

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080553.D
 Acq On : 20 Dec 2023 17:41
 Operator : JC\MD
 Sample : 05942-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-121923

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2023
 Supervised By : Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 02:48:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	197235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	368078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	396688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149995	59.542	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.080%			
35) Dibromofluoromethane	8.165	113	127235	54.519	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.040%			
50) Toluene-d8	10.565	98	446761	51.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	12.853	95	178366	53.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.940%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	3683m	8.245	ug/l	
18) Methyl Acetate	5.018	43	3133	1.090	ug/l #	73

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

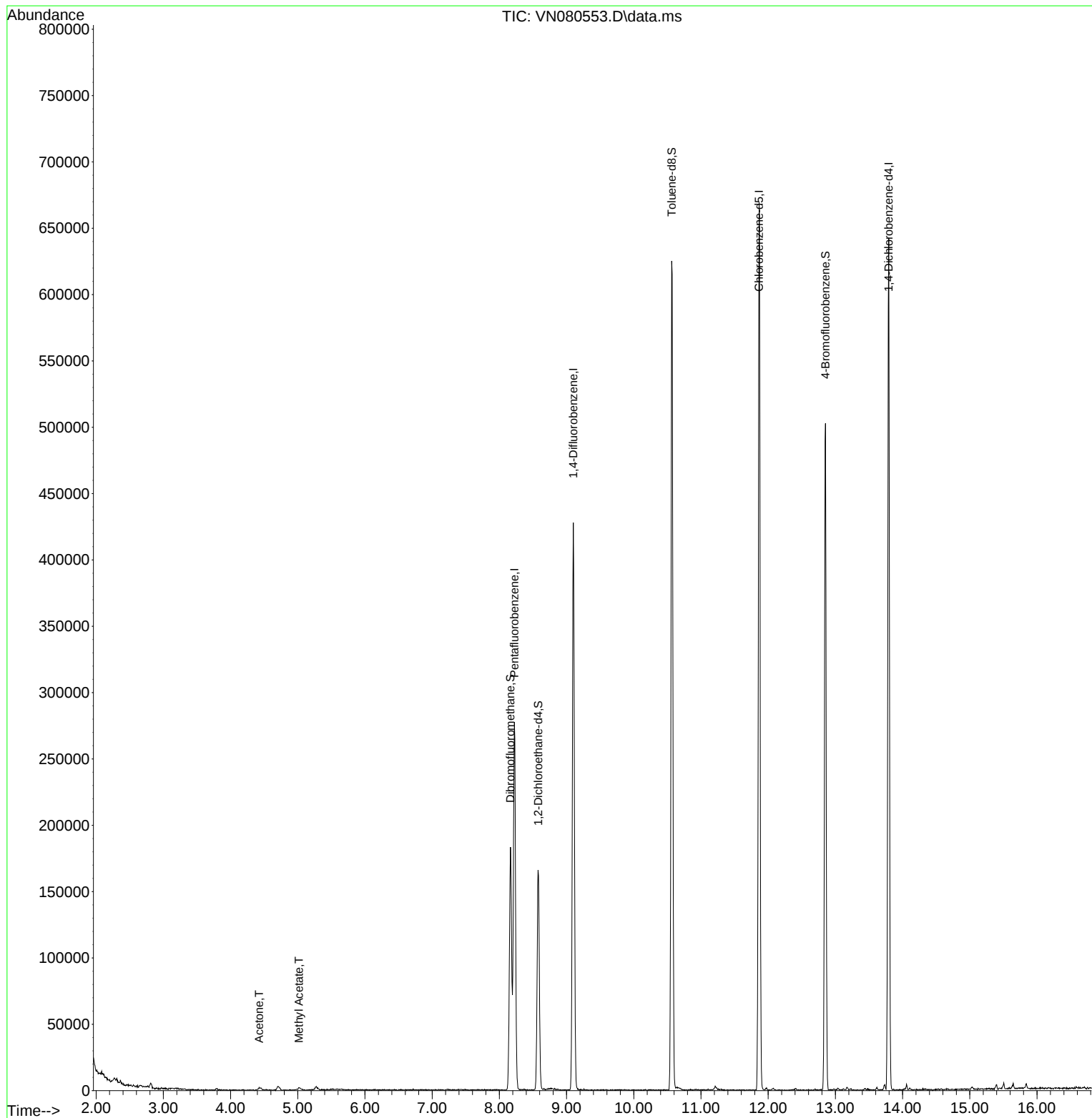
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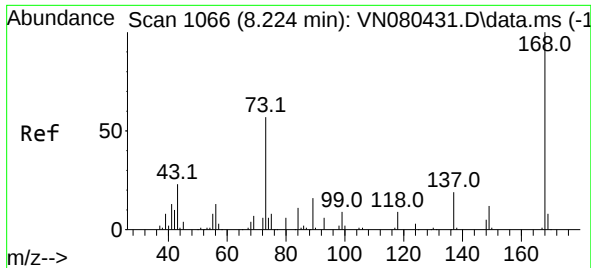
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
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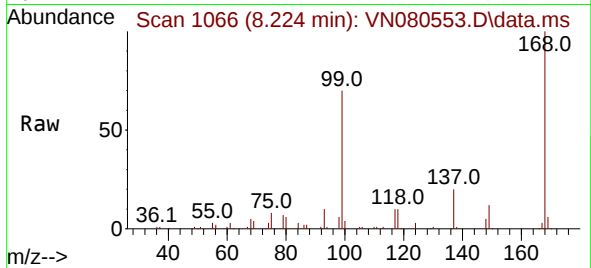
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080553.D
Acq: 20 Dec 2023 17:41

