

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041724\
 Data File : VN081770.D
 Acq On : 17 Apr 2024 13:49
 Operator : JC\MD
 Sample : VN0417WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 18 01:11:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

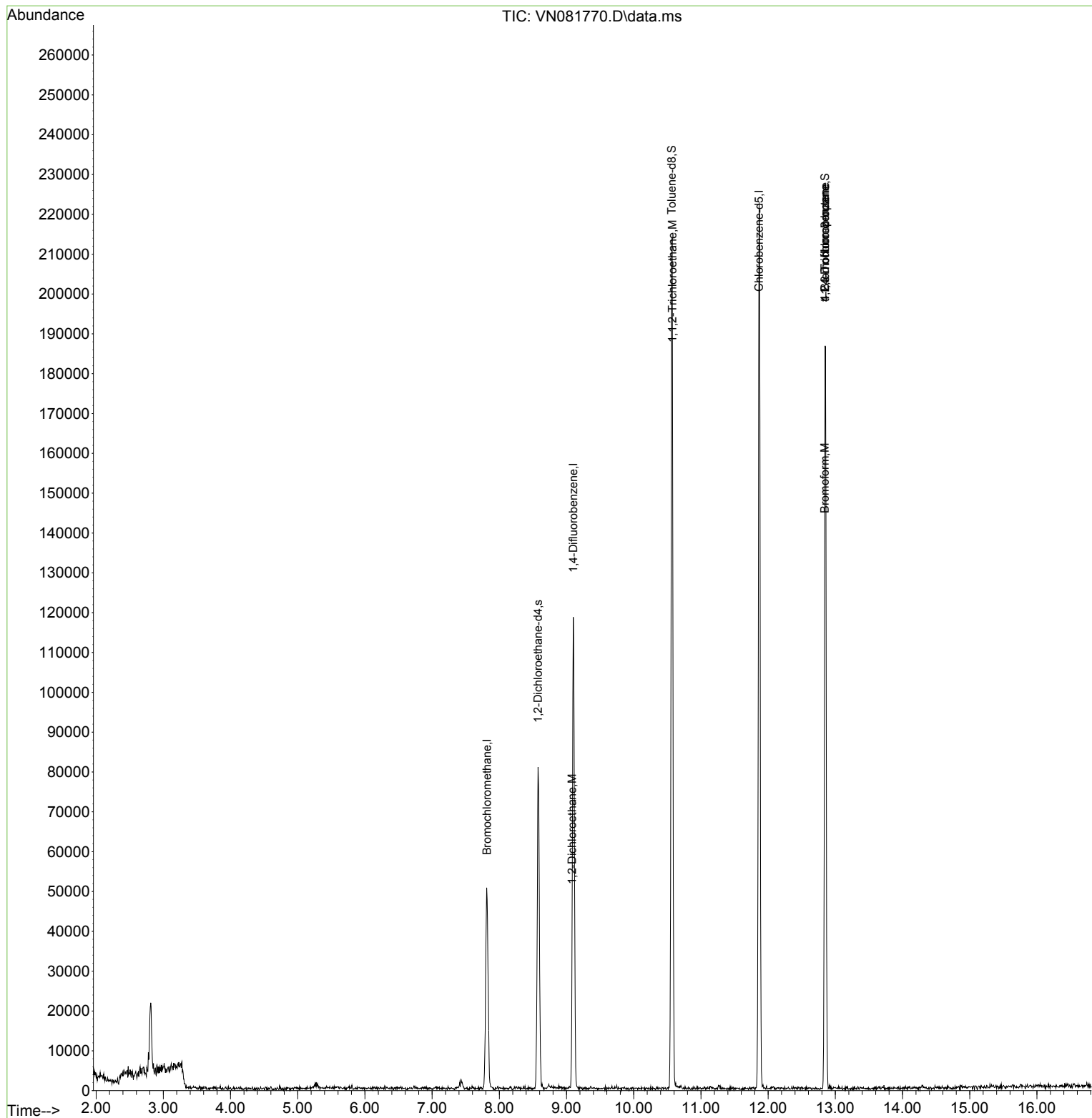
Internal Standards						
1) Bromochloromethane	7.818	128	17092	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	99076	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	129041	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	65827	31.350	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.500%
60) 4-Bromofluorobenzene	12.847	95	63372	24.979	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.267%
63) Toluene-d8	10.565	98	149197	28.824	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.067%
Target Compounds						
					Qvalue	
36) 1,2-Dichloroethane	9.083	62	713	0.259	ug/l #	72
50) 1,1,2-Trichloroethane	10.577	97	5600	2.682	ug/l #	1
56) Bromoform	12.841	173	495	0.310	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	35238	15.048	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	35238	36.335	ug/l #	12

