

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080008.D
 Acq On : 08 Nov 2023 22:19
 Operator : JC\MD
 Sample : 05283-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 04:30:49 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)

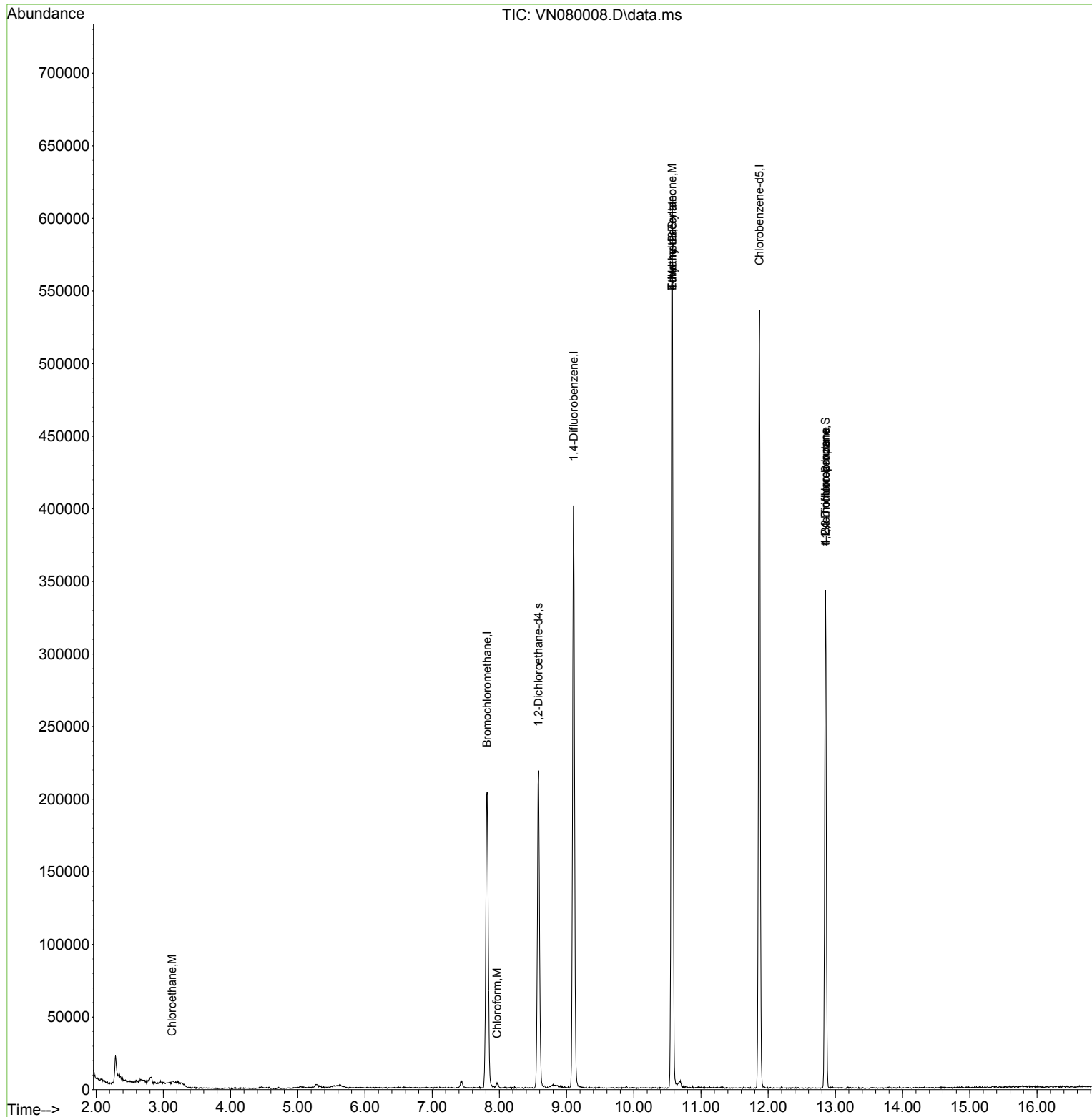
Internal Standards						
1) Bromochloromethane	7.818	128	69971	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	325744	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	306949	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	179129	30.498	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.667%			
60) 4-Bromofluorobenzene	12.853	95	114708	23.369	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 77.900%			
63) Toluene-d8	10.571	98	416777	28.657	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.533%			
Target Compounds						Qvalue
6) Chloroethane	3.130	64	856	0.307	ug/l #	46
25) Chloroform	7.965	83	2903	0.320	ug/l #	73
51) Ethyl methacrylate	10.571	69	1694	0.304	ug/l #	71
58) 4-Methyl-2-Pentanone	10.571	43	2002	0.390	ug/l #	1
72) 1,2,3-Trichloropropane	12.853	75	62823	11.955	ug/l	1
77) t-1,4-Dichloro-2-butene	12.853	75	62823	36.509	ug/l #	7

