

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080318.D
 Acq On : 01 Dec 2023 12:36
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 01 22:33:39 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)

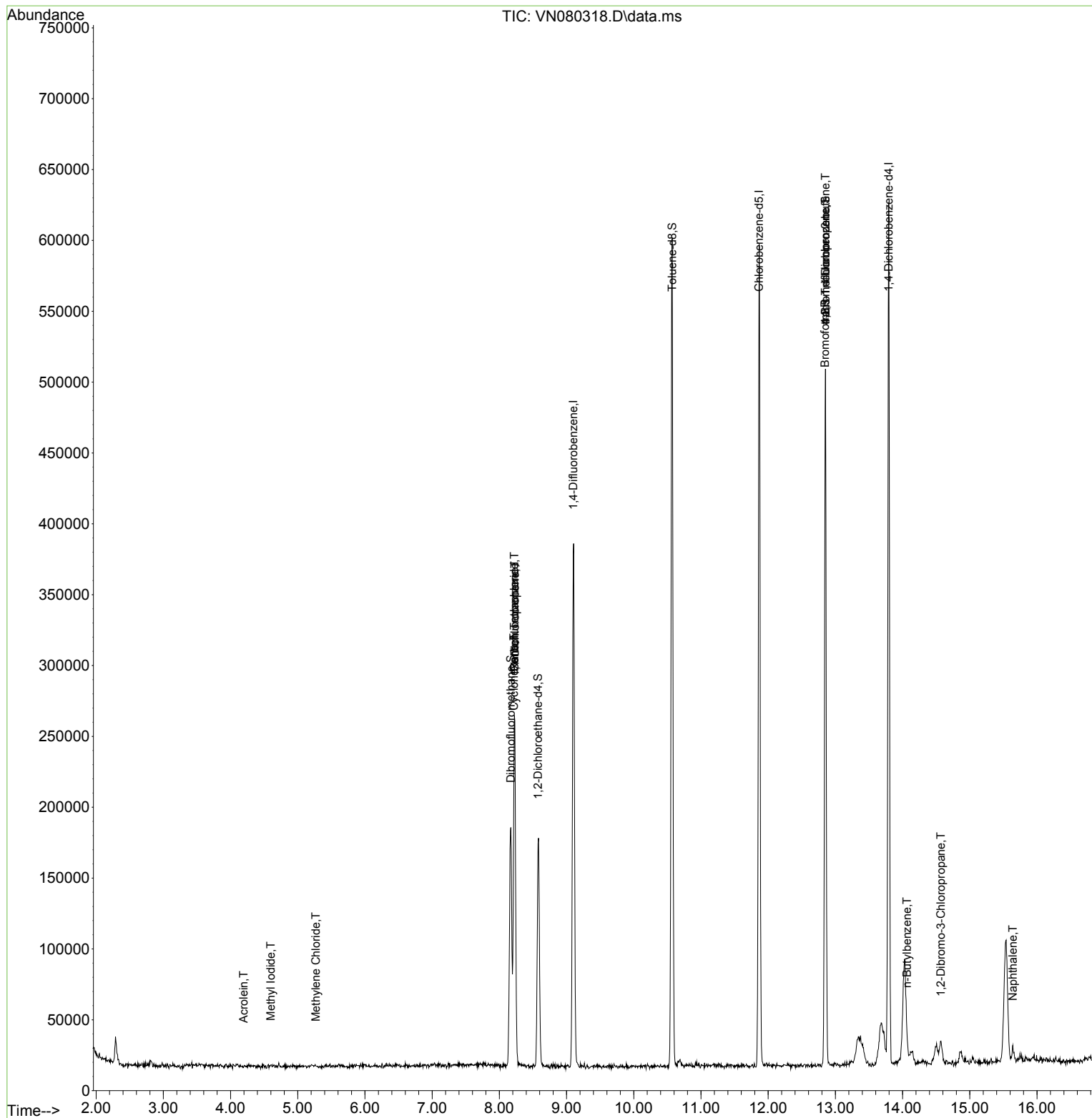
Internal Standards						
1) Pentafluorobenzene	8.224	168	171478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	331071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148289	52.374	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.740%			
35) Dibromofluoromethane	8.171	113	120058	51.630	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.260%			
50) Toluene-d8	10.571	98	413172	49.290	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.580%			
62) 4-Bromofluorobenzene	12.853	95	168259	53.142	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.280%			
Target Compounds						
					Qvalue	
6) Chloroethane	3.130	64	301	Below Cal	#	43
10) Methyl Iodide	4.600	142	628	0.300	ug/l #	55
13) Acrolein	4.194	56	60	0.218	ug/l #	16
20) Methylene Chloride	5.271	84	538	0.270	ug/l #	13
31) Cyclohexane	8.218	56	3762	1.222	ug/l #	45
36) 1,1-Dichloropropene	8.230	75	13897	4.128	ug/l #	51
38) Carbon Tetrachloride	8.224	117	18720	4.382	ug/l #	16
71) Bromoform	12.847	173	873	0.404	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	96528	24.539	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	96528	82.908	ug/l #	15
89) n-Butylbenzene	14.064	91	1687	0.205	ug/l	77
92) 1,2-Dibromo-3-Chloropr...	14.570	75	196	0.226	ug/l #	1
95) Naphthalene	15.641	128	7281	0.796	ug/l #	94

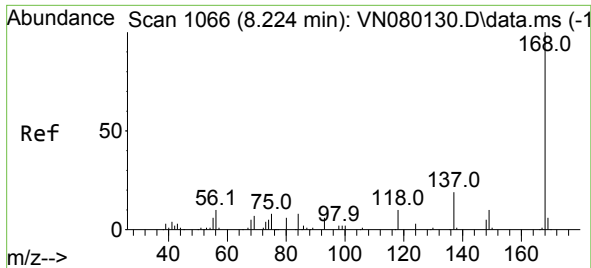
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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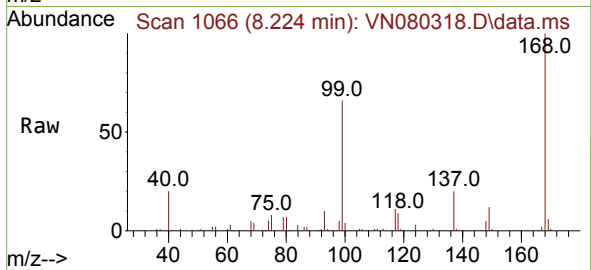
Quant Time: Dec 01 22:33:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
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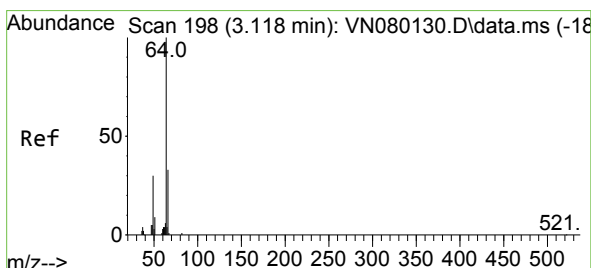
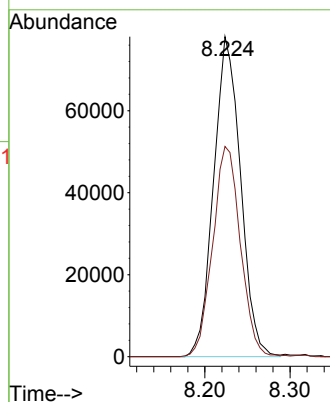
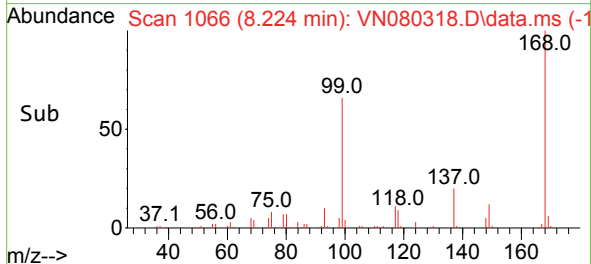