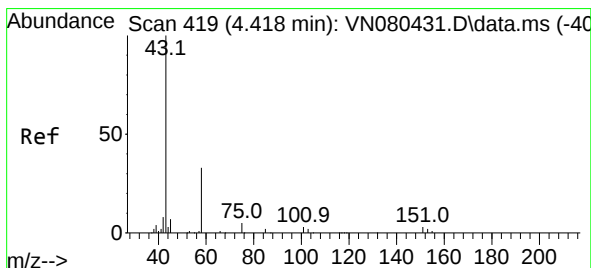
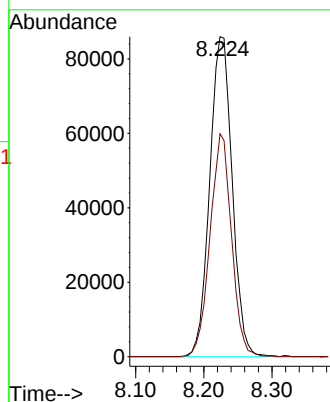
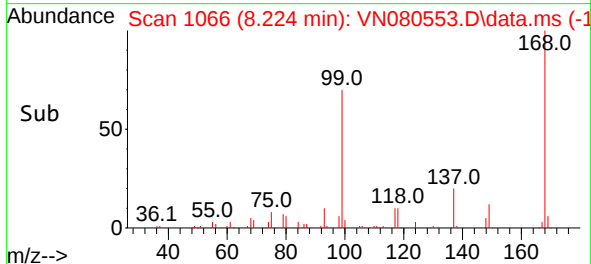
Instrument :
MSVOA_N
ClientSampleId :
TB-01-121923



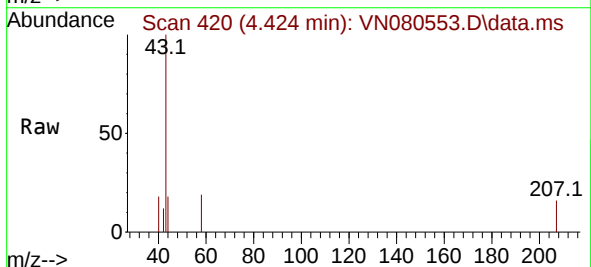
Tgt Ion:168 Resp: 19723
Ion Ratio Lower Upper
168 100
99 69.7 53.0 79.6

