

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079075.D
 Acq On : 28 Aug 2023 18:32
 Operator : JC\MD
 Sample : 04204-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230815008-01

Quant Time: Aug 29 05:22:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

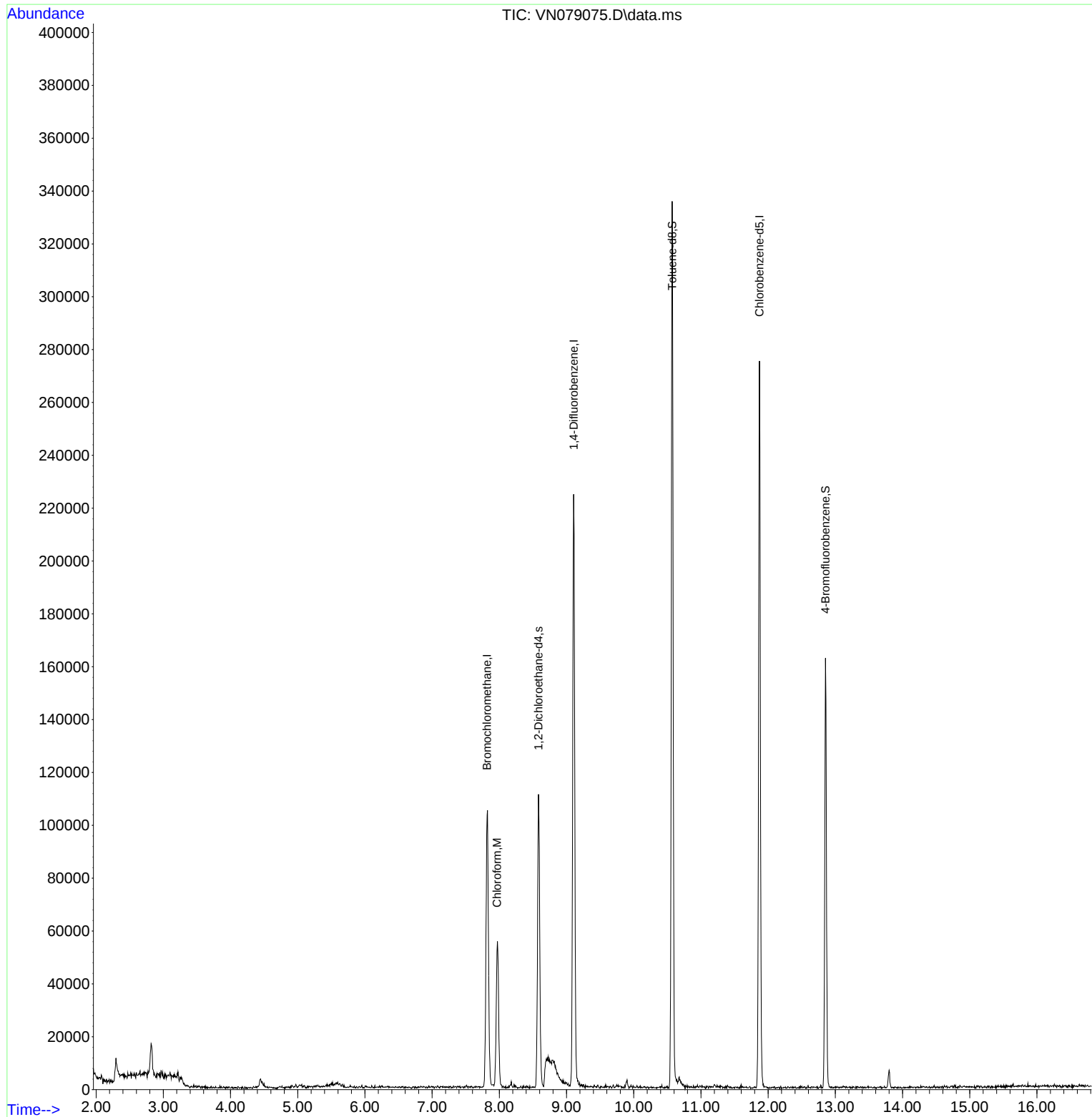
Internal Standards						
1) Bromochloromethane	7.818	128	34219	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	191461	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	154253	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	86349	31.148	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.833%
60) 4-Bromofluorobenzene	12.853	95	52336	23.259	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.533%
63) Toluene-d8	10.571	98	223010	30.959	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.200%
Target Compounds						
25) Chloroform	7.965	83	51331	12.707	ug/l	Qvalue 97

