

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083873.D
 Acq On : 13 Sep 2024 16:31
 Operator : JC\MD
 Sample : P3966-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 13 23:53:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

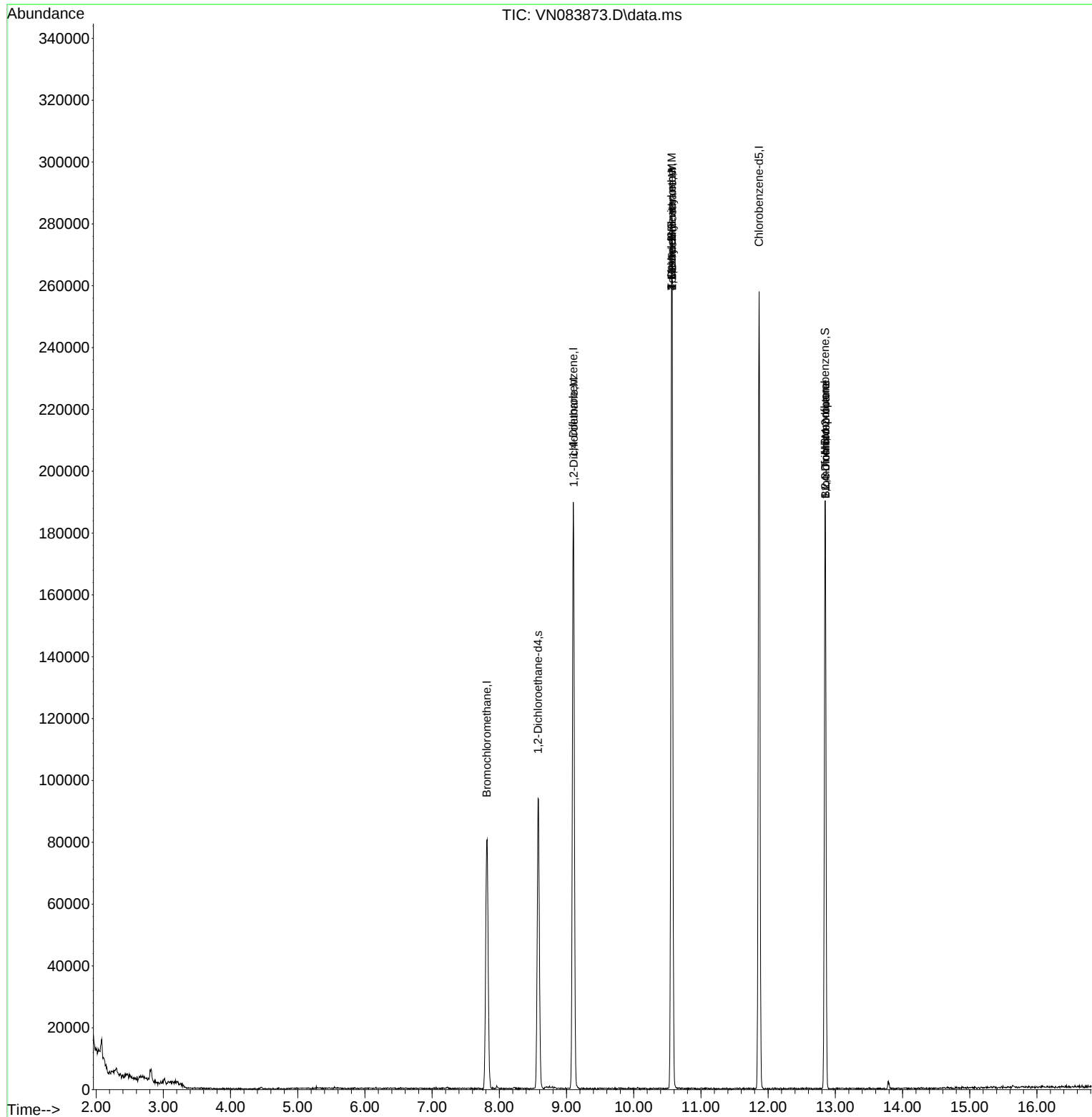
Internal Standards						
1) Bromochloromethane	7.812	128	28479	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	154832	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	138193	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80599	30.962	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.200%
60) 4-Bromofluorobenzene	12.847	95	64433	27.053	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.167%
63) Toluene-d8	10.565	98	192112	30.023	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.067%
Target Compounds						
					Qvalue	
36) 1,2-Dichloroethane	9.106	62	6242	2.253	ug/l #	72
50) 1,1,2-Trichloroethane	10.571	97	5926	3.591	ug/l #	1
55) 2-Chloroethyl vinyl ether	10.565	63	247	0.220	ug/l #	1
56) Bromoform	12.853	173	541	0.430	ug/l #	1
58) 4-Methyl-2-Pentanone	10.565	43	990	0.452	ug/l #	1
72) 1,2,3-Trichloropropane	12.853	75	36360	17.889	ug/l	1
77) t-1,4-Dichloro-2-butene	12.853	75	36360	42.322	ug/l #	12

