

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
 Data File : VN079623.D
 Acq On : 20 Oct 2023 13:05
 Operator : JC\MD
 Sample : 04963-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 231018021-04-TRIP-BLANK

Quant Time: Oct 20 23:48:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/23/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	18640	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	115929	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	134409	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	75402	28.452	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	94.833%	
60) 4-Bromofluorobenzene	12.853	95	47973	19.517	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	65.067%	
63) Toluene-d8	10.571	98	169977	29.512	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.367%	
Target Compounds						
15) Acetone	4.442	58	4673m	10.174	ug/l	Qvalue

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

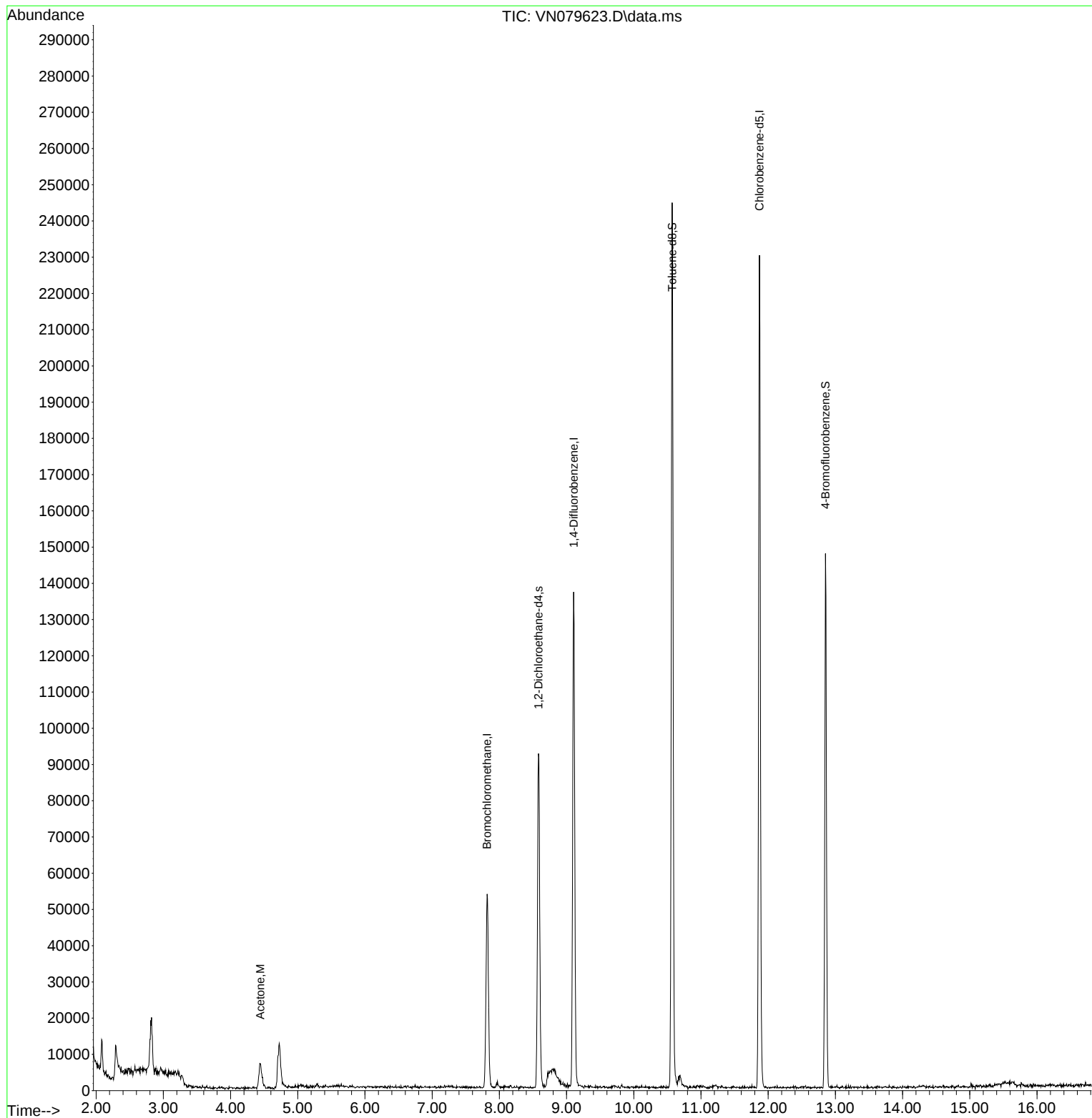
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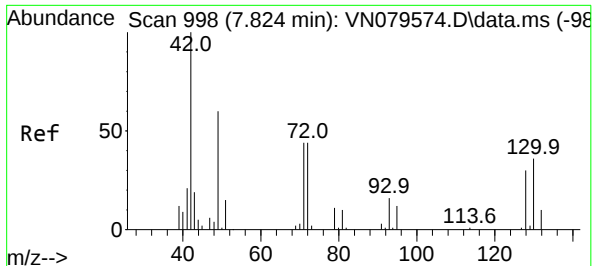
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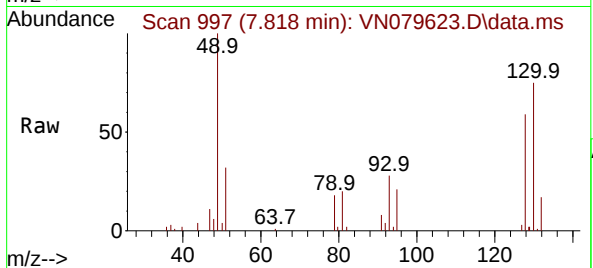
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN079623.D
Acq: 20 Oct 2023 13:05

