

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081712.D
 Acq On : 12 Apr 2024 12:56
 Operator : JC\MD
 Sample : P2041-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RSB-01-95-040924

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/15/2024
 Supervised By : Mahesh Dadoda 04/15/2024

Quant Time: Apr 13 06:54:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	268691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	487625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	467530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	206055	60.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.280%			
35) Dibromofluoromethane	8.165	113	168193	54.654	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.300%			
50) Toluene-d8	10.571	98	606157	54.489	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.980%			
62) 4-Bromofluorobenzene	12.853	95	197243	50.319	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.640%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	7744m	6.993	ug/l	
30) Chloroform	7.971	83	60753	9.177	ug/l	93
44) Trichloroethene	9.359	130	1527	0.359	ug/l	91
52) Toluene	10.629	92	16353	1.699	ug/l	96

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

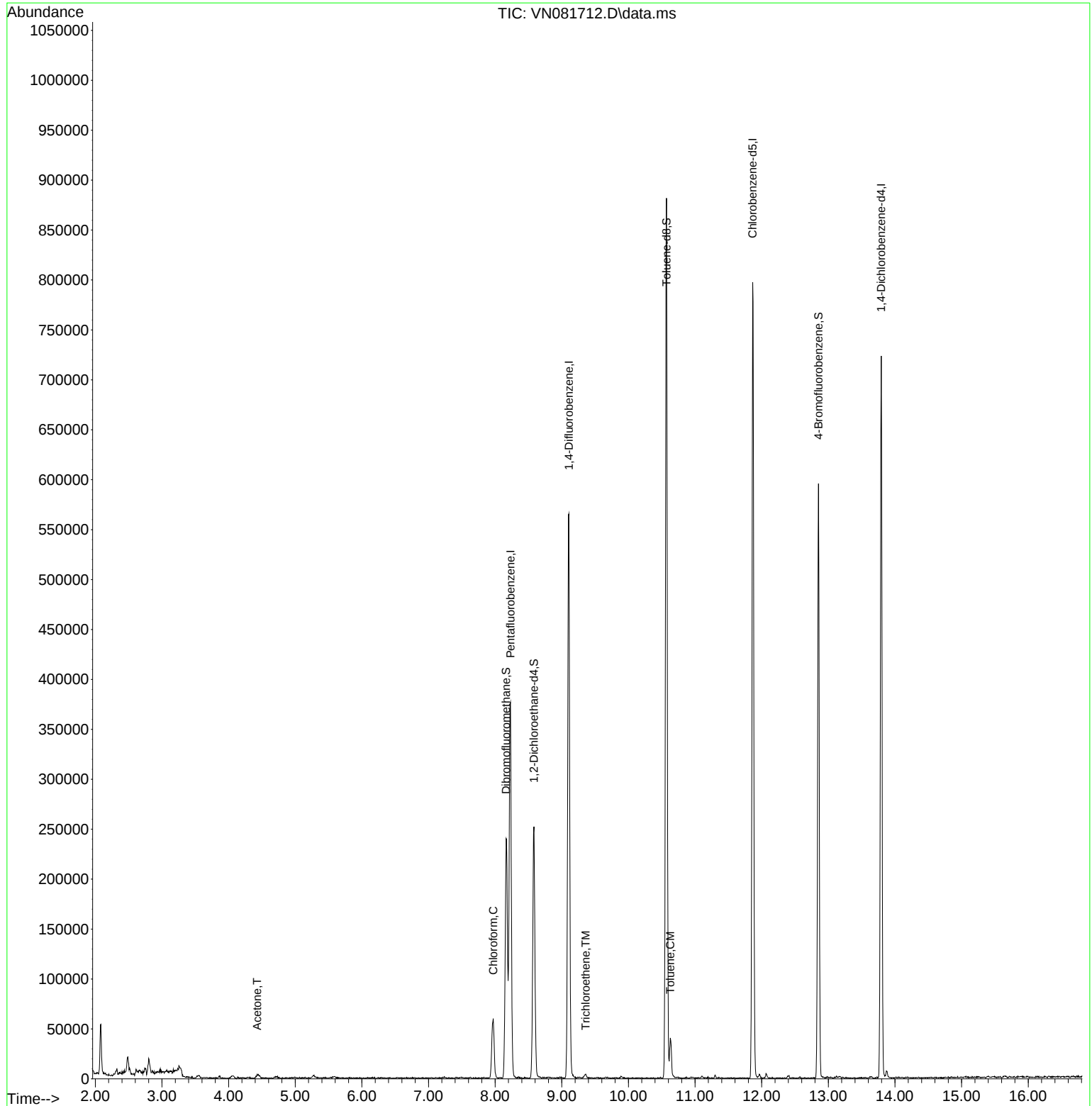
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
Data File : VN081712.D
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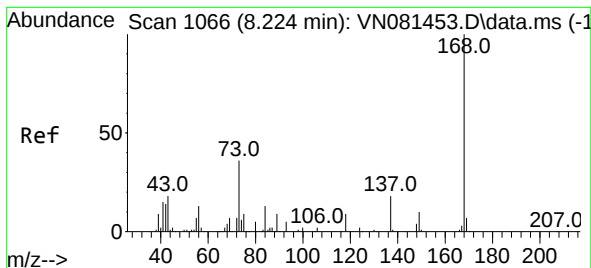
Instrument :
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RSB-01-95-040924

