

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080386.D
 Acq On : 06 Dec 2023 15:11
 Operator : JC\MD
 Sample : 05631-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 07 01:00:41 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)

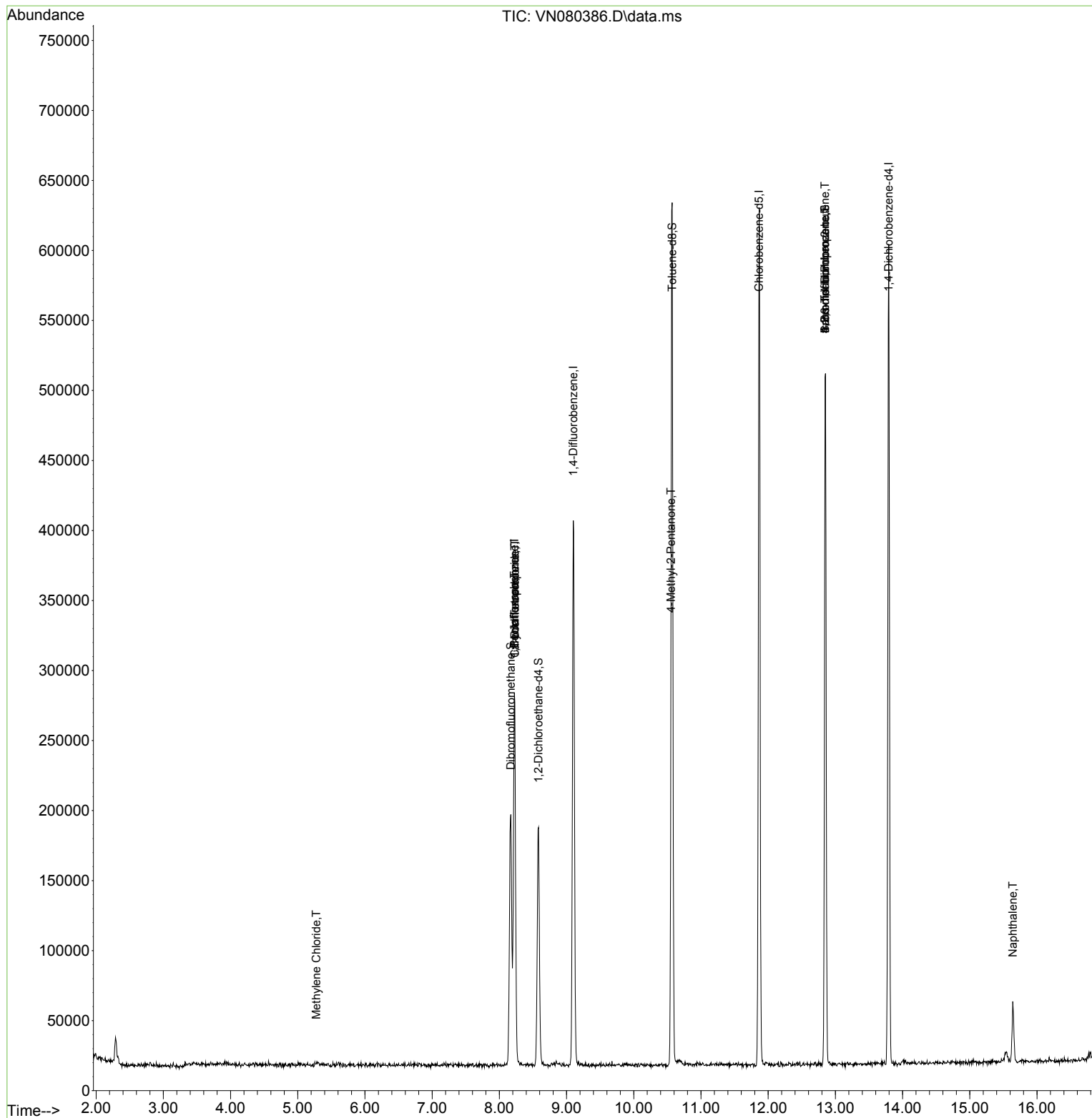
Internal Standards						
1) Pentafluorobenzene	8.224	168	183819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	351819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	153312	50.512	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.020%	
35) Dibromofluoromethane	8.171	113	129361	53.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.940%	
50) Toluene-d8	10.571	98	441479	50.622	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	12.847	95	174517	52.979	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.960%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.148	64	519	Below Cal	#	43
20) Methylene Chloride	5.277	84	708	0.332	ug/l #	38
31) Cyclohexane	8.224	56	4242	1.285	ug/l #	28
36) 1,1-Dichloropropene	8.230	75	14655	4.184	ug/l #	50
38) Carbon Tetrachloride	8.230	117	22239	5.003	ug/l #	14
51) 4-Methyl-2-Pentanone	10.553	43	1547	0.632	ug/l #	1
71) Bromoform	12.847	173	1166	0.508	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	96613	25.766	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	96613	87.052	ug/l #	15
95) Naphthalene	15.641	128	40607	4.658	ug/l	97

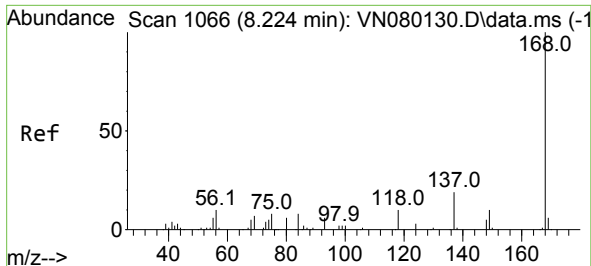
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
Data File : VN080386.D
Acq On : 06 Dec 2023 15:11
Operator : JC\MD
Sample : 05631-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

