

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078494.D
 Acq On : 13 Jul 2023 13:22
 Operator : JC\MD
 Sample : 03611-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20230712

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Semsettin Yesilyurt 07/14/2023

Quant Time: Jul 14 05:41:38 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	8.236	168	423365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	768358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	707947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	256408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	289498	51.007	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 102.020%		
35) Dibromofluoromethane	8.177	113	290136	55.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 111.260%		
50) Toluene-d8	10.577	98	877081	44.513	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 89.020%		
62) 4-Bromofluorobenzene	12.853	95	316244	52.106	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 104.220%		
Target Compounds						Qvalue
16) Acetone	4.459	43	5083m	2.875	ug/l	
20) Methylene Chloride	5.300	84	12321	1.237	ug/l	88

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

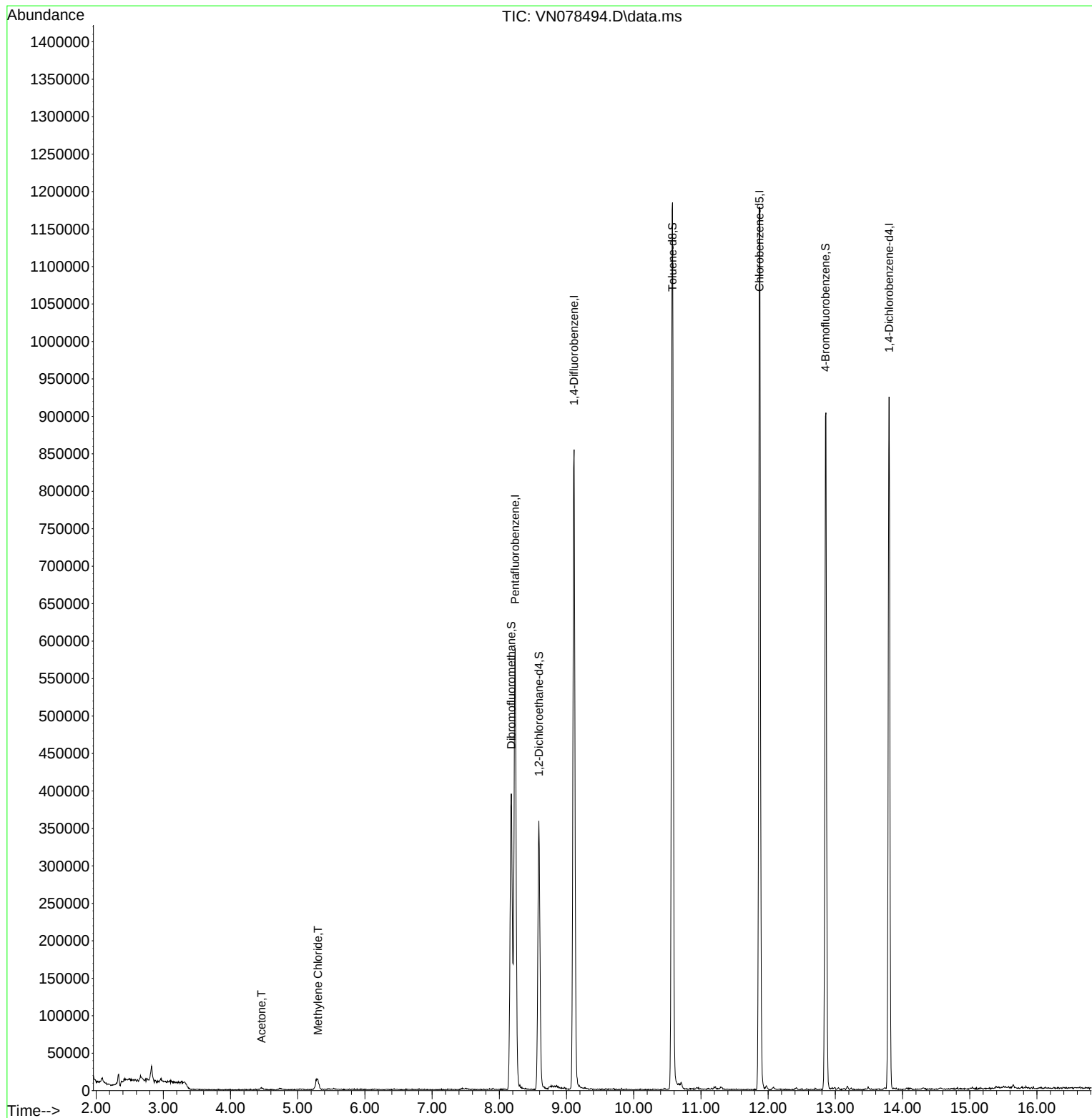
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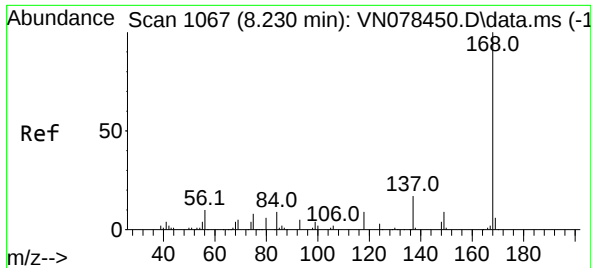
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Quant Time: Jul 14 05:41:38 2023
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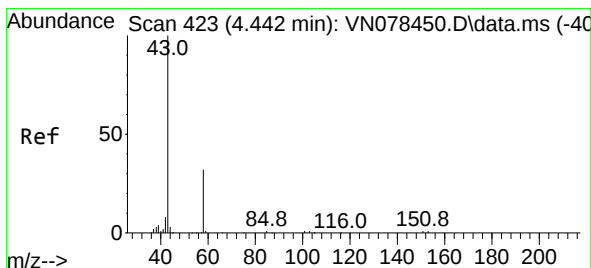
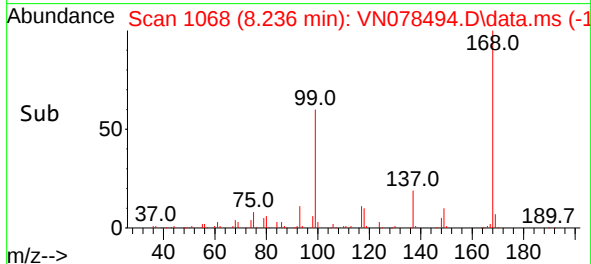
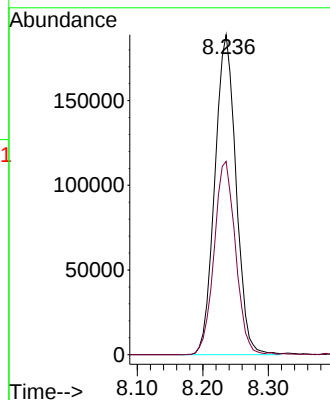
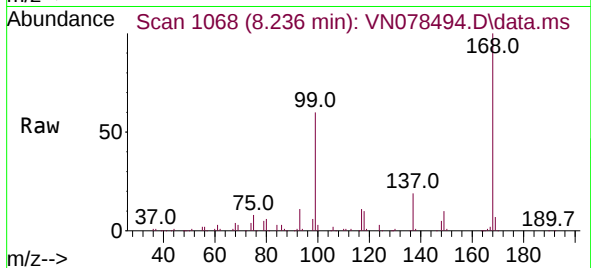
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078494.D
Acq: 13 Jul 2023 13:22

