

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086666.D
 Acq On : 16 May 2025 14:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 16 23:04:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

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

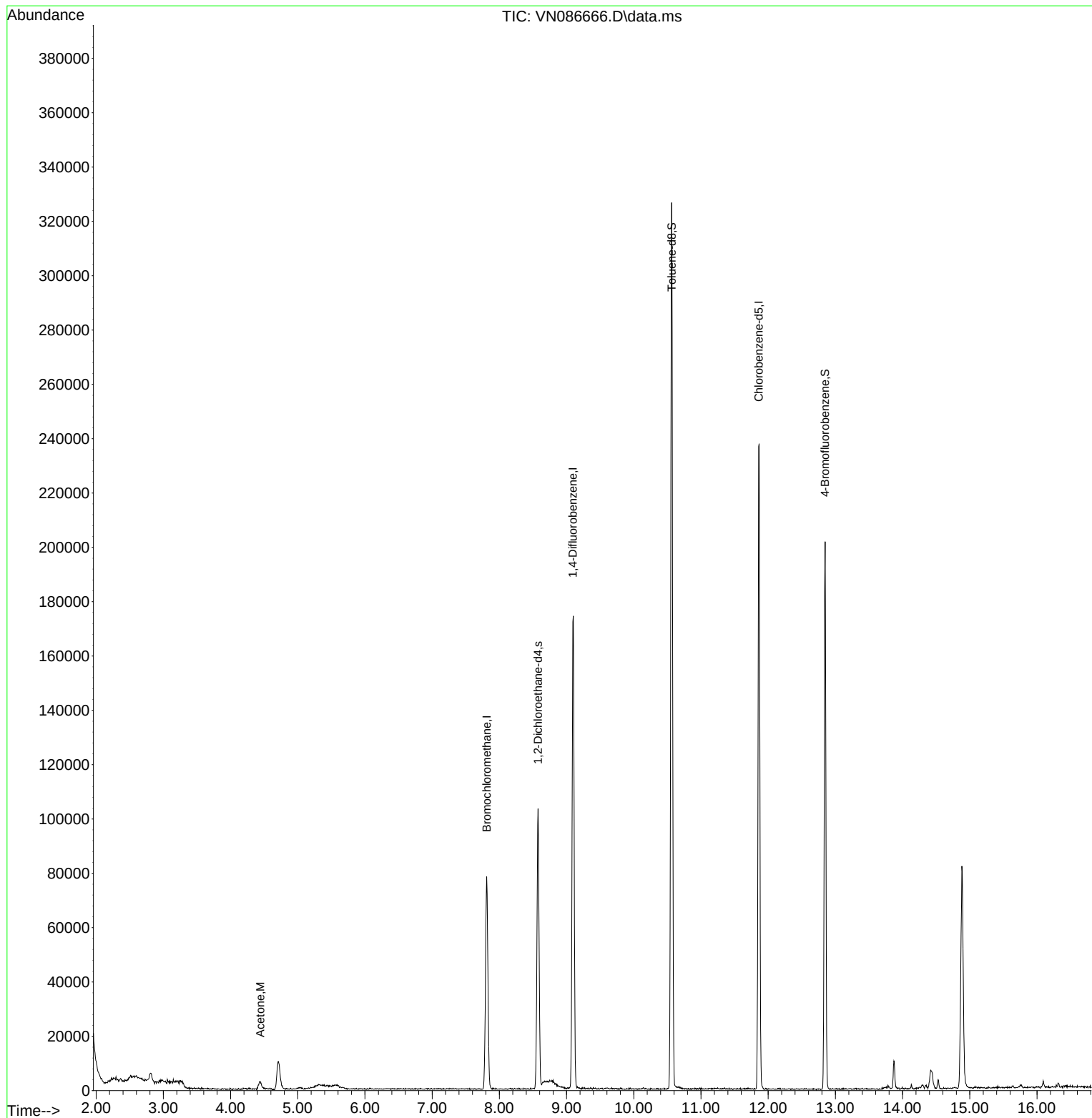
Internal Standards						
1) Bromochloromethane	7.812	128	29232	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	158846	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	146545	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83817	29.740	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.133%
60) 4-Bromofluorobenzene	12.847	95	74934	26.017	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.733%
63) Toluene-d8	10.565	98	235729	29.239	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.467%
Target Compounds						
15) Acetone	4.442	58	1789m	6.035	ug/l	Qvalue

