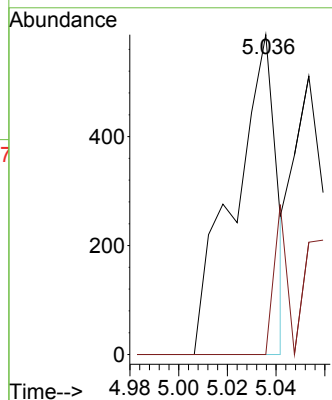
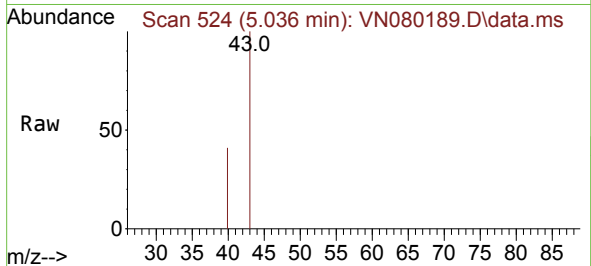




#18
Methyl Acetate
Concen: 0.276 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

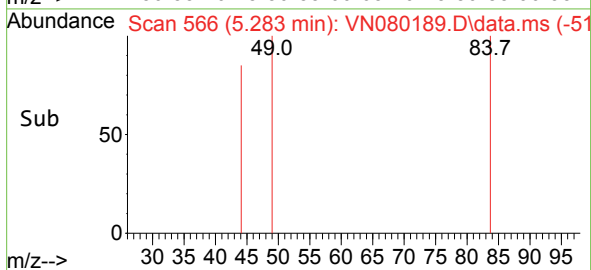
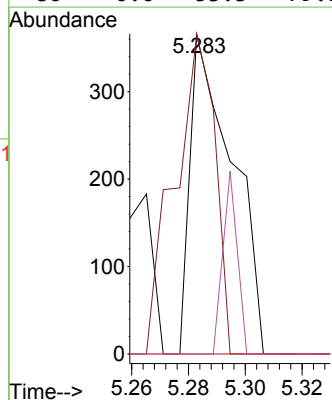
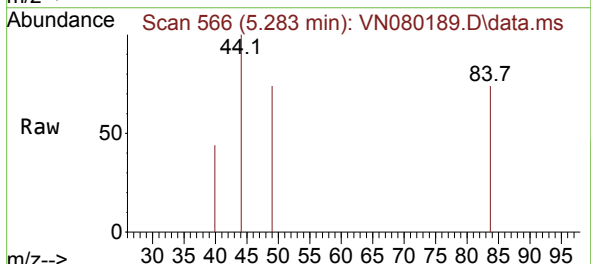
Instrument :
MSVOA_N
ClientSampleId :

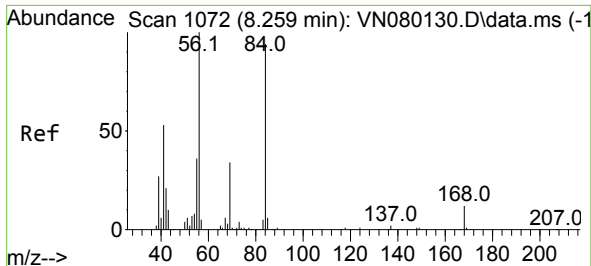
Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
74 13.6 26.2 39.4#



#20
Methylene Chloride
Concen: 0.225 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

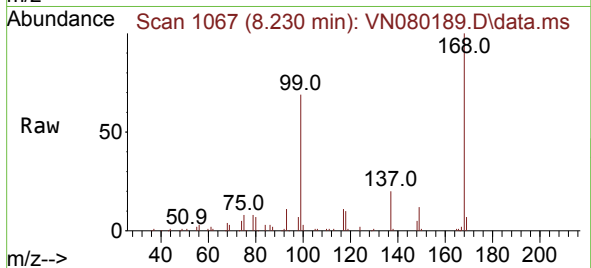
Tgt Ion: 84 Resp: 378
Ion Ratio Lower Upper
84 100
49 100.3 79.7 119.5
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#