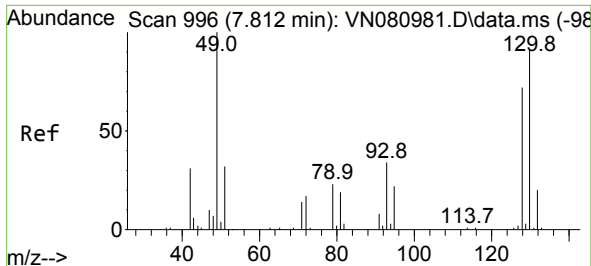
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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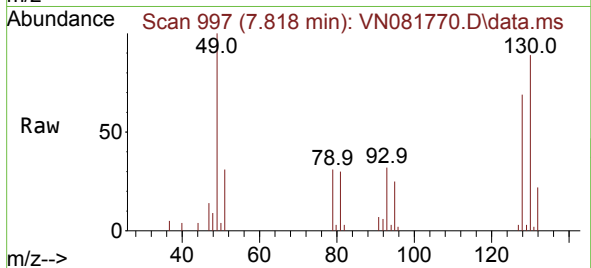
Quant Time: Apr 18 01:11:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration



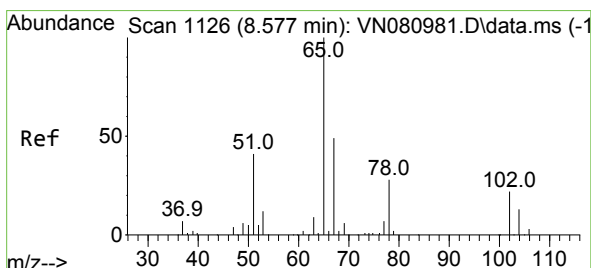
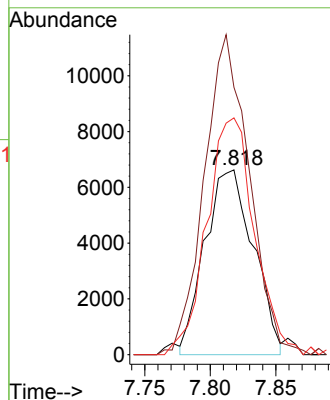
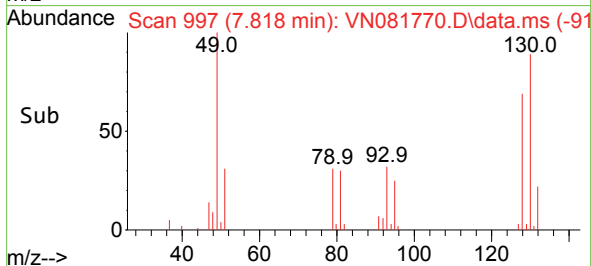


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN081770.D
Acq: 17 Apr 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :

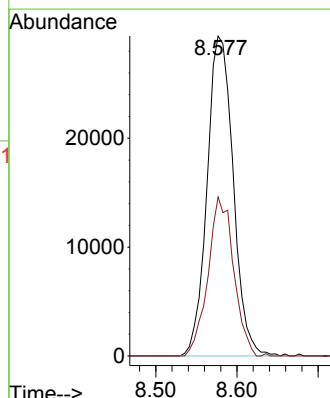
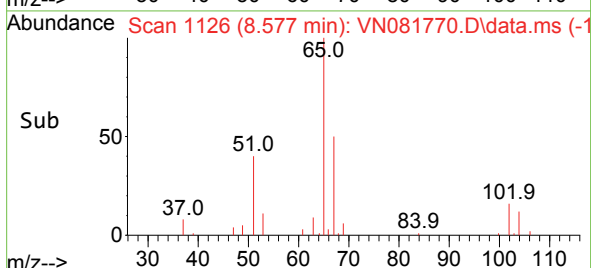
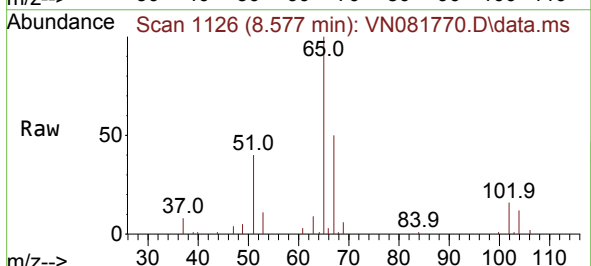


