

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084515.D
 Acq On : 25 Oct 2024 14:51
 Operator : JC\MD
 Sample : P4549-03 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-068-IDWGW-20241024

Quant Time: Oct 26 05:30:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

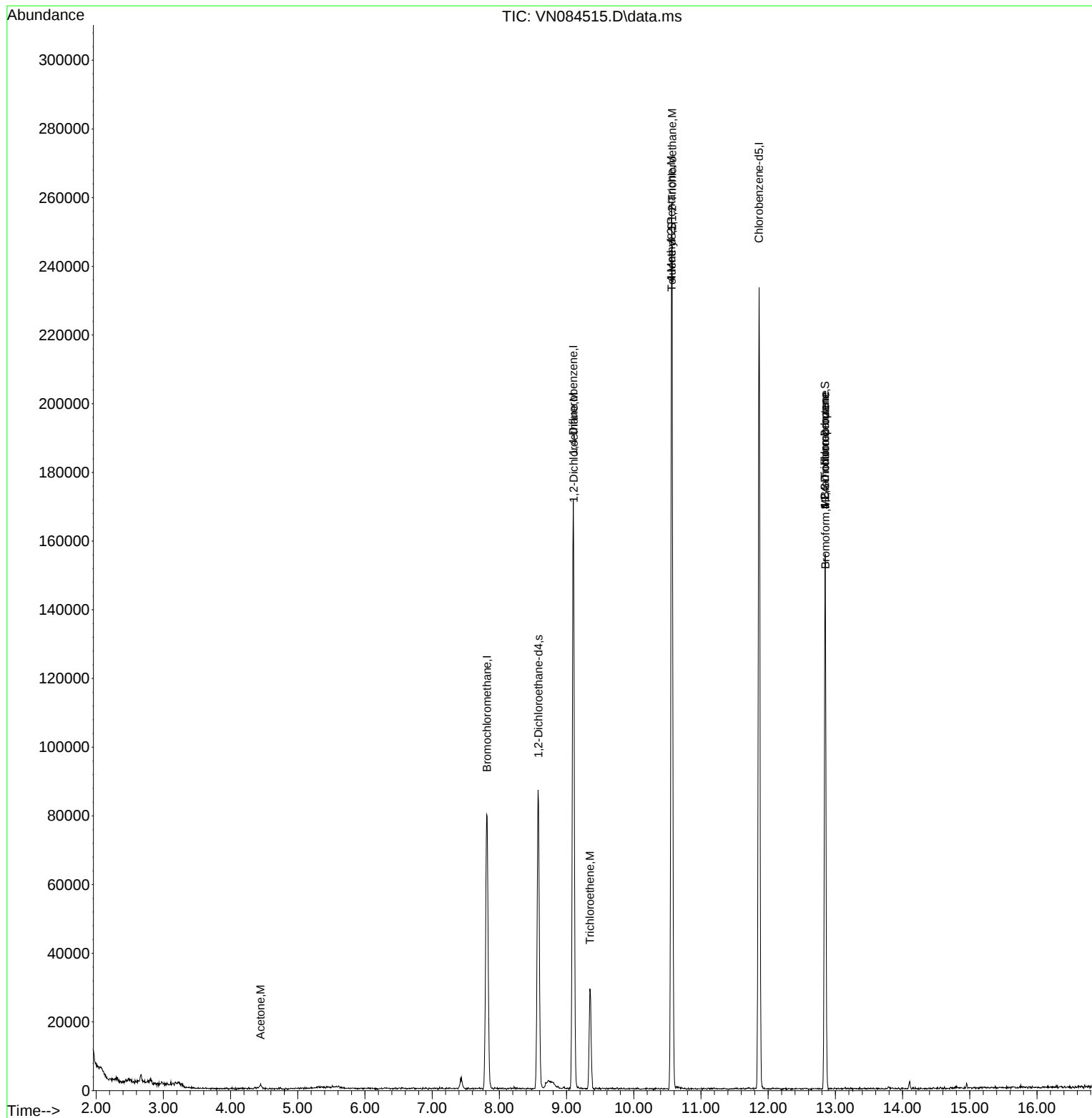
Internal Standards						
1) Bromochloromethane	7.818	128	29141	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	145814	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	133742	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	72625	30.955	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.200%
60) 4-Bromofluorobenzene	12.847	95	54509	24.695	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.300%
63) Toluene-d8	10.565	98	177237	28.606	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.367%
Target Compounds						
					Qvalue	
15) Acetone	4.447	58	264	0.906	ug/l #	1
36) 1,2-Dichloroethane	9.106	62	5457	2.185	ug/l #	75
37) Trichloroethene	9.347	130	10865	6.297	ug/l	93
50) 1,1,2-Trichloroethane	10.571	97	5758	3.355	ug/l #	1
56) Bromoform	12.853	173	465	0.346	ug/l #	1
58) 4-Methyl-2-Pentanone	10.559	43	528	0.212	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	28422	13.510	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	28422	31.616	ug/l #	12