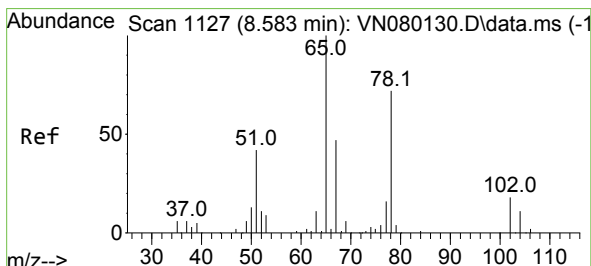
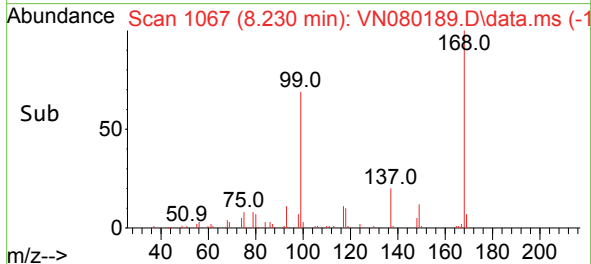
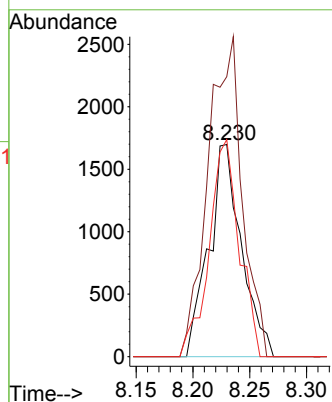


#31
Cyclohexane
Concen: 1.303 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :

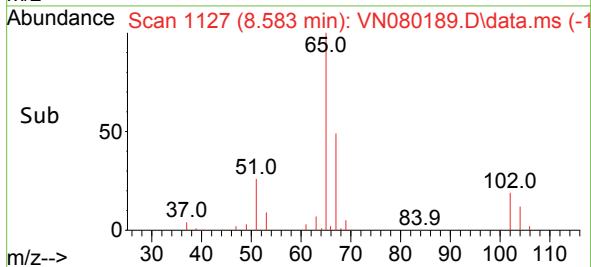
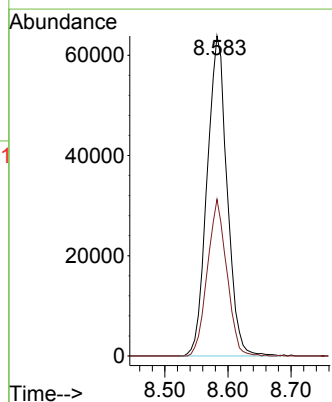
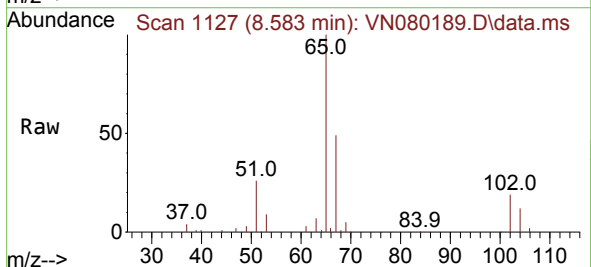


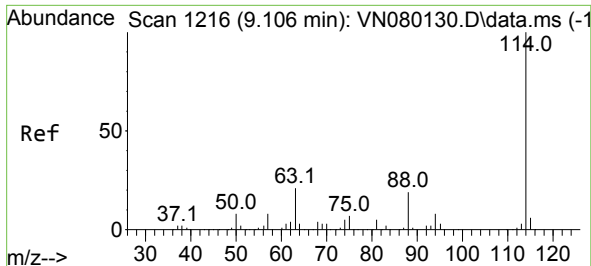
Tgt Ion: 56 Resp: 3392
Ion Ratio Lower Upper
56 100
69 132.0 26.8 40.2#
84 102.4 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 58.704 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