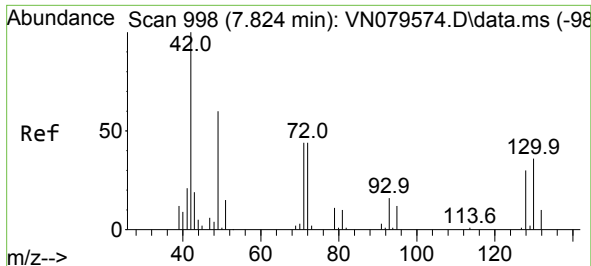
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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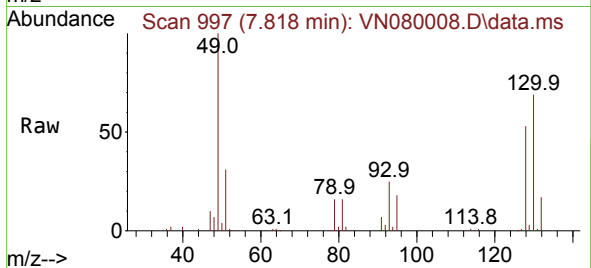
Quant Time: Nov 09 04:30:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 09 04:02:05 2023
Response via : Initial Calibration



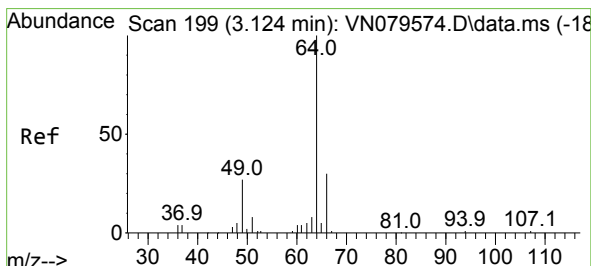
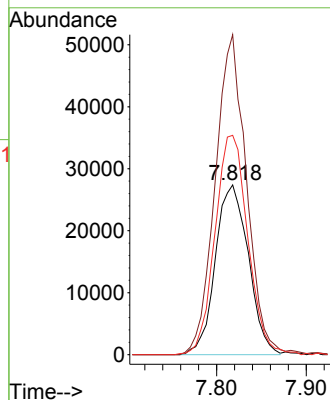
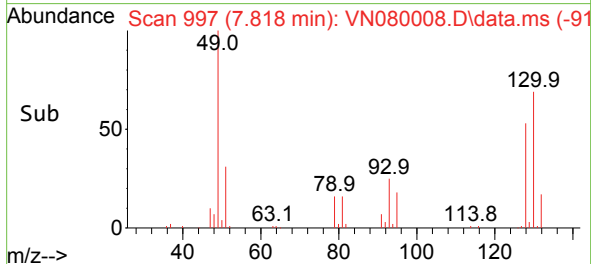


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080008.D
Acq: 08 Nov 2023 22:19

Instrument :
MSVOA_N
ClientSampleId :