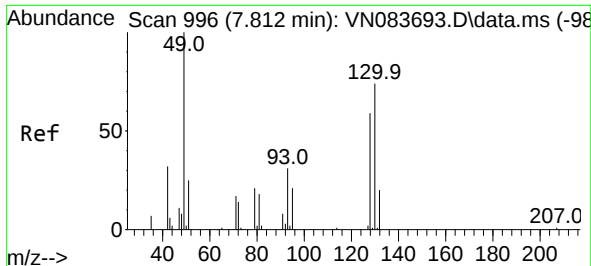
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
Data File : VN083873.D
Acq On : 13 Sep 2024 16:31
Operator : JC\MD
Sample : P3966-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 13 23:53:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 06 23:42:47 2024
Response via : Initial Calibration

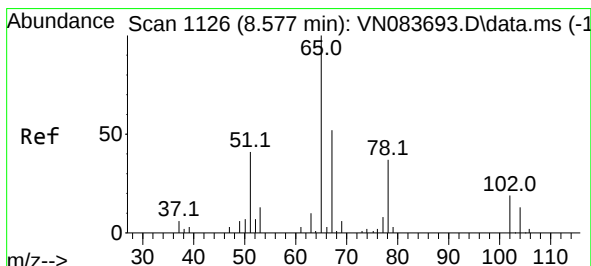
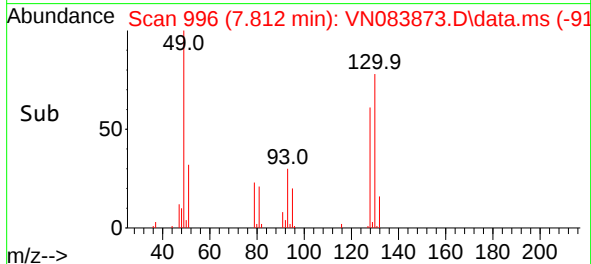
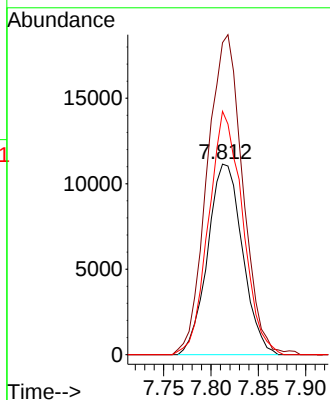
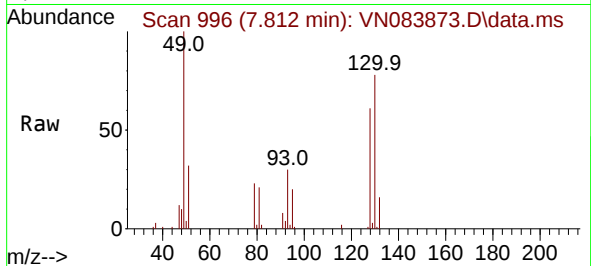




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083873.D
Acq: 13 Sep 2024 16:31

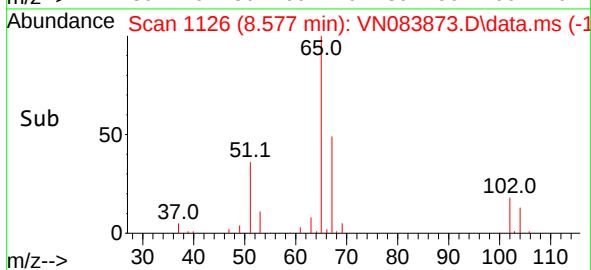
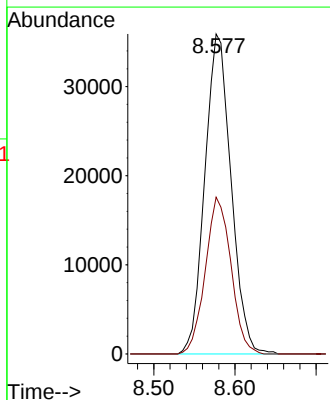
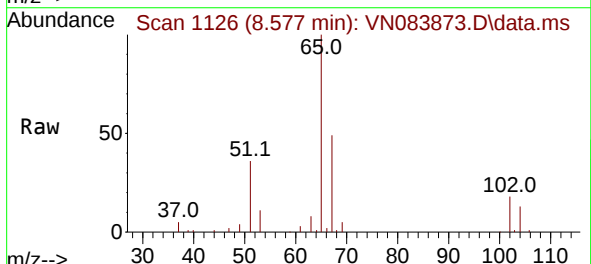
Instrument :
MSVOA_N
ClientSampleId :