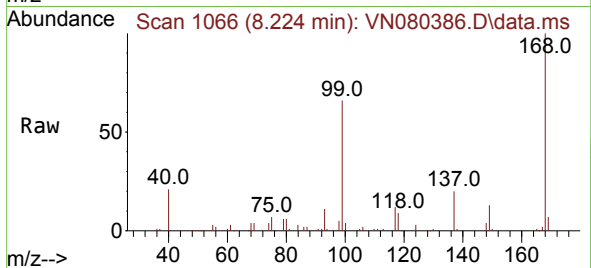
Quant Time: Dec 07 01:00:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration



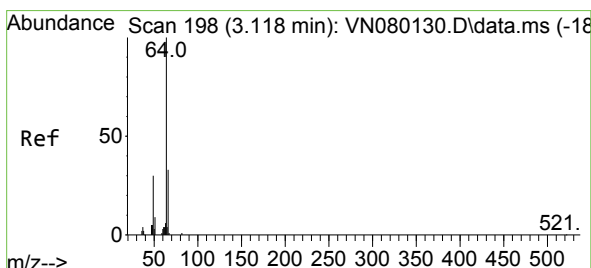
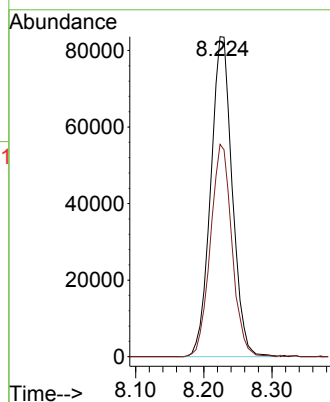
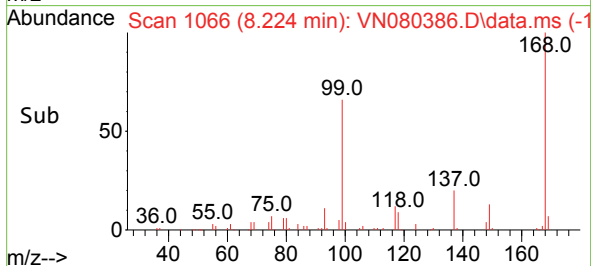


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :

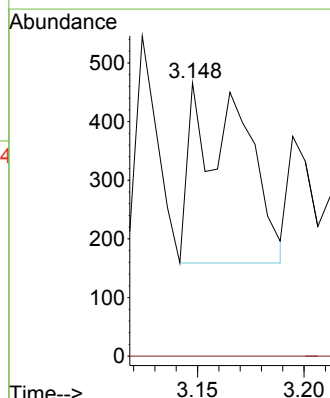
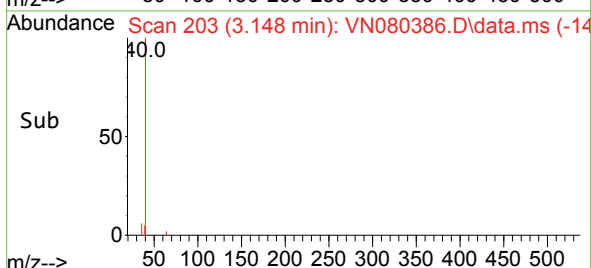
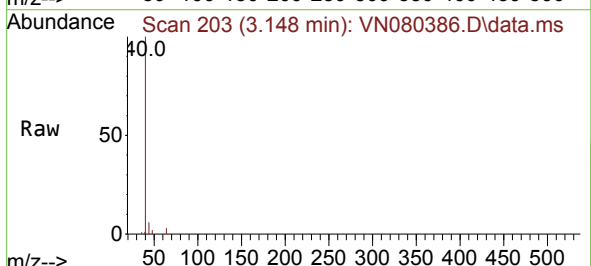


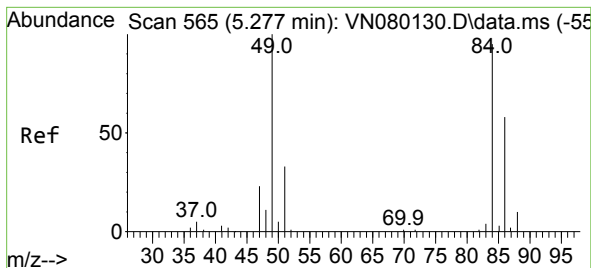
Tgt Ion:168 Resp: 183819
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.148 min Scan# 203
Delta R.T. 0.030 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11