Manual Integrations
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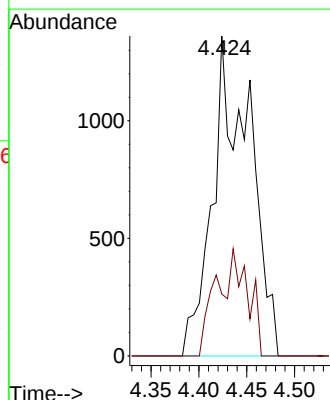
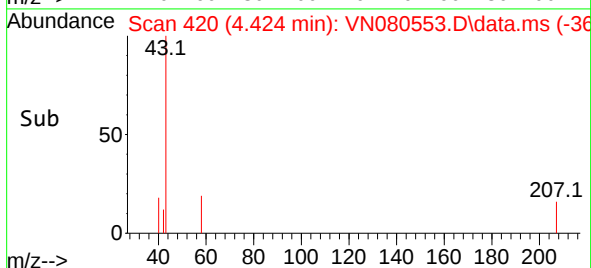
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

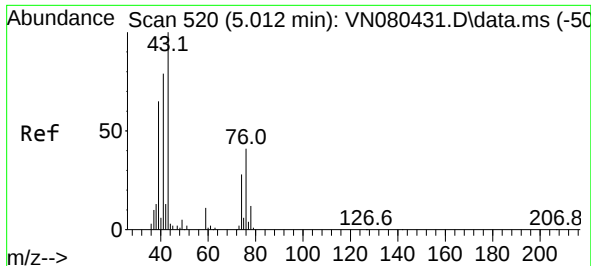


#16
Acetone
Concen: 8.245 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080553.D
Acq: 20 Dec 2023 17:41



Tgt Ion: 43 Resp: 3683
Ion Ratio Lower Upper
43 100
58 19.3 28.0 42.0#





#18

Methyl Acetate

Concen: 1.090 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN080553.D

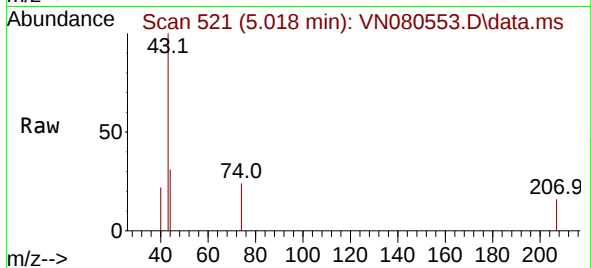
Acq: 20 Dec 2023 17:41

Instrument :

MSVOA_N

ClientSampleId :

TB-01-121923



Tgt Ion: 43 Resp: 313

Ion Ratio Lower Upper

43 100

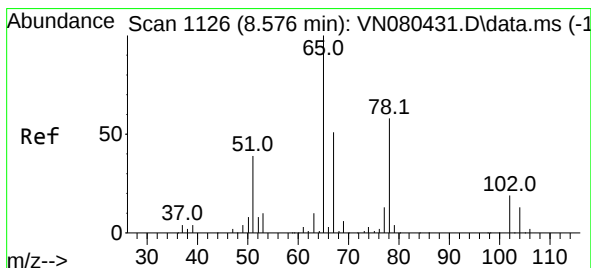
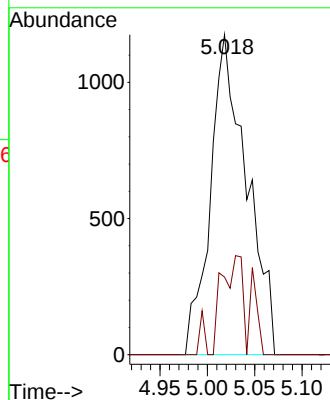
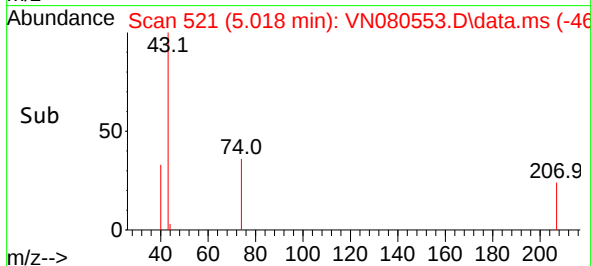
74 17.5 26.2 39.4

