

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080148.D
 Acq On : 16 Nov 2023 21:09
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 17 01:29:17 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)

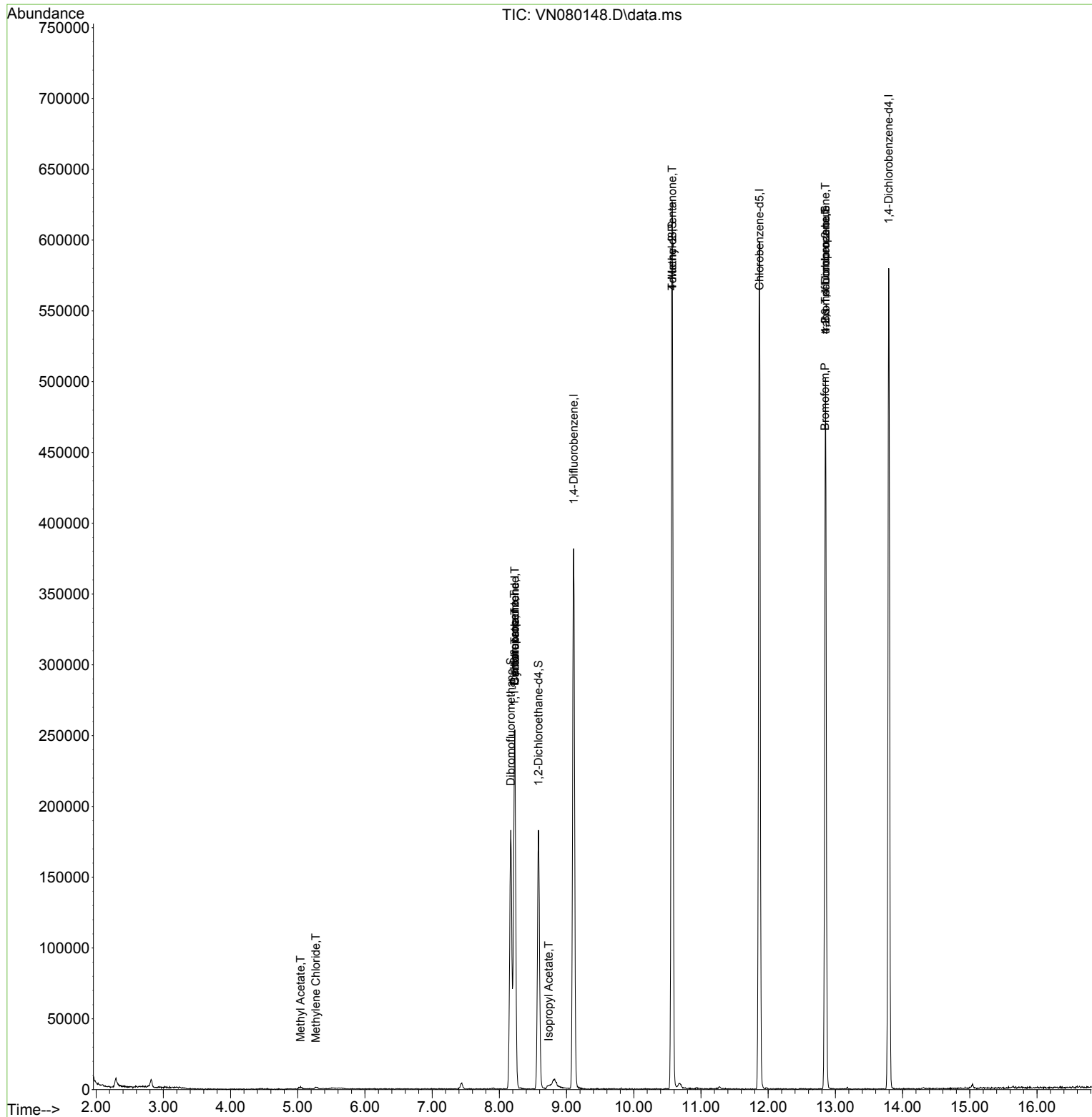
Internal Standards						
1) Pentafluorobenzene	8.229	168	172900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	324056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	343428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	157844	55.290	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.580%	
35) Dibromofluoromethane	8.171	113	125247	52.380	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.760%	
50) Toluene-d8	10.570	98	430811	49.981	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.960%	
62) 4-Bromofluorobenzene	12.853	95	169675	52.116	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.240%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.130	64	442	Below Cal	#	43
18) Methyl Acetate	5.041	43	2168	0.704	ug/l #	80
20) Methylene Chloride	5.271	84	490	0.244	ug/l #	73
31) Cyclohexane	8.229	56	3834	1.235	ug/l #	32
36) 1,1-Dichloropropene	8.224	75	13850	4.001	ug/l #	50
38) Carbon Tetrachloride	8.229	117	19627	4.468	ug/l #	16
43) Isopropyl Acetate	8.735	43	1780	0.381	ug/l #	49
51) 4-Methyl-2-Pentanone	10.570	43	1725	0.713	ug/l #	1
71) Bromoform	12.847	173	718	0.321	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	94150	24.520	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	94150	82.843	ug/l #	15

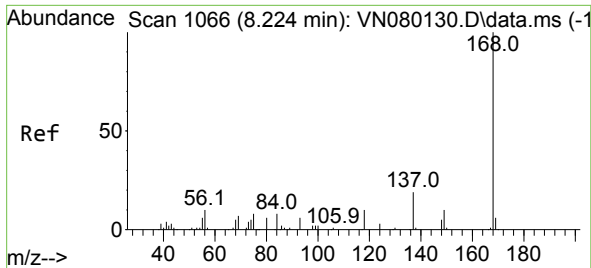
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
Data File : VN080148.D
Acq On : 16 Nov 2023 21:09
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 17 01:29:17 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

