

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078217.D
 Acq On : 14 Jun 2023 19:45
 Operator : JC\MD
 Sample : 03231-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-1D-06132023

Quant Time: Jun 15 02:48:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	435579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	822189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	720060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	226189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	318012	54.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.520%			
35) Dibromofluoromethane	8.177	113	284910	54.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.620%			
50) Toluene-d8	10.570	98	976935	48.747	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.500%			
62) 4-Bromofluorobenzene	12.853	95	298086	47.845	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.680%			
Target Compounds						
12) 1,1-Dichloroethene	4.341	96	5023m	1.056	ug/l	
21) trans-1,2-Dichloroethene	5.788	96	2120m	0.413	ug/l	
27) cis-1,2-Dichloroethene	7.500	96	14777	2.415	ug/l	96
44) Trichloroethene	9.359	130	1487049	252.941	ug/l	99

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

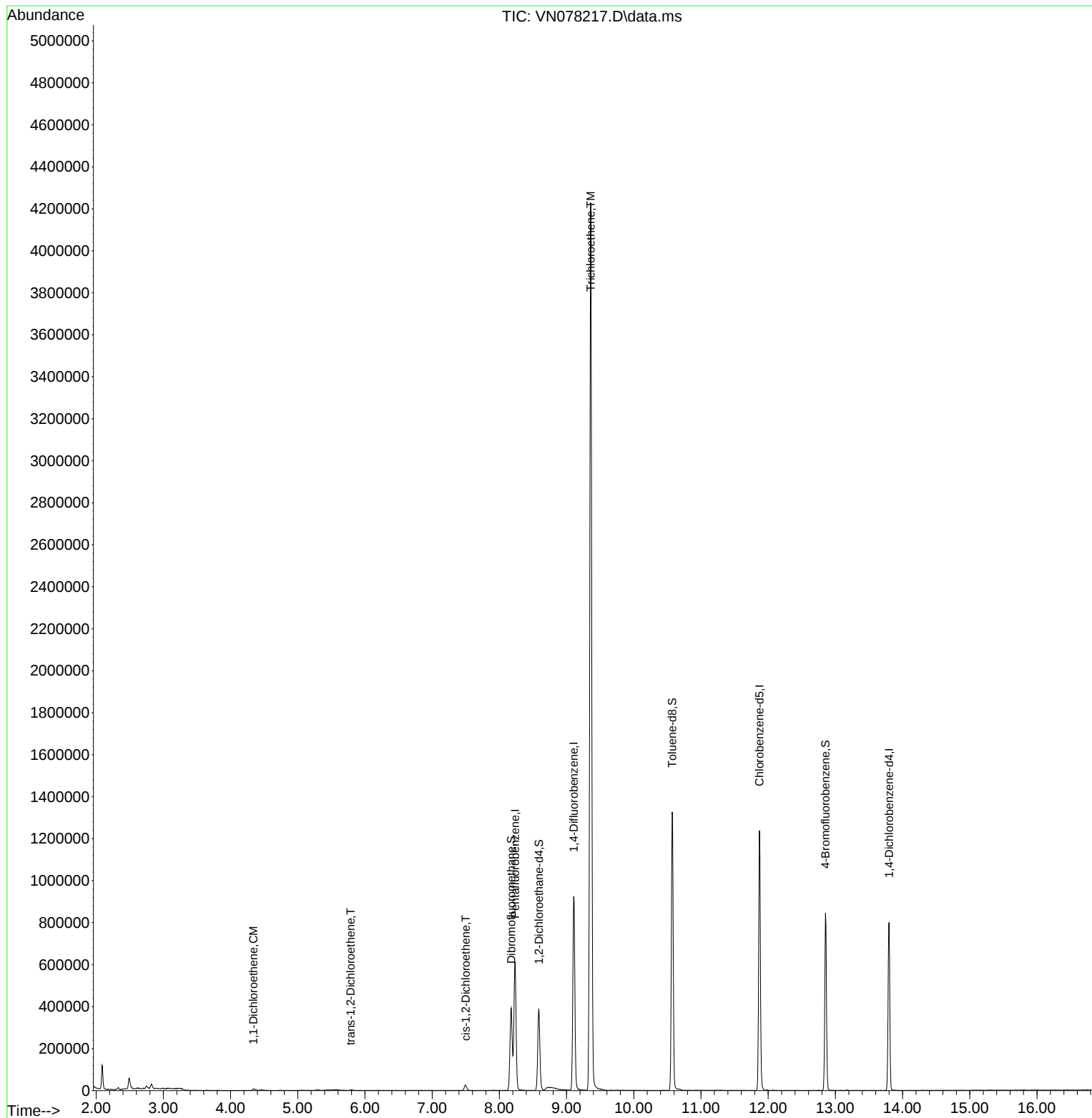
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
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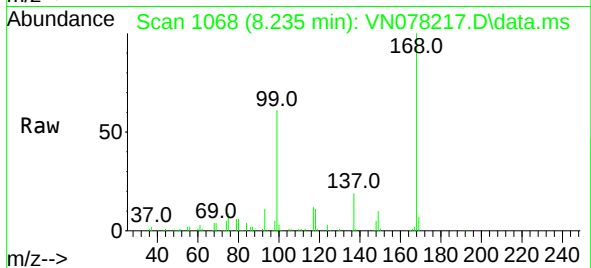
Reviewed By : John Carlone 06/15/2023
Supervised By : Mahesh Dadoda 06/15/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078217.D
Acq: 14 Jun 2023 19:45

