

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080323.D
 Acq On : 01 Dec 2023 15:59
 Operator : JC\MD
 Sample : 05607-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 01 22:35:34 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)

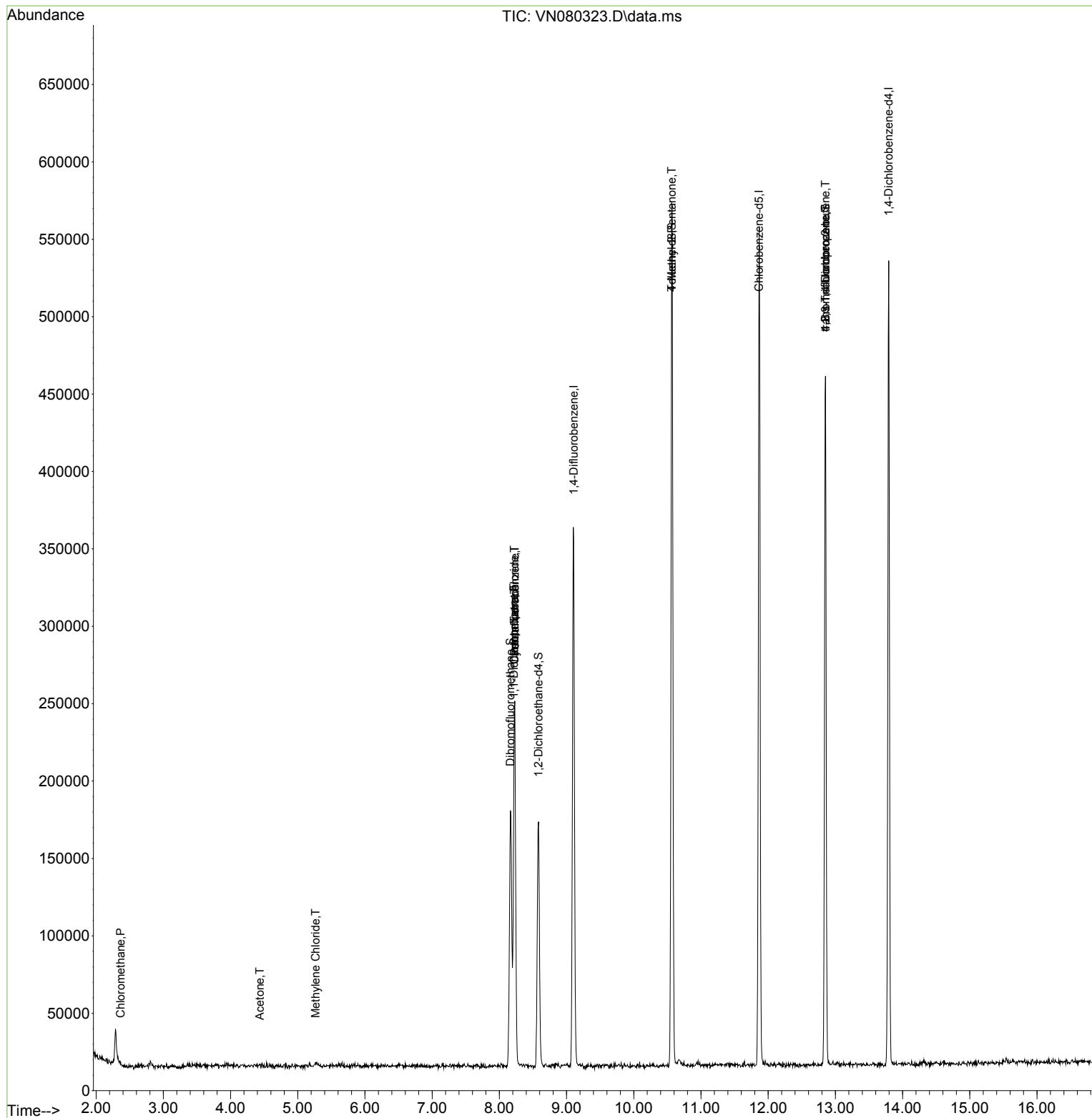
Internal Standards						
1) Pentafluorobenzene	8.230	168	169156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147611	52.850	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.700%	
35) Dibromofluoromethane	8.165	113	116905	54.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.400%	
50) Toluene-d8	10.565	98	395440	50.862	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.720%	
62) 4-Bromofluorobenzene	12.853	95	154604	52.647	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	392	0.207	ug/l #	42
6) Chloroethane	3.130	64	185	Below Cal	#	43
16) Acetone	4.436	43	1152	1.228	ug/l #	40
20) Methylene Chloride	5.265	84	1890	0.962	ug/l	91
31) Cyclohexane	8.224	56	3834	1.262	ug/l #	49
36) 1,1-Dichloropropene	8.218	75	14418	4.617	ug/l #	48
38) Carbon Tetrachloride	8.224	117	19498	4.921	ug/l #	14
51) 4-Methyl-2-Pentanone	10.565	43	1565	0.717	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	86555	25.855	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	86555	87.353	ug/l #	15

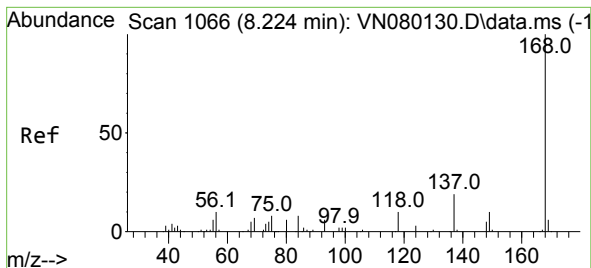
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
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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: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080323.D