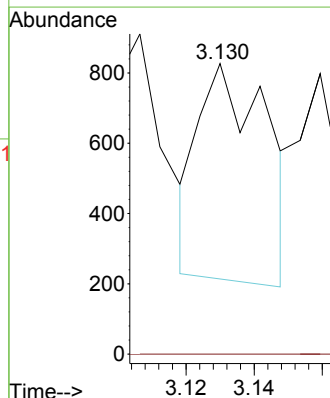
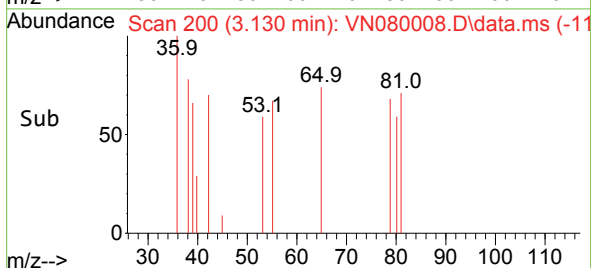
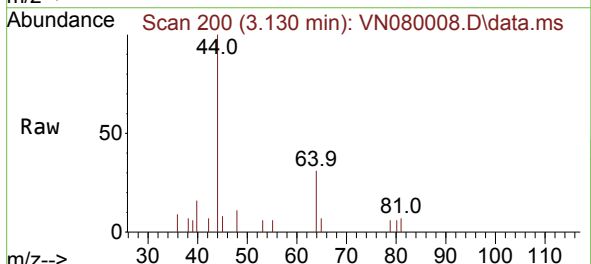


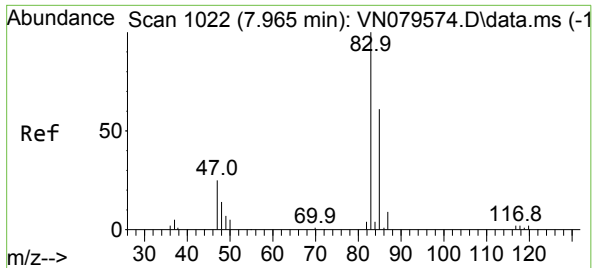
Tgt Ion:128 Resp: 69971
Ion Ratio Lower Upper
128 100
49 177.6 0.0 468.5
130 128.5 0.0 320.7



#6
Chloroethane
Concen: 0.307 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN080008.D
Acq: 08 Nov 2023 22:19

Tgt Ion: 64 Resp: 856
Ion Ratio Lower Upper
64 100
66 0.0 23.3 34.9#





#25

Chloroform

Concen: 0.320 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN080008.D

Acq: 08 Nov 2023 22:19

Instrument :

MSVOA_N

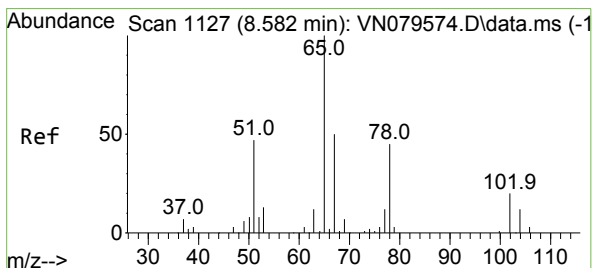
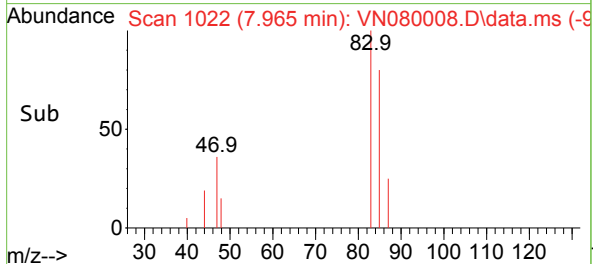
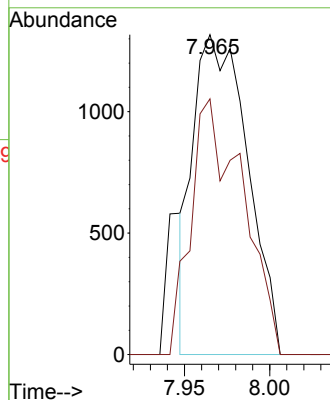
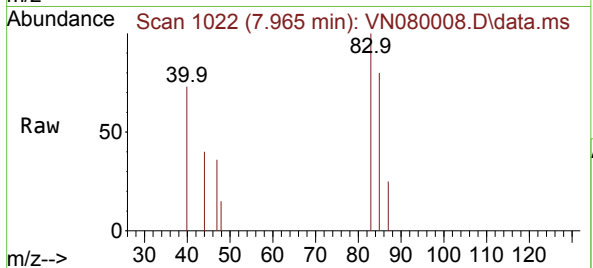
ClientSampleId :

