

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081916.D
 Acq On : 29 Apr 2024 15:56
 Operator : JC\MD
 Sample : P2293-01DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240417004-02DL

Quant Time: Apr 30 04:39:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

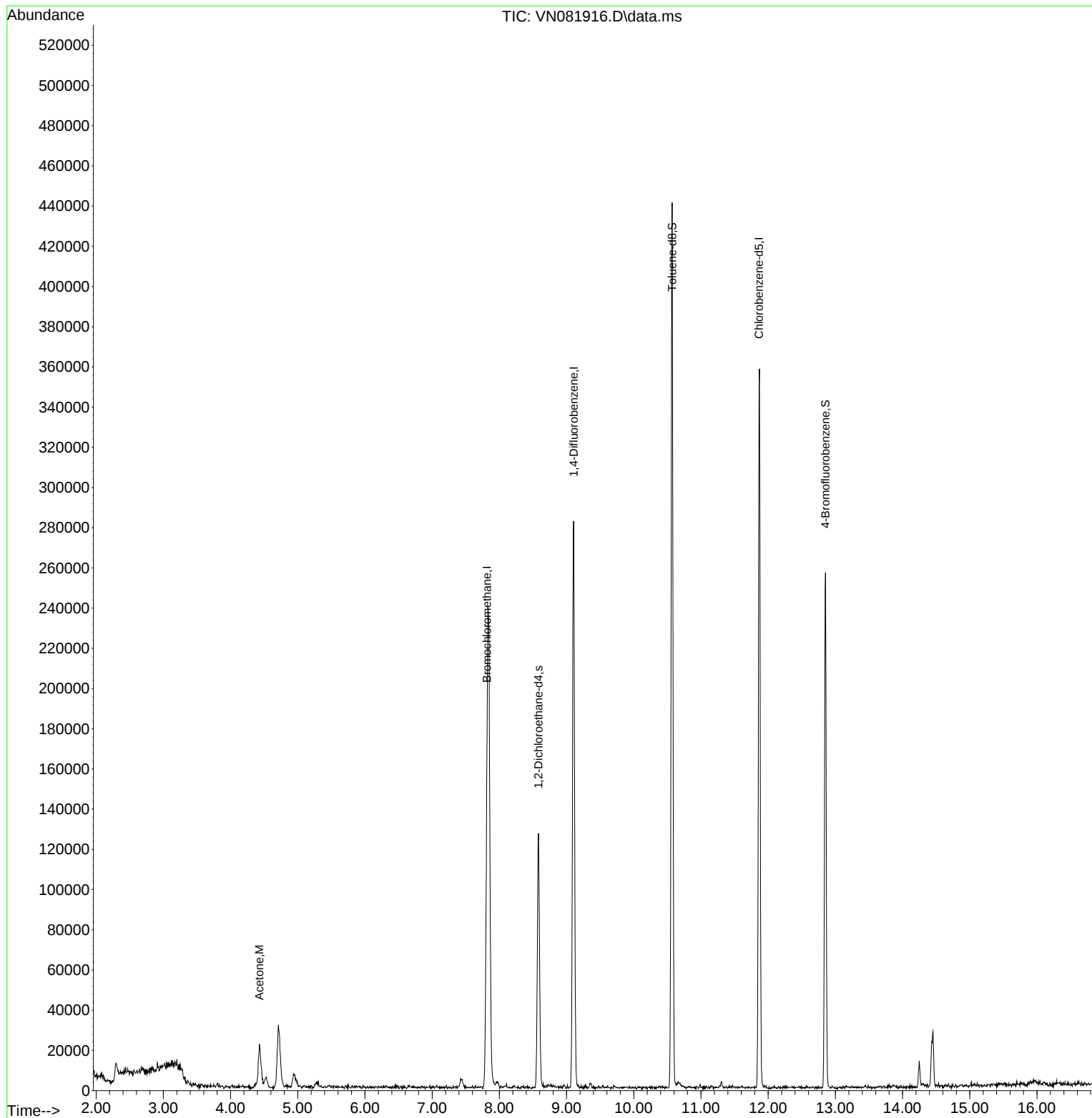
Internal Standards						
1) Bromochloromethane	7.818	128	40917	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	241306	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	202425	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	99740	29.115	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.033%
60) 4-Bromofluorobenzene	12.853	95	96314	28.590	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.300%
63) Toluene-d8	10.570	98	292487	30.425	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.433%
Target Compounds						
15) Acetone	4.430	58	11854	37.068	ug/l	Qvalue 87