Acq: 01 Dec 2023 15:59

Instrument :

MSVOA_N

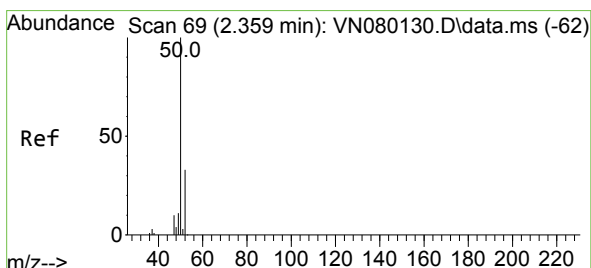
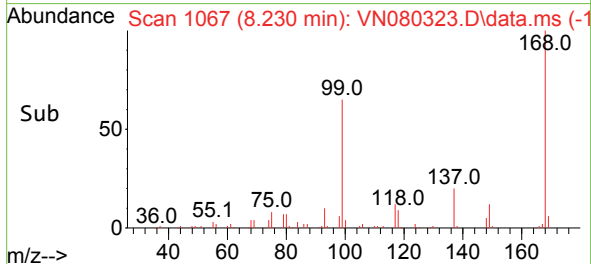
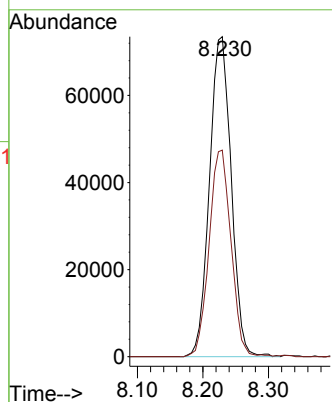
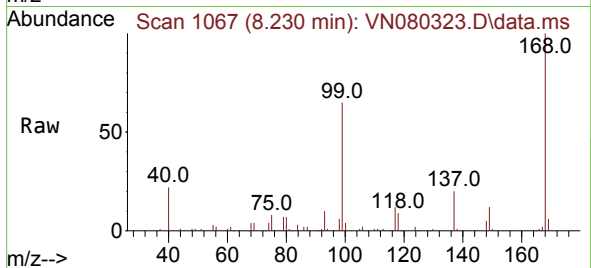
ClientSampleId :

Tgt Ion:168 Resp: 169156

Ion Ratio Lower Upper

168 100

99 64.6 53.0 79.6



#3

Chloromethane

Concen: 0.207 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080323.D

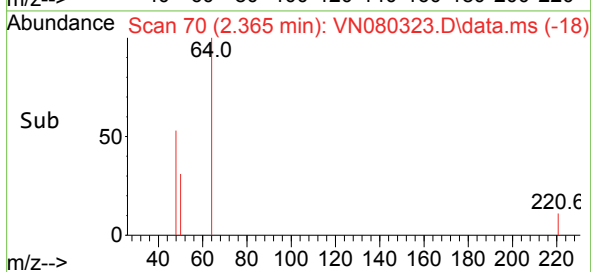
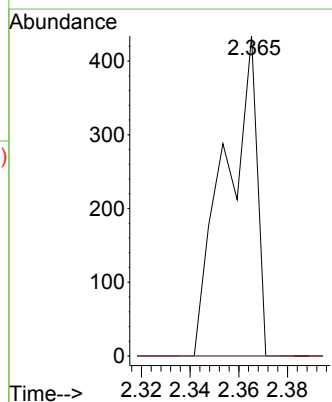
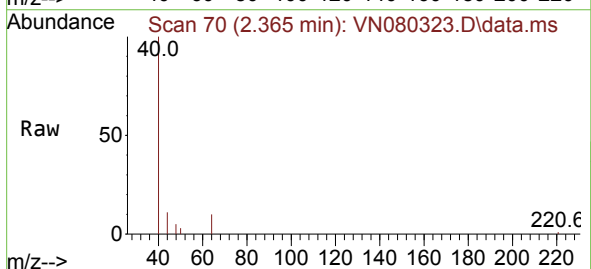
Acq: 01 Dec 2023 15:59

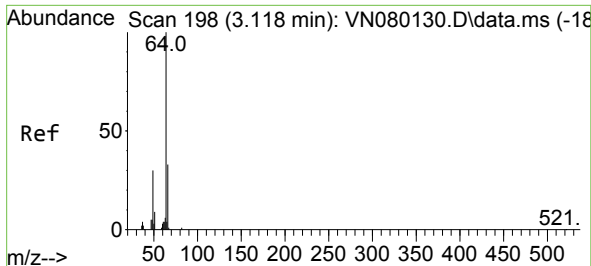
Tgt Ion: 50 Resp: 392

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#

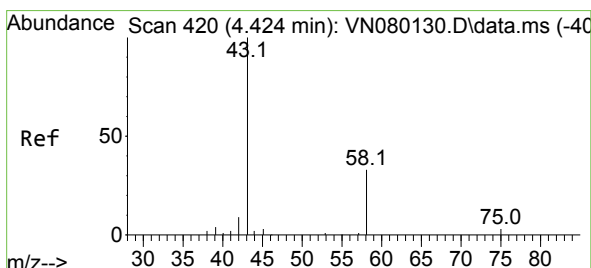
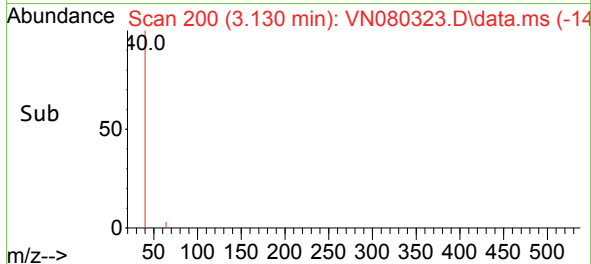
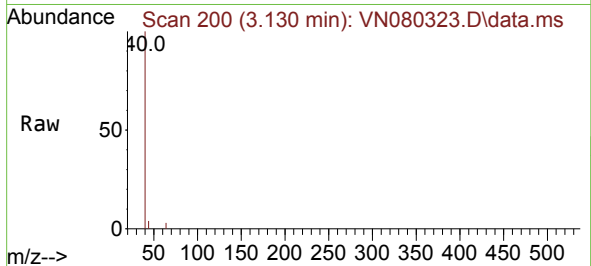