Tgt Ion: 83 Resp: 2903

Ion Ratio Lower Upper

83 100

85 80.0 47.4 71.2#



#27

1,2-Dichloroethane-d4

Concen: 30.498 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN080008.D

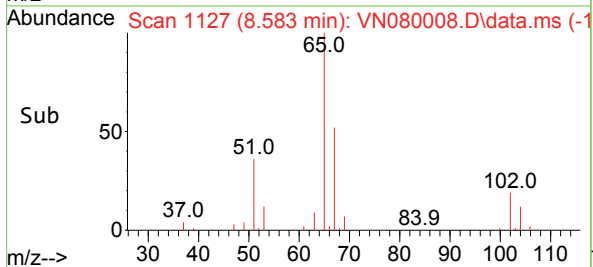
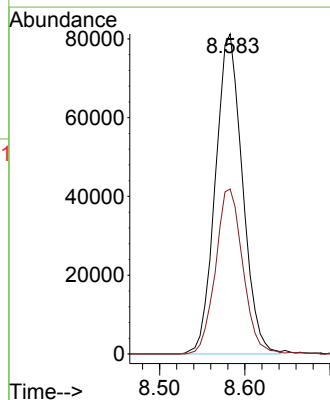
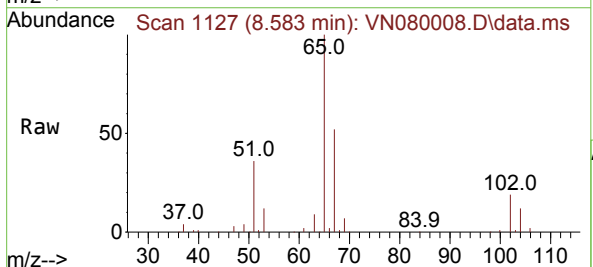
Acq: 08 Nov 2023 22:19

