

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080322.D
 Acq On : 01 Dec 2023 15:36
 Operator : JC\MD
 Sample : 05607-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 01 22:35:10 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)

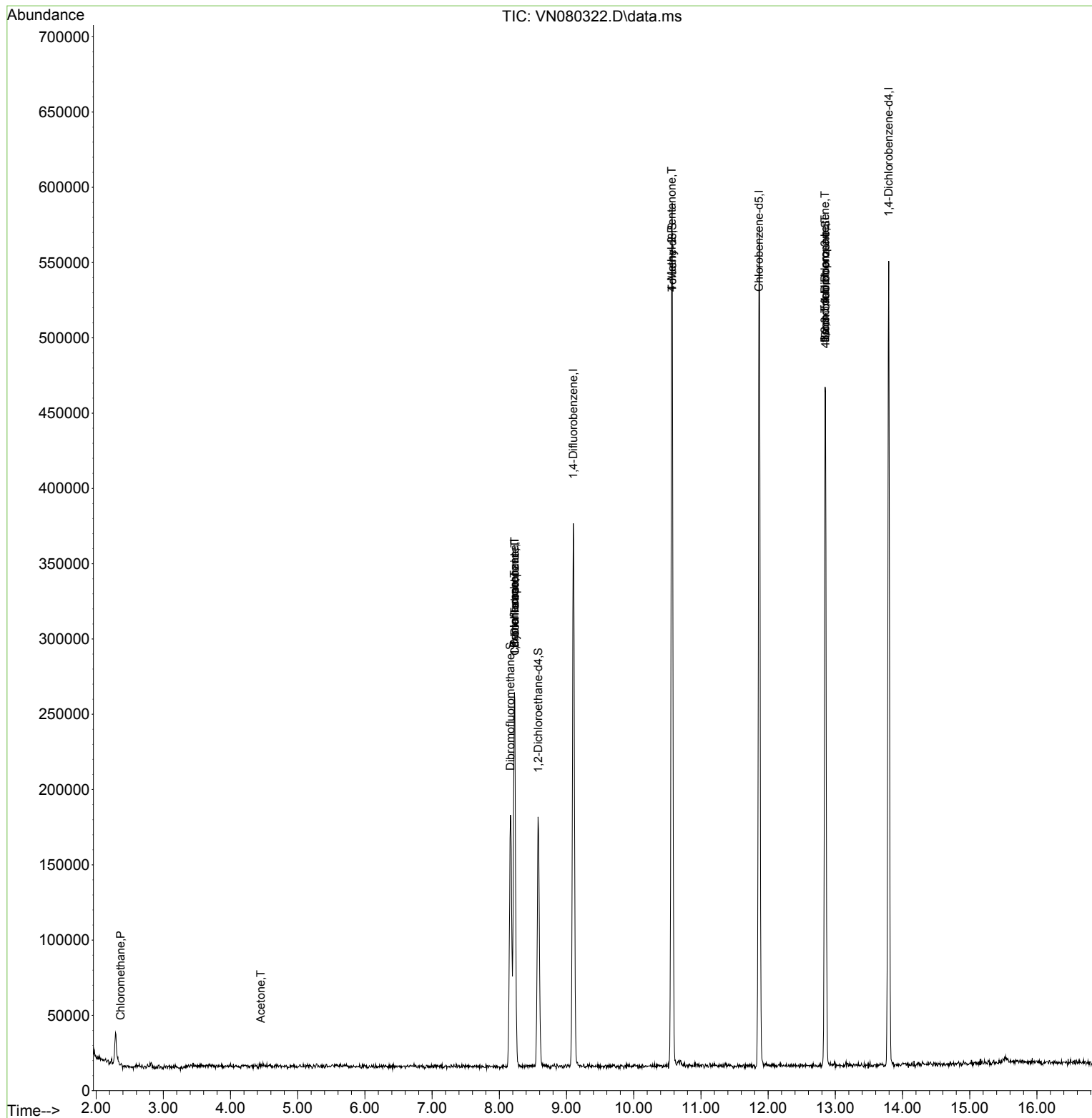
Internal Standards						
1) Pentafluorobenzene	8.224	168	169380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149010	53.280	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.560%	
35) Dibromofluoromethane	8.165	113	116943	51.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.500%	
50) Toluene-d8	10.571	98	401038	49.227	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.460%	
62) 4-Bromofluorobenzene	12.853	95	158448	51.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	742	0.391	ug/l #	42
6) Chloroethane	3.106	64	210	Below Cal	#	43
16) Acetone	4.448	43	790	0.841	ug/l #	40
31) Cyclohexane	8.224	56	3701	1.217	ug/l #	37
36) 1,1-Dichloropropene	8.230	75	13983	4.274	ug/l #	50
38) Carbon Tetrachloride	8.230	117	20311	4.892	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1576	0.689	ug/l #	1
71) Bromoform	12.847	173	1063	0.512	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	88361	25.141	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	88361	84.942	ug/l #	15

