

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080014.D
 Acq On : 09 Nov 2023 00:42
 Operator : JC\MD
 Sample : 05298-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 04:32:30 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)

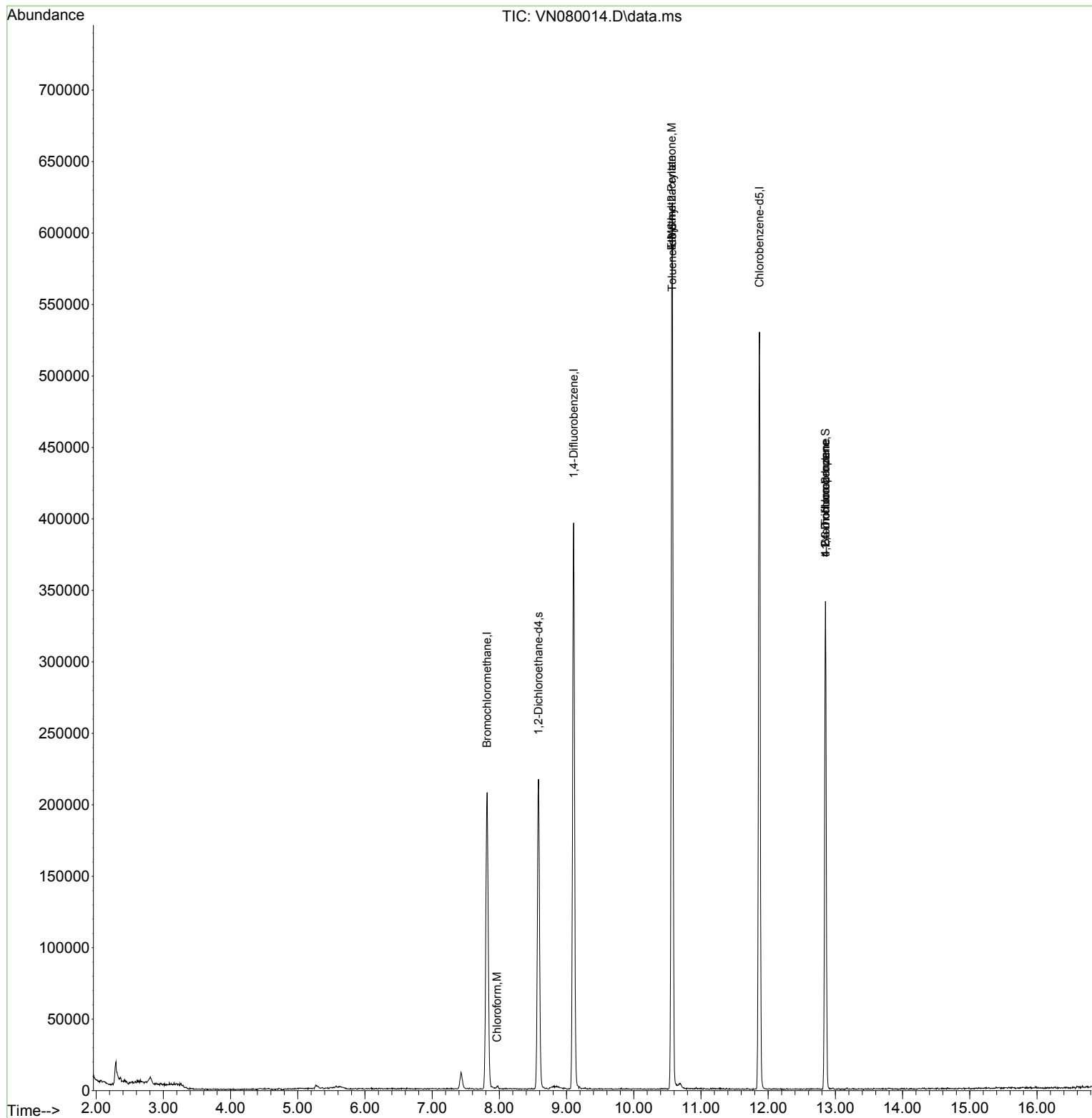
Internal Standards						
1) Bromochloromethane	7.818	128	71979	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	327579	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	309019	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	180957	29.949	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.833%
60) 4-Bromofluorobenzene	12.853	95	120506	24.386	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.300%
63) Toluene-d8	10.571	98	422307	28.842	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.133%
Target Compounds						
					Qvalue	
25) Chloroform	7.965	83	2101	0.225	ug/l	96
51) Ethyl methacrylate	10.565	69	1262	0.225	ug/l	96
58) 4-Methyl-2-Pentanone	10.565	43	1741	0.337	ug/l #	1
72) 1,2,3-Trichloropropane	12.853	75	60888	11.509	ug/l	1
77) t-1,4-Dichloro-2-butene	12.853	75	60888	35.148	ug/l #	7