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN081712.D

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Instrument :

MSVOA_N

ClientSampleId :

RSB-01-95-040924

Tgt Ion:168 Resp: 26869

Ion Ratio Lower Upper

168 100

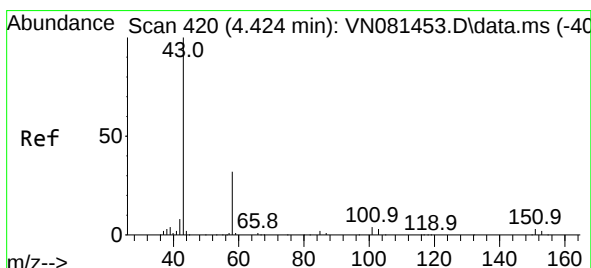
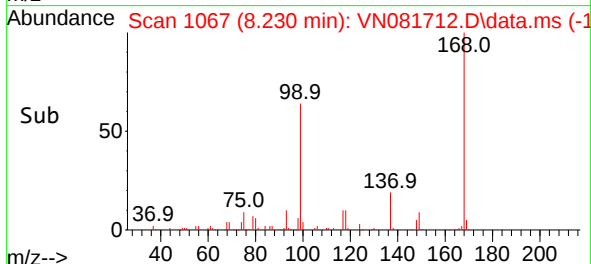
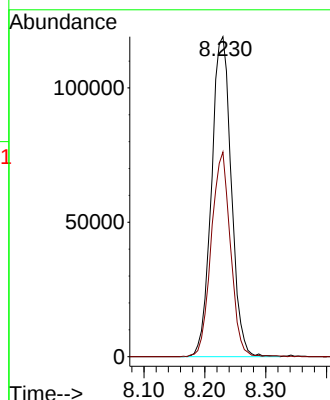
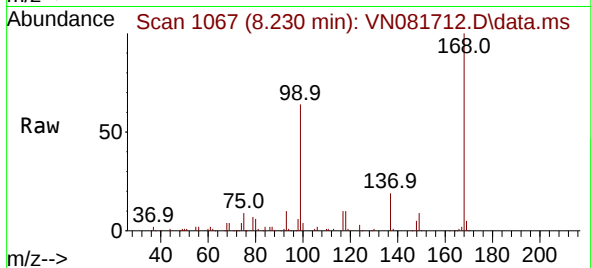
99 64.0 59.9 89.9

