

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084067.D
 Acq On : 20 Sep 2024 13:56
 Operator : JC\MD
 Sample : P4093-02 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002

Quant Time: Sep 20 23:26:03 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)

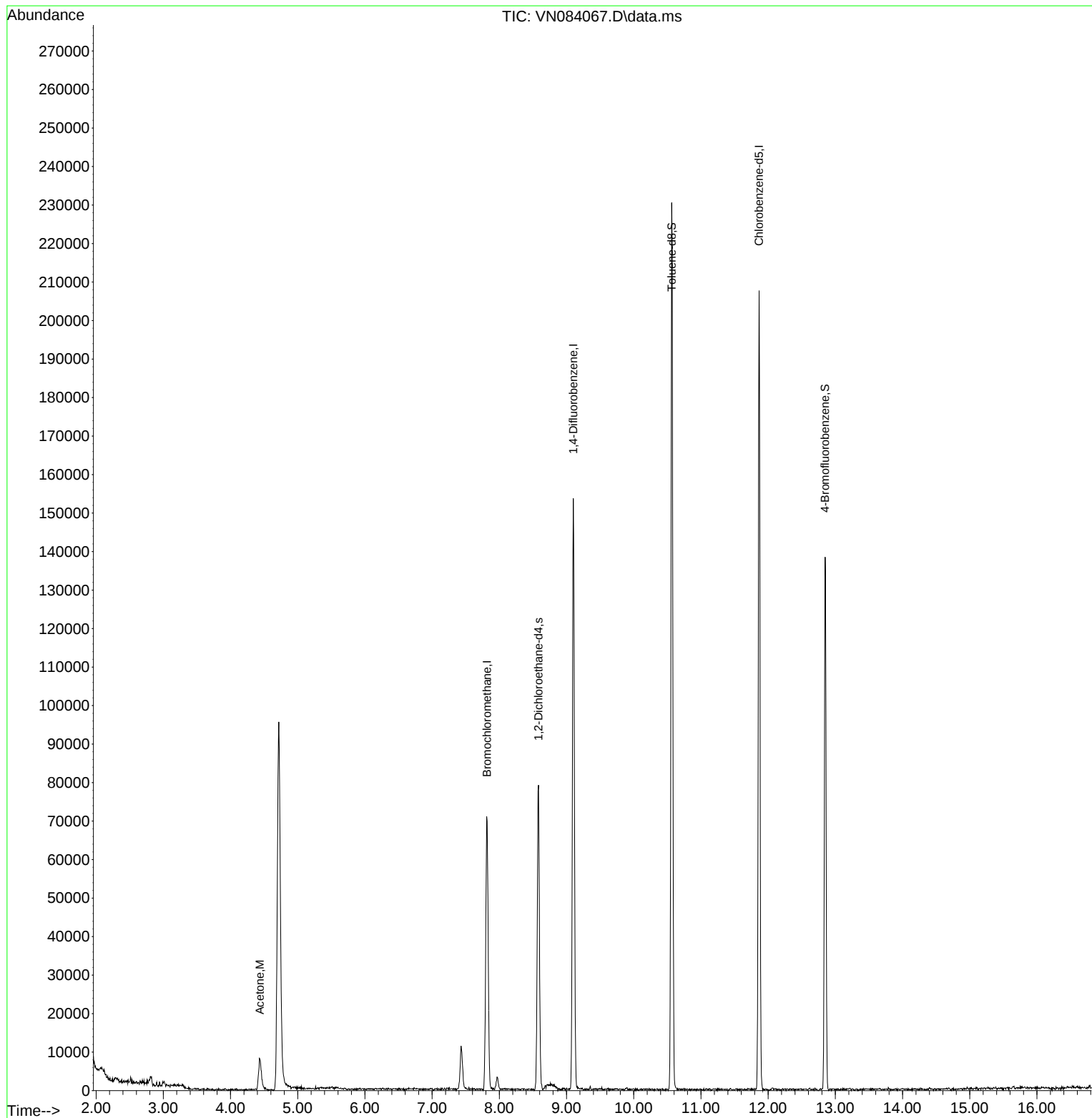
Internal Standards						
1) Bromochloromethane	7.818	128	24206	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	123476	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	110994	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	66364	29.994	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.967%
60) 4-Bromofluorobenzene	12.847	95	47799	24.987	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.300%
63) Toluene-d8	10.565	98	155881	30.330	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.100%
Target Compounds						
15) Acetone	4.436	58	4521	18.562	ug/l	Qvalue 99