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20230712

Tgt Ion:168 Resp: 42336
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6

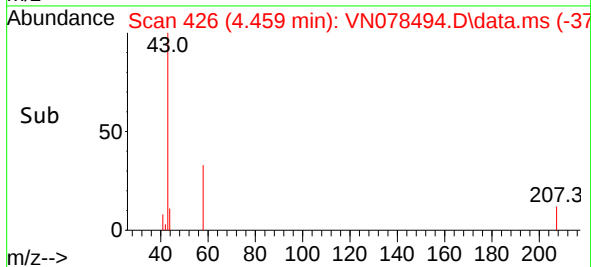
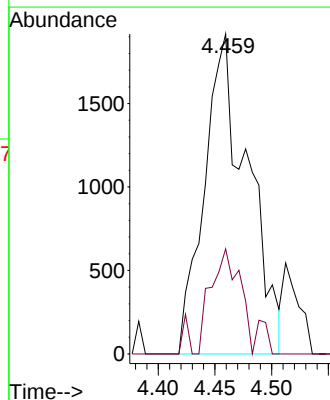
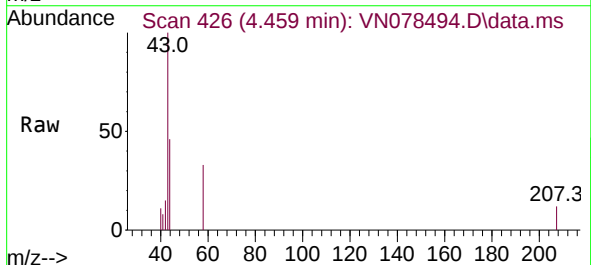
Manual Integrations
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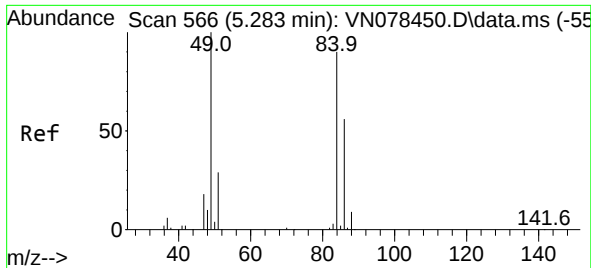
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#16
Acetone
Concen: 2.875 ug/l m
RT: 4.459 min Scan# 426
Delta R.T. 0.017 min
Lab File: VN078494.D
Acq: 13 Jul 2023 13:22

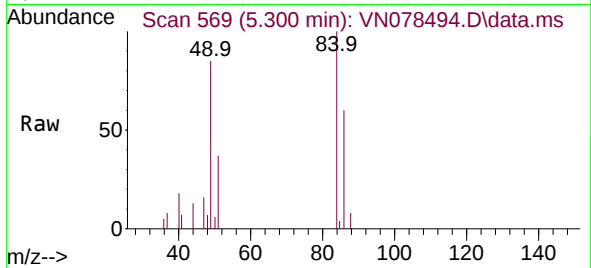
Tgt Ion: 43 Resp: 5083
Ion Ratio Lower Upper
43 100
58 32.8 28.0 42.0





#20
Methylene Chloride
Concen: 1.237 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN078494.D
Acq: 13 Jul 2023 13:22

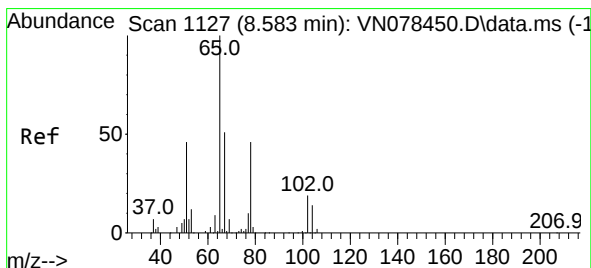
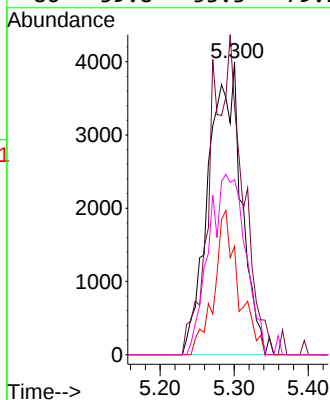
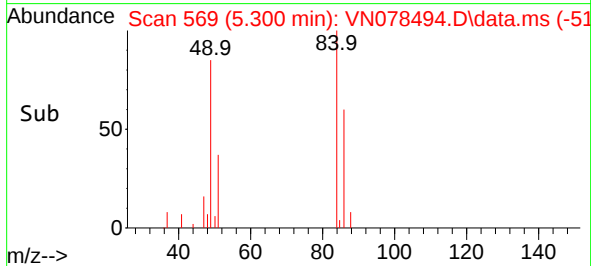
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20230712