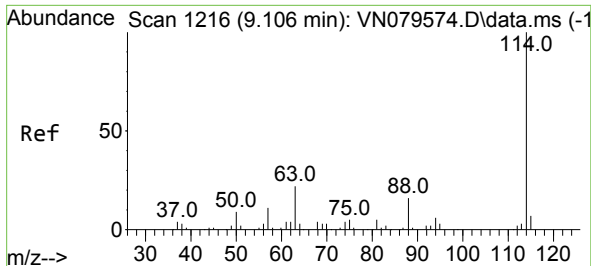
Tgt Ion: 65 Resp: 179129

Ion Ratio Lower Upper

65 100

67 52.0 42.1 63.1

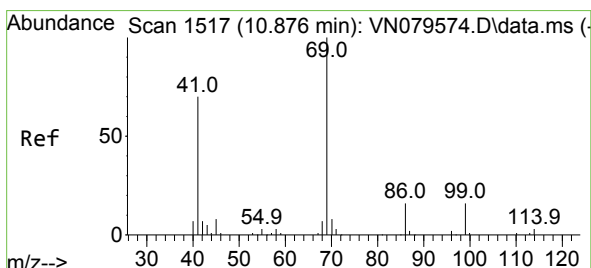
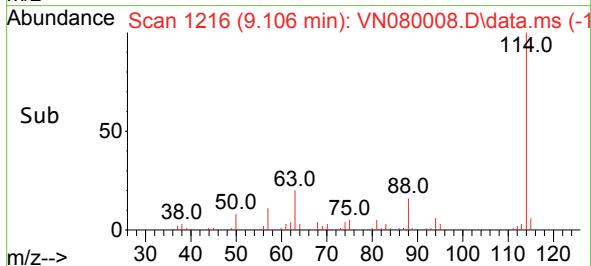
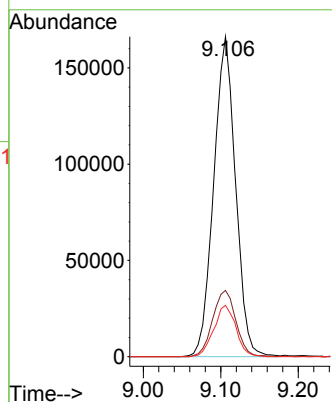
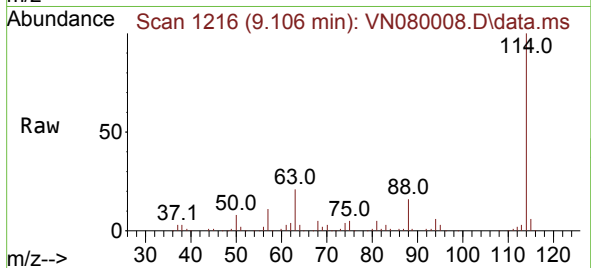




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080008.D
Acq: 08 Nov 2023 22:19

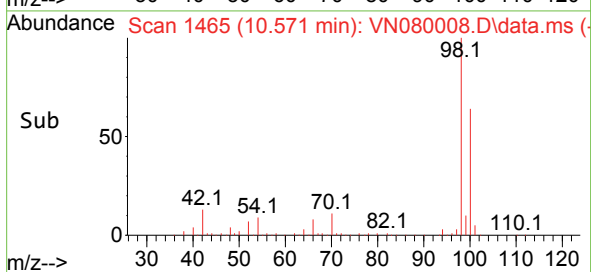
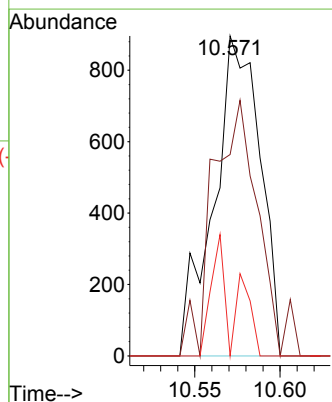
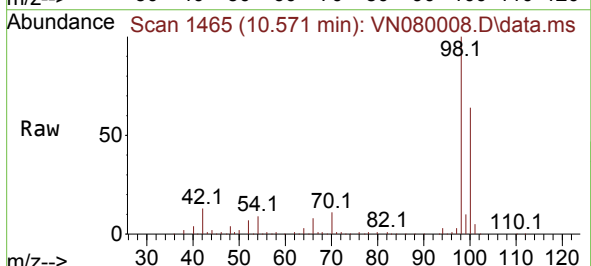
Instrument :
MSVOA_N
ClientSampleId :

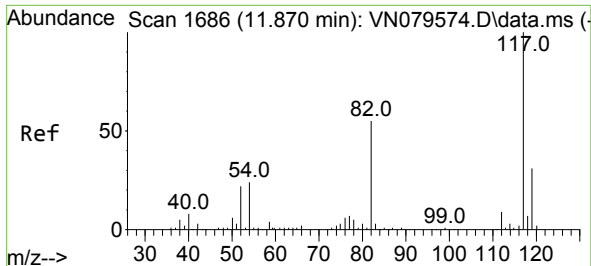
Tgt Ion:114 Resp: 325744
Ion Ratio Lower Upper
114 100
63 22.0 18.1 27.1
88 16.2 12.2 18.2



#51
Ethyl methacrylate
Concen: 0.304 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.305 min
Lab File: VN080008.D
Acq: 08 Nov 2023 22:19

Tgt Ion: 69 Resp: 1694
Ion Ratio Lower Upper
69 100
41 62.9 33.8 101.3
39 0.0 21.3 63.9#