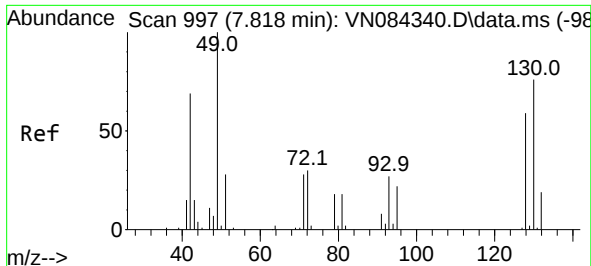
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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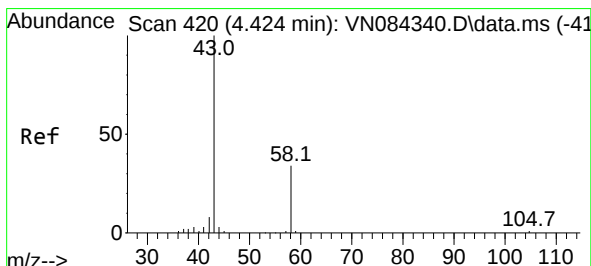
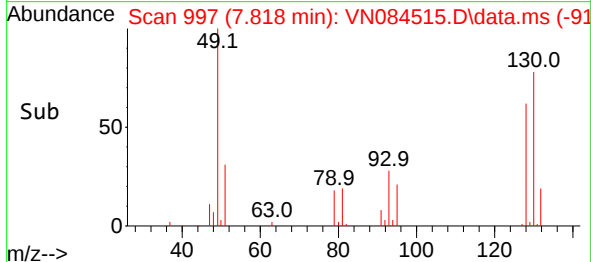
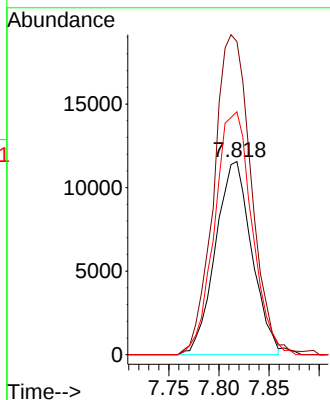
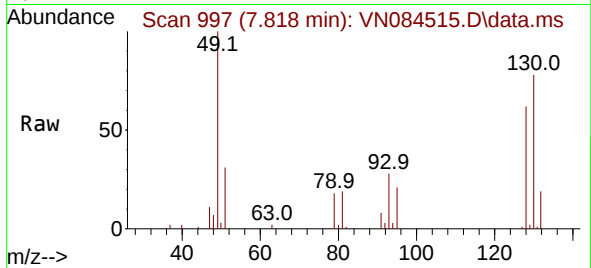




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN084515.D
Acq: 25 Oct 2024 14:51

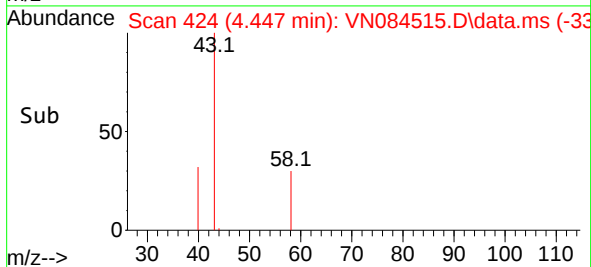
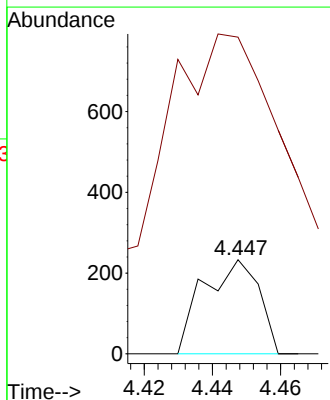
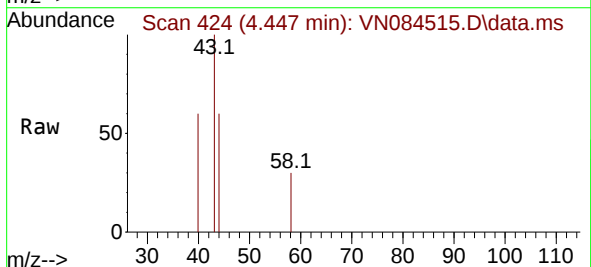
Instrument :
MSVOA_N
ClientSampleId :
TT-068-IDWGW-20241024

