

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084353.D
 Acq On : 08 Oct 2024 16:53
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 02:32:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 2024
 Response via : Initial Calibration

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

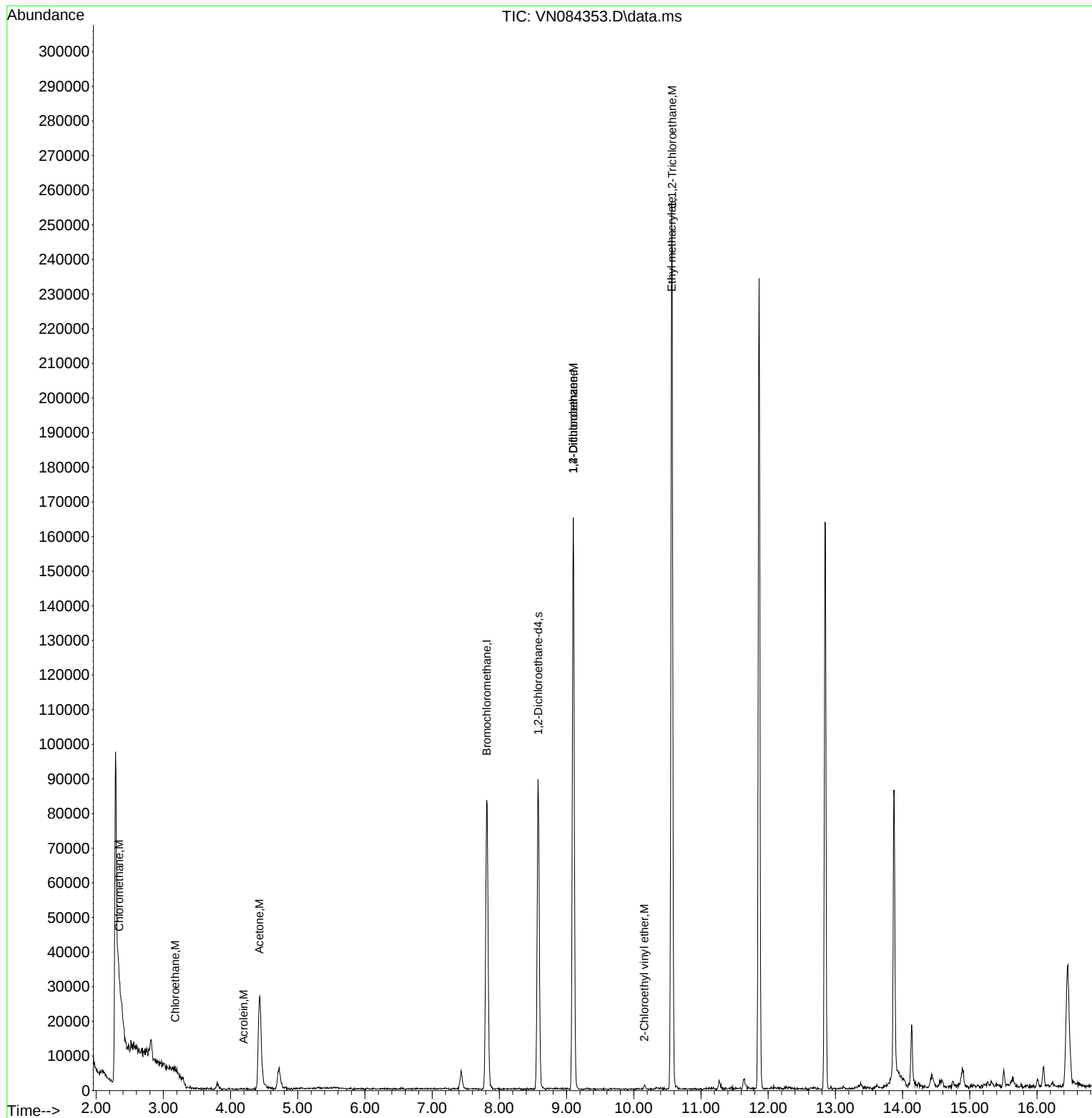
Internal Standards						
1) Bromochloromethane	7.812	128	29654	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	138909	30.000	ug/l	0.00
57) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.86
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	74360	31.147	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.833%
60) 4-Bromofluorobenzene	12.853	95	60137	0.000	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	0.000%#
63) Toluene-d8	10.565	98	176877	0.000	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.342	50	1233	0.598	ug/l #	42
6) Chloroethane	3.177	64	1511	1.141	ug/l	99
13) Acrolein	4.195	56	160	0.373	ug/l #	14
15) Acetone	4.430	58	17337	58.441	ug/l	91
36) 1,2-Dichloroethane	9.100	62	5373	2.258	ug/l #	75
50) 1,1,2-Trichloroethane	10.571	97	6096	3.728	ug/l #	1
51) Ethyl methacrylate	10.565	69	690	0.255	ug/l #	62
55) 2-Chloroethyl vinyl ether	10.159	63	561	0.458	ug/l #	45