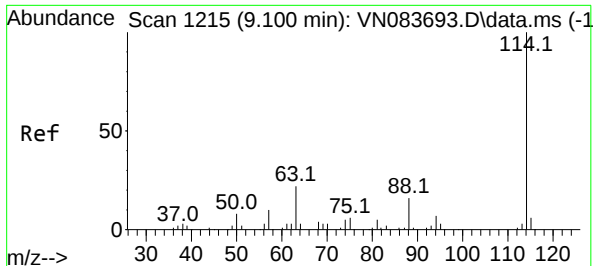
Tgt Ion:128 Resp: 28479
Ion Ratio Lower Upper
128 100
49 171.1 0.0 403.7
130 124.8 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 30.962 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083873.D
Acq: 13 Sep 2024 16:31

Tgt Ion: 65 Resp: 80599
Ion Ratio Lower Upper
65 100
67 47.9 43.2 64.8

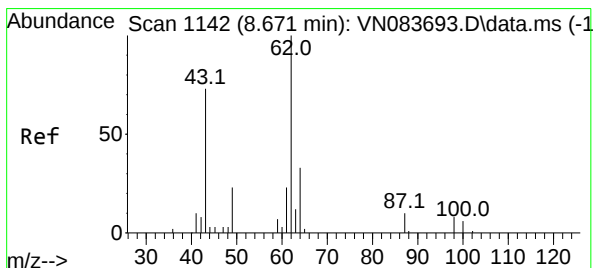
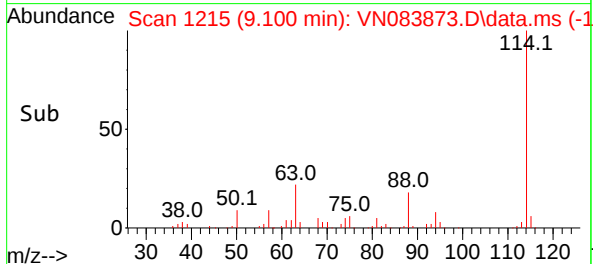
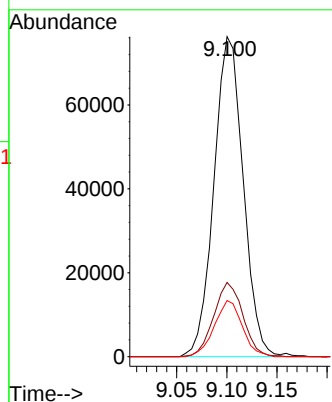
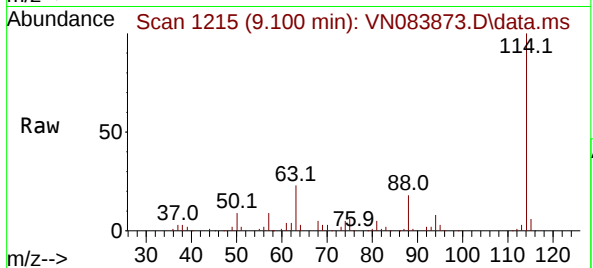




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 114
 Delta R.T. 0.000 min
 Lab File: VN083873.D
 Acq: 13 Sep 2024 16:31