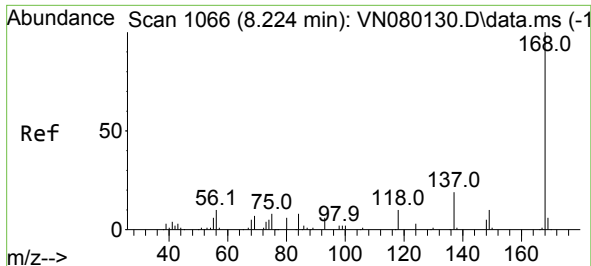
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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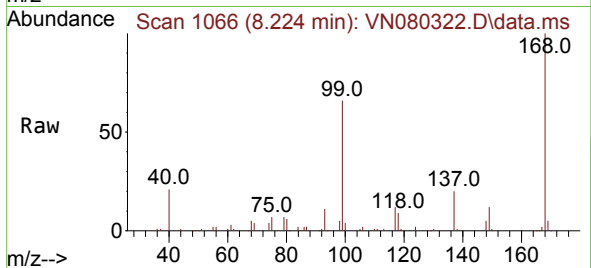
Quant Time: Dec 01 22:35:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
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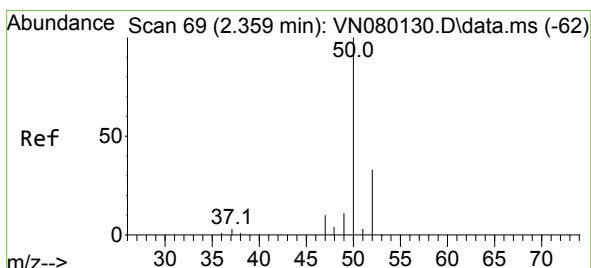
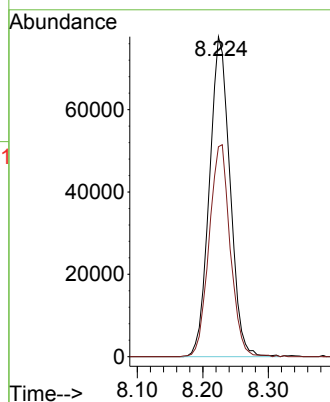
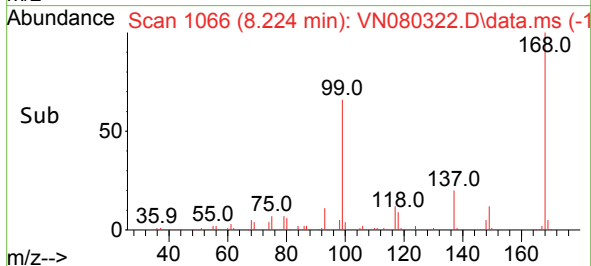


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :

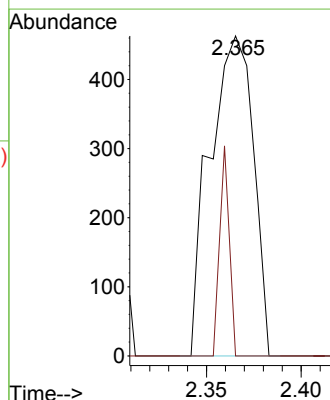
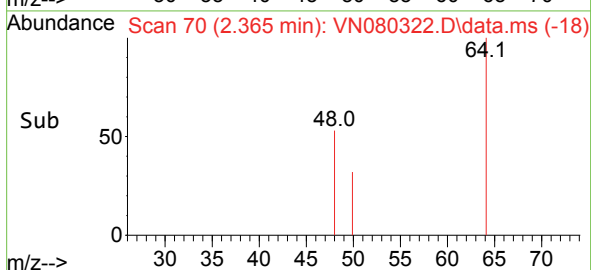
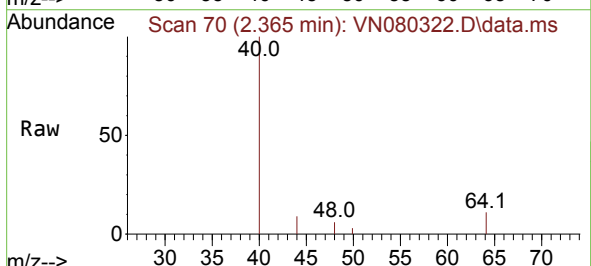


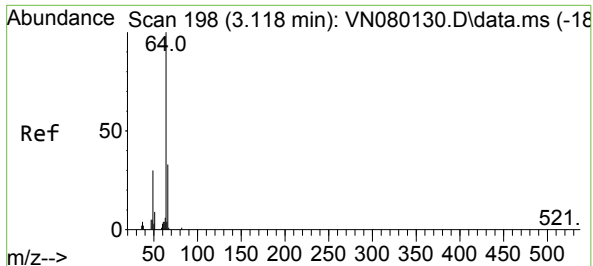
Tgt Ion:168 Resp: 169380
Ion Ratio Lower Upper
168 100
99 65.6 53.0 79.6



#3
Chloromethane
Concen: 0.391 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

Tgt Ion: 50 Resp: 742
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

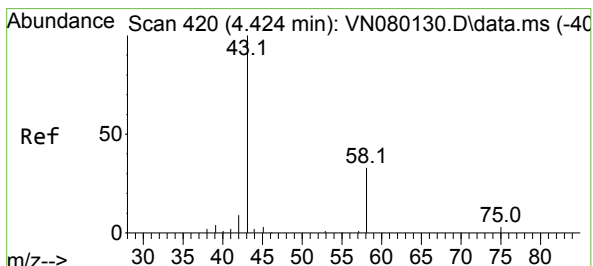
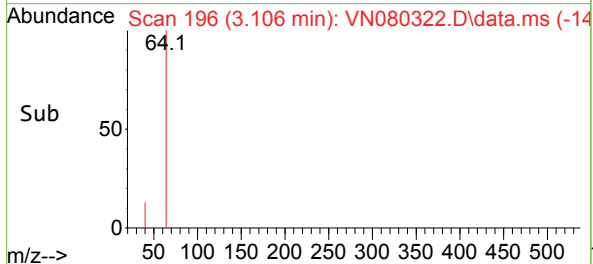
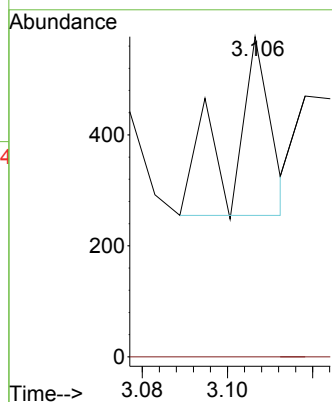
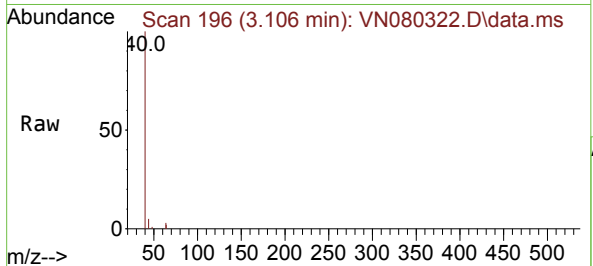