Tgt Ion: 65 Resp: 140482
Ion Ratio Lower Upper
65 100
67 47.4 0.0 106.6

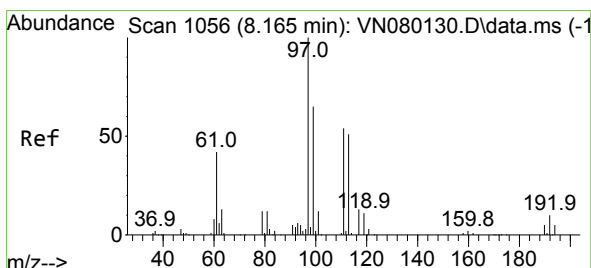
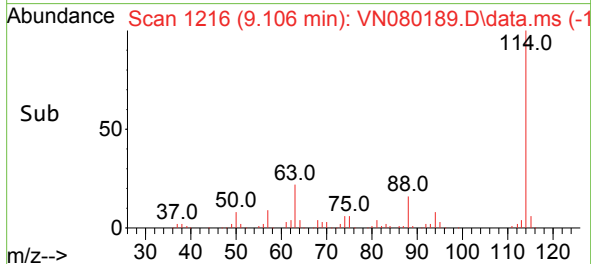
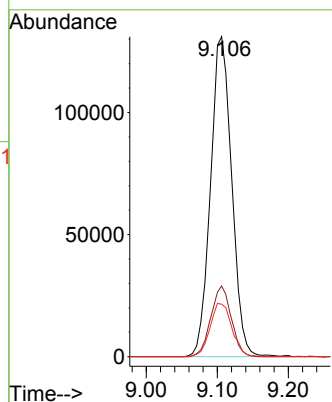
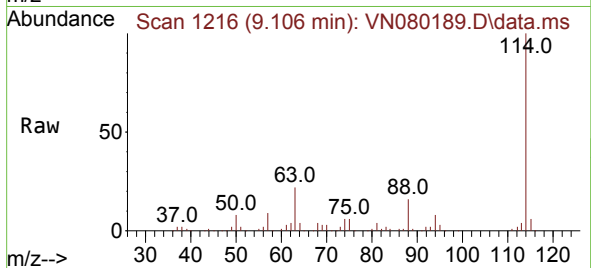




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

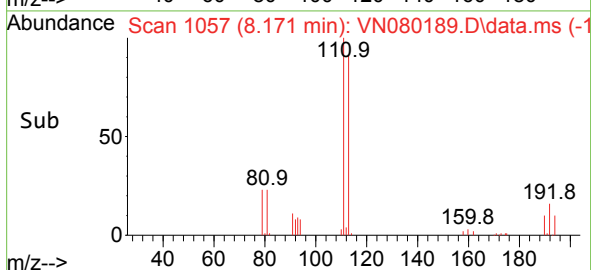
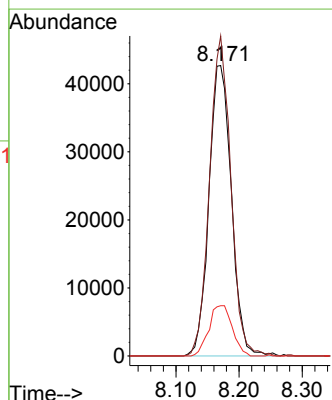
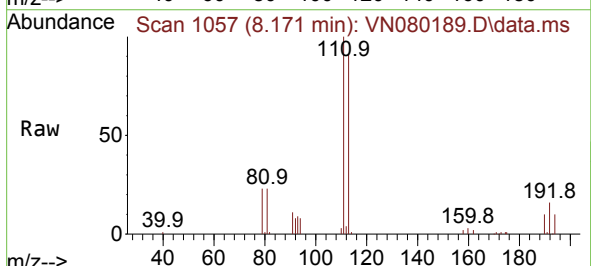
Instrument :
MSVOA_N
ClientSampleId :

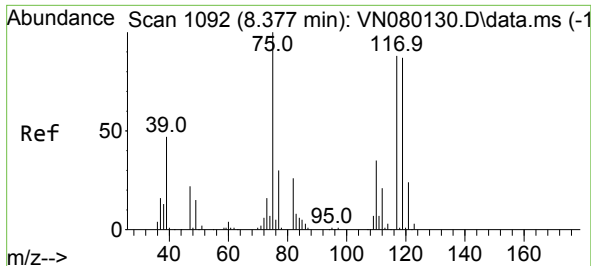
Tgt Ion:114 Resp: 271352
Ion Ratio Lower Upper
114 100
63 22.1 0.0 36.4
88 16.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.714 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

Tgt Ion:113 Resp: 105546
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 18.0 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.309 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

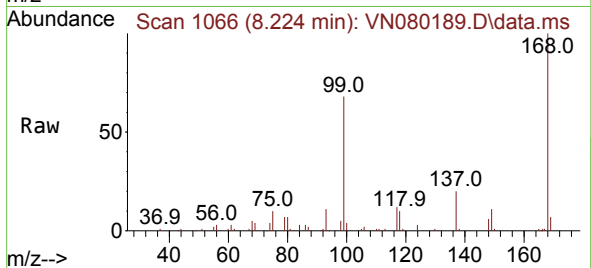
Lab File: VN080189.D

Acq: 18 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :



