

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081696.D
 Acq On : 11 Apr 2024 14:46
 Operator : JC\MD
 Sample : VN0411WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBL01

Quant Time: Apr 12 06:01:40 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)

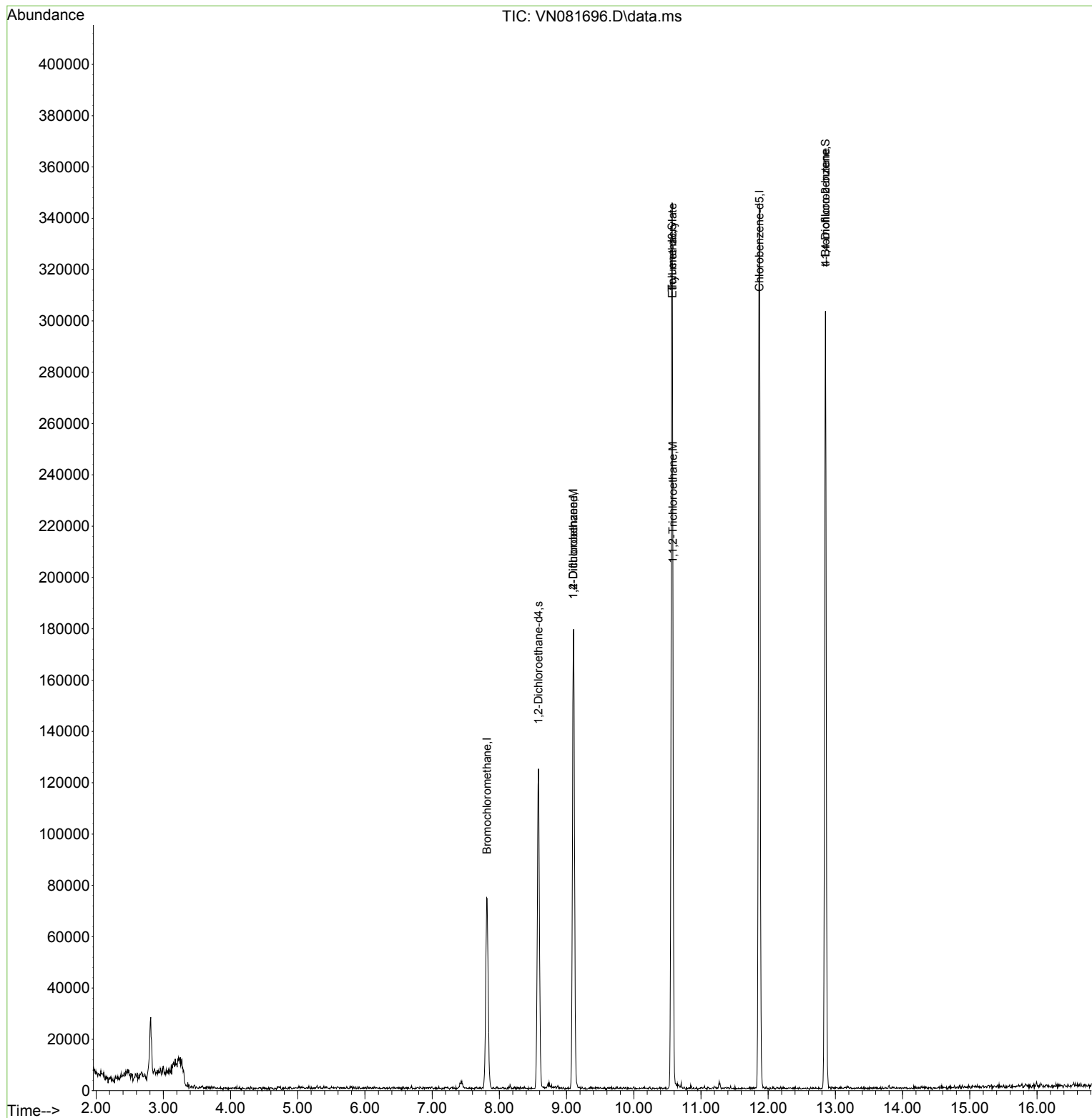
Internal Standards						
1) Bromochloromethane	7.818	128	26598	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	158697	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	205126	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	98368	30.104	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.333%
60) 4-Bromofluorobenzene	12.853	95	100511	24.923	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.067%
63) Toluene-d8	10.571	98	233345	28.360	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.533%
Target Compounds						
					Qvalue	
36) 1,2-Dichloroethane	9.100	62	5798	1.315	ug/l #	72
50) 1,1,2-Trichloroethane	10.582	97	8400	2.512	ug/l #	1
51) Ethyl methacrylate	10.576	69	971	0.209	ug/l #	54
77) t-1,4-Dichloro-2-butene	12.853	75	52928	34.333	ug/l #	12