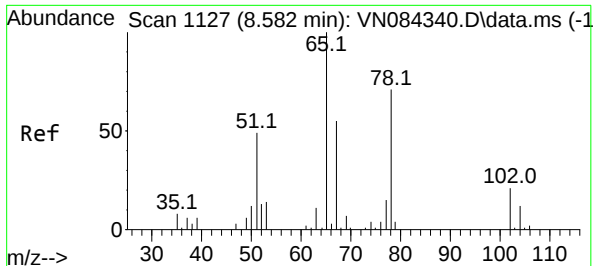
Tgt Ion:128 Resp: 29141
Ion Ratio Lower Upper
128 100
49 170.2 0.0 430.0
130 129.3 0.0 329.8



#15
Acetone
Concen: 0.906 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN084515.D
Acq: 25 Oct 2024 14:51

Tgt Ion: 58 Resp: 264
Ion Ratio Lower Upper
58 100
43 98.7 237.5 356.3#





#27

1,2-Dichloroethane-d4

Concen: 30.955 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN084515.D

Acq: 25 Oct 2024 14:51

Instrument :

MSVOA_N

ClientSampleId :

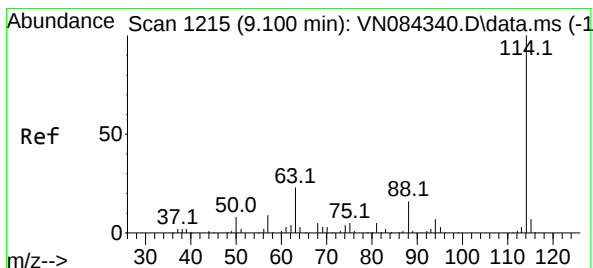
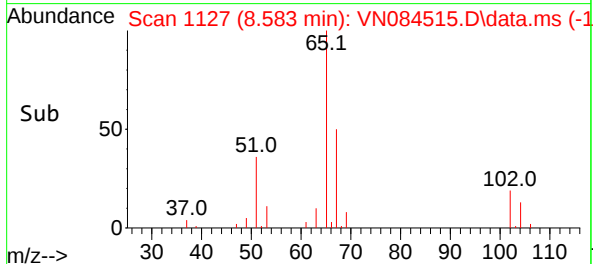
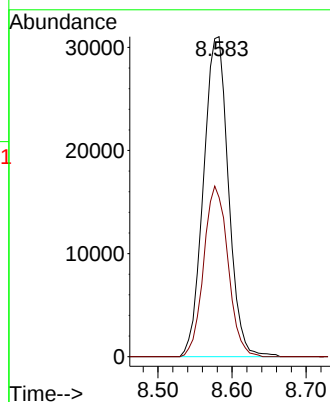
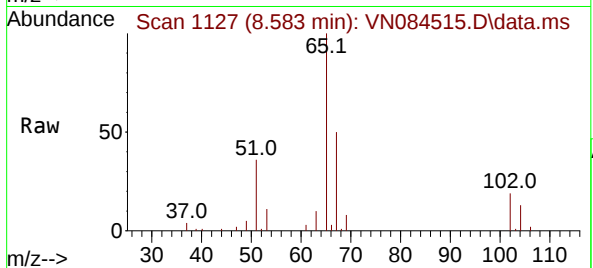
TT-068-IDWGW-20241024

Tgt Ion: 65 Resp: 72625

Ion Ratio Lower Upper

65 100

67 52.0 41.5 62.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084515.D

Acq: 25 Oct 2024 14:51

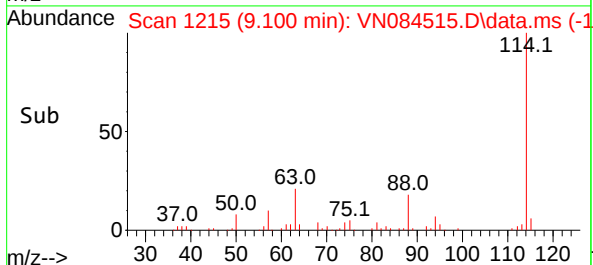
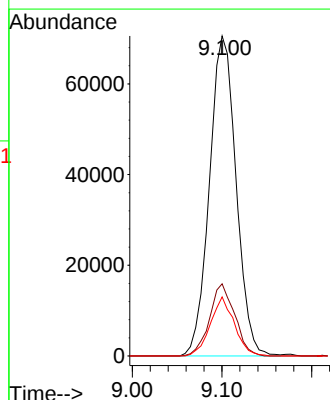
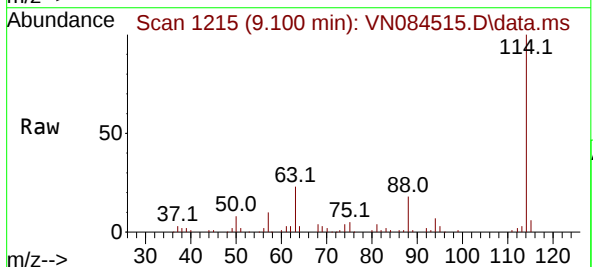
Tgt Ion: 114 Resp: 145814

