

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084463.D
 Acq On : 22 Oct 2024 18:46
 Operator : JC\MD
 Sample : P4460-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WB-303-BOT

Quant Time: Oct 23 01:32:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

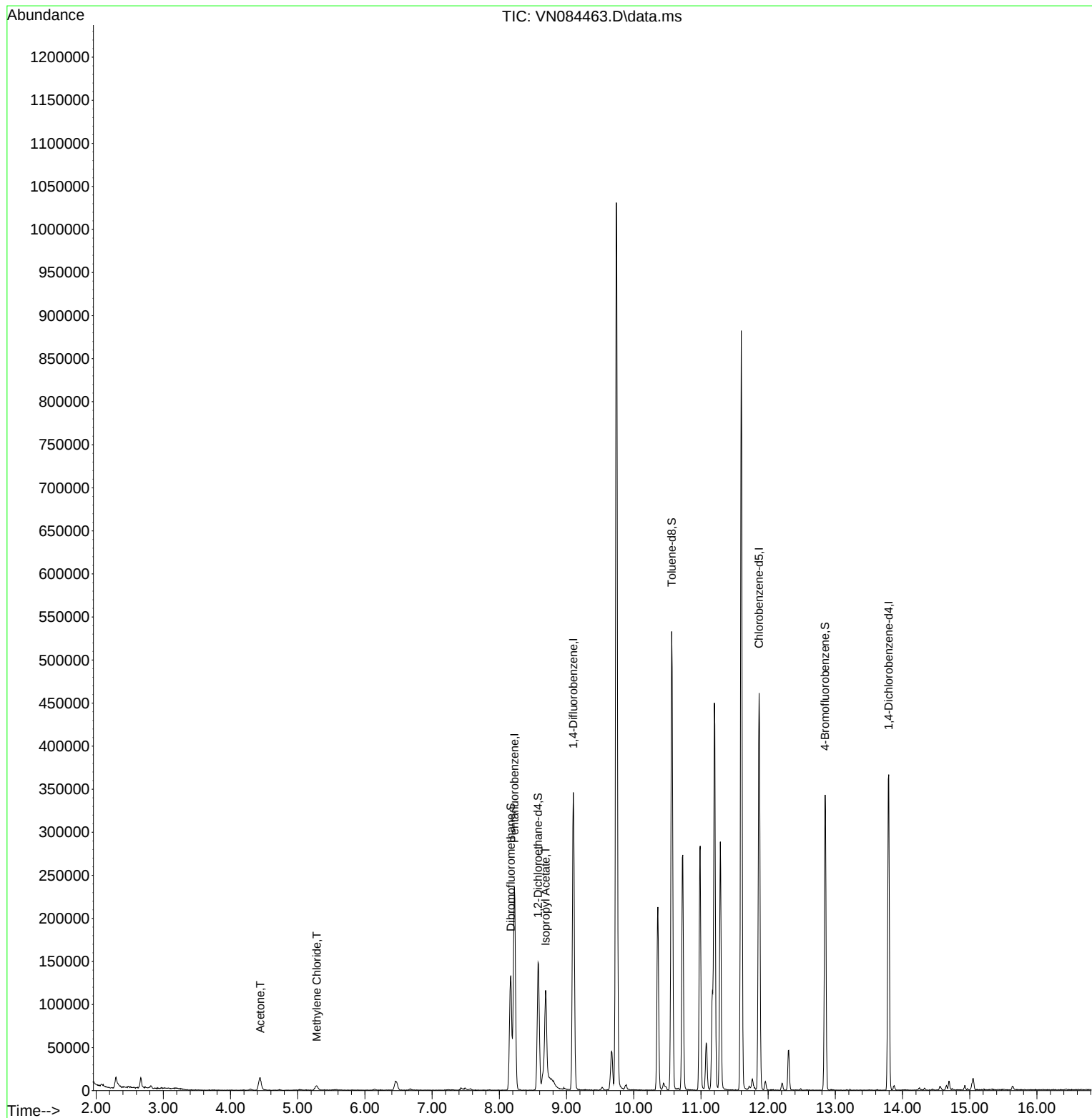
Internal Standards						
1) Pentafluorobenzene	8.224	168	163501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120367	49.652	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.300%
35) Dibromofluoromethane	8.171	113	97567	49.633	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.260%
50) Toluene-d8	10.565	98	365187	50.494	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.847	95	119941	45.522	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.040%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	27887	26.779	ug/l	94
20) Methylene Chloride	5.283	84	4490	2.121	ug/l #	66
43) Isopropyl Acetate	8.688	43	154605	26.945	ug/l #	83