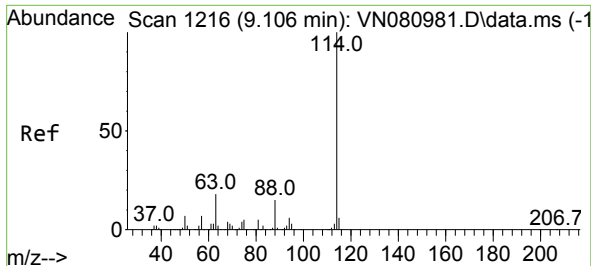
Tgt Ion:128 Resp: 17092
Ion Ratio Lower Upper
128 100
49 160.2 0.0 403.7
130 125.6 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 31.350 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081770.D
Acq: 17 Apr 2024 13:49

Tgt Ion: 65 Resp: 65827
Ion Ratio Lower Upper
65 100
67 48.5 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

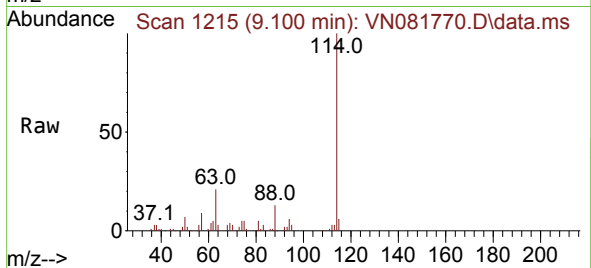
Lab File: VN081770.D

Acq: 17 Apr 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :



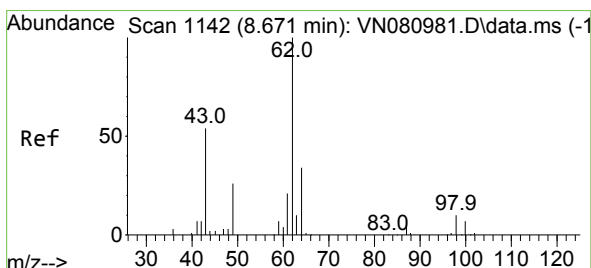
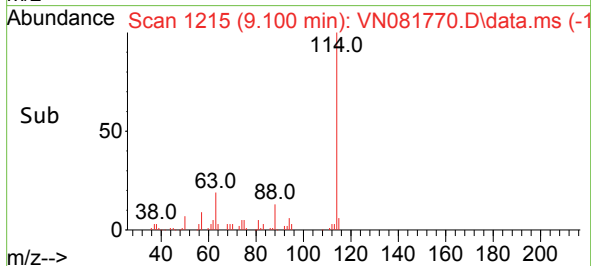
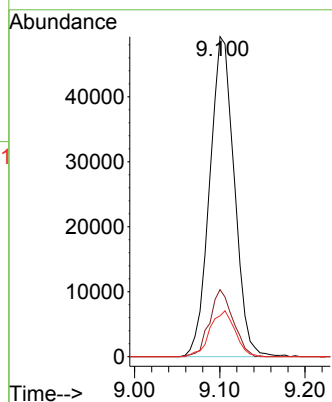
Tgt Ion:114 Resp: 99076