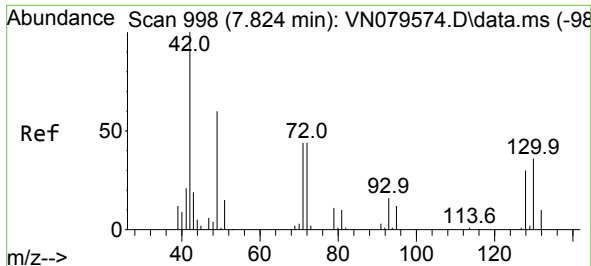
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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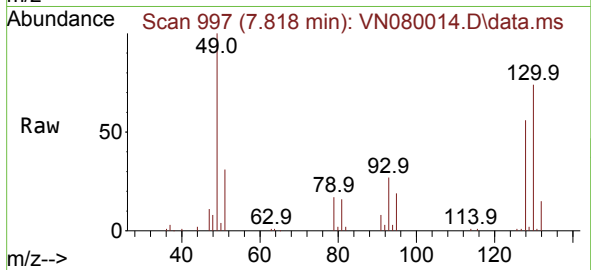
Quant Time: Nov 09 04:32:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 09 04:02:05 2023
Response via : Initial Calibration



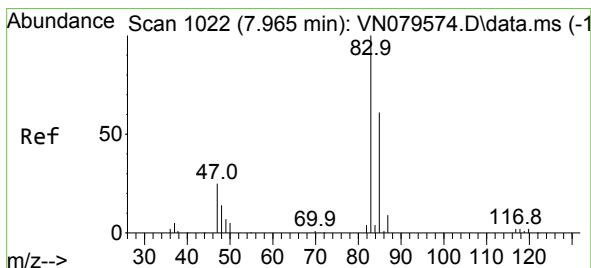
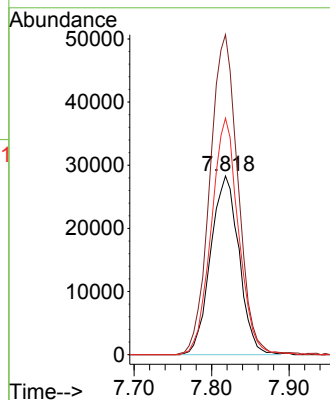
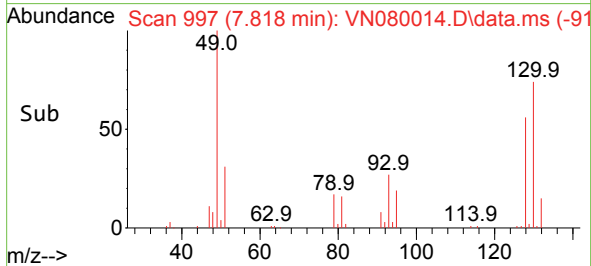


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080014.D
Acq: 09 Nov 2023 00:42

Instrument :
MSVOA_N
ClientSampleId :

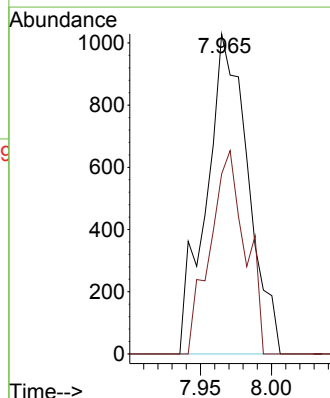
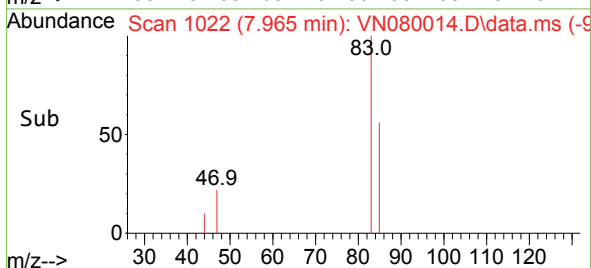
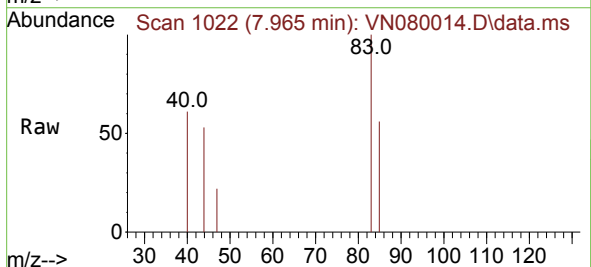