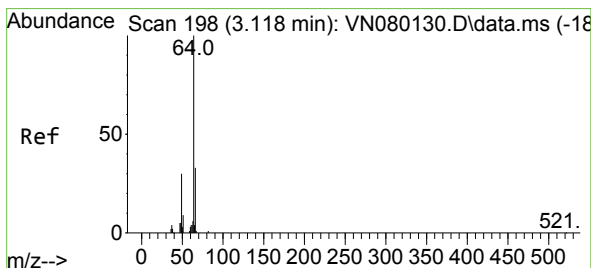
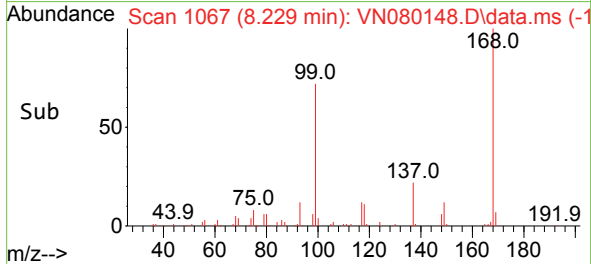
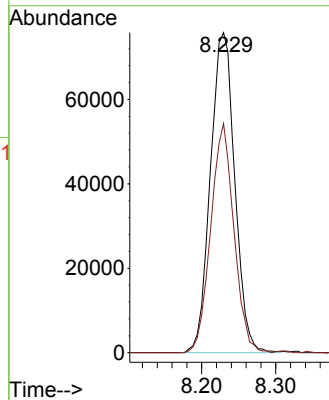
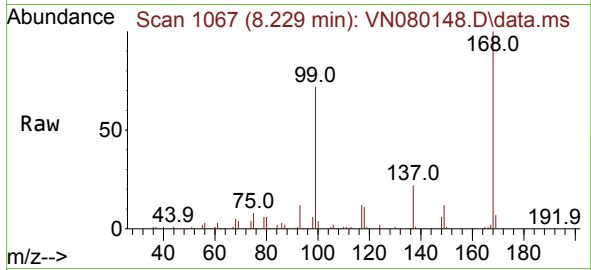




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN080148.D
Acq: 16 Nov 2023 21:09

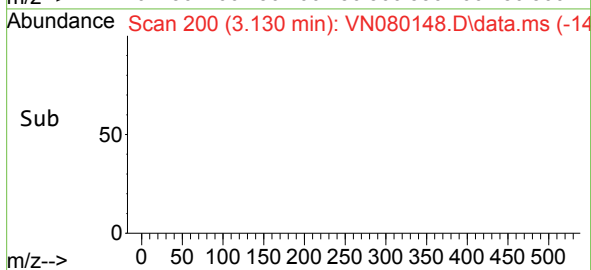
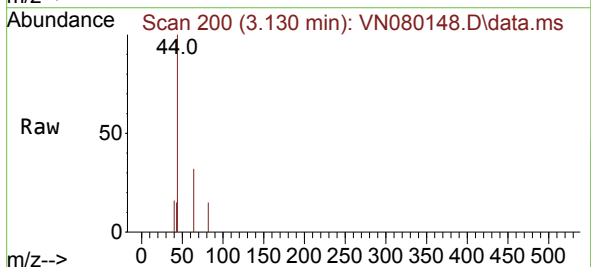
Instrument :
MSVOA_N
ClientSampleId :

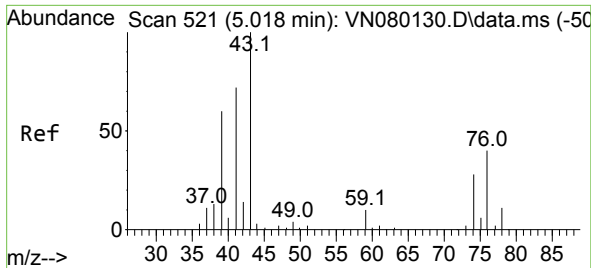
Tgt Ion:168 Resp: 172900
Ion Ratio Lower Upper
168 100
99 71.6 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN080148.D
Acq: 16 Nov 2023 21:09

Tgt Ion: 64 Resp: 442
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

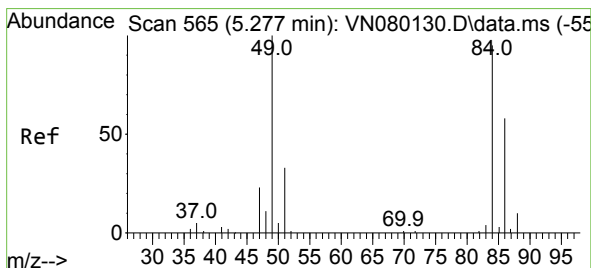
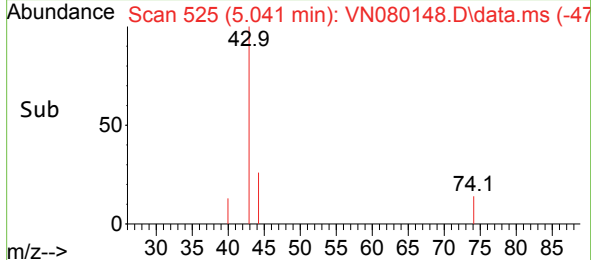
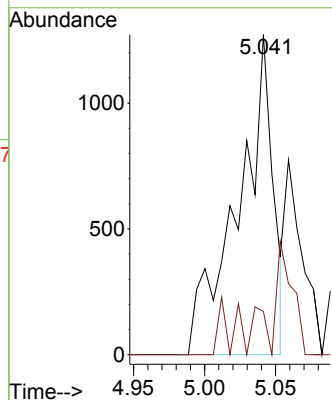
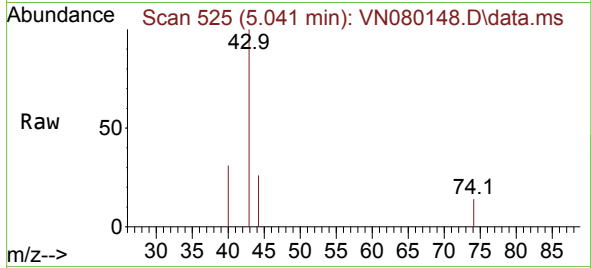