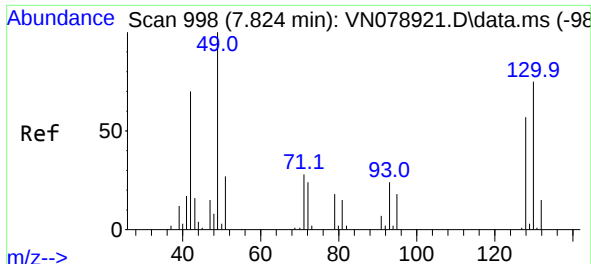
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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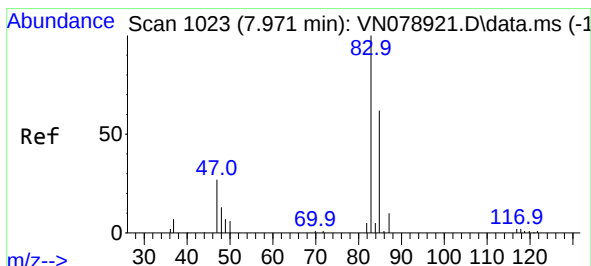
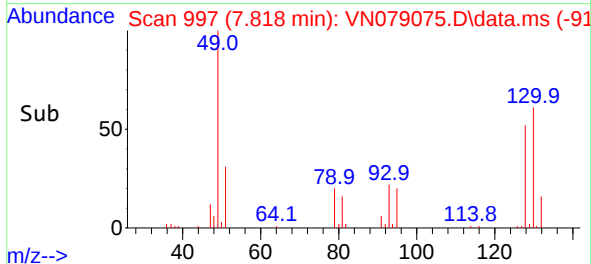
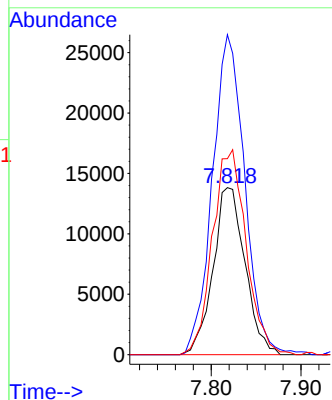
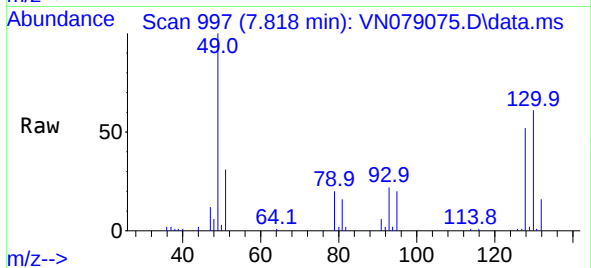




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079075.D
Acq: 28 Aug 2023 18:32