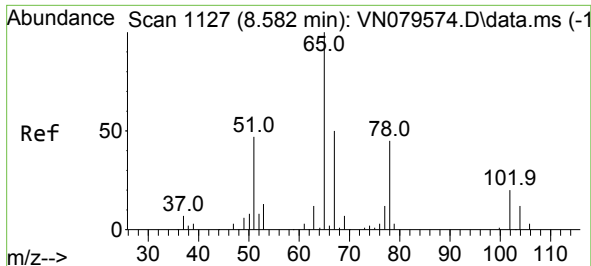
Tgt Ion:128 Resp: 71979
Ion Ratio Lower Upper
128 100
49 176.3 0.0 468.5
130 127.4 0.0 320.7



#25
Chloroform
Concen: 0.225 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080014.D
Acq: 09 Nov 2023 00:42

Tgt Ion: 83 Resp: 2101
Ion Ratio Lower Upper
83 100
85 56.3 47.4 71.2





#27

1,2-Dichloroethane-d4

Concen: 29.949 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN080014.D

Acq: 09 Nov 2023 00:42

Instrument :

MSVOA_N

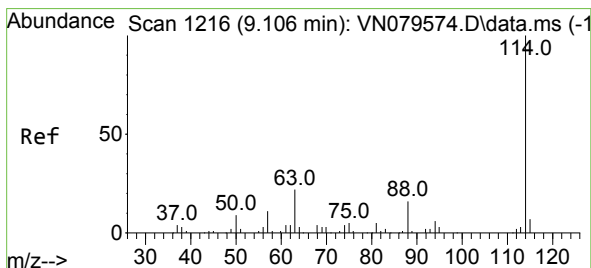
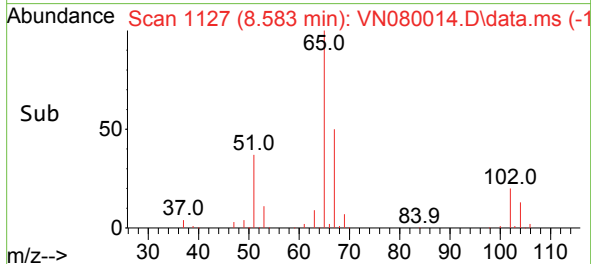
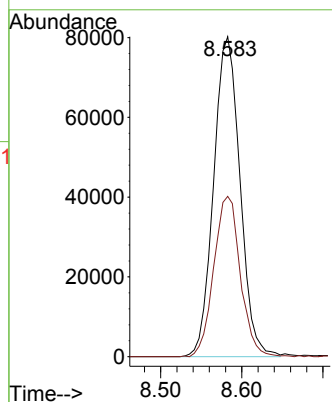
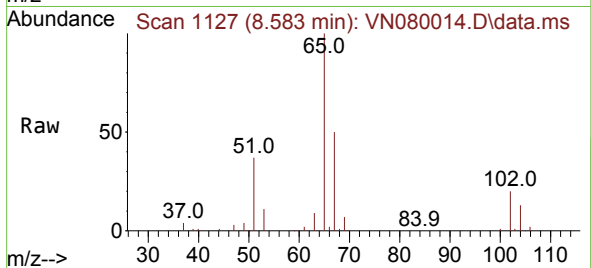
ClientSampleId :

