

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080584.D
 Acq On : 21 Dec 2023 19:24
 Operator : JC\MD
 Sample : 05975-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-122023

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2023
 Supervised By : Mahesh Dadoda 12/22/2023

Quant Time: Dec 22 04:06:34 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	8.230	168	350539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	514452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	561737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	244207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	196454	43.879	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.760%		
35) Dibromofluoromethane	8.165	113	224721	68.894	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	137.780%#		
50) Toluene-d8	10.571	98	630936	51.865	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.740%		
62) 4-Bromofluorobenzene	12.853	95	237507	51.416	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.840%		
Target Compounds					Qvalue	
16) Acetone	4.442	43	4176m	5.260	ug/l	
18) Methyl Acetate	5.024	43	5853	1.146	ug/l	91

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

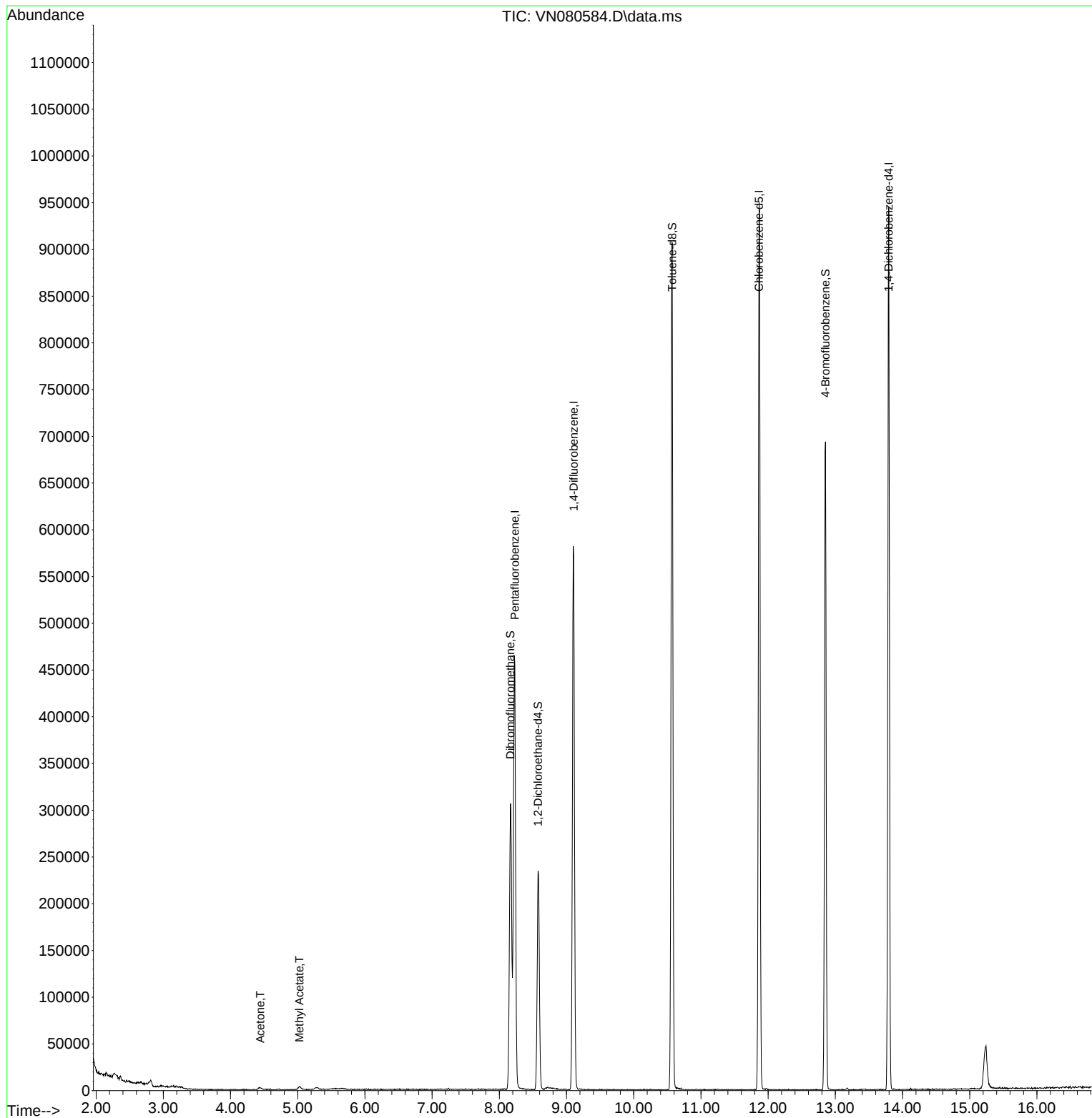
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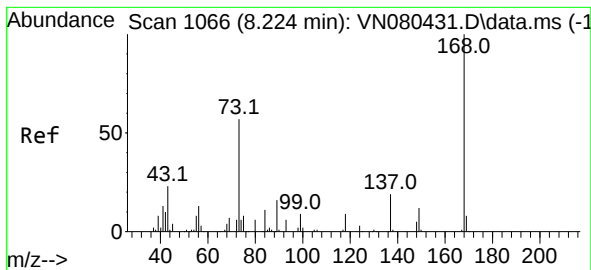
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN080584.D