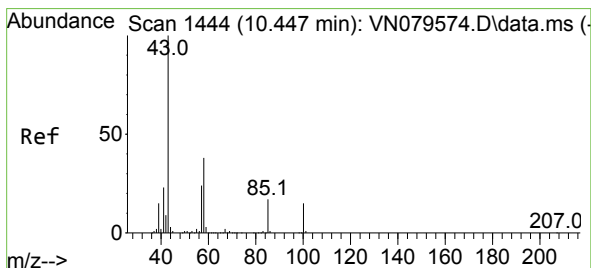
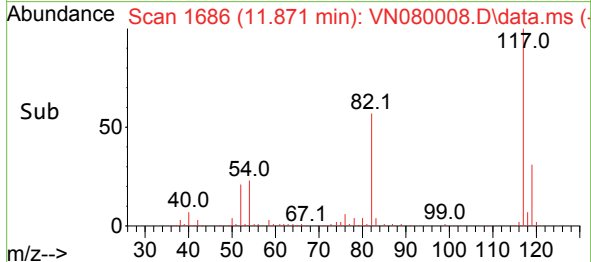
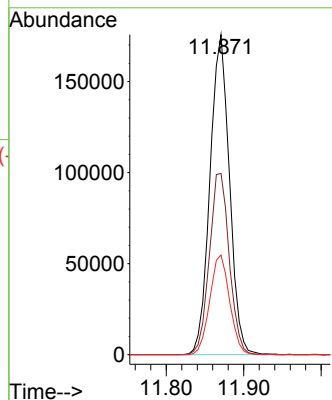
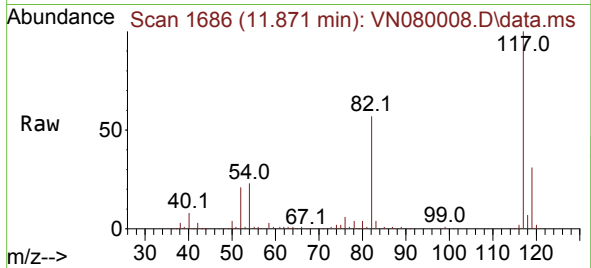




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN080008.D
Acq: 08 Nov 2023 22:19

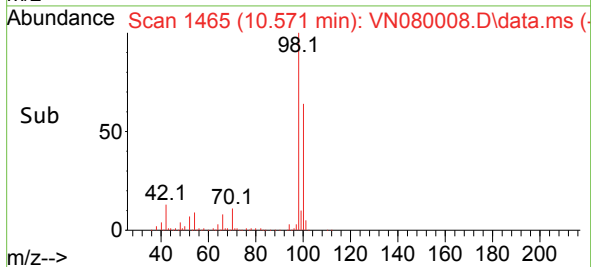
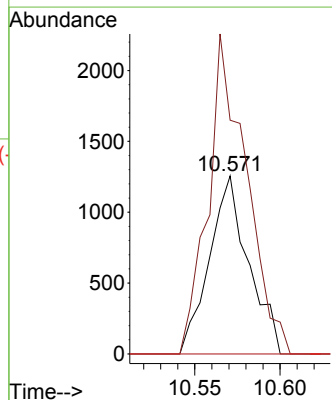
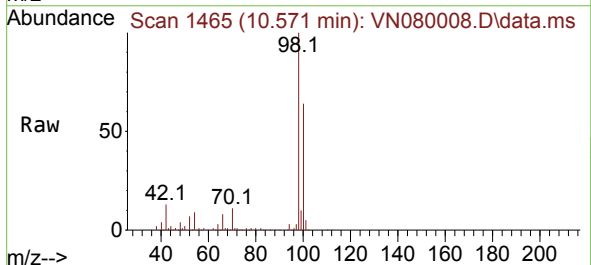
Instrument :
MSVOA_N
ClientSampleId :