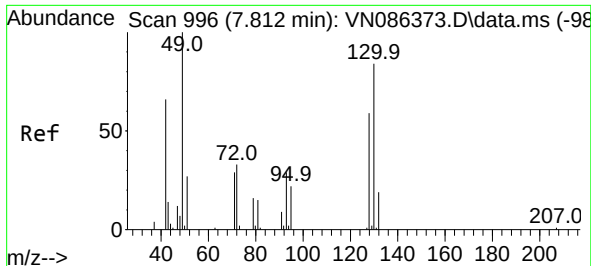
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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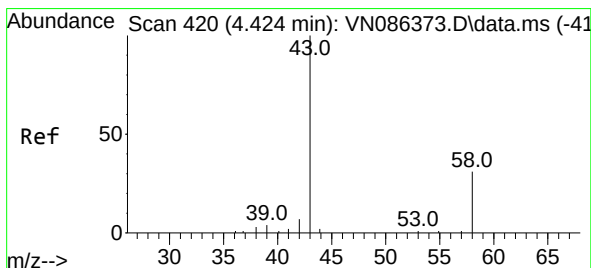
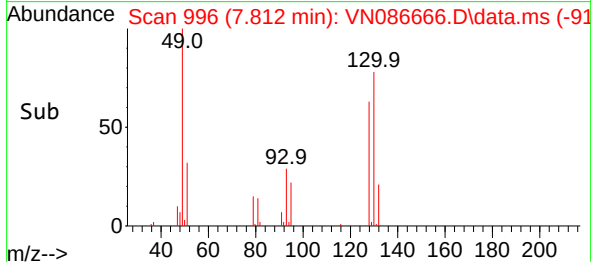
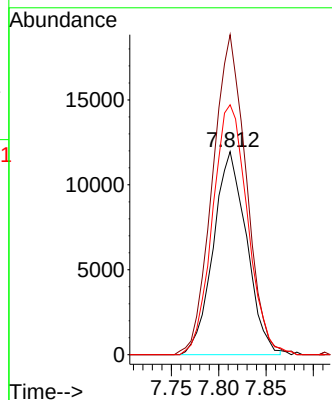
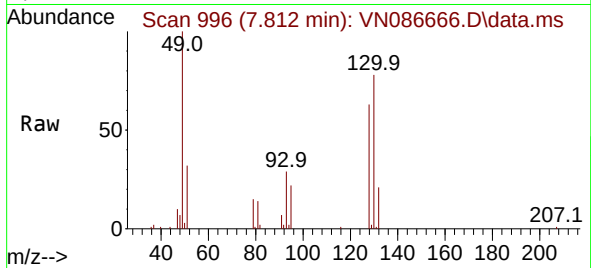




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086666.D
Acq: 16 May 2025 14:46

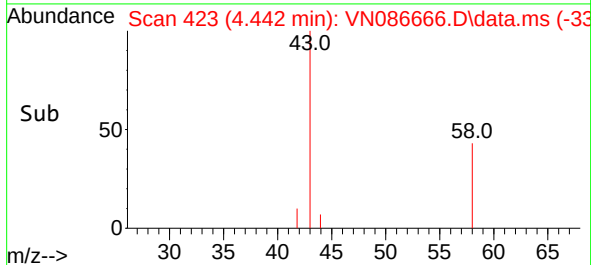
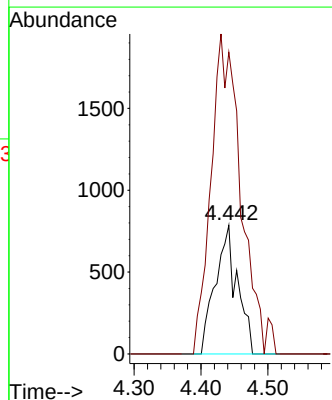
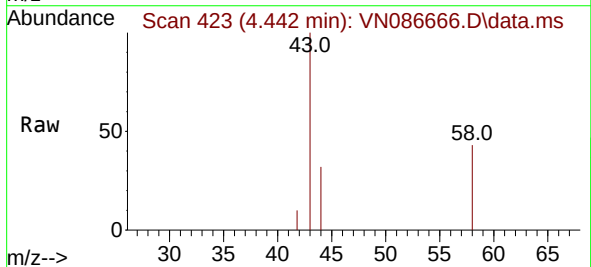
Instrument :
MSVOA_N
ClientSampleId :
IBLK