#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 198
Delta R.T. -0.012 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

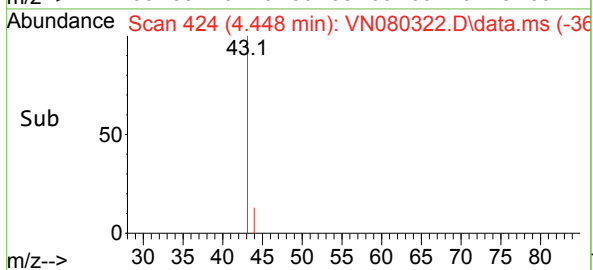
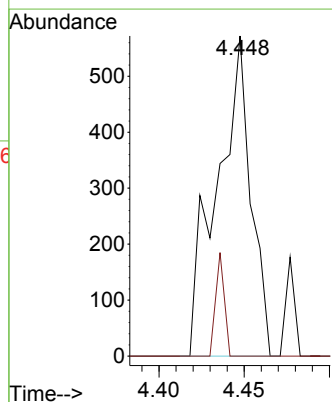
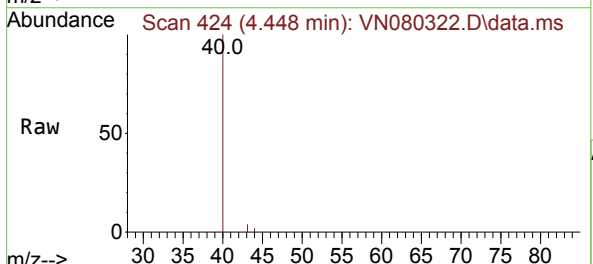
Instrument :
MSVOA_N
ClientSampleId :

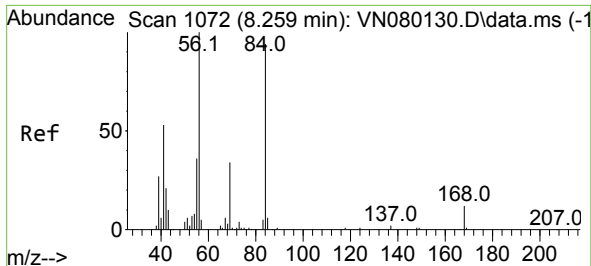
Tgt Ion: 64 Resp: 210
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 0.841 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

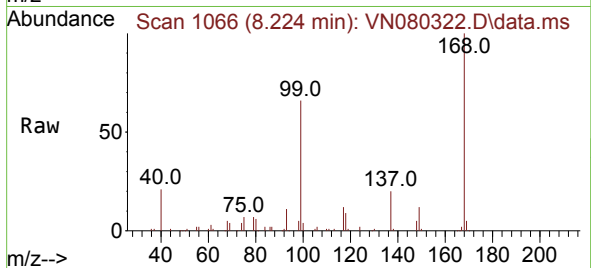
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



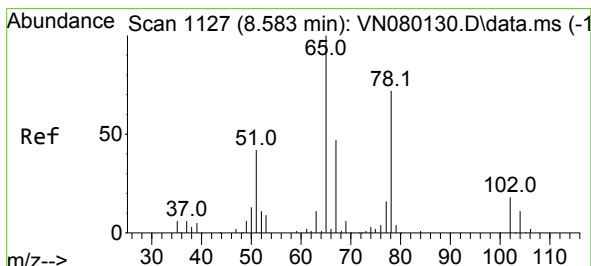
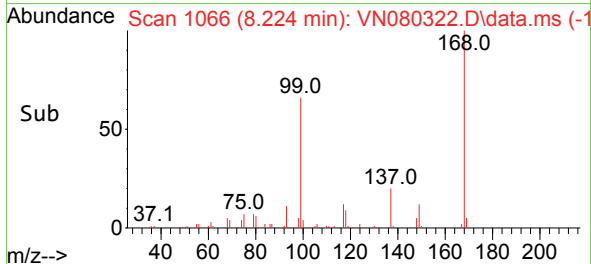
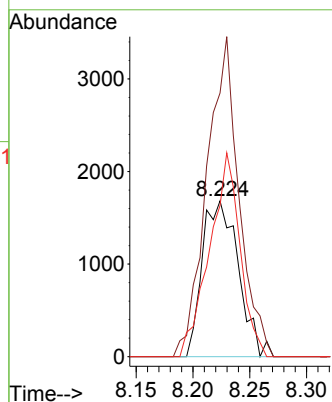


#31
Cyclohexane
Concen: 1.217 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :

