

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072667.D
 Acq On : 06 Jun 2022 16:55
 Operator : JC\MD
 Sample : N3123-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Jun 07 06:27:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

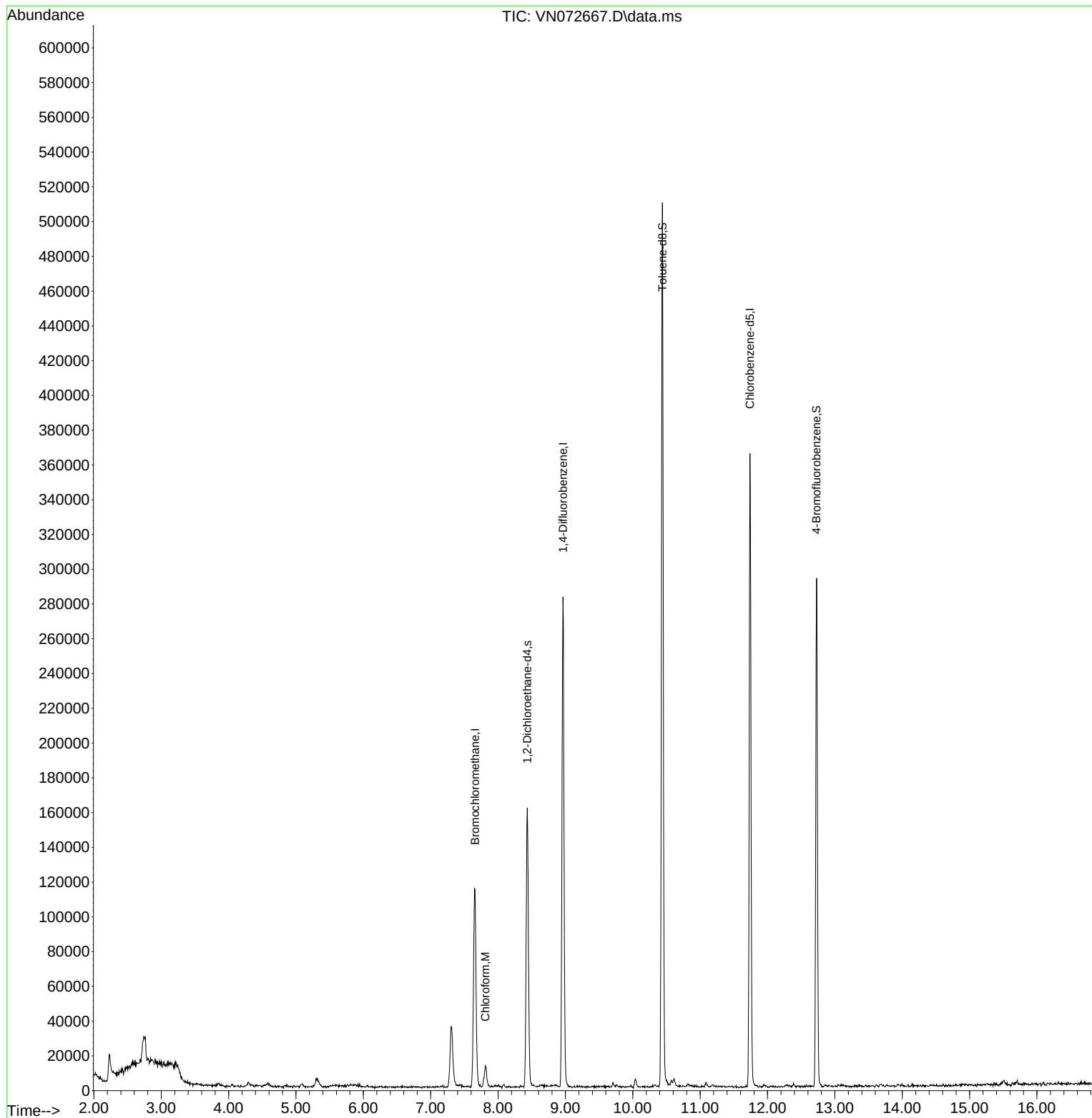
Internal Standards						
1) Bromochloromethane	7.657	128	37968	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	232729	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	199205	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	137306	31.709	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.700%
60) 4-Bromofluorobenzene	12.727	95	103462	25.252	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.167%
63) Toluene-d8	10.439	98	342323	31.021	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.400%
Target Compounds						
25) Chloroform	7.810	83	9723	1.587	ug/l	Qvalue 90