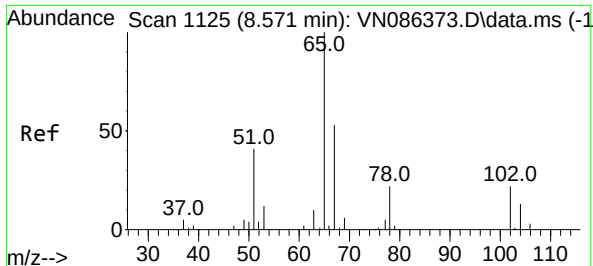
Tgt Ion:128 Resp: 29232
Ion Ratio Lower Upper
128 100
49 159.2 0.0 433.8
130 129.4 0.0 325.0



#15
Acetone
Concen: 6.035 ug/l m
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN086666.D
Acq: 16 May 2025 14:46

Tgt Ion: 58 Resp: 1789
Ion Ratio Lower Upper
58 100
43 234.6 255.1 382.7#





#27

1,2-Dichloroethane-d4

Concen: 29.740 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN086666.D

Acq: 16 May 2025 14:46

Instrument :

MSVOA_N

ClientSampleId :

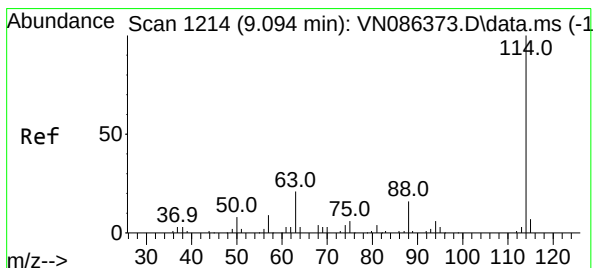
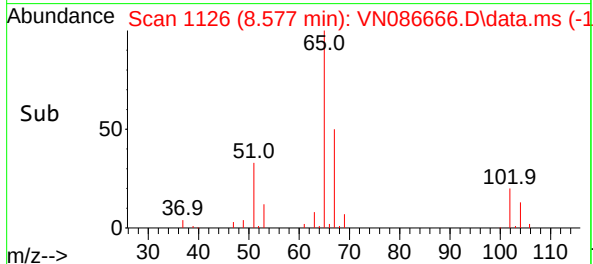
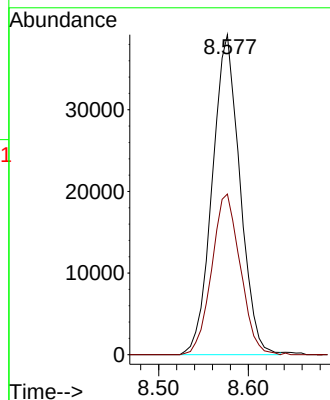
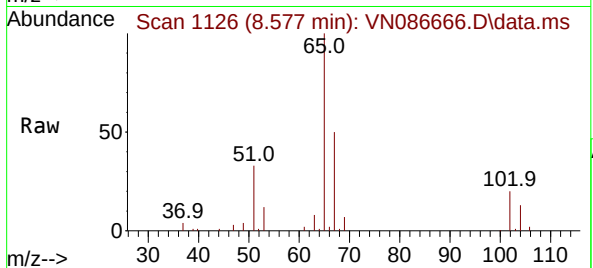
IBLK