Ion Ratio Lower Upper

114 100

63 20.1 15.9 23.9

88 14.7 12.7 19.1



#36

1,2-Dichloroethane

Concen: 0.259 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.412 min

Lab File: VN081770.D

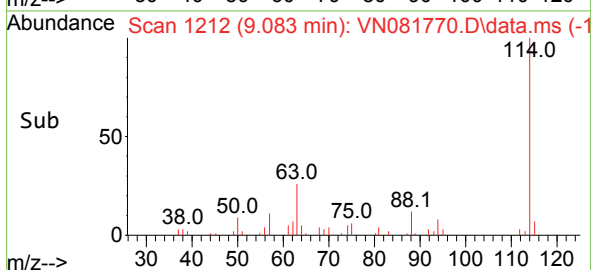
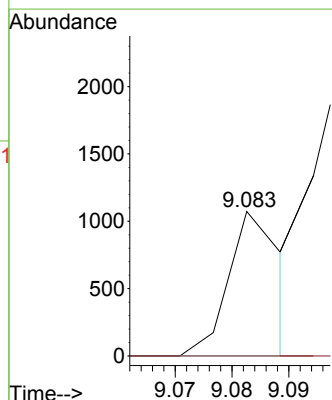
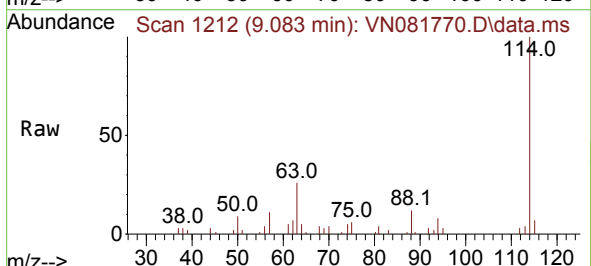
Acq: 17 Apr 2024 13:49

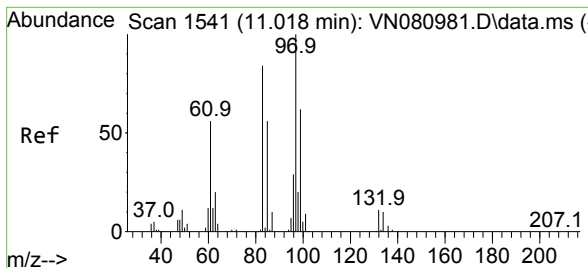
Tgt Ion: 62 Resp: 713

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#





#50

1,1,2-Trichloroethane

Concen: 2.682 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. -0.441 min

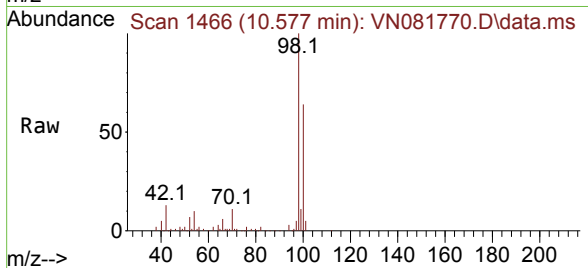
Lab File: VN081770.D

Acq: 17 Apr 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 5600

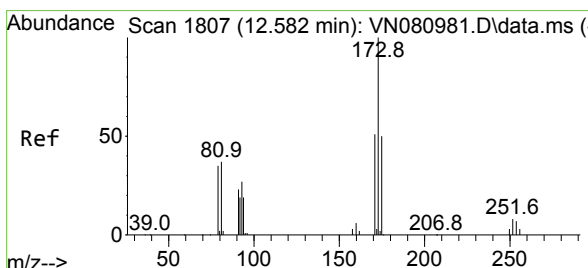
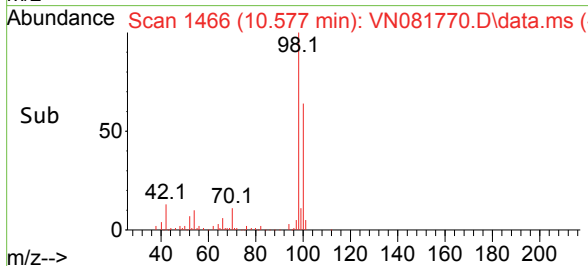
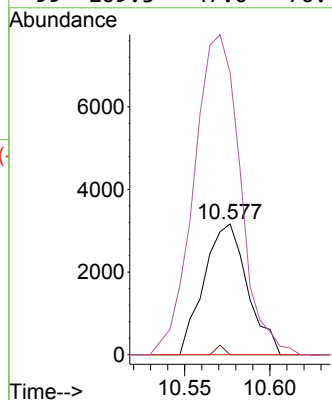
Ion Ratio Lower Upper