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080318.D
Acq: 01 Dec 2023 12:36

Instrument :
MSVOA_N
ClientSampleId :

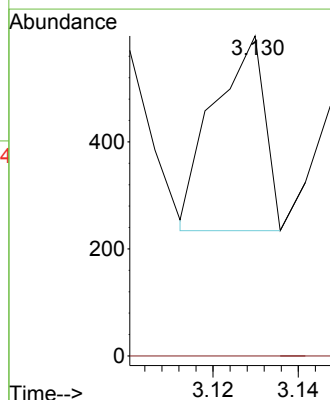
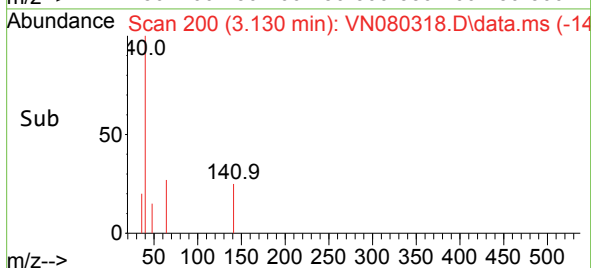
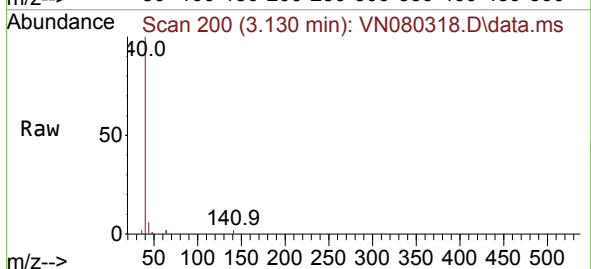


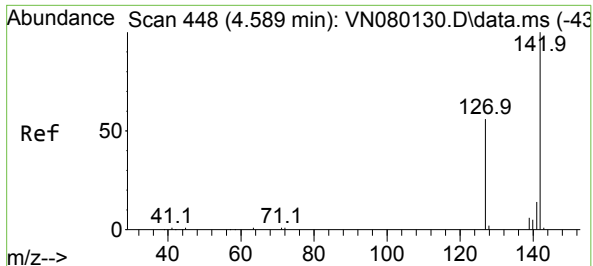
Tgt Ion:168 Resp: 171478
Ion Ratio Lower Upper
168 100
99 65.7 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN080318.D
Acq: 01 Dec 2023 12:36

Tgt Ion: 64 Resp: 301
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

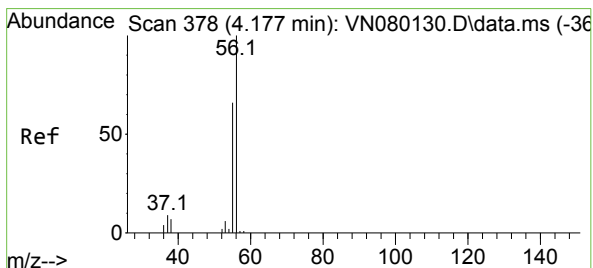
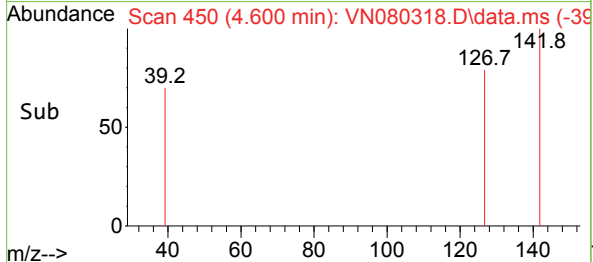
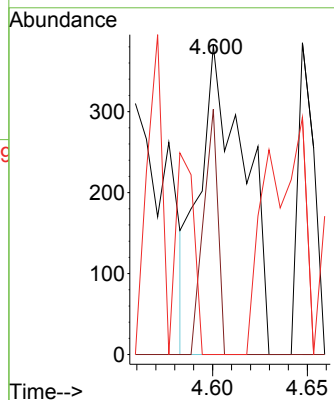
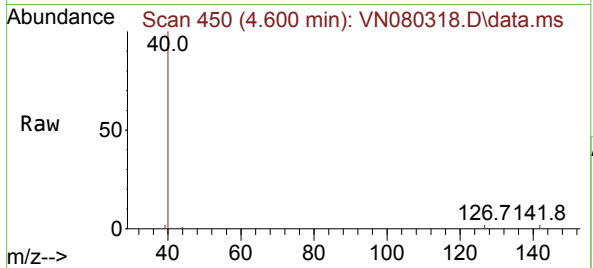




#10
Methyl Iodide
Concen: 0.300 ug/l
RT: 4.600 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080318.D
Acq: 01 Dec 2023 12:36