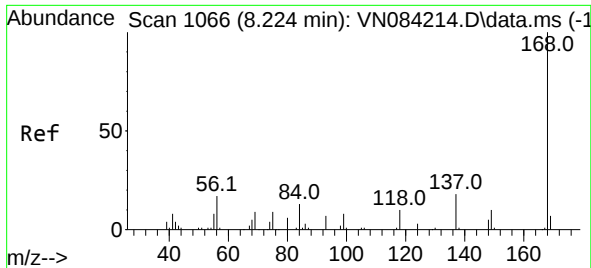
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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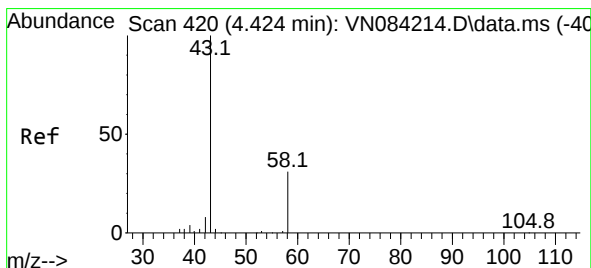
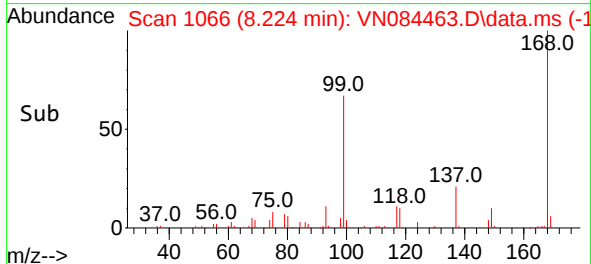
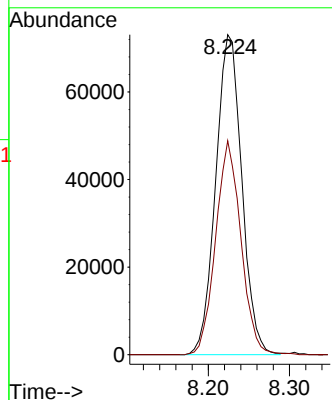
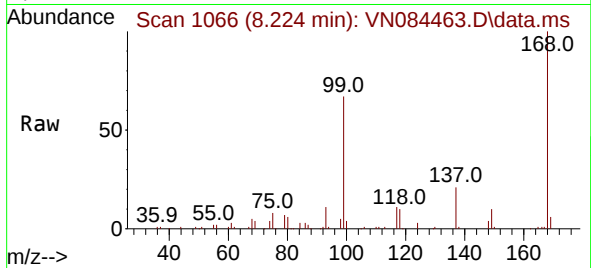




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084463.D
Acq: 22 Oct 2024 18:46

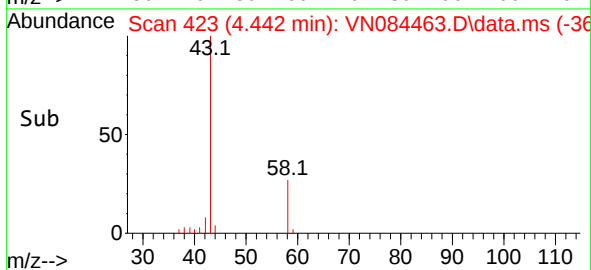
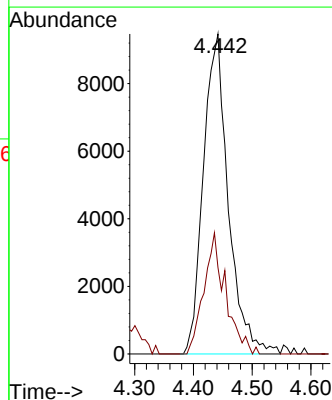
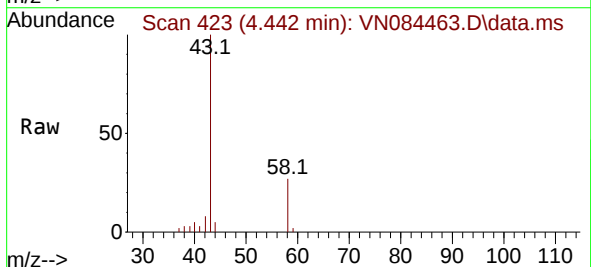
Instrument :
MSVOA_N
ClientSampleId :
WB-303-BOT