Tgt Ion: 65 Resp: 180957

Ion Ratio Lower Upper

65 100

67 50.3 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: VN080014.D

Acq: 09 Nov 2023 00:42

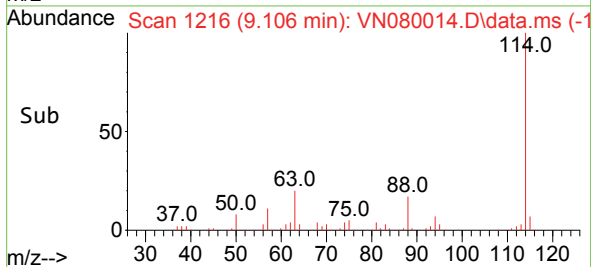
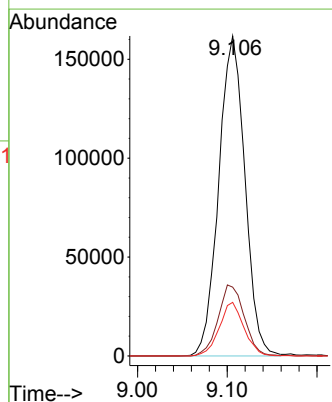
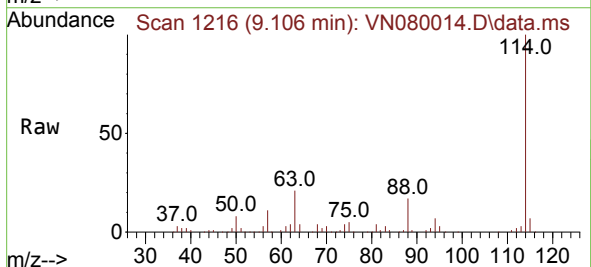
Tgt Ion: 114 Resp: 327579

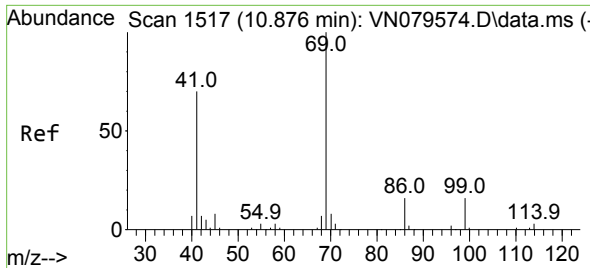
Ion Ratio Lower Upper

114 100

63 22.1 18.1 27.1

88 15.8 12.2 18.2

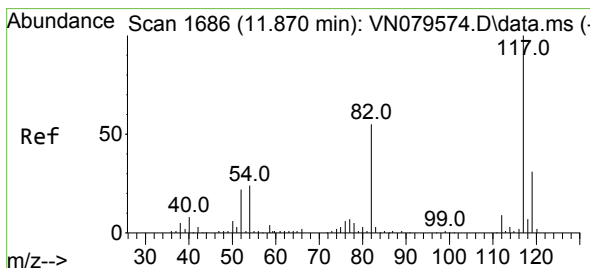
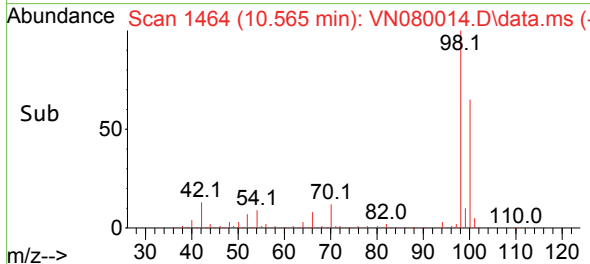
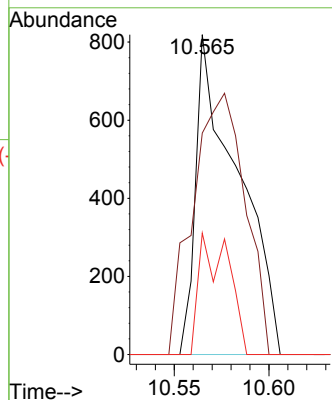
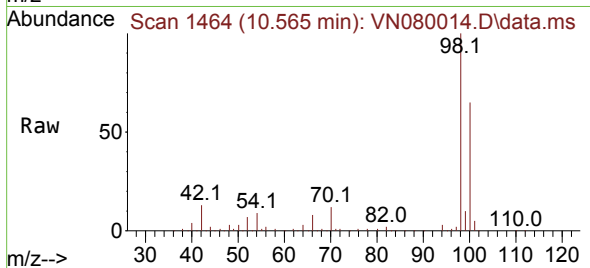




