

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080011.D
 Acq On : 08 Nov 2023 23:31
 Operator : JC\MD
 Sample : 05283-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 04:31:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

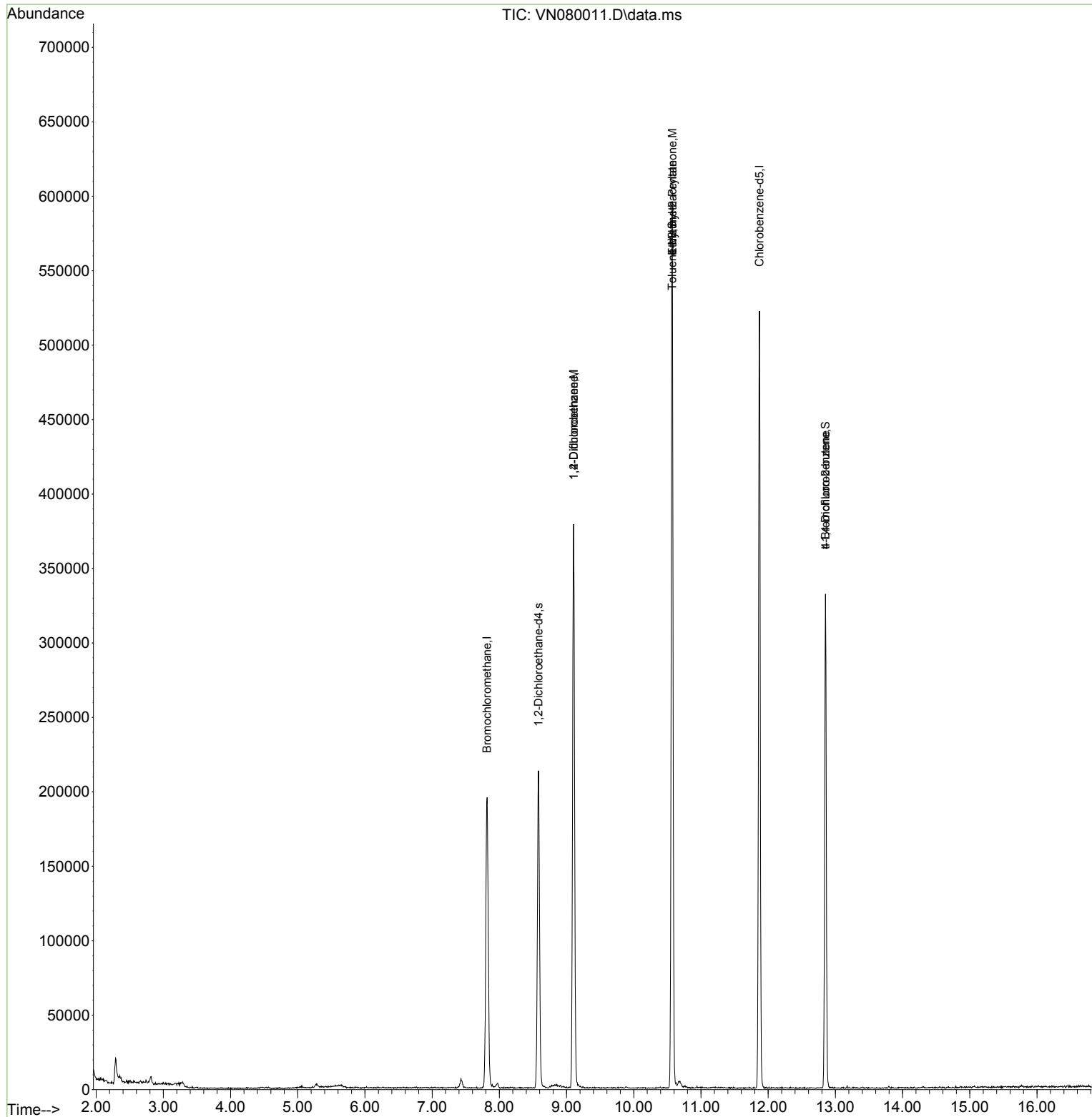
Internal Standards						
1) Bromochloromethane	7.818	128	67530	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	313884	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	296150	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	172181	30.374	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.233%
60) 4-Bromofluorobenzene	12.853	95	114497	24.176	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.600%
63) Toluene-d8	10.570	98	402826	28.707	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.700%
Target Compounds						
					Qvalue	
36) 1,2-Dichloroethane	9.106	62	11516	1.988	ug/l #	75
51) Ethyl methacrylate	10.576	69	1421	0.265	ug/l	90
58) 4-Methyl-2-Pentanone	10.576	43	1882	0.380	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.853	75	60127	36.217	ug/l #	7