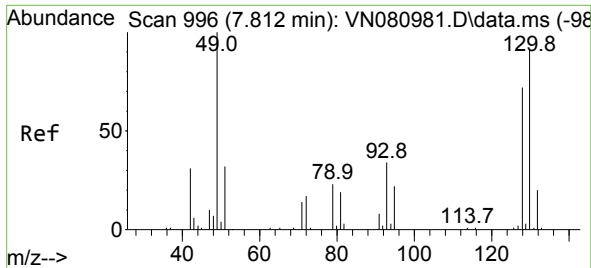
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 12 06:01:40 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

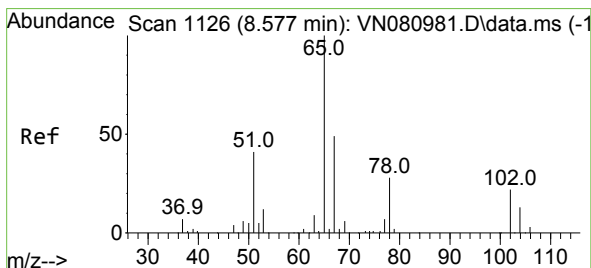
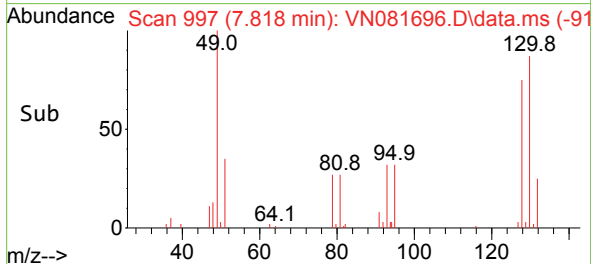
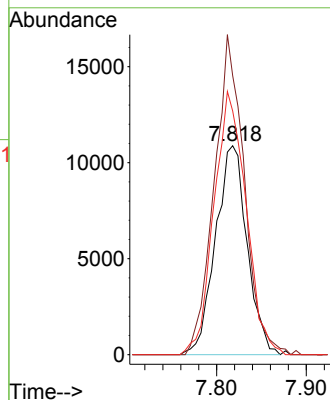
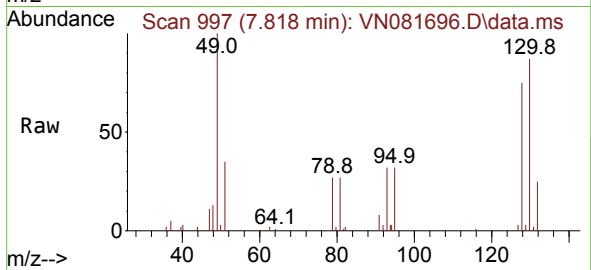




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081696.D
Acq: 11 Apr 2024 14:46