97 100

83 0.0 68.1 102.1#

85 0.0 41.8 62.6#

99 209.3 47.0 70.4#



#56

Bromoform

Concen: 0.310 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. 0.259 min

Lab File: VN081770.D

Acq: 17 Apr 2024 13:49

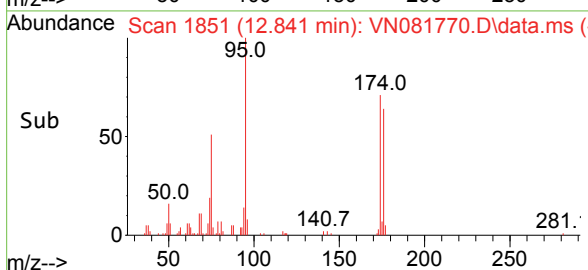
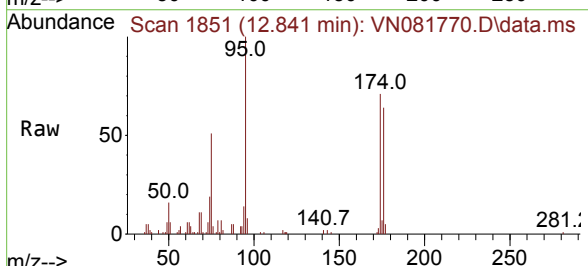
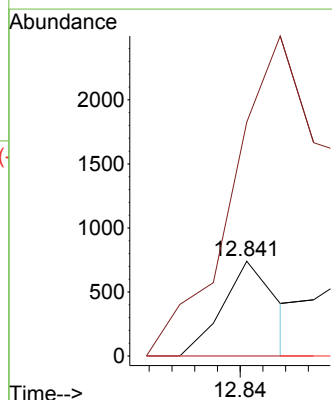
Tgt Ion:173 Resp: 495

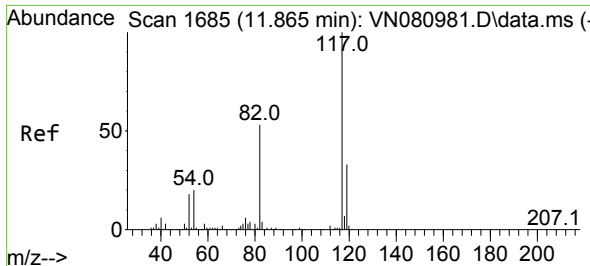
Ion Ratio Lower Upper

173 100

175 609.5 40.0 60.0#

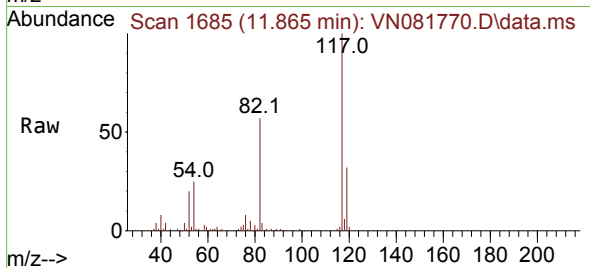
254 0.0 8.3 12.5#



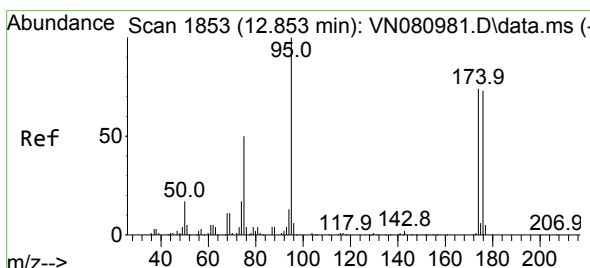
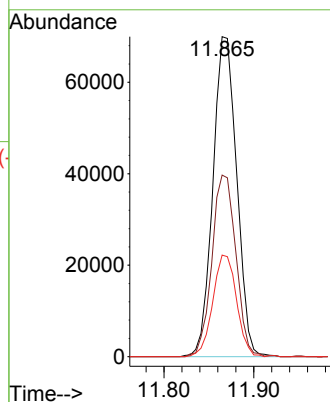
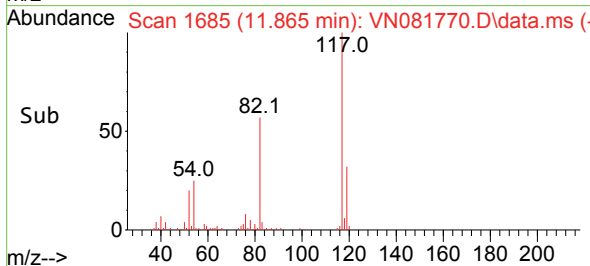