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 59.542 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080553.D

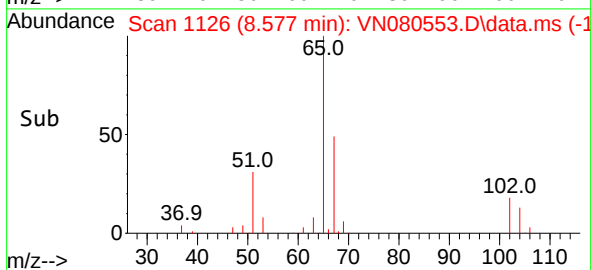
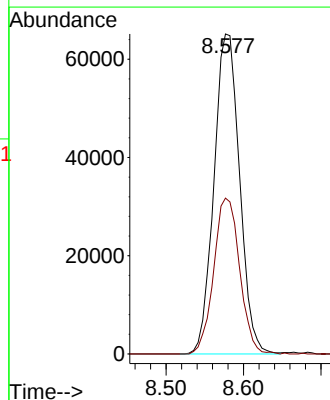
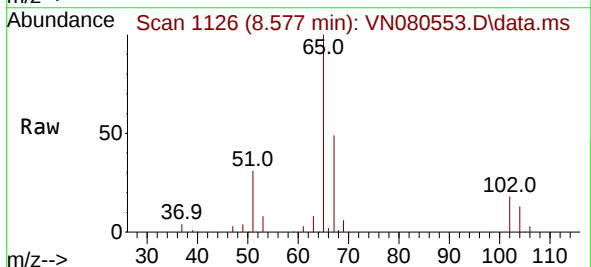
Acq: 20 Dec 2023 17:41

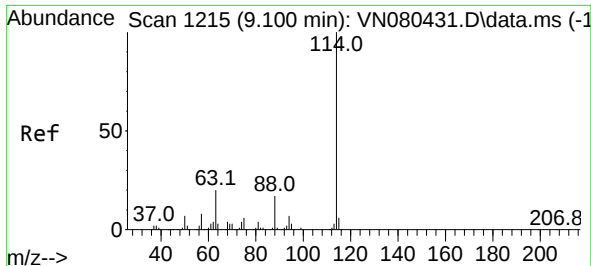
Tgt Ion: 65 Resp: 149995

Ion Ratio Lower Upper

65 100

67 49.3 0.0 106.6





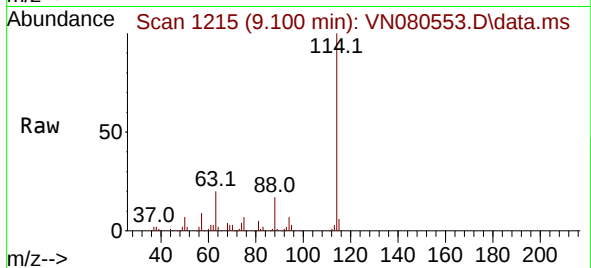
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080553.D
Acq: 20 Dec 2023 17:41

Instrument :

MSVOA_N

ClientSampled :