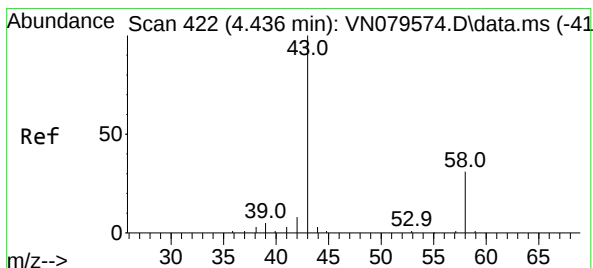
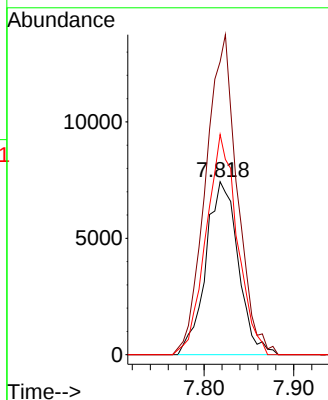
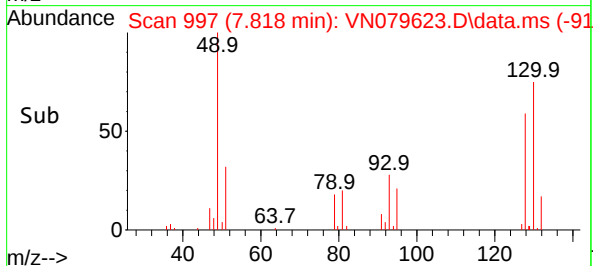
Instrument :
MSVOA_N
ClientSampleId :
231018021-04-TRIP-BLANK



Tgt Ion:128 Resp: 18640
Ion Ratio Lower Upper
128 100
49 180.5 0.0 468.5
130 123.1 0.0 320.7