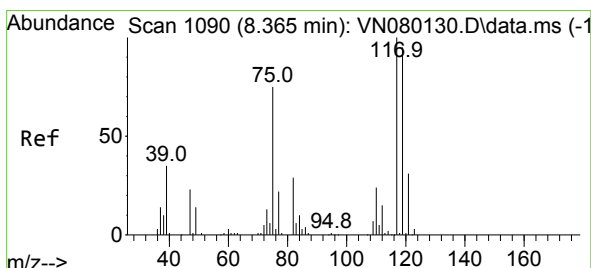
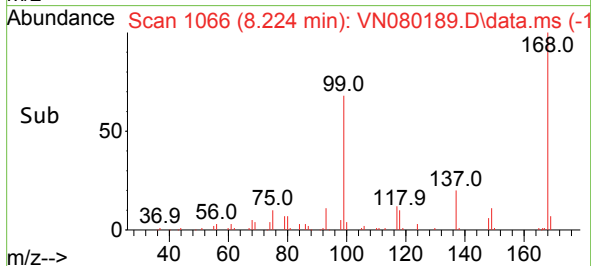
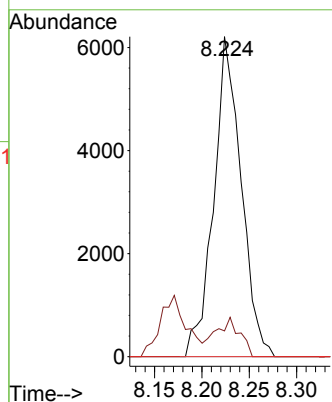
Tgt Ion: 75 Resp: 12491

Ion Ratio Lower Upper

75 100

110 10.9 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.424 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080189.D

Acq: 18 Nov 2023 16:31

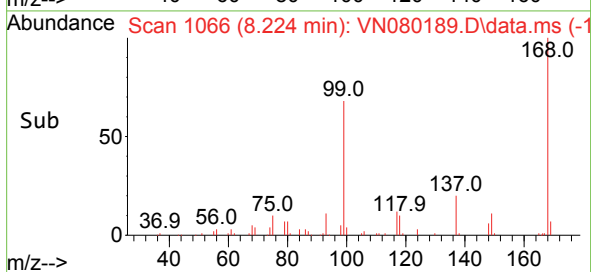
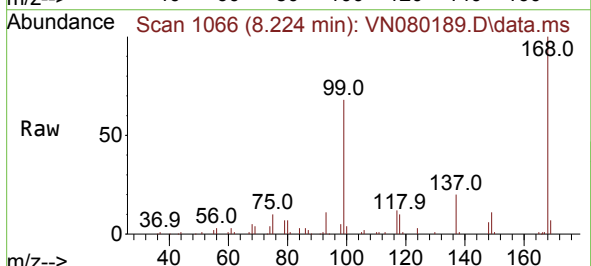
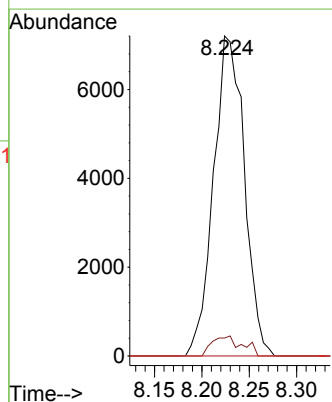
Tgt Ion: 117 Resp: 16275