Tgt Ion: 64 Resp: 519
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#20

Methylene Chloride

Concen: 0.332 ug/l

RT: 5.277 min Scan# 5

Delta R.T. -0.000 min

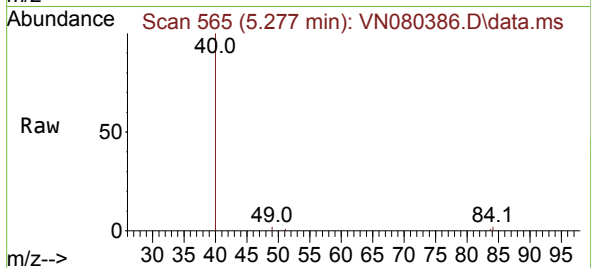
Lab File: VN080386.D

Acq: 06 Dec 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 708

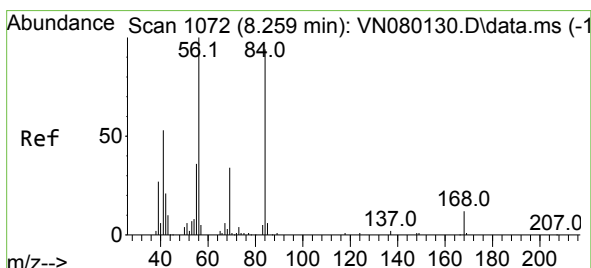
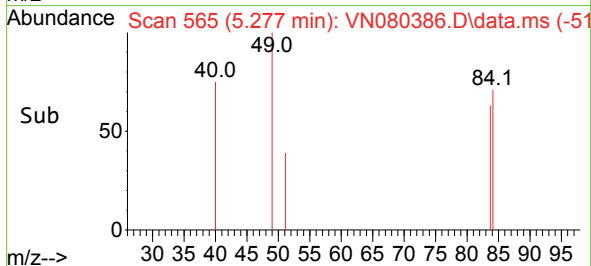
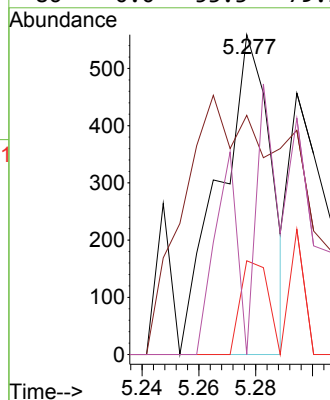
Ion Ratio Lower Upper

84 100

49 33.8 79.7 119.5#

51 29.3 25.2 37.8

86 0.0 53.3 79.9#



#31

Cyclohexane

Concen: 1.285 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN080386.D

Acq: 06 Dec 2023 15:11

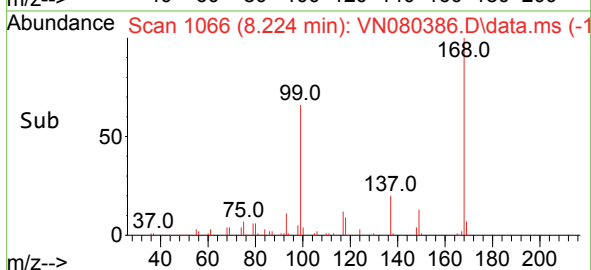
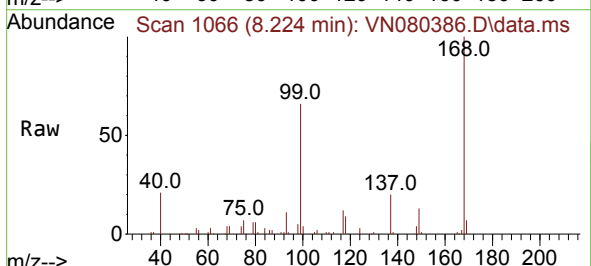
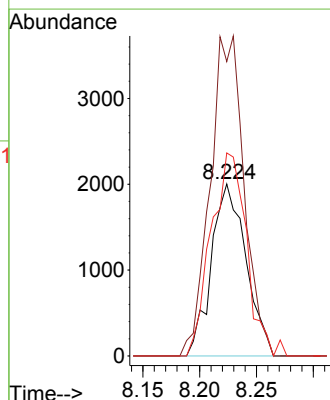
Tgt Ion: 56 Resp: 4242

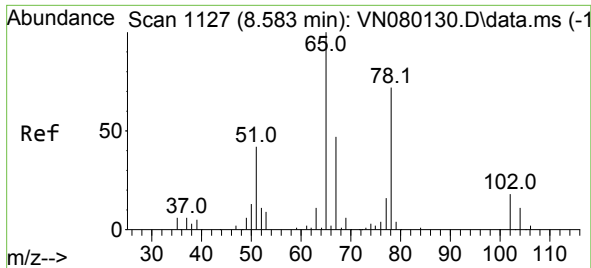
Ion Ratio Lower Upper

56 100

69 171.2 26.8 40.2#

84 118.1 81.8 122.6

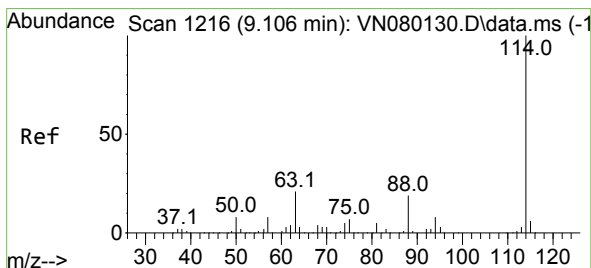
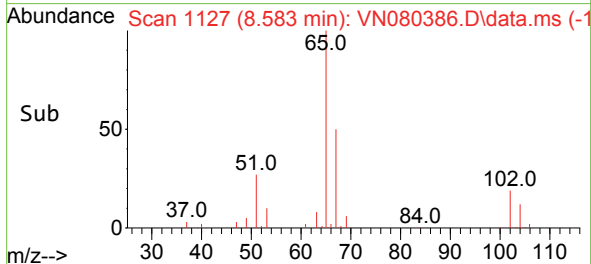
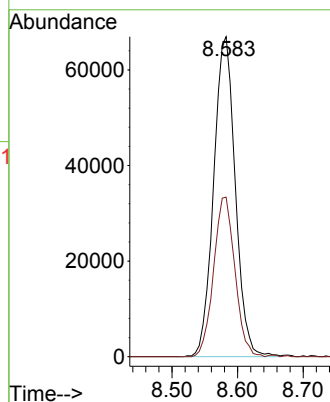
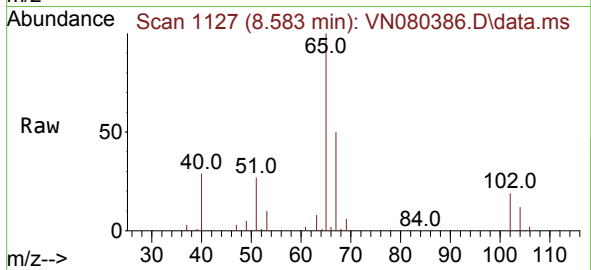