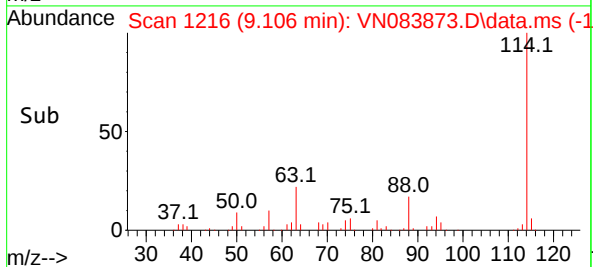
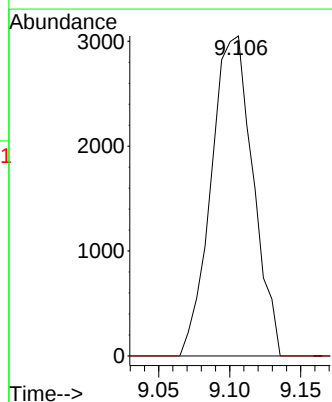
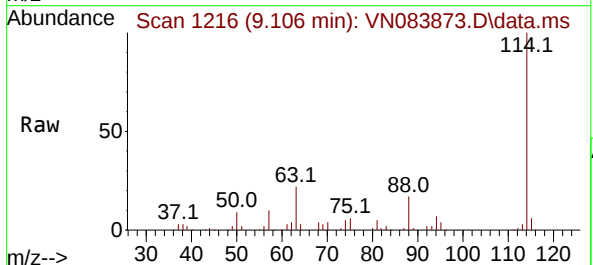
Instrument :
 MSVOA_N
 ClientSampleId :

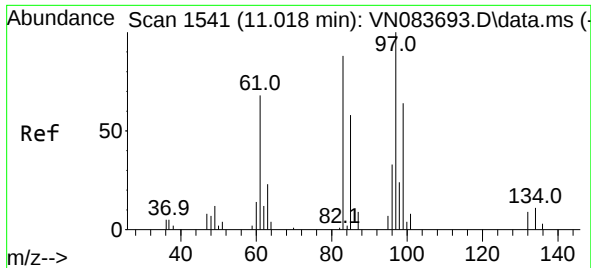
Tgt Ion:114 Resp: 154832
 Ion Ratio Lower Upper
 114 100
 63 23.1 15.9 23.9
 88 16.8 12.7 19.1



#36
 1,2-Dichloroethane
 Concen: 2.253 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.435 min
 Lab File: VN083873.D
 Acq: 13 Sep 2024 16:31

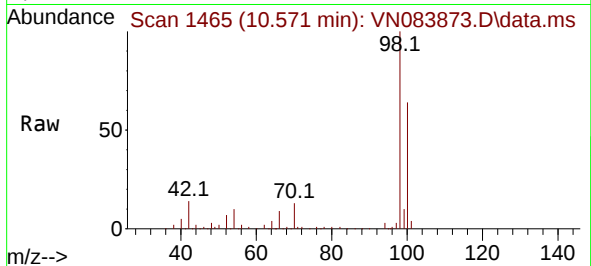
Tgt Ion: 62 Resp: 6242
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#



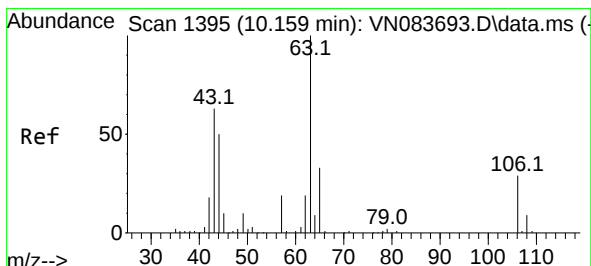
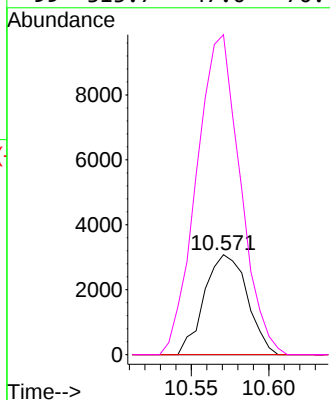
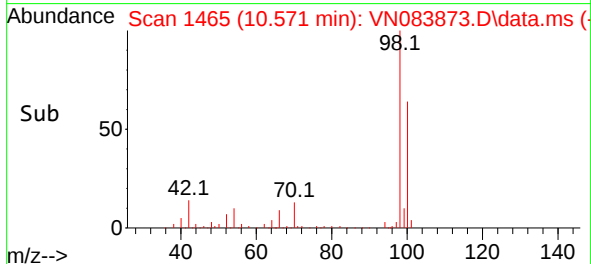


#50
1,1,2-Trichloroethane
Concen: 3.591 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.447 min
Lab File: VN083873.D
Acq: 13 Sep 2024 16:31

Instrument :
MSVOA_N
ClientSampleId :