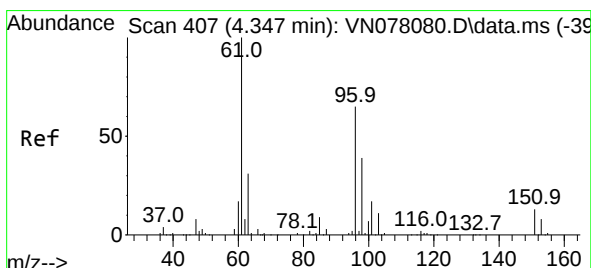
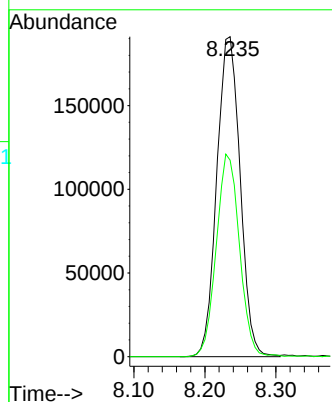
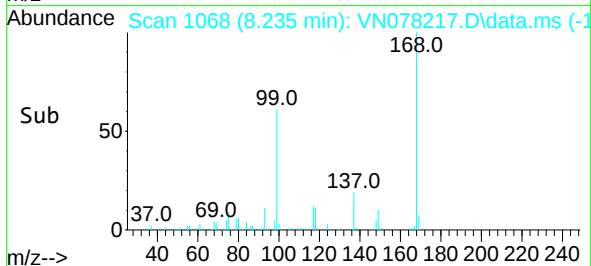
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-1D-06132023



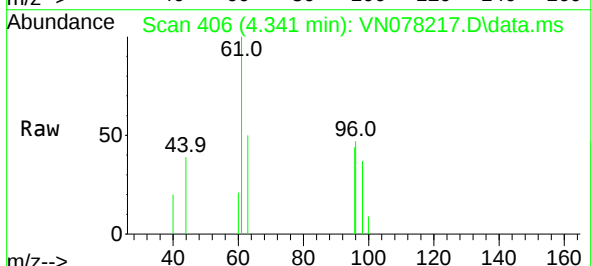
Tgt Ion:168 Resp: 435579
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6

