

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079089.D
 Acq On : 29 Aug 2023 13:16
 Operator : JC\MD
 Sample : 04092-02DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 30 00:04:15 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	33723	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	178269	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	147708	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	84402	30.893	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.967%
60) 4-Bromofluorobenzene	12.853	95	49430	22.941	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	76.467%
63) Toluene-d8	10.571	98	211766	30.700	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.333%
Target Compounds						
15) Acetone	4.442	58	10804m	32.000	ug/l	Qvalue

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

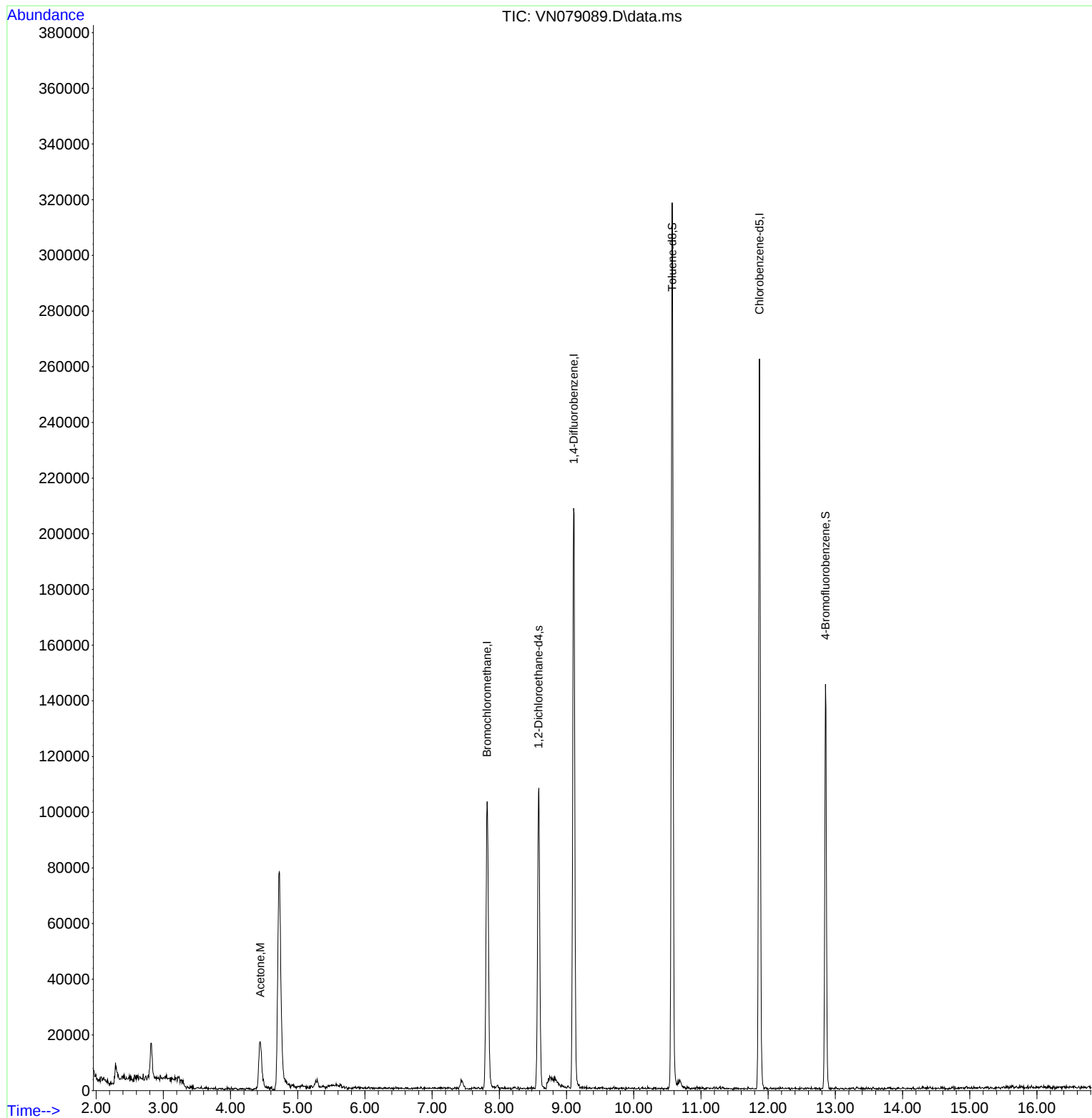
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
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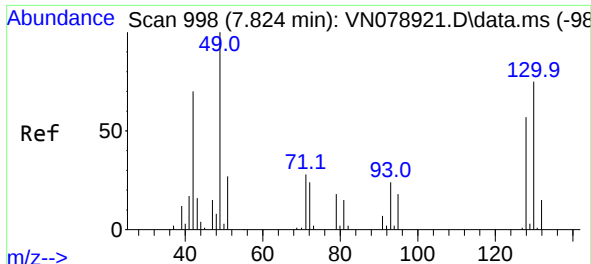
Instrument :
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OUTFALL-DSN-002DL