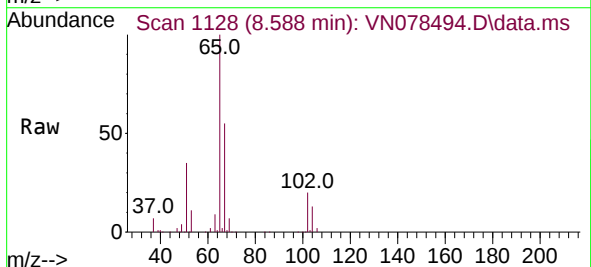
Tgt Ion: 84 Resp: 1232
Ion Ratio Lower Upper
84 100
49 84.9 79.7 119.5
51 37.0 25.2 37.8
86 59.8 53.3 79.9

Manual Integrations
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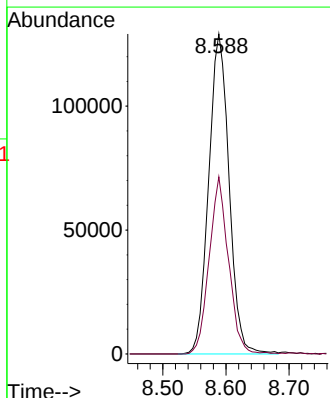
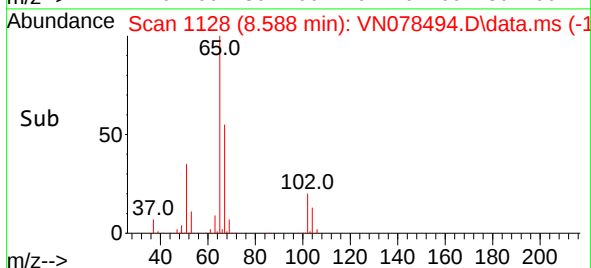
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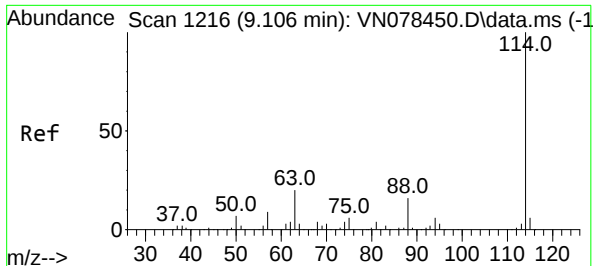


#33
1,2-Dichloroethane-d4
Concen: 51.007 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078494.D
Acq: 13 Jul 2023 13:22



Tgt Ion: 65 Resp: 289498
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078494.D