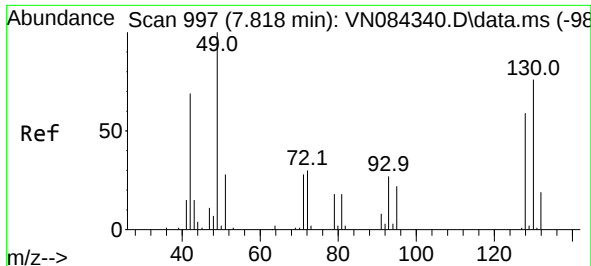
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN084353.D
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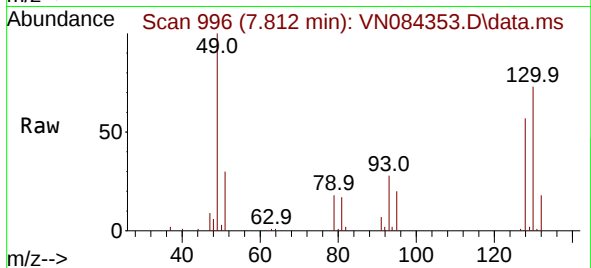
Quant Time: Oct 09 02:32:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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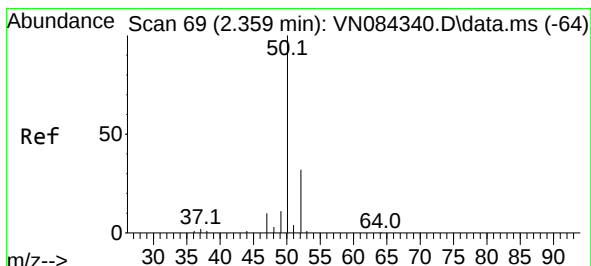
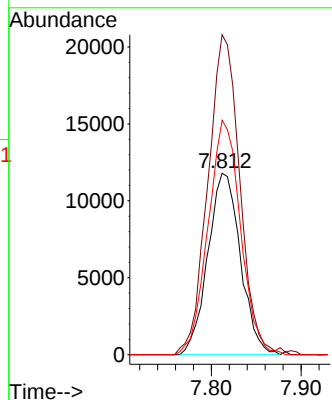
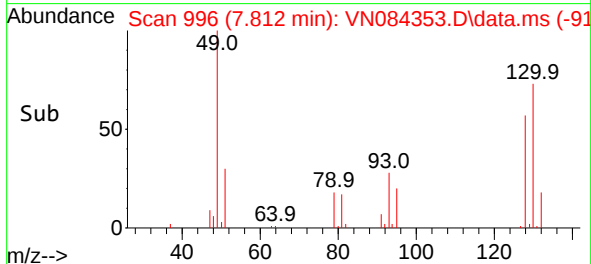


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :

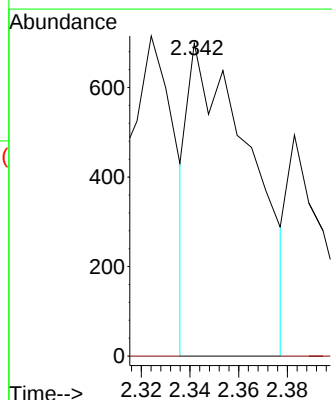
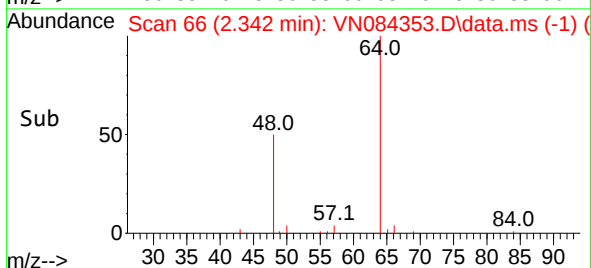
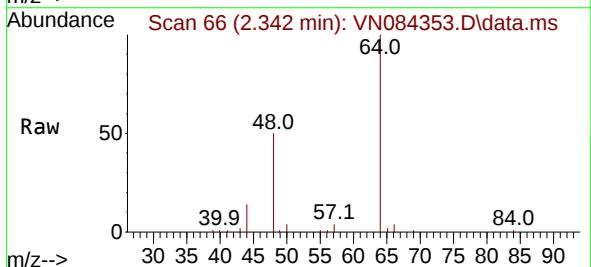