Quant Time: Aug 30 00:04:15 2023
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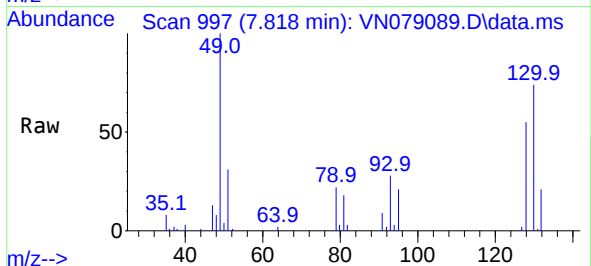
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN079089.D
Acq: 29 Aug 2023 13:16

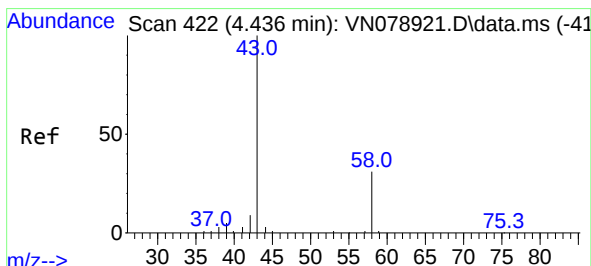
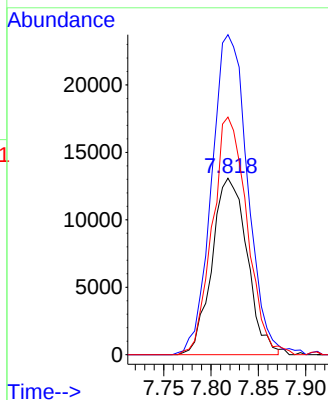
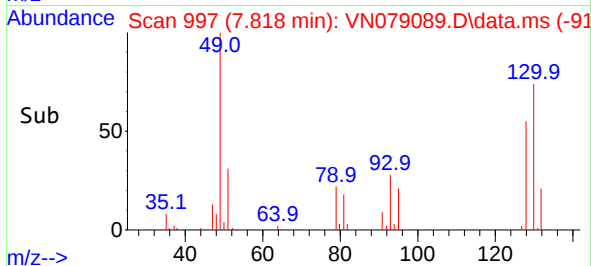
Instrument :
MSVOA_N
ClientSampleId :
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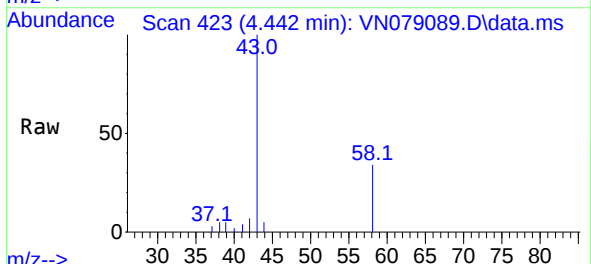
Tgt Ion:128 Resp: 3372
Ion Ratio Lower Upper
128 100
49 186.5 0.0 481.8
130 131.9 0.0 320.5