Acq: 21 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

TB01-122023

Tgt Ion:168 Resp: 350539

Ion Ratio Lower Upper

168 100

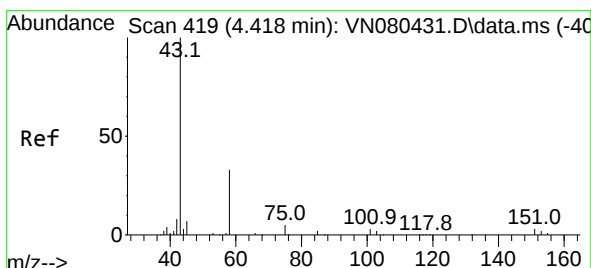
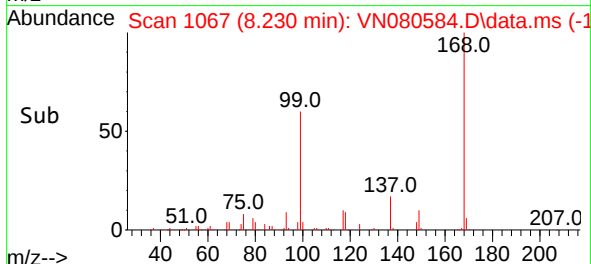
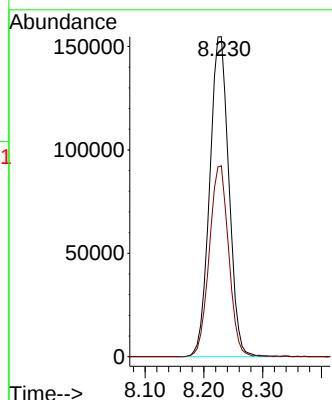
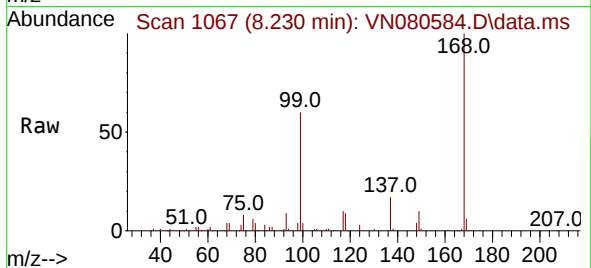
99 59.7 53.0 79.6

Manual Integrations

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#16

Acetone

Concen: 5.260 ug/l m

RT: 4.442 min Scan# 423

Delta R.T. 0.024 min

Lab File: VN080584.D

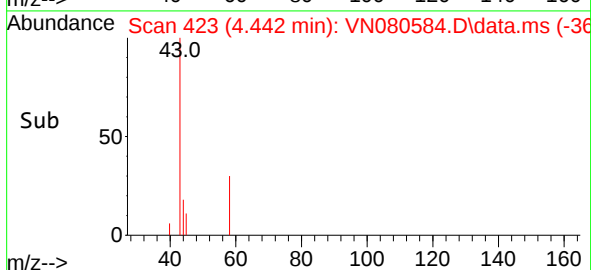
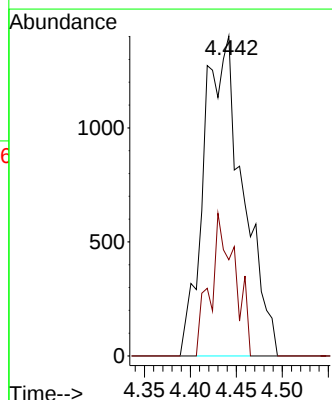
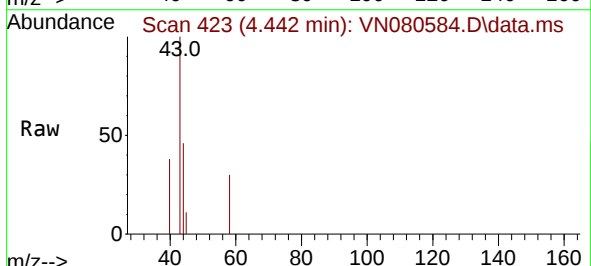
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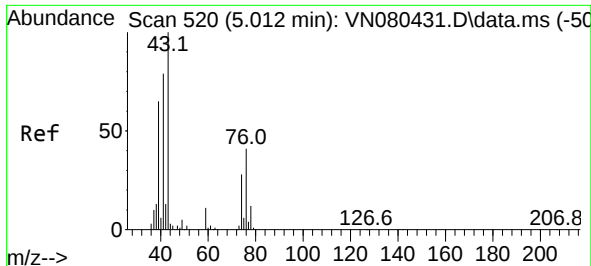
Tgt Ion: 43 Resp: 4176