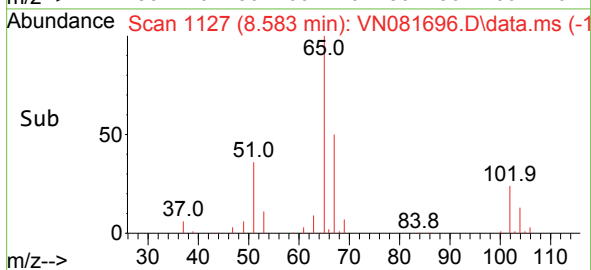
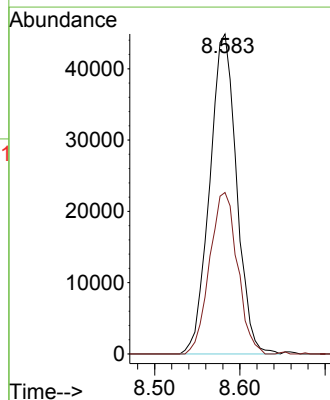
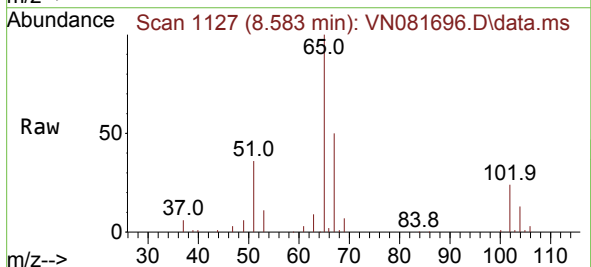
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

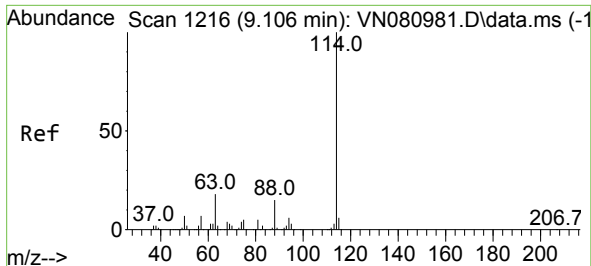
Tgt Ion:128 Resp: 26598
Ion Ratio Lower Upper
128 100
49 145.0 0.0 403.7
130 128.0 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 30.104 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN081696.D
Acq: 11 Apr 2024 14:46

Tgt Ion: 65 Resp: 98368
Ion Ratio Lower Upper
65 100
67 52.3 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: VN081696.D

Acq: 11 Apr 2024 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBL01

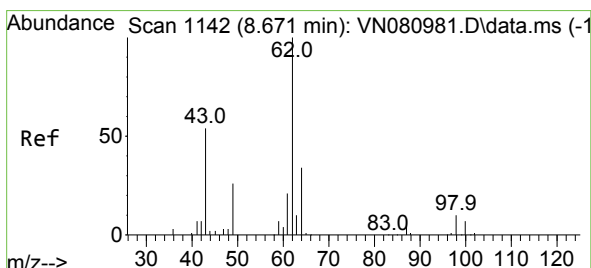
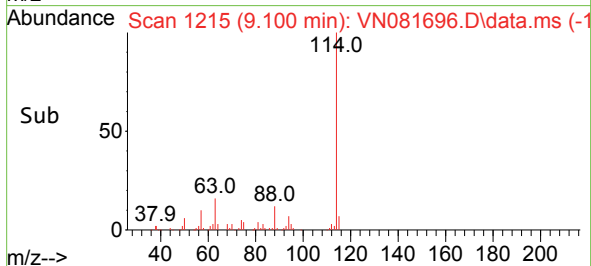
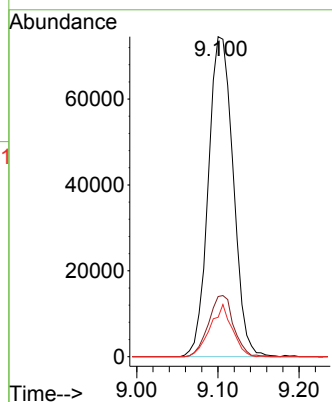
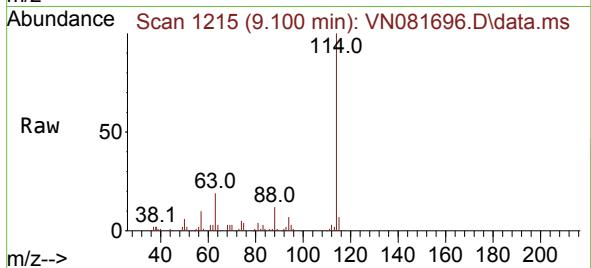
Tgt Ion:114 Resp: 158697