Manual Integrations
APPROVED

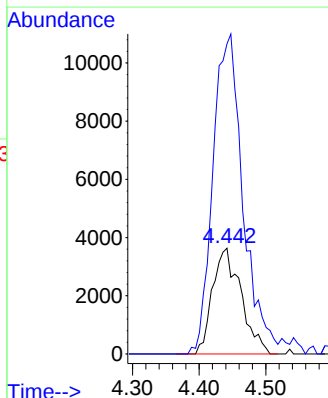
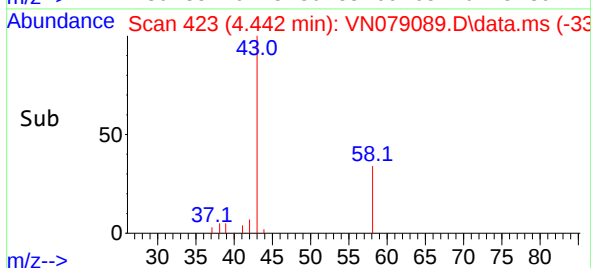
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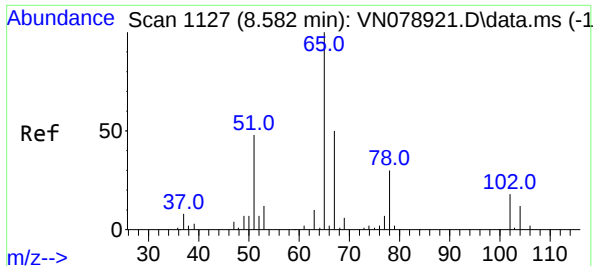


#15
Acetone
Concen: 32.000 ug/l m
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN079089.D
Acq: 29 Aug 2023 13:16



Tgt Ion: 58 Resp: 10804
Ion Ratio Lower Upper
58 100
43 293.4 260.6 390.8





#27
1,2-Dichloroethane-d4
Concen: 30.893 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079089.D
Acq: 29 Aug 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

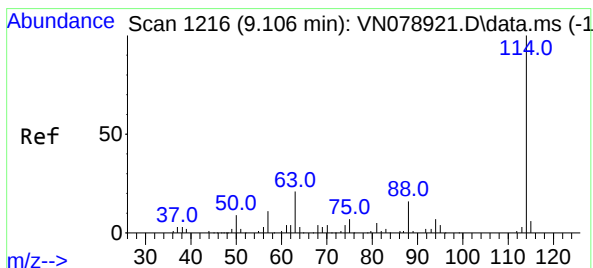
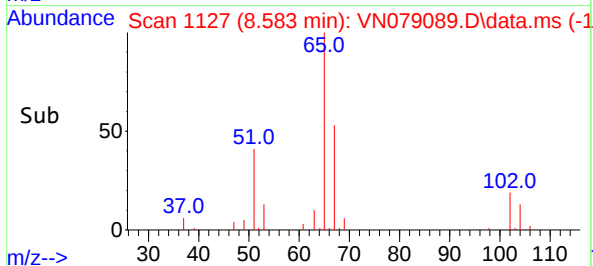
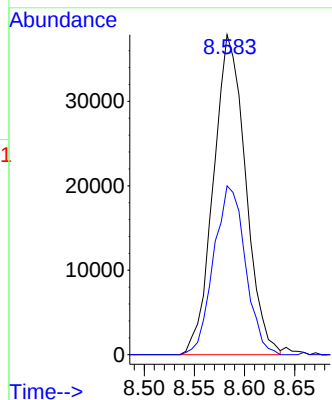
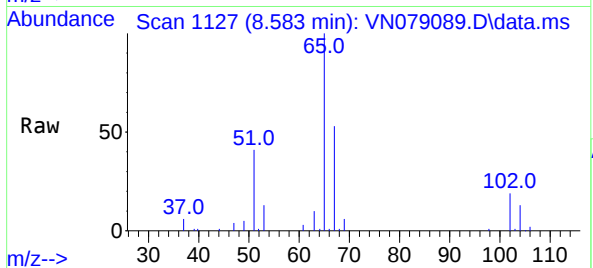
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Tgt Ion: 65 Resp: 8440
Ion Ratio Lower Upper
65 100
67 52.1 40.7 61.1