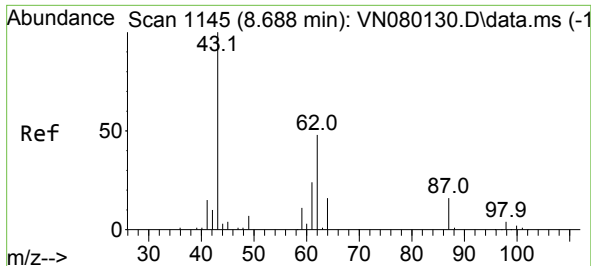
Ion Ratio Lower Upper

117 100

119 5.6 77.3 115.9#

121 0.0 23.3 34.9#

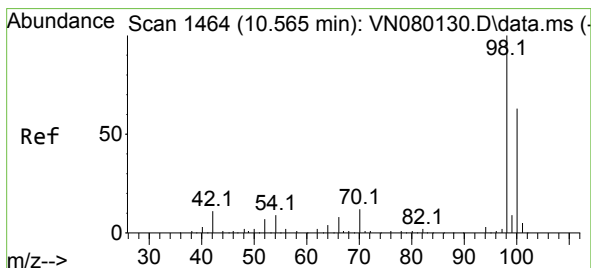
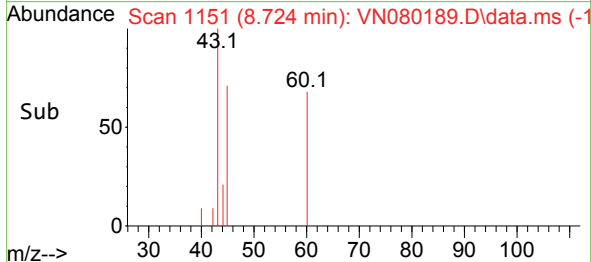
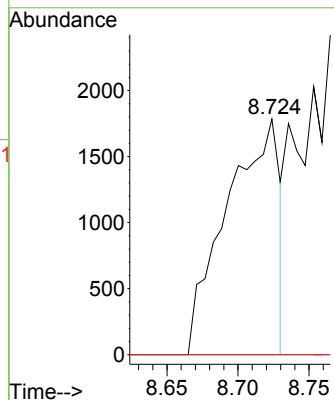
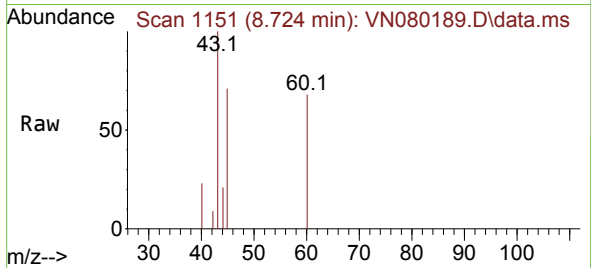




#43
Isopropyl Acetate
Concen: 1.178 ug/l
RT: 8.724 min Scan# 1145
Delta R.T. 0.035 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

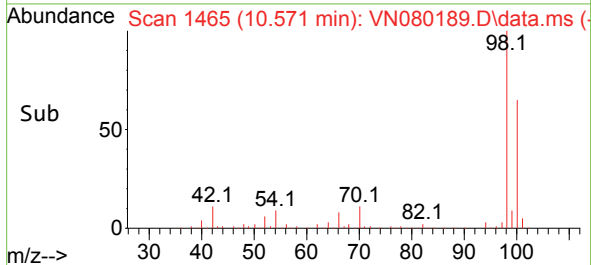
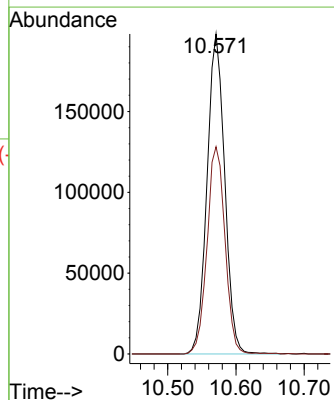
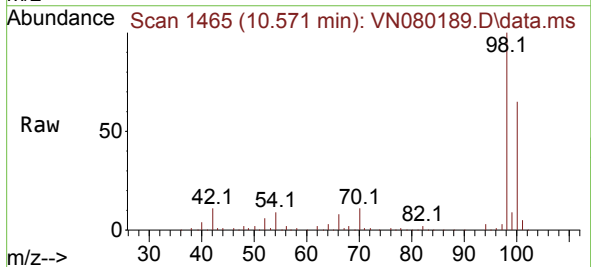
Instrument :
MSVOA_N
ClientSampleId :

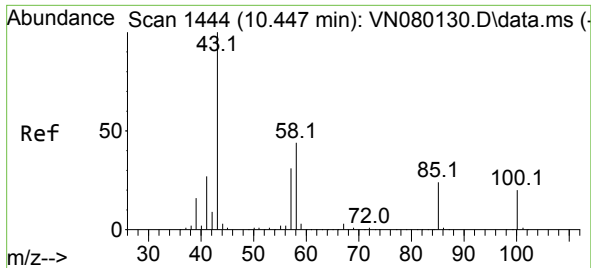
Tgt Ion: 43 Resp: 4610
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.458 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