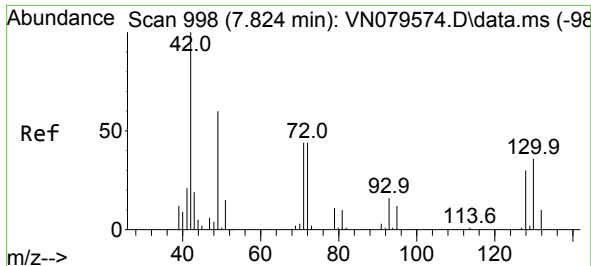
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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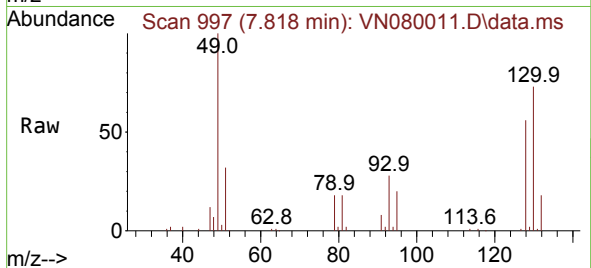
Quant Time: Nov 09 04:31:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 09 04:02:05 2023
Response via : Initial Calibration



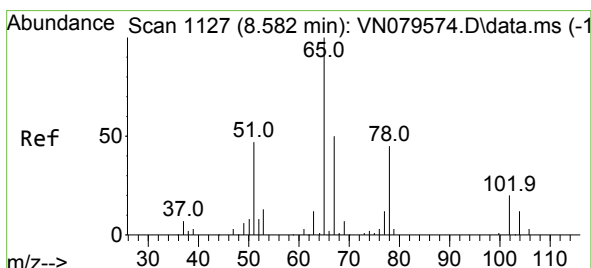
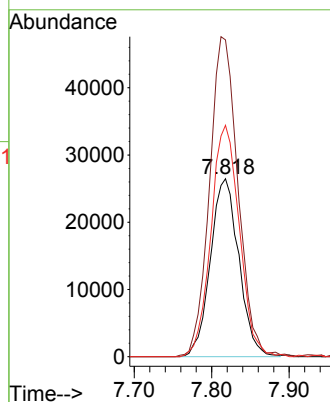
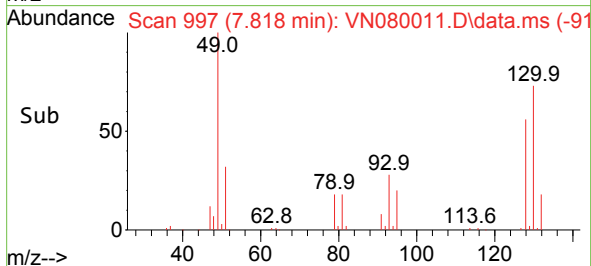


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080011.D
Acq: 08 Nov 2023 23:31