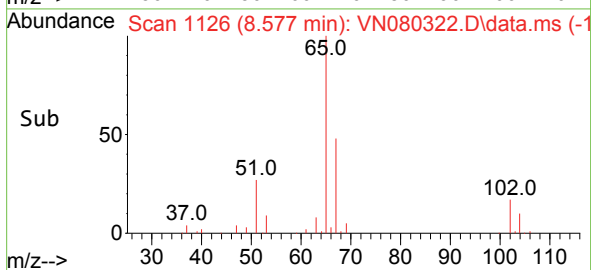
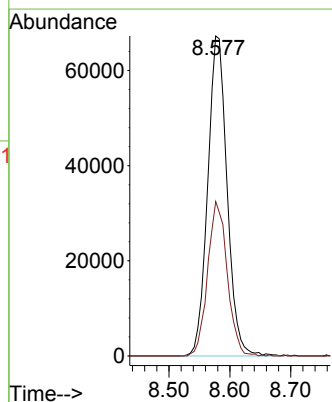
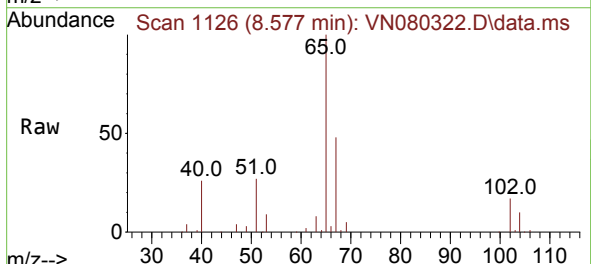


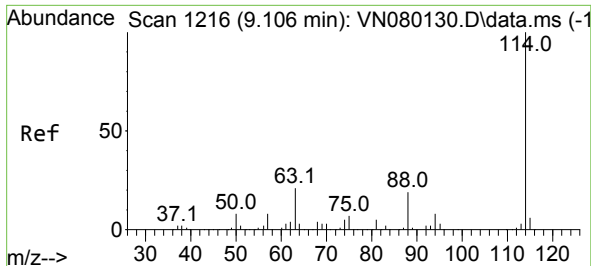
Tgt Ion: 56 Resp: 3701
Ion Ratio Lower Upper
56 100
69 169.1 26.8 40.2#
84 97.0 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 53.280 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

Tgt Ion: 65 Resp: 149010
Ion Ratio Lower Upper
65 100
67 48.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080322.D

Acq: 01 Dec 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

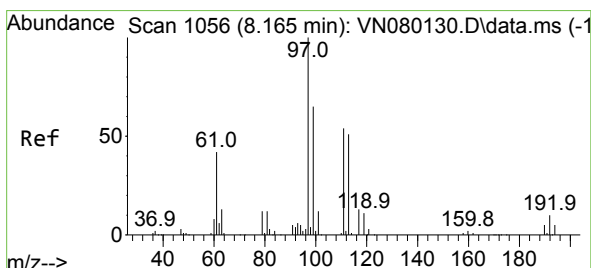
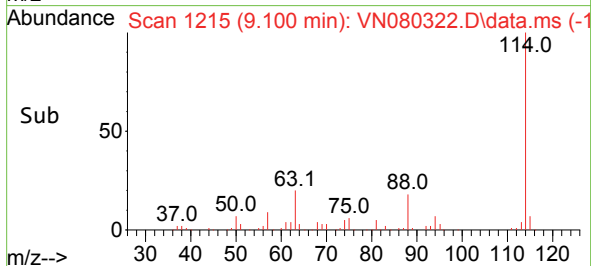
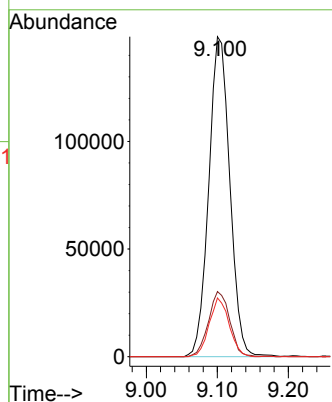
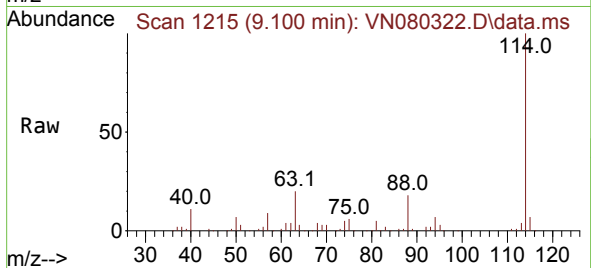
Tgt Ion:114 Resp: 306284

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 18.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.745 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080322.D

Acq: 01 Dec 2023 15:36

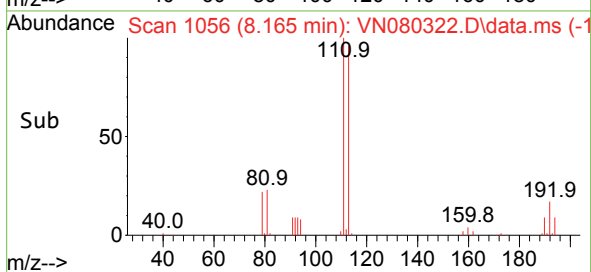
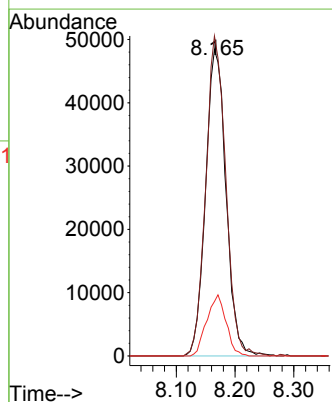
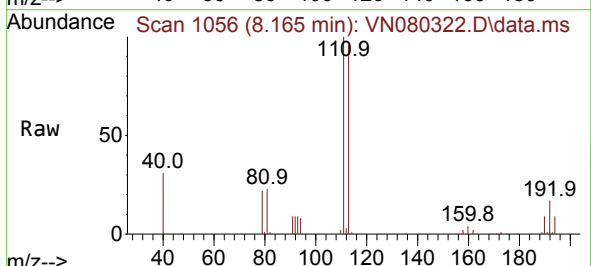
Tgt Ion:113 Resp: 116943