Manual Integrations

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#16

Acetone

Concen: 6.993 ug/l m

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN081712.D

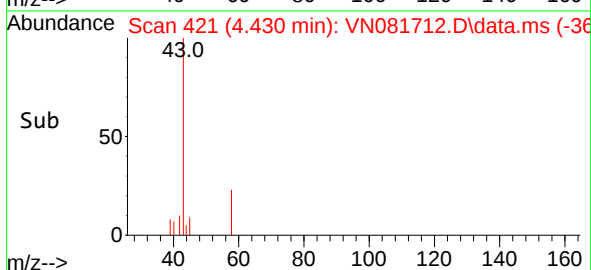
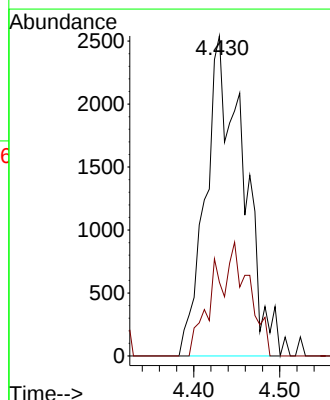
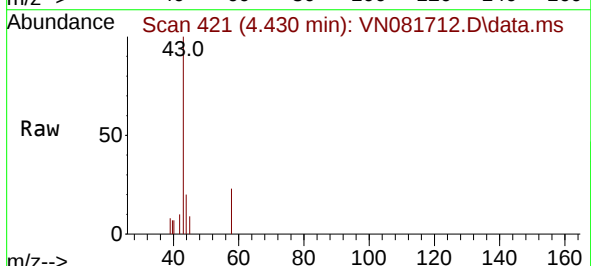
Acq: 12 Apr 2024 12:56

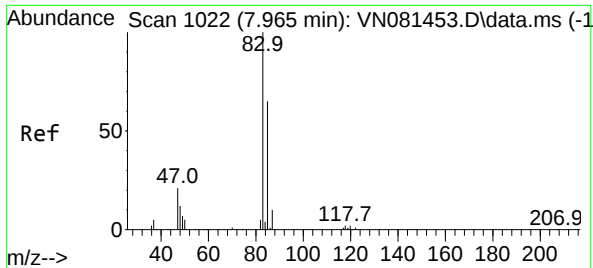
Tgt Ion: 43 Resp: 7744

Ion Ratio Lower Upper

43 100

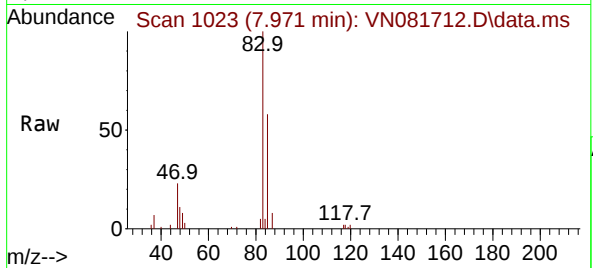
58 23.1 24.8 37.2#





#30
Chloroform
Concen: 9.177 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