Manual Integrations
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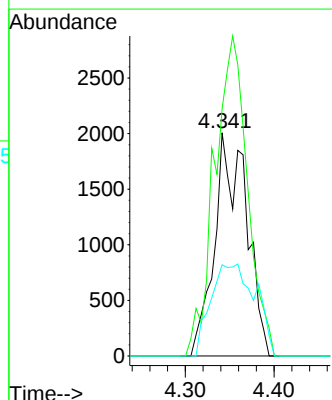
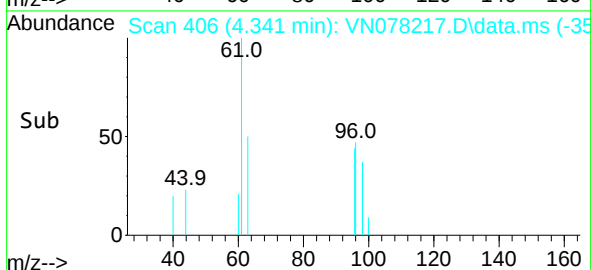
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

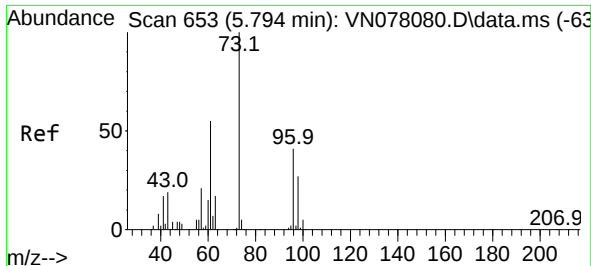


#12
1,1-Dichloroethene
Concen: 1.056 ug/l m
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078217.D
Acq: 14 Jun 2023 19:45



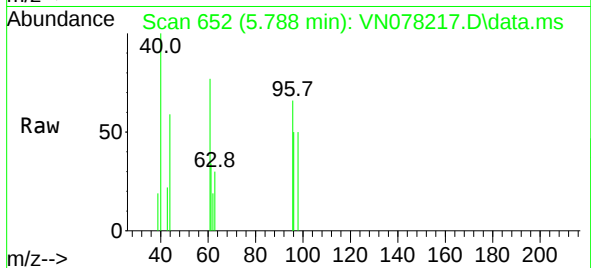
Tgt Ion: 96 Resp: 5023
Ion Ratio Lower Upper
96 100
61 214.6 112.7 169.1#
98 79.2 51.2 76.8#





#21
trans-1,2-Dichloroethene
Concen: 0.413 ug/l m
RT: 5.788 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN078217.D
Acq: 14 Jun 2023 19:45

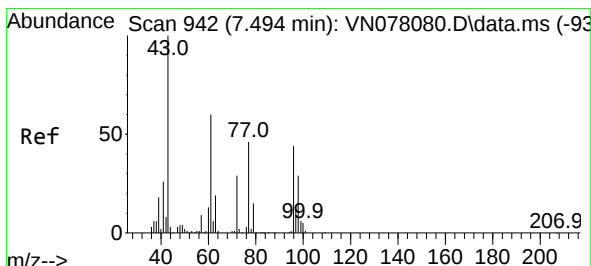
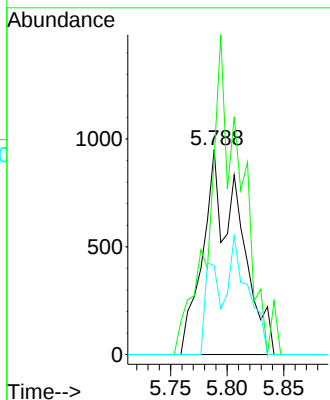
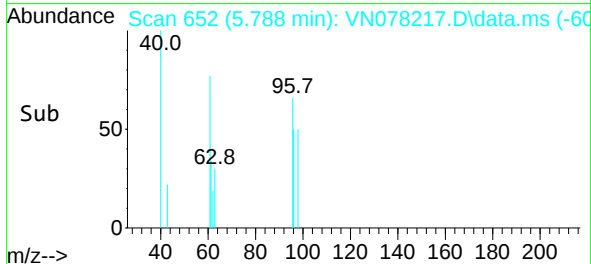
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-1D-06132023