Tgt Ion: 98 Resp: 356967
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

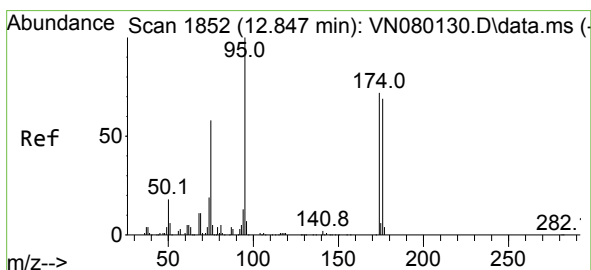
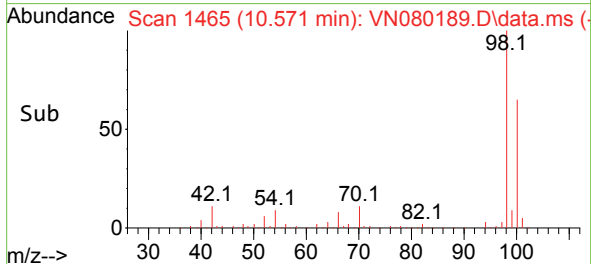
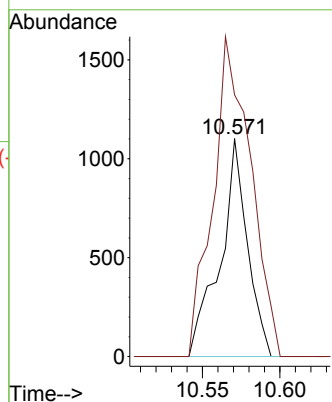
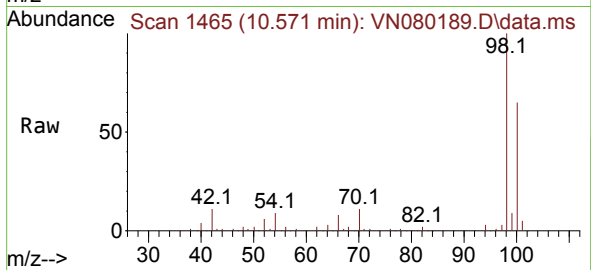




#51
4-Methyl-2-Pentanone
Concen: 0.666 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

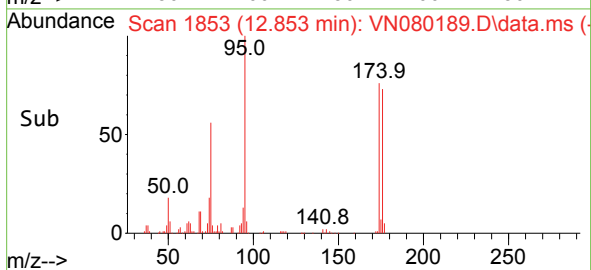
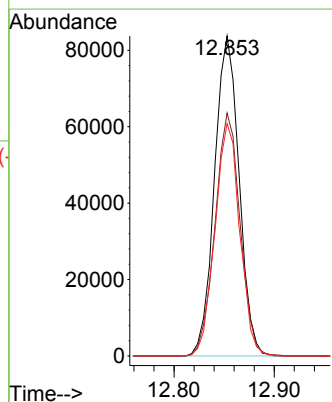
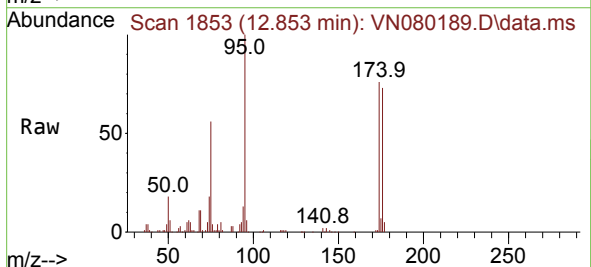
Instrument :
MSVOA_N
ClientSampleId :

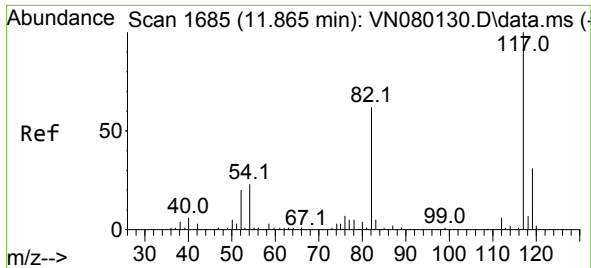
Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
58 202.5 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 52.224 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

Tgt Ion: 95 Resp: 142374
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 73.2 0.0 135.8

