

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080459.D
 Acq On : 13 Dec 2023 14:06
 Operator : JC\MD
 Sample : 05688-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Quant Time: Dec 14 04:06:33 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	196806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	364434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	388426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	162526	64.657	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 129.320%#			
35) Dibromofluoromethane	8.165	113	137138	59.350	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.700%			
50) Toluene-d8	10.565	98	490221	56.886	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.780%#			
62) 4-Bromofluorobenzene	12.853	95	195758	59.823	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.640%			
Target Compounds					Qvalue	
30) Chloroform	7.965	83	5127	1.172	ug/l	90
64) Tetrachloroethene	11.094	164	1387	0.462	ug/l #	59

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

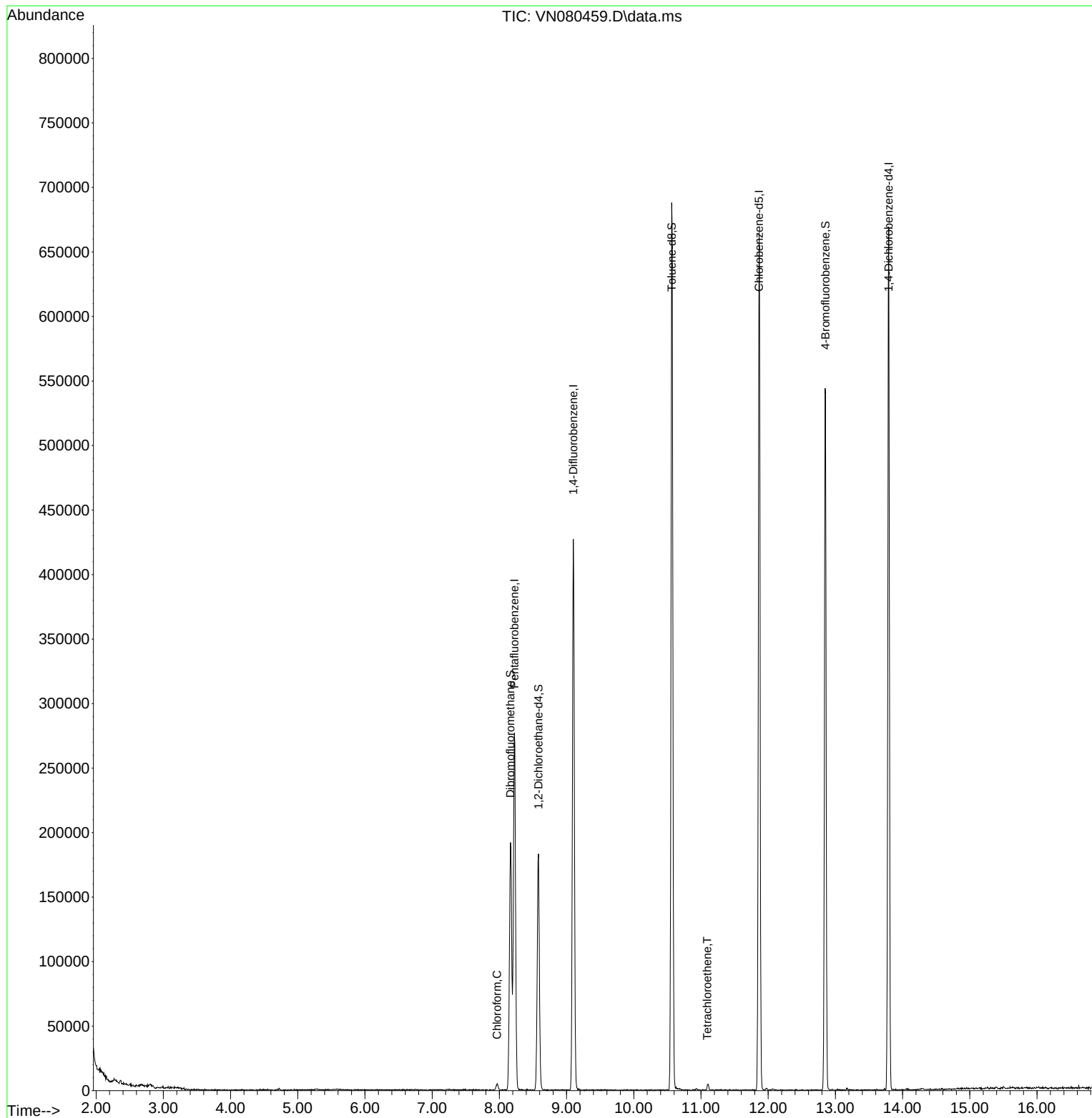
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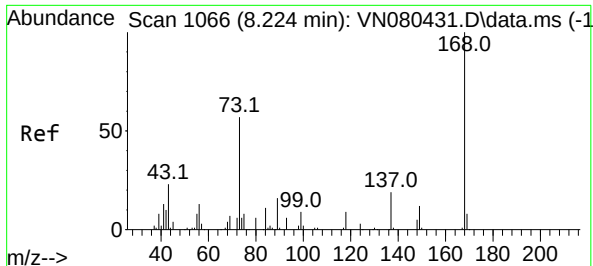
Instrument :
MSVOA_N
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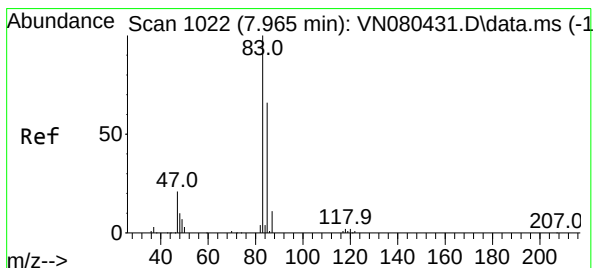
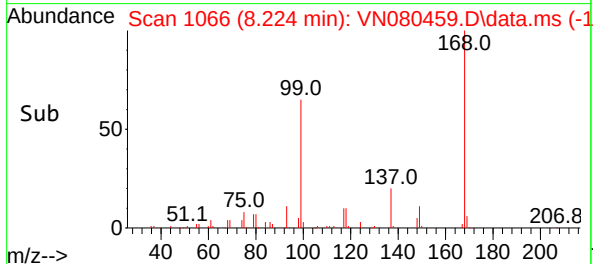
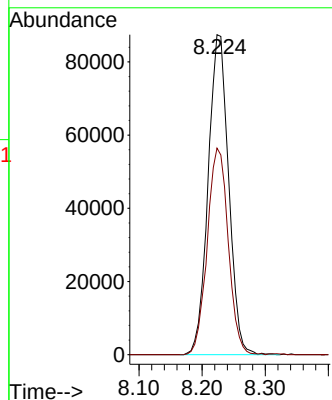
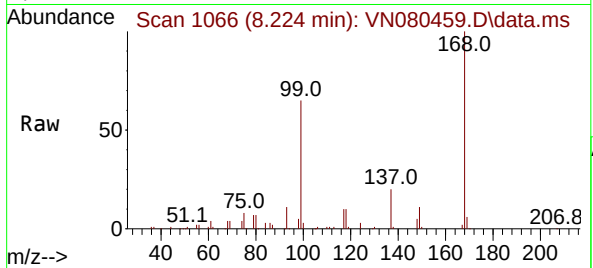
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080459.D
Acq: 13 Dec 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
MW-7