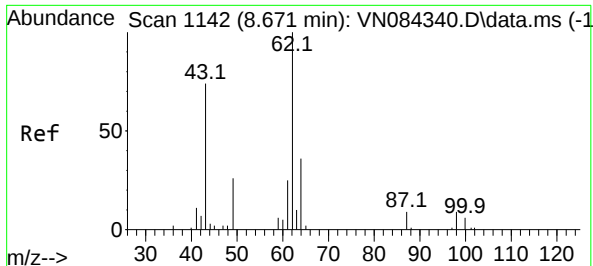
Ion Ratio Lower Upper

114 100

63 21.2 17.4 26.0

88 16.6 13.2 19.8

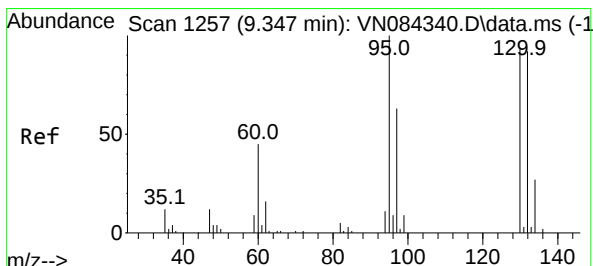
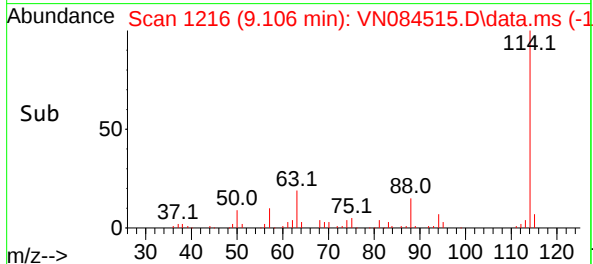
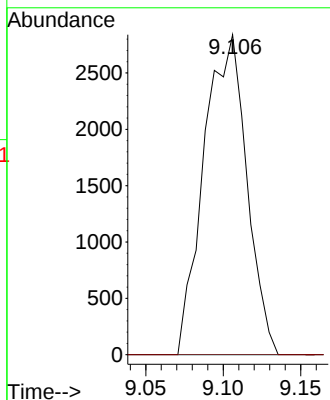
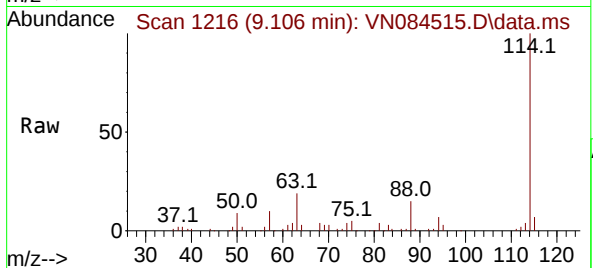




#36
1,2-Dichloroethane
Concen: 2.185 ug/l
RT: 9.106 min Scan# 1142
Delta R.T. 0.435 min
Lab File: VN084515.D
Acq: 25 Oct 2024 14:51

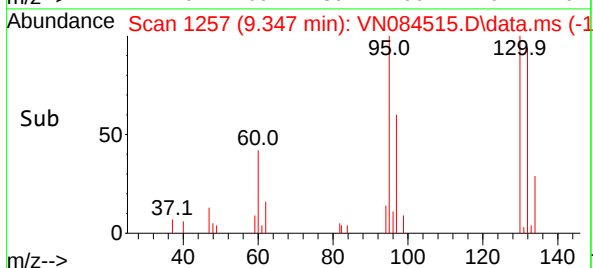
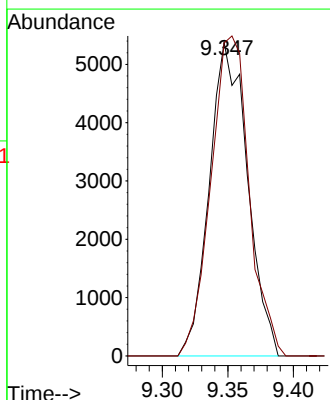
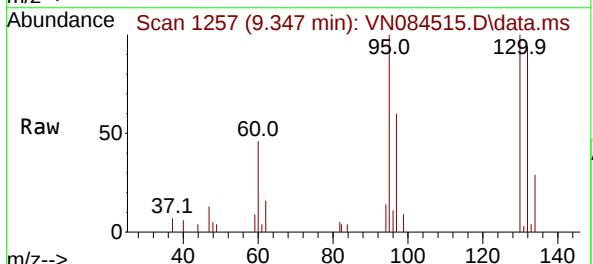
Instrument :
MSVOA_N
ClientSampleId :
TT-068-IDWGW-20241024