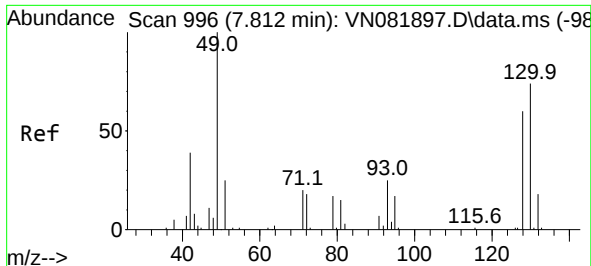
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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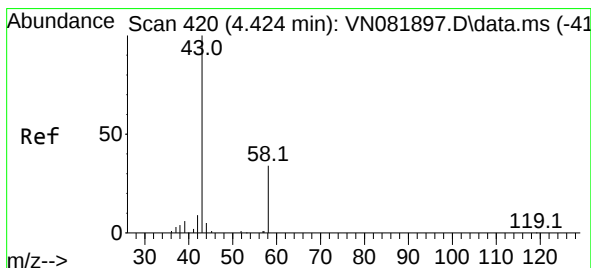
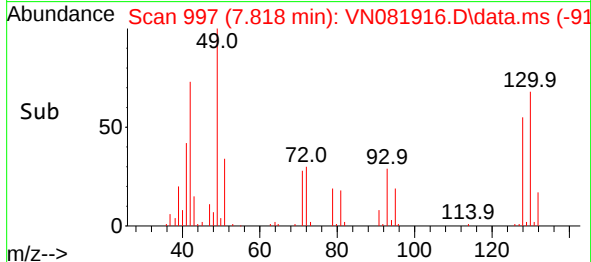
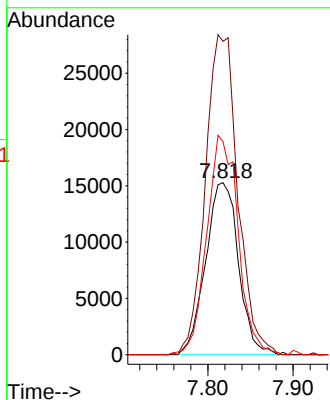
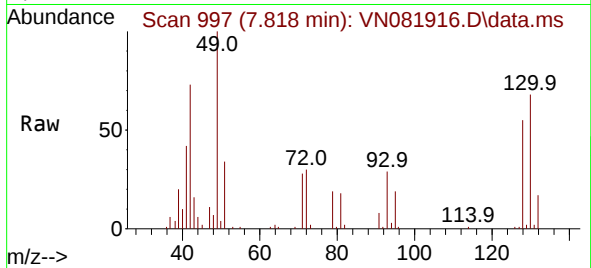




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN081916.D
Acq: 29 Apr 2024 15:56