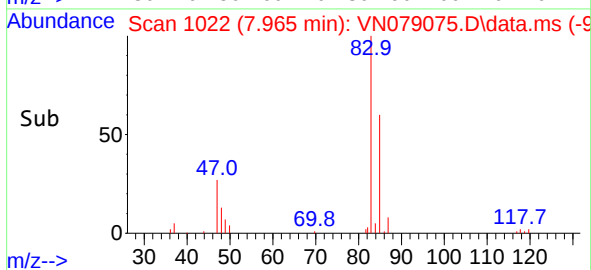
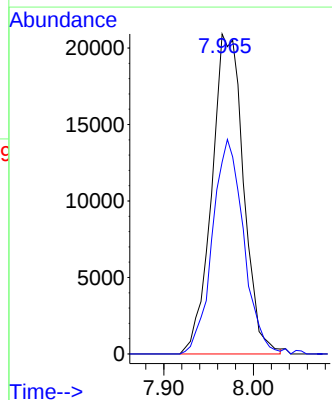
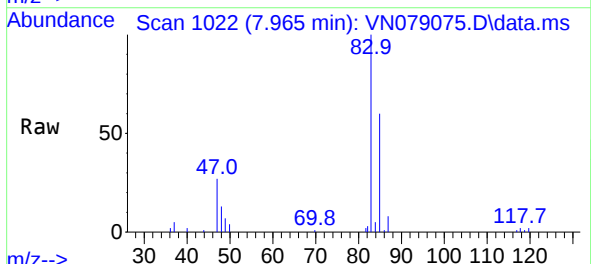
Instrument :
MSVOA_N
ClientSampleId :
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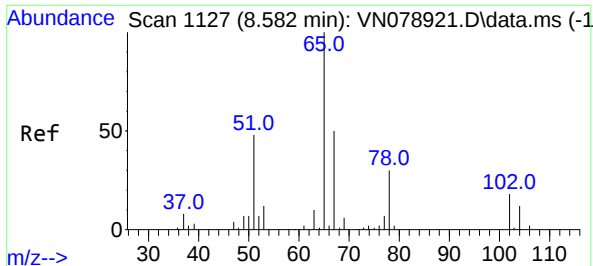
Tgt Ion:128 Resp: 34219
Ion Ratio Lower Upper
128 100
49 193.4 0.0 481.8
130 129.0 0.0 320.5



#25
Chloroform
Concen: 12.707 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079075.D
Acq: 28 Aug 2023 18:32

Tgt Ion: 83 Resp: 51331
Ion Ratio Lower Upper
83 100
85 59.9 49.6 74.4

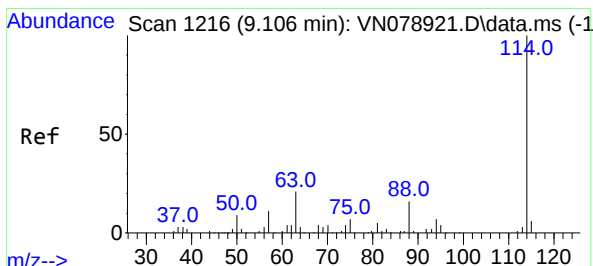
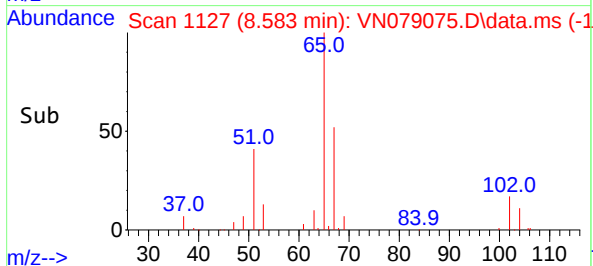
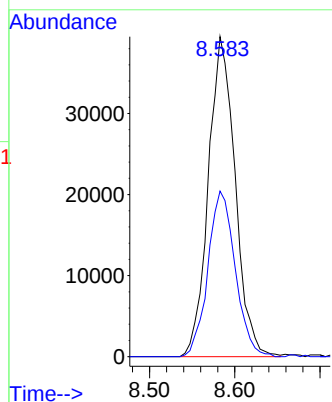
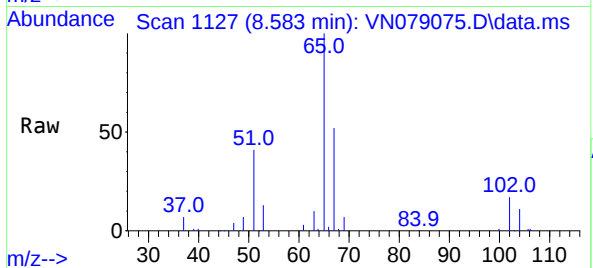




#27
1,2-Dichloroethane-d4
Concen: 31.148 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079075.D
Acq: 28 Aug 2023 18:32