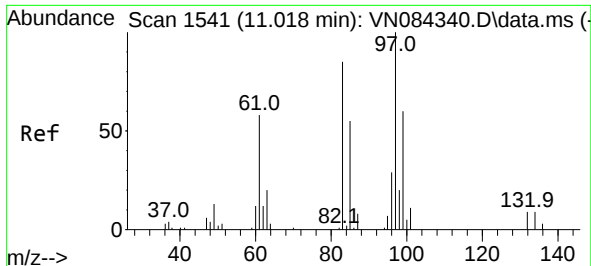
Tgt Ion: 62 Resp: 5457
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#37
Trichloroethene
Concen: 6.297 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084515.D
Acq: 25 Oct 2024 14:51

Tgt Ion:130 Resp: 10865
Ion Ratio Lower Upper
130 100
95 99.8 85.8 128.6

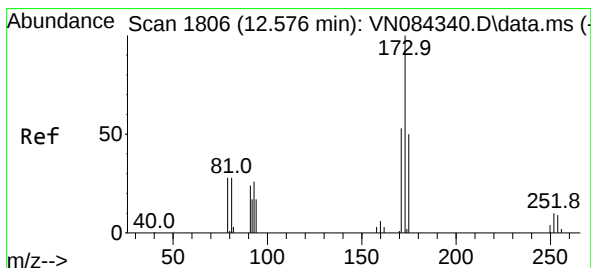
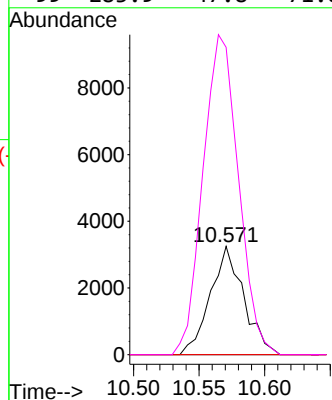
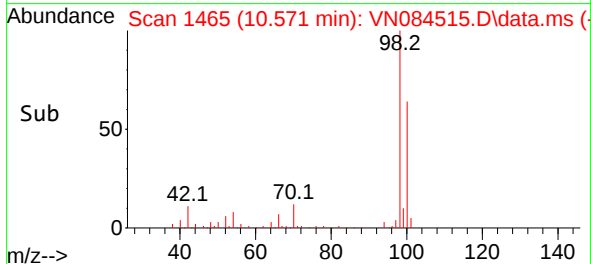
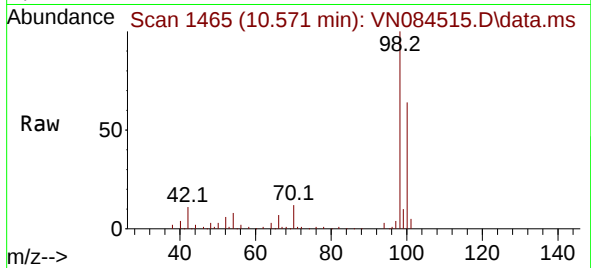




#50
1,1,2-Trichloroethane
Concen: 3.355 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.447 min
Lab File: VN084515.D
Acq: 25 Oct 2024 14:51

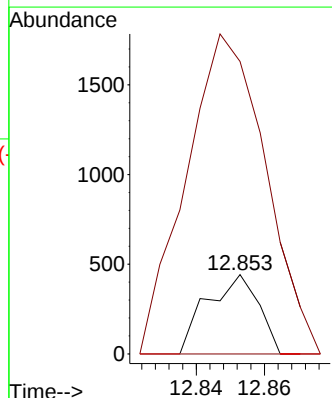
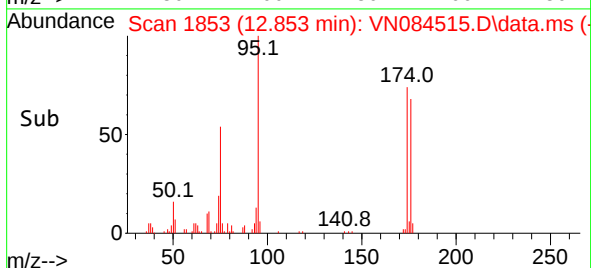
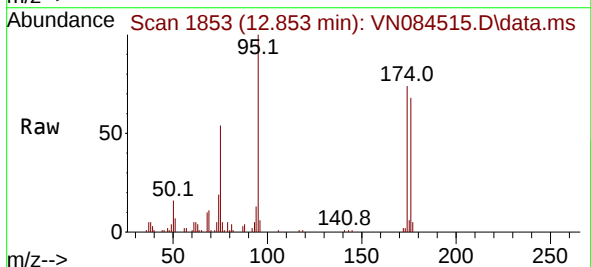
Instrument :
MSVOA_N
ClientSampleId :
TT-068-IDWGW-20241024