Acq: 13 Jul 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20230712

Tgt Ion:114 Resp: 76835

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

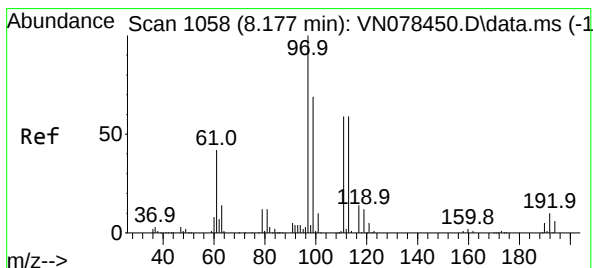
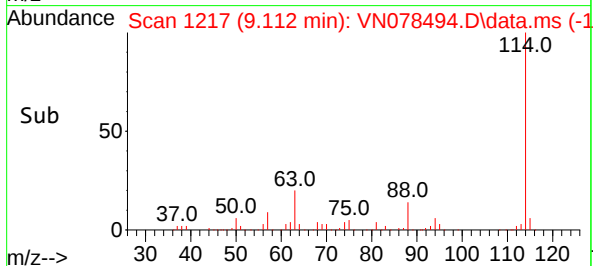
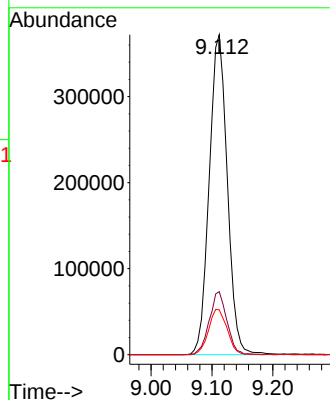
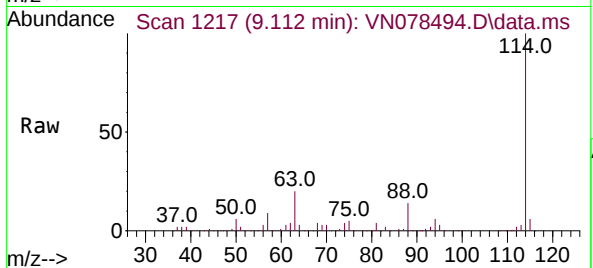
88 14.0 0.0 30.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 55.626 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078494.D

Acq: 13 Jul 2023 13:22

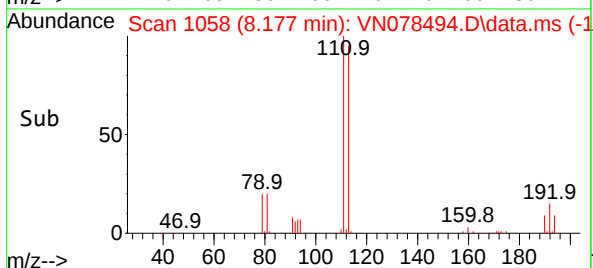
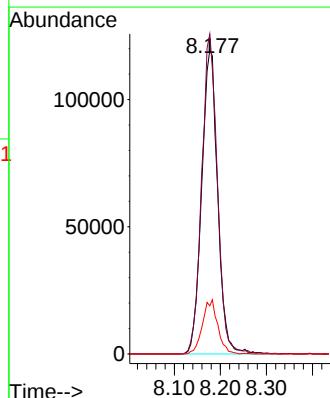
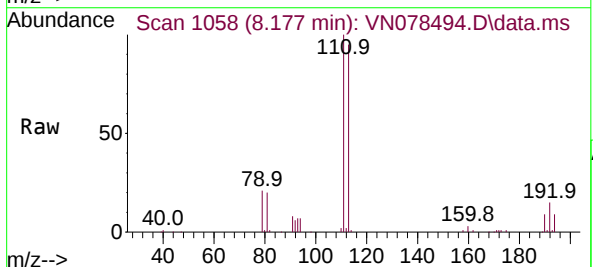
Tgt Ion:113 Resp: 290136

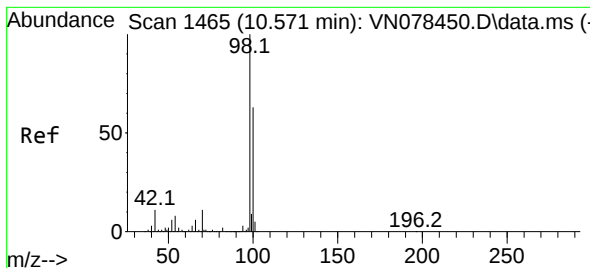
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