#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN080323.D
Acq: 01 Dec 2023 15:59

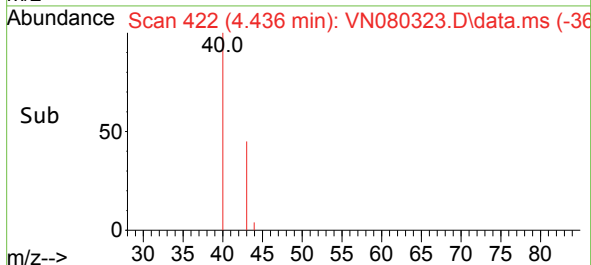
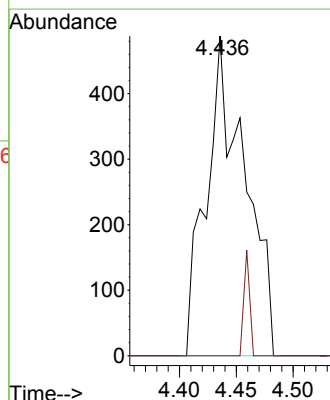
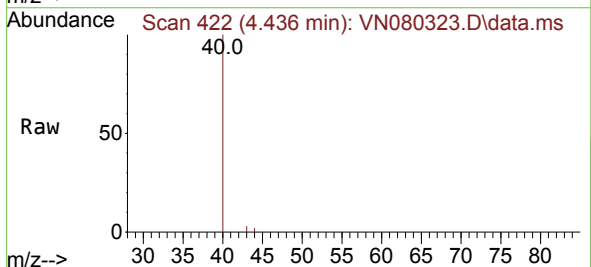
Instrument :
MSVOA_N
ClientSampleId :

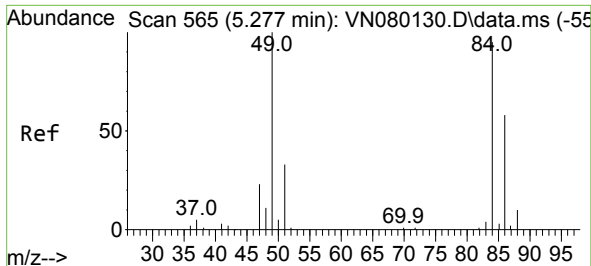
Tgt Ion: 64 Resp: 185
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 1.228 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080323.D
Acq: 01 Dec 2023 15:59

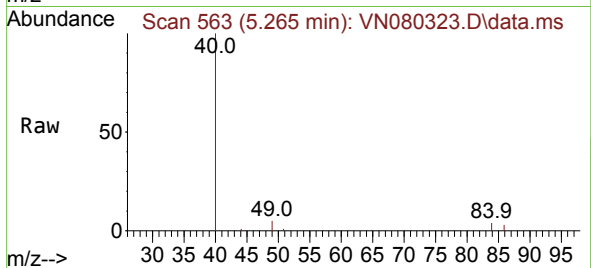
Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



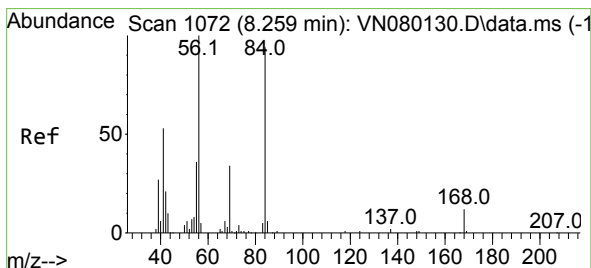
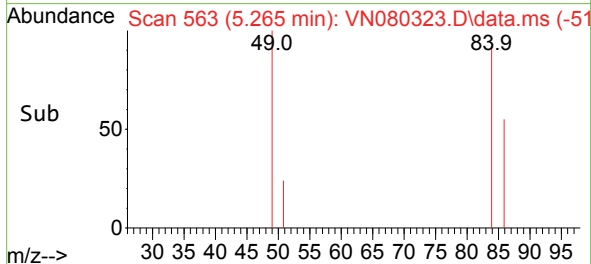
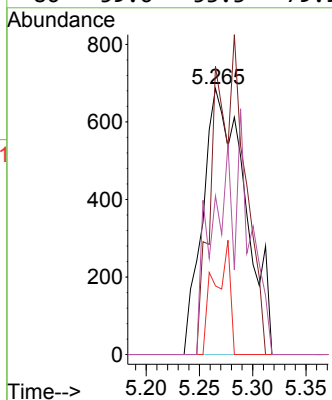


#20
Methylene Chloride
Concen: 0.962 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN080323.D
Acq: 01 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :

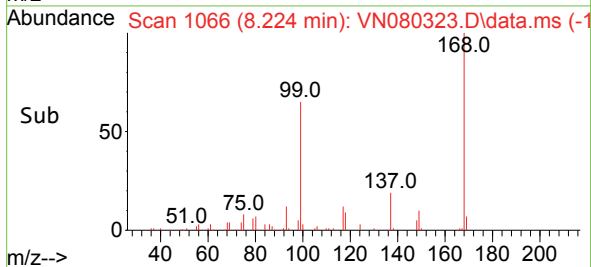
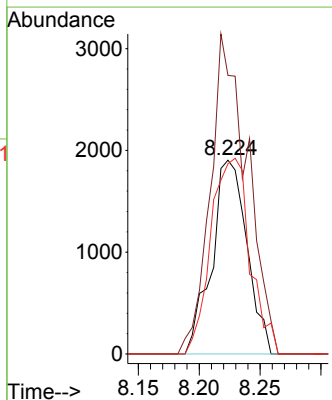
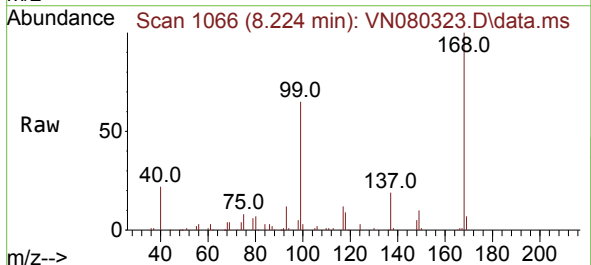


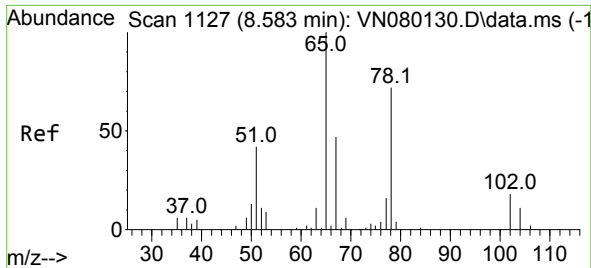
Tgt Ion:	84	Resp:	1890
Ion	Ratio	Lower	Upper
84	100		
49	108.3	79.7	119.5
51	25.8	25.2	37.8
86	59.6	53.3	79.9



#31
Cyclohexane
Concen: 1.262 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080323.D
Acq: 01 Dec 2023 15:59

Tgt Ion:	56	Resp:	3834
Ion	Ratio	Lower	Upper
56	100		
69	143.8	26.8	40.2#
84	98.2	81.8	122.6

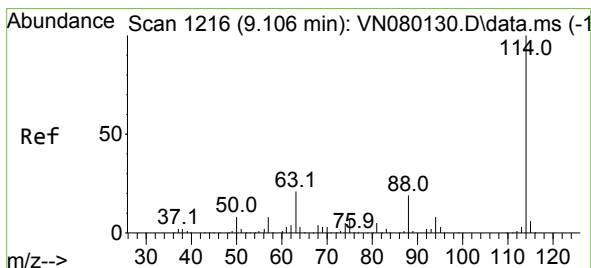
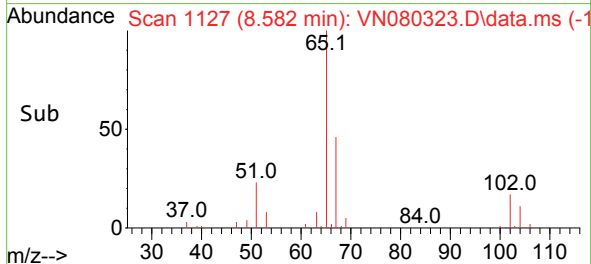
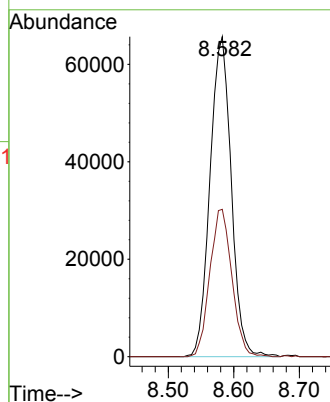
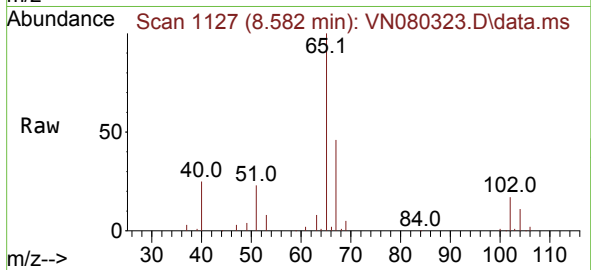




#33
 1,2-Dichloroethane-d4
 Concen: 52.850 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN080323.D
 Acq: 01 Dec 2023 15:59

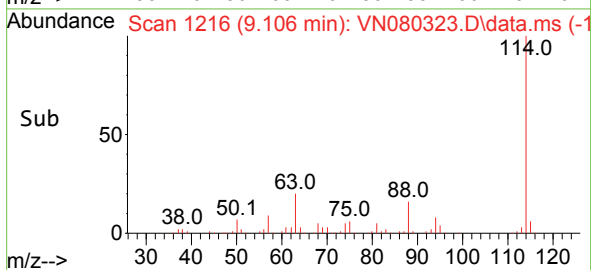
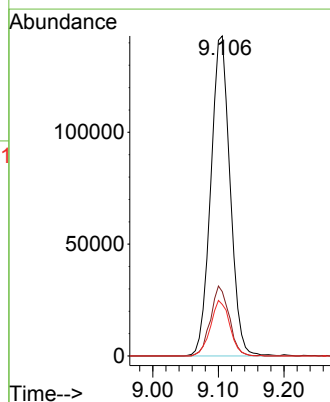
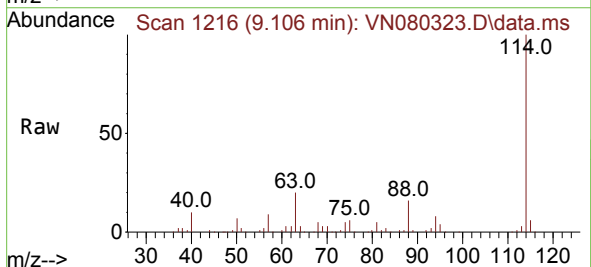
Instrument :
 MSVOA_N
 ClientSampleId :