Ion Ratio Lower Upper

114 100

63 19.1 15.9 23.9

88 14.5 12.7 19.1



#36

1,2-Dichloroethane

Concen: 1.315 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.429 min

Lab File: VN081696.D

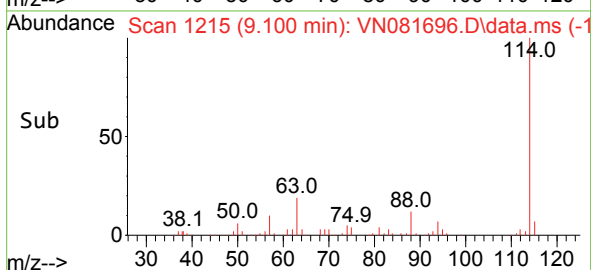
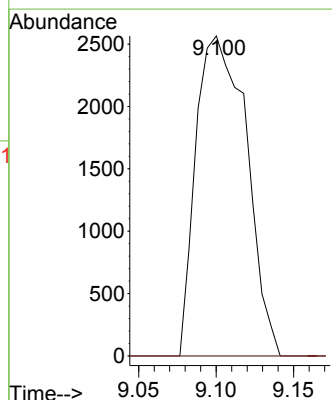
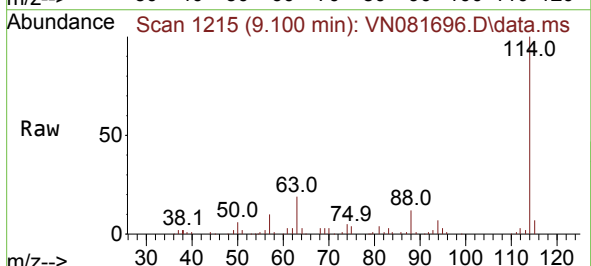
Acq: 11 Apr 2024 14:46