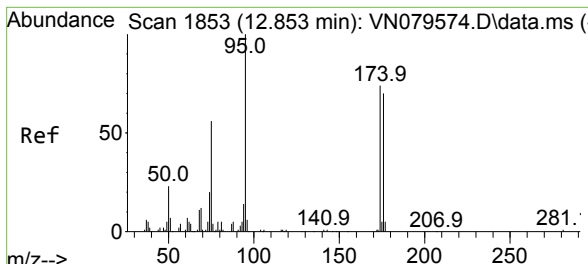
Tgt Ion:117 Resp: 306949
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.2
119 31.7 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 0.390 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN080008.D
Acq: 08 Nov 2023 22:19

Tgt Ion: 43 Resp: 2002
Ion Ratio Lower Upper
43 100
58 175.9 30.4 45.6#
85 0.0 13.2 19.8#

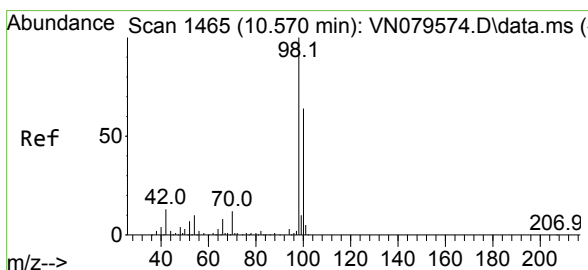
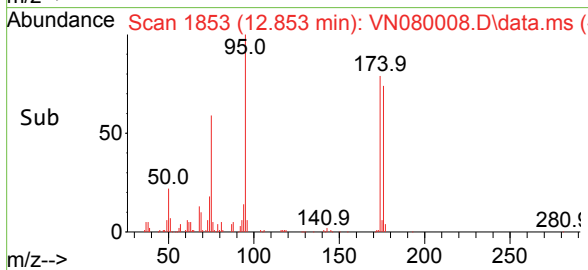
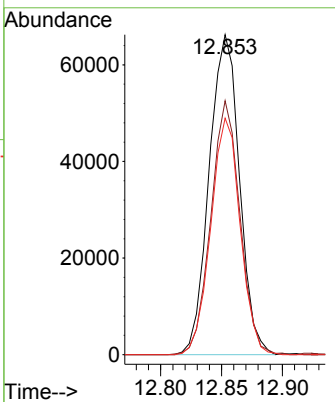
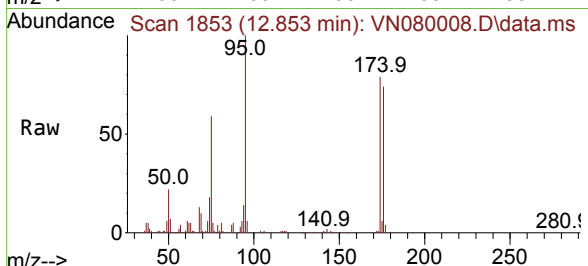




#60
 4-Bromofluorobenzene
 Concen: 23.369 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN080008.D
 Acq: 08 Nov 2023 22:19

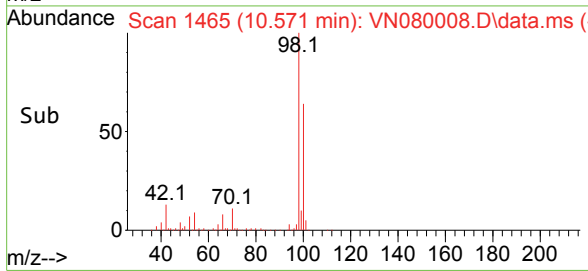
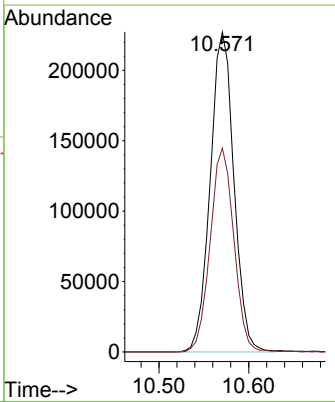
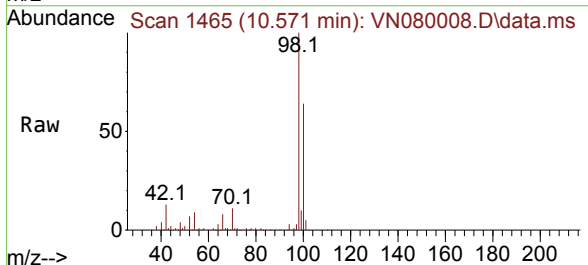
Instrument :
 MSVOA_N
 ClientSampleId :