Tgt Ion:168 Resp: 196800
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6

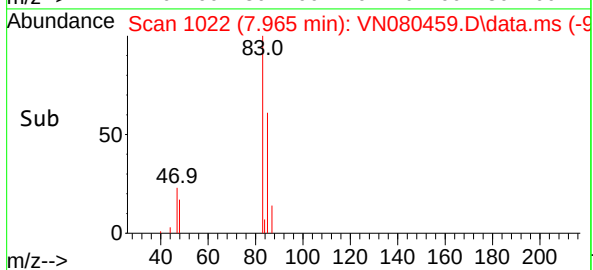
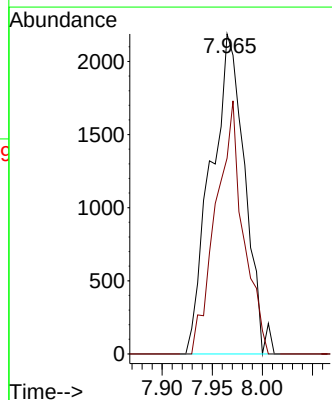
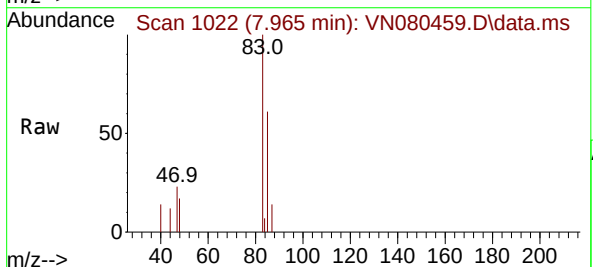
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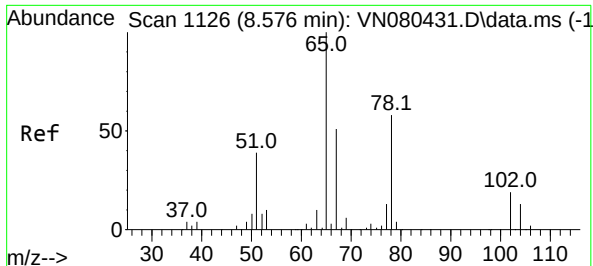
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#30
Chloroform
Concen: 1.172 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080459.D
Acq: 13 Dec 2023 14:06