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

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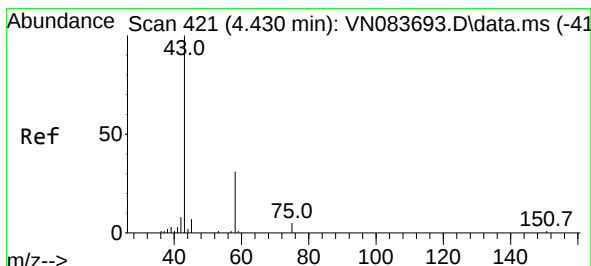
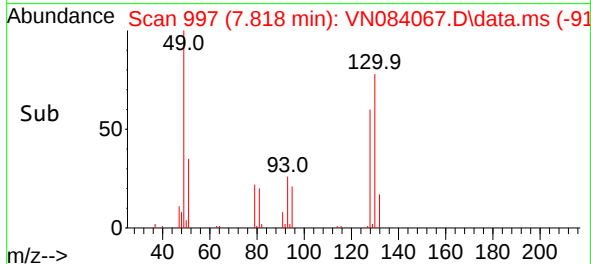
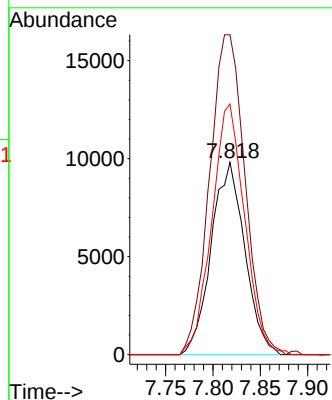
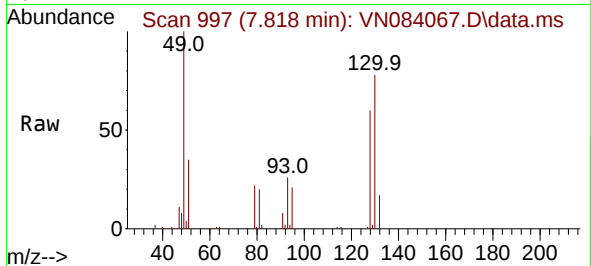




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN084067.D
Acq: 20 Sep 2024 13:56

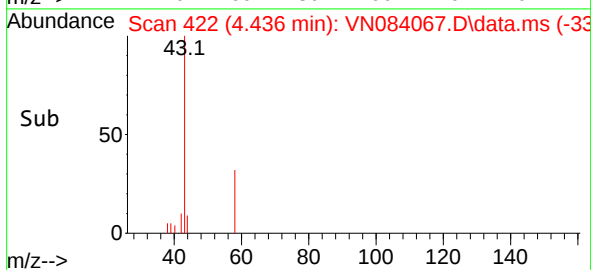
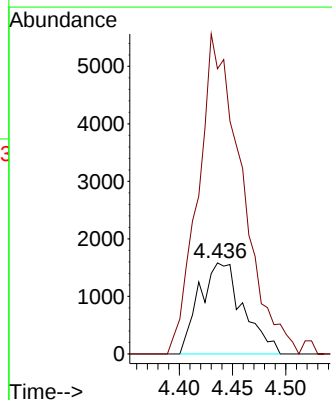
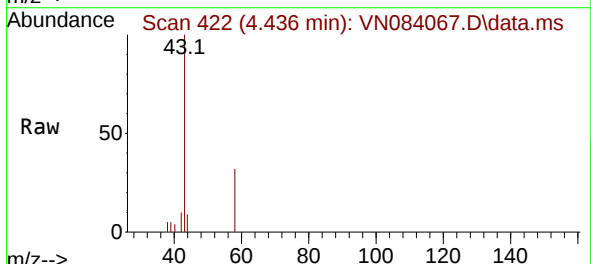
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