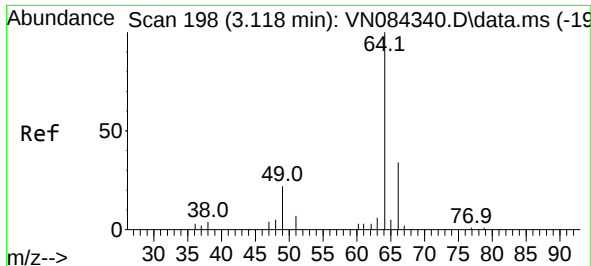
Tgt Ion:128 Resp: 29654
Ion Ratio Lower Upper
128 100
49 172.1 0.0 430.0
130 129.4 0.0 329.8



#3
Chloromethane
Concen: 0.598 ug/l
RT: 2.342 min Scan# 66
Delta R.T. -0.018 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

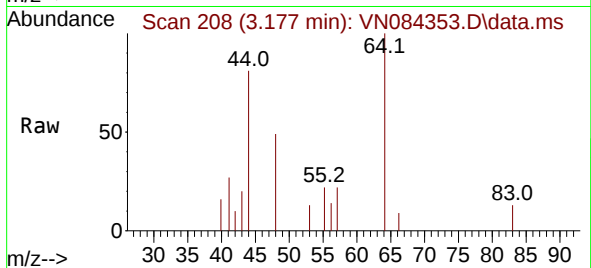
Tgt Ion: 50 Resp: 1233
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#



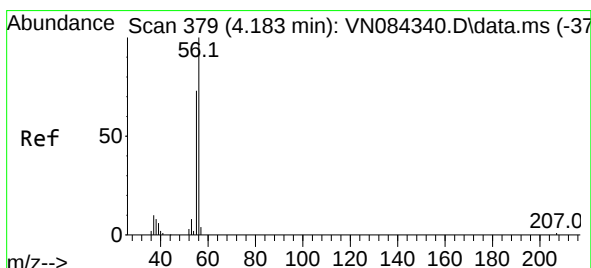
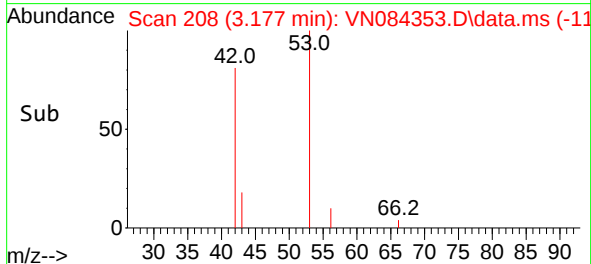
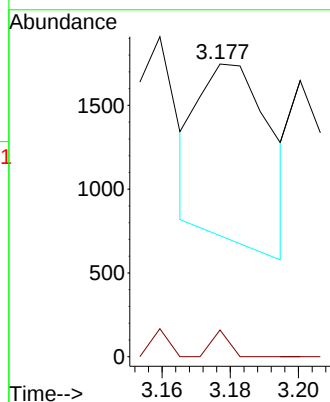


#6
Chloroethane
Concen: 1.141 ug/l
RT: 3.177 min Scan# 20
Delta R.T. 0.059 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :

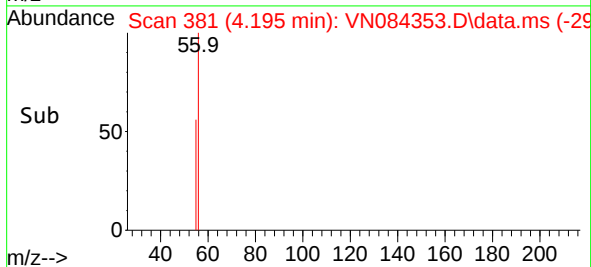
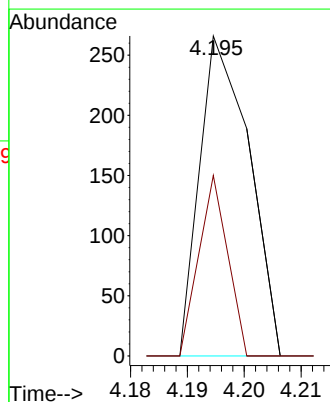
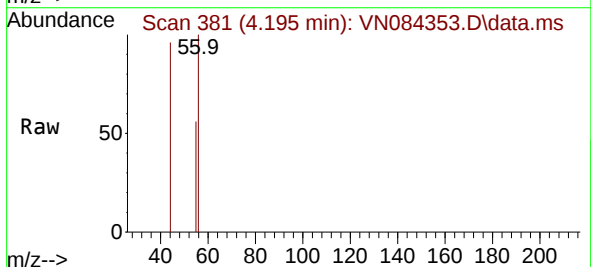