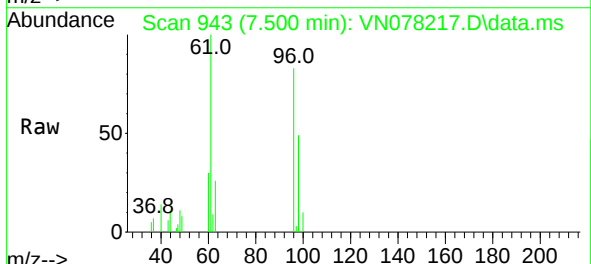
Tgt Ion: 96 Resp: 2120
Ion Ratio Lower Upper
96 100
61 116.6 90.1 135.1
98 76.2 46.4 69.6

Manual Integrations
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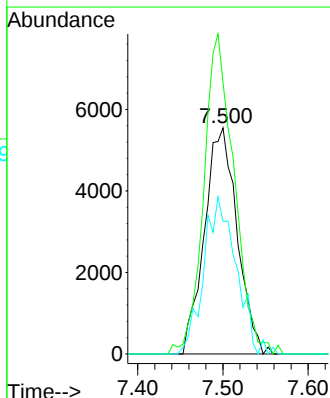
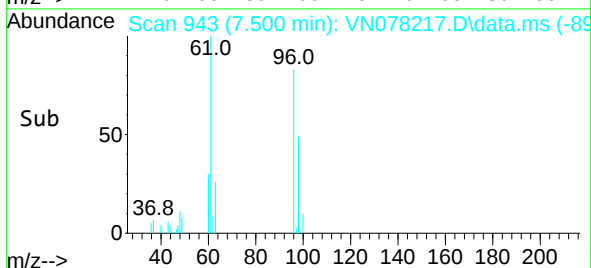
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

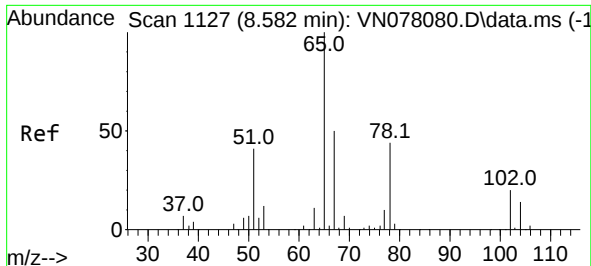


#27
cis-1,2-Dichloroethene
Concen: 2.415 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078217.D
Acq: 14 Jun 2023 19:45



Tgt Ion: 96 Resp: 14777
Ion Ratio Lower Upper
96 100
61 131.9 0.0 255.2
98 67.9 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 54.758 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078217.D