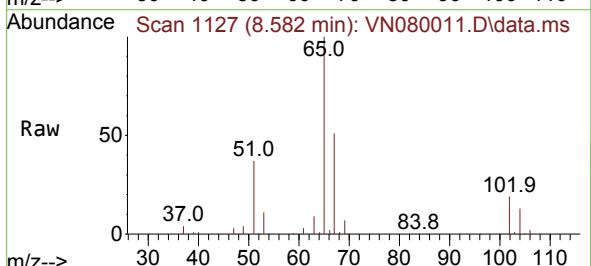
Instrument :
MSVOA_N
ClientSampleId :



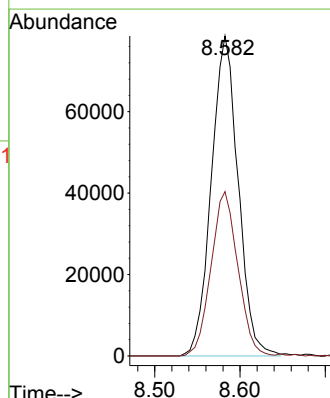
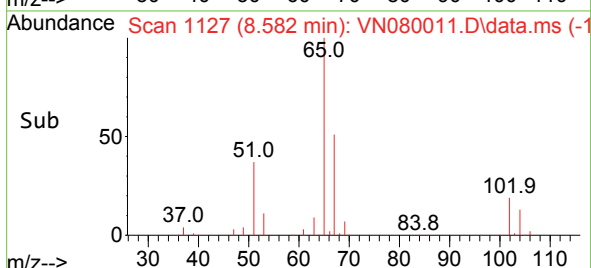
Tgt Ion:128 Resp: 67530
Ion Ratio Lower Upper
128 100
49 178.8 0.0 468.5
130 130.1 0.0 320.7

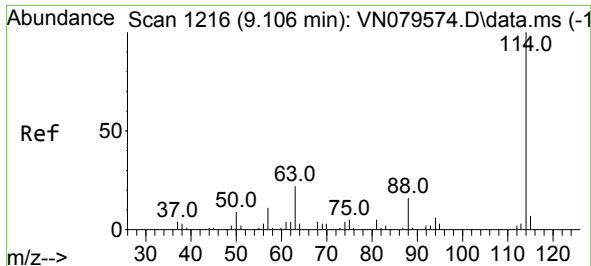


#27
1,2-Dichloroethane-d4
Concen: 30.374 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080011.D
Acq: 08 Nov 2023 23:31



Tgt Ion: 65 Resp: 172181
Ion Ratio Lower Upper
65 100
67 51.3 42.1 63.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080011.D

Acq: 08 Nov 2023 23:31

Instrument :

MSVOA_N

ClientSampleId :

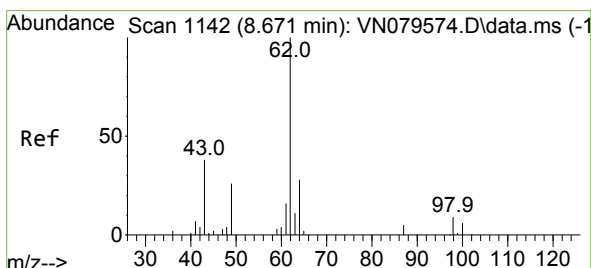
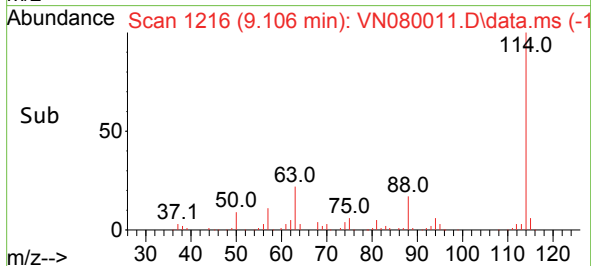
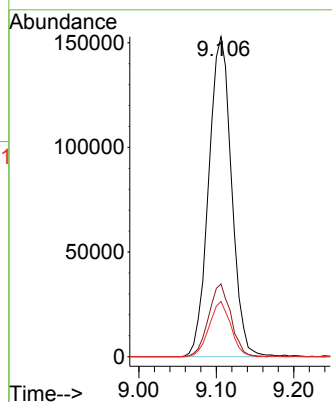
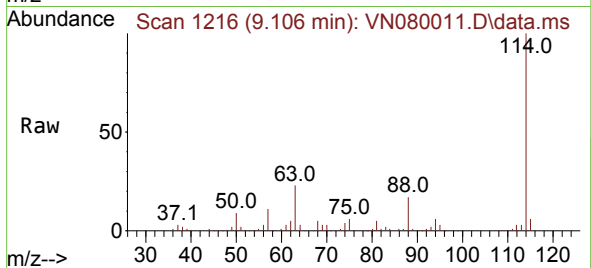
Tgt Ion:114 Resp: 313884