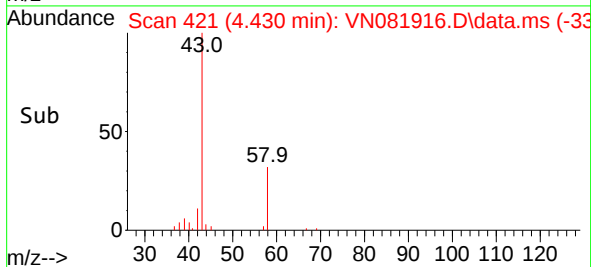
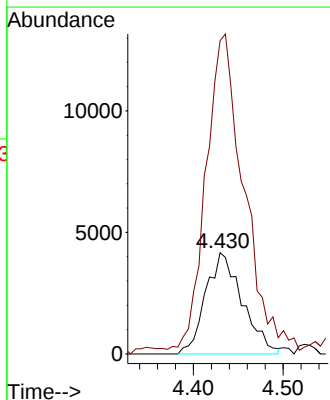
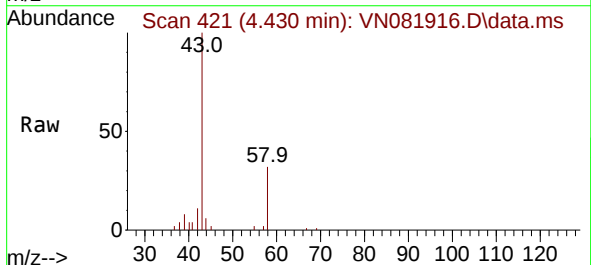
Instrument :
MSVOA_N
ClientSampleId :
240417004-02DL

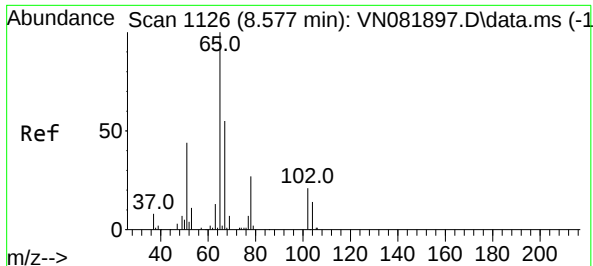
Tgt Ion:128 Resp: 40917
Ion Ratio Lower Upper
128 100
49 183.4 0.0 403.7
130 121.7 0.0 323.3



#15
Acetone
Concen: 37.068 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081916.D
Acq: 29 Apr 2024 15:56

Tgt Ion: 58 Resp: 11854
Ion Ratio Lower Upper
58 100
43 302.6 223.1 334.7





#27

1,2-Dichloroethane-d4

Concen: 29.115 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081916.D

Acq: 29 Apr 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

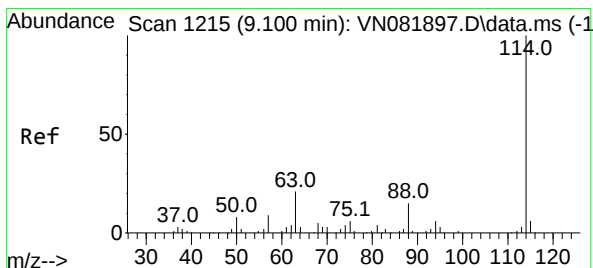
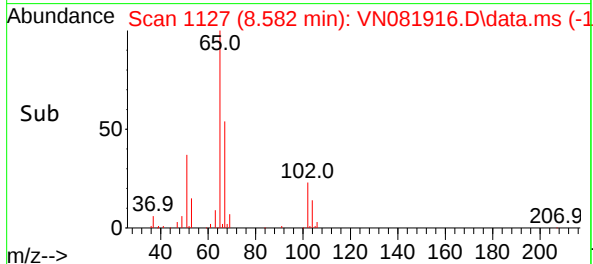
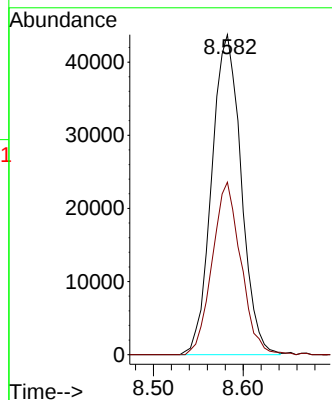
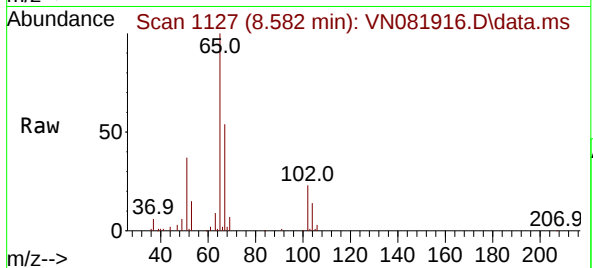
240417004-02DL