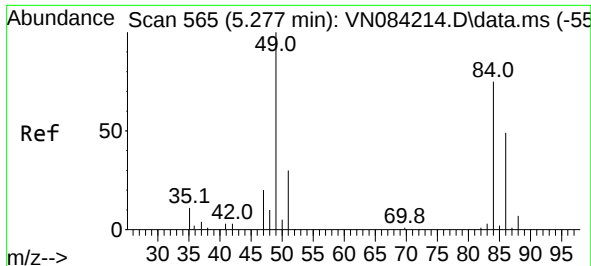
Tgt Ion:168 Resp: 163501
Ion Ratio Lower Upper
168 100
99 66.9 54.2 81.2



#16
Acetone
Concen: 26.779 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084463.D
Acq: 22 Oct 2024 18:46

Tgt Ion: 43 Resp: 27887
Ion Ratio Lower Upper
43 100
58 27.0 24.4 36.6

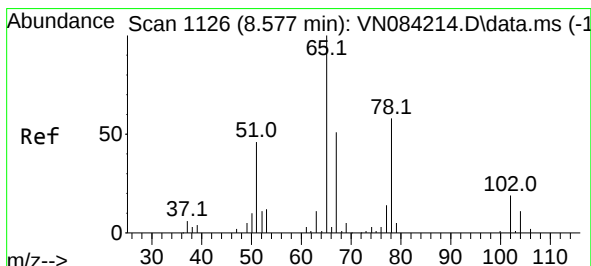
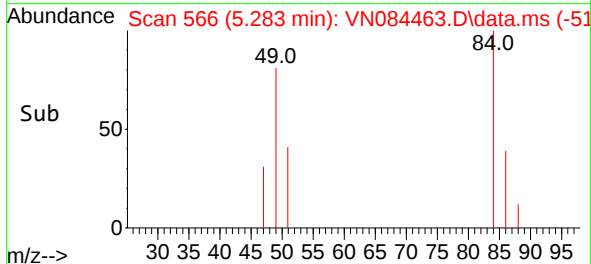
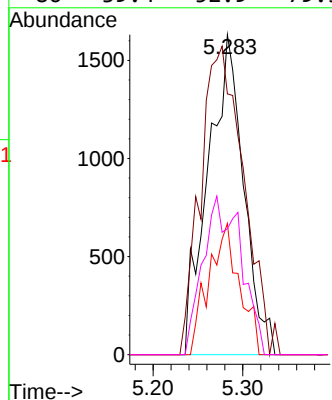
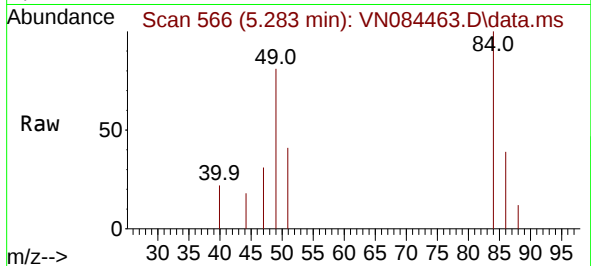




#20
Methylene Chloride
Concen: 2.121 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084463.D
Acq: 22 Oct 2024 18:46