#18
Methyl Acetate
Concen: 0.704 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN080148.D
Acq: 16 Nov 2023 21:09

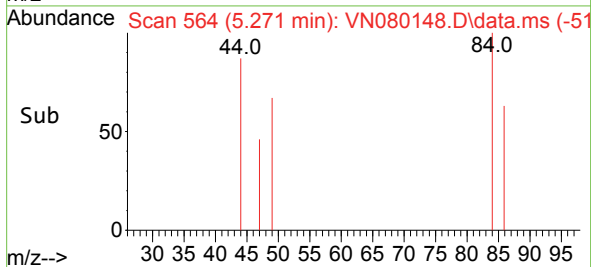
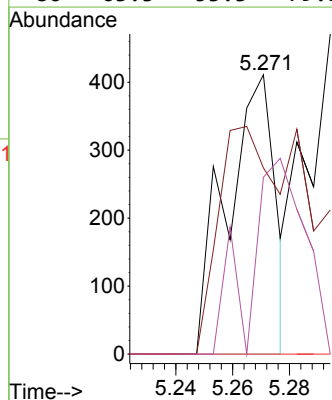
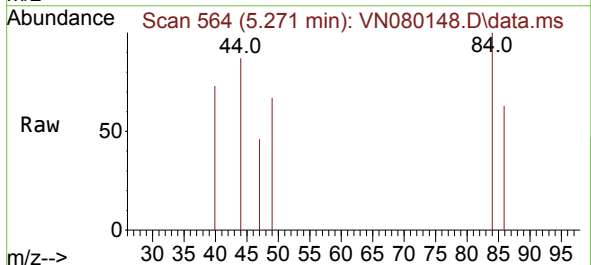
Instrument :
MSVOA_N
ClientSampleId :

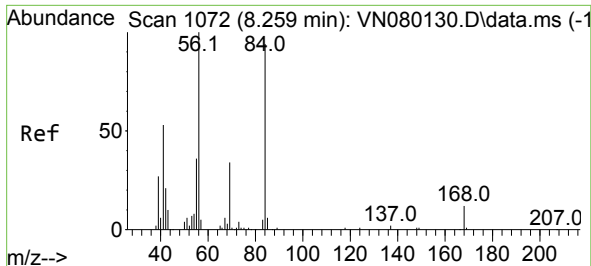
Tgt Ion: 43 Resp: 2168
Ion Ratio Lower Upper
43 100
74 21.8 26.2 39.4#



#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080148.D
Acq: 16 Nov 2023 21:09

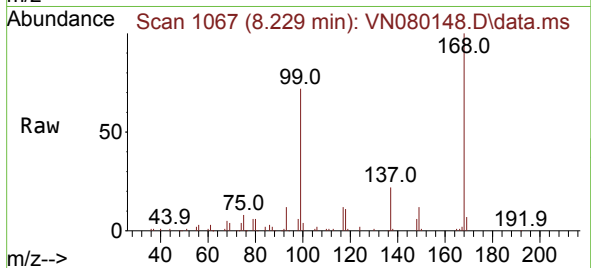
Tgt Ion: 84 Resp: 490
Ion Ratio Lower Upper
84 100
49 66.7 79.7 119.5#
51 0.0 25.2 37.8#
86 63.3 53.3 79.9



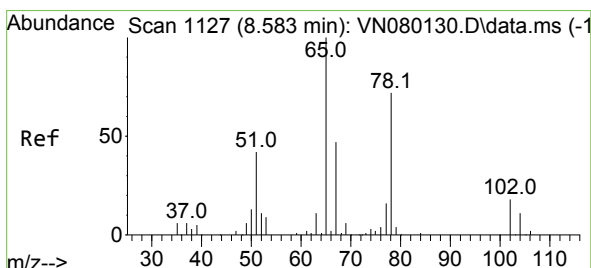
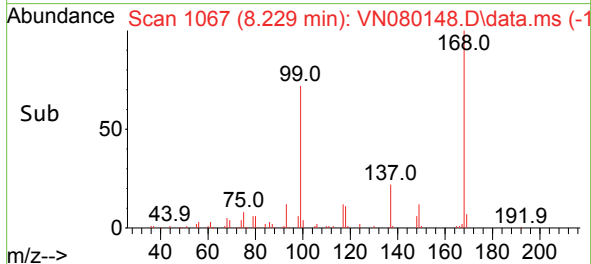
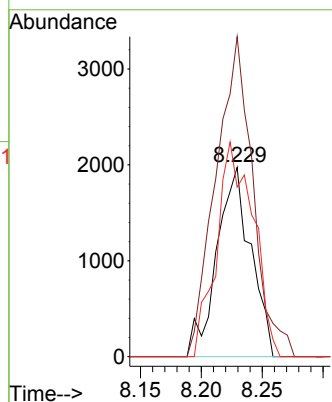


#31
Cyclohexane
Concen: 1.235 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN080148.D
Acq: 16 Nov 2023 21:09

Instrument :
MSVOA_N
ClientSampleId :

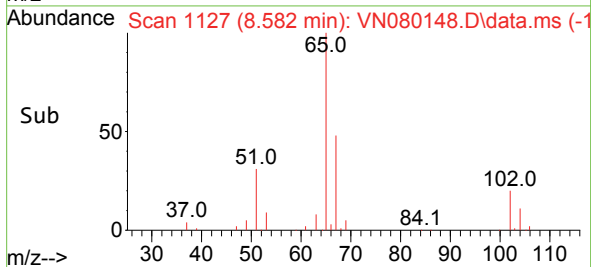
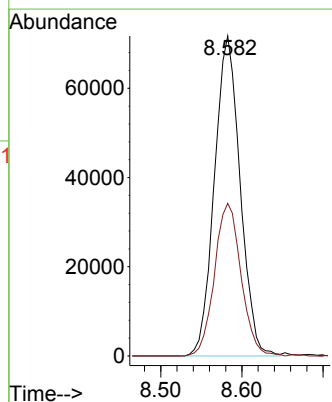
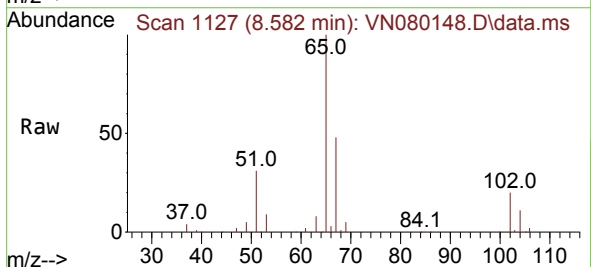


