

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079088.D
 Acq On : 29 Aug 2023 12:52
 Operator : JC\MD
 Sample : 04092-01DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001DL

Quant Time: Aug 30 00:04:03 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

Manual Integrations
 APPROVED

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

08/30/2023
 Supervised By : Mahesh
 Dadoda

09/01/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	34977	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	184476	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	156080	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	85426	30.147	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.500%
60) 4-Bromofluorobenzene	12.853	95	49566	21.770	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	72.567%
63) Toluene-d8	10.571	98	218992	30.045	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.167%
Target Compounds						
15) Acetone	4.442	58	11770m	33.612	ug/l	Qvalue

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

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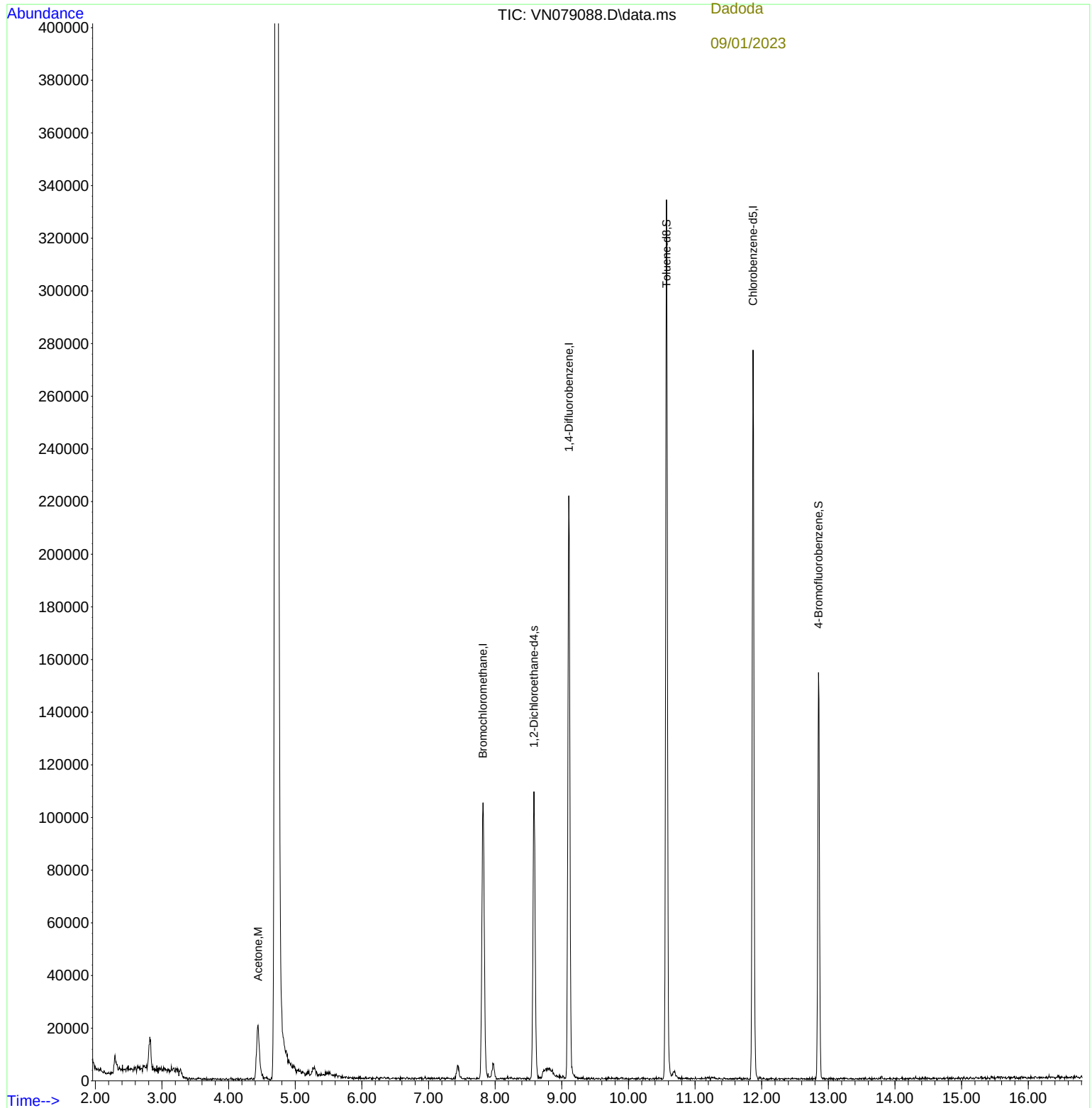
Quant Time: Aug 30 00:04:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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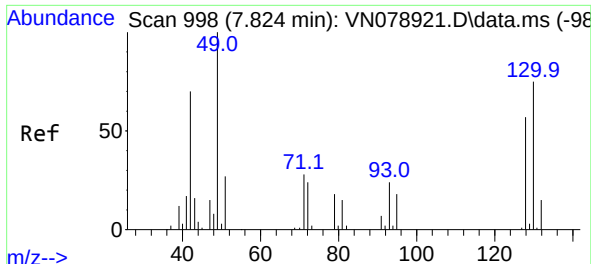
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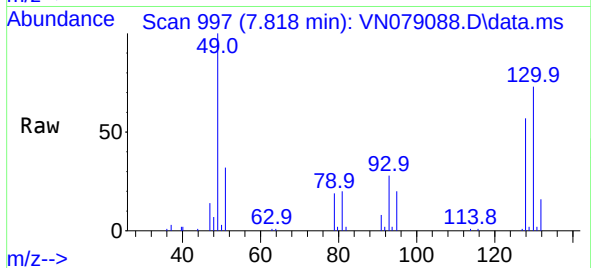
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079088.D
Acq: 29 Aug 2023 12:52

