

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078538.D
 Acq On : 17 Jul 2023 13:11
 Operator : JC\MD
 Sample : 03637-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A508DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

Quant Time: Jul 18 04:21:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	412813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	735814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	693825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	249180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	271417	49.044	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.080%		
35) Dibromofluoromethane	8.171	113	277150	55.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.980%		
50) Toluene-d8	10.571	98	858738	45.510	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.020%		
62) 4-Bromofluorobenzene	12.853	95	302827	52.102	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.200%		
Target Compounds					Qvalue	
16) Acetone	4.442	43	212395	123.206	ug/l	97
25) 2-Butanone	7.506	43	10799	3.979	ug/l #	72

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

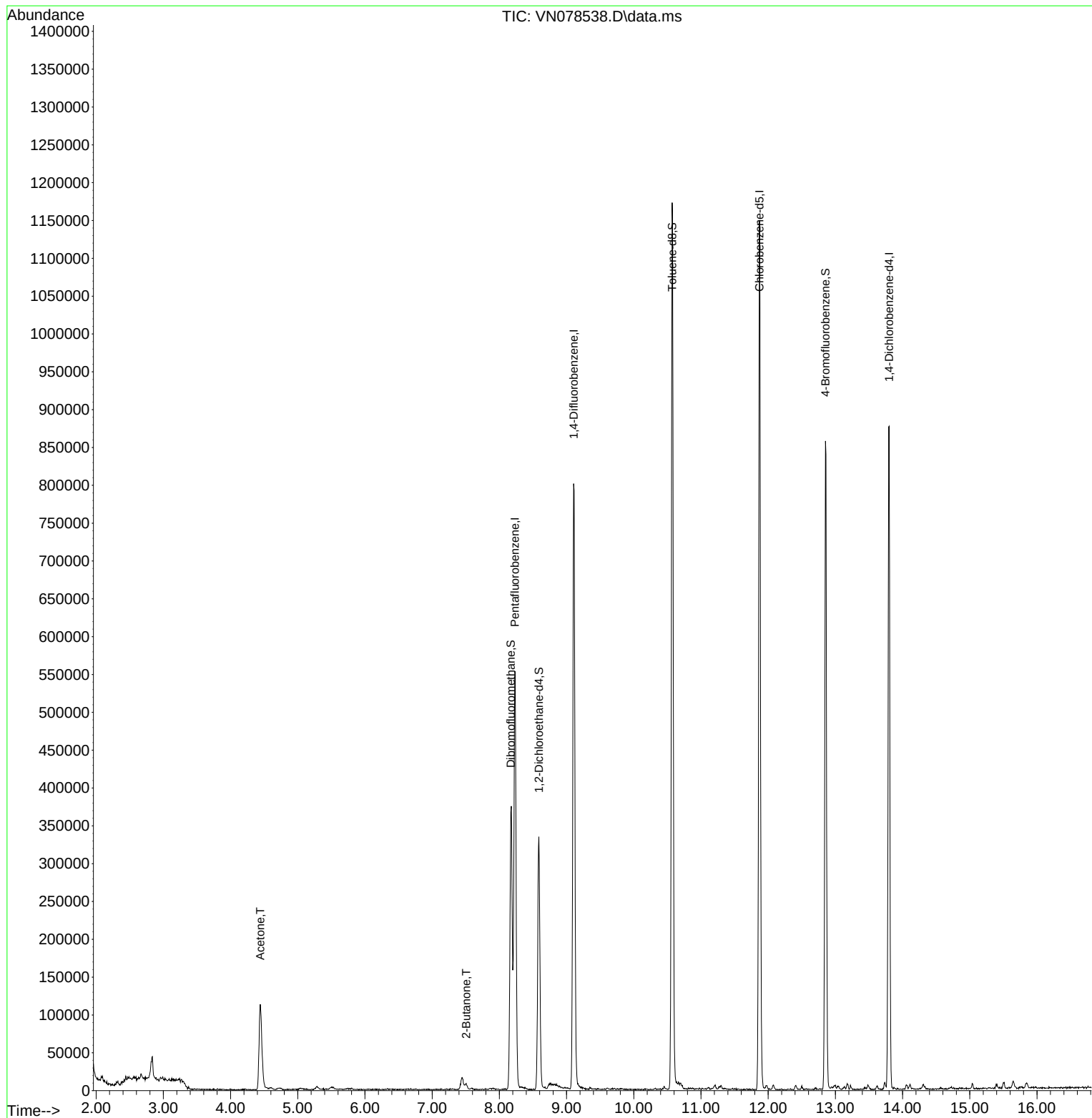
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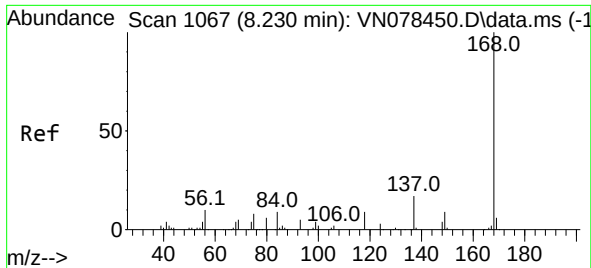
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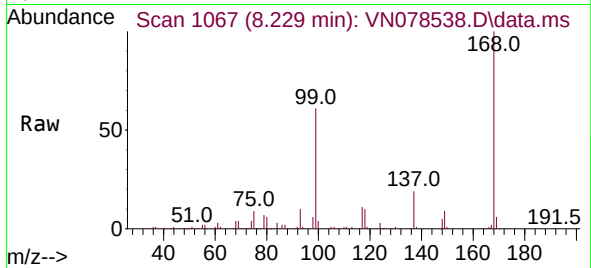
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