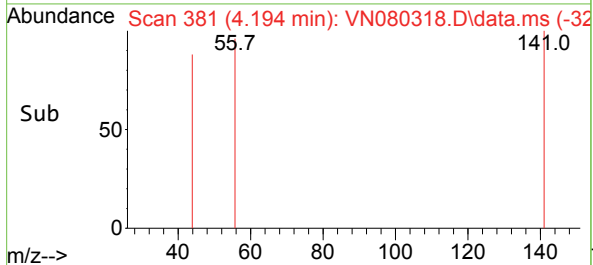
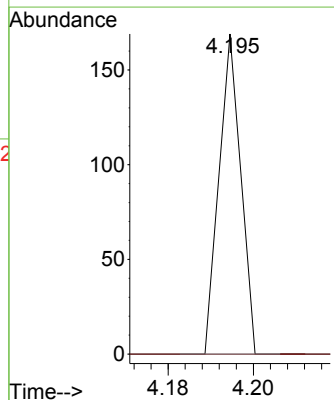
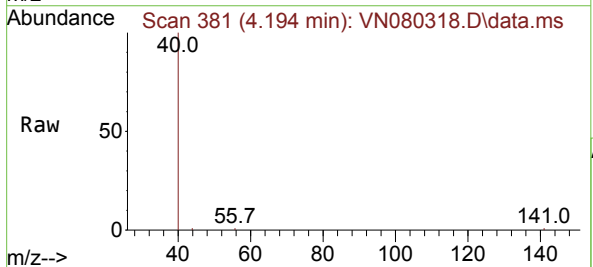
Instrument :
MSVOA_N
ClientSampleId :

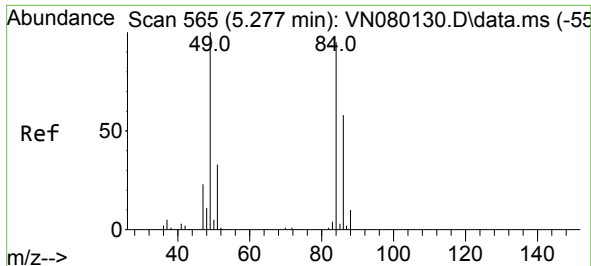
Tgt Ion:142 Resp: 628
Ion Ratio Lower Upper
142 100
127 79.3 37.6 56.4#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.218 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN080318.D
Acq: 01 Dec 2023 12:36

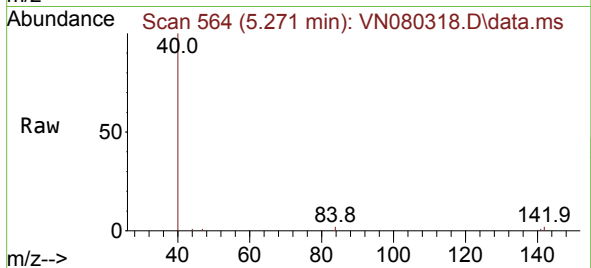
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#





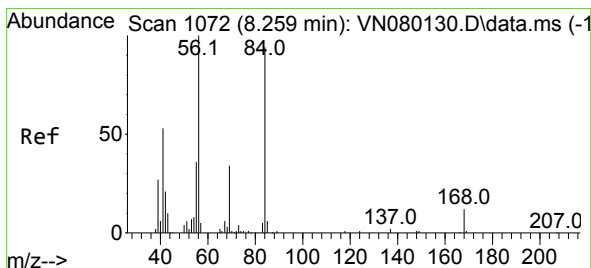
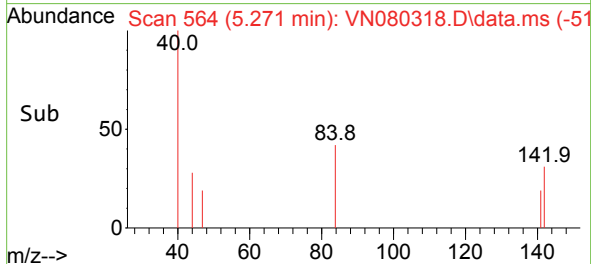
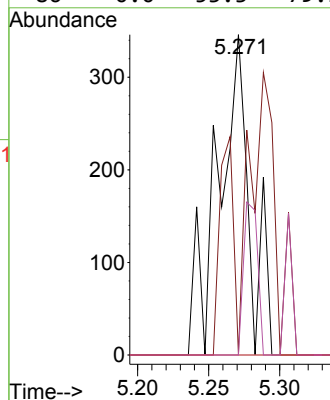
#20
Methylene Chloride
Concen: 0.270 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080318.D
Acq: 01 Dec 2023 12:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 538

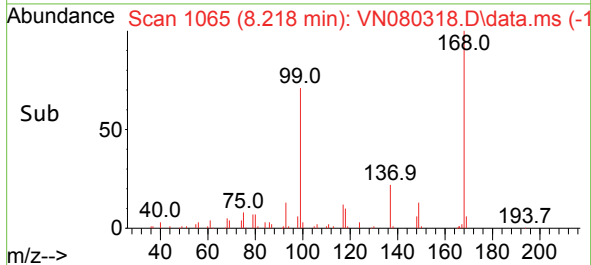
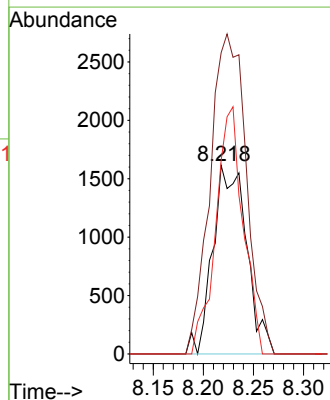
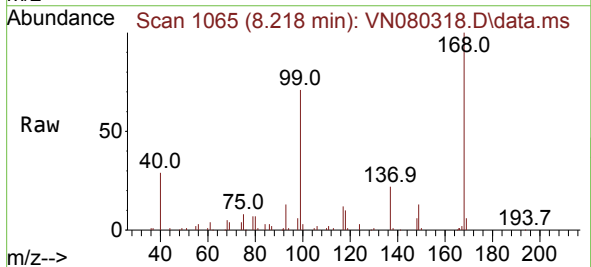
Ion	Ratio	Lower	Upper
84	100		
49	0.0	79.7	119.5#
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#

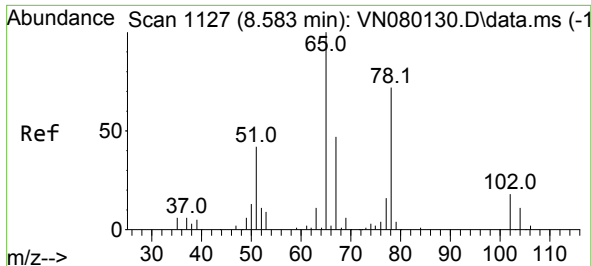


#31
Cyclohexane
Concen: 1.222 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080318.D
Acq: 01 Dec 2023 12:36

Tgt Ion: 56 Resp: 3762

Ion	Ratio	Lower	Upper
56	100		
69	159.9	26.8	40.2#
84	102.7	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 52.374 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080318.D

Acq: 01 Dec 2023 12:36

Instrument :