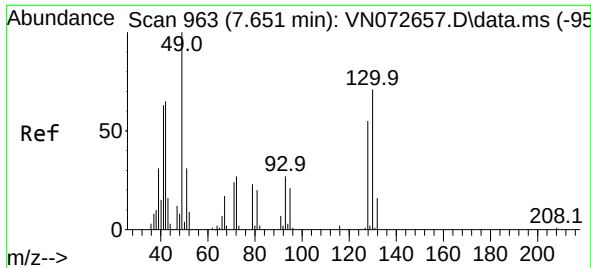
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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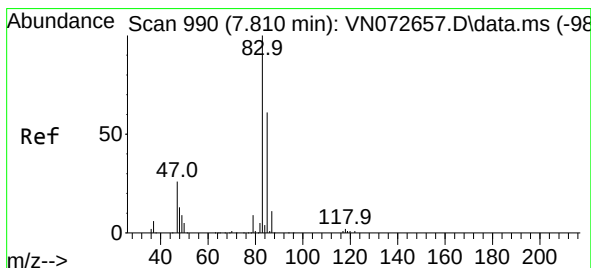
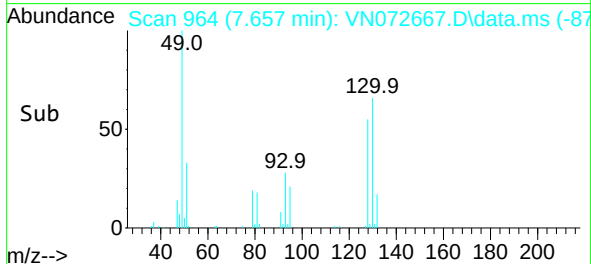
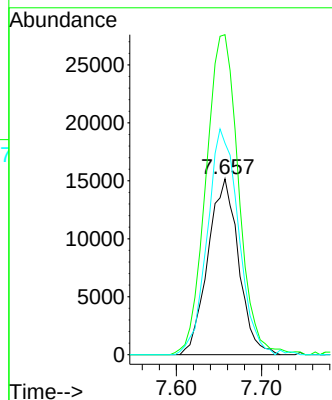
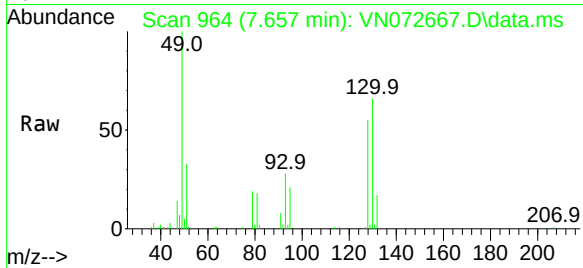




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072667.D
Acq: 06 Jun 2022 16:55

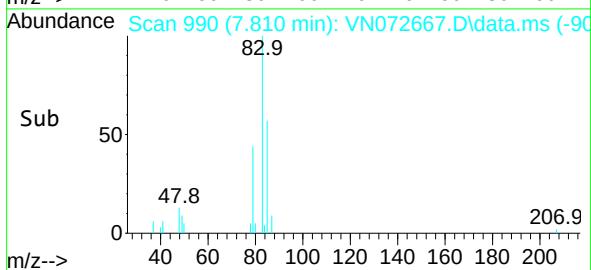
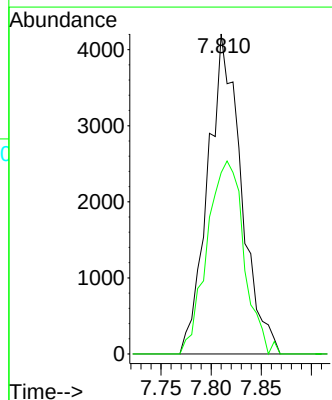
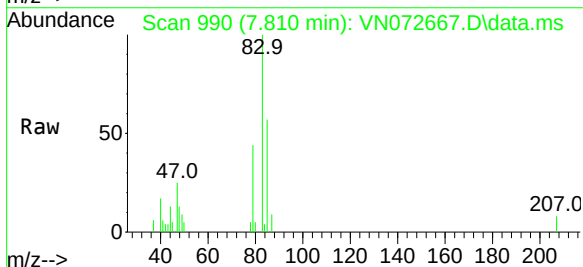
Instrument :
MSVOA_N
ClientSampleId :
14B-1