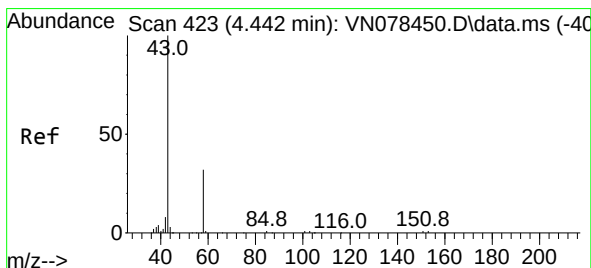
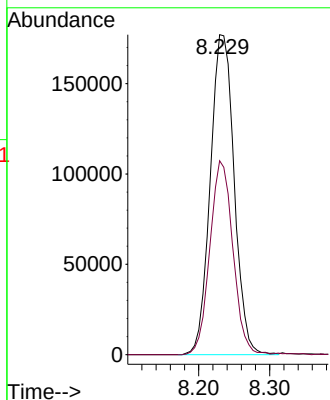
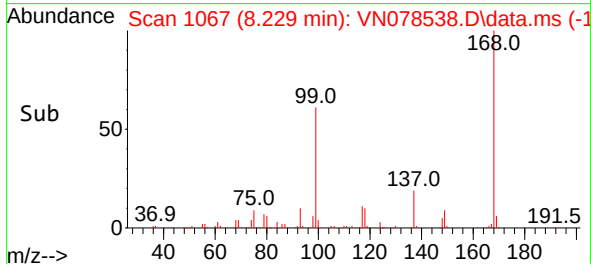
Instrument :
MSVOA_N
ClientSampleId :
A508DL



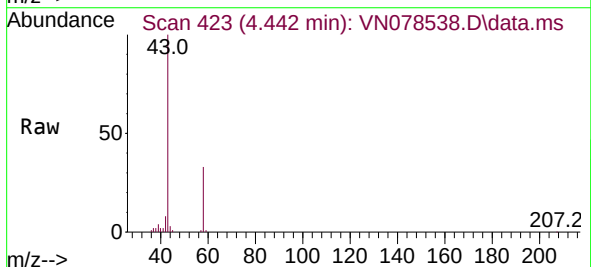
Tgt Ion:168 Resp: 41281
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6

Manual Integrations
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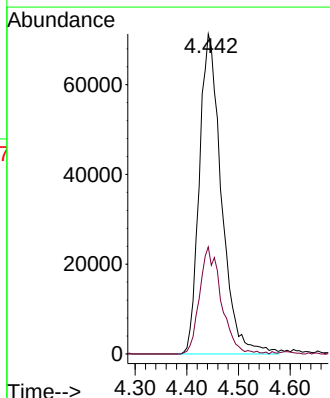
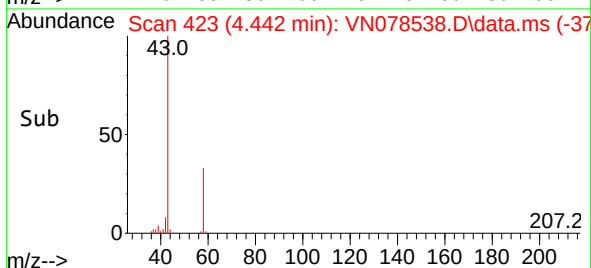
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