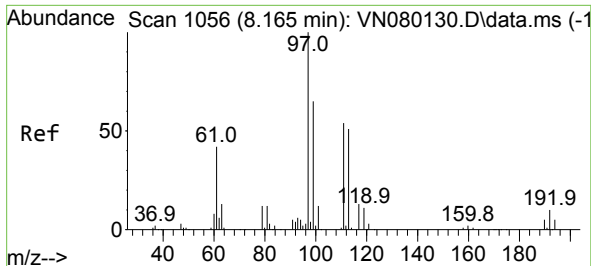
Tgt Ion: 65 Resp: 147611
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN080323.D
 Acq: 01 Dec 2023 15:59

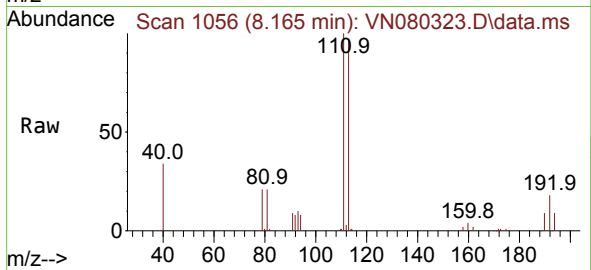
Tgt Ion: 114 Resp: 292297
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 36.4
 88 16.1 0.0 30.6



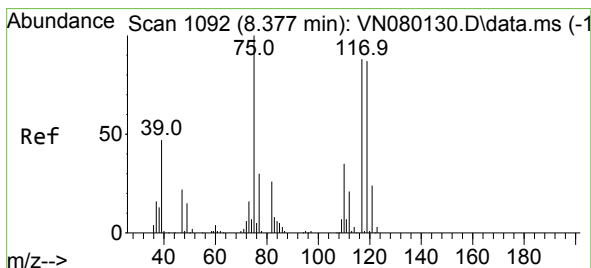
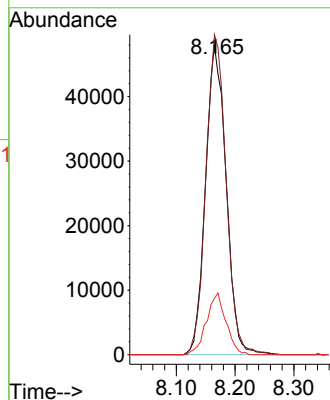
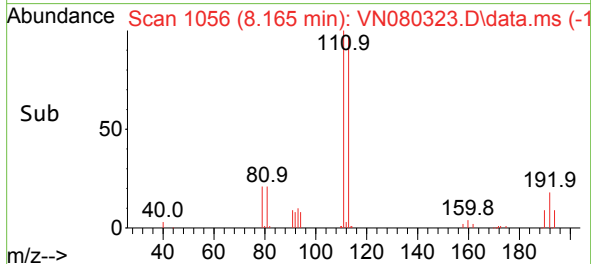


#35
Dibromofluoromethane
Concen: 54.204 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080323.D
Acq: 01 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :

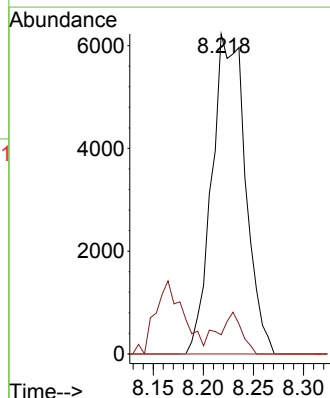
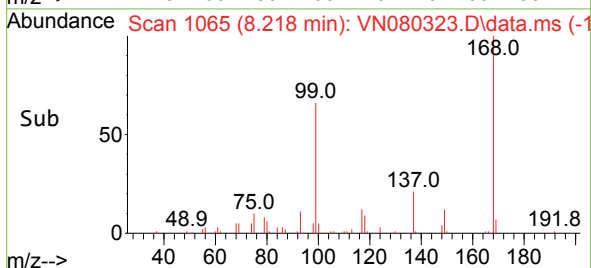
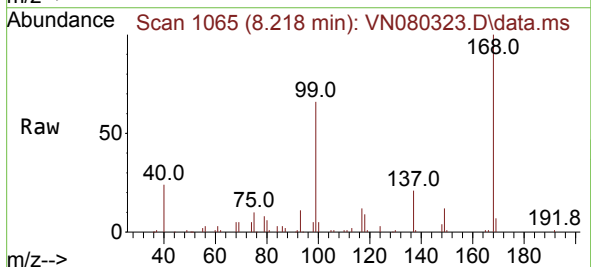


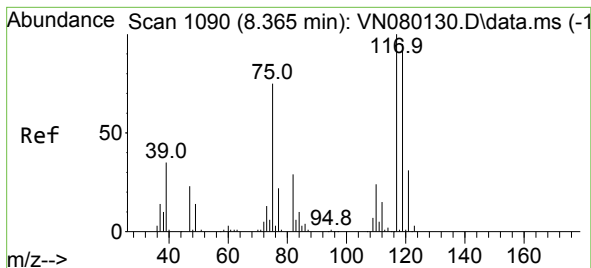
Tgt Ion:113 Resp: 116905
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 18.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.159 min
Lab File: VN080323.D
Acq: 01 Dec 2023 15:59