Acq: 14 Jun 2023 19:45

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-1D-06132023

Tgt Ion: 65 Resp: 31801

Ion Ratio Lower Upper

65 100

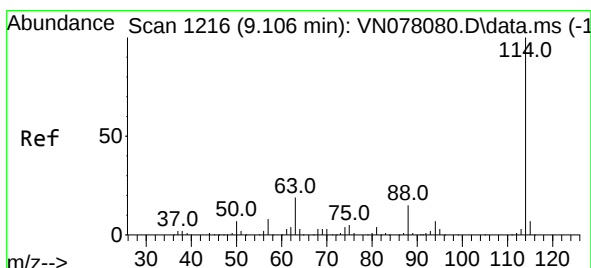
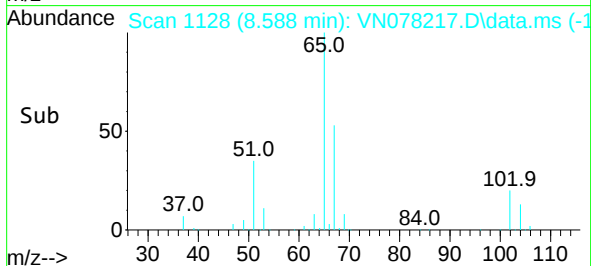
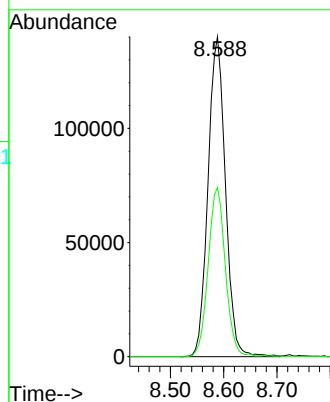
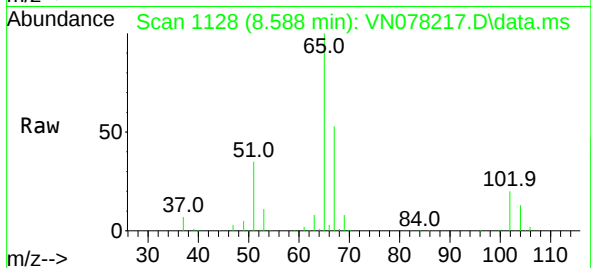
67 52.2 0.0 106.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078217.D

Acq: 14 Jun 2023 19:45

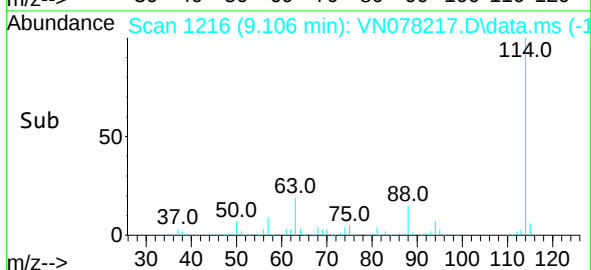
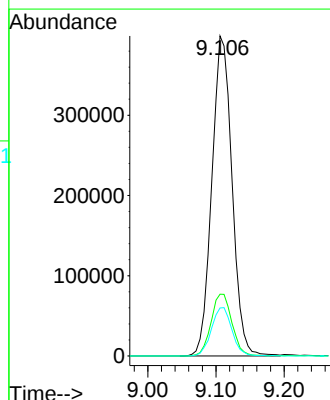
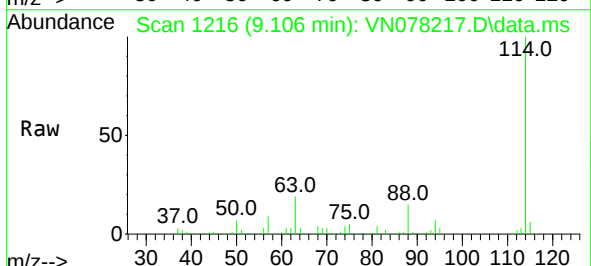
Tgt Ion:114 Resp: 822189

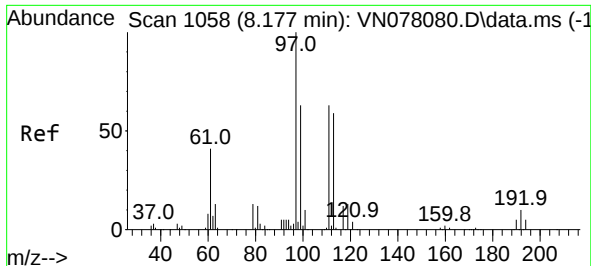
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

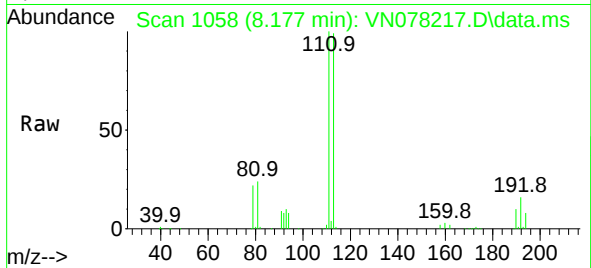
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.805 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078217.D
Acq: 14 Jun 2023 19:45