#33
 1,2-Dichloroethane-d4
 Concen: 50.512 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN080386.D
 Acq: 06 Dec 2023 15:11

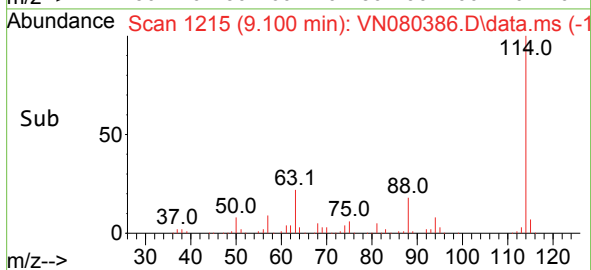
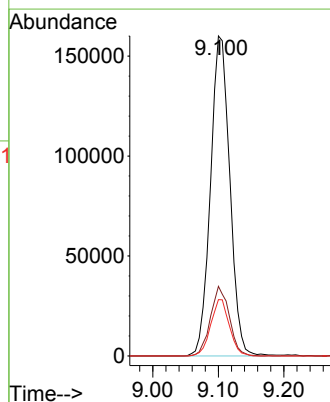
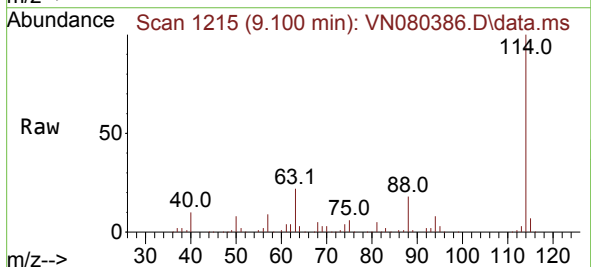
Instrument :
 MSVOA_N
 ClientSampleId :

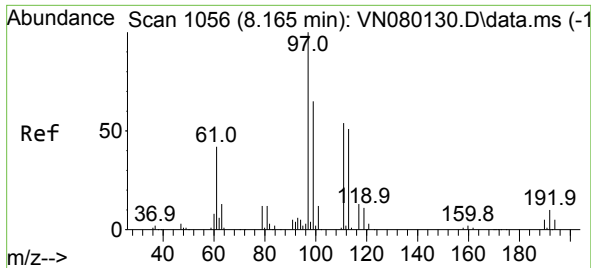
Tgt Ion: 65 Resp: 153312
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN080386.D
 Acq: 06 Dec 2023 15:11

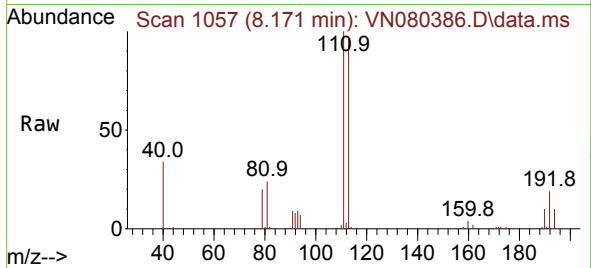
Tgt Ion: 114 Resp: 327874
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 36.4
 88 17.6 0.0 30.6



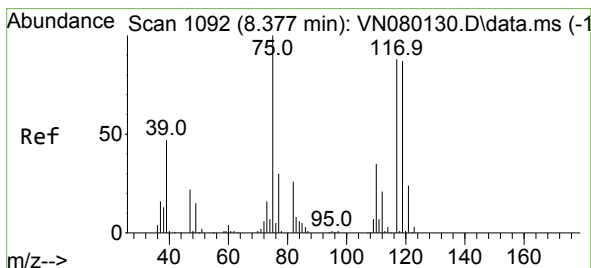
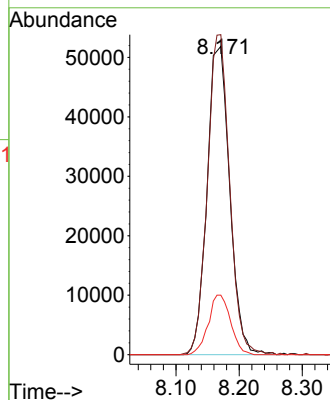
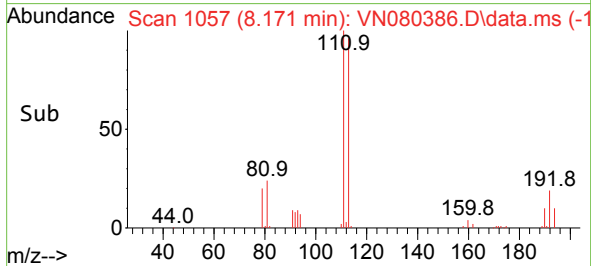


#35
Dibromofluoromethane
Concen: 53.471 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :

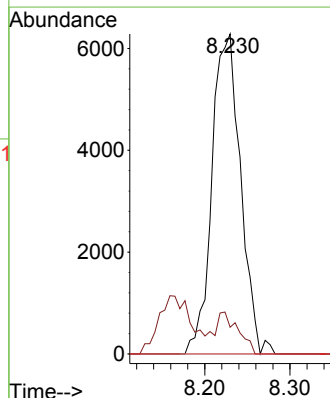
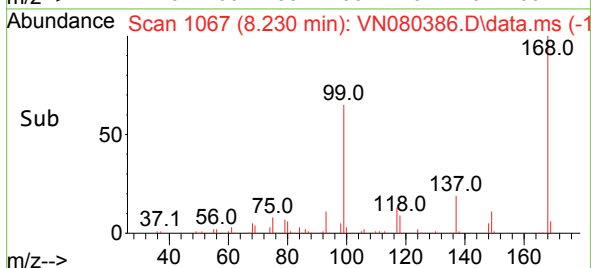
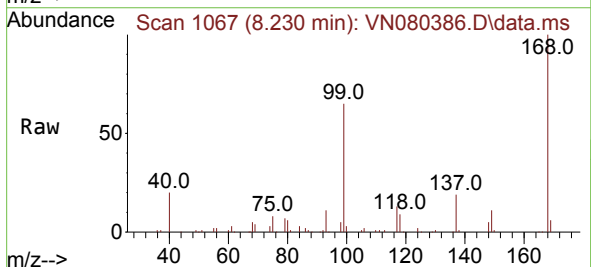