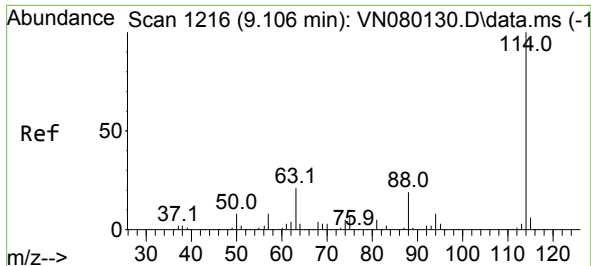
Tgt Ion: 56 Resp: 3834
Ion Ratio Lower Upper
56 100
69 169.0 26.8 40.2#
84 89.6 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 55.290 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080148.D
Acq: 16 Nov 2023 21:09

Tgt Ion: 65 Resp: 157844
Ion Ratio Lower Upper
65 100
67 49.2 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: VN080148.D

Acq: 16 Nov 2023 21:09

Instrument :

MSVOA_N

ClientSampleId :

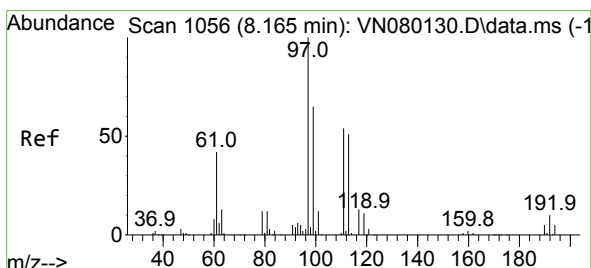
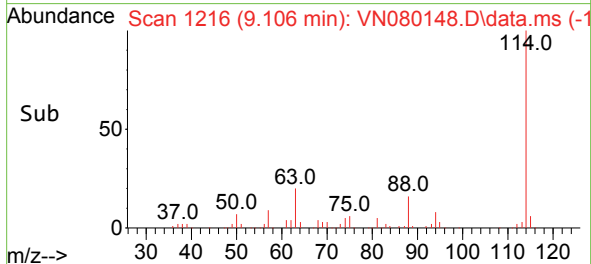
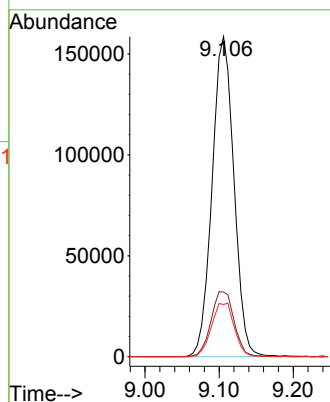
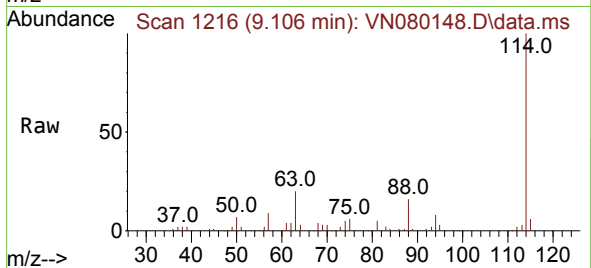
Tgt Ion:114 Resp: 324056

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.380 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080148.D

Acq: 16 Nov 2023 21:09

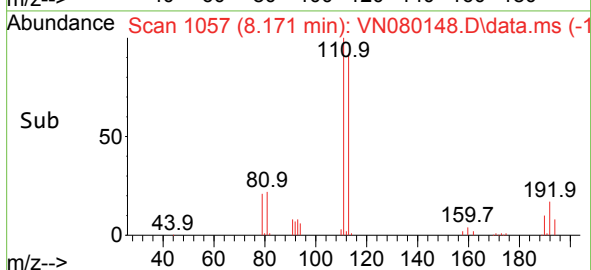
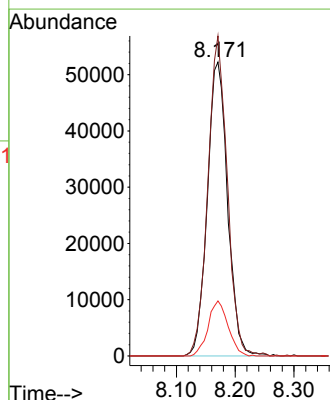
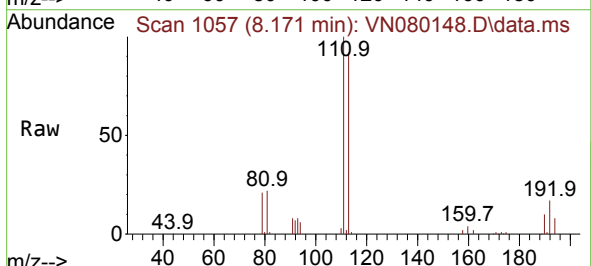
Tgt Ion:113 Resp: 125247

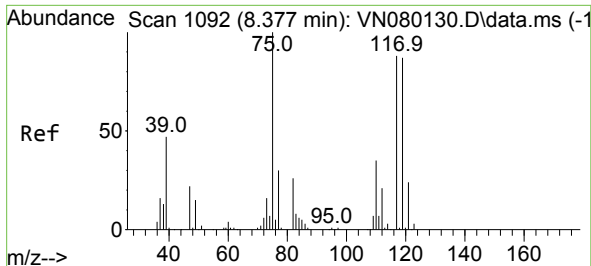
Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

192 18.5 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.001 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