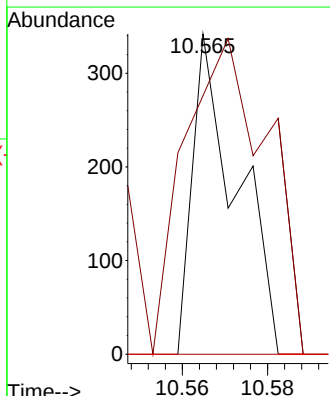
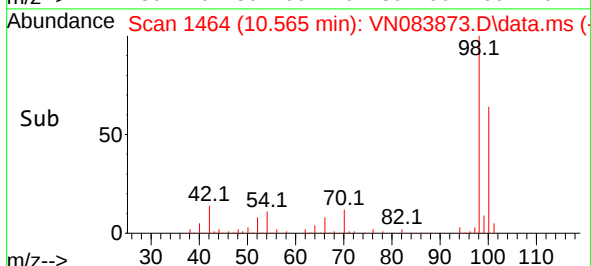
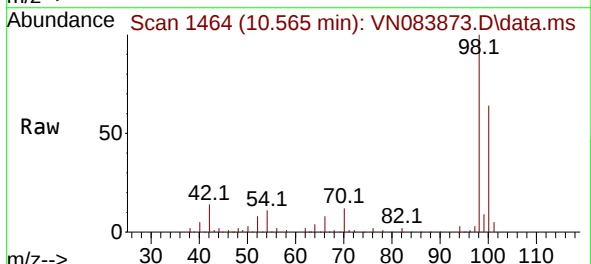


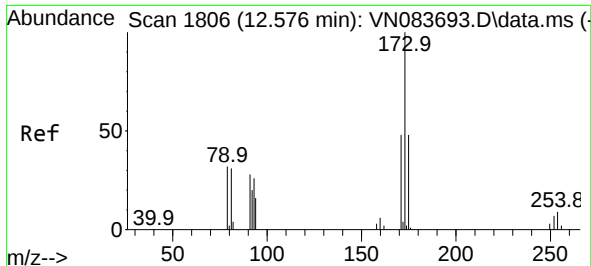
Tgt Ion: 97 Resp: 5926
Ion Ratio Lower Upper
97 100
83 0.0 68.1 102.1#
85 0.0 41.8 62.6#
99 313.7 47.0 70.4#



#55
2-Chloroethyl vinyl ether
Concen: 0.220 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.406 min
Lab File: VN083873.D
Acq: 13 Sep 2024 16:31

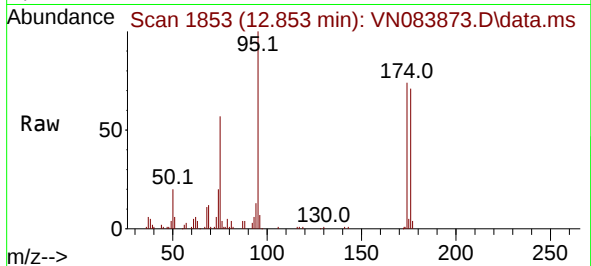
Tgt Ion: 63 Resp: 247
Ion Ratio Lower Upper
63 100
65 184.6 26.2 39.2#
106 0.0 23.8 35.8#



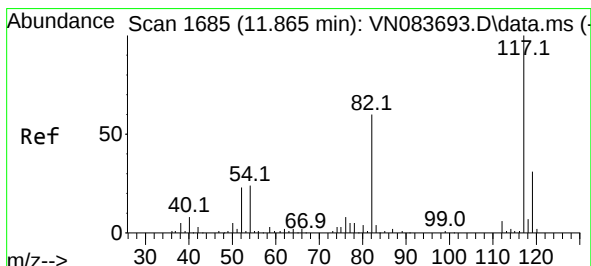
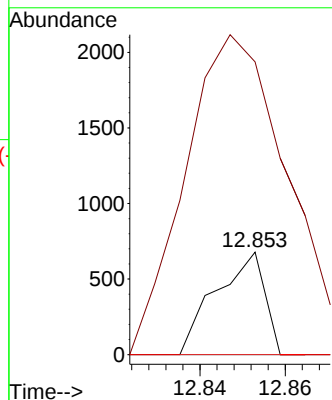
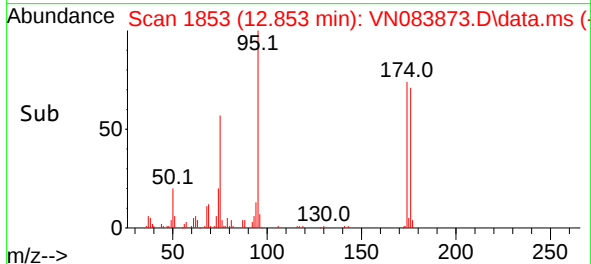