Manual Integrations

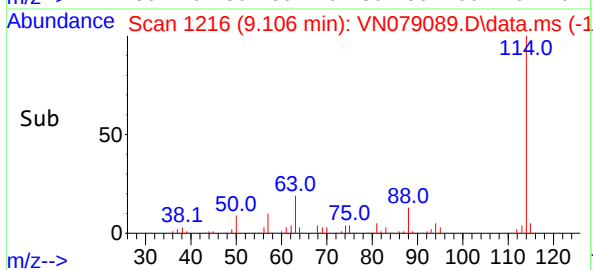
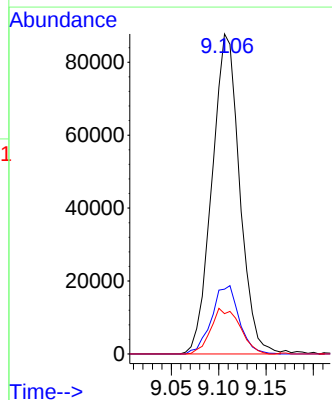
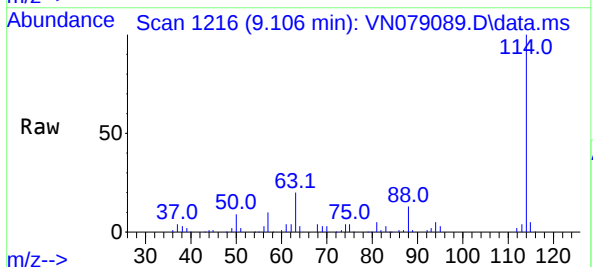
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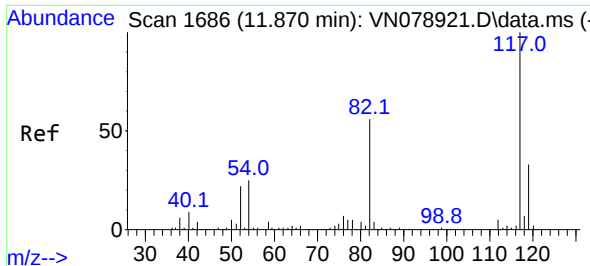
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079089.D
Acq: 29 Aug 2023 13:16

Tgt Ion:114 Resp: 178269
Ion Ratio Lower Upper
114 100
63 21.3 17.4 26.2
88 15.1 12.0 18.0





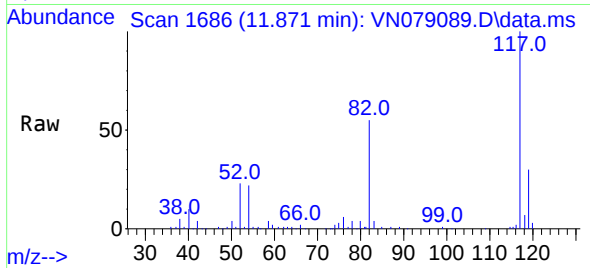
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079089.D
Acq: 29 Aug 2023 13:16

Instrument :

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ClientSampleId :

OUTFALL-DSN-002DL



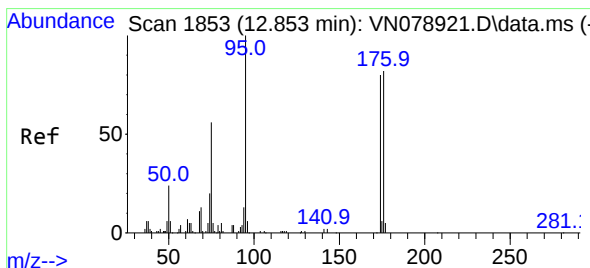
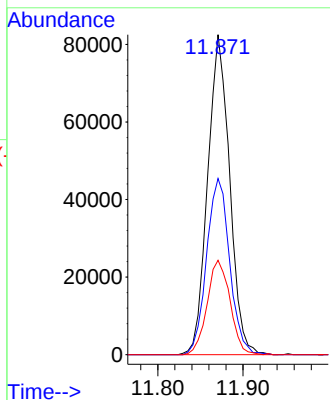
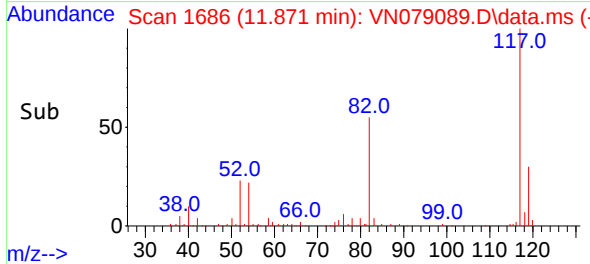
Tgt Ion:117 Resp: 147708
Ion Ratio Lower Upper
117 100
82 57.8 43.4 65.0
119 30.8 25.5 38.3