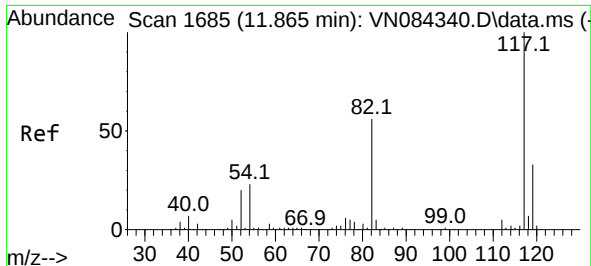
Tgt Ion: 97 Resp: 5758
Ion Ratio Lower Upper
97 100
83 0.0 67.8 101.8#
85 0.0 44.2 66.2#
99 283.9 47.8 71.8#



#56
Bromoform
Concen: 0.346 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.277 min
Lab File: VN084515.D
Acq: 25 Oct 2024 14:51

Tgt Ion:173 Resp: 465
Ion Ratio Lower Upper
173 100
175 622.6 39.4 59.2#
254 0.0 6.8 10.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084515.D

Acq: 25 Oct 2024 14:51

Instrument :

MSVOA_N

ClientSampleId :

TT-068-IDWGW-20241024

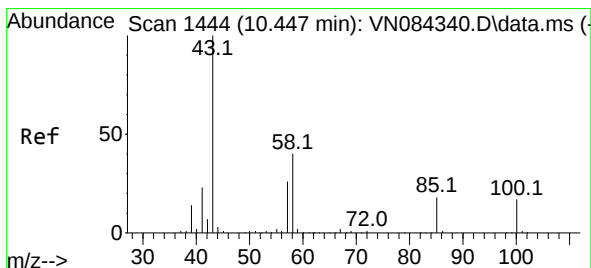
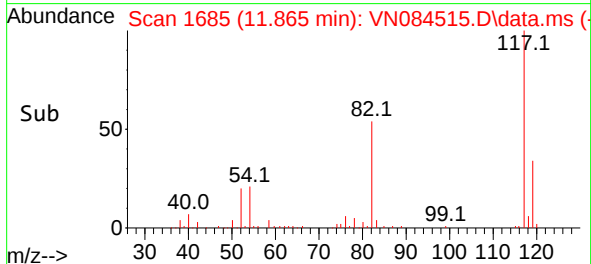
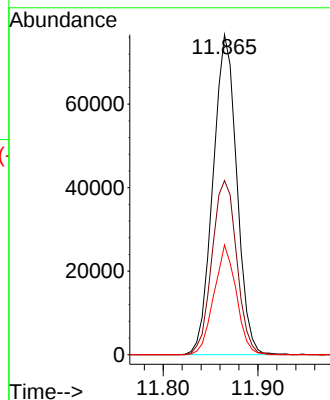
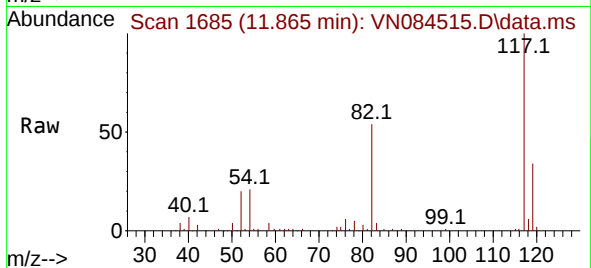
Tgt Ion:117 Resp: 133742

Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 32.2 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 0.212 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.112 min