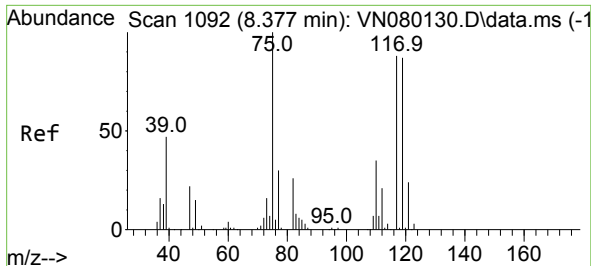
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 18.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.274 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

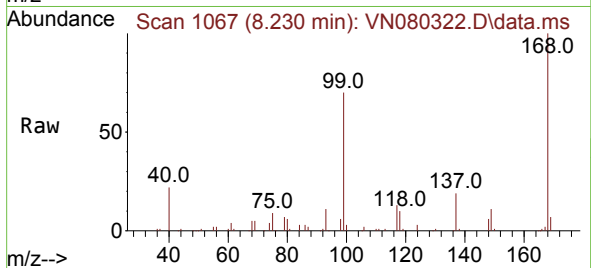
Lab File: VN080322.D

Acq: 01 Dec 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :



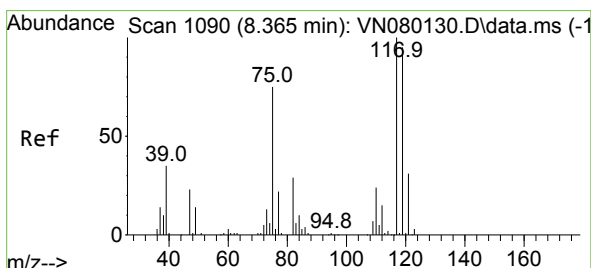
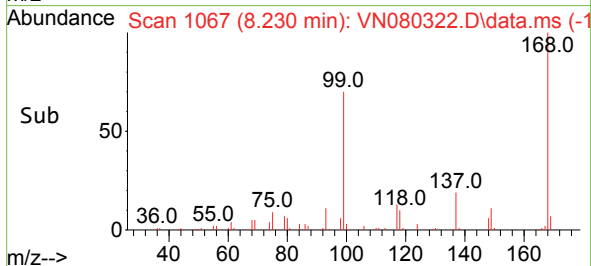
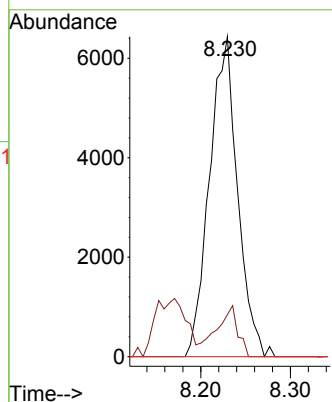
Tgt Ion: 75 Resp: 13983

Ion Ratio Lower Upper

75 100

110 11.8 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.892 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN080322.D

Acq: 01 Dec 2023 15:36

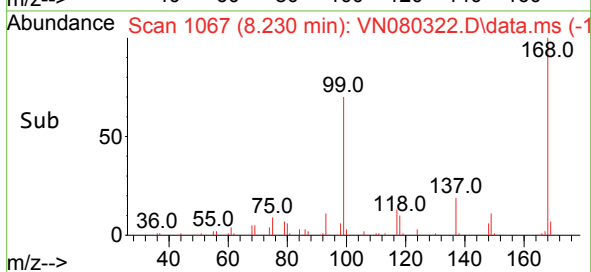
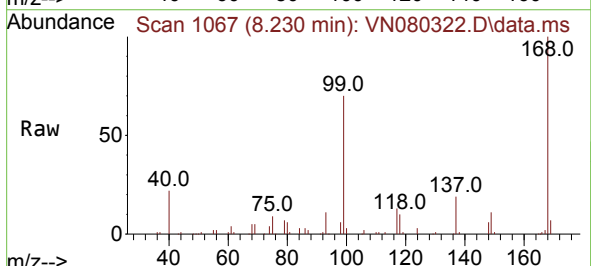
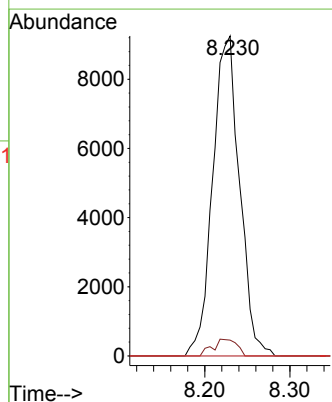
Tgt Ion: 117 Resp: 20311