Tgt Ion: 83 Resp: 5127
Ion Ratio Lower Upper
83 100
85 61.2 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 64.657 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080459.D

Acq: 13 Dec 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

MW-7

Tgt Ion: 65 Resp: 162520

Ion Ratio Lower Upper

65 100

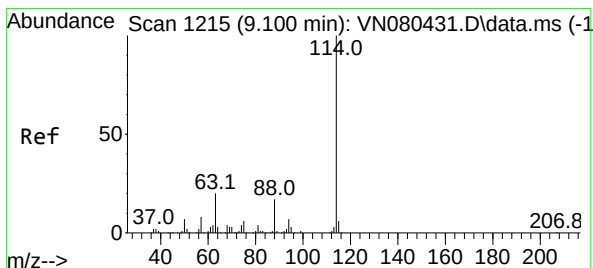
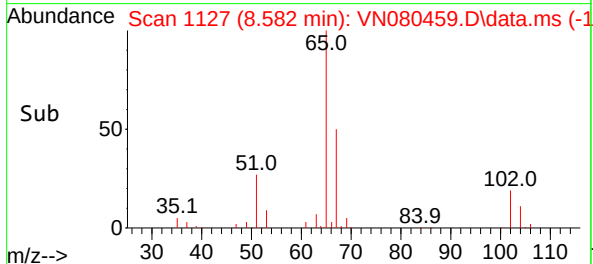
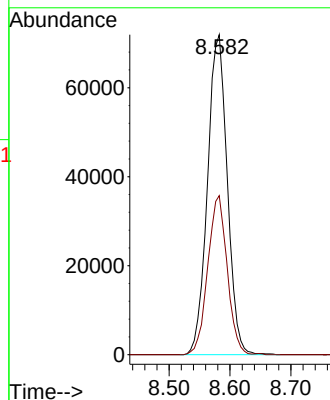
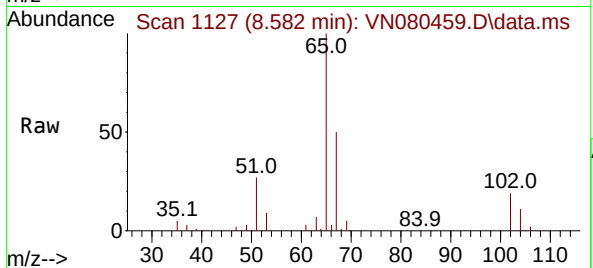
67 48.7 0.0 106.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080459.D

Acq: 13 Dec 2023 14:06

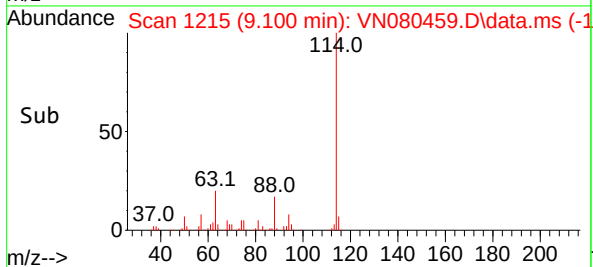
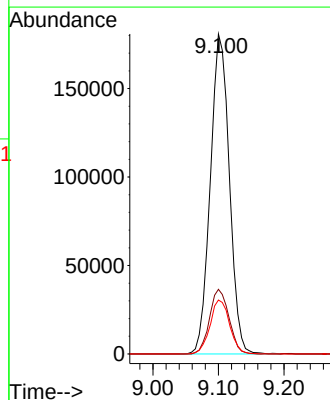
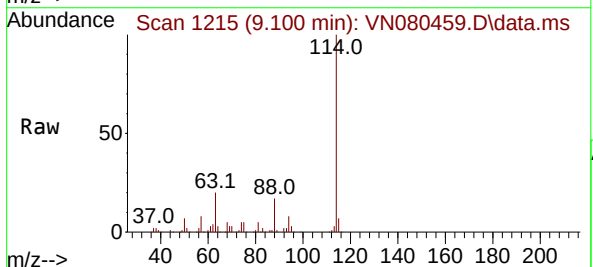
Tgt Ion:114 Resp: 364434