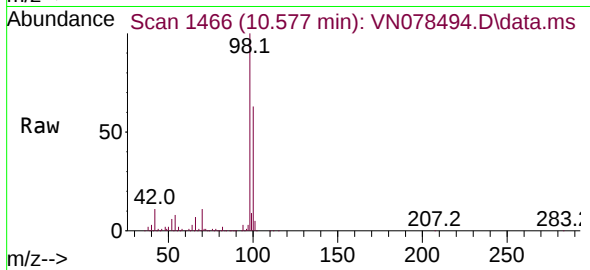
192 17.0 12.7 19.1





#50
Toluene-d8
Concen: 44.513 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078494.D
Acq: 13 Jul 2023 13:22

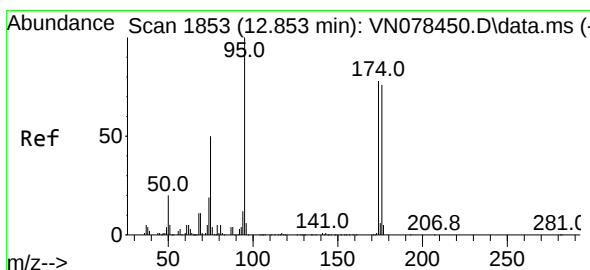
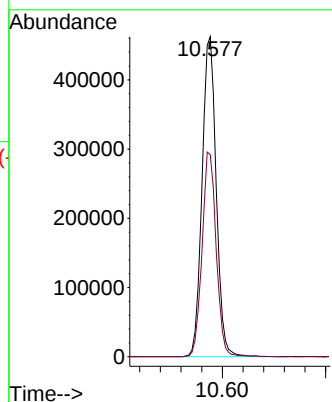
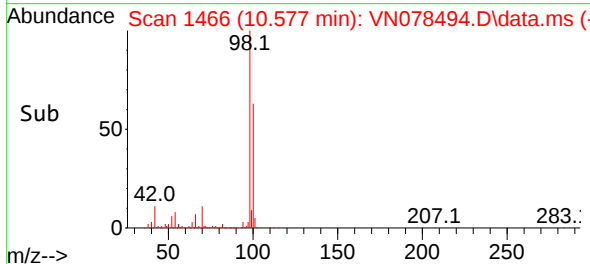
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Tgt Ion: 98 Resp: 87708
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

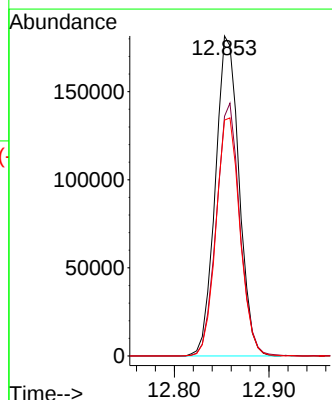
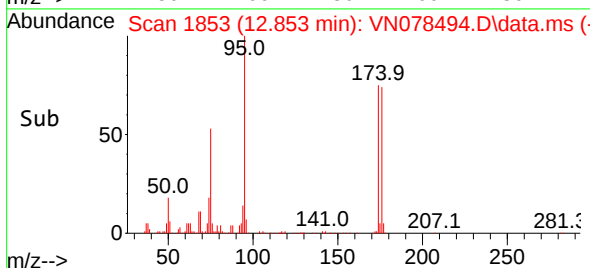
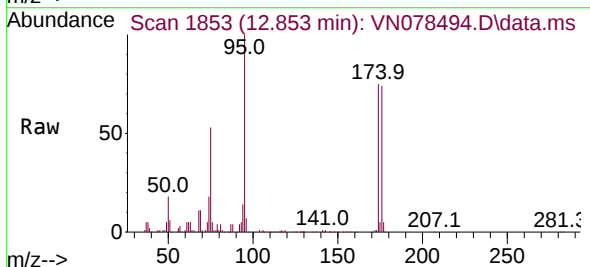
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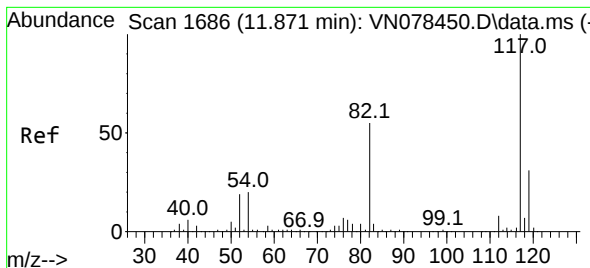
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#62
4-Bromofluorobenzene
Concen: 52.106 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078494.D
Acq: 13 Jul 2023 13:22