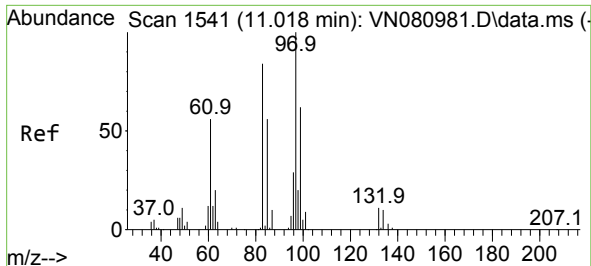
Tgt Ion: 62 Resp: 5798

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#

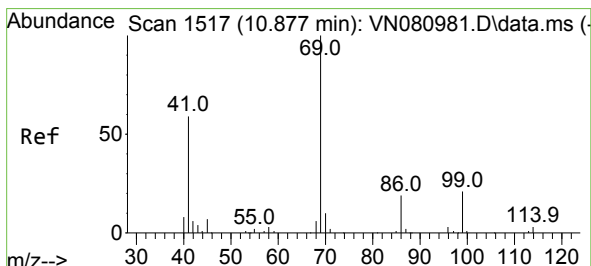
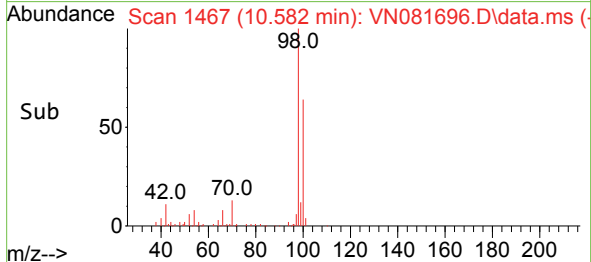
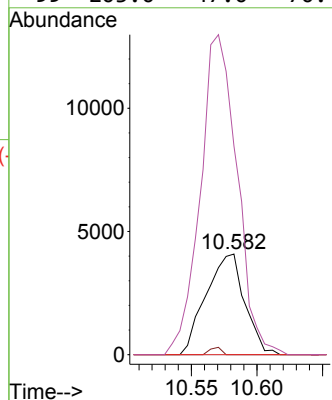
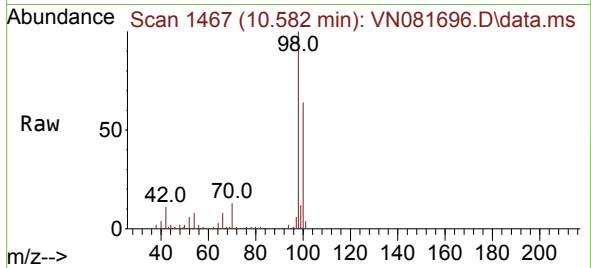




#50
1,1,2-Trichloroethane
Concen: 2.512 ug/l
RT: 10.582 min Scan# 1467
Delta R.T. -0.435 min
Lab File: VN081696.D
Acq: 11 Apr 2024 14:46

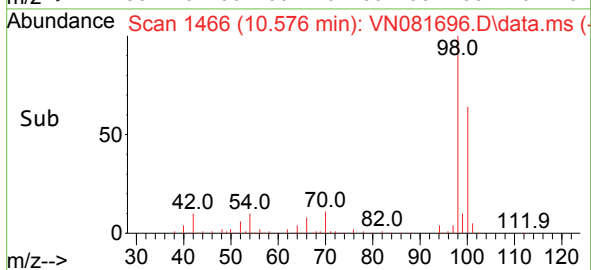
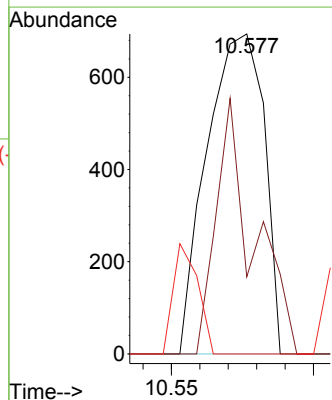
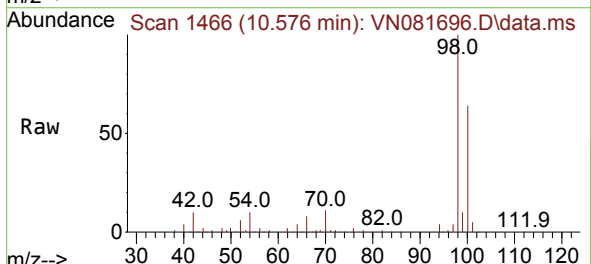
Instrument :
MSVOA_N
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VN0411WBL01

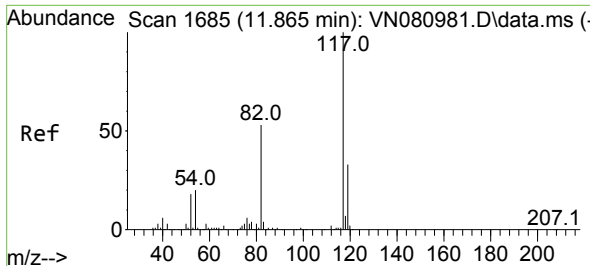
Tgt Ion: 97	Resp:	8400
Ion Ratio	Lower	Upper
97	100	
83	0.0	68.1 102.1#
85	0.0	41.8 62.6#
99	203.0	47.0 70.4#