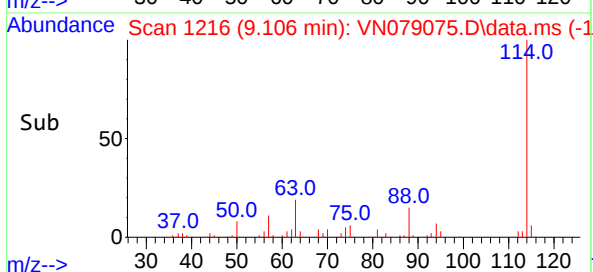
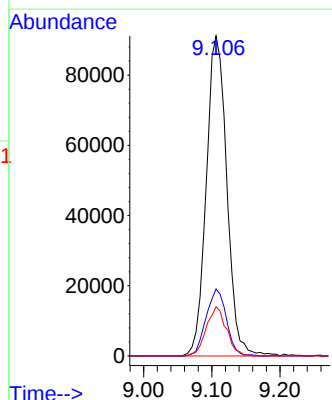
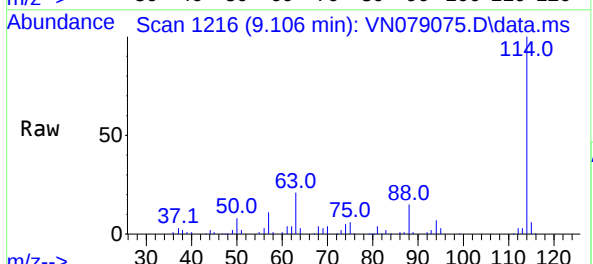
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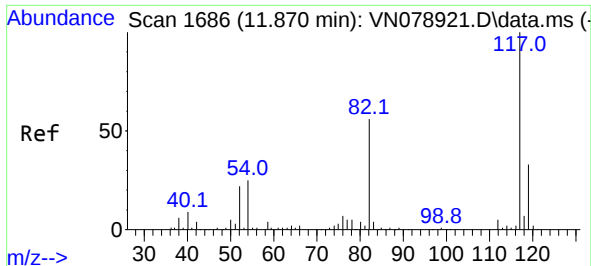
Tgt Ion: 65 Resp: 86349
Ion Ratio Lower Upper
65 100
67 52.7 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079075.D
Acq: 28 Aug 2023 18:32

Tgt Ion: 114 Resp: 191461
Ion Ratio Lower Upper
114 100
63 20.6 17.4 26.2
88 15.0 12.0 18.0

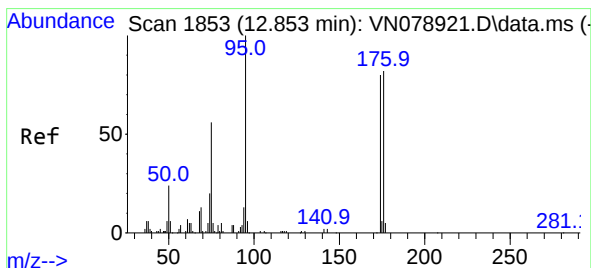
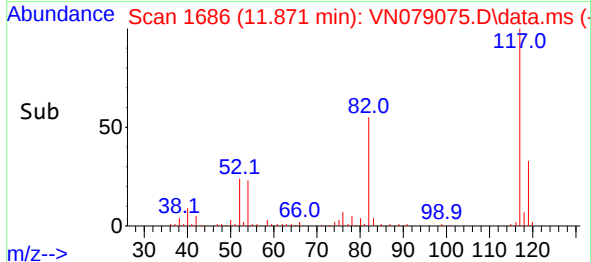
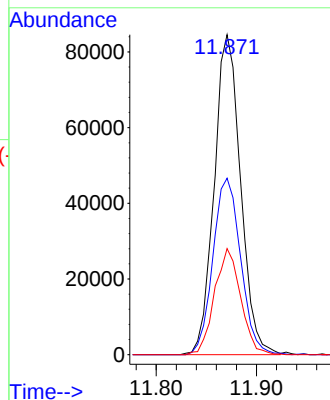
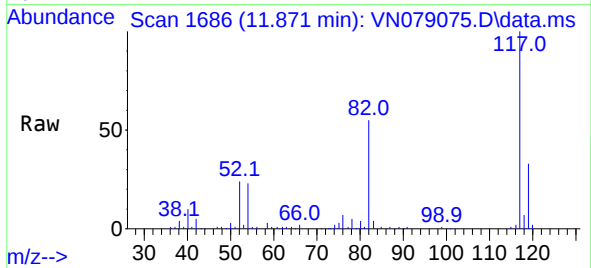