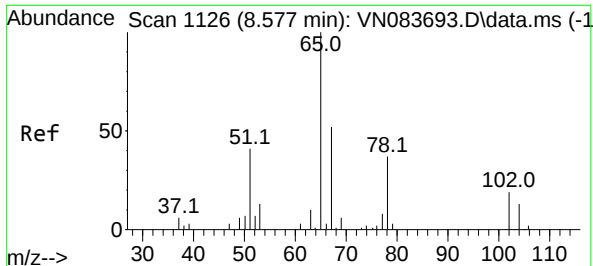
Tgt Ion:128 Resp: 24206
Ion Ratio Lower Upper
128 100
49 175.4 0.0 403.7
130 127.6 0.0 323.3



#15
Acetone
Concen: 18.562 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN084067.D
Acq: 20 Sep 2024 13:56

Tgt Ion: 58 Resp: 4521
Ion Ratio Lower Upper
58 100
43 280.3 223.1 334.7

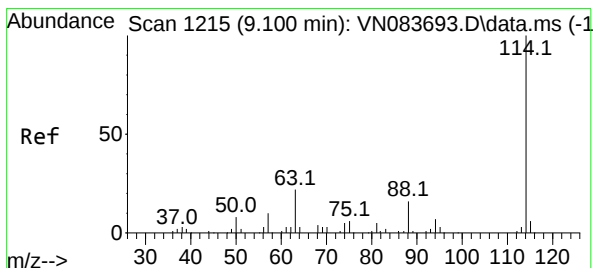
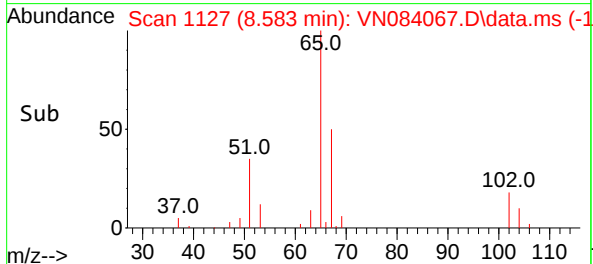
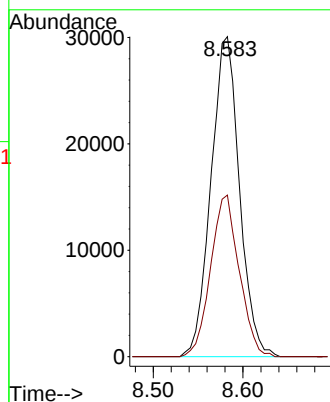
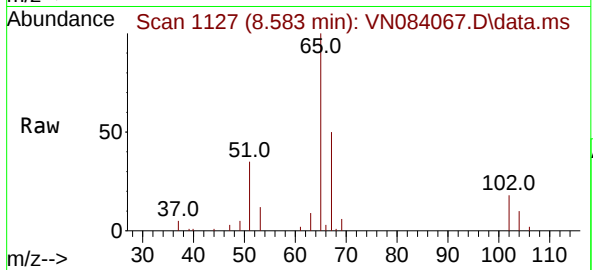




#27
 1,2-Dichloroethane-d4
 Concen: 29.994 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN084067.D
 Acq: 20 Sep 2024 13:56