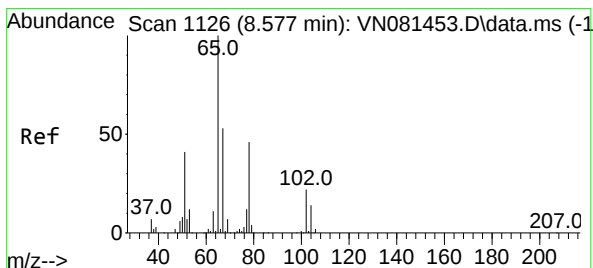
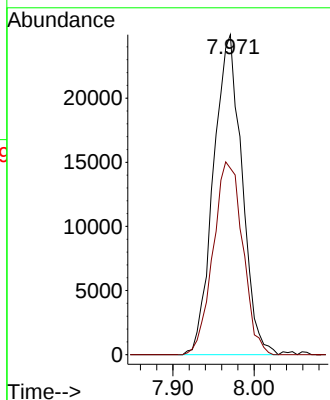
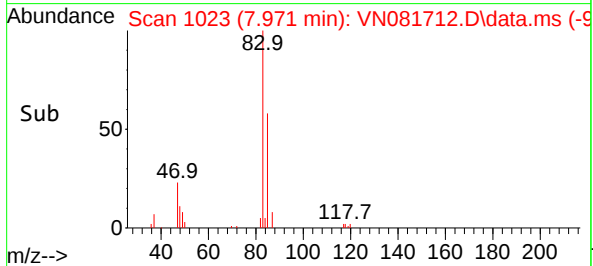
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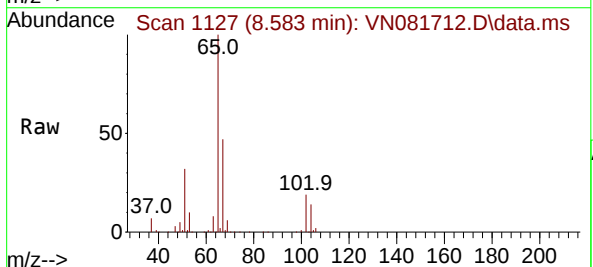
Tgt Ion: 83 Resp: 6075
Ion Ratio Lower Upper
83 100
85 58.3 51.0 76.6

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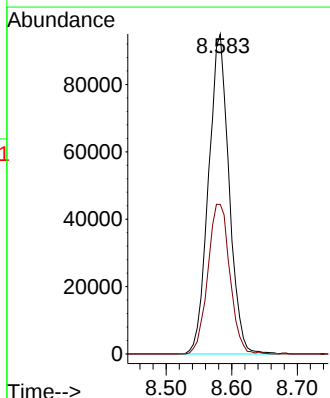
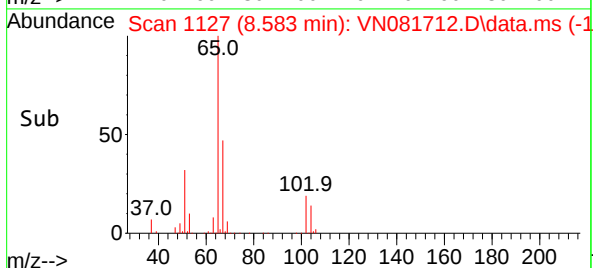
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

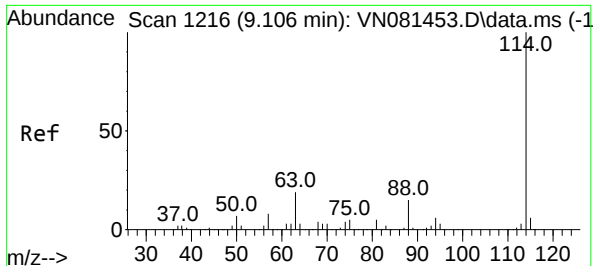


#33
1,2-Dichloroethane-d4
Concen: 60.135 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56



Tgt Ion: 65 Resp: 206055
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081712.D