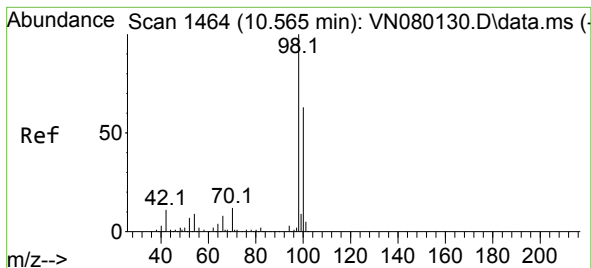
Ion Ratio Lower Upper

117 100

119 5.0 77.3 115.9#

121 0.0 23.3 34.9#





#50

Toluene-d8

Concen: 49.227 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080322.D

Acq: 01 Dec 2023 15:36

Instrument :

MSVOA_N

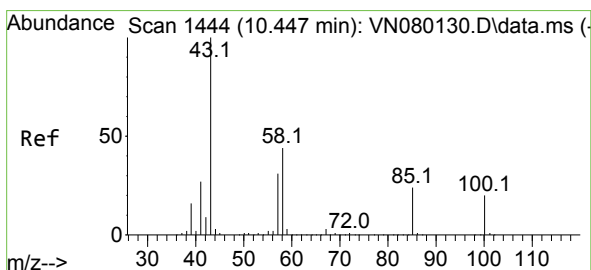
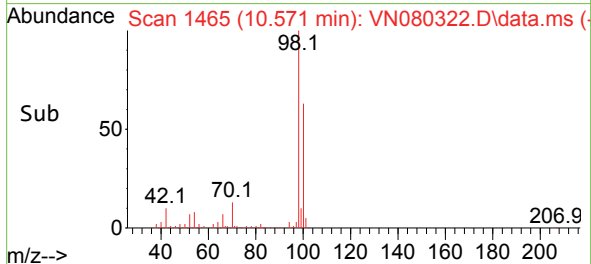
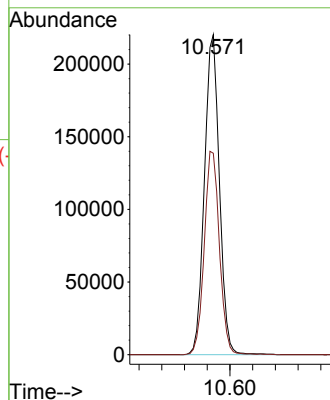
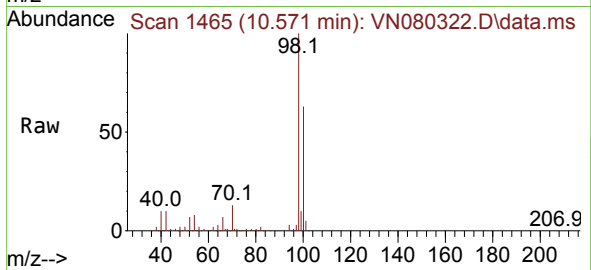
ClientSampleId :

Tgt Ion: 98 Resp: 401038

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.689 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN080322.D

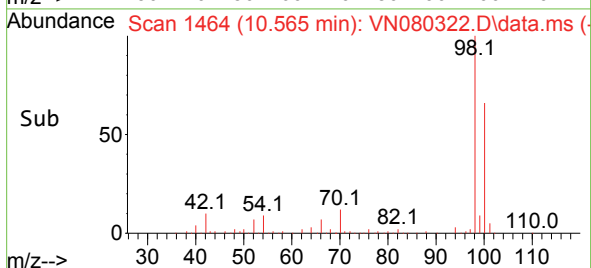
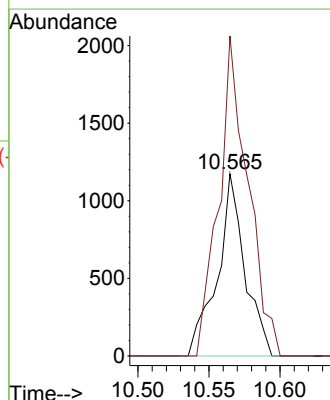
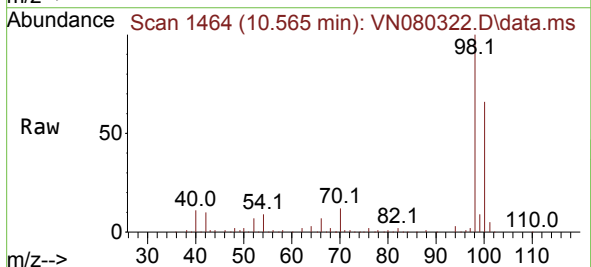
Acq: 01 Dec 2023 15:36