MSVOA_N

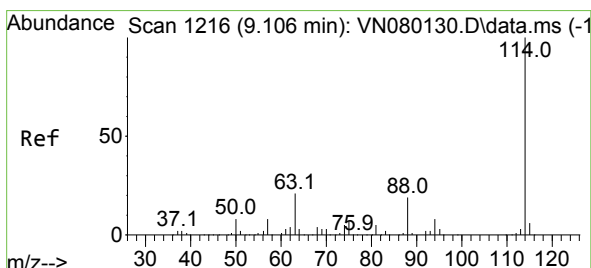
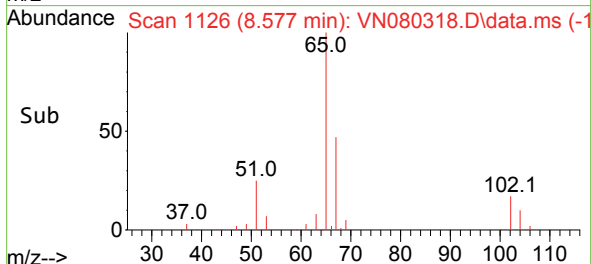
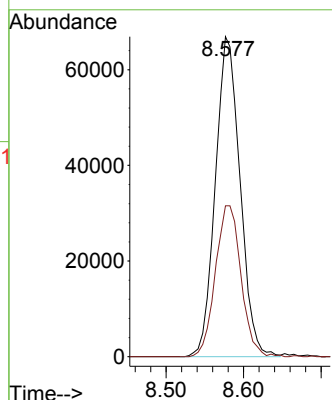
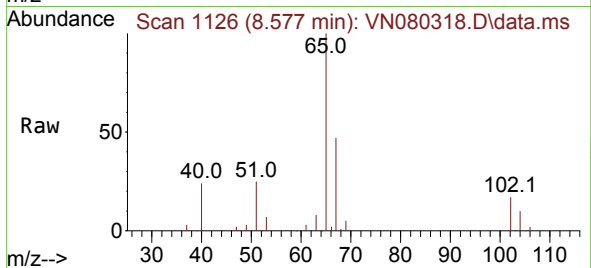
ClientSampleId :

Tgt Ion: 65 Resp: 148289

Ion Ratio Lower Upper

65 100

67 49.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080318.D

Acq: 01 Dec 2023 12:36

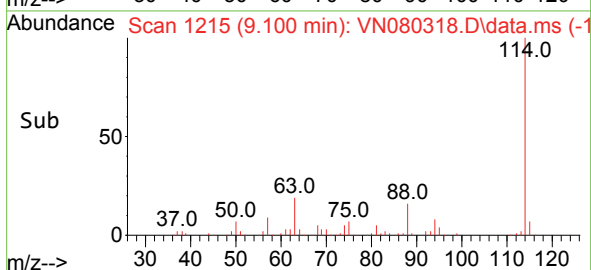
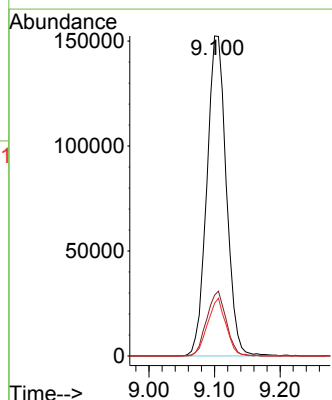
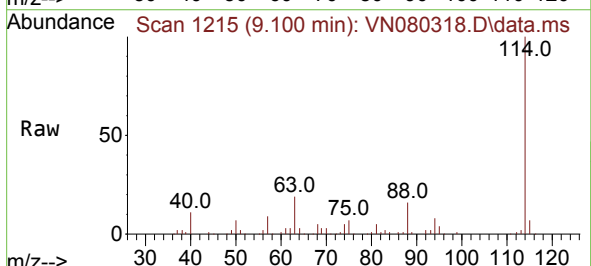
Tgt Ion: 114 Resp: 315147

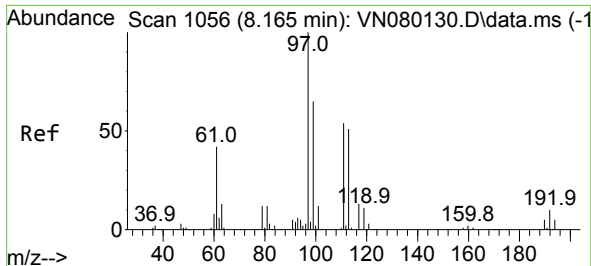
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.630 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

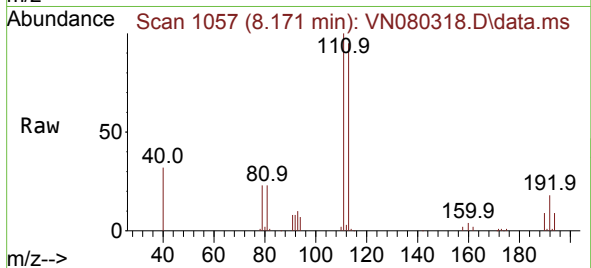
Lab File: VN080318.D

Acq: 01 Dec 2023 12:36

Instrument :

MSVOA_N

ClientSampleId :



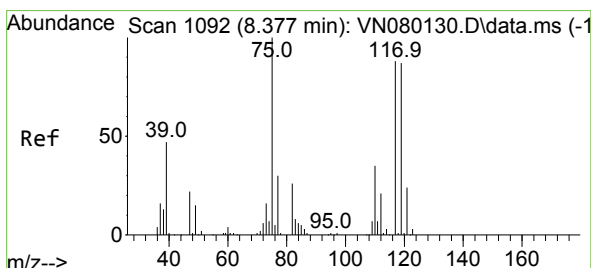
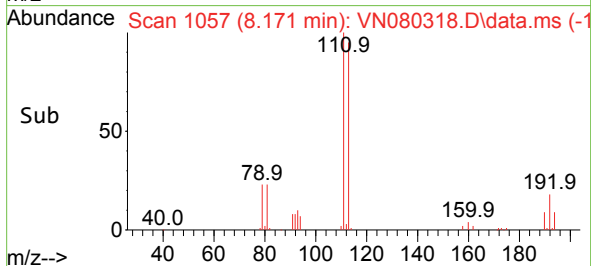
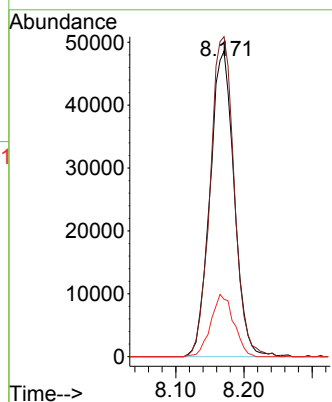
Tgt Ion:113 Resp: 120058

Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 19.4 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 4.128 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN080318.D

Acq: 01 Dec 2023 12:36

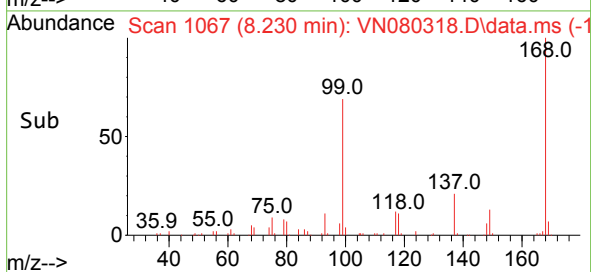
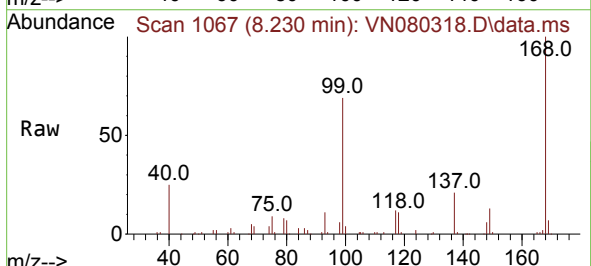
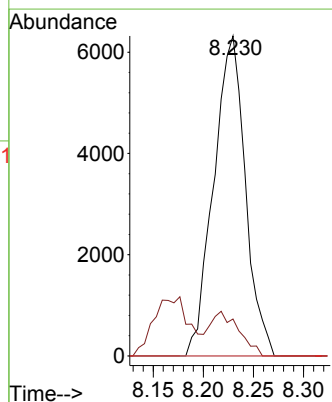
Tgt Ion: 75 Resp: 13897

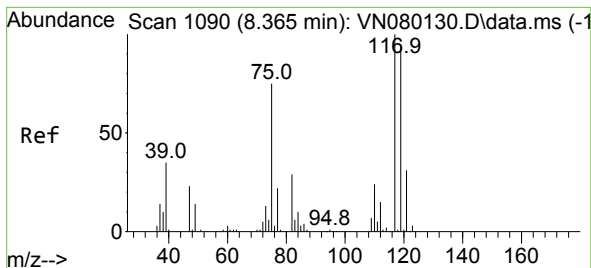
Ion Ratio Lower Upper

75 100

110 12.4 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.382 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

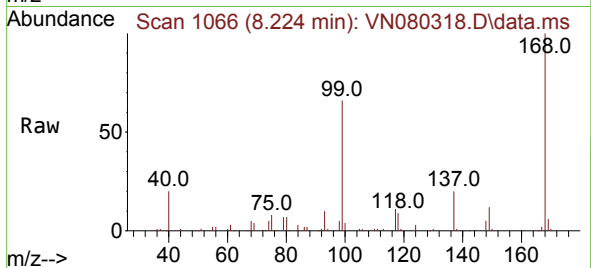
Lab File: VN080318.D

Acq: 01 Dec 2023 12:36

Instrument :

MSVOA_N

ClientSampleId :



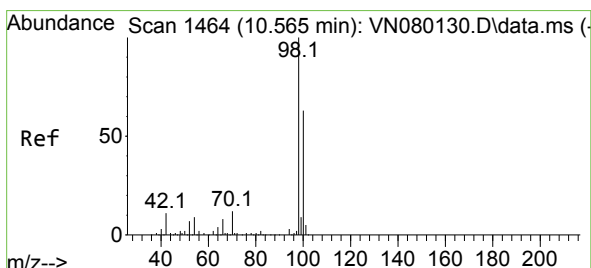
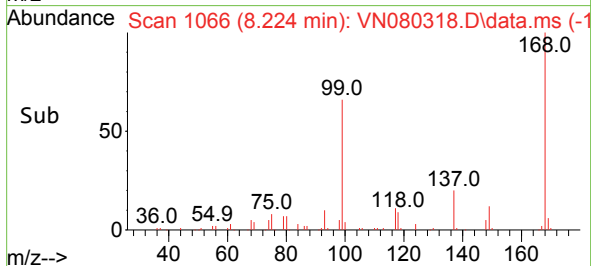
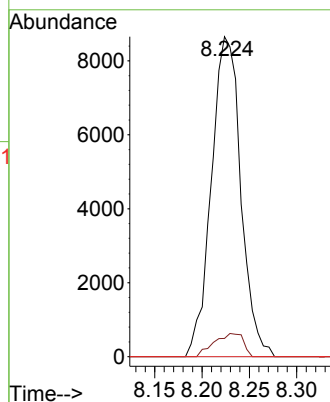
Tgt Ion:117 Resp: 18720

Ion Ratio Lower Upper

117 100

119 5.7 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 49.290 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080318.D

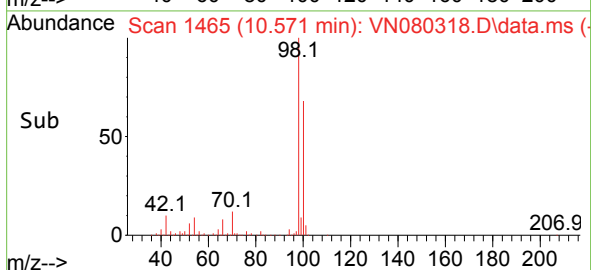
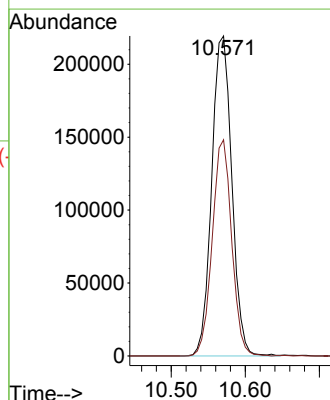
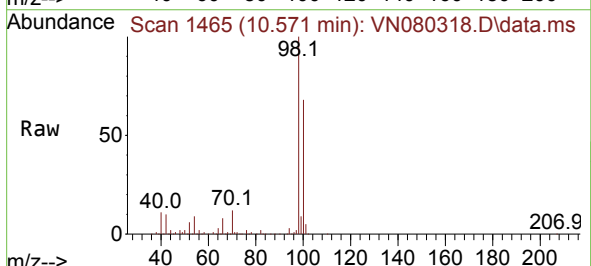
Acq: 01 Dec 2023 12:36