Instrument :
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ClientSampleId :
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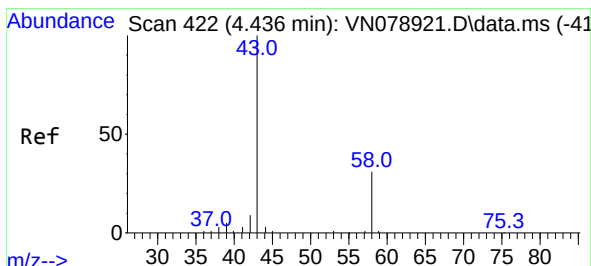
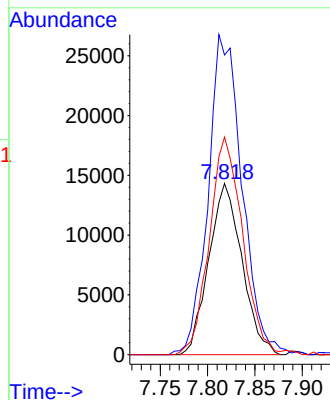
Tgt Ion:128 Resp: 3497
Ion Ratio Lower Upper
128 100
49 190.5 0.0 481.8
130 127.1 0.0 320.5

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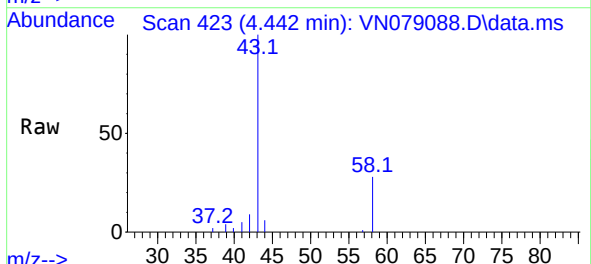
Reviewed By :John Carlone 08/30/2023
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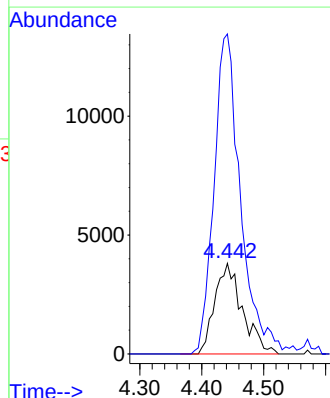
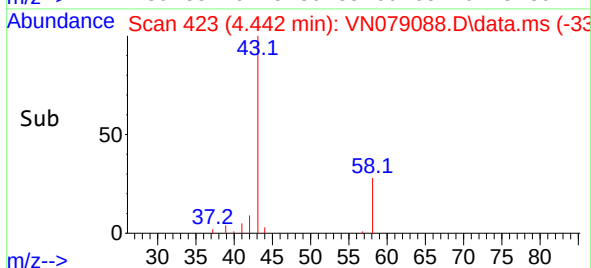
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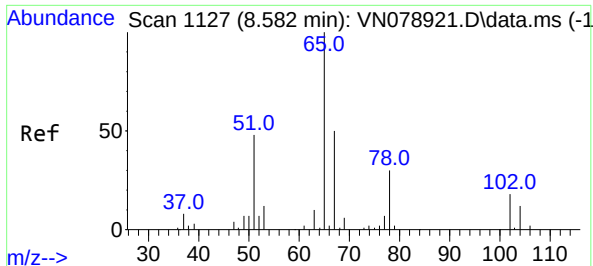