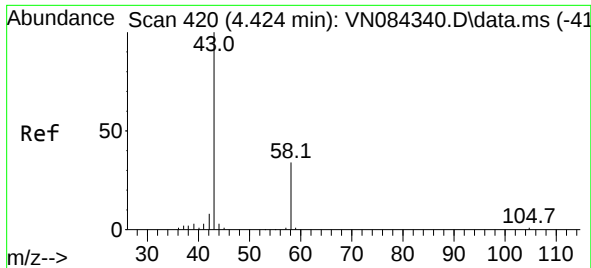
Tgt Ion: 64 Resp: 1511
Ion Ratio Lower Upper
64 100
66 34.1 27.7 41.5



#13
Acrolein
Concen: 0.373 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

Tgt Ion: 56 Resp: 160
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#





#15

Acetone

Concen: 58.441 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084353.D

Acq: 08 Oct 2024 16:53

Instrument :

MSVOA_N

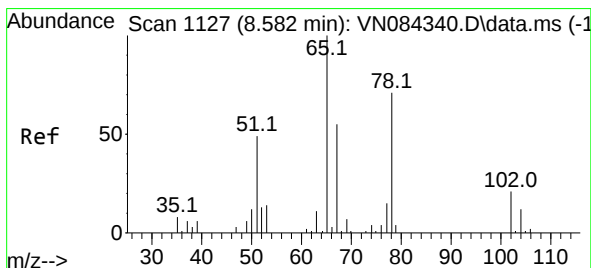
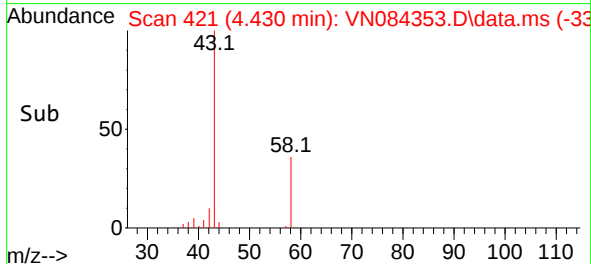
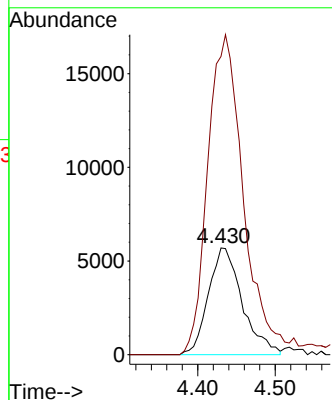
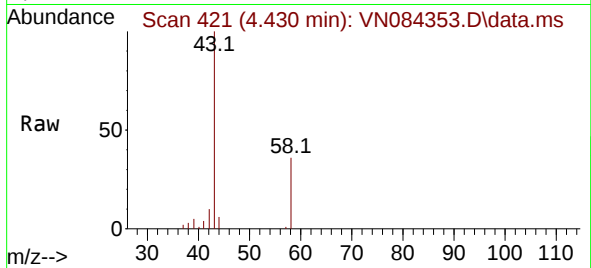
ClientSampleId :