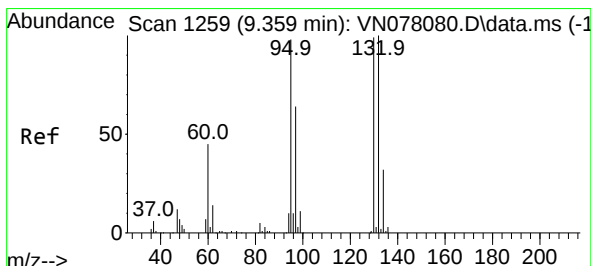
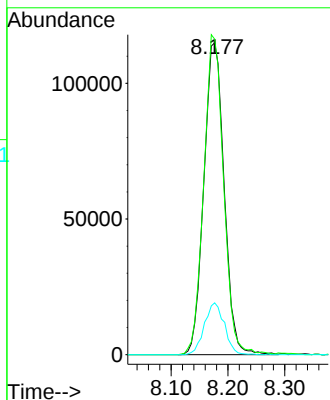
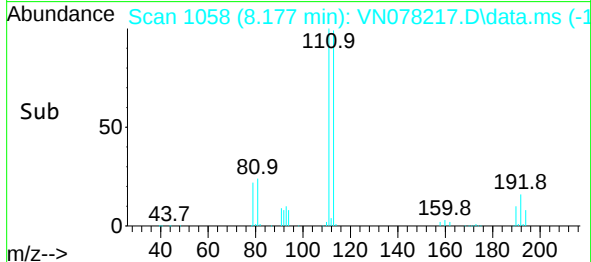
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Tgt Ion:113 Resp: 284910
Ion Ratio Lower Upper
113 100
111 100.0 82.6 123.8
192 16.4 12.7 19.1

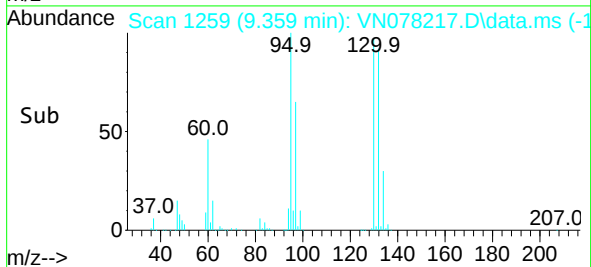
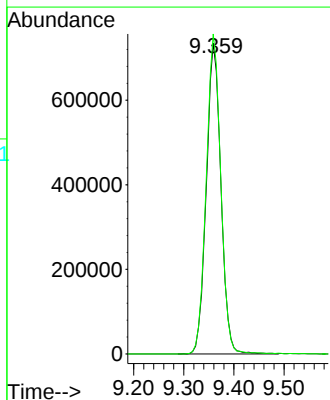
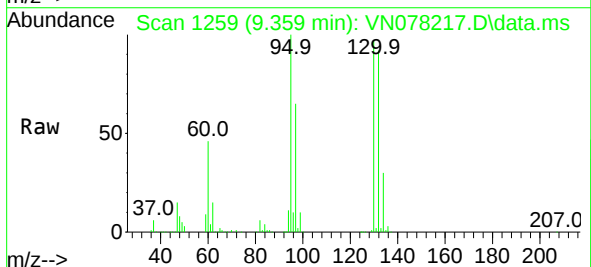
Manual Integrations
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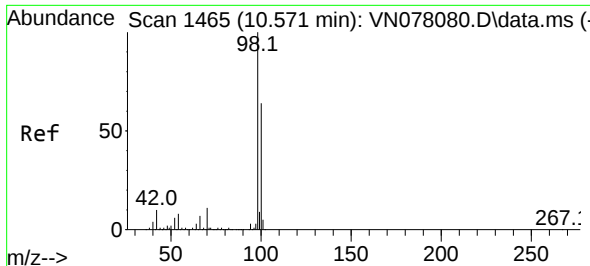
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#44
Trichloroethene
Concen: 252.941 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078217.D
Acq: 14 Jun 2023 19:45