Tgt Ion: 65 Resp: 83817

Ion Ratio Lower Upper

65 100

67 51.8 42.5 63.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VN086666.D

Acq: 16 May 2025 14:46

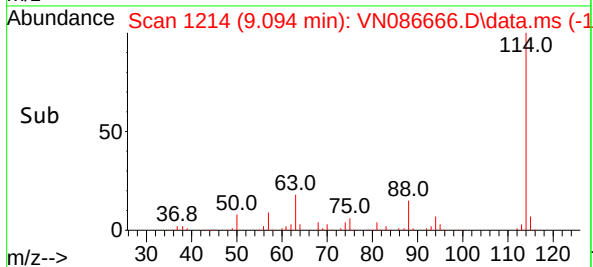
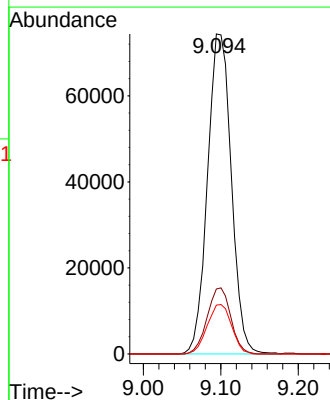
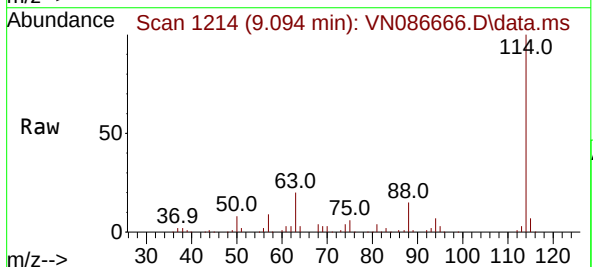
Tgt Ion: 114 Resp: 158846

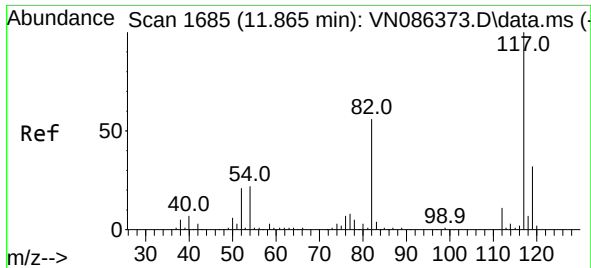
Ion Ratio Lower Upper

114 100

63 20.4 16.7 25.1

88 15.8 12.6 19.0

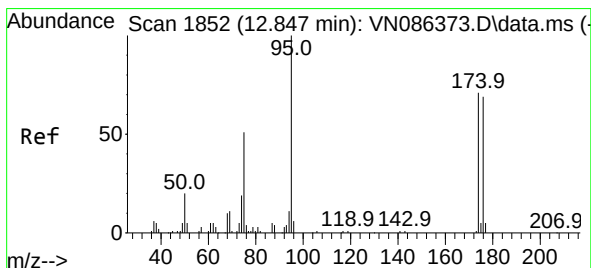
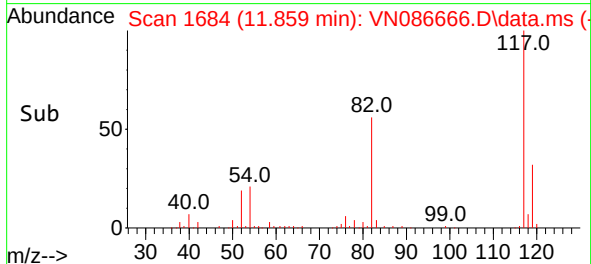
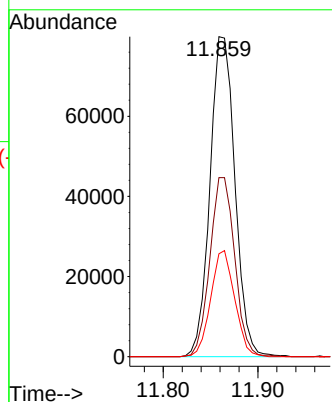
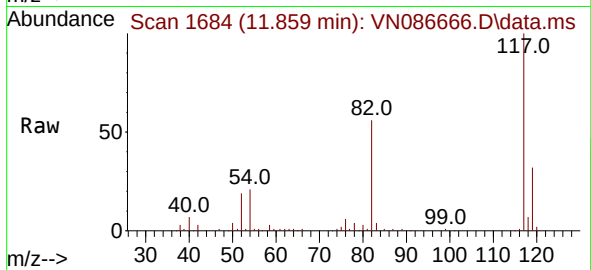