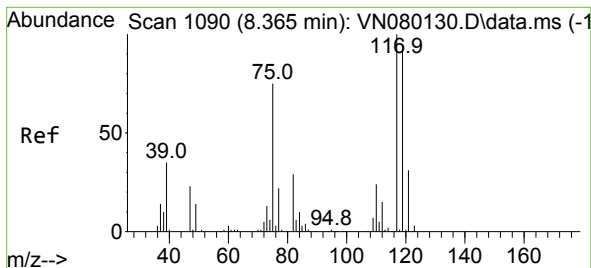
Tgt Ion:113 Resp: 129361
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 19.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.184 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11

Tgt Ion: 75 Resp: 14655
Ion Ratio Lower Upper
75 100
110 10.9 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.003 ug/l

RT: 8.230 min Scan# 1090

Delta R.T. -0.135 min

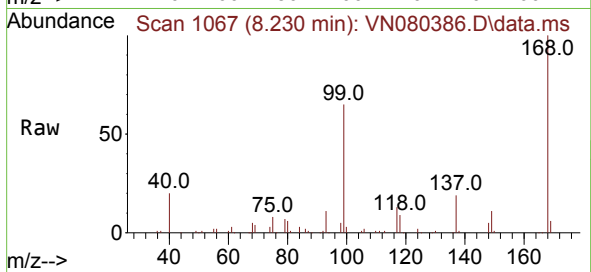
Lab File: VN080386.D

Acq: 06 Dec 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :



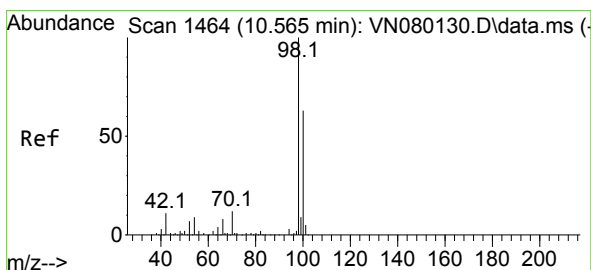
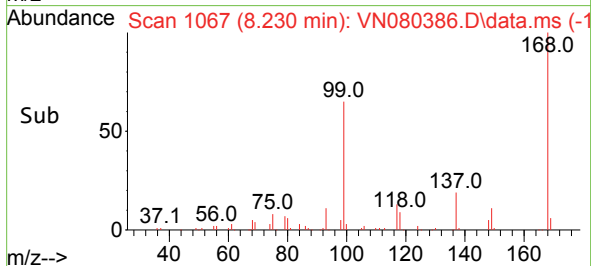
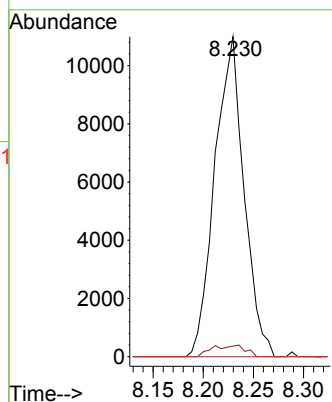
Tgt Ion:117 Resp: 22239

Ion Ratio Lower Upper

117 100

119 3.3 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 50.622 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080386.D

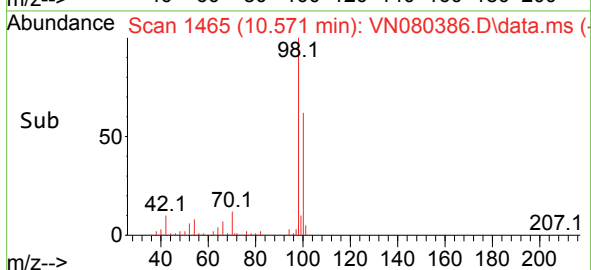
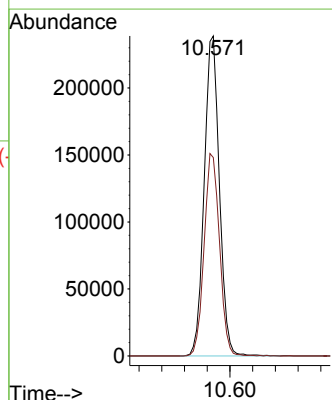
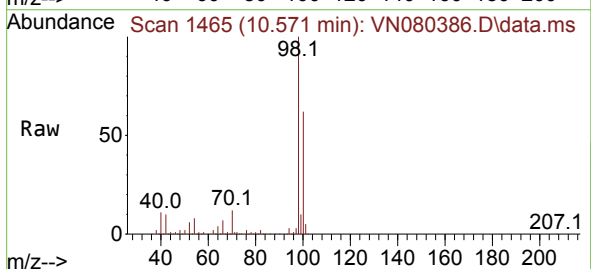
Acq: 06 Dec 2023 15:11