Tgt Ion: 58 Resp: 17337

Ion Ratio Lower Upper

58 100

43 279.5 237.5 356.3



#27

1,2-Dichloroethane-d4

Concen: 31.147 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN084353.D

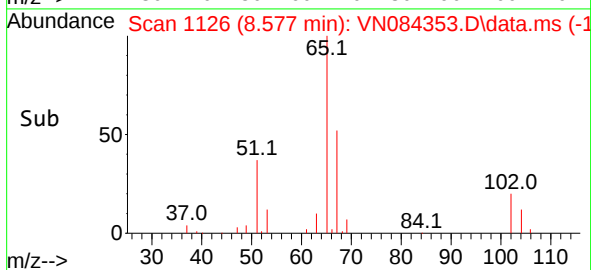
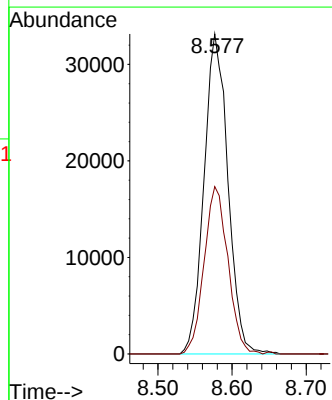
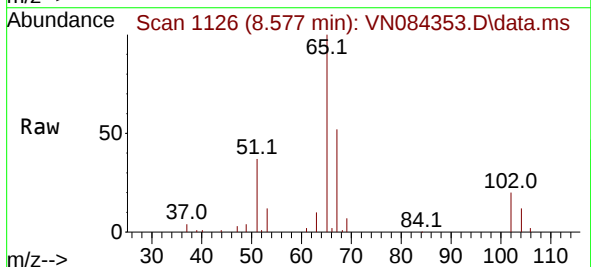
Acq: 08 Oct 2024 16:53

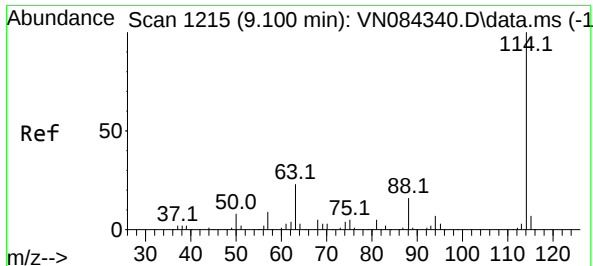
Tgt Ion: 65 Resp: 74360

Ion Ratio Lower Upper

65 100

67 51.8 41.5 62.3

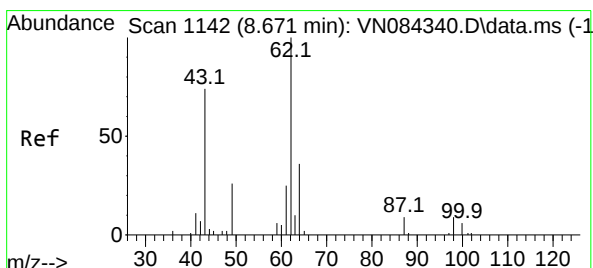
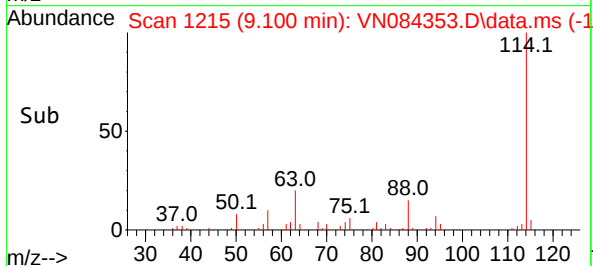
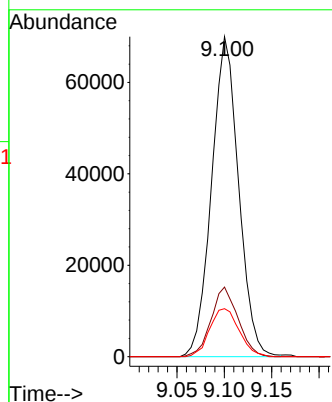
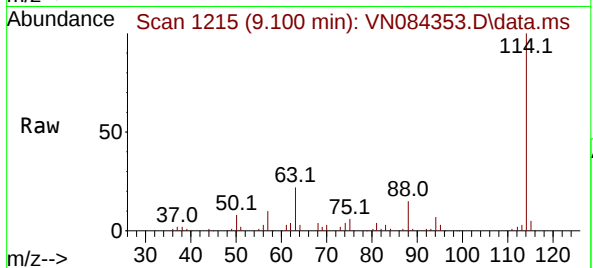




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 114
 Delta R.T. 0.000 min
 Lab File: VN084353.D
 Acq: 08 Oct 2024 16:53