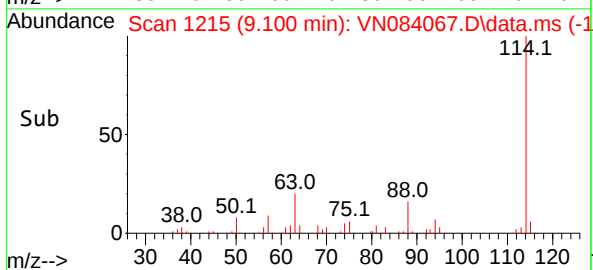
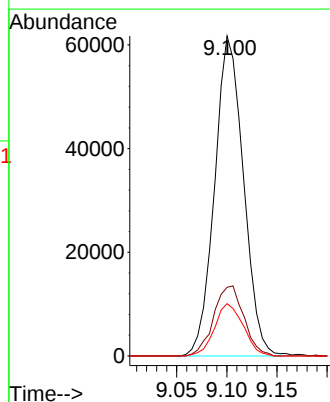
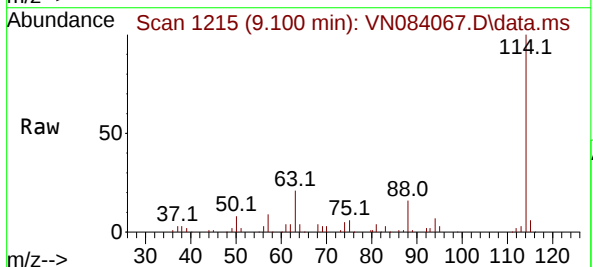
Instrument :
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 ClientSampleId :
 OUTFALL-DSN-002

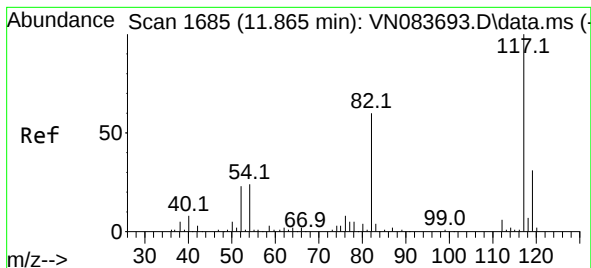
Tgt Ion: 65 Resp: 66364
 Ion Ratio Lower Upper
 65 100
 67 50.6 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084067.D
 Acq: 20 Sep 2024 13:56

Tgt Ion: 114 Resp: 123476
 Ion Ratio Lower Upper
 114 100
 63 22.9 15.9 23.9
 88 16.3 12.7 19.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 110994

Delta R.T. 0.000 min

Lab File: VN084067.D

Acq: 20 Sep 2024 13:56

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-002

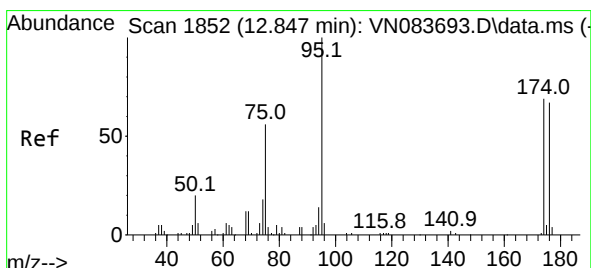
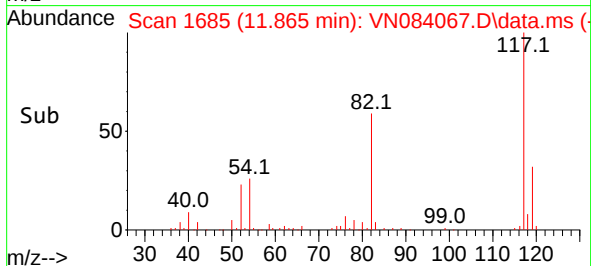
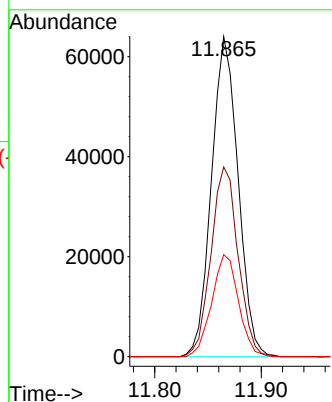
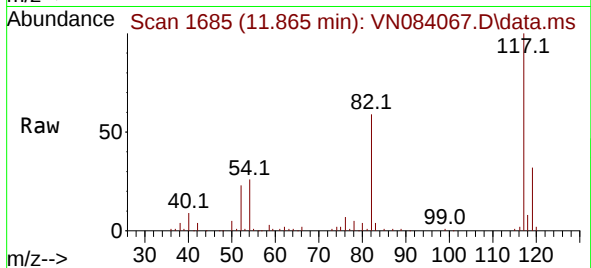
Tgt Ion:117 Resp: 110994