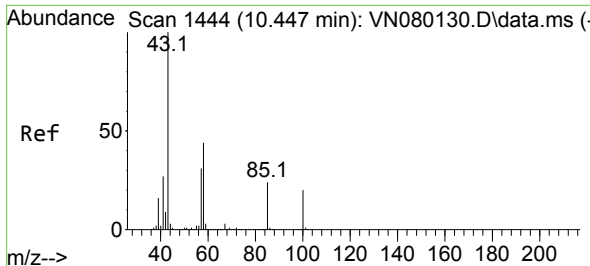
Tgt Ion: 98 Resp: 441479

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

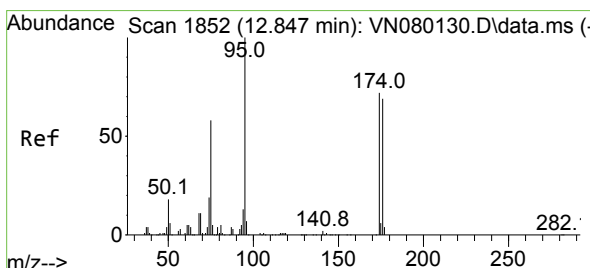
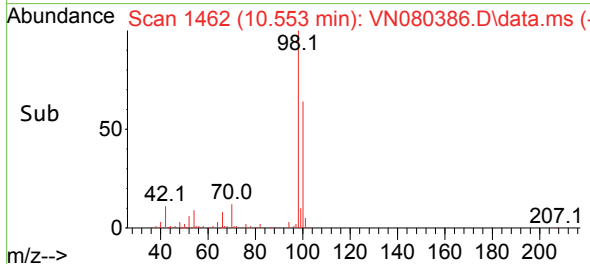
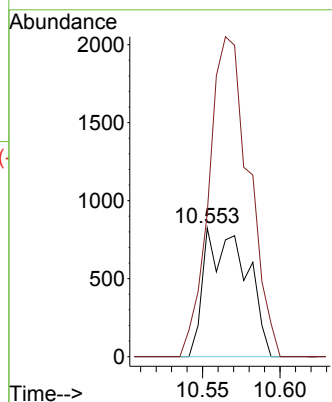
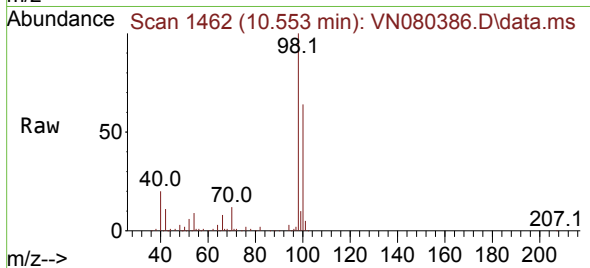




#51
4-Methyl-2-Pentanone
Concen: 0.632 ug/l
RT: 10.553 min Scan# 1444
Delta R.T. 0.106 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11

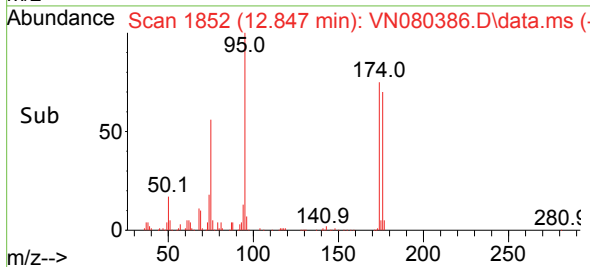
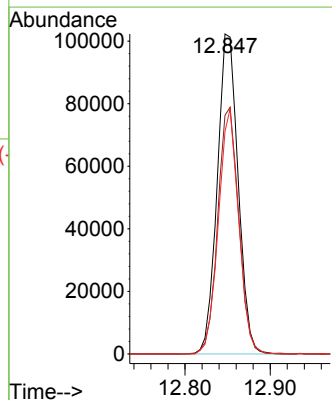
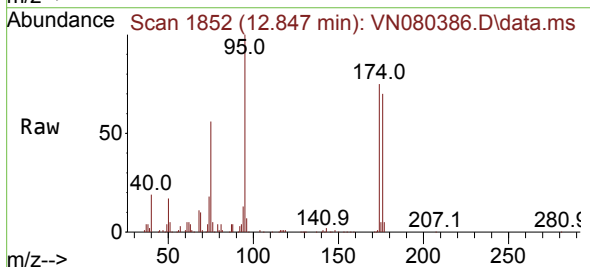
Instrument :
MSVOA_N
ClientSampleId :

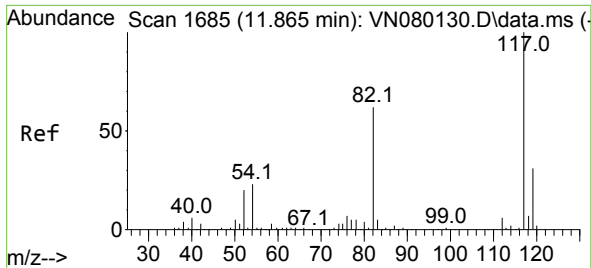
Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
58 237.8 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 52.979 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11

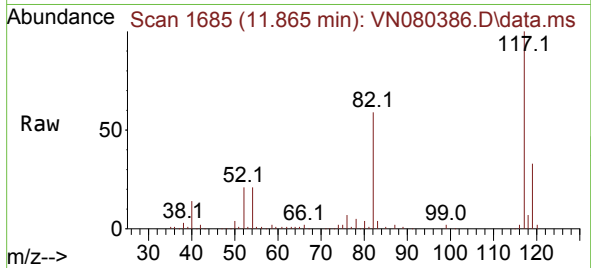
Tgt Ion: 95 Resp: 174517
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 73.9 0.0 135.8