Ion Ratio Lower Upper

114 100

63 22.2 18.1 27.1

88 16.3 12.2 18.2



#36

1,2-Dichloroethane

Concen: 1.988 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.435 min

Lab File: VN080011.D

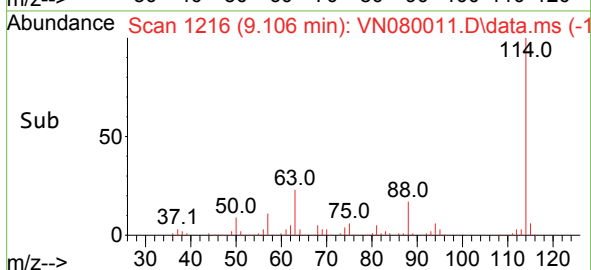
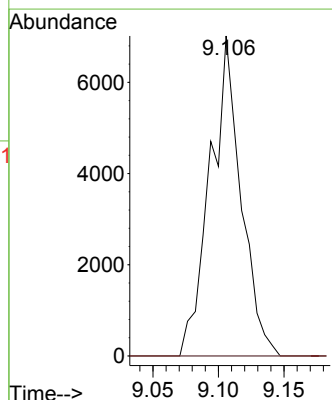
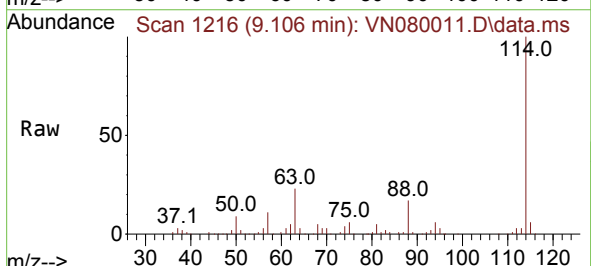
Acq: 08 Nov 2023 23:31