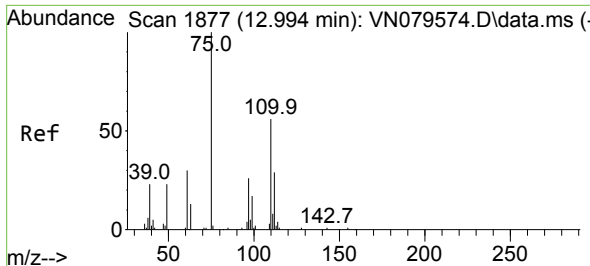
Tgt Ion:	95	Resp:	114708
Ion	Ratio	Lower	Upper
95	100		
174	76.2	60.5	90.7
176	71.8	57.2	85.8



#63
 Toluene-d8
 Concen: 28.657 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. 0.001 min
 Lab File: VN080008.D
 Acq: 08 Nov 2023 22:19

Tgt Ion:	98	Resp:	416777
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.6	77.4

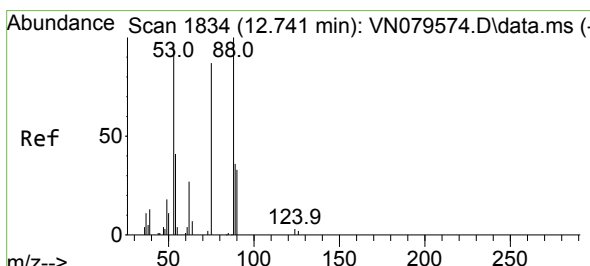
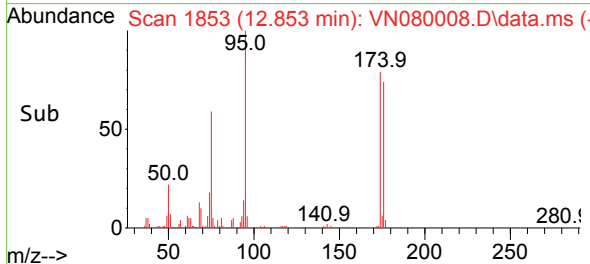
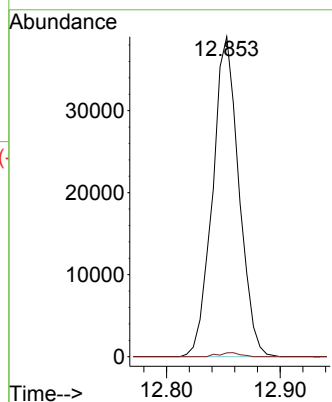
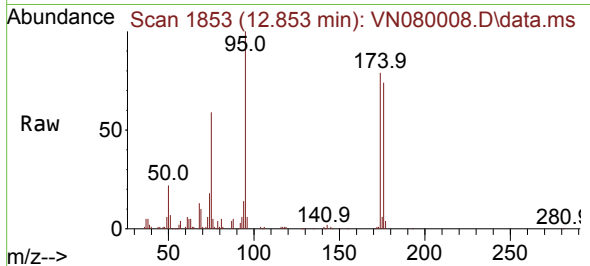




#72
1,2,3-Trichloropropane
Concen: 11.955 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080008.D
Acq: 08 Nov 2023 22:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 62823
Ion Ratio Lower Upper
75 100
77 1.0 0.0 338.2



#77
t-1,4-Dichloro-2-butene
Concen: 36.509 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080008.D
Acq: 08 Nov 2023 22:19

Tgt Ion: 75 Resp: 62823
Ion Ratio Lower Upper
75 100
53 0.0 53.0 159.1#
89 0.0 22.6 67.7#