Tgt Ion: 65 Resp: 99740

Ion Ratio Lower Upper

65 100

67 52.5 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081916.D

Acq: 29 Apr 2024 15:56

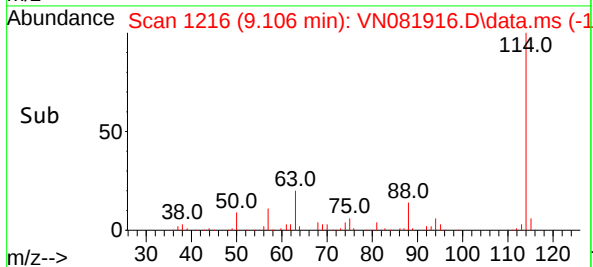
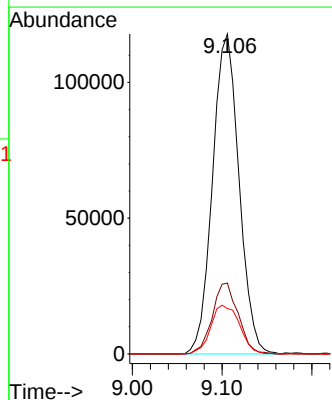
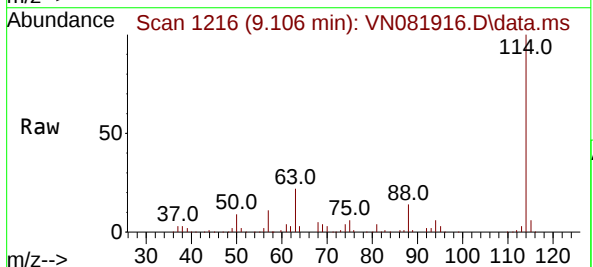
Tgt Ion: 114 Resp: 241306

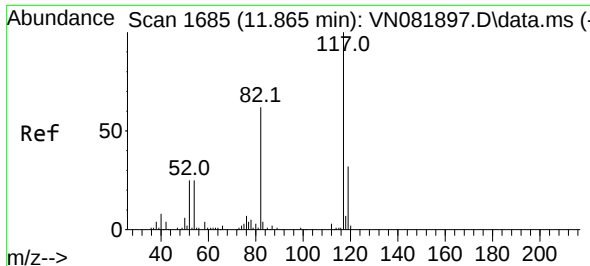
Ion Ratio Lower Upper

114 100

63 21.6 15.9 23.9

88 16.6 12.7 19.1

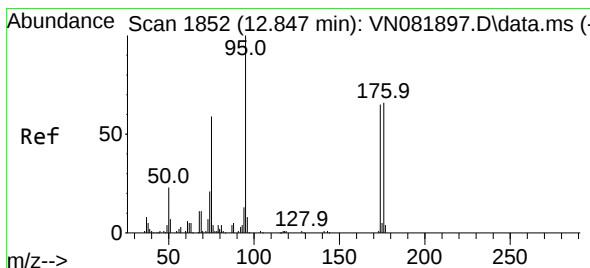
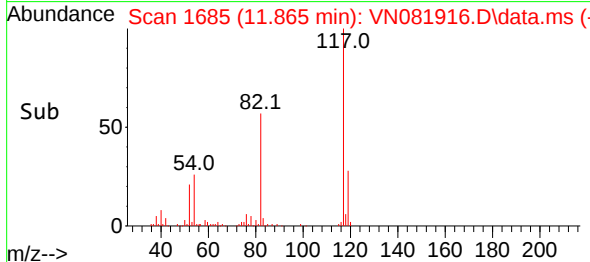
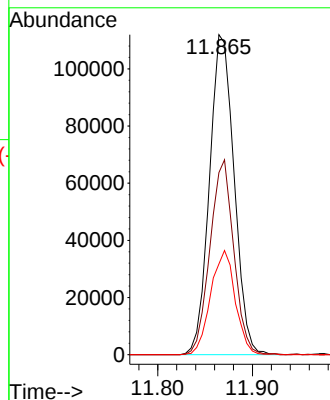
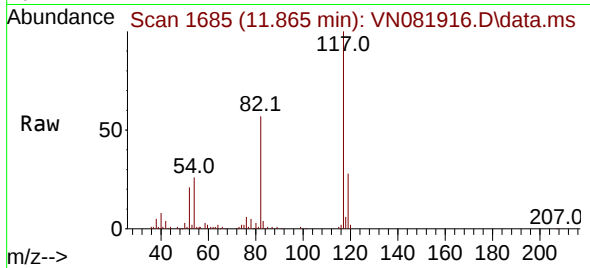