#51
Ethyl methacrylate
Concen: 0.209 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. -0.300 min
Lab File: VN081696.D
Acq: 11 Apr 2024 14:46

Tgt Ion: 69	Resp:	971
Ion Ratio	Lower	Upper
69	100	
41	24.1	25.5 76.5#
39	0.0	16.0 47.9#

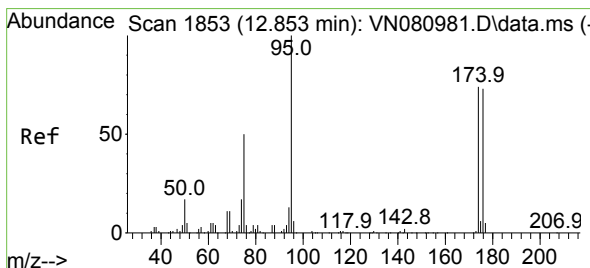
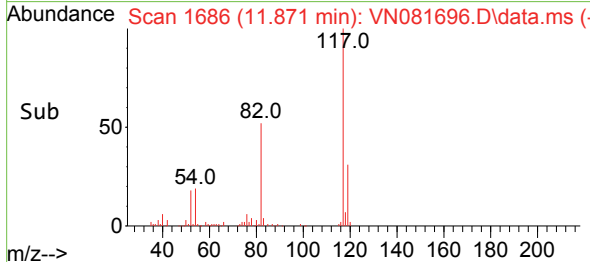
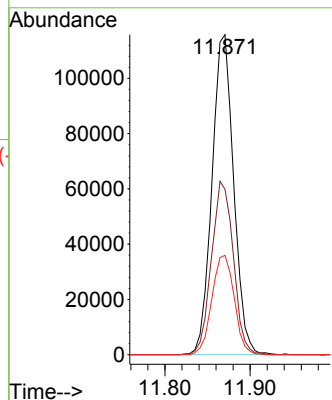
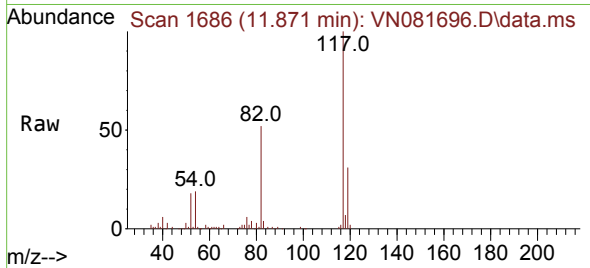




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN081696.D
Acq: 11 Apr 2024 14:46

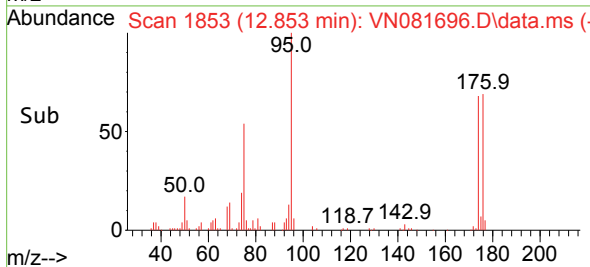
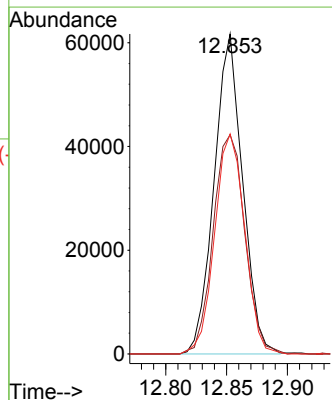
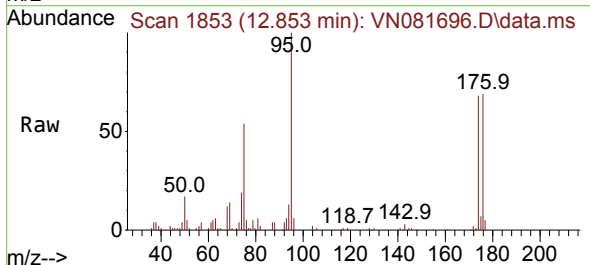
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