Ion Ratio Lower Upper

43 100

58 30.1 28.0 42.0





#18

Methyl Acetate

Concen: 1.146 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN080584.D

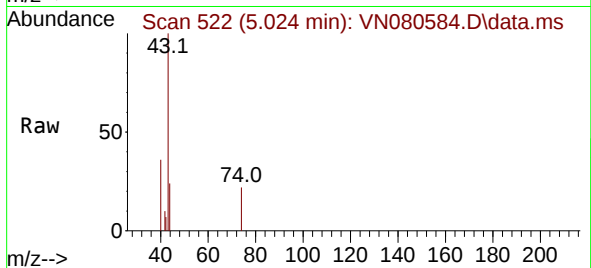
Acq: 21 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

TB01-122023



Tgt Ion: 43 Resp: 585

Ion Ratio Lower Upper

43 100

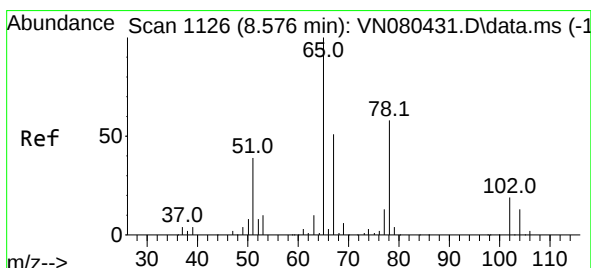
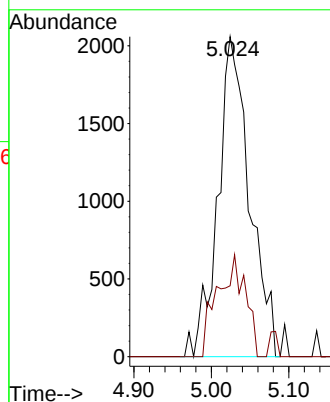
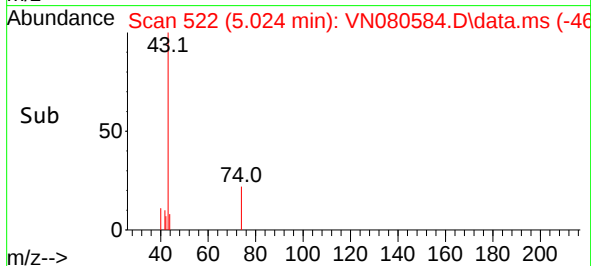
74 28.0 26.2 39.4