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN081916.D
Acq: 29 Apr 2024 15:56

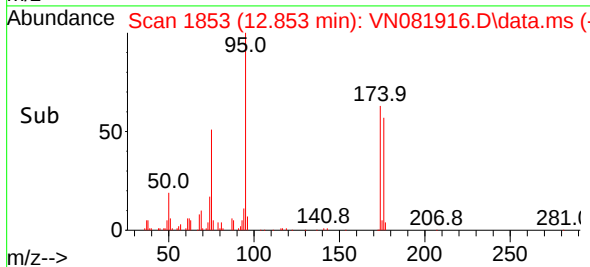
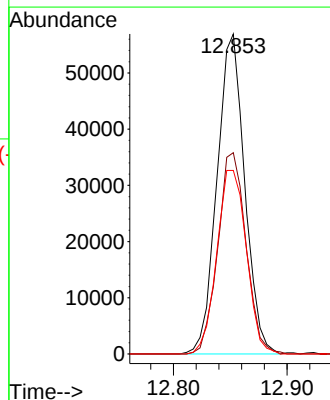
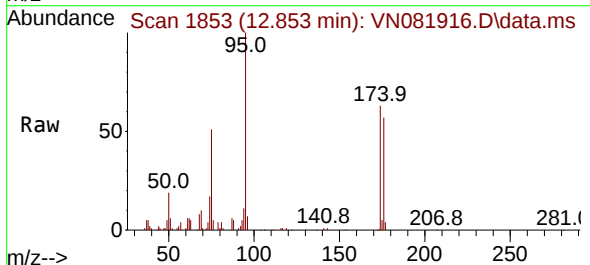
Instrument :
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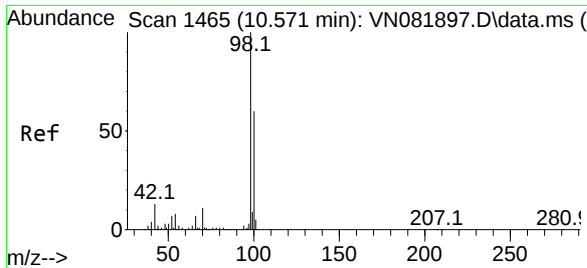
Tgt Ion:117 Resp: 202425
Ion Ratio Lower Upper
117 100
82 58.7 46.6 69.8
119 32.5 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 28.590 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081916.D
Acq: 29 Apr 2024 15:56

Tgt Ion: 95 Resp: 96314
Ion Ratio Lower Upper
95 100
174 64.0 60.5 90.7
176 61.2 57.8 86.6





#63

Toluene-d8

Concen: 30.425 ug/l

RT: 10.570 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN081916.D

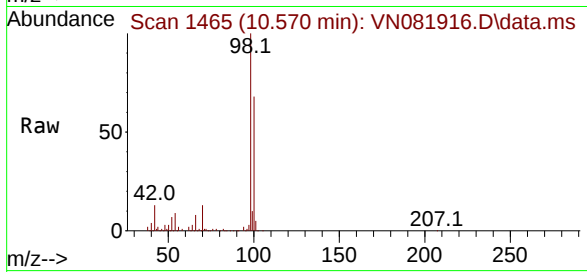
Acq: 29 Apr 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

240417004-02DL



Tgt Ion: 98 Resp: 292487

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1