Acq: 12 Apr 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

RSB-01-95-040924

Tgt Ion:114 Resp: 48762

Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

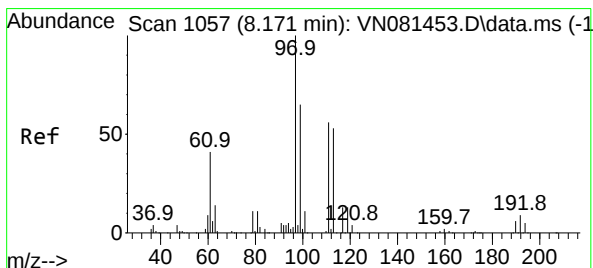
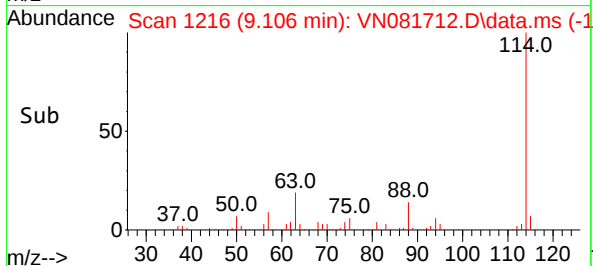
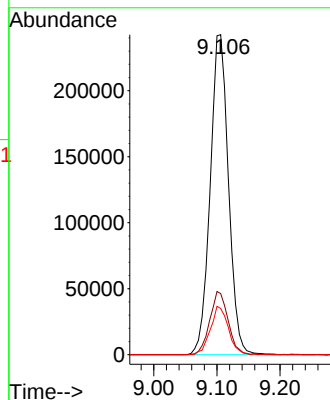
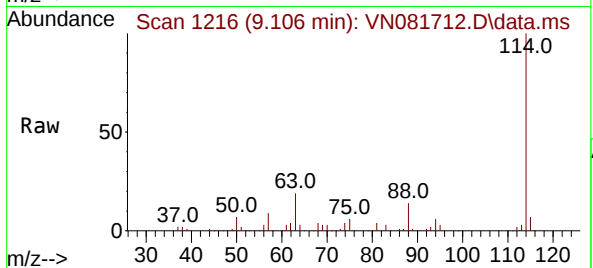
88 14.5 0.0 34.8

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#35

Dibromofluoromethane

Concen: 54.654 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081712.D

Acq: 12 Apr 2024 12:56

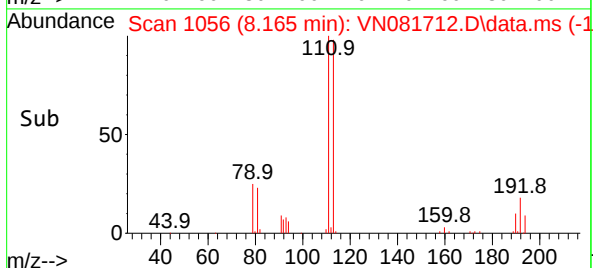
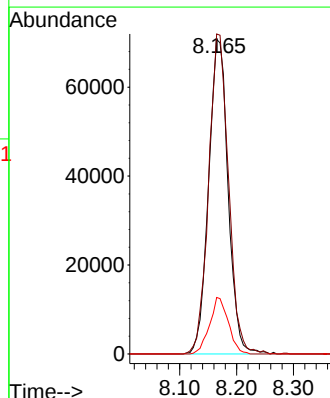
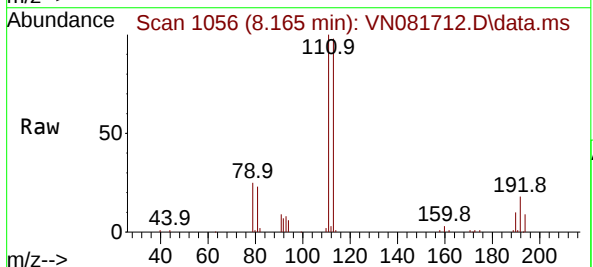
Tgt Ion:113 Resp: 168193

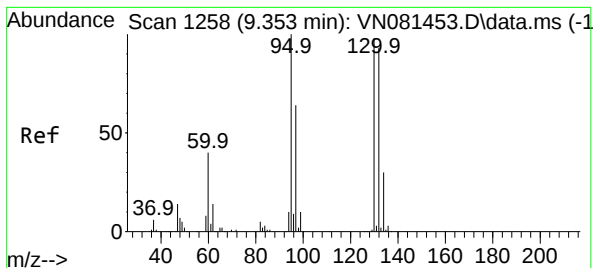
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 17.3 12.5 18.7