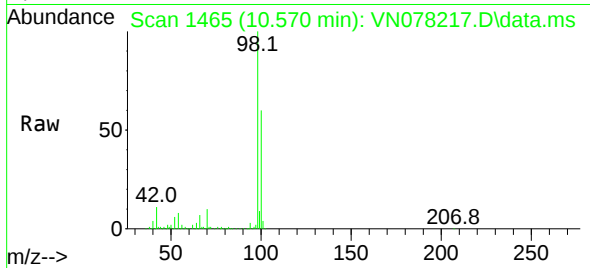
Tgt Ion:130 Resp: 1487049
Ion Ratio Lower Upper
130 100
95 103.0 0.0 204.6





#50
Toluene-d8
Concen: 48.747 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078217.D
Acq: 14 Jun 2023 19:45

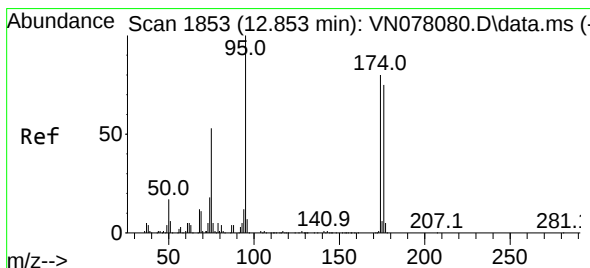
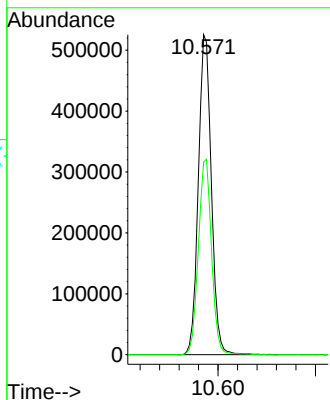
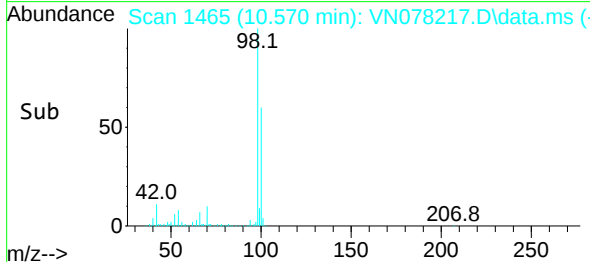
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-1D-06132023



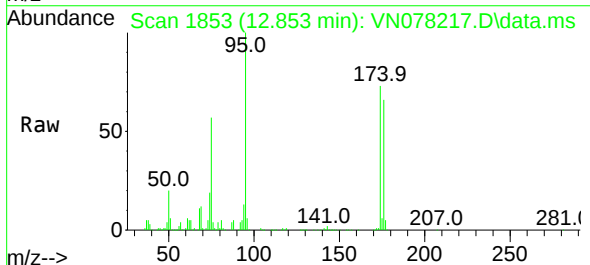
Tgt Ion: 98 Resp: 97693
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0

Manual Integrations
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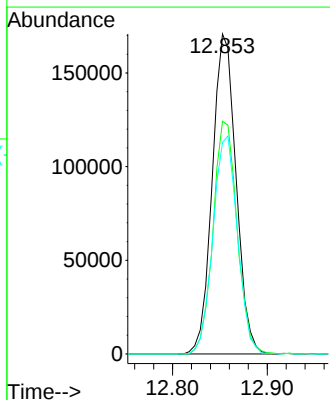
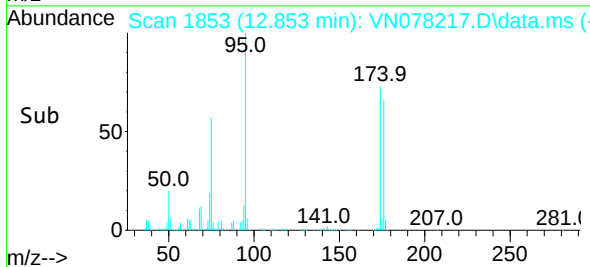
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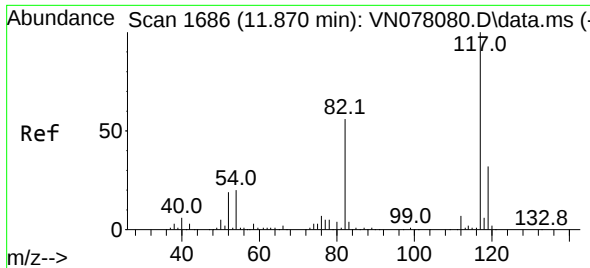