#15
Acetone
Concen: 33.612 ug/l m
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN079088.D
Acq: 29 Aug 2023 12:52



Tgt Ion: 58 Resp: 11770
Ion Ratio Lower Upper
58 100
43 353.1 260.6 390.8





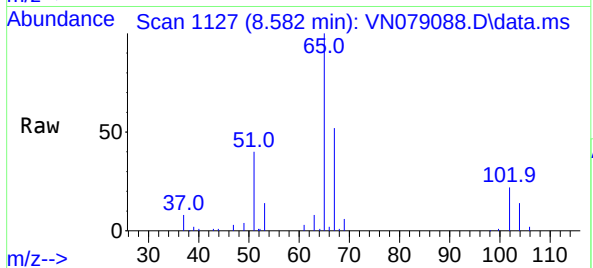
#27
1,2-Dichloroethane-d4
Concen: 30.147 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079088.D
Acq: 29 Aug 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001DL



Tgt Ion: 65 Resp: 85420
Ion Ratio Lower Upper
65 100
67 53.6 40.7 61.1

Manual Integrations

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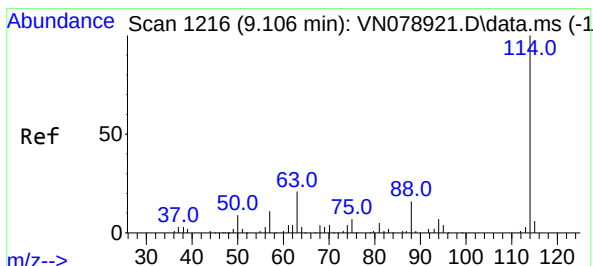
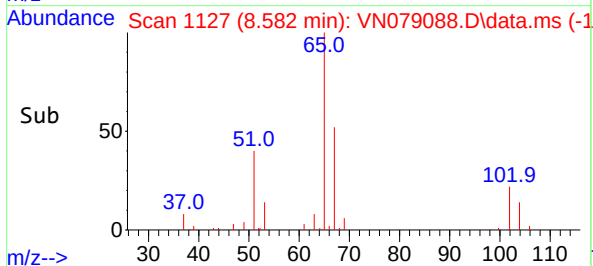
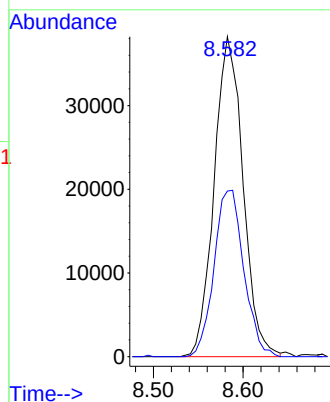
Reviewed By :John Carlone 08/30/2023