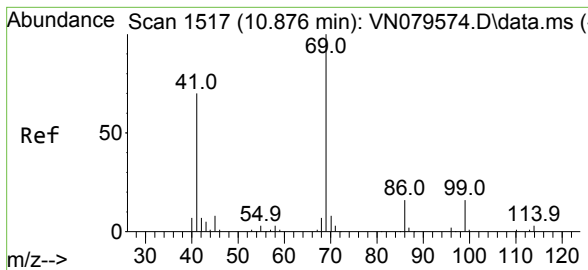
Tgt Ion: 62 Resp: 11516

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#

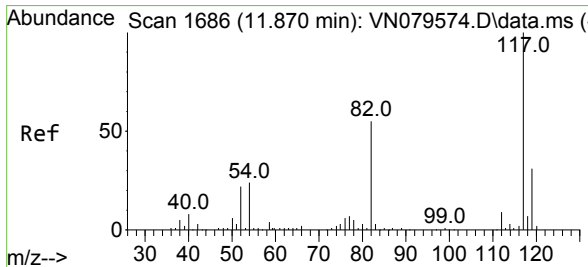
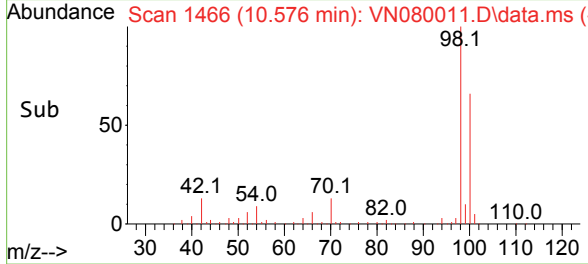
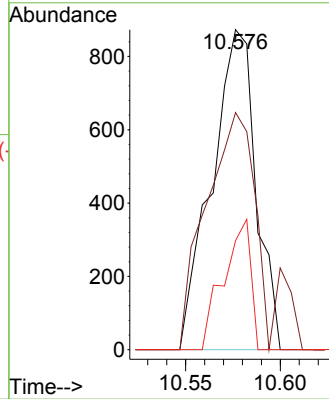
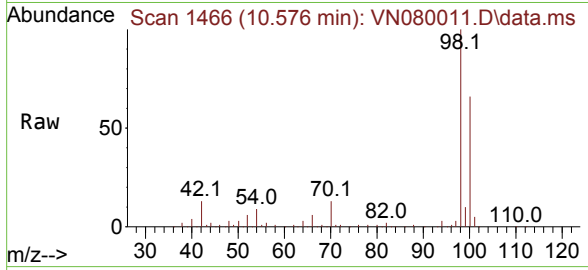




#51
Ethyl methacrylate
Concen: 0.265 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. -0.300 min
Lab File: VN080011.D
Acq: 08 Nov 2023 23:31

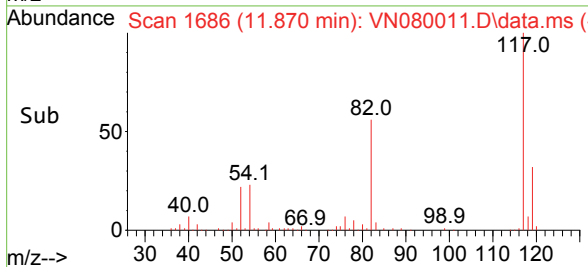
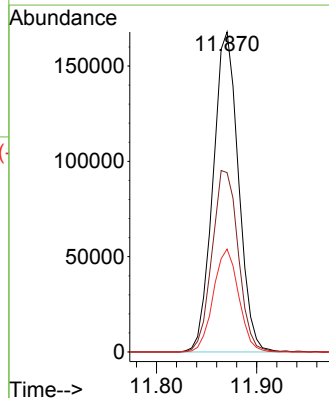
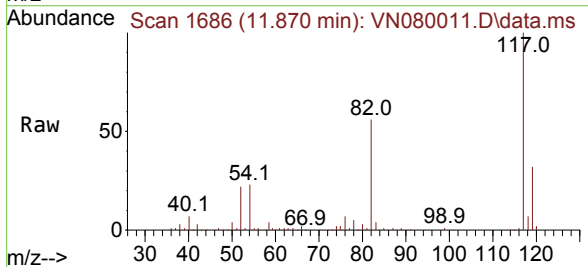
Instrument :
MSVOA_N
ClientSampleId :

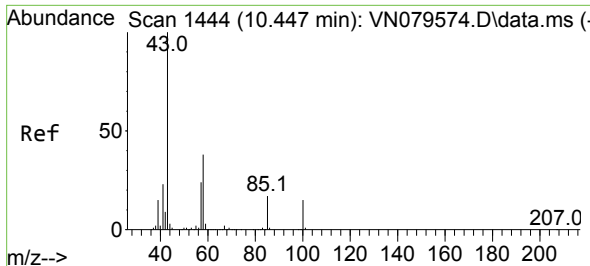
Tgt Ion: 69	Resp: 1421
Ion Ratio	Lower Upper
69 100	
41 74.1	33.8 101.3
39 34.1	21.3 63.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080011.D
Acq: 08 Nov 2023 23:31