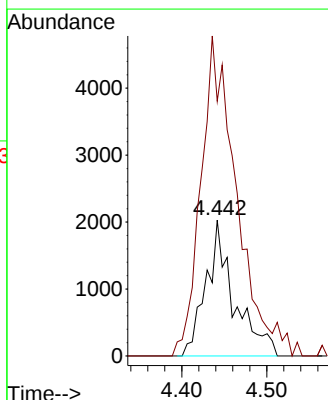
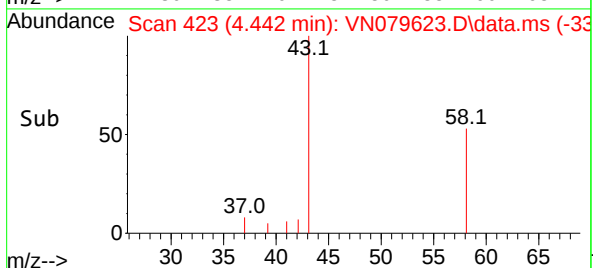
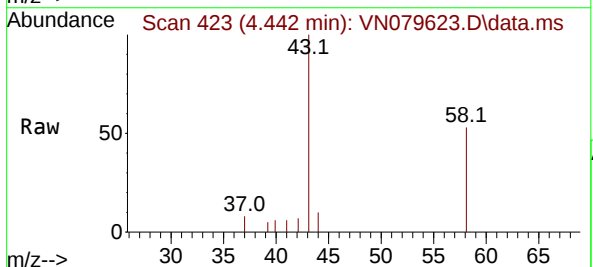
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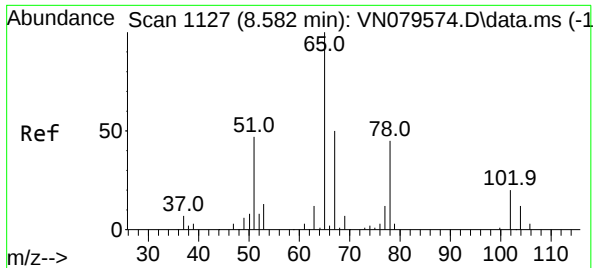
Reviewed By :John Carlone 10/23/2023
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#15
Acetone
Concen: 10.174 ug/l m
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN079623.D
Acq: 20 Oct 2023 13:05

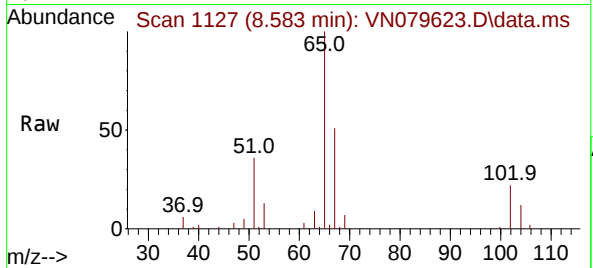
Tgt Ion: 58 Resp: 4673
Ion Ratio Lower Upper
58 100
43 187.4 225.2 337.8#





#27
1,2-Dichloroethane-d4
Concen: 28.452 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079623.D
Acq: 20 Oct 2023 13:05

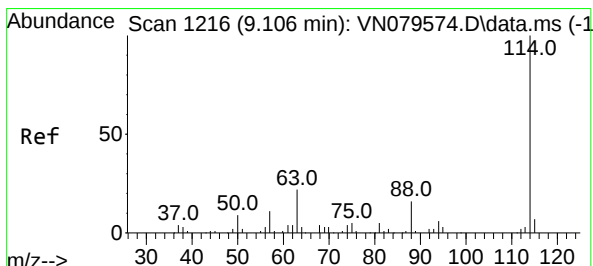
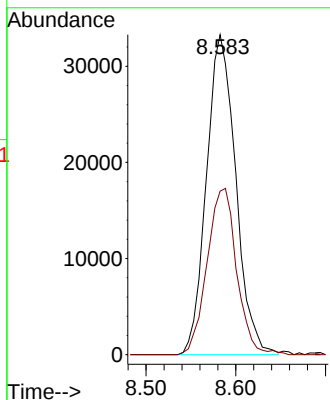
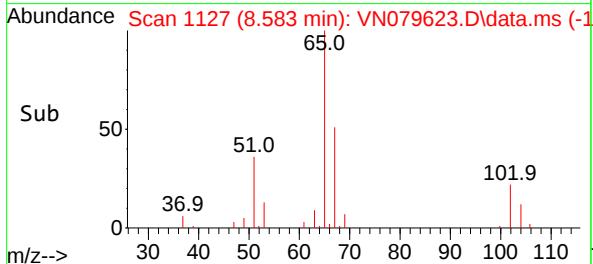
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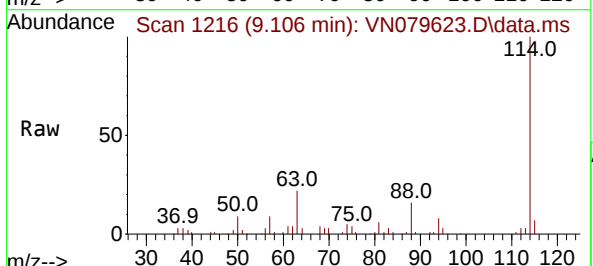
Tgt Ion: 65 Resp: 75402
Ion Ratio Lower Upper
65 100
67 52.1 42.1 63.1