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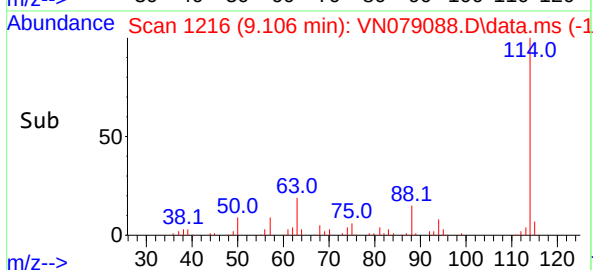
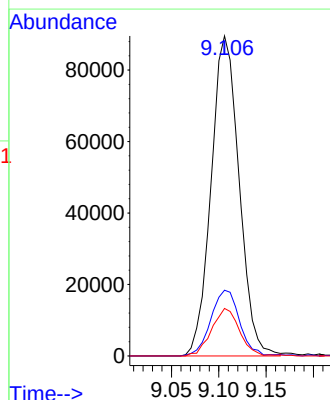
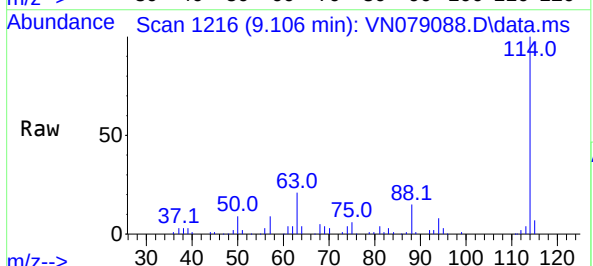
Supervised By :Mahesh
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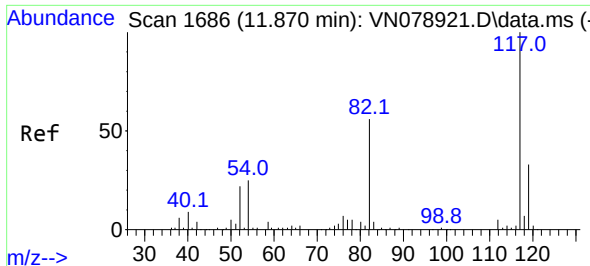
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079088.D
Acq: 29 Aug 2023 12:52

Tgt Ion:114 Resp: 184476
Ion Ratio Lower Upper
114 100
63 20.9 17.4 26.2
88 14.6 12.0 18.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079088.D
Acq: 29 Aug 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001DL

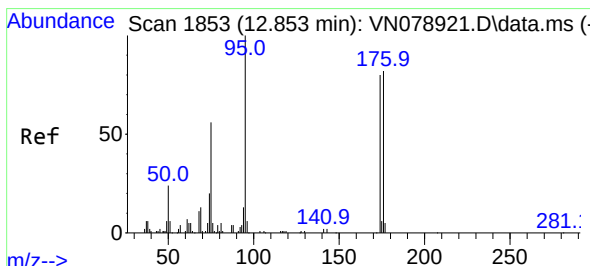
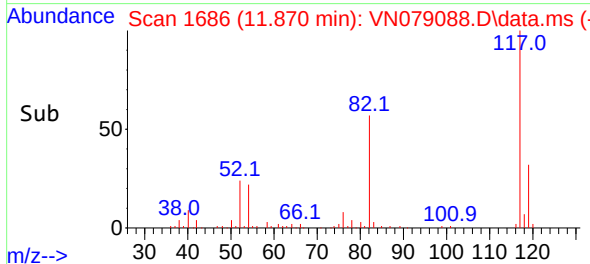
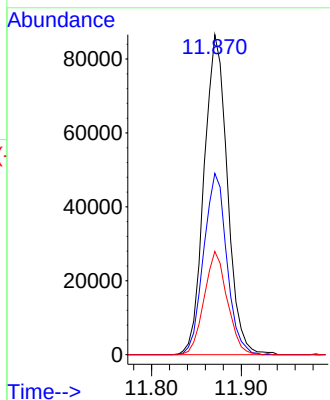
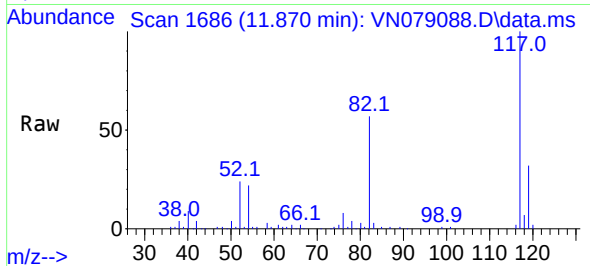
Tgt Ion:117 Resp: 156080
Ion Ratio Lower Upper
117 100
82 56.4 43.4 65.0
119 31.9 25.5 38.3