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN081770.D
Acq: 17 Apr 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :

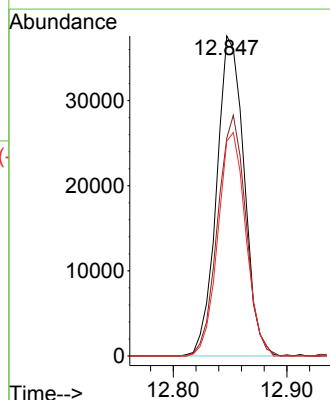
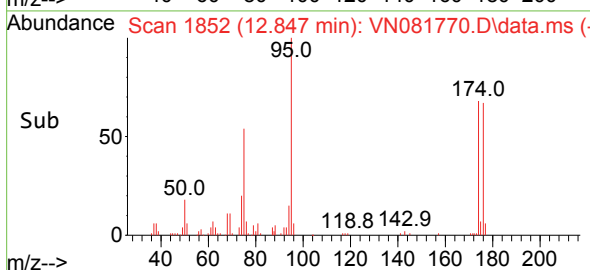
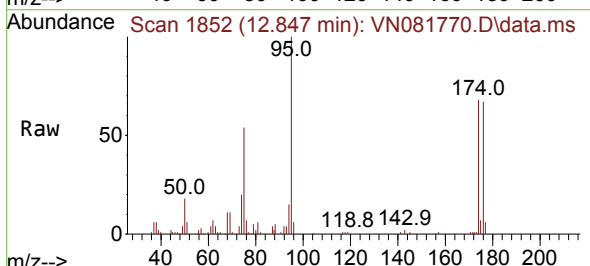


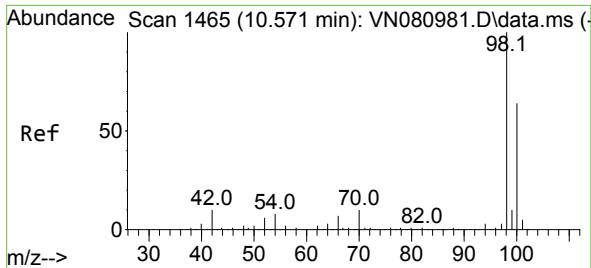
Tgt Ion:117 Resp: 129041
Ion Ratio Lower Upper
117 100
82 57.1 46.6 69.8
119 31.7 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 24.979 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081770.D
Acq: 17 Apr 2024 13:49

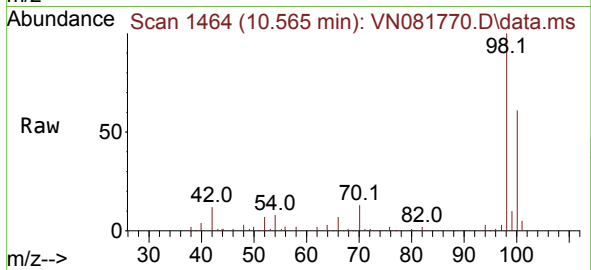
Tgt Ion: 95 Resp: 63372
Ion Ratio Lower Upper
95 100
174 76.7 60.5 90.7
176 70.8 57.8 86.6