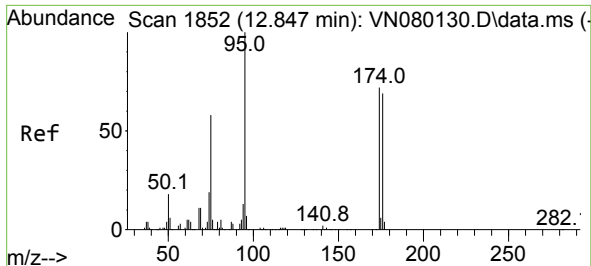
Tgt Ion: 98 Resp: 413172

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

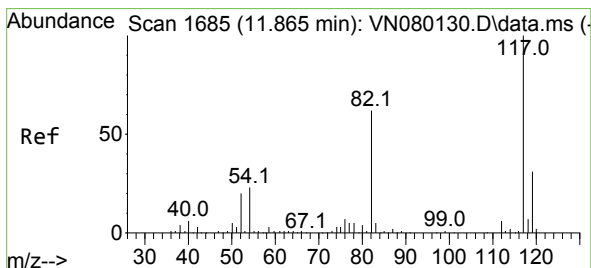
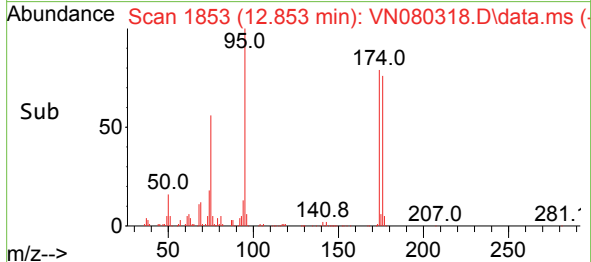
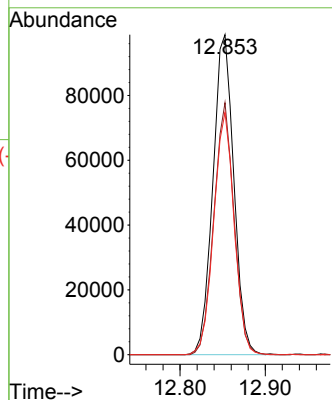
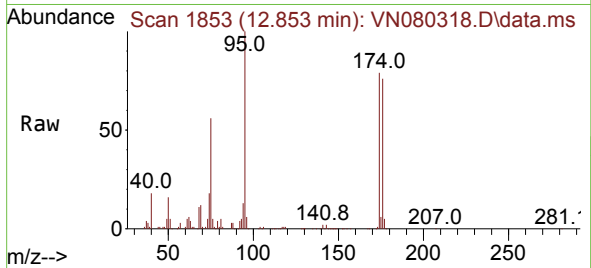




#62
4-Bromofluorobenzene
Concen: 53.142 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080318.D
Acq: 01 Dec 2023 12:36

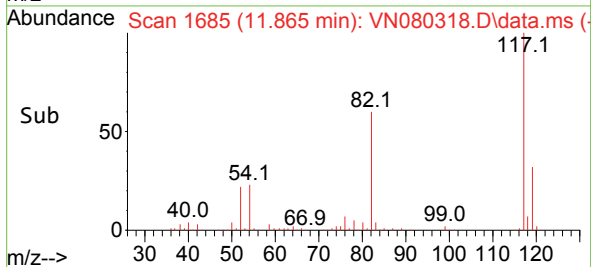
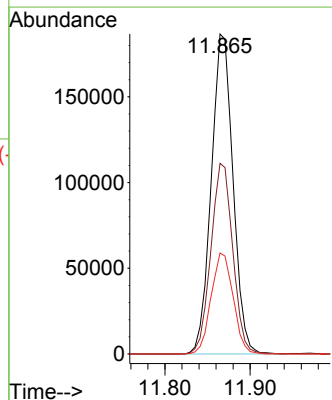
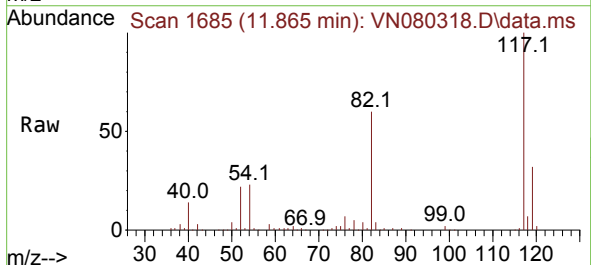
Instrument :
MSVOA_N
ClientSampleId :

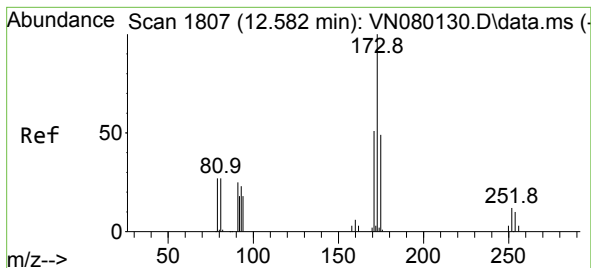
Tgt Ion: 95 Resp: 168259
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 73.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080318.D
Acq: 01 Dec 2023 12:36

Tgt Ion: 117 Resp: 331071
Ion Ratio Lower Upper
117 100
82 59.6 44.0 66.0
119 31.6 25.6 38.4





#71

Bromoform

Concen: 0.404 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

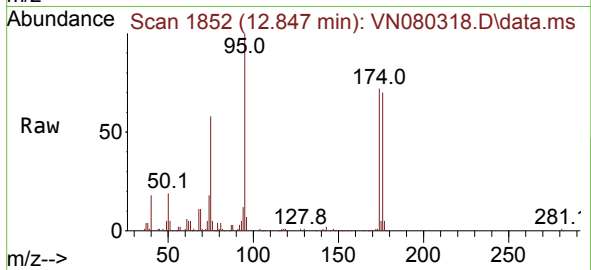
Lab File: VN080318.D

Acq: 01 Dec 2023 12:36

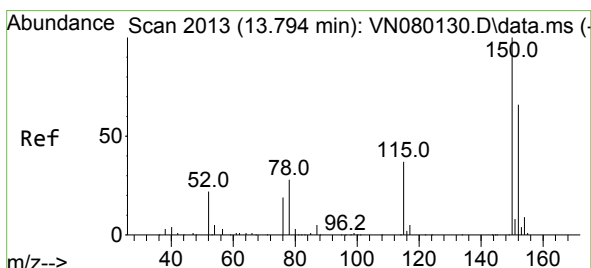
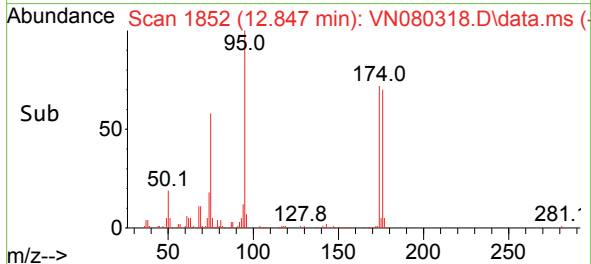
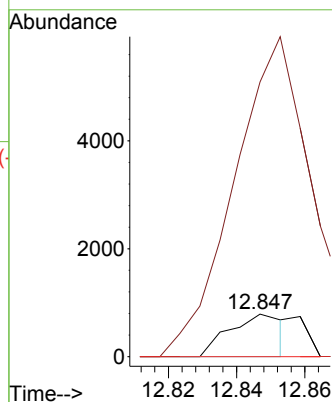
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	873
Ion Ratio	Lower	Upper	
173	100		
175	910.7	24.3	73.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