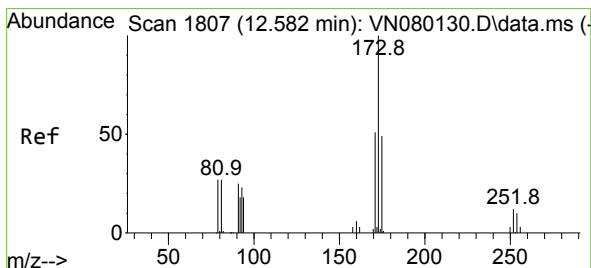
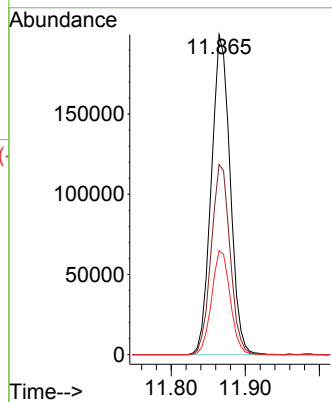
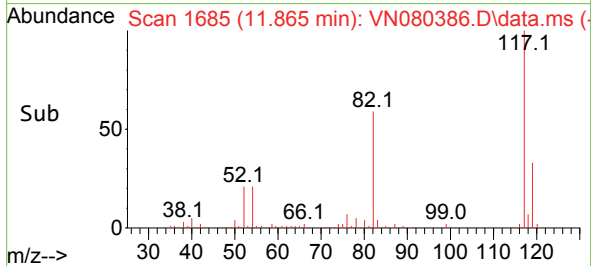


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11

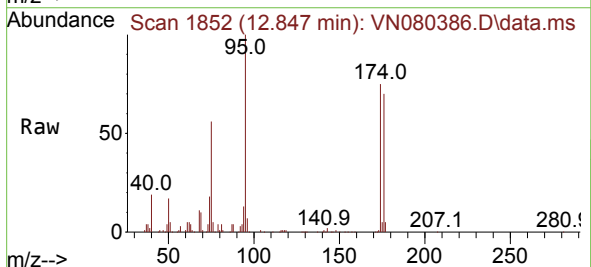
Instrument :
MSVOA_N
ClientSampleId :



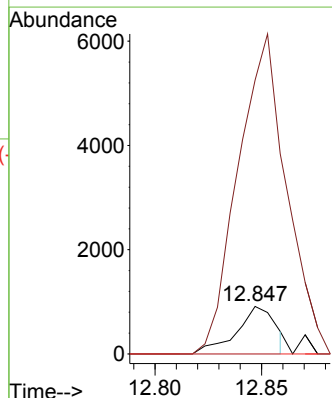
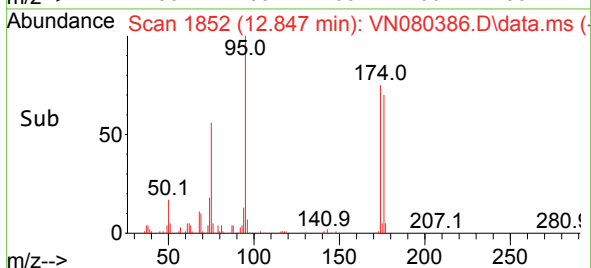
Tgt Ion:117 Resp: 351819
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 32.5 25.6 38.4

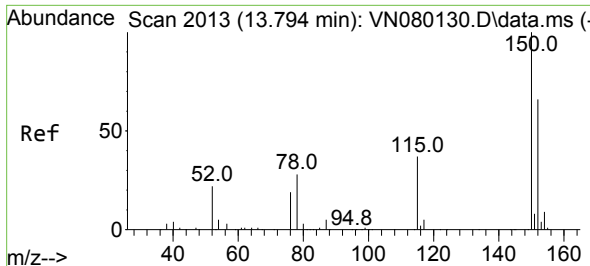


#71
Bromoform
Concen: 0.508 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11



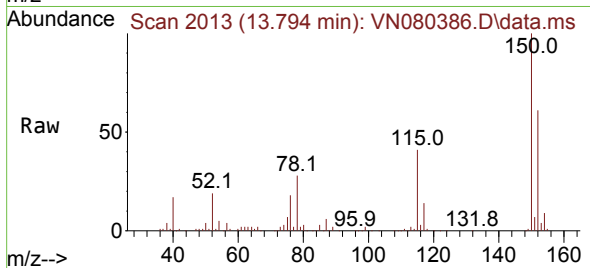
Tgt Ion:173 Resp: 1166
Ion Ratio Lower Upper
173 100
175 700.6 24.3 73.0#
254 0.0 0.0 0.0



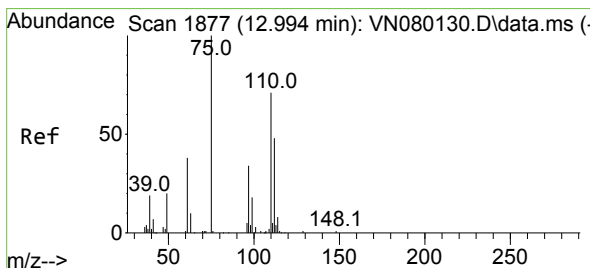
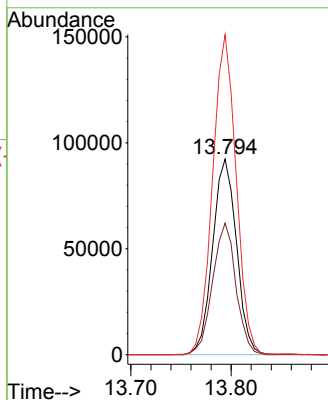
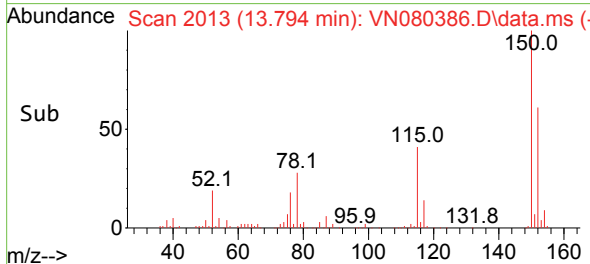