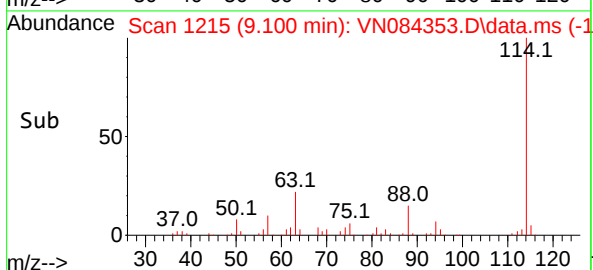
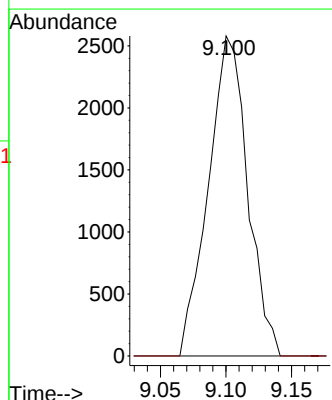
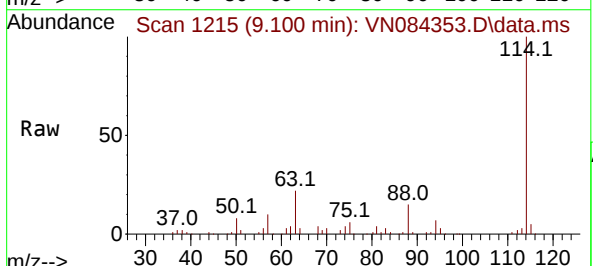
Instrument :
 MSVOA_N
 ClientSampleId :

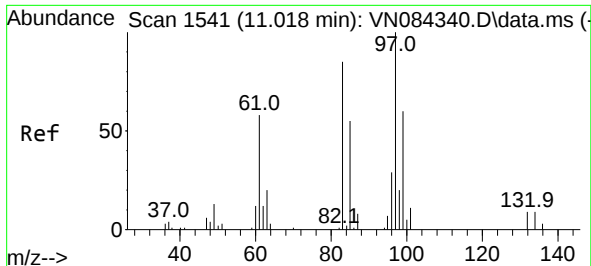
Tgt Ion:114 Resp: 138909
 Ion Ratio Lower Upper
 114 100
 63 21.7 17.4 26.0
 88 16.3 13.2 19.8



#36
 1,2-Dichloroethane
 Concen: 2.258 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.429 min
 Lab File: VN084353.D
 Acq: 08 Oct 2024 16:53

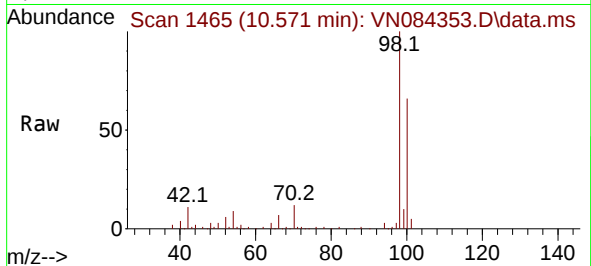
Tgt Ion: 62 Resp: 5373
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.3 10.9#



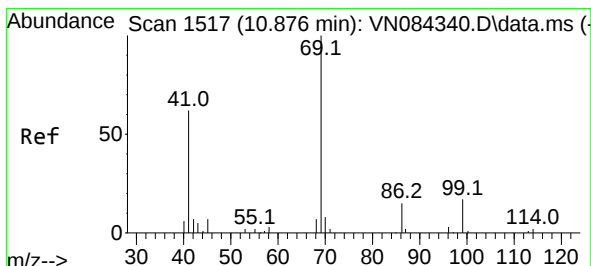
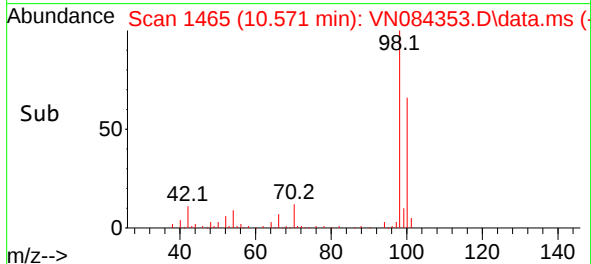
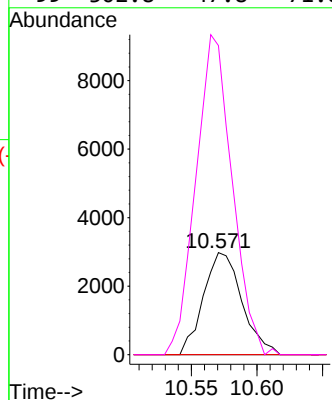


#50
1,1,2-Trichloroethane
Concen: 3.728 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.447 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :

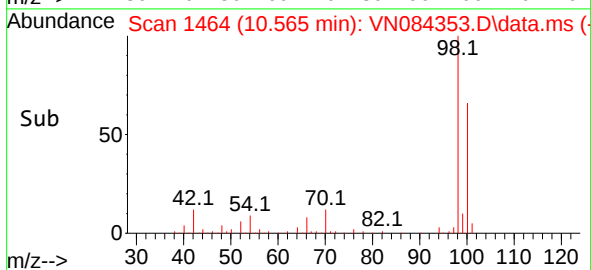
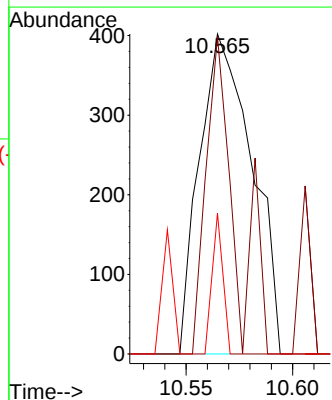
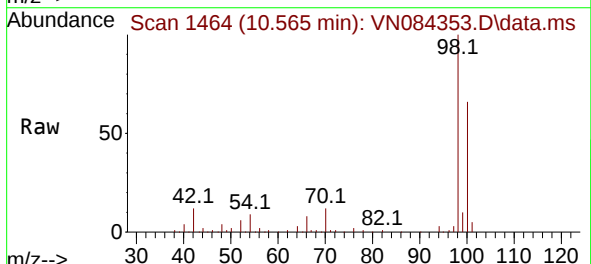


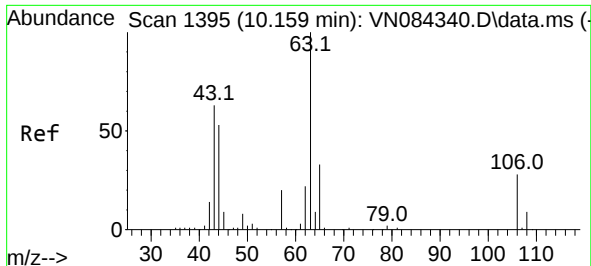
Tgt Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.8	101.8#
85	0.0	44.2	66.2#
99	302.8	47.8	71.8#



#51
Ethyl methacrylate
Concen: 0.255 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.312 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

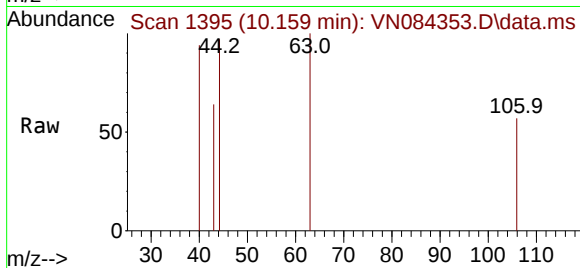
Tgt Ion	Ratio	Lower	Upper
69	100		
41	99.3	30.9	92.7#
39	44.0	16.6	49.7



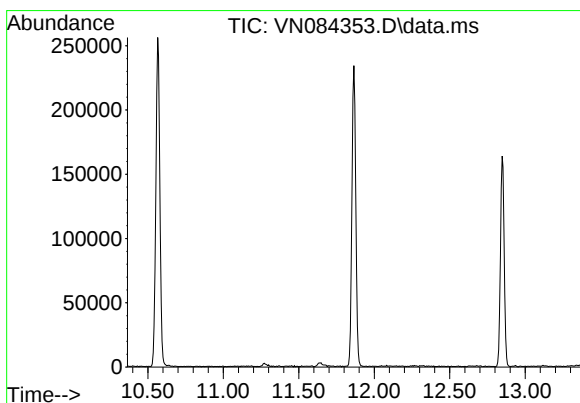
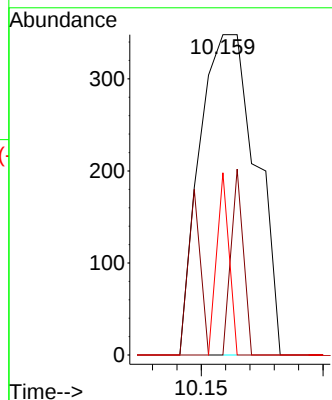
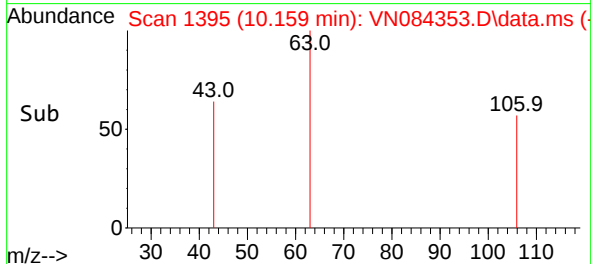