#51
Ethyl methacrylate
Concen: 0.225 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.311 min
Lab File: VN080014.D
Acq: 09 Nov 2023 00:42

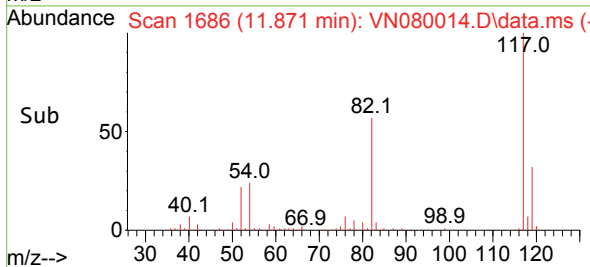
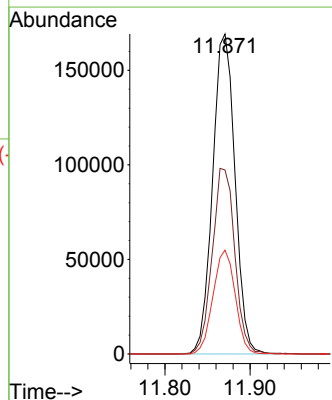
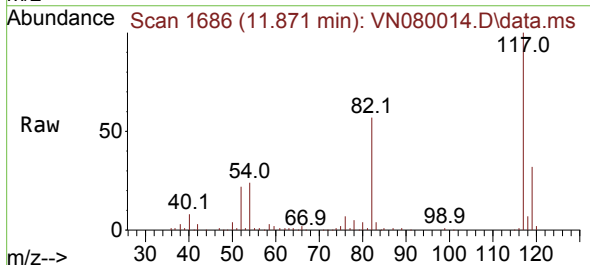
Instrument :
MSVOA_N
ClientSampleId :

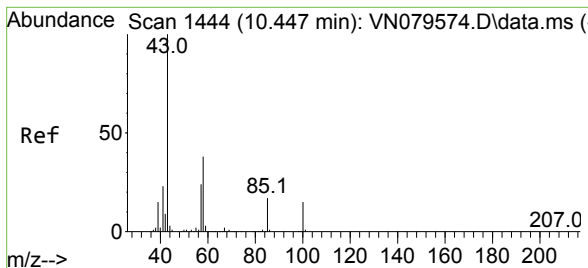
Tgt Ion: 69 Resp: 1262
Ion Ratio Lower Upper
69 100
41 69.2 33.8 101.3
39 38.0 21.3 63.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN080014.D
Acq: 09 Nov 2023 00:42

Tgt Ion: 117 Resp: 309019
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.2
119 32.1 25.2 37.8

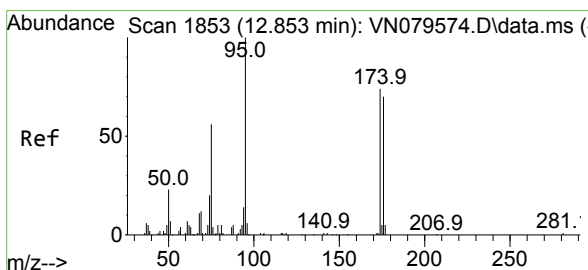
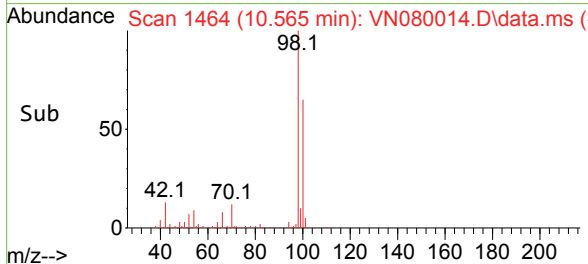
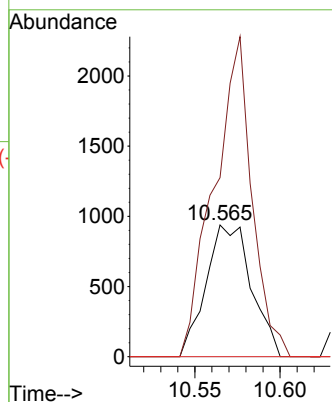
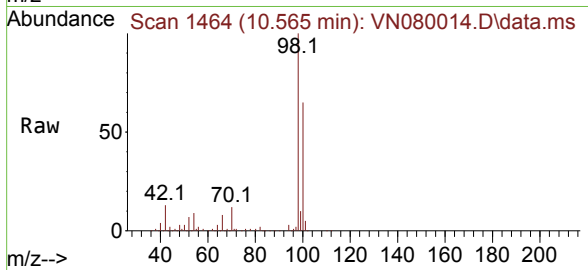