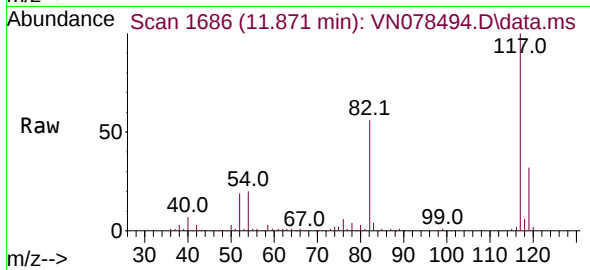
Tgt Ion: 95 Resp: 316244
Ion Ratio Lower Upper
95 100
174 78.0 0.0 143.8
176 75.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078494.D
Acq: 13 Jul 2023 13:22

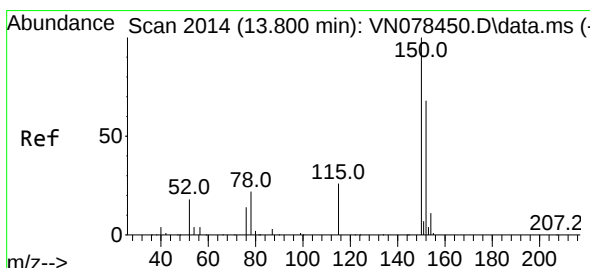
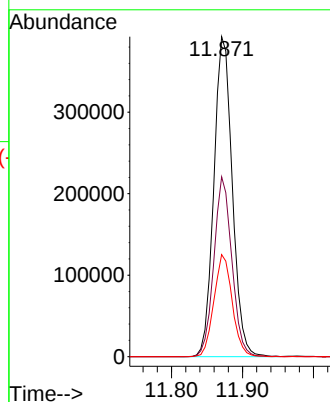
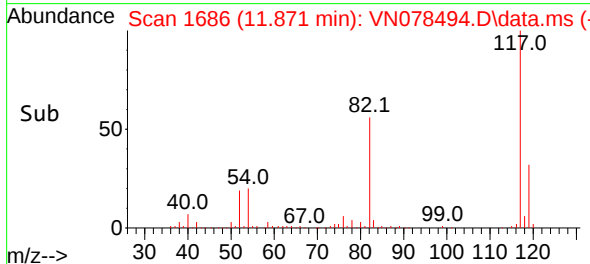
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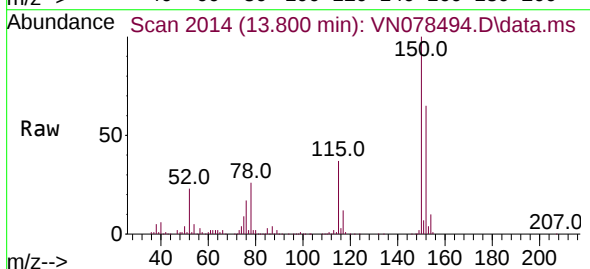
Tgt Ion:117 Resp: 70794
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 31.9 25.6 38.4

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078494.D
Acq: 13 Jul 2023 13:22



Tgt Ion:152 Resp: 256408
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 157.6 0.0 355.8