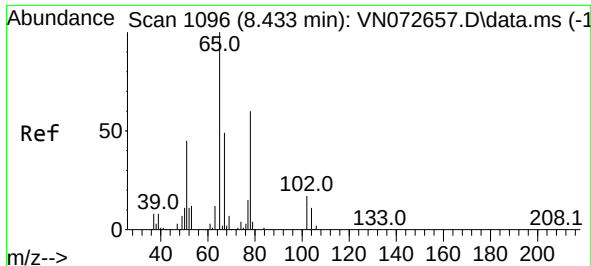
Tgt Ion:128 Resp: 37968
Ion Ratio Lower Upper
128 100
49 192.2 0.0 392.3
130 130.6 0.0 320.2



#25
Chloroform
Concen: 1.587 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072667.D
Acq: 06 Jun 2022 16:55

Tgt Ion: 83 Resp: 9723
Ion Ratio Lower Upper
83 100
85 56.7 51.3 76.9

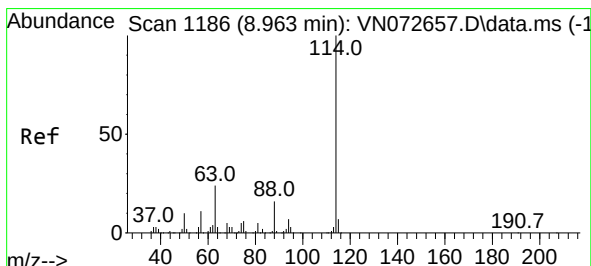
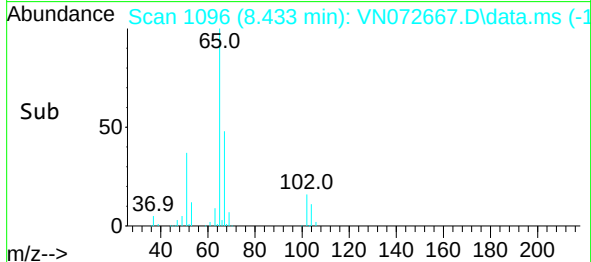
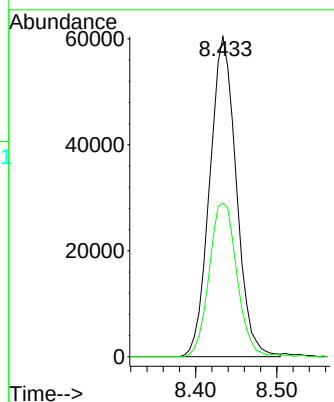
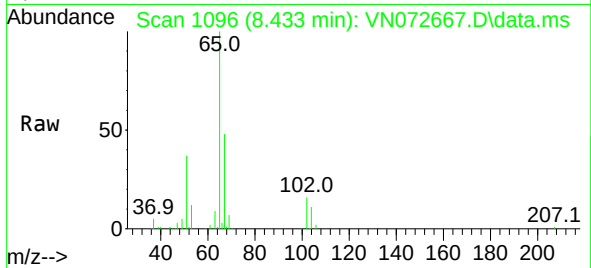




#27
 1,2-Dichloroethane-d4
 Concen: 31.709 ug/l
 RT: 8.433 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: VN072667.D
 Acq: 06 Jun 2022 16:55