Manual Integrations

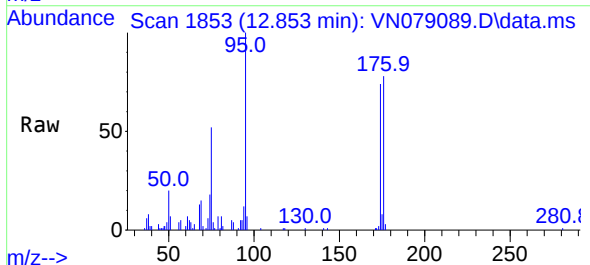
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Reviewed By :John Carlone 08/30/2023

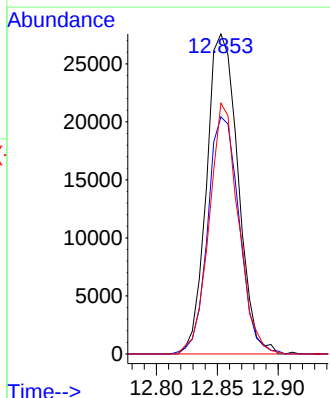
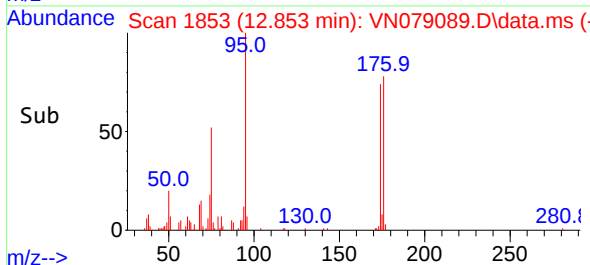
Supervised By :Mahesh Dadoda 09/01/2023

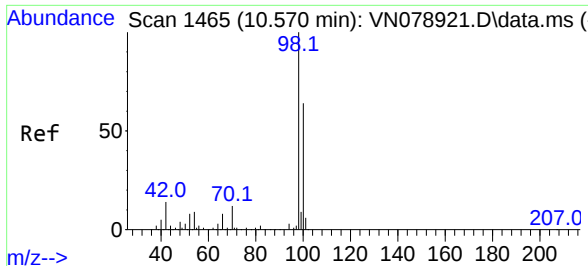


#60
4-Bromofluorobenzene
Concen: 22.941 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079089.D
Acq: 29 Aug 2023 13:16



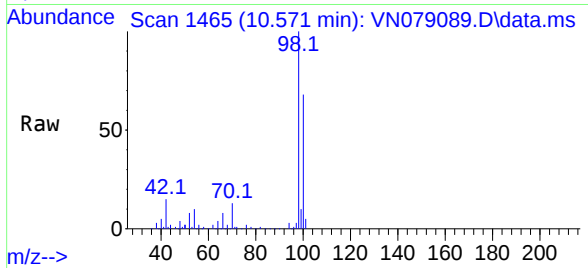
Tgt Ion: 95 Resp: 49430
Ion Ratio Lower Upper
95 100
174 74.4 64.8 97.2
176 73.1 63.0 94.6





#63
Toluene-d8
Concen: 30.700 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079089.D
Acq: 29 Aug 2023 13:16

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Tgt Ion: 98 Resp: 211760
Ion Ratio Lower Upper
98 100
100 64.9 51.1 76.7

Manual Integrations
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