#44

Trichloroethene

Concen: 0.359 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081712.D

Acq: 12 Apr 2024 12:56

Instrument :

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RSB-01-95-040924

Tgt Ion:130 Resp: 152

Ion Ratio Lower Upper

130 100

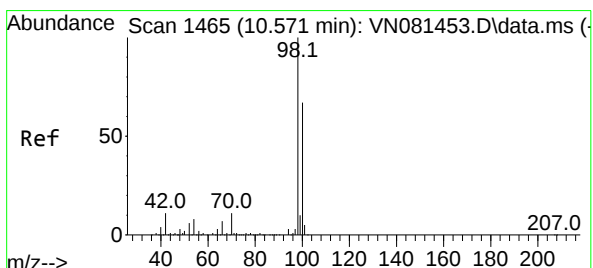
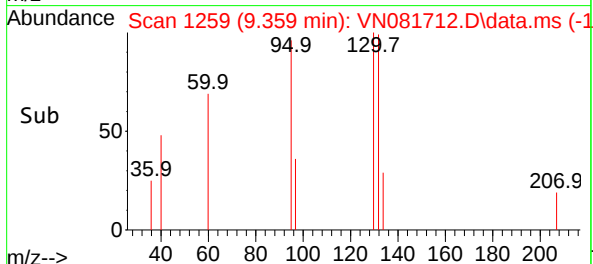
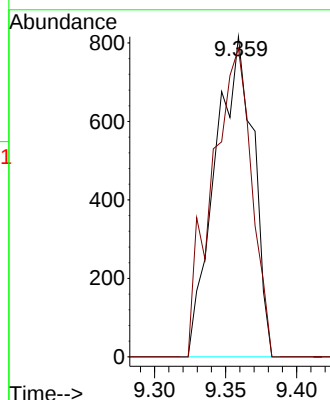
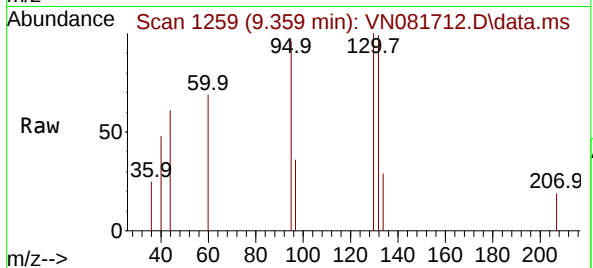
95 96.3 0.0 210.4

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#50

Toluene-d8

Concen: 54.489 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081712.D

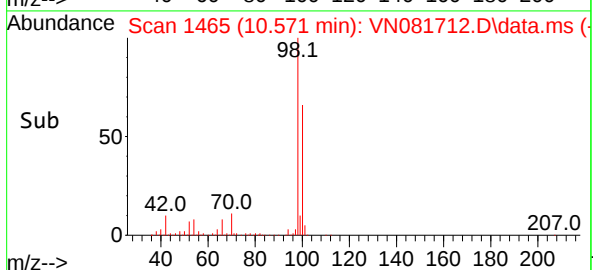
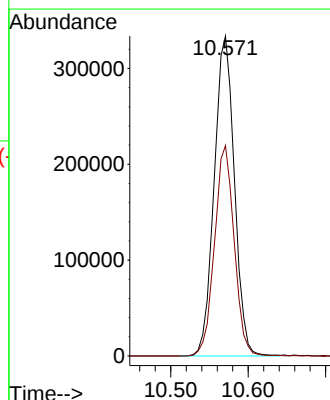
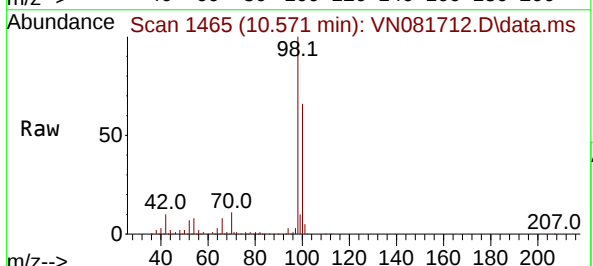
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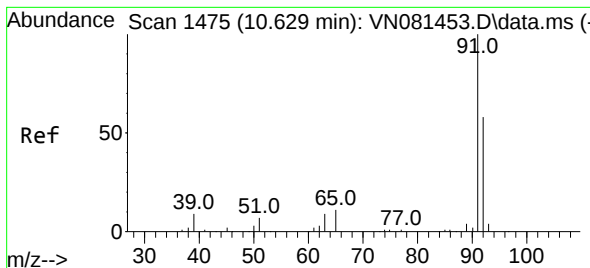
Tgt Ion: 98 Resp: 606157