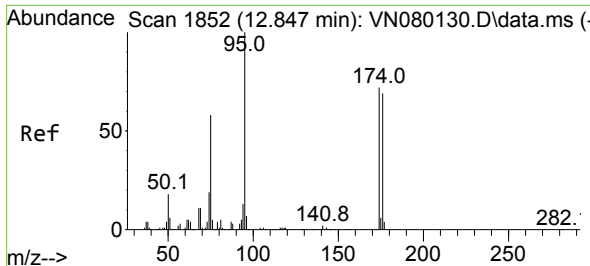
Tgt Ion: 43 Resp: 1576

Ion Ratio Lower Upper

43 100

58 187.1 36.6 54.8#

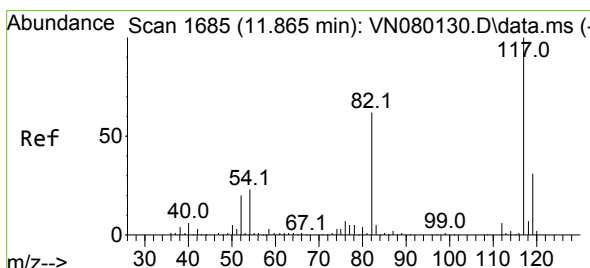
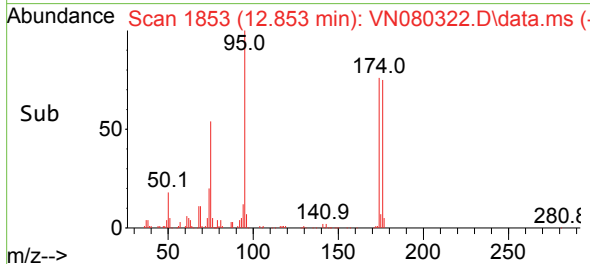
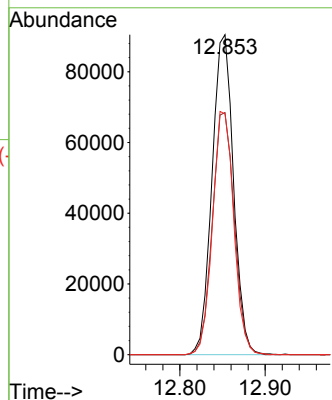
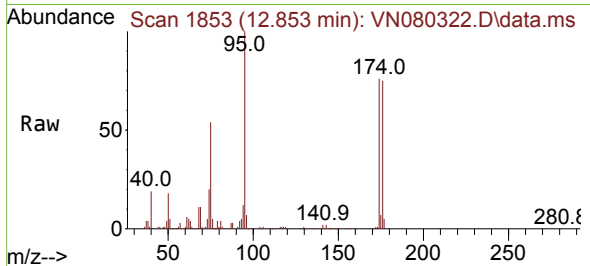




#62
4-Bromofluorobenzene
Concen: 51.492 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

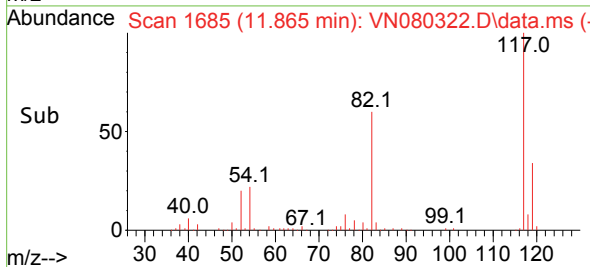
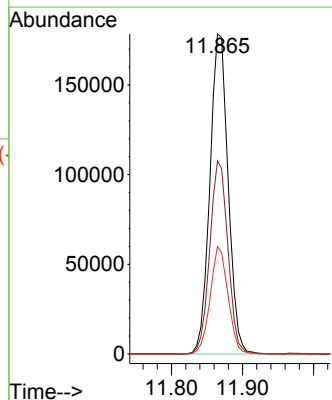
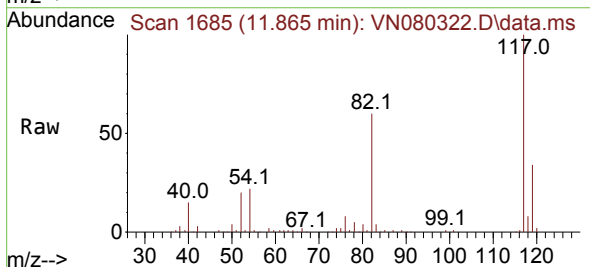
Instrument :
MSVOA_N
ClientSampleId :

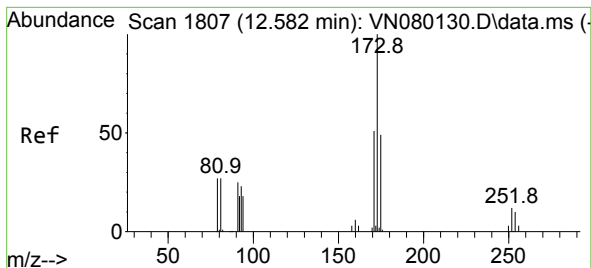
Tgt Ion: 95 Resp: 158448
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 75.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

Tgt Ion: 117 Resp: 318243
Ion Ratio Lower Upper
117 100
82 60.3 44.0 66.0
119 33.6 25.6 38.4





#71

Bromoform

Concen: 0.512 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

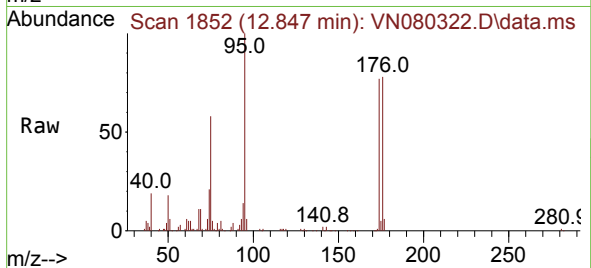
Lab File: VN080322.D

Acq: 01 Dec 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :