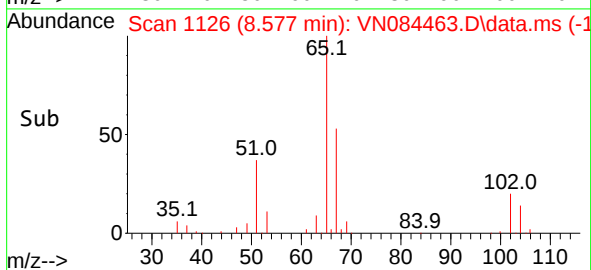
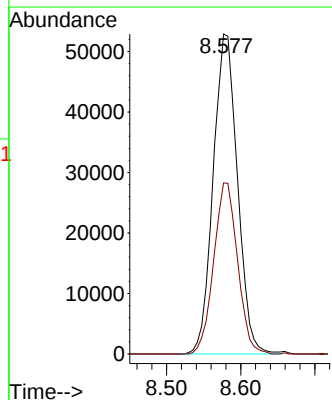
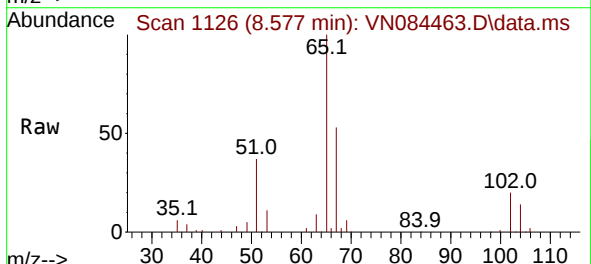
Instrument :
MSVOA_N
ClientSampleId :
WB-303-BOT

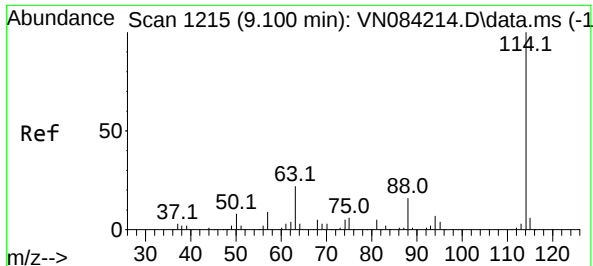
Tgt Ion: 84 Resp: 4490
Ion Ratio Lower Upper
84 100
49 81.5 107.2 160.8#
51 41.0 31.8 47.8
86 39.4 52.9 79.3#



#33
1,2-Dichloroethane-d4
Concen: 49.652 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084463.D
Acq: 22 Oct 2024 18:46

Tgt Ion: 65 Resp: 120367
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084463.D

Acq: 22 Oct 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

WB-303-BOT

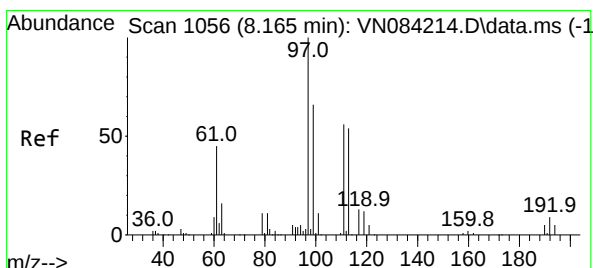
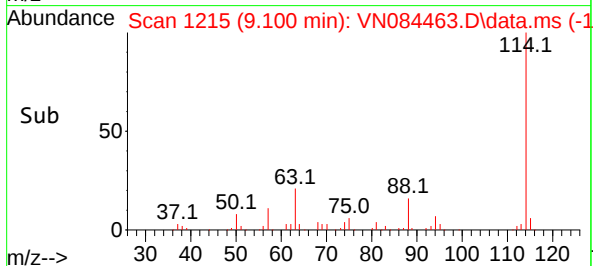
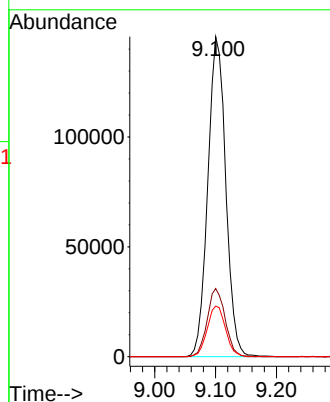
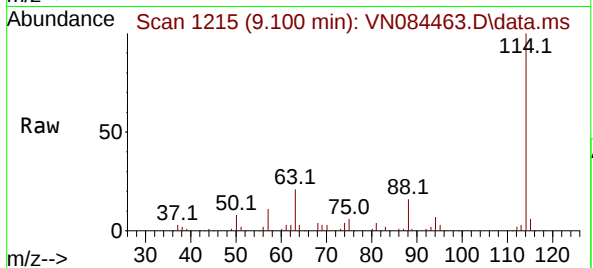
Tgt Ion:114 Resp: 298176