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#33

1,2-Dichloroethane-d4

Concen: 43.879 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080584.D

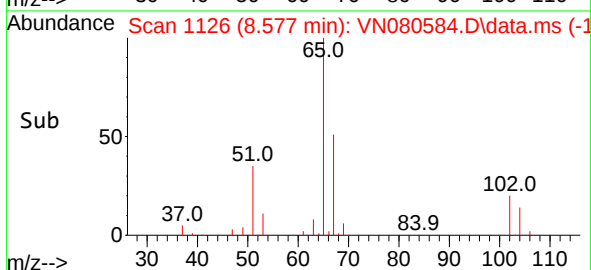
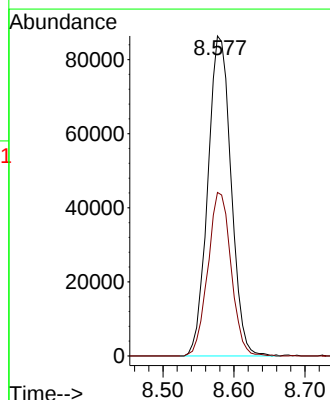
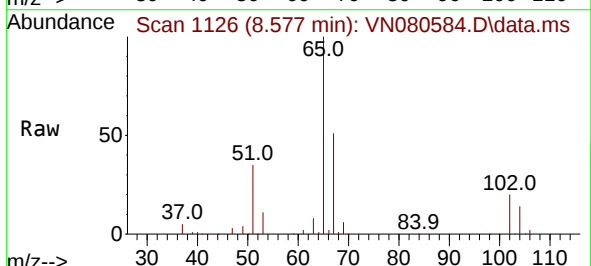
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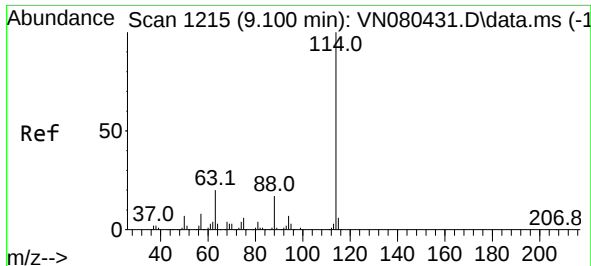
Tgt Ion: 65 Resp: 196454

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

Instrument :

MSVOA_N

ClientSampleId :

TB01-122023

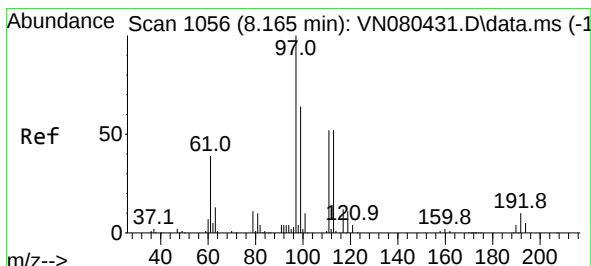
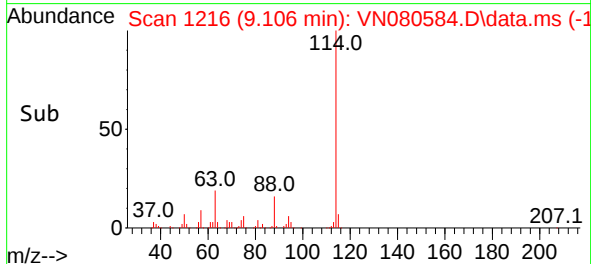
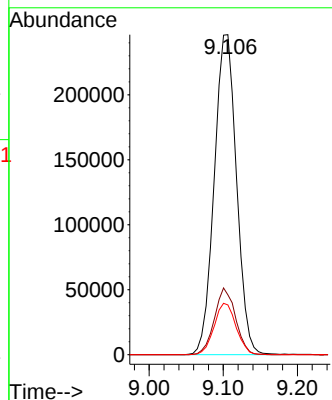
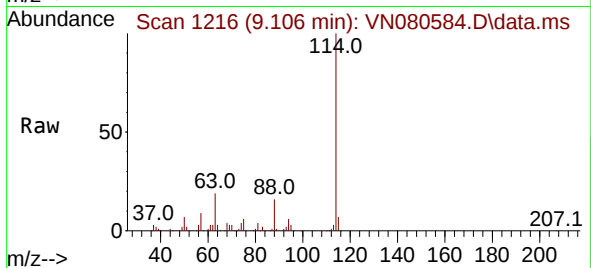
Tgt Ion:114 Resp: 514452
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.4
88 15.5 0.0 30.6

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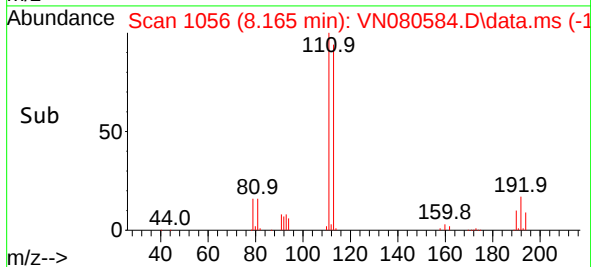
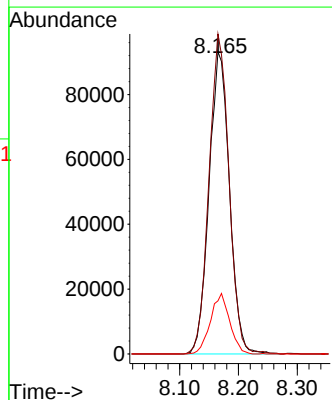
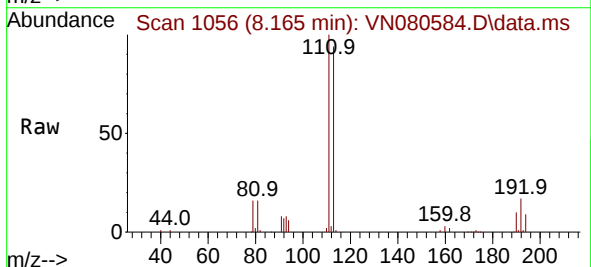
Reviewed By :John Carlone 12/22/2023