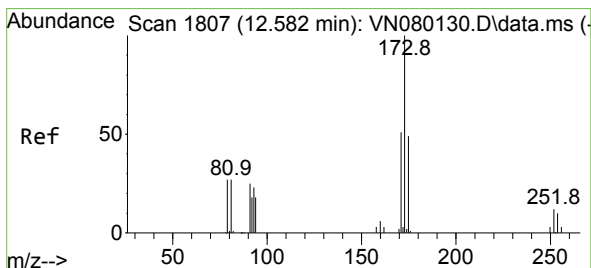
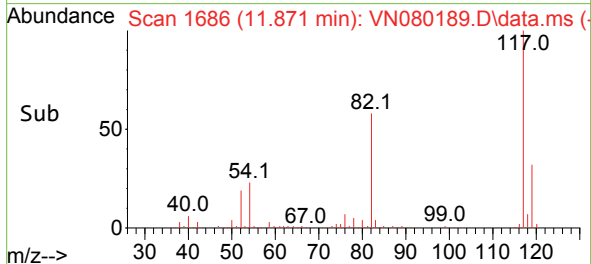
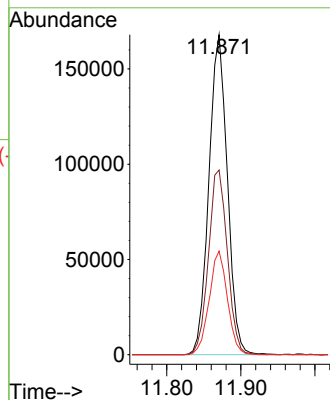
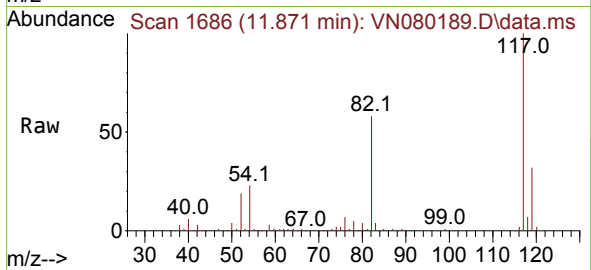




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

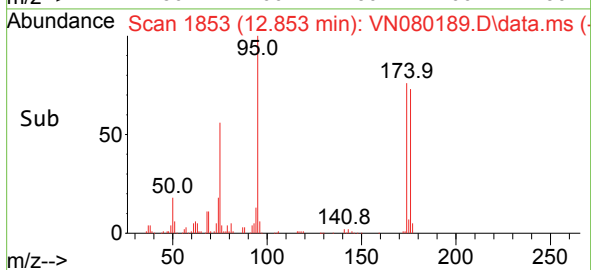
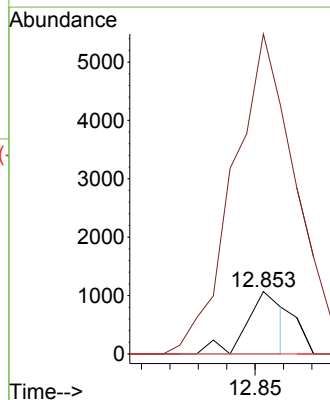
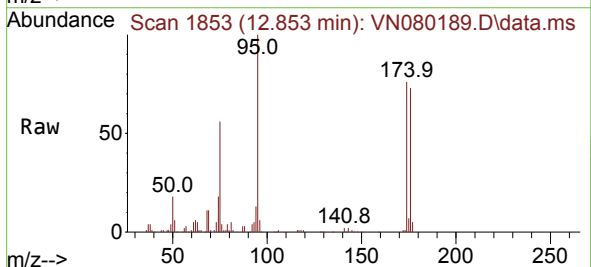
Instrument :
MSVOA_N
ClientSampleId :

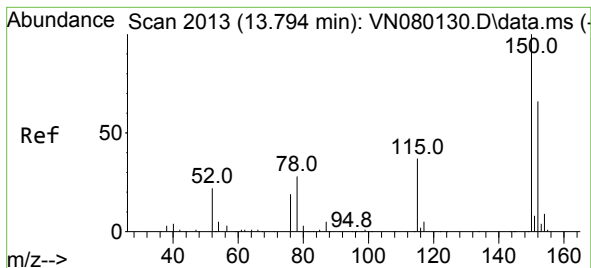
Tgt Ion:117 Resp: 290633
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 32.3 25.6 38.4



#71
Bromoform
Concen: 0.492 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN080189.D
Acq: 18 Nov 2023 16:31

Tgt Ion:173 Resp: 933
Ion Ratio Lower Upper
173 100
175 699.2 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: VN080189.D