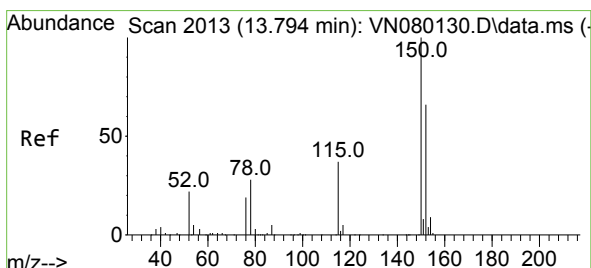
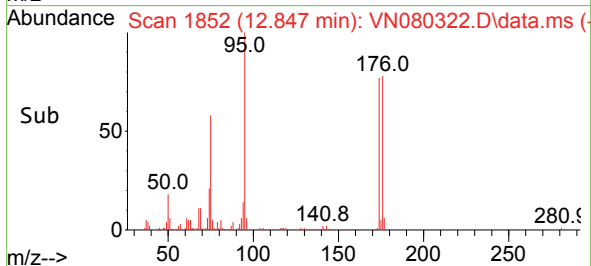
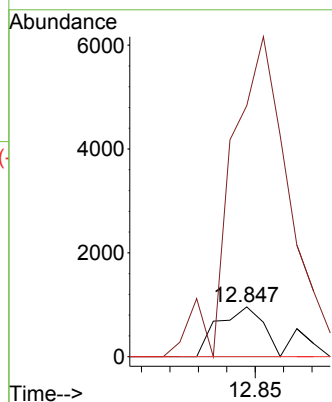
Tgt Ion:173 Resp: 1063

Ion Ratio Lower Upper

173 100

175 691.6 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# 2013

Delta R.T. -0.000 min

Lab File: VN080322.D

Acq: 01 Dec 2023 15:36

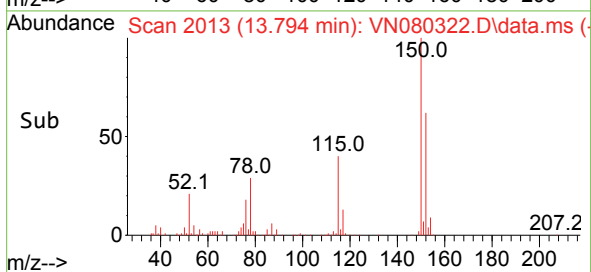
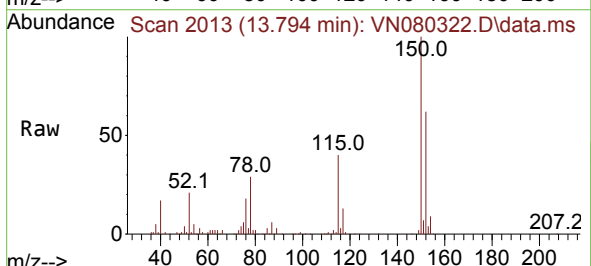
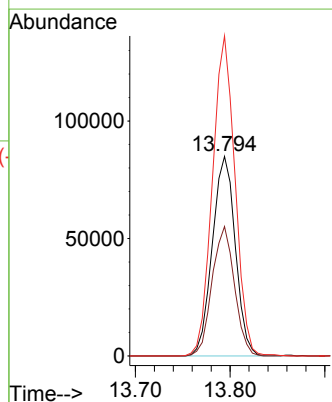
Tgt Ion:152 Resp: 143443

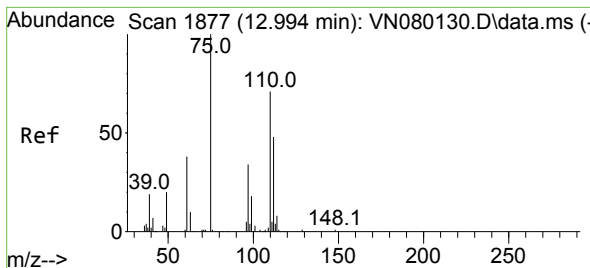
Ion Ratio Lower Upper

152 100

115 63.0 32.3 96.8

150 157.2 0.0 355.8

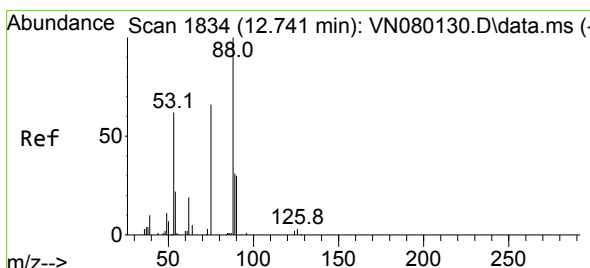
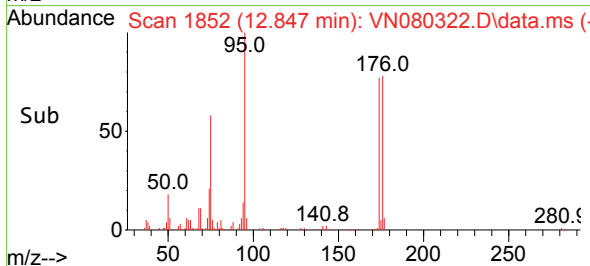
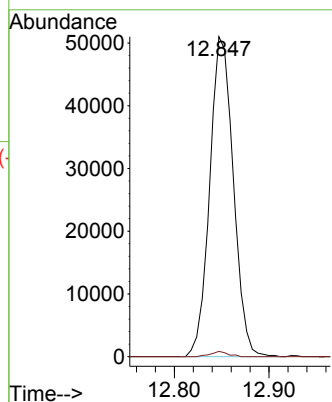
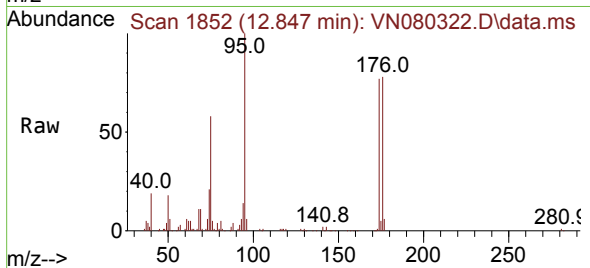




#76
1,2,3-Trichloropropane
Concen: 25.141 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 88361
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.942 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

Tgt Ion: 75 Resp: 88361
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