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079075.D
Acq: 28 Aug 2023 18:32

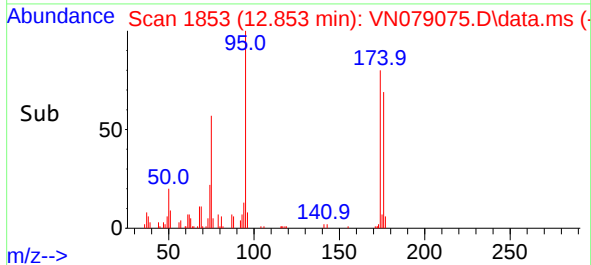
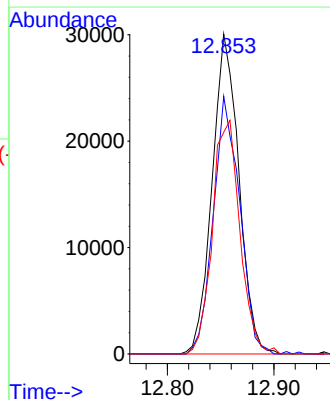
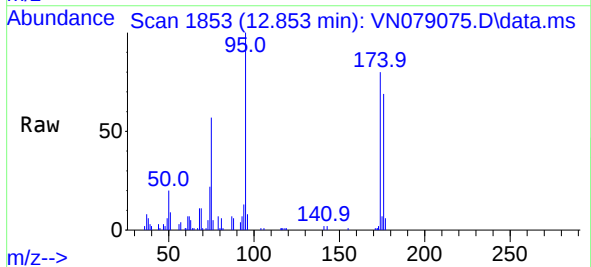
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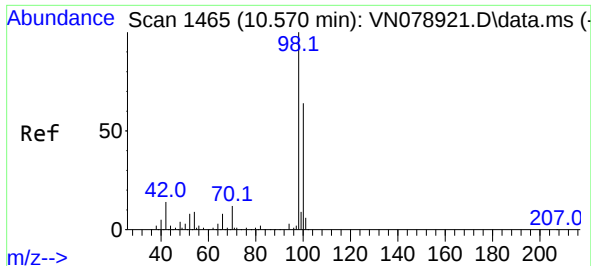
Tgt Ion:117 Resp: 154253
Ion Ratio Lower Upper
117 100
82 58.0 43.4 65.0
119 32.8 25.5 38.3



#60
4-Bromofluorobenzene
Concen: 23.259 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079075.D
Acq: 28 Aug 2023 18:32

Tgt Ion: 95 Resp: 52336
Ion Ratio Lower Upper
95 100
174 79.8 64.8 97.2
176 74.8 63.0 94.6





#63

Toluene-d8

Concen: 30.959 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN079075.D

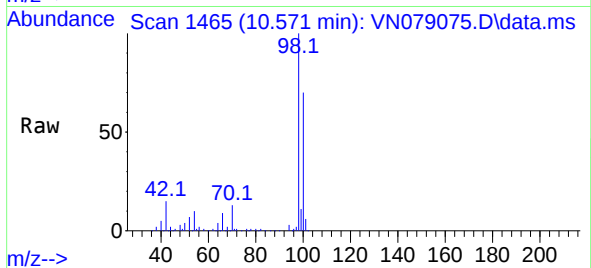
Acq: 28 Aug 2023 18:32

Instrument :

MSVOA_N

ClientSampleId :

230815008-01



Tgt Ion: 98 Resp: 223010

Ion Ratio Lower Upper

98 100

100 64.9 51.1 76.7