TB-01-121923



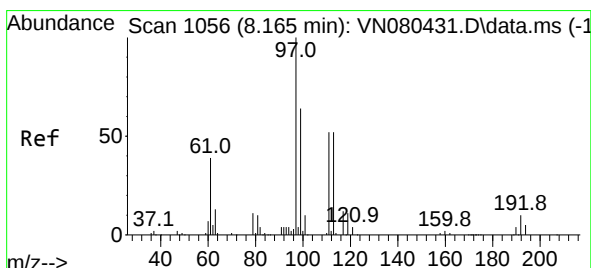
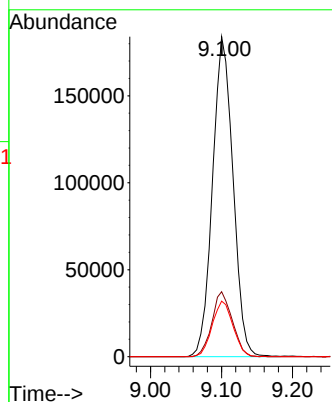
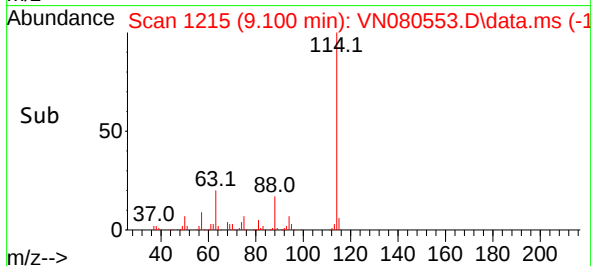
Tgt Ion:114 Resp: 368078
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 17.4 0.0 30.6

Manual Integrations

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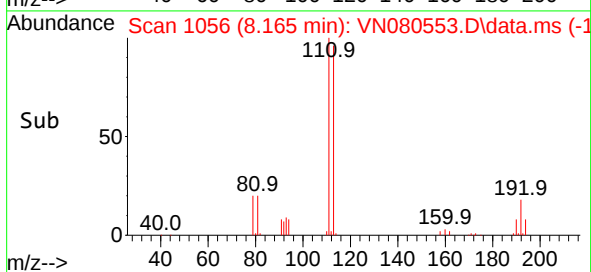
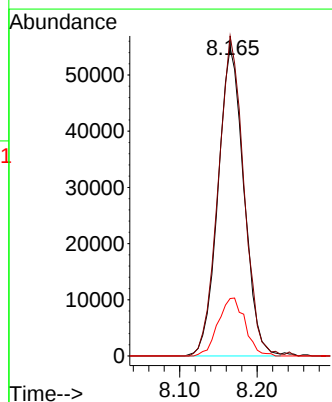
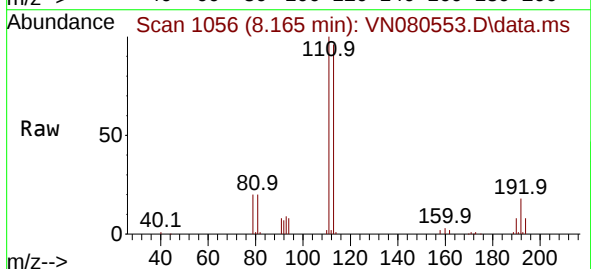
Reviewed By :John Carlone 12/21/2023

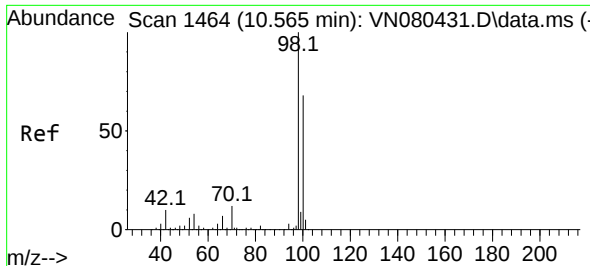
Supervised By :Mahesh Dadoda 12/21/2023



#35
Dibromofluoromethane
Concen: 54.519 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080553.D
Acq: 20 Dec 2023 17:41