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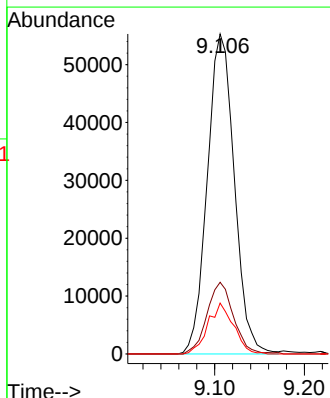
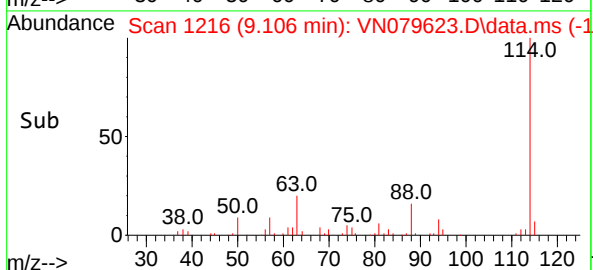
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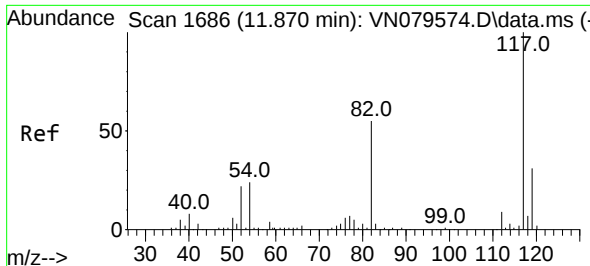


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079623.D
Acq: 20 Oct 2023 13:05



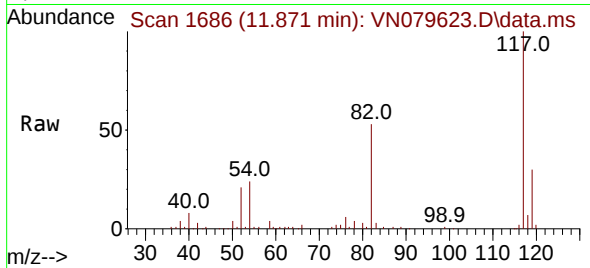
Tgt Ion:114 Resp: 115929
Ion Ratio Lower Upper
114 100
63 21.8 18.1 27.1
88 15.0 12.2 18.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079623.D
Acq: 20 Oct 2023 13:05