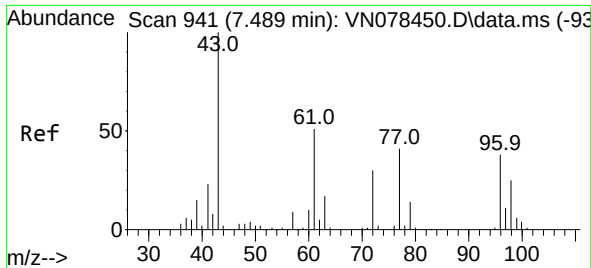


#16
Acetone
Concen: 123.206 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11



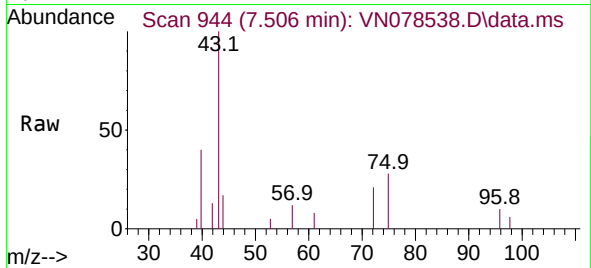
Tgt Ion: 43 Resp: 212395
Ion Ratio Lower Upper
43 100
58 33.4 28.0 42.0





#25
2-Butanone
Concen: 3.979 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.017 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

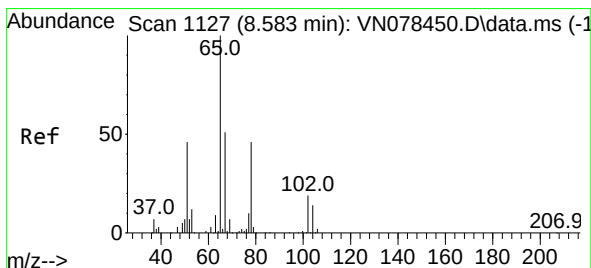
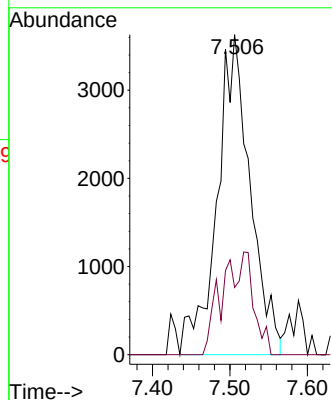
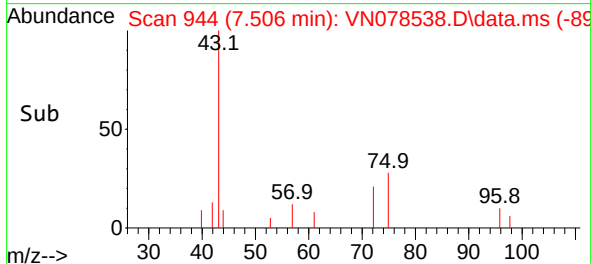
Instrument :
MSVOA_N
ClientSampleId :
A508DL



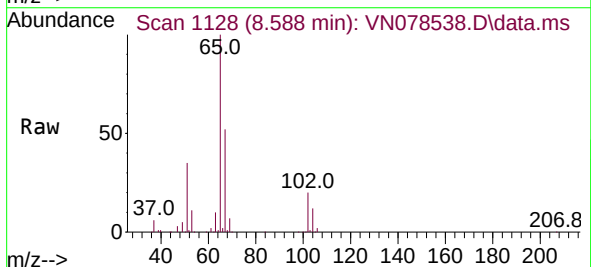
Tgt Ion: 43 Resp: 10799
Ion Ratio Lower Upper
43 100
72 21.0 30.2 45.2

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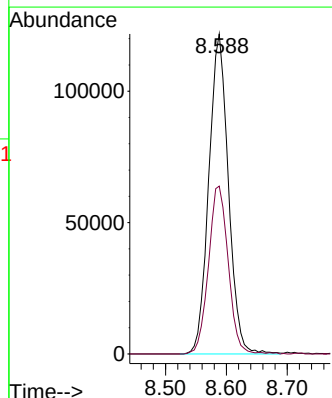
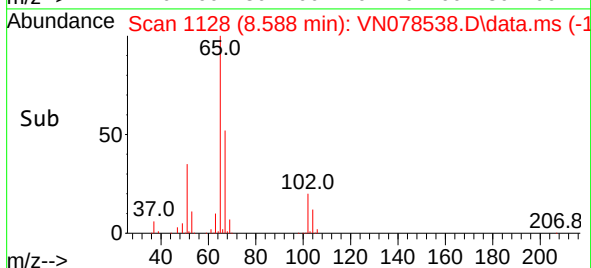
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