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0





#52

Toluene

Concen: 1.699 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081712.D

Acq: 12 Apr 2024 12:56

Instrument :

MSVOA_N

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Tgt Ion: 92 Resp: 1635

Ion Ratio Lower Upper

92 100

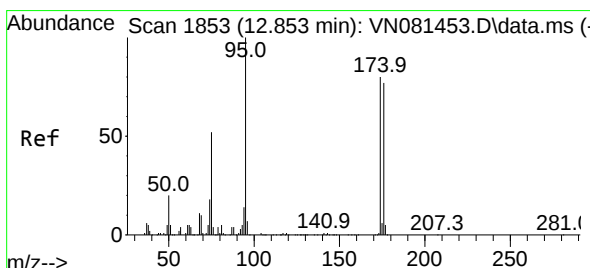
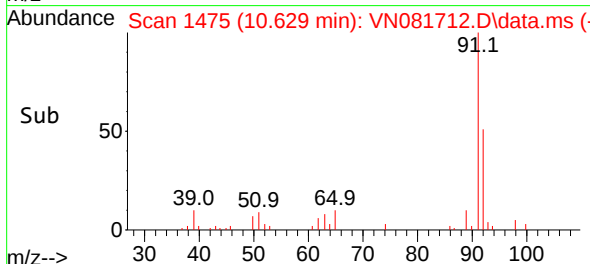
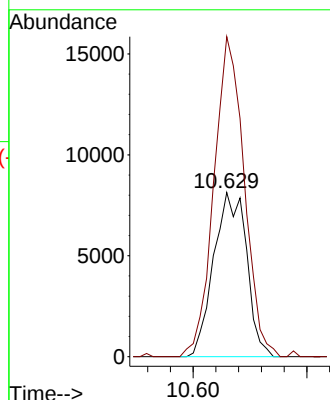
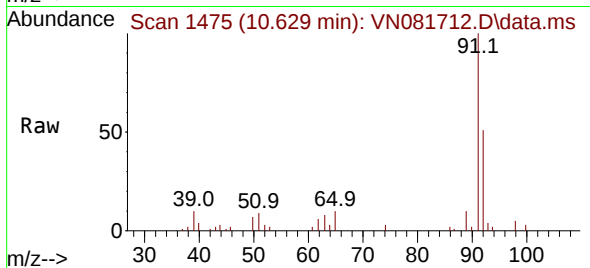
91 179.6 139.4 209.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.319 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081712.D