#56
Bromoform
Concen: 0.430 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.277 min
Lab File: VN083873.D
Acq: 13 Sep 2024 16:31

Instrument :
MSVOA_N
ClientSampleId :

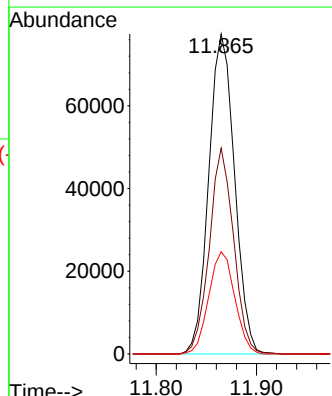
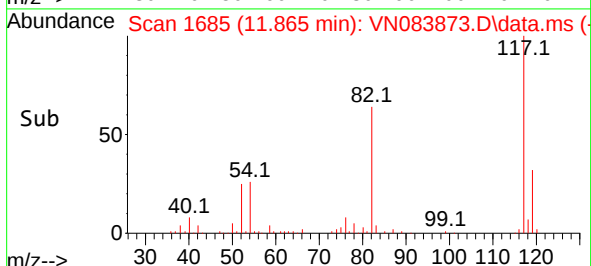
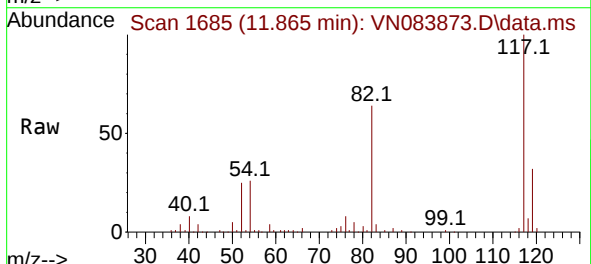


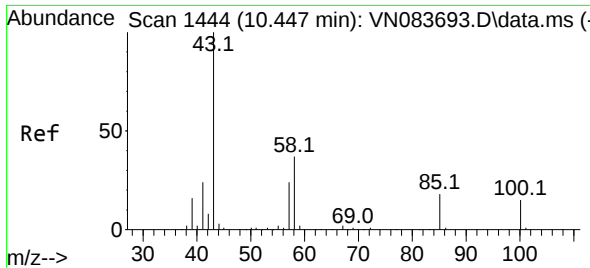
Tgt Ion:173 Resp: 541
Ion Ratio Lower Upper
173 100
175 647.3 40.0 60.0#
254 0.0 8.3 12.5#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083873.D
Acq: 13 Sep 2024 16:31

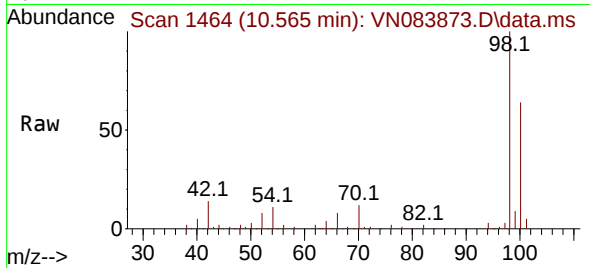
Tgt Ion:117 Resp: 138193
Ion Ratio Lower Upper
117 100
82 60.6 46.6 69.8
119 32.2 25.4 38.2



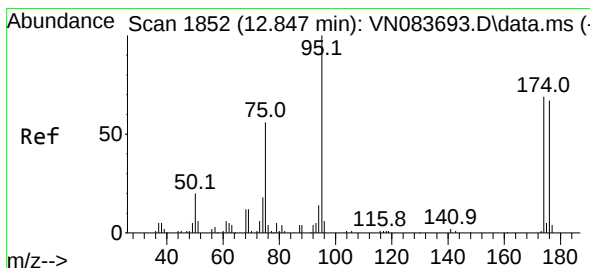
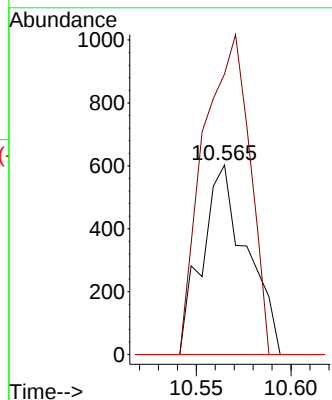
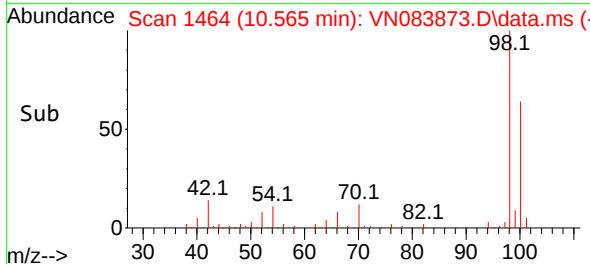