Lab File: VN084515.D

Acq: 25 Oct 2024 14:51

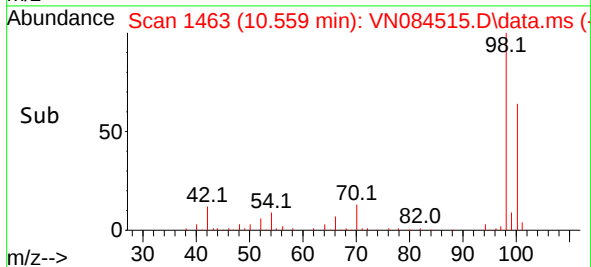
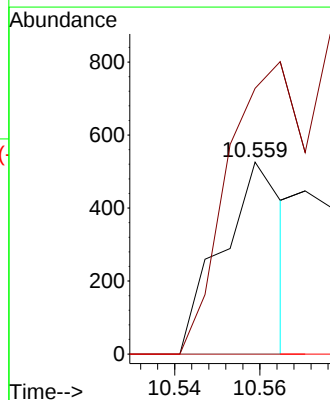
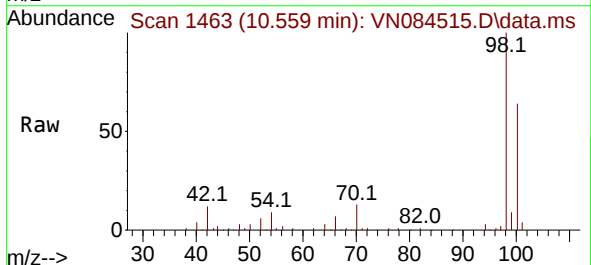
Tgt Ion: 43 Resp: 528

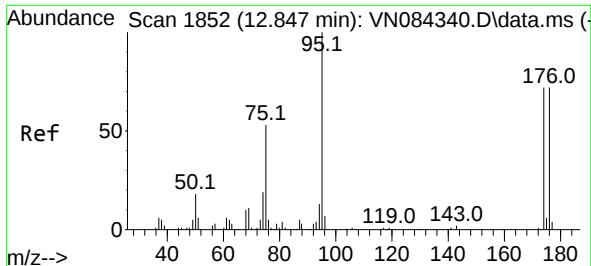
Ion Ratio Lower Upper

43 100

58 188.4 31.9 47.9#

85 0.0 14.6 22.0#

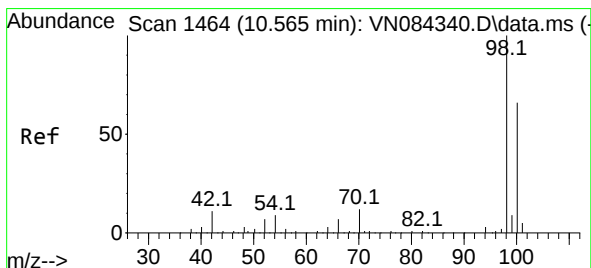
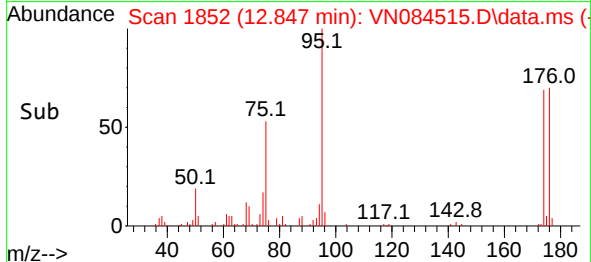
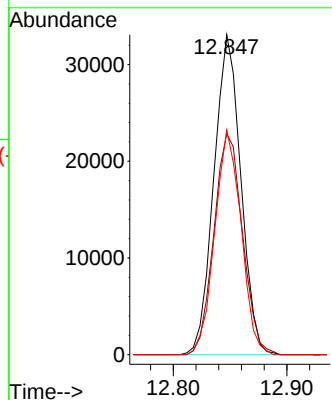
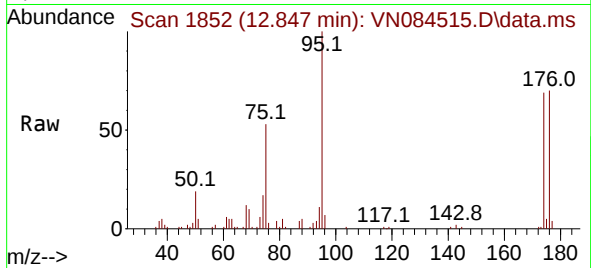




#60
4-Bromofluorobenzene
Concen: 24.695 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084515.D
Acq: 25 Oct 2024 14:51