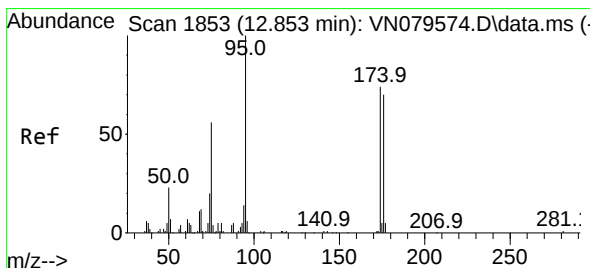
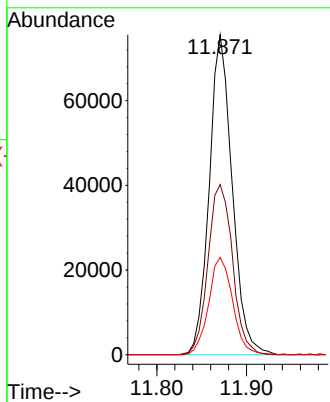
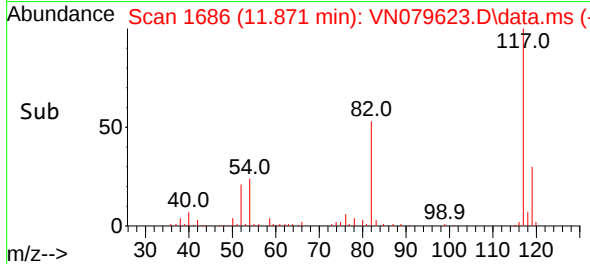
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Tgt Ion:117 Resp: 134409
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.2
119 31.6 25.2 37.8

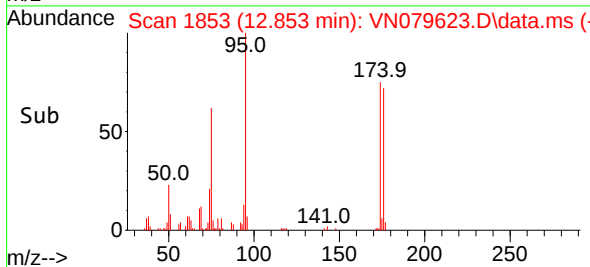
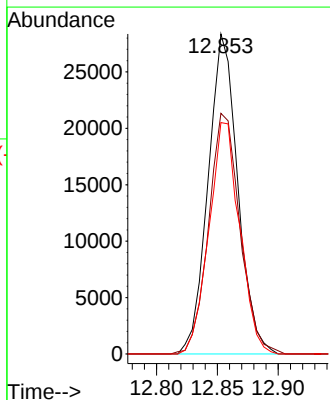
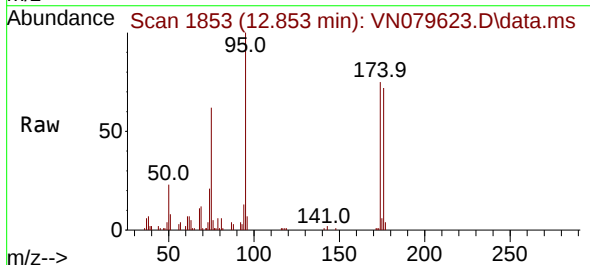
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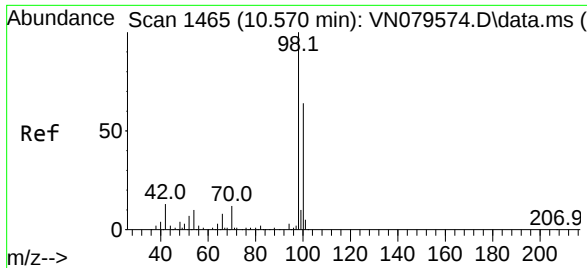
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#60
4-Bromofluorobenzene
Concen: 19.517 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079623.D
Acq: 20 Oct 2023 13:05

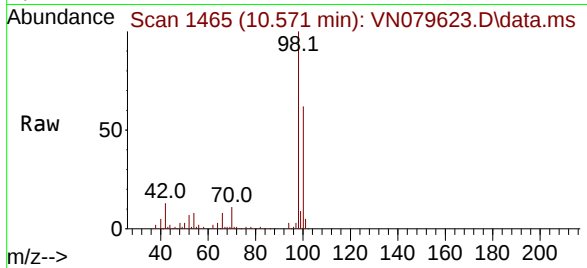
Tgt Ion: 95 Resp: 47973
Ion Ratio Lower Upper
95 100
174 79.6 60.5 90.7
176 75.3 57.2 85.8





#63
Toluene-d8
Concen: 29.512 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079623.D
Acq: 20 Oct 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
231018021-04-TRIP-BLANK



Tgt Ion: 98 Resp: 16997
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4

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