Acq: 18 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

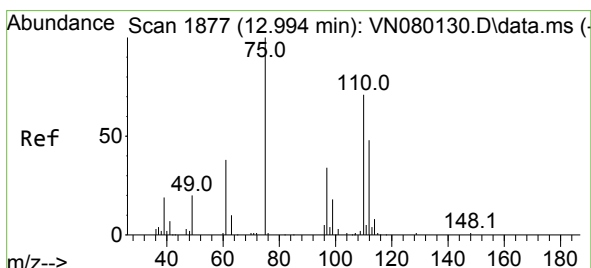
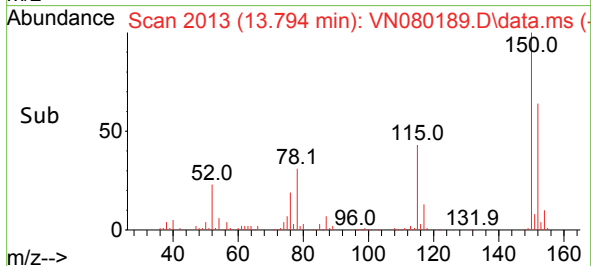
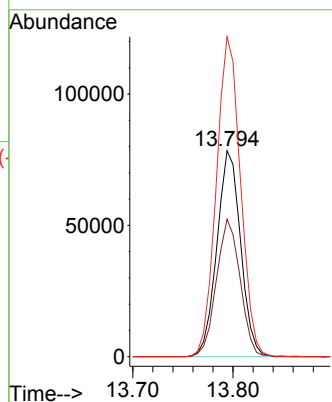
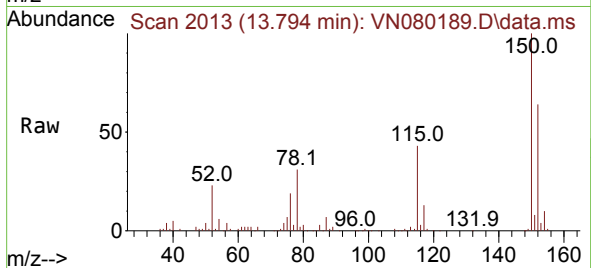
Tgt Ion:152 Resp: 128825

Ion Ratio Lower Upper

152 100

115 66.8 32.3 96.8

150 158.1 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 25.098 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080189.D

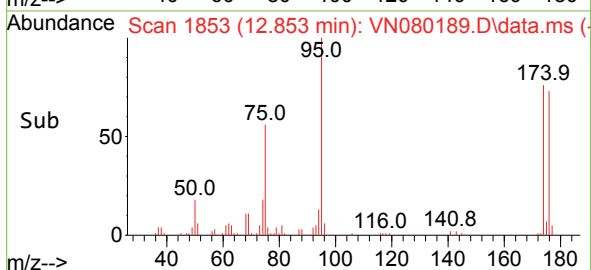
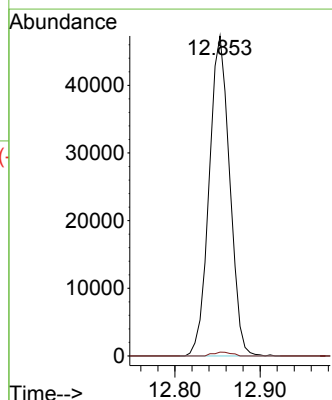
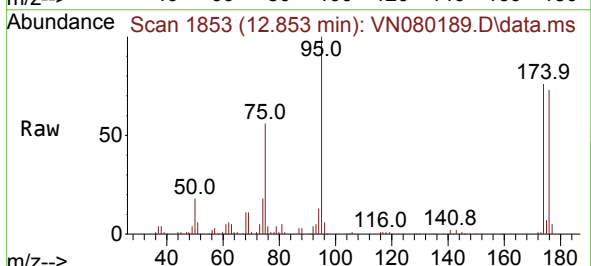
Acq: 18 Nov 2023 16:31

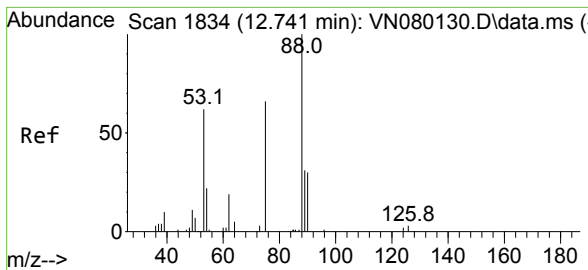
Tgt Ion: 75 Resp: 79221

Ion Ratio Lower Upper

75 100

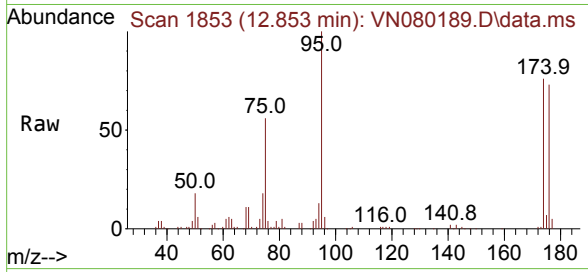
77 1.1 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.797 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080189.D
 Acq: 18 Nov 2023 16:31

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 79221
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