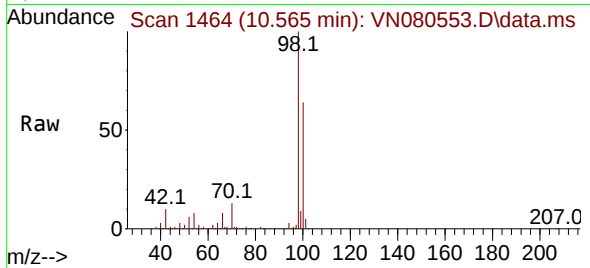
Tgt Ion:113 Resp: 127235
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.6 12.7 19.1#





#50
Toluene-d8
Concen: 51.330 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080553.D
Acq: 20 Dec 2023 17:41

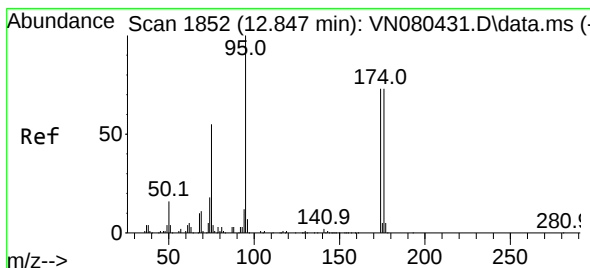
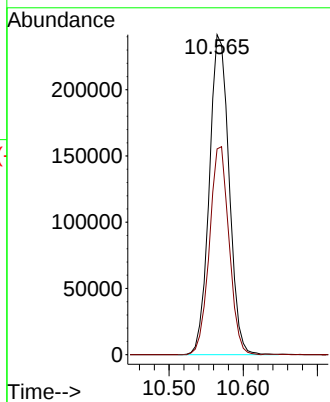
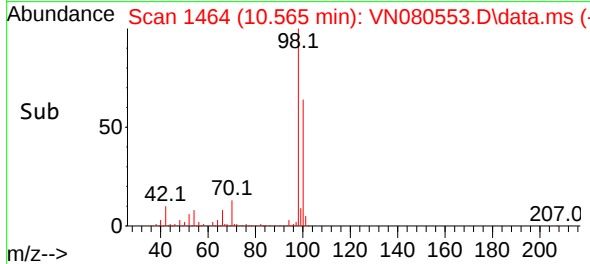
Instrument :
MSVOA_N
ClientSampleId :
TB-01-121923



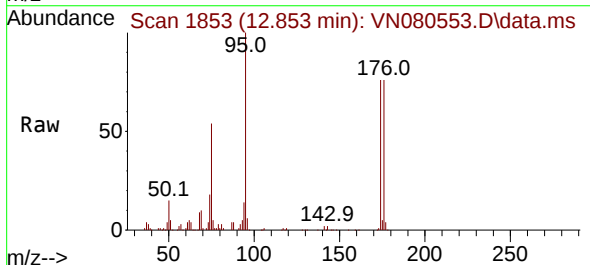
Tgt Ion: 98 Resp: 446763
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

Manual Integrations
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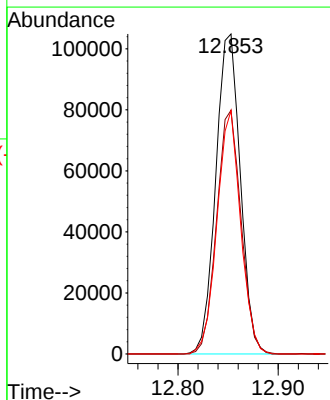
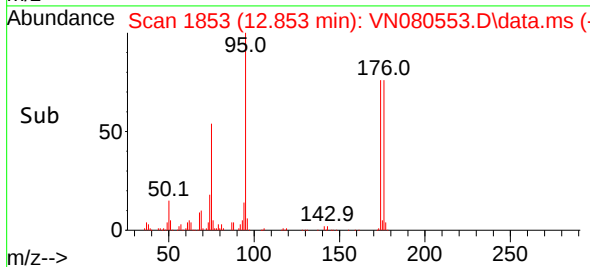
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