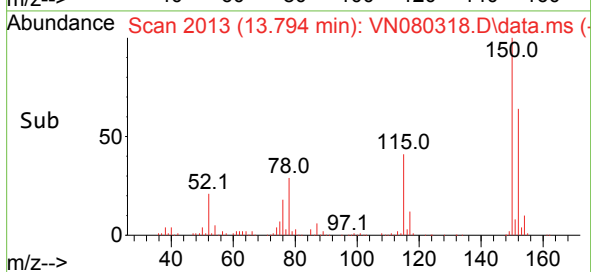
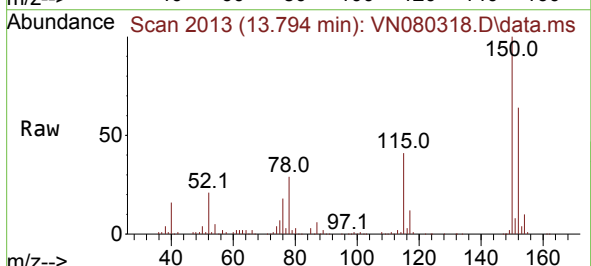
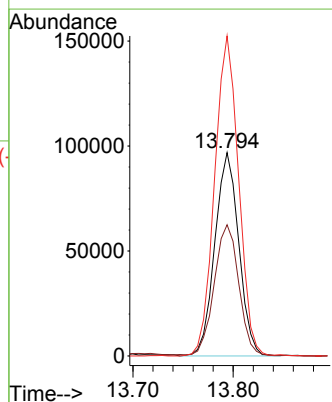
RT: 13.794 min Scan# 2013

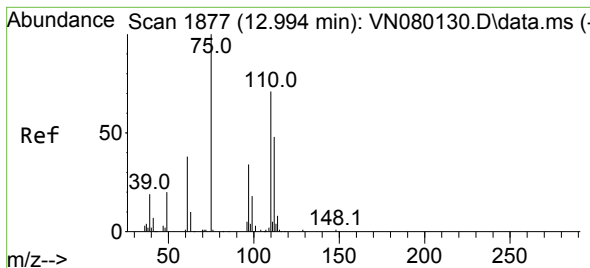
Delta R.T. -0.000 min

Lab File: VN080318.D

Acq: 01 Dec 2023 12:36

Tgt Ion:	152	Resp:	160544
Ion Ratio	Lower	Upper	
152	100		
115	66.4	32.3	96.8
150	157.5	0.0	355.8





#76

1,2,3-Trichloropropane

Concen: 24.539 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080318.D

Acq: 01 Dec 2023 12:36

Instrument :

MSVOA_N

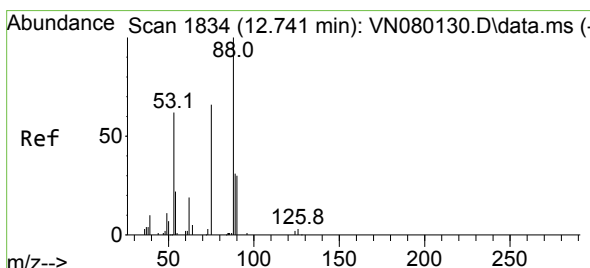
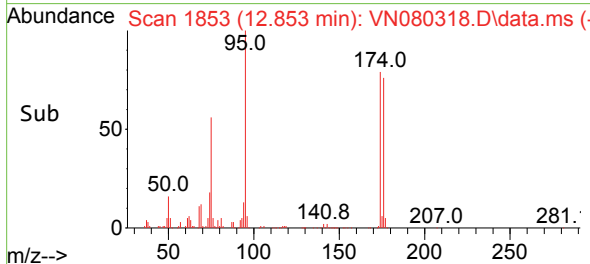
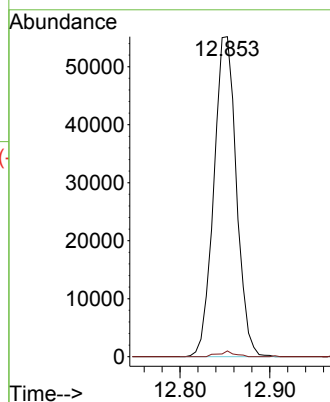
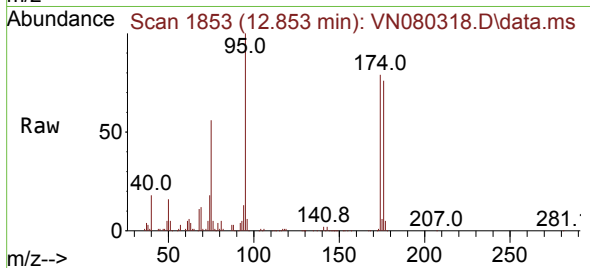
ClientSampleId :

Tgt Ion: 75 Resp: 96528

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.908 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN080318.D

Acq: 01 Dec 2023 12:36

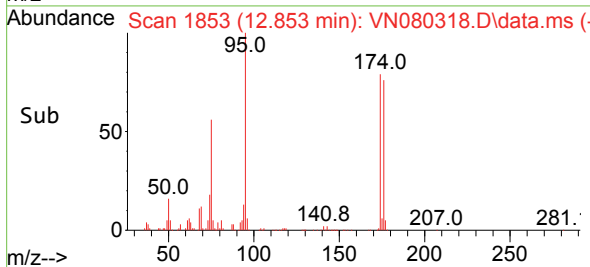
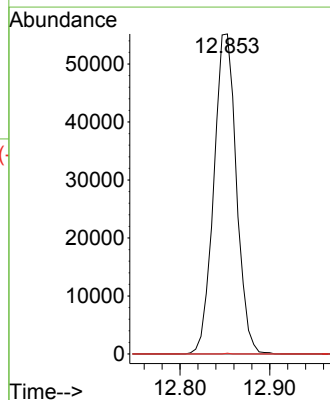
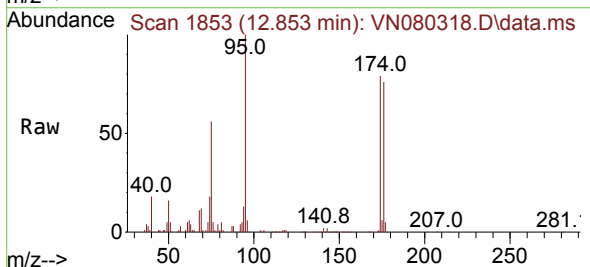
Tgt Ion: 75 Resp: 96528