Tgt Ion: 75 Resp: 14418
Ion Ratio Lower Upper
75 100
110 9.2 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.921 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

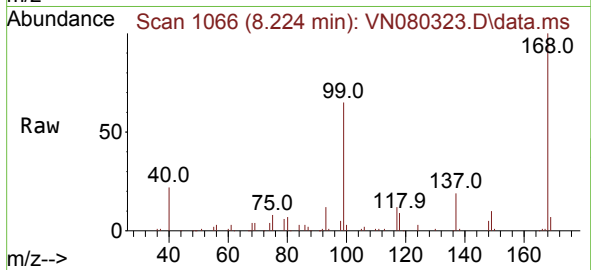
Lab File: VN080323.D

Acq: 01 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :



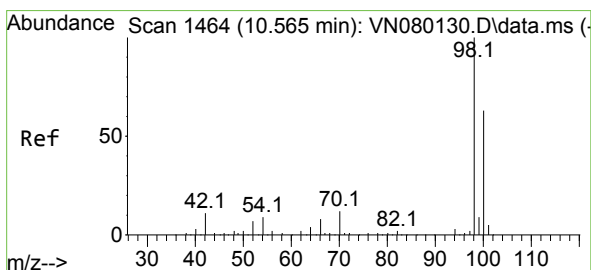
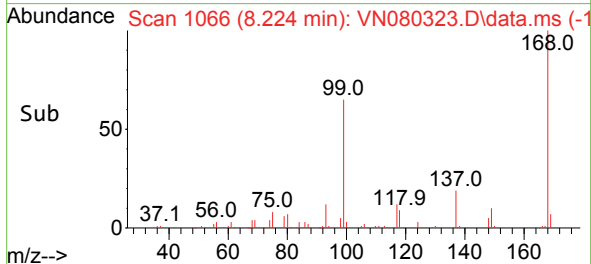
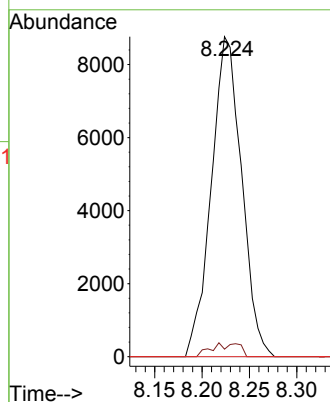
Tgt Ion:117 Resp: 19498

Ion Ratio Lower Upper

117 100

119 2.3 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 50.862 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080323.D

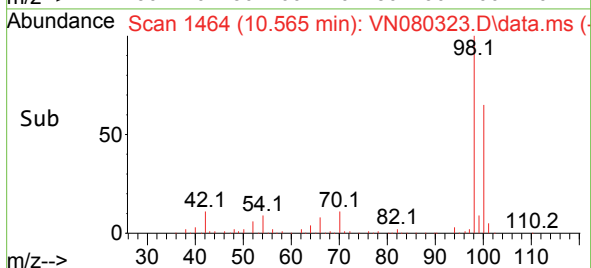
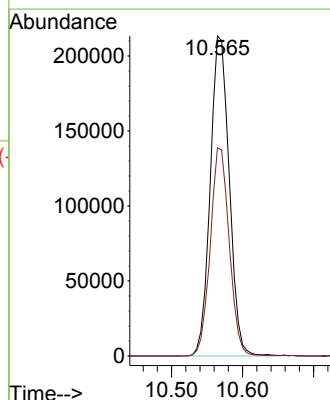
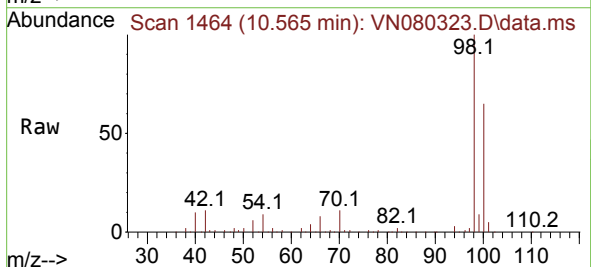
Acq: 01 Dec 2023 15:59

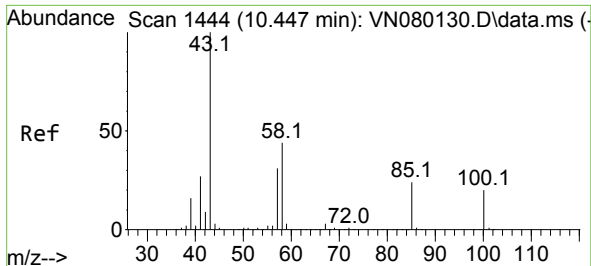
Tgt Ion: 98 Resp: 395440

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.717 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.117 min

Lab File: VN080323.D

Acq: 01 Dec 2023 15:59

Instrument :