#58
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083873.D
Acq: 13 Sep 2024 16:31

Instrument :
MSVOA_N
ClientSampleId :

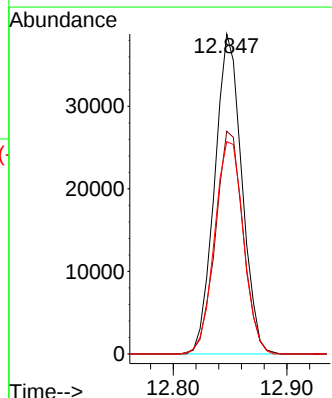
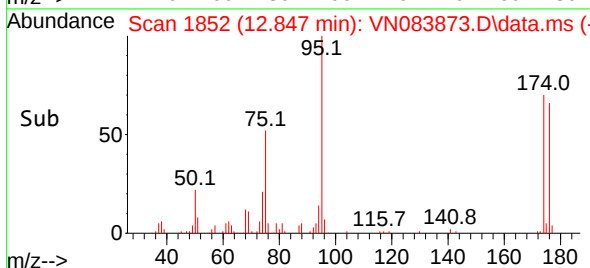
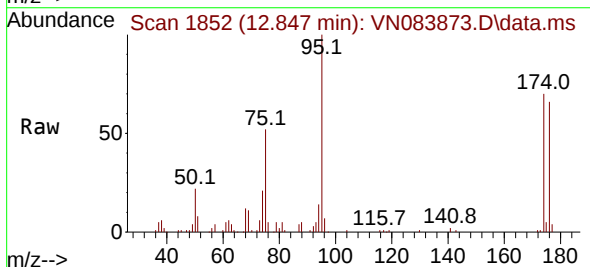


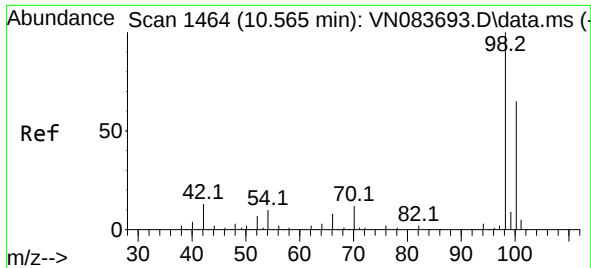
Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
58 174.5 36.5 54.7#
85 0.0 19.5 29.3#



#60
4-Bromofluorobenzene
Concen: 27.053 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083873.D
Acq: 13 Sep 2024 16:31

Tgt Ion: 95 Resp: 64433
Ion Ratio Lower Upper
95 100
174 70.8 60.5 90.7
176 70.6 57.8 86.6

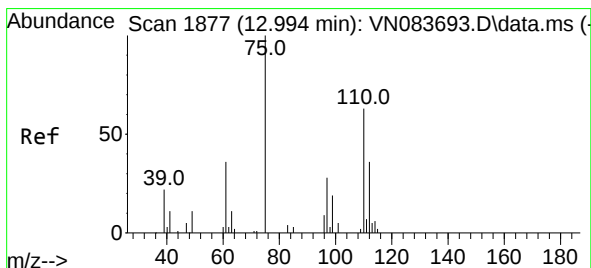
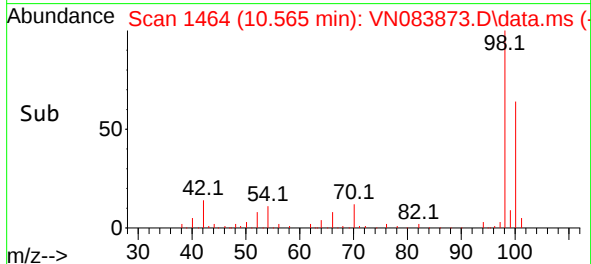
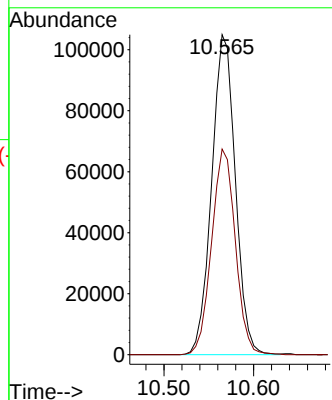
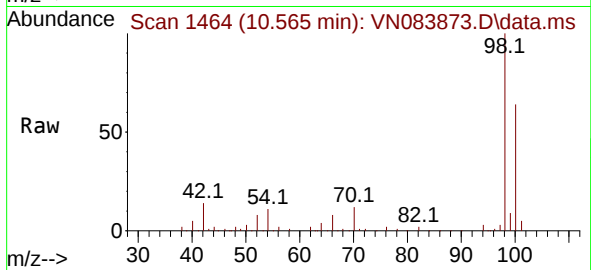