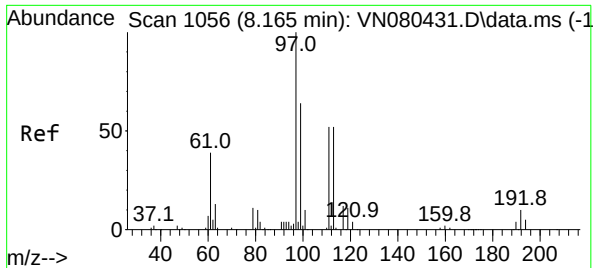
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

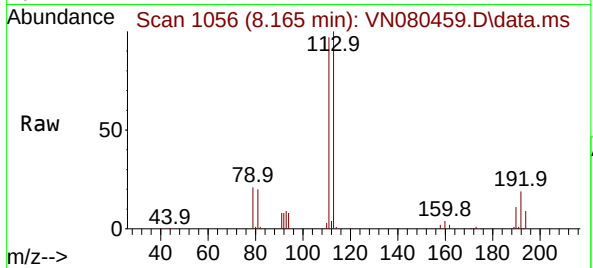
88 16.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 59.350 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080459.D
Acq: 13 Dec 2023 14:06

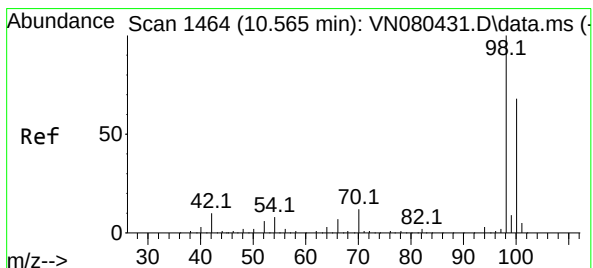
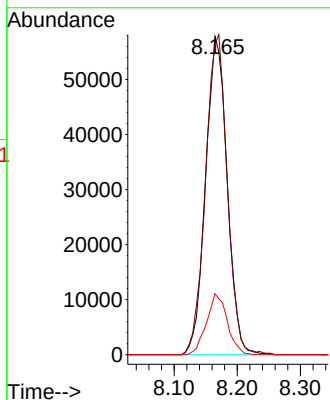
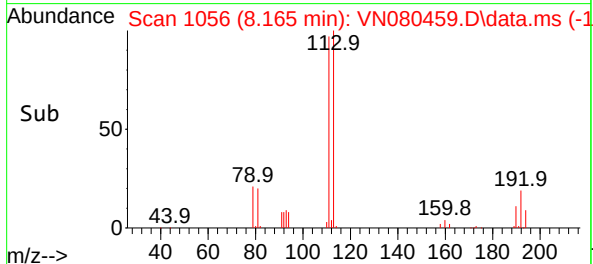
Instrument :
MSVOA_N
ClientSampleId :
MW-7



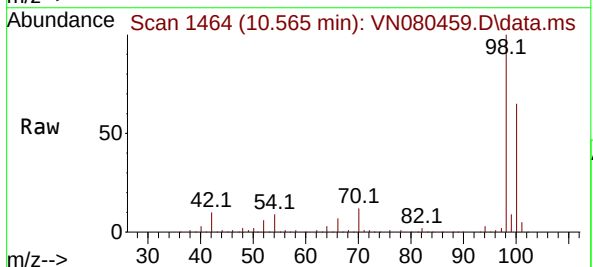
Tgt Ion:113 Resp: 137138
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 18.4 12.7 19.1