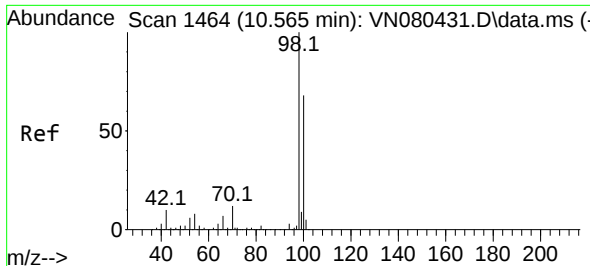
Supervised By :Mahesh Dadoda 12/22/2023



#35
Dibromofluoromethane
Concen: 68.894 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

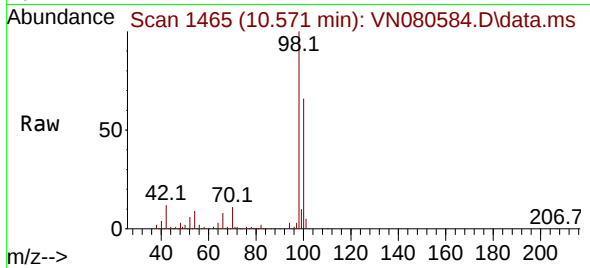
Tgt Ion:113 Resp: 224721
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 18.9 12.7 19.1





#50
Toluene-d8
Concen: 51.865 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

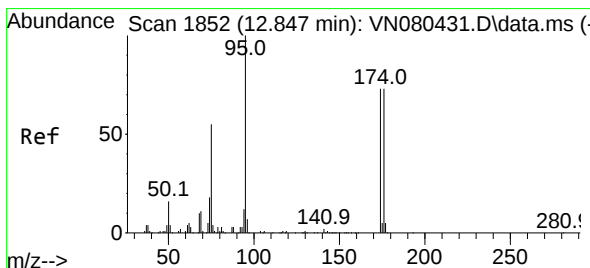
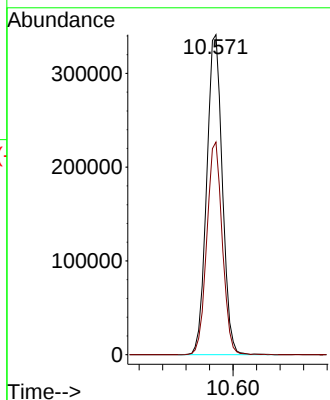
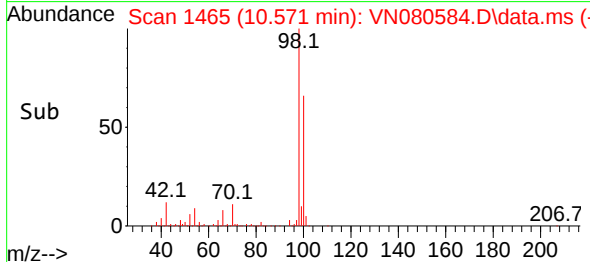
Instrument :
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Tgt Ion: 98 Resp: 630930
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