#55
2-Chloroethyl vinyl ether
Concen: 0.458 ug/l
RT: 10.159 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084353.D
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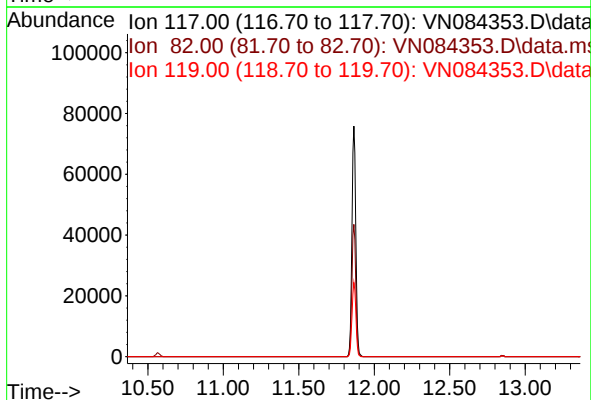
Tgt Ion: 63 Resp: 561
Ion Ratio Lower Upper
63 100
65 0.0 25.6 38.4#
106 0.0 21.6 32.4#

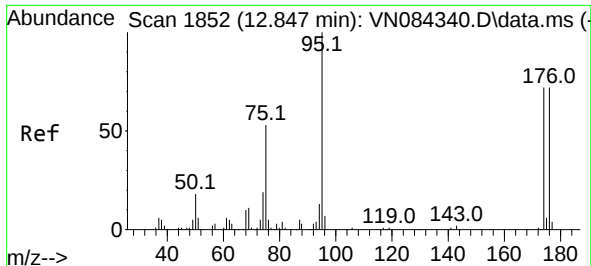


#57
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.86 min

Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

Tgt Ion: 117
Sig Exp Ratio
117 100
82 57.8
119 31.8

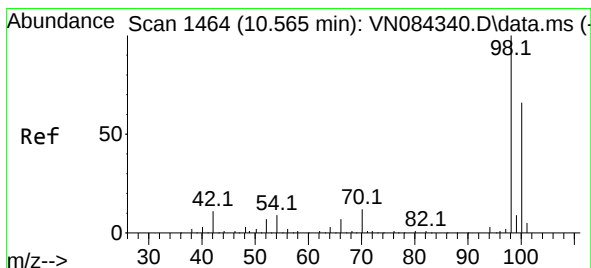
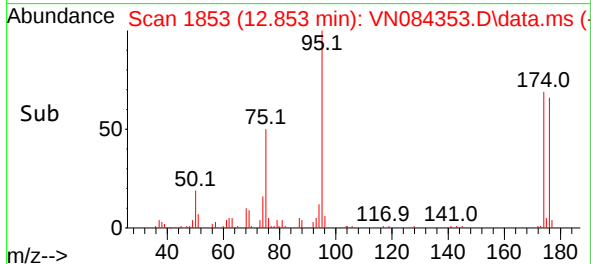
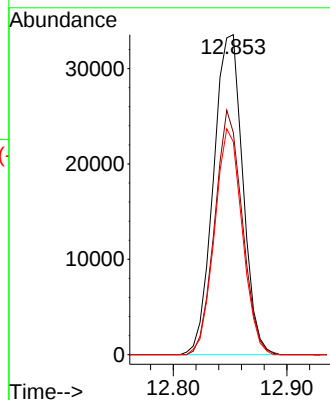
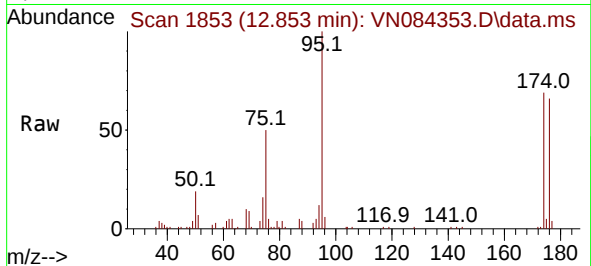




#60
4-Bromofluorobenzene
Concen: 0.000 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 60137
Ion Ratio Lower Upper
95 100
174 71.8 58.2 87.2
176 67.0 56.4 84.6



#63
Toluene-d8
Concen: 0.000 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

Tgt Ion: 98 Resp: 176877
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