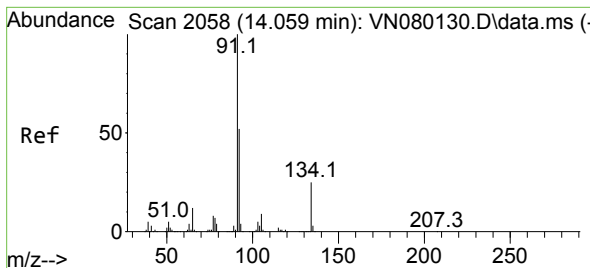
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.1 38.8 58.2#





#89

n-Butylbenzene

Concen: 0.205 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN080318.D

Acq: 01 Dec 2023 12:36

Instrument :

MSVOA_N

ClientSampleId :

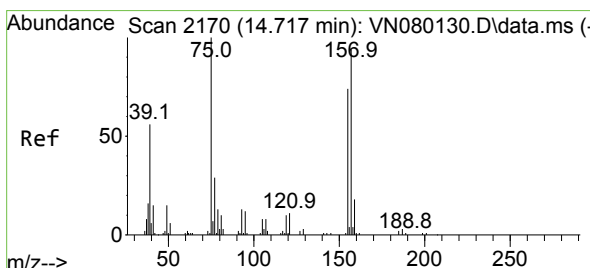
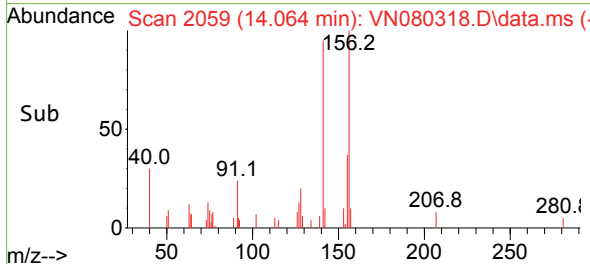
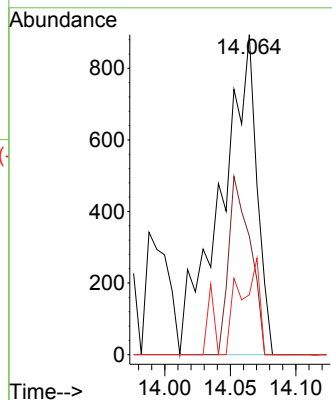
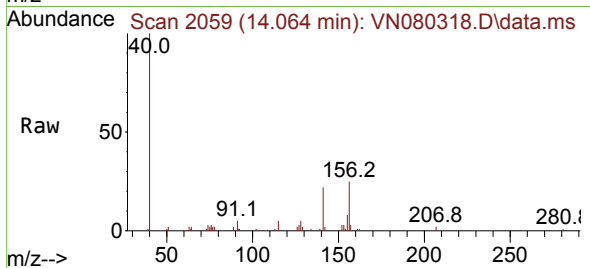
Tgt Ion: 91 Resp: 1687

Ion Ratio Lower Upper

91 100

92 33.9 26.4 79.0

134 16.8 12.6 37.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.226 ug/l

RT: 14.570 min Scan# 2145

Delta R.T. -0.147 min

Lab File: VN080318.D

Acq: 01 Dec 2023 12:36

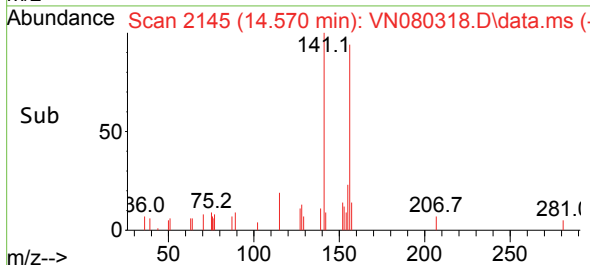
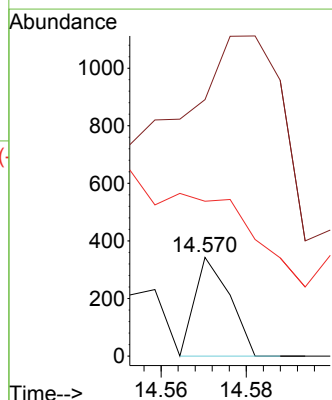
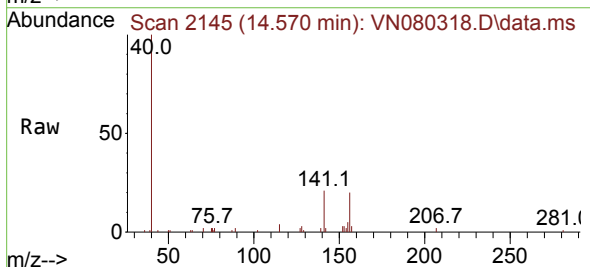
Tgt Ion: 75 Resp: 196

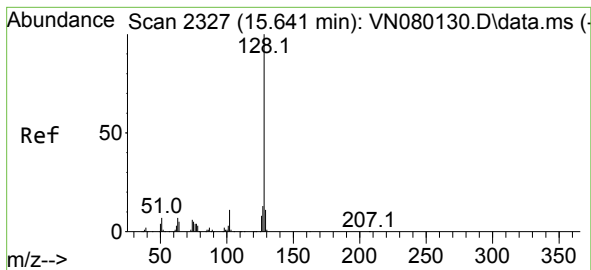
Ion Ratio Lower Upper

75 100

155 862.2 39.1 117.2#

157 0.0 50.3 150.9#





#95

Naphthalene

Concen: 0.796 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

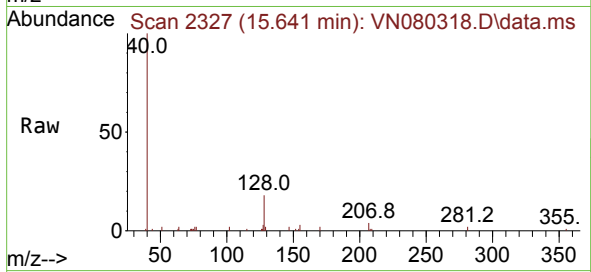
Lab File: VN080318.D

Acq: 01 Dec 2023 12:36

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 7281

Ion Ratio Lower Upper

128 100

127 16.5 10.0 15.0#

129 11.5 8.7 13.1