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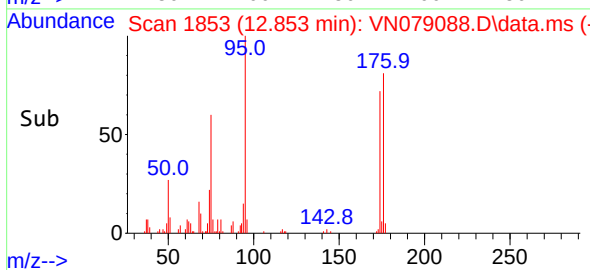
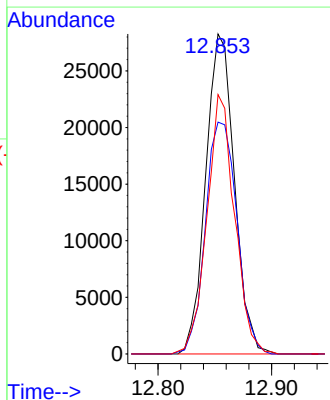
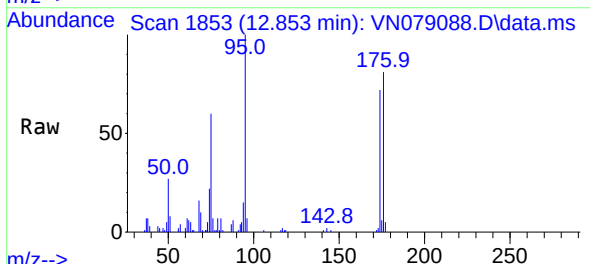
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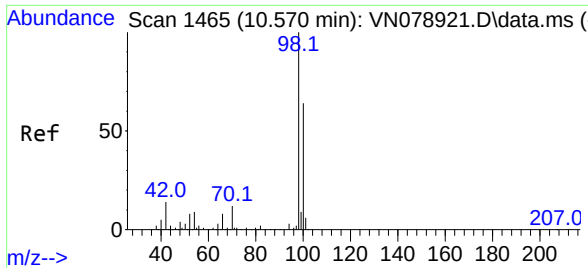
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#60
4-Bromofluorobenzene
Concen: 21.770 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079088.D
Acq: 29 Aug 2023 12:52

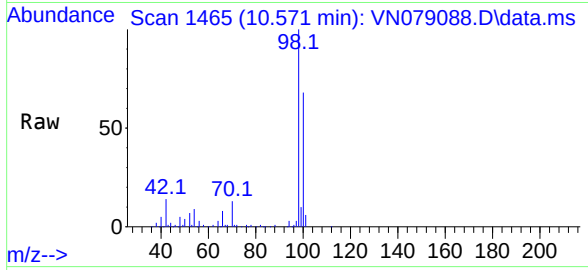
Tgt Ion: 95 Resp: 49566
Ion Ratio Lower Upper
95 100
174 79.7 64.8 97.2
176 78.2 63.0 94.6





#63
Toluene-d8
Concen: 30.045 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN079088.D
Acq: 29 Aug 2023 12:52

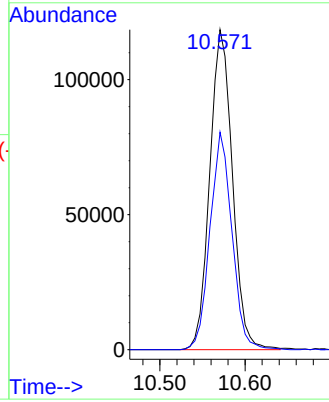
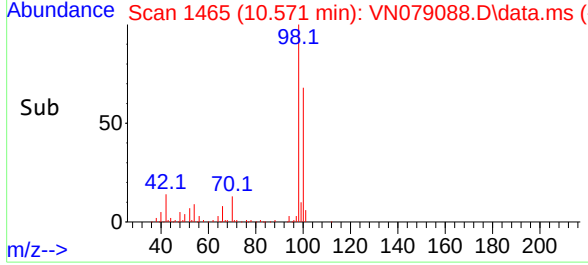
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001DL



Tgt Ion: 98 Resp: 218992
Ion Ratio Lower Upper
98 100
100 65.9 51.1 76.7

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