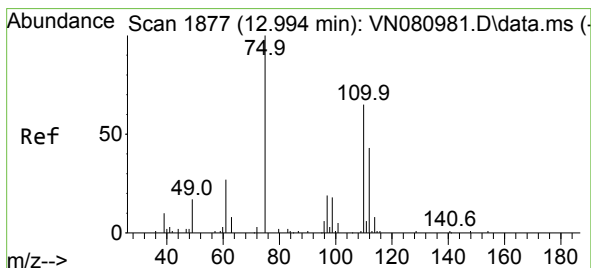
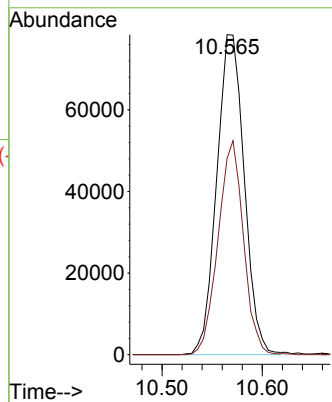
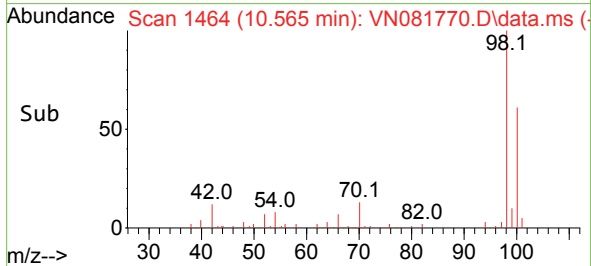


#63
Toluene-d8
Concen: 28.824 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081770.D
Acq: 17 Apr 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :

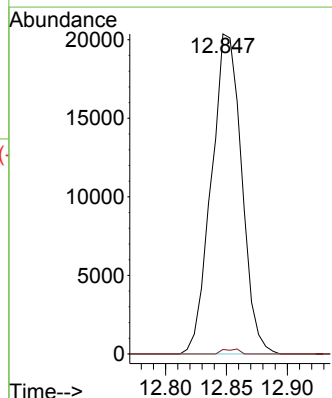
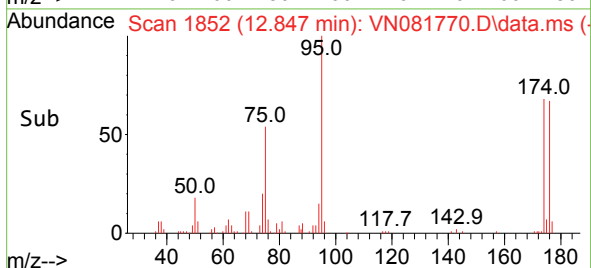
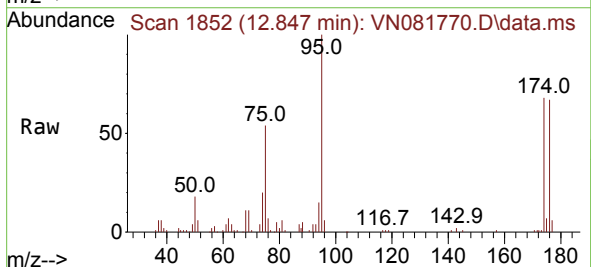


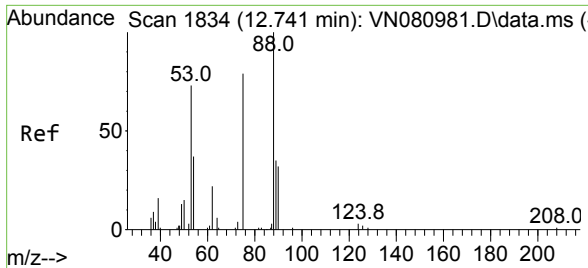
Tgt Ion: 98 Resp: 149197
Ion Ratio Lower Upper
98 100
100 61.6 52.7 79.1



#72
1,2,3-Trichloropropane
Concen: 15.048 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081770.D
Acq: 17 Apr 2024 13:49

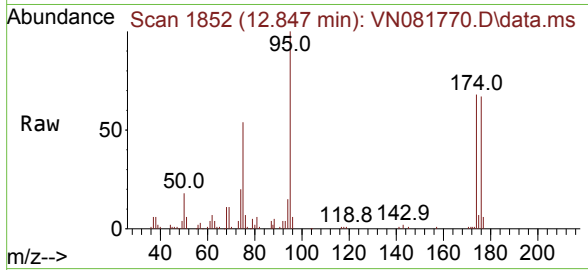
Tgt Ion: 75 Resp: 35238
Ion Ratio Lower Upper
75 100
77 0.8 0.0 367.6





#77
 t-1,4-Dichloro-2-butene
 Concen: 36.335 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081770.D
 Acq: 17 Apr 2024 13:49

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	35238
Ion	Ratio	Lower	Upper
75	100		
53	0.0	45.9	137.7#
89	0.0	25.9	77.7#