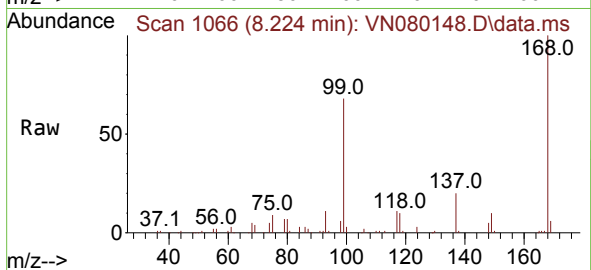
Lab File: VN080148.D

Acq: 16 Nov 2023 21:09

Instrument :

MSVOA_N

ClientSampleId :



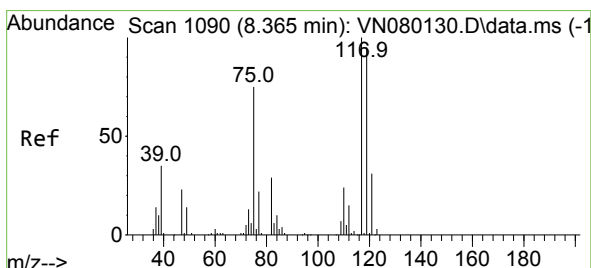
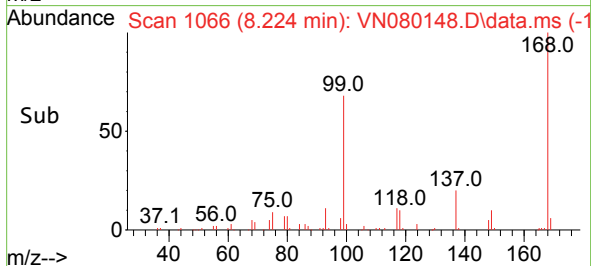
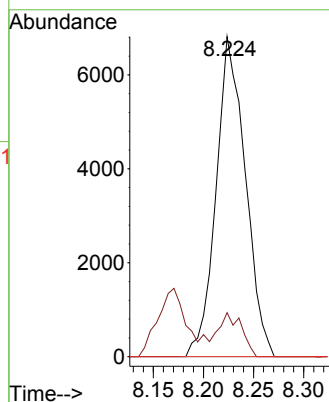
Tgt Ion: 75 Resp: 13850

Ion Ratio Lower Upper

75 100

110 10.8 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.468 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.136 min

Lab File: VN080148.D

Acq: 16 Nov 2023 21:09

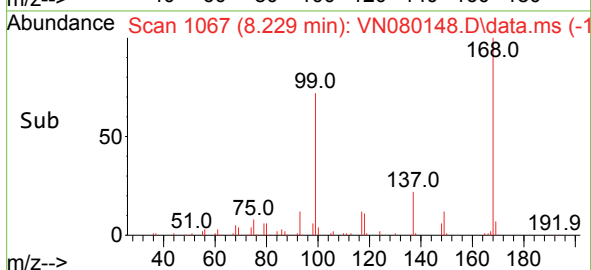
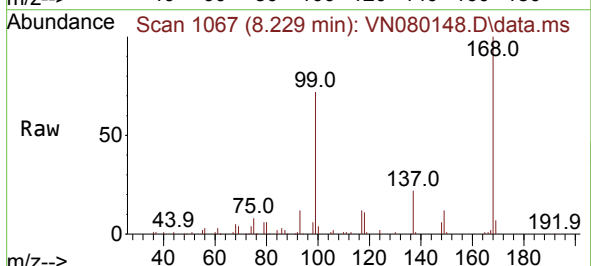
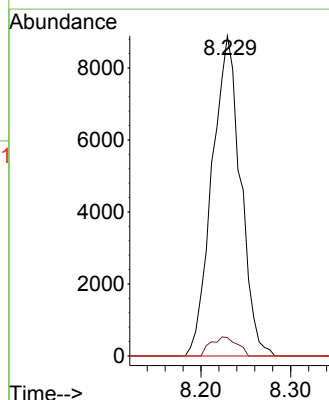
Tgt Ion: 117 Resp: 19627

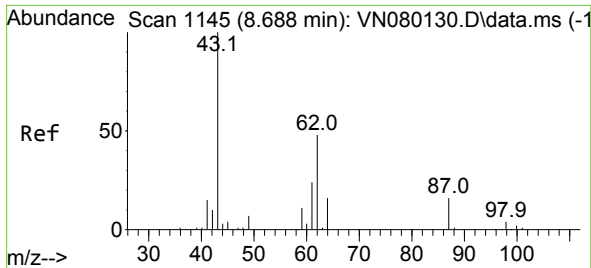
Ion Ratio Lower Upper

117 100

119 5.8 77.3 115.9#

121 0.0 23.3 34.9#

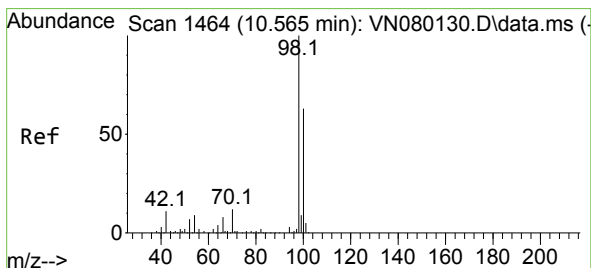
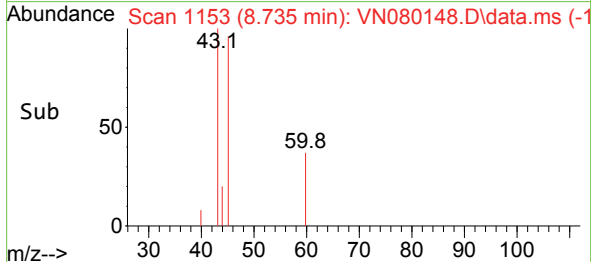
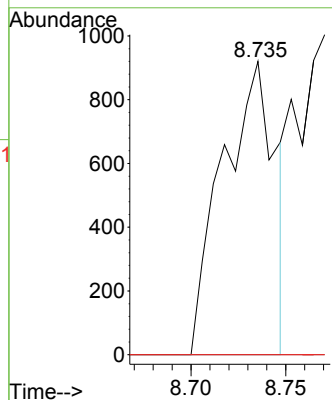
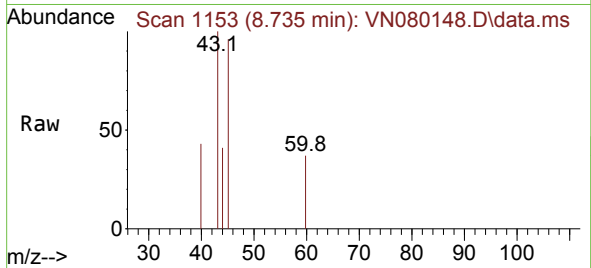