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.8

88 15.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.633 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN084463.D

Acq: 22 Oct 2024 18:46

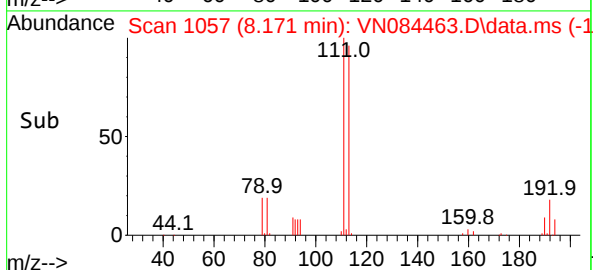
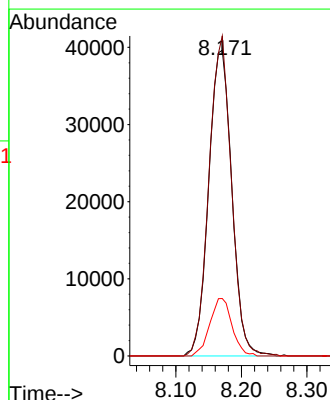
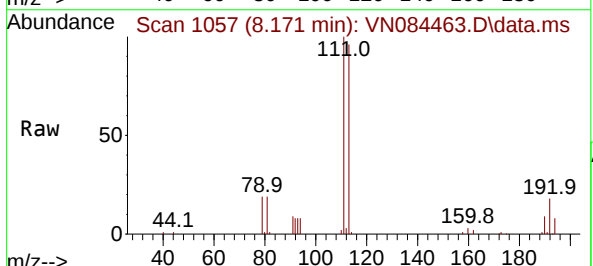
Tgt Ion:113 Resp: 97567

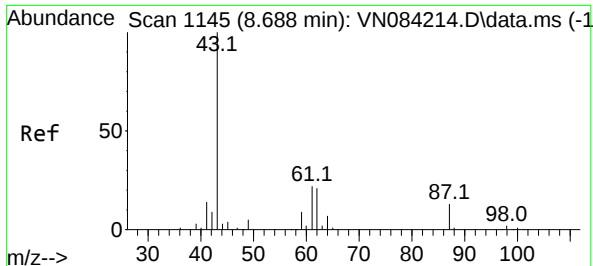
Ion Ratio Lower Upper

113 100

111 100.9 83.3 124.9

192 18.0 13.5 20.3

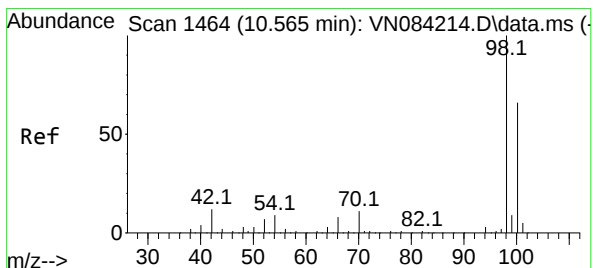
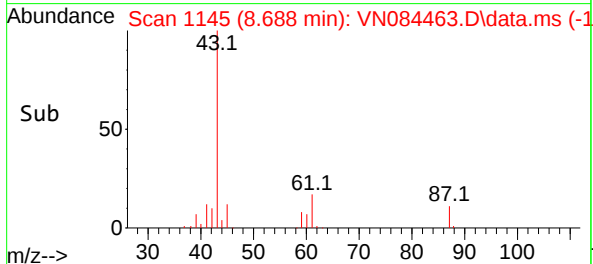
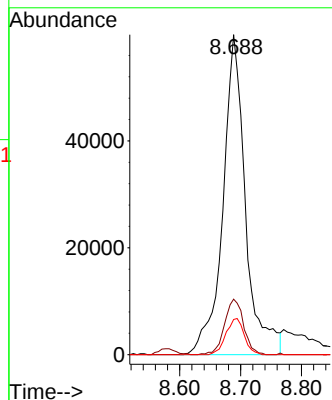
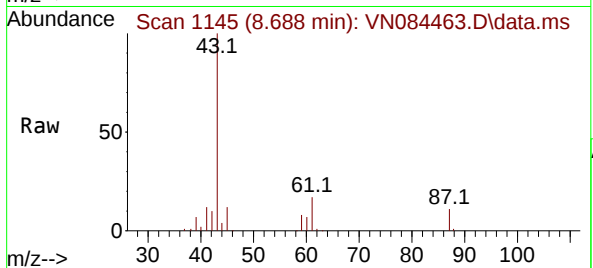