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN086666.D
Acq: 16 May 2025 14:46

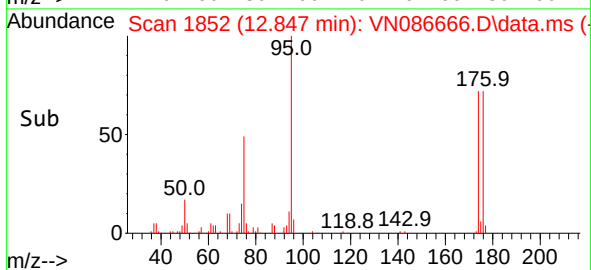
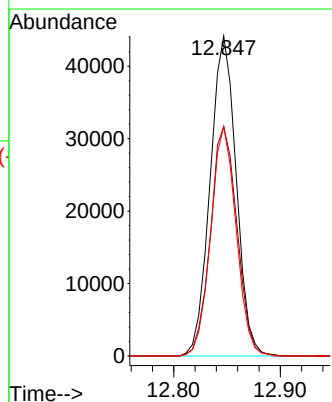
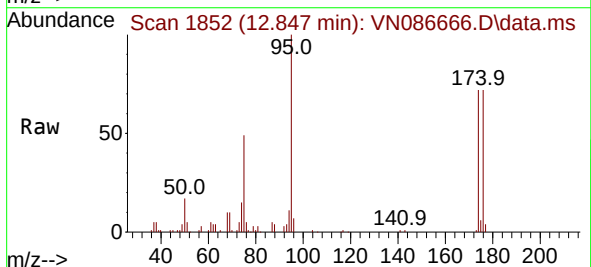
Instrument :
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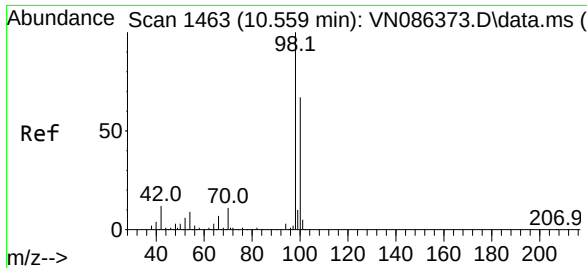
Tgt Ion:117 Resp: 146545
Ion Ratio Lower Upper
117 100
82 55.7 45.5 68.3
119 31.8 25.9 38.9



#60
4-Bromofluorobenzene
Concen: 26.017 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086666.D
Acq: 16 May 2025 14:46

Tgt Ion: 95 Resp: 74934
Ion Ratio Lower Upper
95 100
174 73.2 56.6 84.8
176 69.7 53.3 79.9





#63

Toluene-d8

Concen: 29.239 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN086666.D

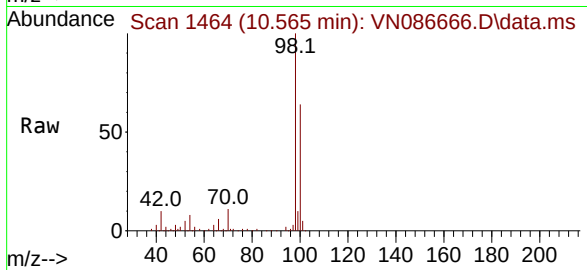
Acq: 16 May 2025 14:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion: 98 Resp: 235729

Ion Ratio Lower Upper

98 100

100 65.0 53.1 79.7