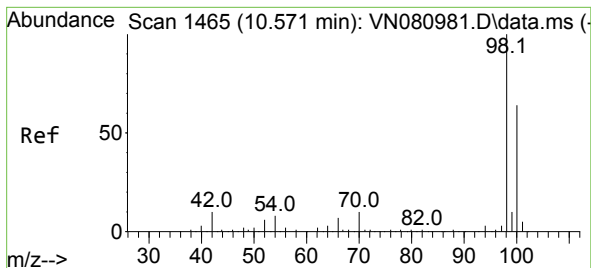
Tgt Ion:117 Resp: 205126
Ion Ratio Lower Upper
117 100
82 54.8 46.6 69.8
119 31.9 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 24.923 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081696.D
Acq: 11 Apr 2024 14:46

Tgt Ion: 95 Resp: 100511
Ion Ratio Lower Upper
95 100
174 76.1 60.5 90.7
176 72.4 57.8 86.6





#63

Toluene-d8

Concen: 28.360 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081696.D

Acq: 11 Apr 2024 14:46

Instrument :

MSVOA_N

ClientSampleId :

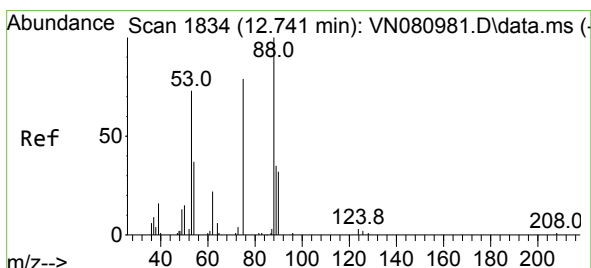
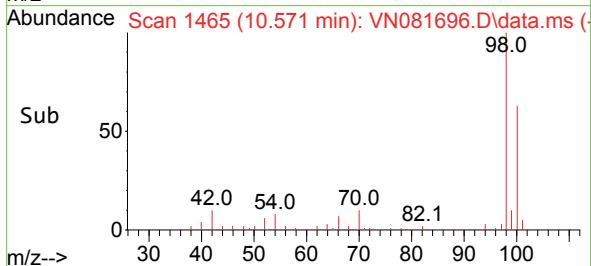
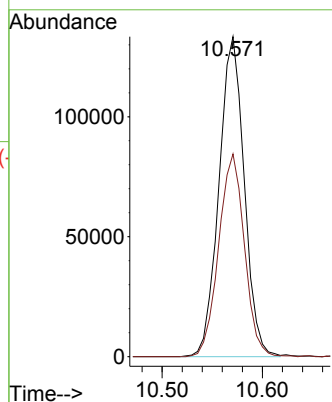
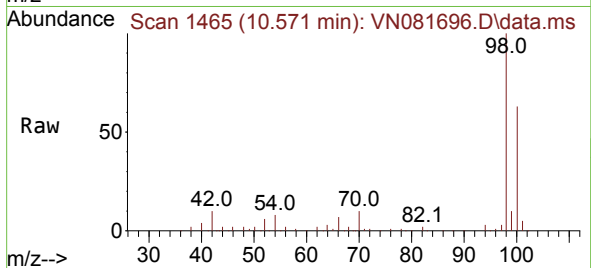
VN0411WBL01

Tgt Ion: 98 Resp: 233345

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1



#77

t-1,4-Dichloro-2-butene

Concen: 34.333 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081696.D

Acq: 11 Apr 2024 14:46

Tgt Ion: 75 Resp: 52928

Ion Ratio Lower Upper

75 100

53 0.0 45.9 137.7#

89 0.0 25.9 77.7#