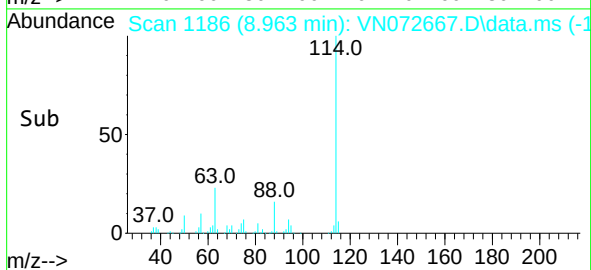
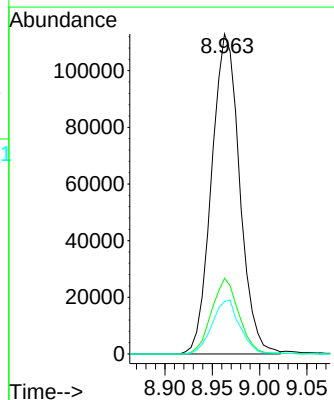
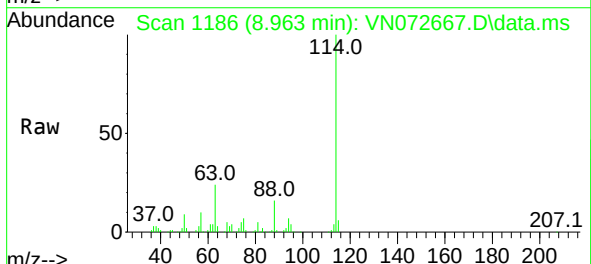
Instrument :
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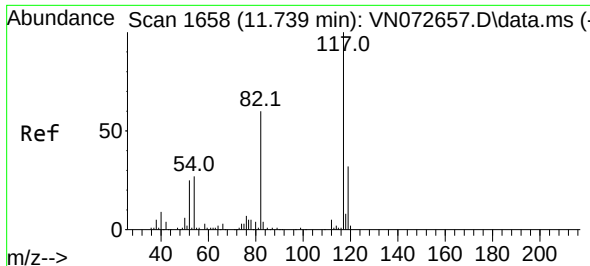
Tgt Ion: 65 Resp: 137306
 Ion Ratio Lower Upper
 65 100
 67 49.9 40.2 60.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.963 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: VN072667.D
 Acq: 06 Jun 2022 16:55

Tgt Ion: 114 Resp: 232729
 Ion Ratio Lower Upper
 114 100
 63 22.9 15.8 23.6
 88 16.5 11.6 17.4

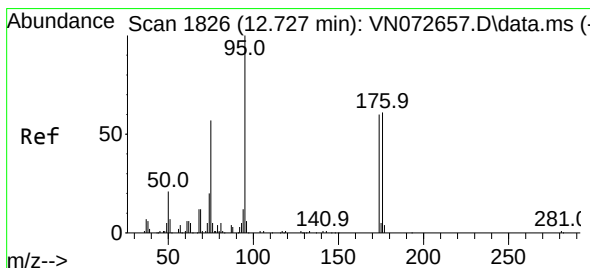
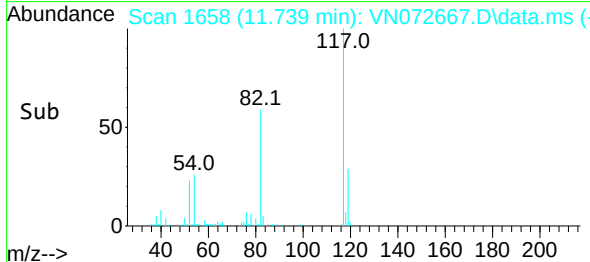
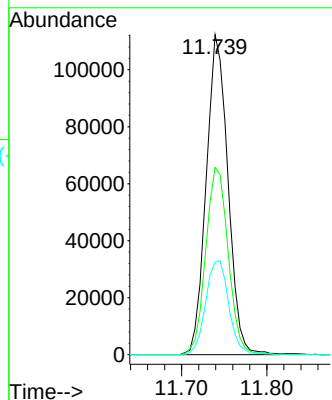
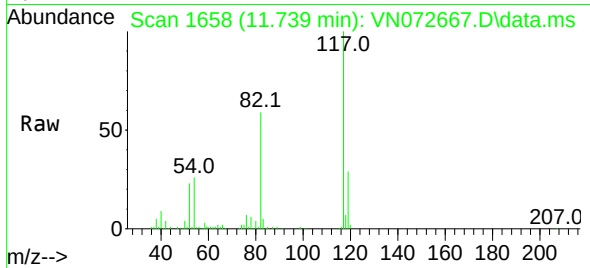