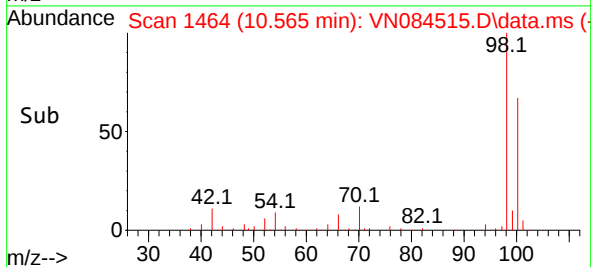
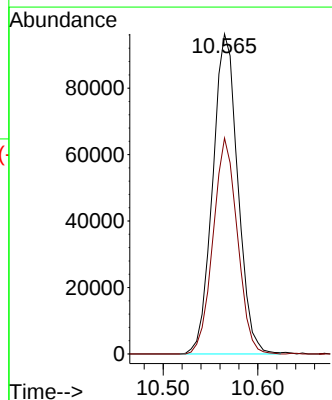
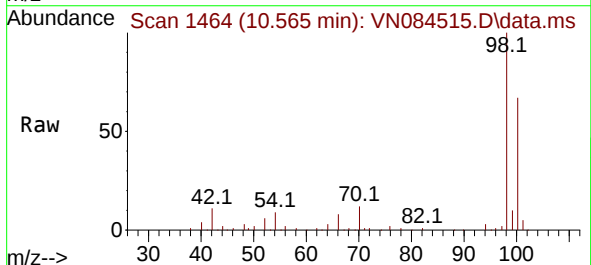
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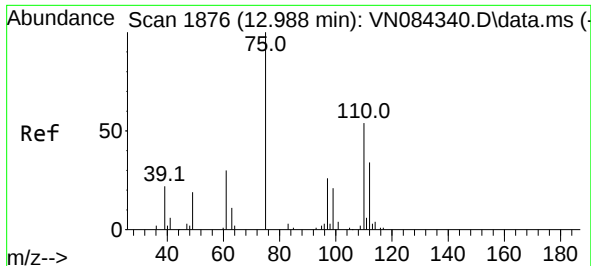
Tgt Ion: 95 Resp: 54509
Ion Ratio Lower Upper
95 100
174 73.4 58.2 87.2
176 68.5 56.4 84.6



#63
Toluene-d8
Concen: 28.606 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084515.D
Acq: 25 Oct 2024 14:51

Tgt Ion: 98 Resp: 177237
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

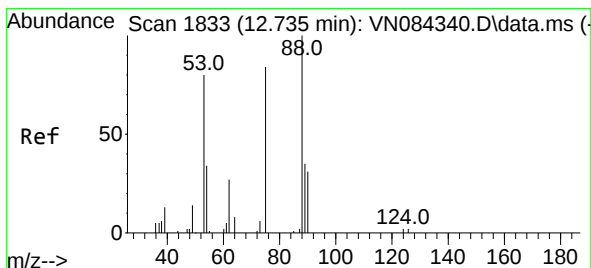
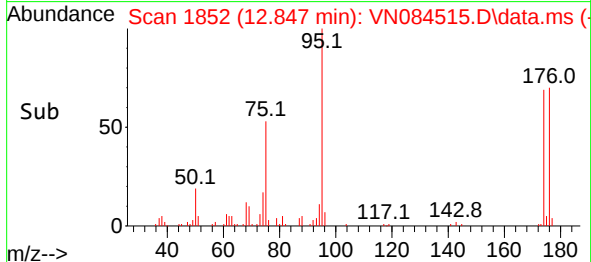
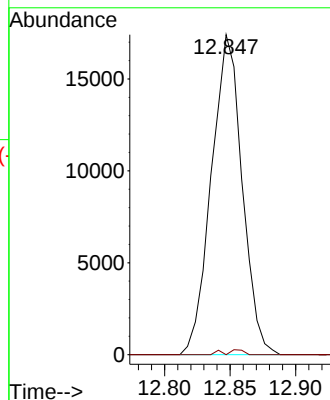
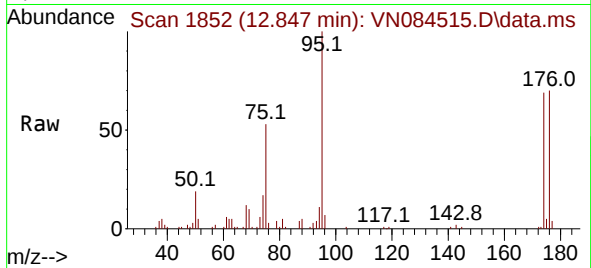




#72
1,2,3-Trichloropropane
Concen: 13.510 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084515.D
Acq: 25 Oct 2024 14:51

Instrument : MSVOA_N
ClientSampleId : TT-068-IDWGW-20241024

Tgt Ion: 75 Resp: 28422
Ion Ratio Lower Upper
75 100
77 0.6 0.0 414.0



#77
t-1,4-Dichloro-2-butene
Concen: 31.616 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084515.D
Acq: 25 Oct 2024 14:51

Tgt Ion: 75 Resp: 28422
Ion Ratio Lower Upper
75 100
53 0.0 47.3 142.0#
89 0.0 22.9 68.8#