#43
Isopropyl Acetate
Concen: 0.381 ug/l
RT: 8.735 min Scan# 1145
Delta R.T. 0.047 min
Lab File: VN080148.D
Acq: 16 Nov 2023 21:09

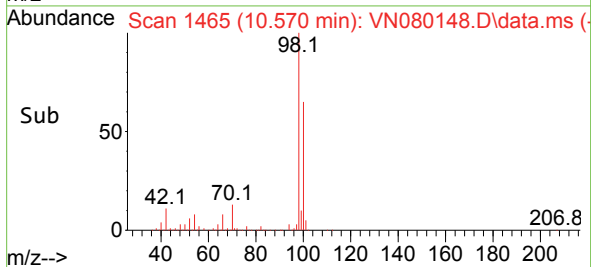
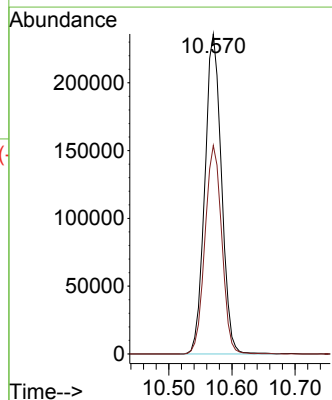
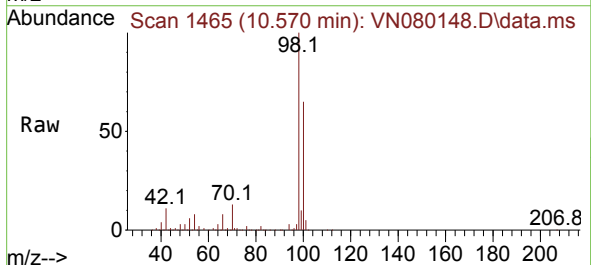
Instrument :
MSVOA_N
ClientSampleId :

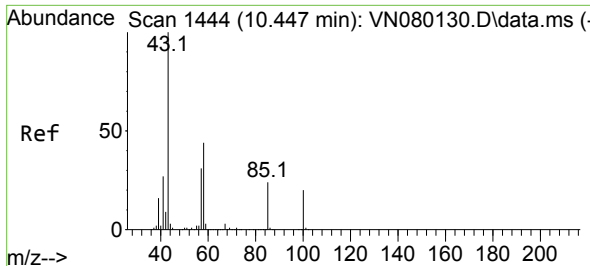
Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.981 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080148.D
Acq: 16 Nov 2023 21:09

Tgt Ion: 98 Resp: 430811
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

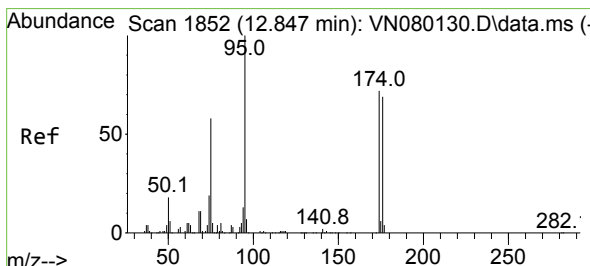
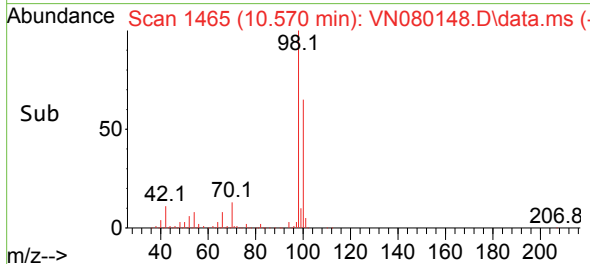
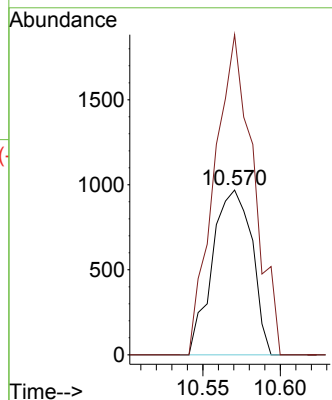
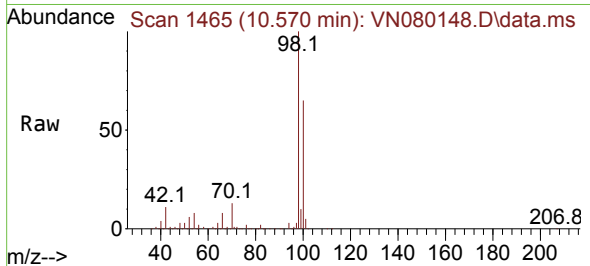




#51
4-Methyl-2-Pentanone
Concen: 0.713 ug/l
RT: 10.570 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN080148.D
Acq: 16 Nov 2023 21:09