#43
Isopropyl Acetate
Concen: 26.945 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084463.D
Acq: 22 Oct 2024 18:46

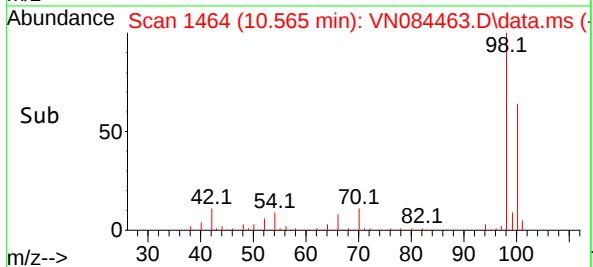
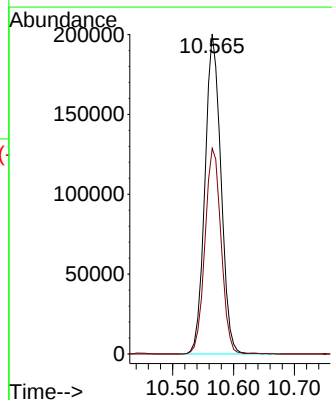
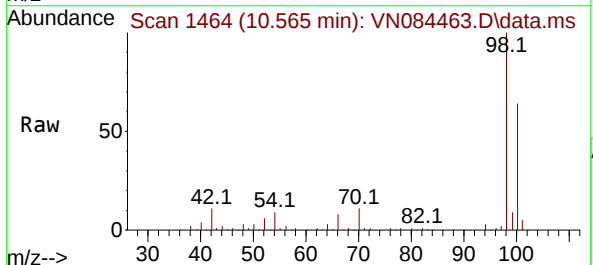
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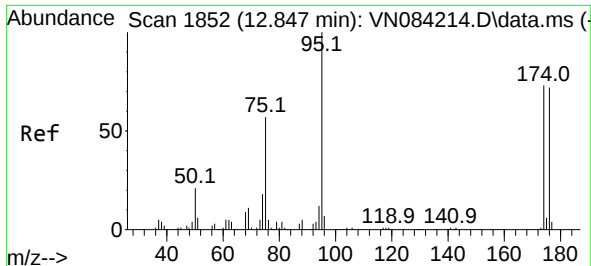
Tgt Ion: 43 Resp: 154605
Ion Ratio Lower Upper
43 100
61 14.7 20.4 30.6#
87 9.1 10.3 15.5#



#50
Toluene-d8
Concen: 50.494 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084463.D
Acq: 22 Oct 2024 18:46

Tgt Ion: 98 Resp: 365187
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 45.522 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084463.D