Ion Ratio Lower Upper

117 100

82 60.4 46.6 69.8

119 32.1 25.4 38.2



#60

4-Bromofluorobenzene

Concen: 24.987 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084067.D

Acq: 20 Sep 2024 13:56

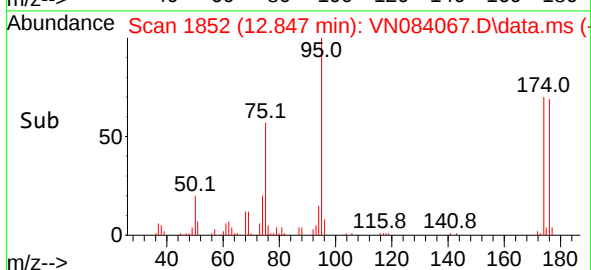
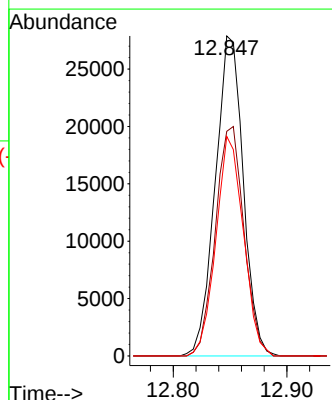
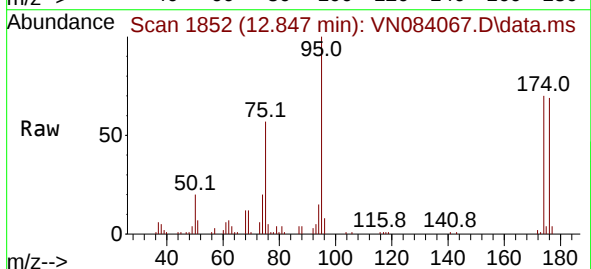
Tgt Ion: 95 Resp: 47799

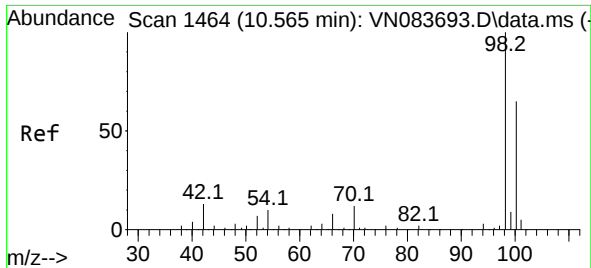
Ion Ratio Lower Upper

95 100

174 73.1 60.5 90.7

176 67.3 57.8 86.6





#63

Toluene-d8

Concen: 30.330 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN084067.D

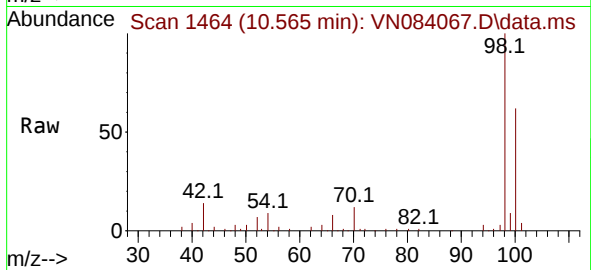
Acq: 20 Sep 2024 13:56

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-002



Tgt Ion: 98 Resp: 155881

Ion Ratio Lower Upper

98 100

100 63.4 52.7 79.1