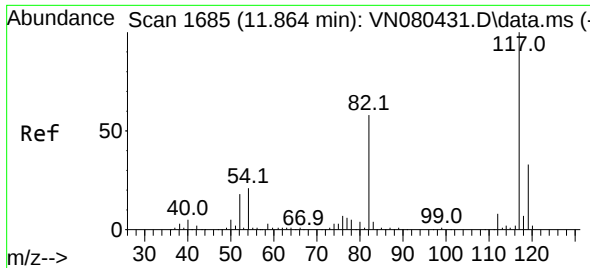


#62
4-Bromofluorobenzene
Concen: 53.968 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080553.D
Acq: 20 Dec 2023 17:41



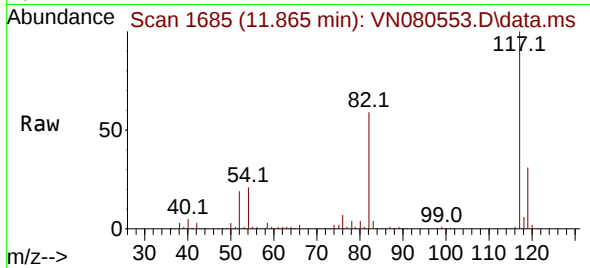
Tgt Ion: 95 Resp: 178366
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 72.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080553.D
Acq: 20 Dec 2023 17:41

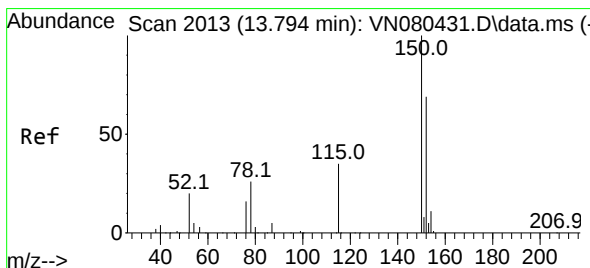
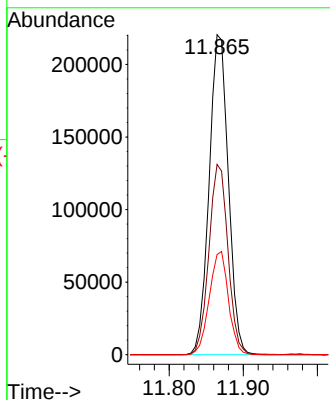
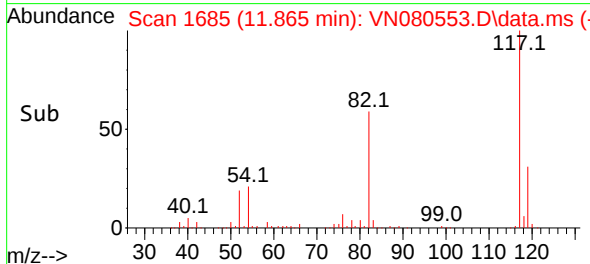
Instrument :
MSVOA_N
ClientSampleId :
TB-01-121923



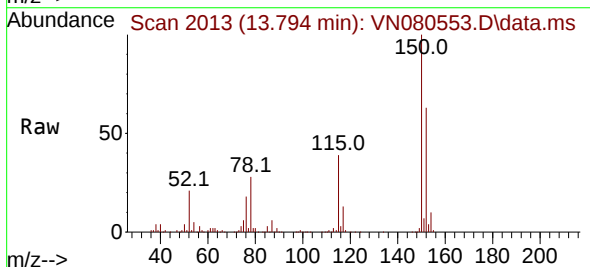
Tgt Ion:117 Resp: 396688
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 31.3 25.6 38.4

Manual Integrations
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Supervised By :Mahesh Dadoda 12/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080553.D
Acq: 20 Dec 2023 17:41



Tgt Ion:152 Resp: 173171
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 159.2 0.0 355.8