MSVOA_N

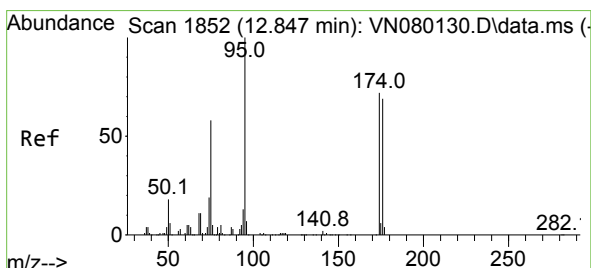
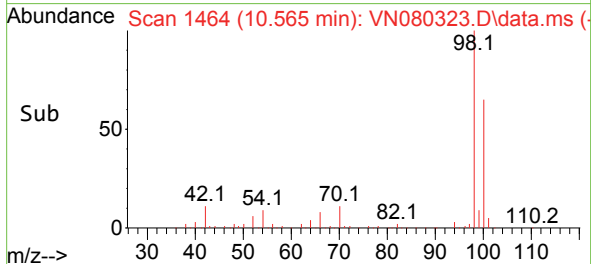
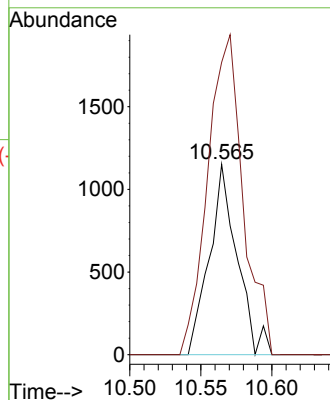
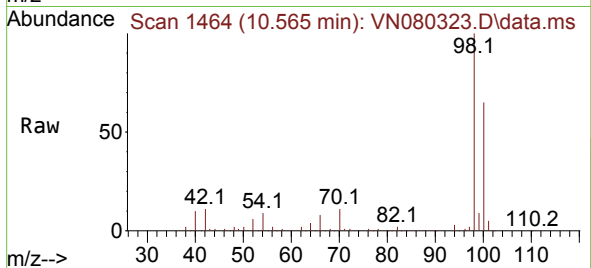
ClientSampleId :

Tgt Ion: 43 Resp: 1565

Ion Ratio Lower Upper

43 100

58 214.2 36.6 54.8#



#62

4-Bromofluorobenzene

Concen: 52.647 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080323.D

Acq: 01 Dec 2023 15:59

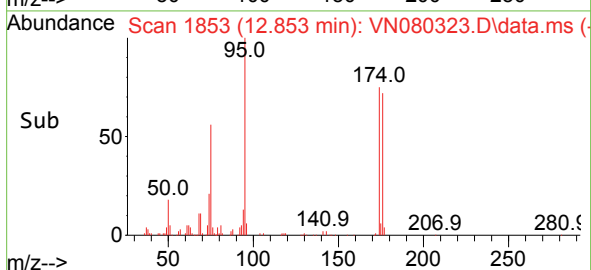
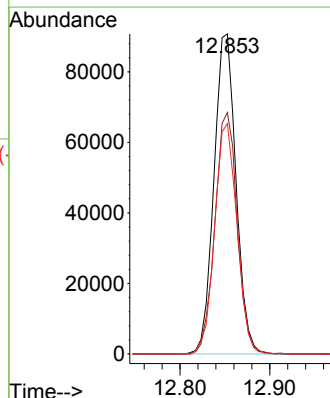
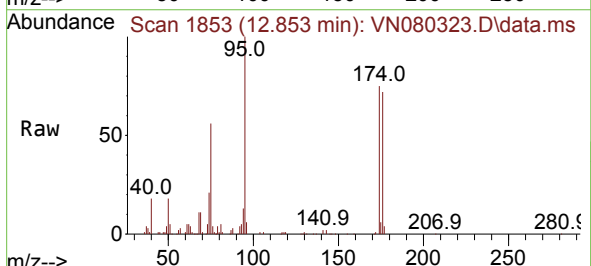
Tgt Ion: 95 Resp: 154604

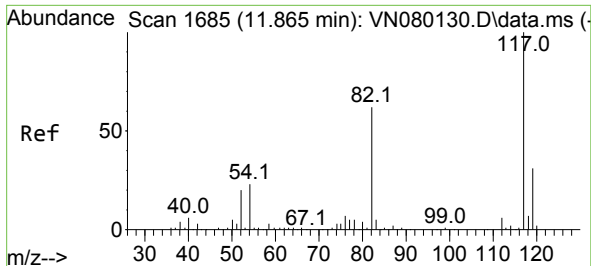
Ion Ratio Lower Upper

95 100

174 76.0 0.0 143.8

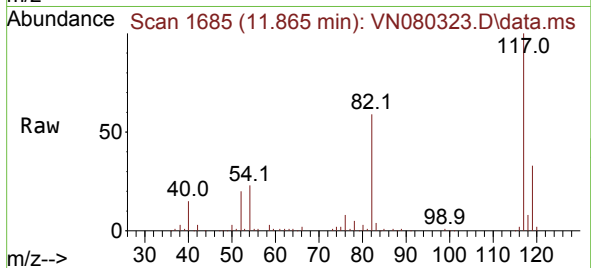
176 73.3 0.0 135.8



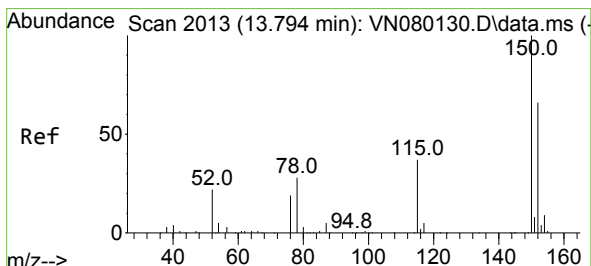
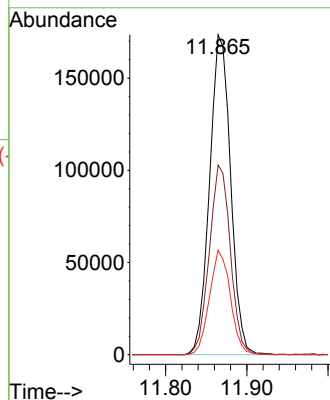
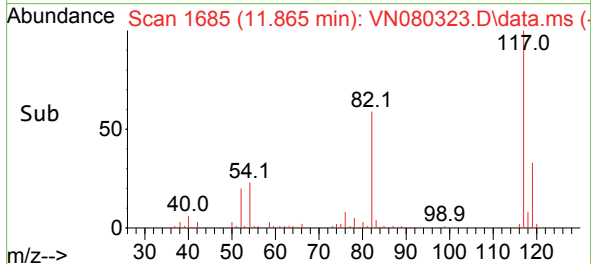