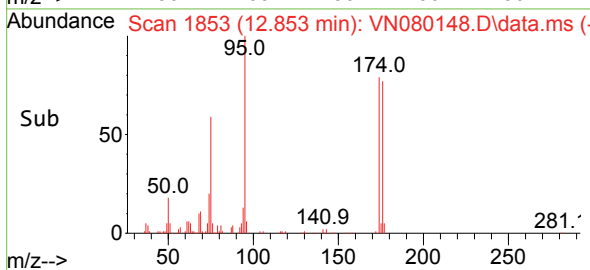
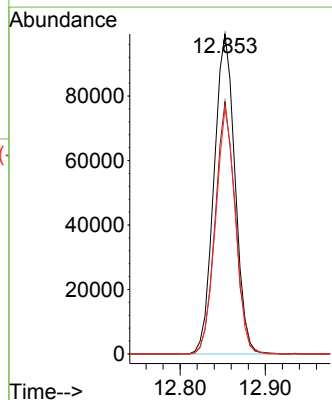
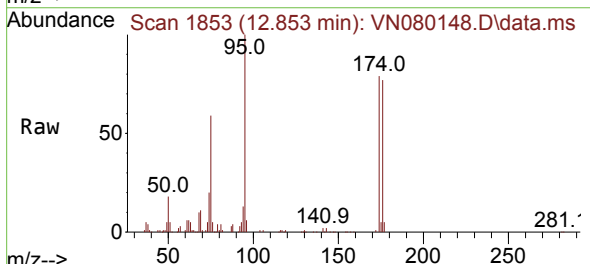
Instrument :
MSVOA_N
ClientSampleId :

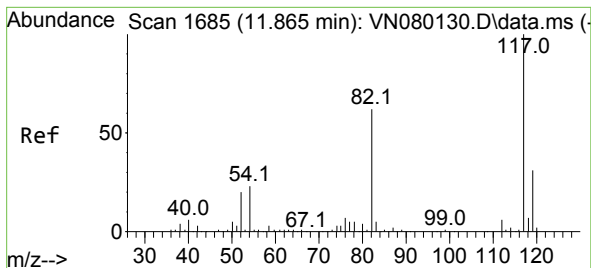
Tgt Ion: 43 Resp: 1725
Ion Ratio Lower Upper
43 100
58 191.4 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 52.116 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080148.D
Acq: 16 Nov 2023 21:09

Tgt Ion: 95 Resp: 169675
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 73.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080148.D

Acq: 16 Nov 2023 21:09

Instrument :

MSVOA_N

ClientSampleId :

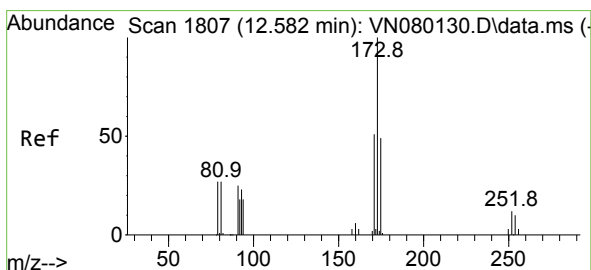
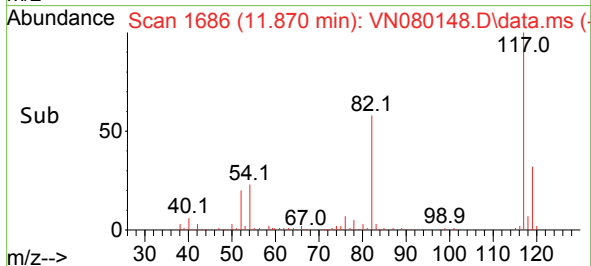
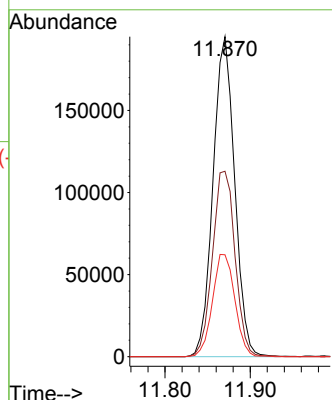
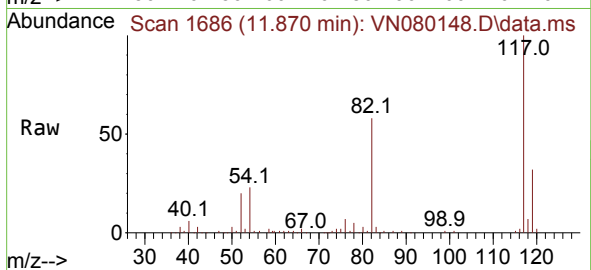
Tgt Ion:117 Resp: 343428

Ion Ratio Lower Upper

117 100

82 58.0 44.0 66.0

119 31.8 25.6 38.4



#71

Bromoform

Concen: 0.321 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.264 min

Lab File: VN080148.D

Acq: 16 Nov 2023 21:09

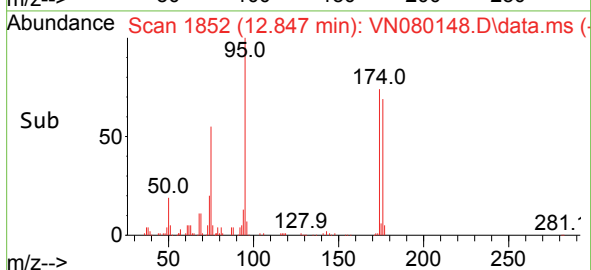
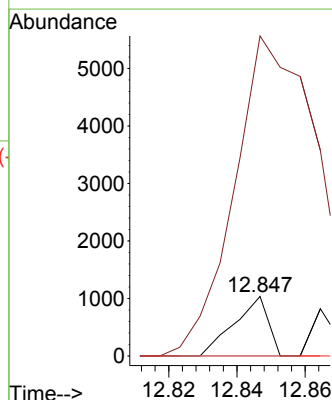
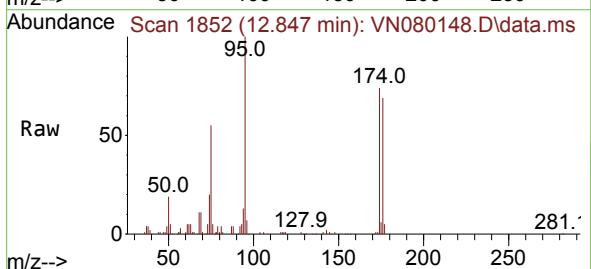
Tgt Ion:173 Resp: 718