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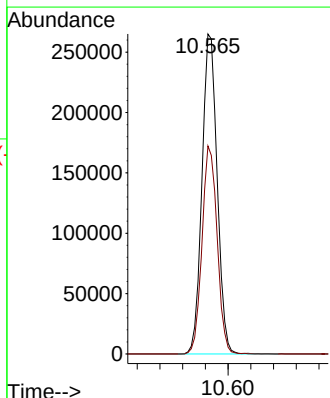
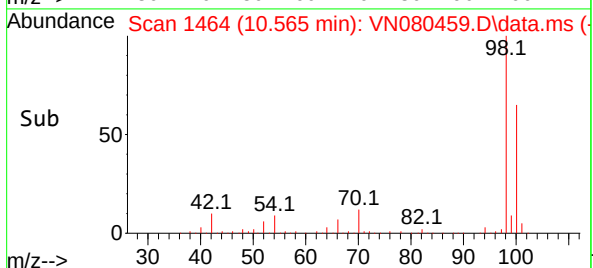
Reviewed By :John Carlone 12/14/2023
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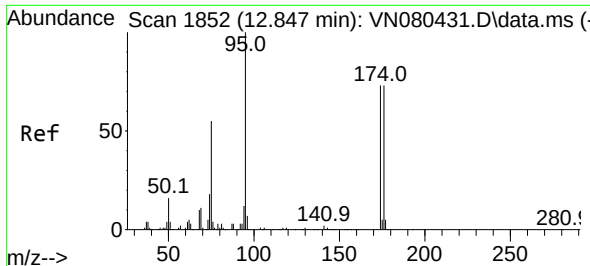


#50
Toluene-d8
Concen: 56.886 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080459.D
Acq: 13 Dec 2023 14:06



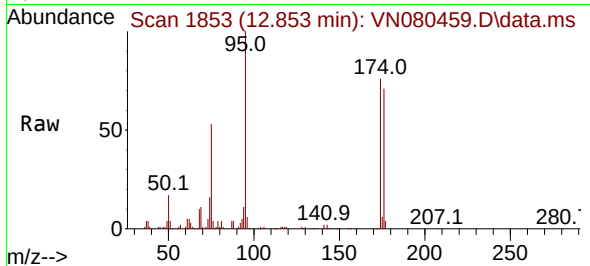
Tgt Ion: 98 Resp: 490221
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 59.823 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080459.D
Acq: 13 Dec 2023 14:06

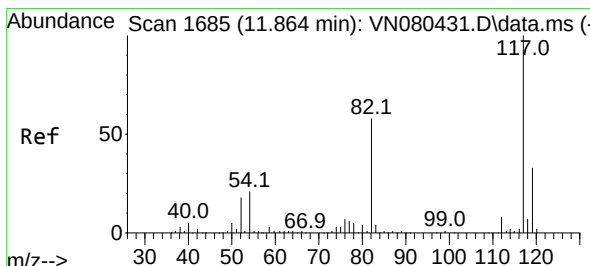
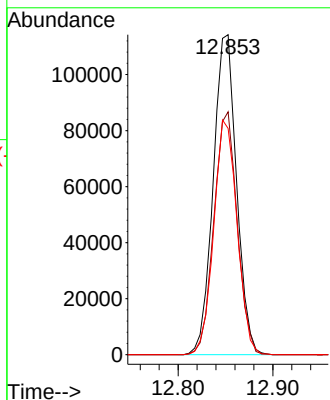
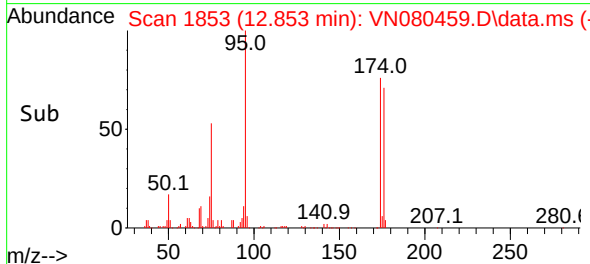
Instrument :
MSVOA_N
ClientSampleId :
MW-7



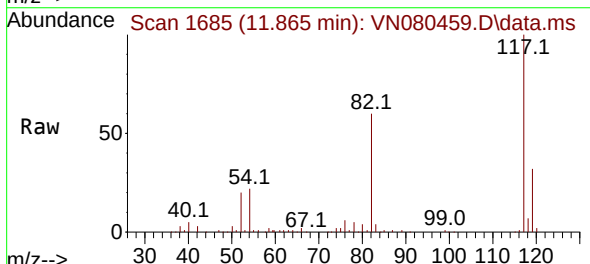
Tgt Ion: 95 Resp: 195758
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 73.2 0.0 135.8