#58
 4-Methyl-2-Pentanone
 Concen: 0.337 ug/l
 RT: 10.565 min Scan# 1444
 Delta R.T. 0.118 min
 Lab File: VN080014.D
 Acq: 09 Nov 2023 00:42

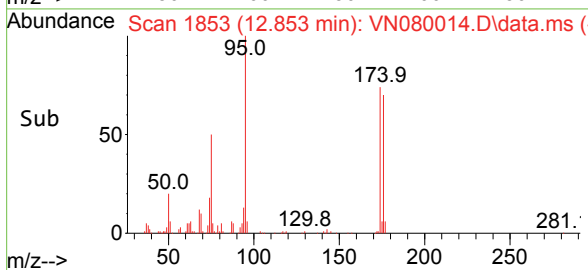
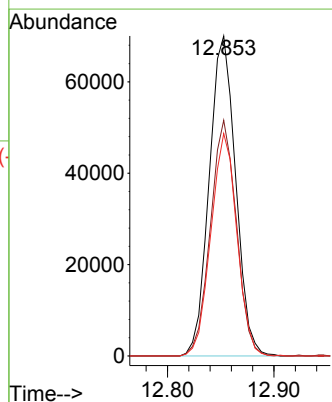
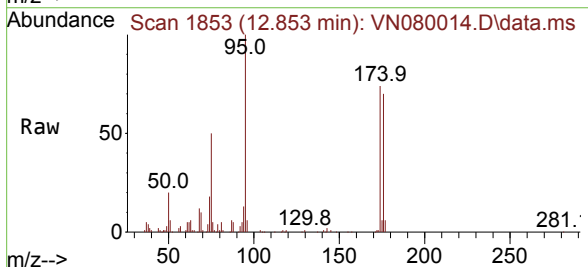
Instrument :
 MSVOA_N
 ClientSampleId :

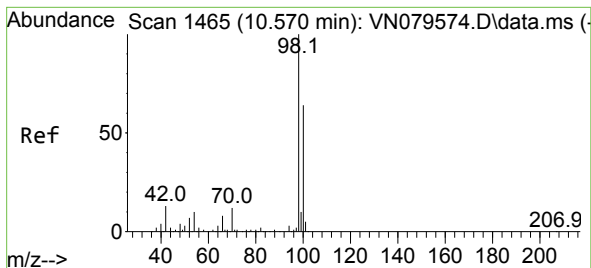
Tgt Ion: 43 Resp: 1741
 Ion Ratio Lower Upper
 43 100
 58 202.6 30.4 45.6#
 85 0.0 13.2 19.8#



#60
 4-Bromofluorobenzene
 Concen: 24.386 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN080014.D
 Acq: 09 Nov 2023 00:42

Tgt Ion: 95 Resp: 120506
 Ion Ratio Lower Upper
 95 100
 174 72.3 60.5 90.7
 176 68.3 57.2 85.8





#63

Toluene-d8

Concen: 28.842 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.001 min

Lab File: VN080014.D

Acq: 09 Nov 2023 00:42

Instrument :