Tgt	Ion:117	Resp:	296150
Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.2	69.2
119	32.0	25.2	37.8

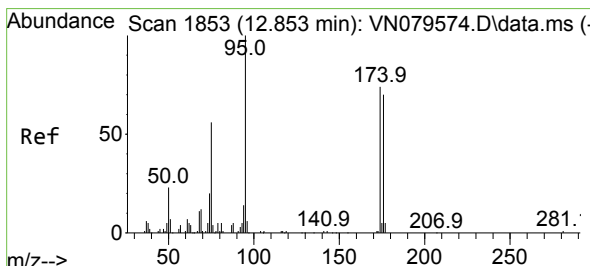
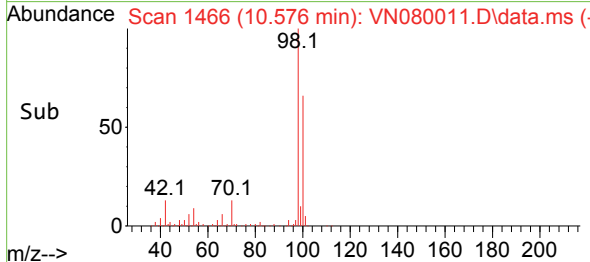
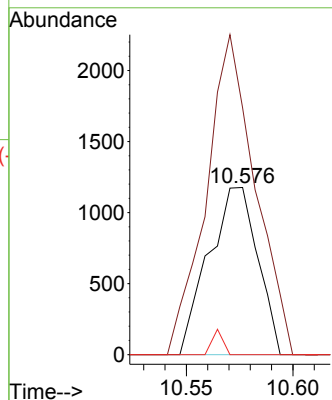
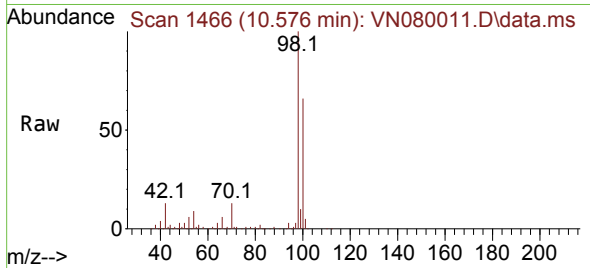




#58
4-Methyl-2-Pentanone
Concen: 0.380 ug/l
RT: 10.576 min Scan# 1444
Delta R.T. 0.129 min
Lab File: VN080011.D
Acq: 08 Nov 2023 23:31

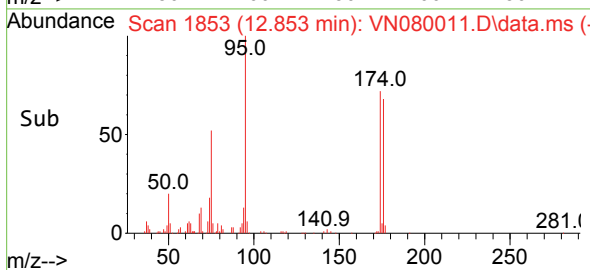
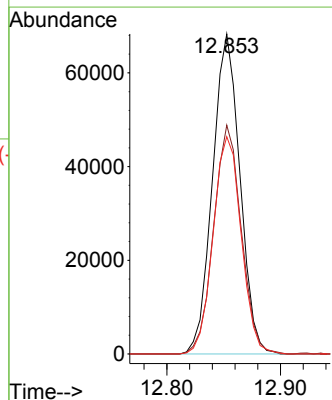
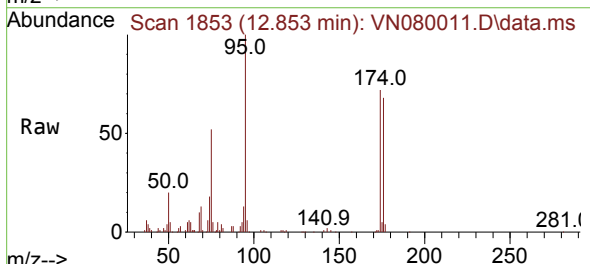
Instrument :
MSVOA_N
ClientSampleId :