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080323.D
Acq: 01 Dec 2023 15:59

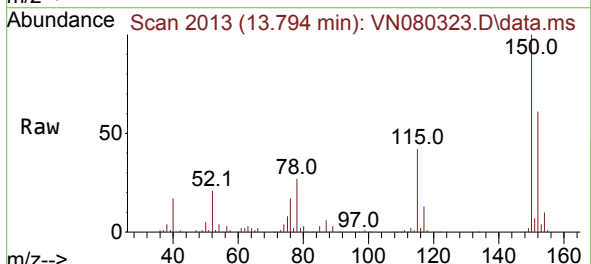
Instrument :
MSVOA_N
ClientSampleId :



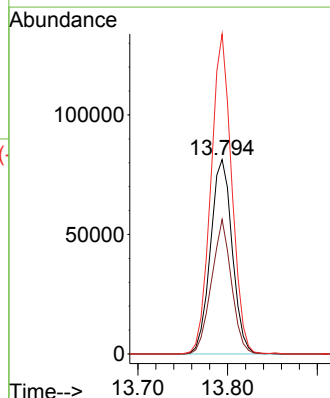
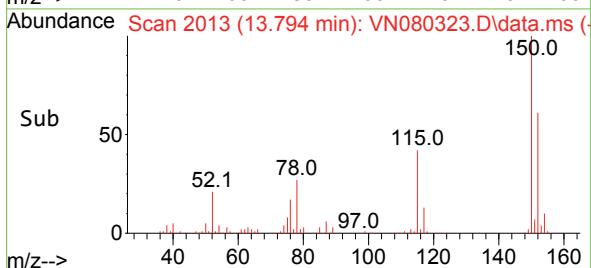
Tgt Ion:117 Resp: 312410
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 32.7 25.6 38.4

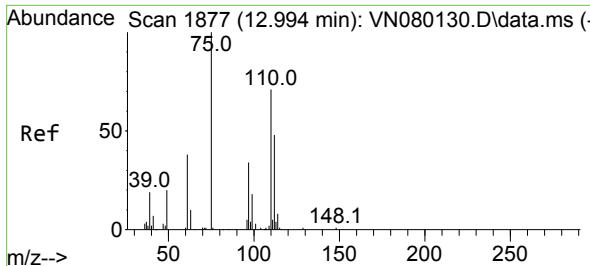


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080323.D
Acq: 01 Dec 2023 15:59



Tgt Ion:152 Resp: 136632
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 157.5 0.0 355.8

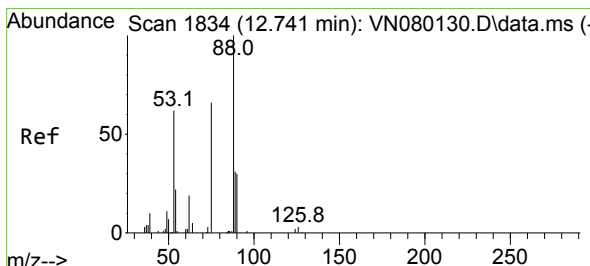
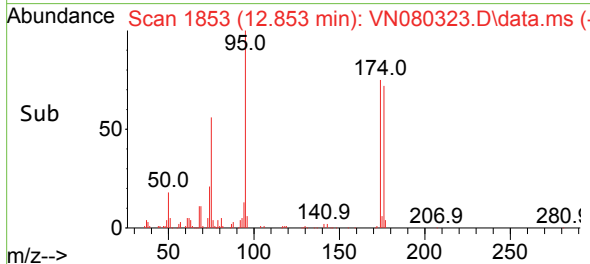
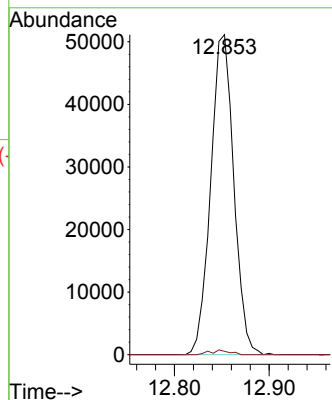
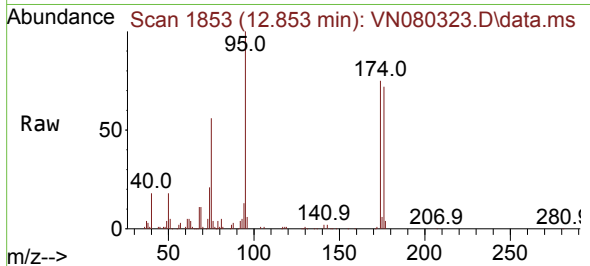




#76
1,2,3-Trichloropropane
Concen: 25.855 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080323.D
Acq: 01 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 86555
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.353 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080323.D
Acq: 01 Dec 2023 15:59

Tgt Ion: 75 Resp: 86555
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