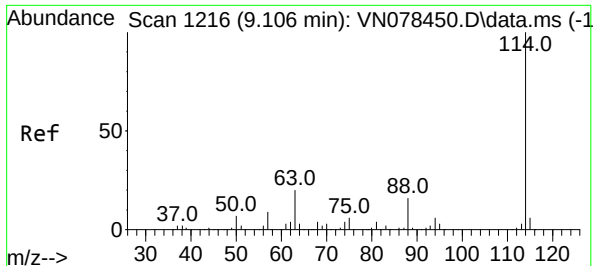


#33
1,2-Dichloroethane-d4
Concen: 49.044 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11



Tgt Ion: 65 Resp: 271417
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

A508DL

Tgt Ion:114 Resp: 735814

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

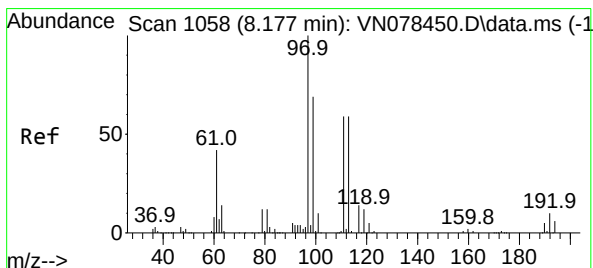
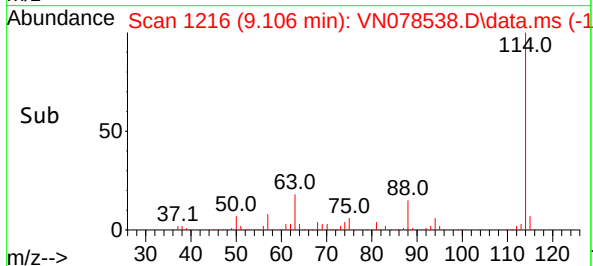
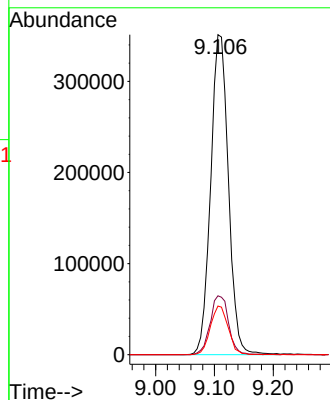
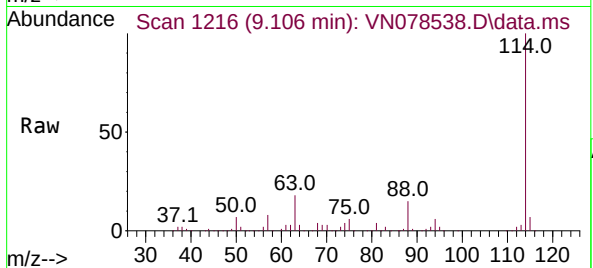
88 15.2 0.0 30.6

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#35

Dibromofluoromethane

Concen: 55.486 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

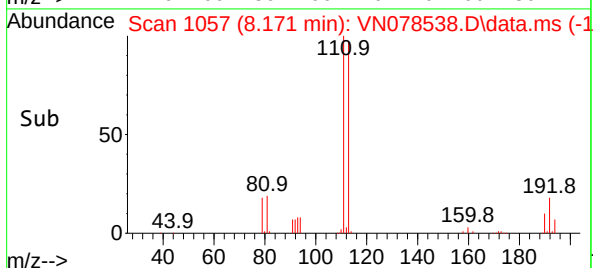
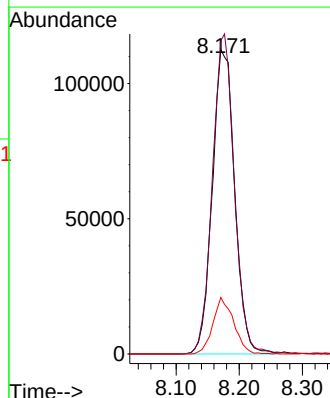
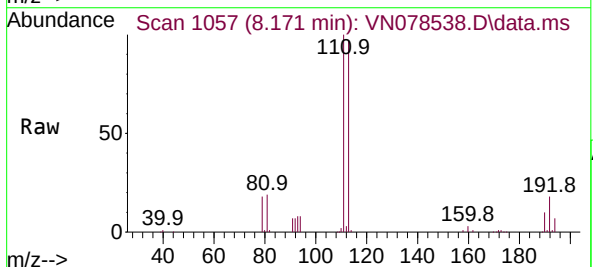
Tgt Ion:113 Resp: 277150