Acq: 22 Oct 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

WB-303-BOT

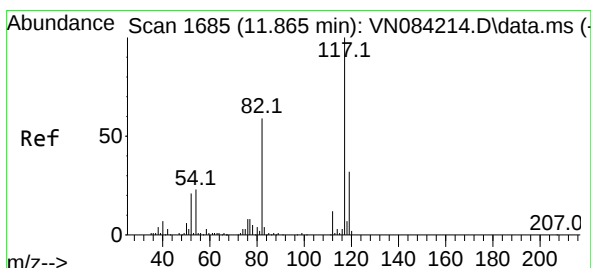
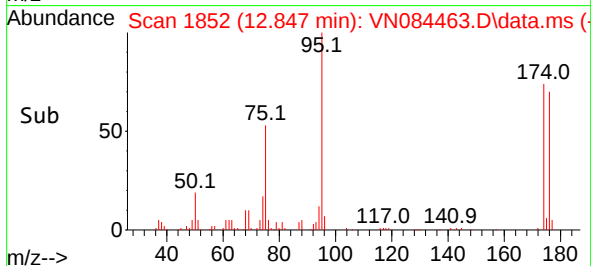
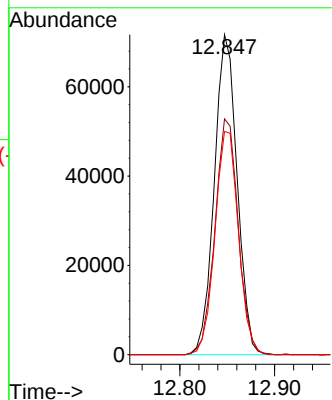
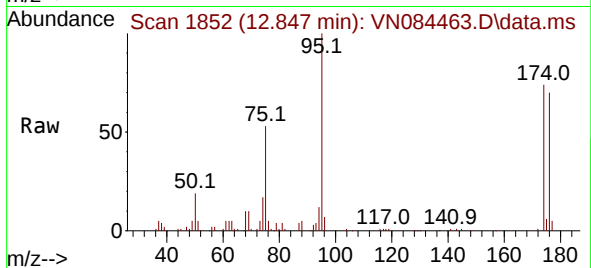
Tgt Ion: 95 Resp: 119941

Ion Ratio Lower Upper

95 100

174 75.3 0.0 145.2

176 71.7 0.0 140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN084463.D

Acq: 22 Oct 2024 18:46

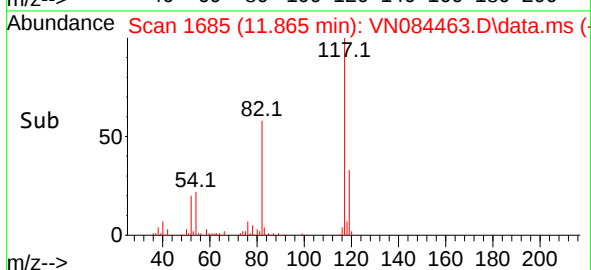
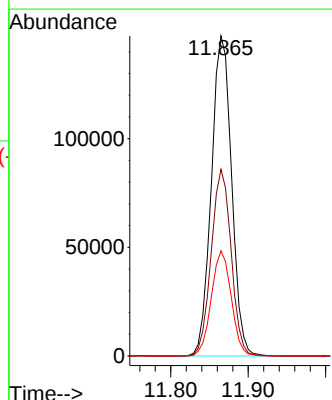
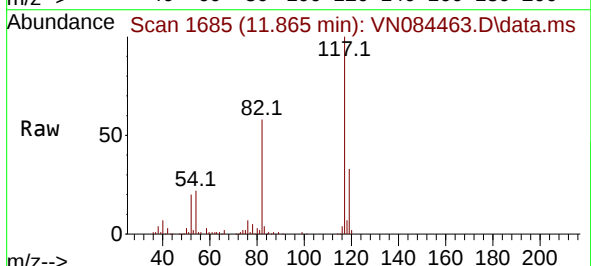
Tgt Ion: 117 Resp: 267301

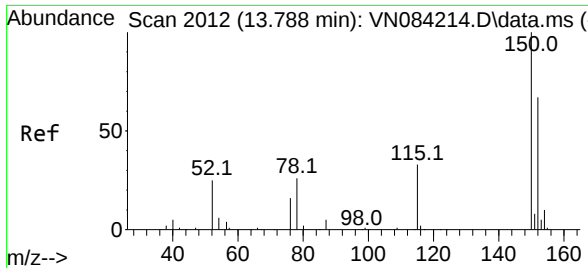
Ion Ratio Lower Upper

117 100

82 58.3 47.2 70.8

119 32.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084463.D
 Acq: 22 Oct 2024 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 WB-303-BOT

Tgt Ion:	152	Resp:	97626
Ion	Ratio	Lower	Upper
152	100		
115	65.0	31.3	93.9
150	160.3	0.0	349.8