MSVOA_N

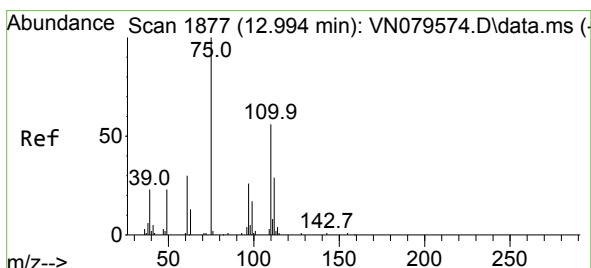
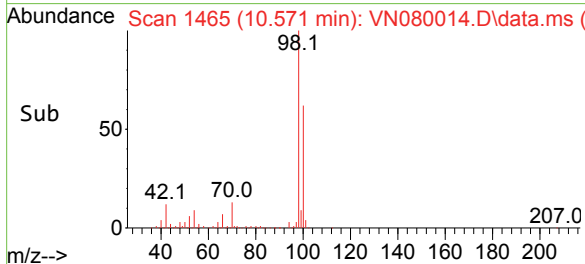
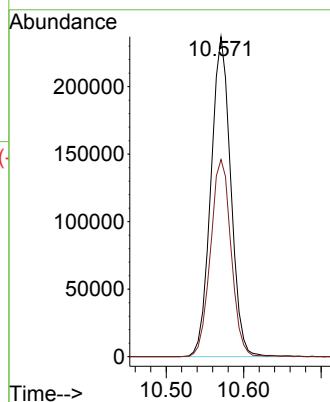
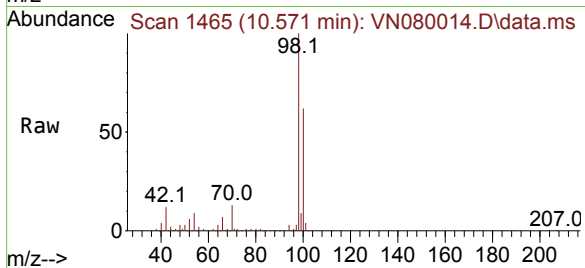
ClientSampleId :

Tgt Ion: 98 Resp: 422307

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4



#72

1,2,3-Trichloropropane

Concen: 11.509 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080014.D

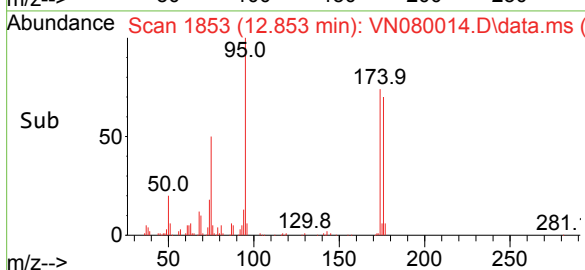
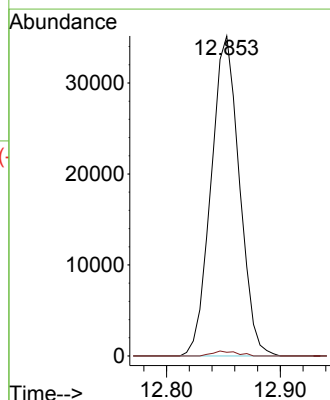
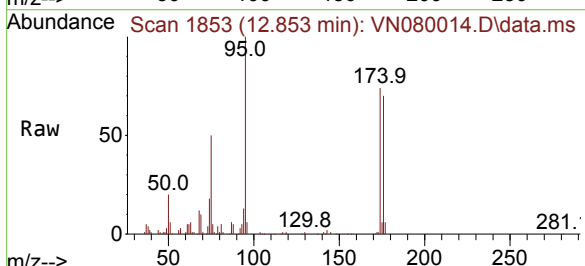
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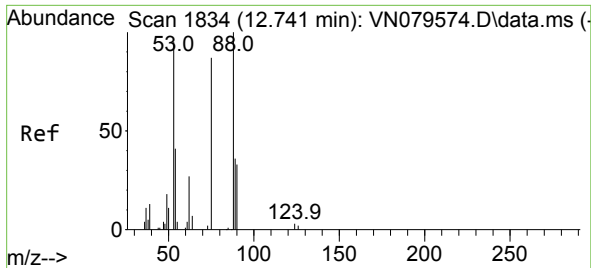
Tgt Ion: 75 Resp: 60888

Ion Ratio Lower Upper

75 100

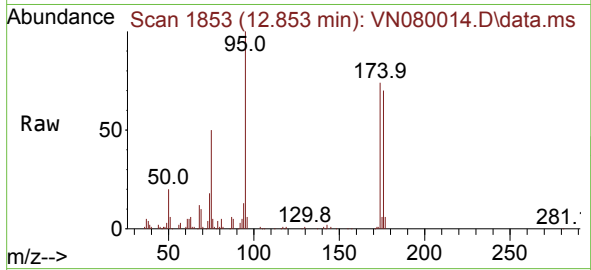
77 1.3 0.0 338.2





#77
 t-1,4-Dichloro-2-butene
 Concen: 35.148 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080014.D
 Acq: 09 Nov 2023 00:42

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 60888
 Ion Ratio Lower Upper
 75 100
 53 0.0 53.0 159.1#
 89 0.0 22.6 67.7#