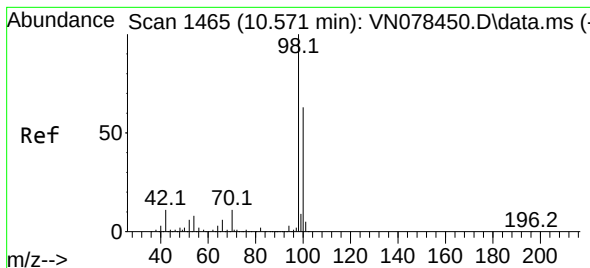
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

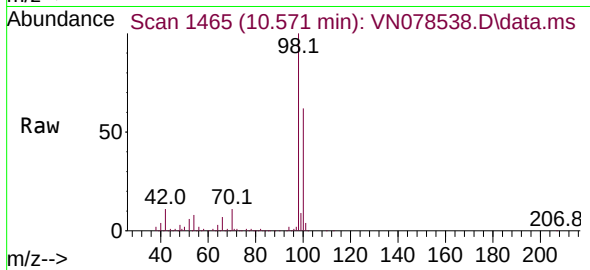
192 17.3 12.7 19.1





#50
Toluene-d8
Concen: 45.510 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

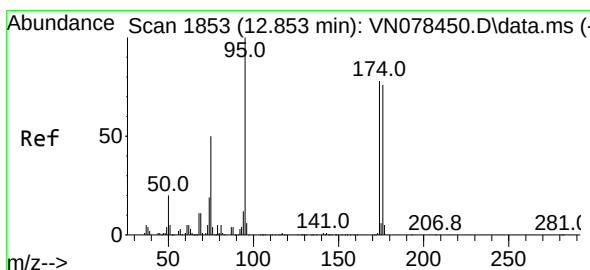
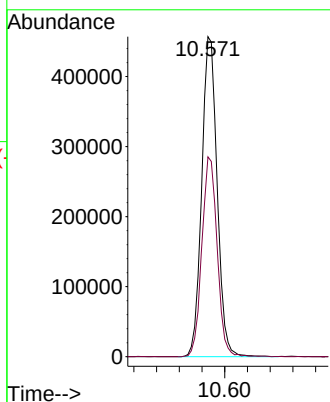
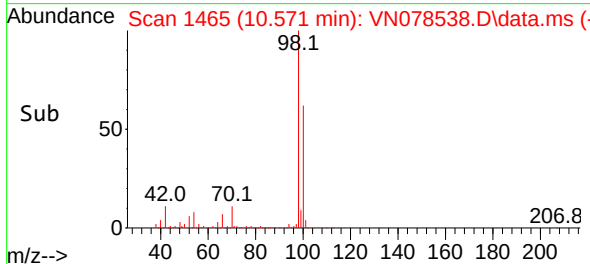
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Tgt Ion: 98 Resp: 858738
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0