#63
Toluene-d8
Concen: 30.023 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083873.D
Acq: 13 Sep 2024 16:31

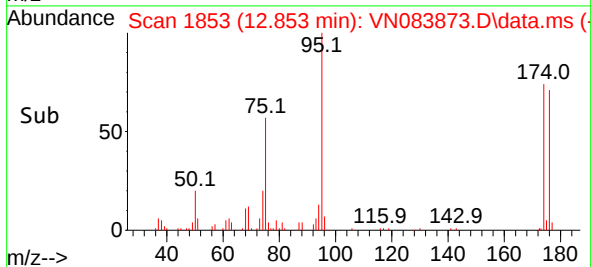
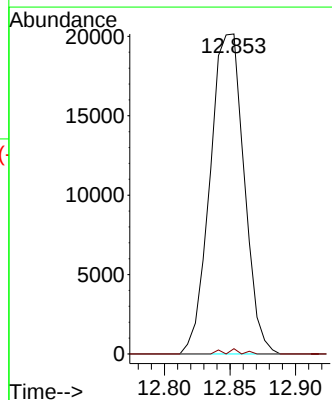
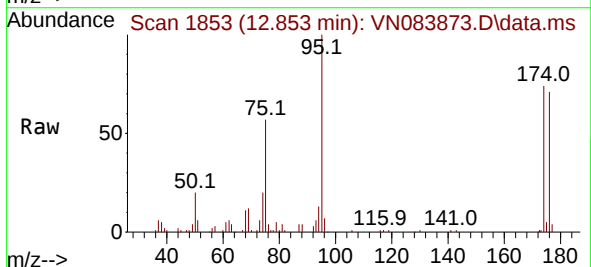
Instrument :
MSVOA_N
ClientSampleId :

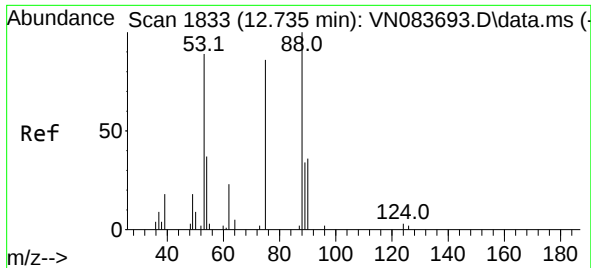
Tgt Ion: 98 Resp: 192112
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#72
1,2,3-Trichloropropane
Concen: 17.889 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083873.D
Acq: 13 Sep 2024 16:31

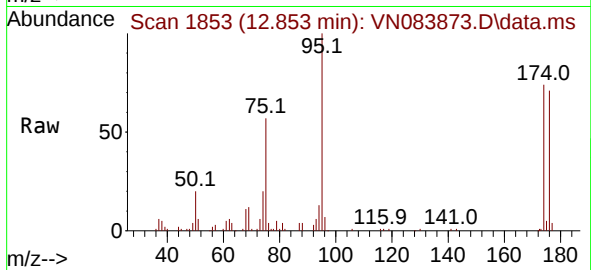
Tgt Ion: 75 Resp: 36360
Ion Ratio Lower Upper
75 100
77 0.3 0.0 367.6





#77
 t-1,4-Dichloro-2-butene
 Concen: 42.322 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.118 min
 Lab File: VN083873.D
 Acq: 13 Sep 2024 16:31

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 36360
 Ion Ratio Lower Upper
 75 100
 53 0.0 45.9 137.7#
 89 0.0 25.9 77.7#