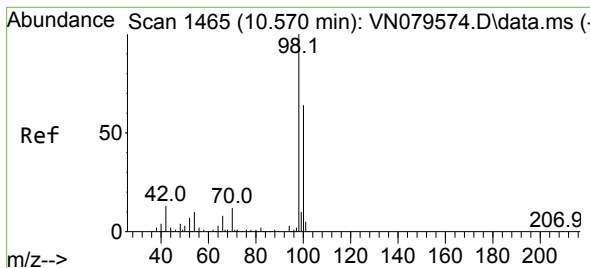
Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
58 191.3 30.4 45.6#
85 0.0 13.2 19.8#



#60
4-Bromofluorobenzene
Concen: 24.176 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080011.D
Acq: 08 Nov 2023 23:31

Tgt Ion: 95 Resp: 114497
Ion Ratio Lower Upper
95 100
174 72.1 60.5 90.7
176 69.5 57.2 85.8





#63

Toluene-d8

Concen: 28.707 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080011.D

Acq: 08 Nov 2023 23:31

Instrument :

MSVOA_N

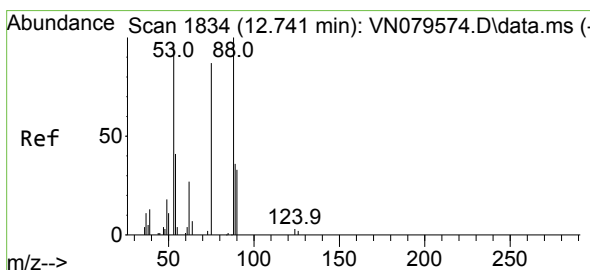
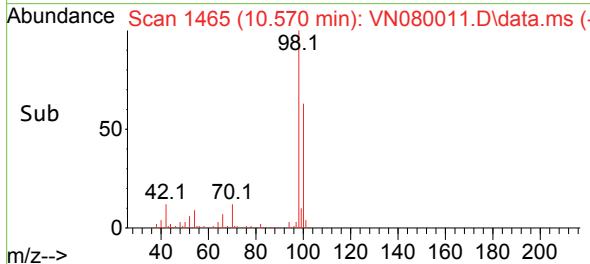
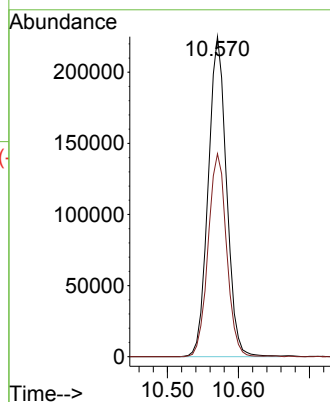
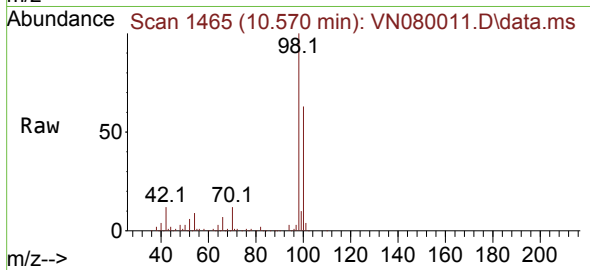
ClientSampleId :

Tgt Ion: 98 Resp: 402826

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#77

t-1,4-Dichloro-2-butene

Concen: 36.217 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN080011.D

Acq: 08 Nov 2023 23:31

Tgt Ion: 75 Resp: 60127

Ion Ratio Lower Upper

75 100

53 0.0 53.0 159.1#

89 0.0 22.6 67.7#