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072667.D
Acq: 06 Jun 2022 16:55

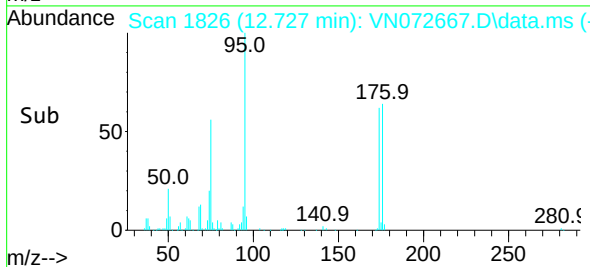
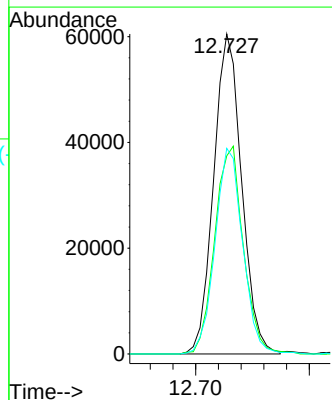
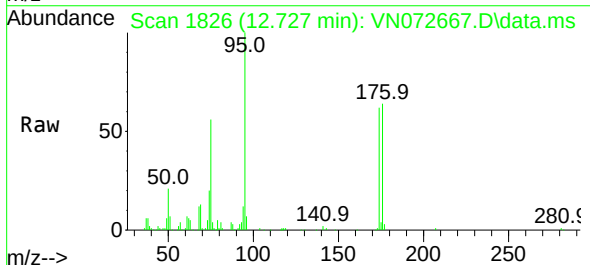
Instrument :
MSVOA_N
ClientSampleId :
14B-1

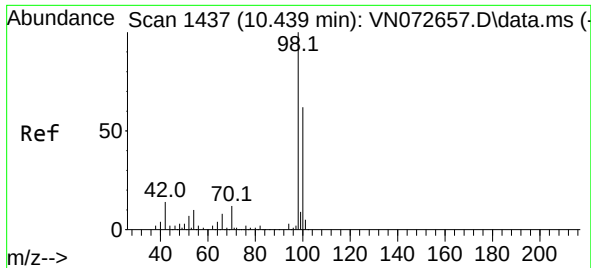
Tgt Ion:117 Resp: 199205
Ion Ratio Lower Upper
117 100
82 60.6 43.6 65.4
119 30.9 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 25.252 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072667.D
Acq: 06 Jun 2022 16:55

Tgt Ion: 95 Resp: 103462
Ion Ratio Lower Upper
95 100
174 66.5 62.9 94.3
176 63.4 61.0 91.4





#63

Toluene-d8

Concen: 31.021 ug/l

RT: 10.439 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN072667.D

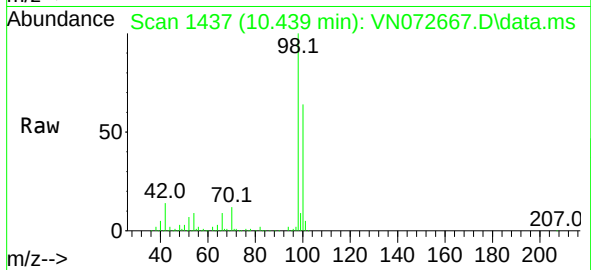
Acq: 06 Jun 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

14B-1



Tgt Ion: 98 Resp: 342323

Ion Ratio Lower Upper

98 100

100 64.6 50.6 76.0