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080386.D
 Acq: 06 Dec 2023 15:11

Instrument :
 MSVOA_N
 ClientSampleId :

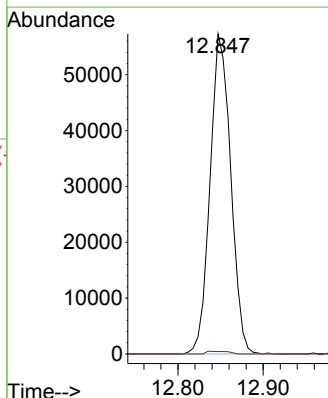
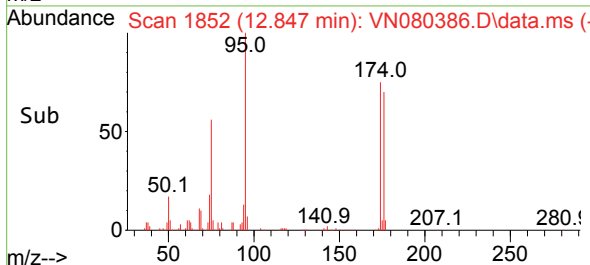
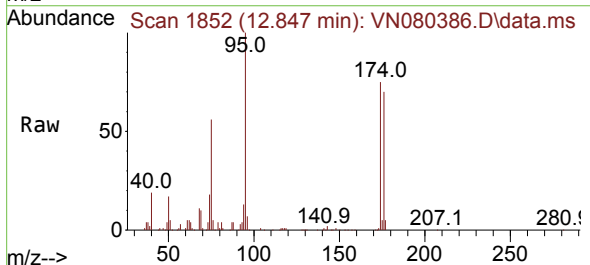


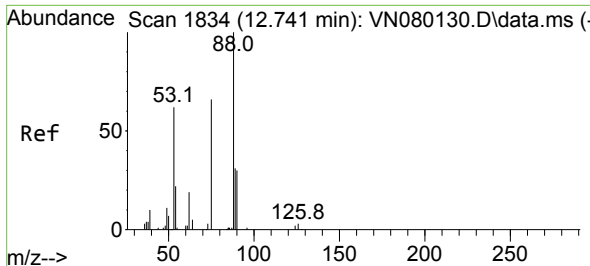
Tgt Ion:152 Resp: 153036
 Ion Ratio Lower Upper
 152 100
 115 65.8 32.3 96.8
 150 161.4 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 25.766 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN080386.D
 Acq: 06 Dec 2023 15:11

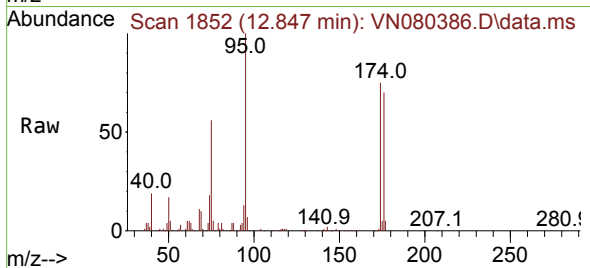
Tgt Ion: 75 Resp: 96613
 Ion Ratio Lower Upper
 75 100
 77 0.9 84.5 253.5#



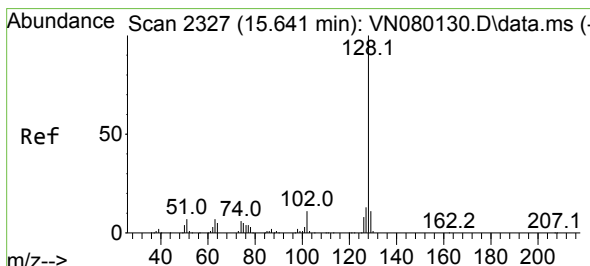
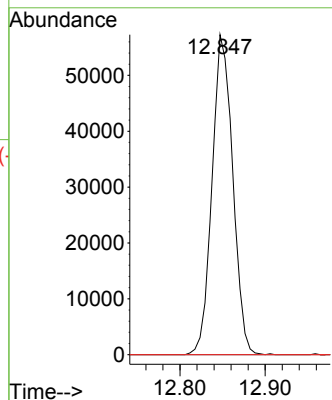
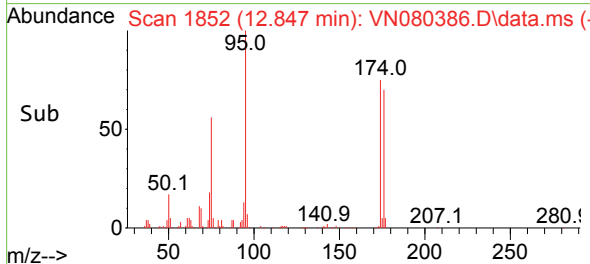


#81
trans-1,4-Dichloro-2-butene
Concen: 87.052 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11

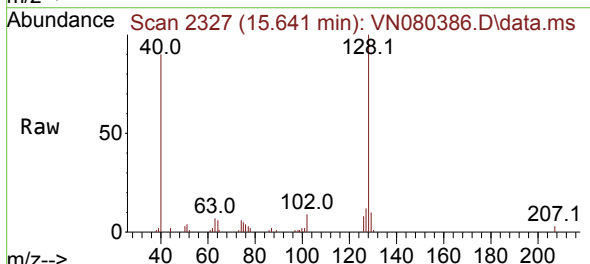
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 96613
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 4.658 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11



Tgt Ion: 128 Resp: 40607
Ion Ratio Lower Upper
128 100
127 14.3 10.0 15.0
129 10.5 8.7 13.1