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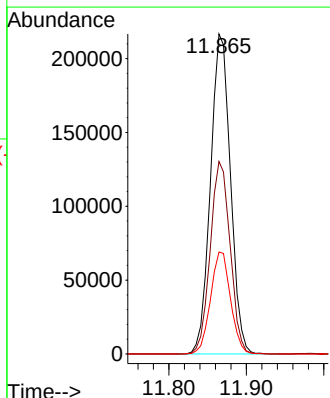
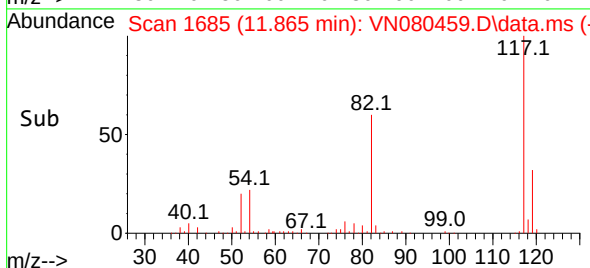
Reviewed By :John Carlone 12/14/2023
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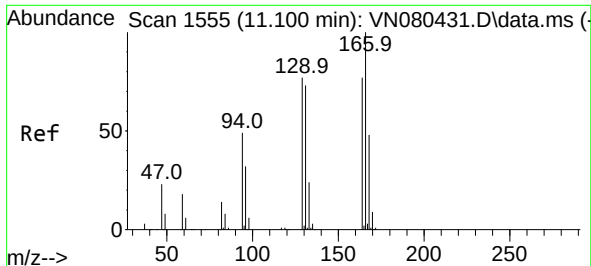


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080459.D
Acq: 13 Dec 2023 14:06



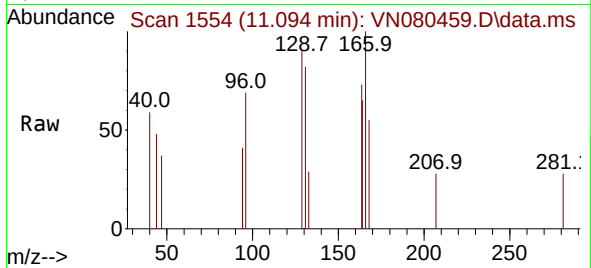
Tgt Ion:117 Resp: 388426
Ion Ratio Lower Upper
117 100
82 60.1 44.0 66.0
119 31.8 25.6 38.4





#64
Tetrachloroethene
Concen: 0.462 ug/l
RT: 11.094 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN080459.D
Acq: 13 Dec 2023 14:06

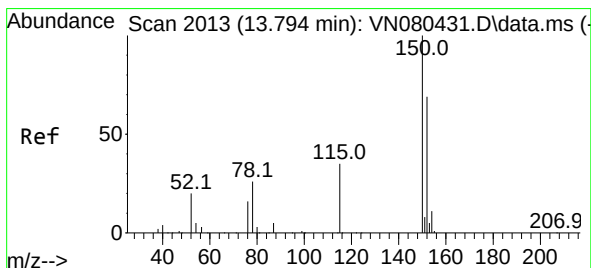
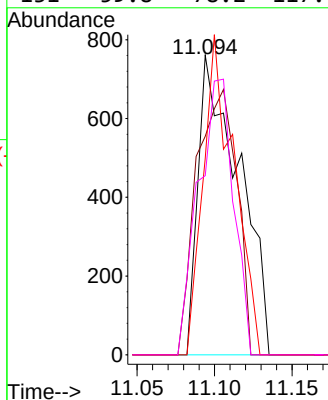
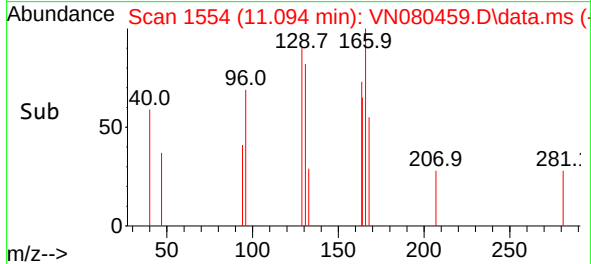
Instrument :
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MW-7



Tgt Ion	Ratio	Lower	Upper
164	100		
166	72.9	101.4	152.0
129	65.6	82.4	123.6
131	59.8	78.2	117.4

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080459.D
Acq: 13 Dec 2023 14:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.2	32.3	96.8
150	160.0	0.0	355.8