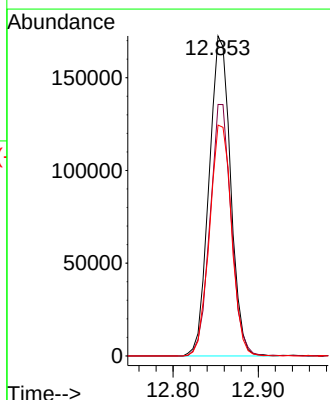
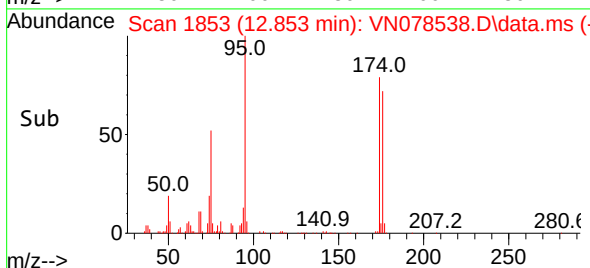
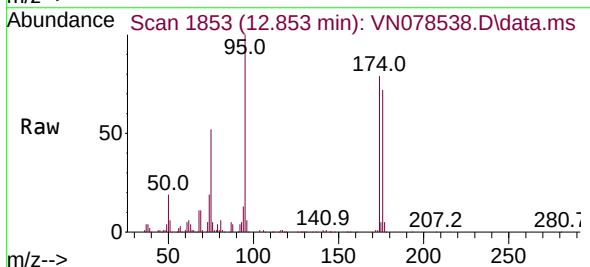
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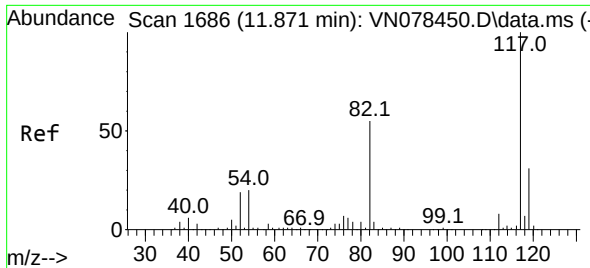
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#62
4-Bromofluorobenzene
Concen: 52.102 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

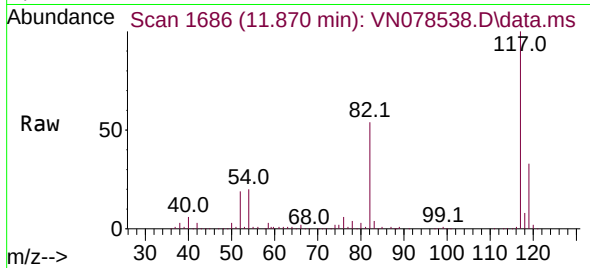
Tgt Ion: 95 Resp: 302827
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 73.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

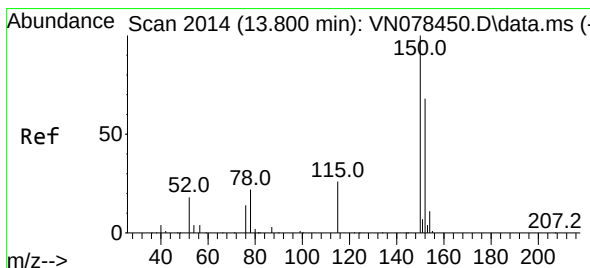
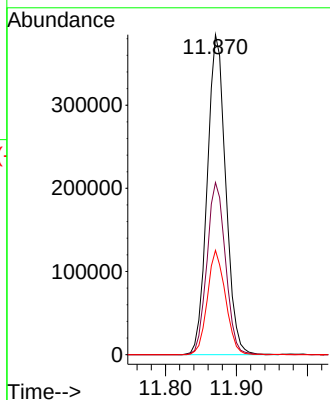
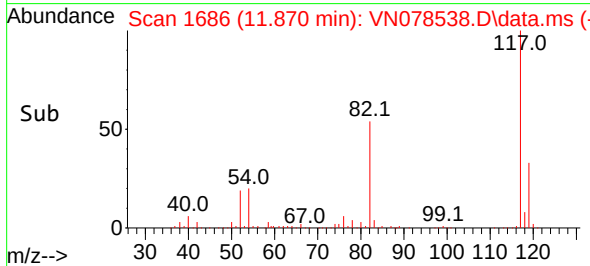
Instrument :
MSVOA_N
ClientSampleId :
A508DL



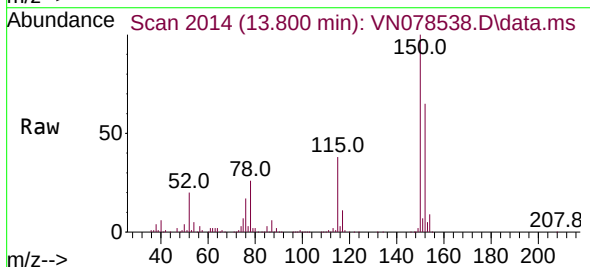
Tgt Ion:117 Resp: 693825
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 32.6 25.6 38.4

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Supervised By :Mahesh Dadoda 07/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1204
Delta R.T. -0.000 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11



Tgt Ion:152 Resp: 249180
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 157.6 0.0 355.8