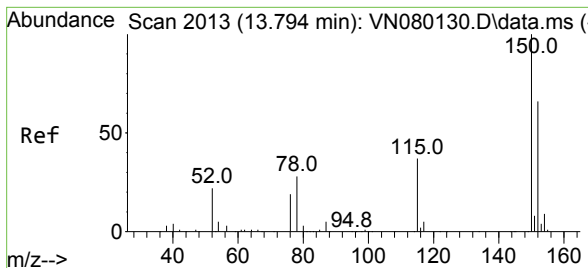
Ion Ratio Lower Upper

173 100

175 1049.7 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# 20

Delta R.T. -0.000 min

Lab File: VN080148.D

Acq: 16 Nov 2023 21:09

Instrument :

MSVOA_N

ClientSampleId :

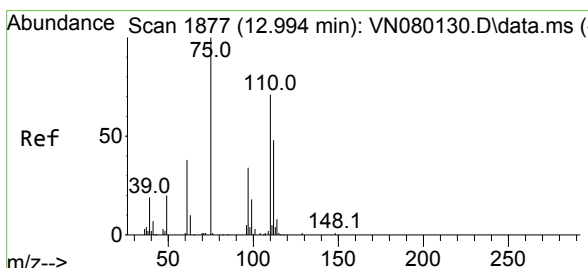
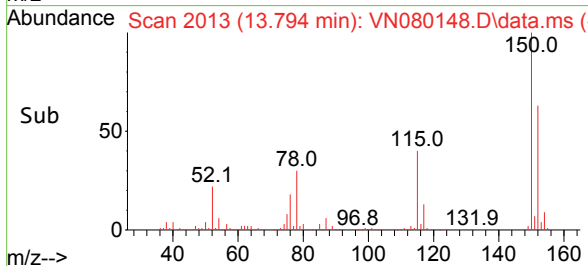
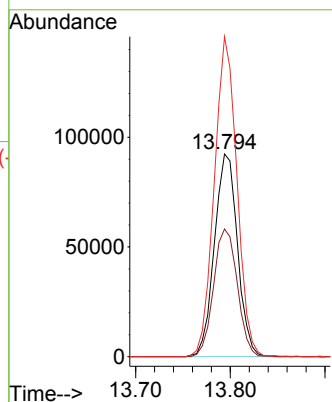
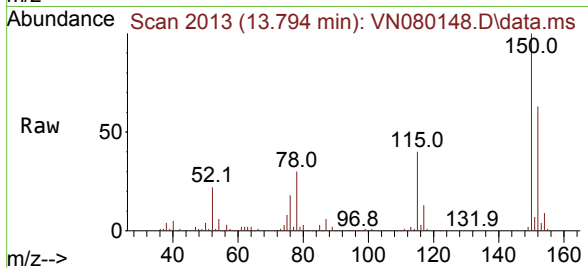
Tgt Ion:152 Resp: 156713

Ion Ratio Lower Upper

152 100

115 64.8 32.3 96.8

150 154.6 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 24.520 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080148.D

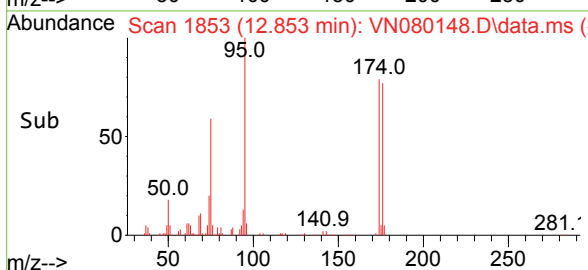
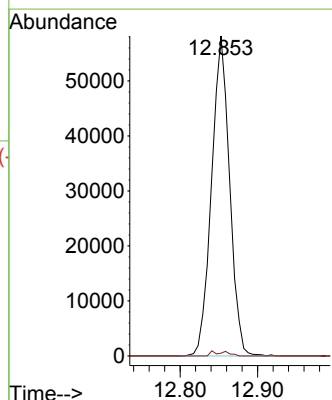
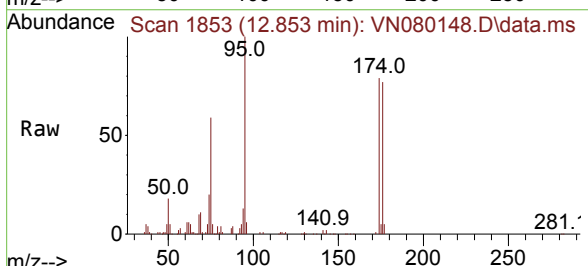
Acq: 16 Nov 2023 21:09

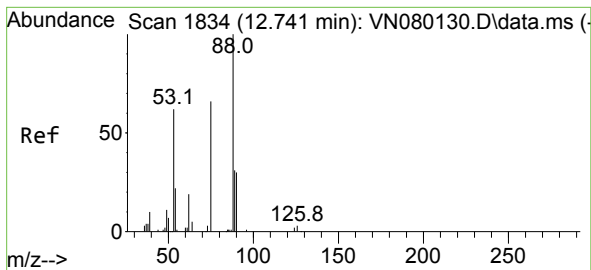
Tgt Ion: 75 Resp: 94150

Ion Ratio Lower Upper

75 100

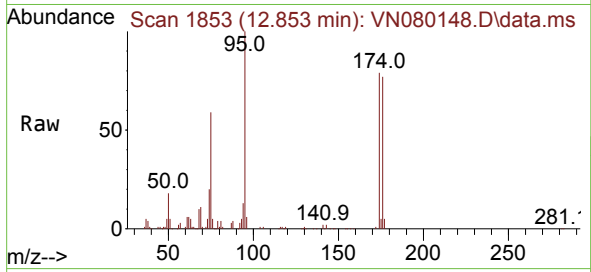
77 0.7 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.843 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080148.D
 Acq: 16 Nov 2023 21:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 94150
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