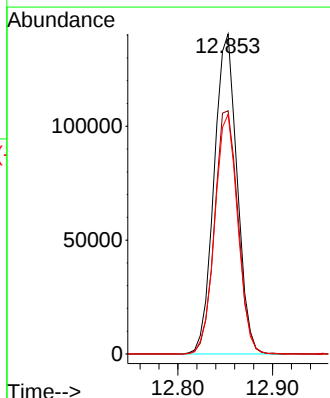
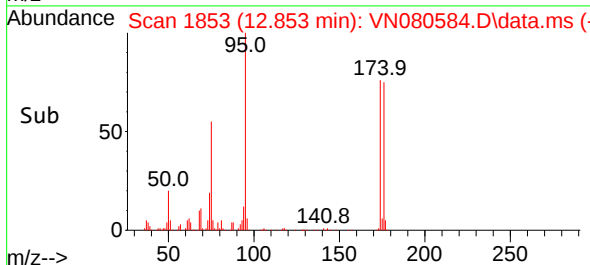
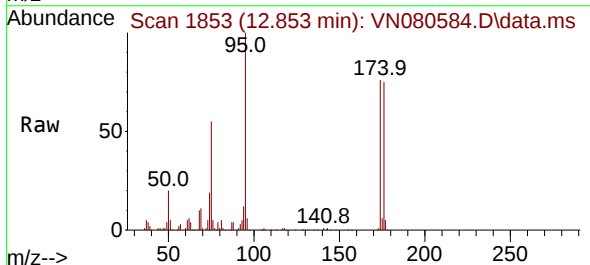
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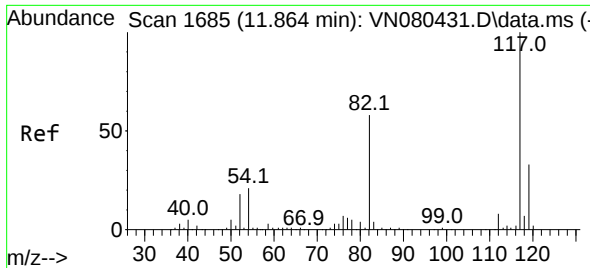
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#62
4-Bromofluorobenzene
Concen: 51.416 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

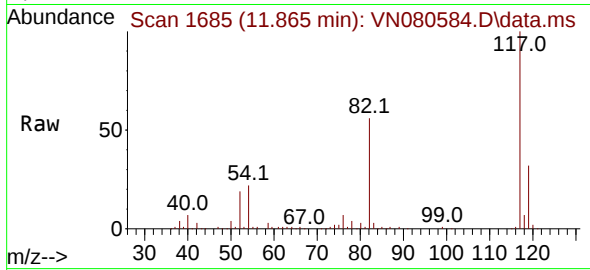
Tgt Ion: 95 Resp: 237507
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 74.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080584.D
Acq: 21 Dec 2023 19:24

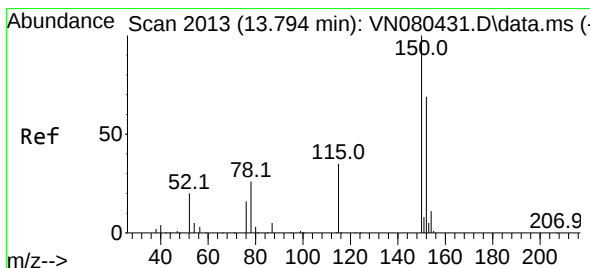
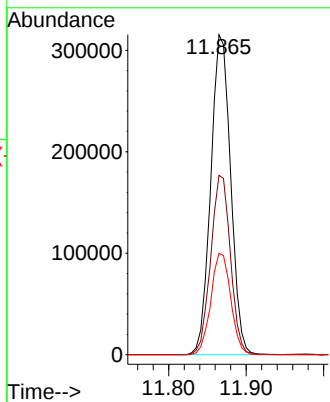
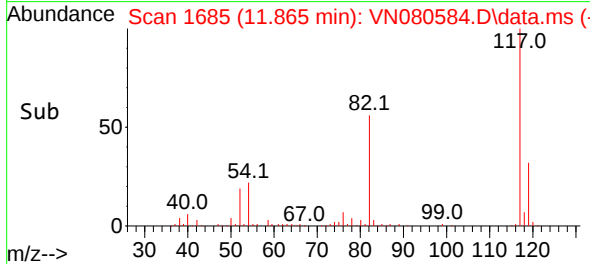
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MSVOA_N
ClientSampleId :
TB01-122023



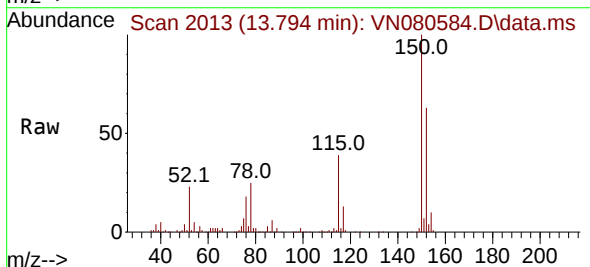
Tgt Ion:117 Resp: 56173
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 31.6 25.6 38.4

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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: VN080584.D
Acq: 21 Dec 2023 19:24



Tgt Ion:152 Resp: 244207
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 160.0 0.0 355.8