#62
4-Bromofluorobenzene
Concen: 47.845 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078217.D
Acq: 14 Jun 2023 19:45



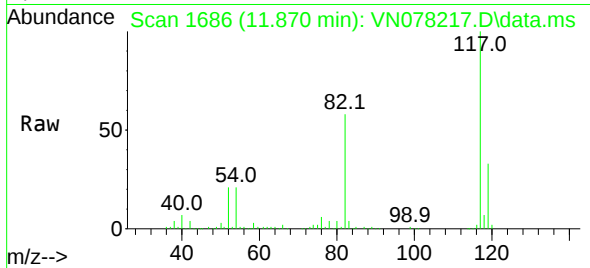
Tgt Ion: 95 Resp: 298086
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 70.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078217.D
Acq: 14 Jun 2023 19:45

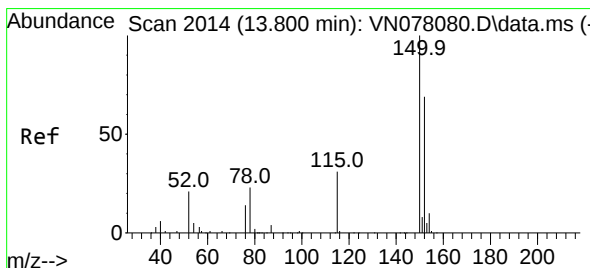
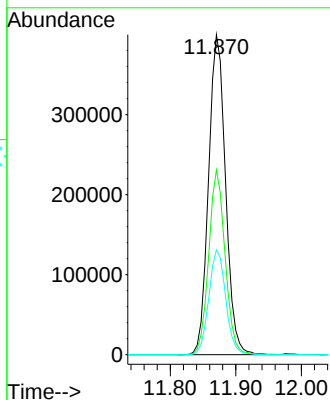
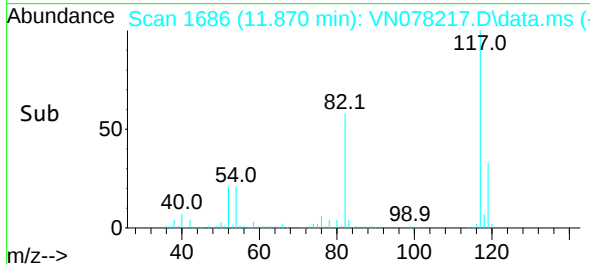
Instrument : MSVOA_N
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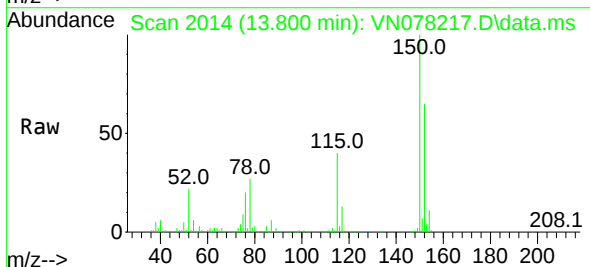
Tgt Ion:117 Resp: 720060
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 32.8 25.6 38.4

Manual Integrations
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Supervised By :Mahesh Dadoda 06/15/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078217.D
Acq: 14 Jun 2023 19:45



Tgt Ion:152 Resp: 226189
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 155.6 0.0 355.8