Acq: 12 Apr 2024 12:56

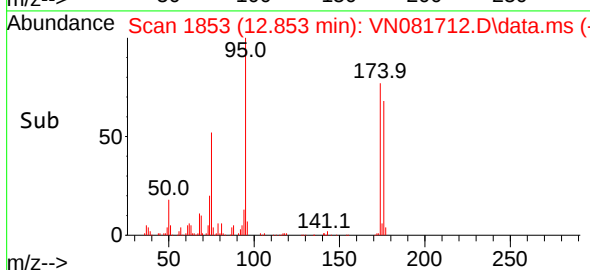
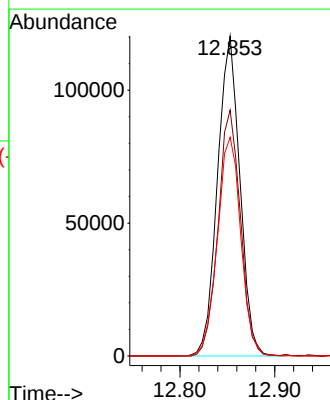
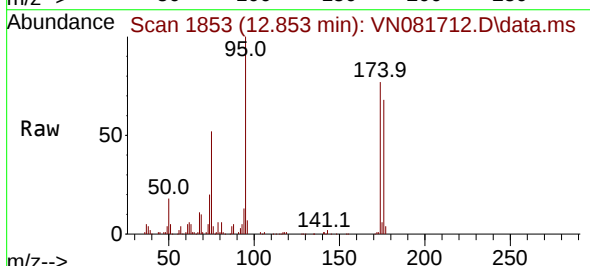
Tgt Ion: 95 Resp: 197243

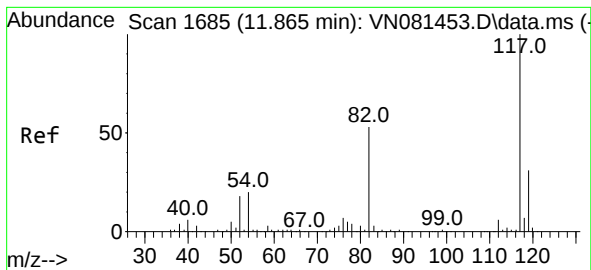
Ion Ratio Lower Upper

95 100

174 77.1 0.0 120.4

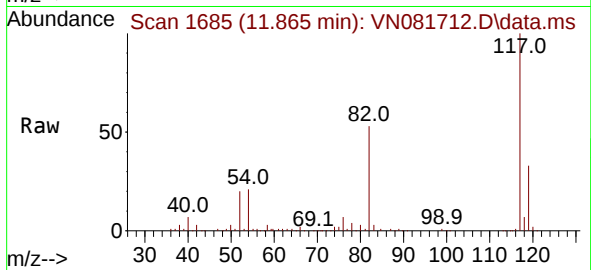
176 71.5 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56

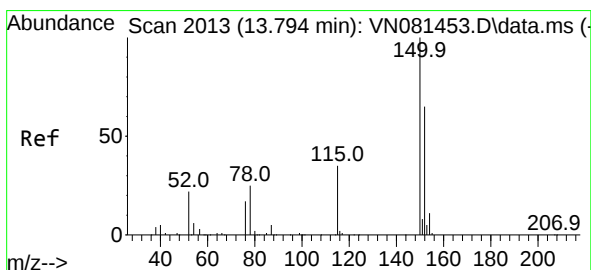
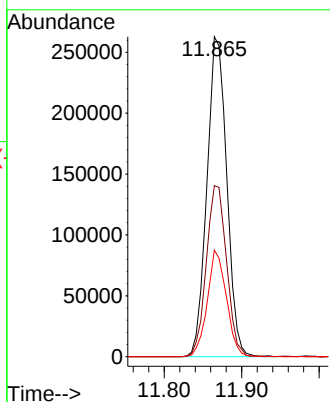
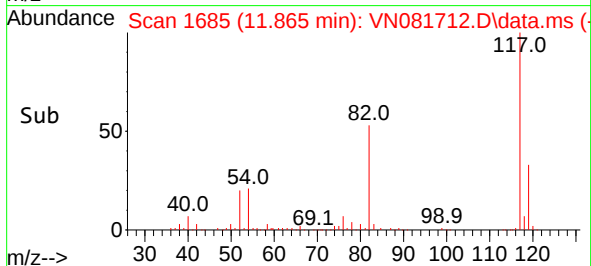
Instrument :
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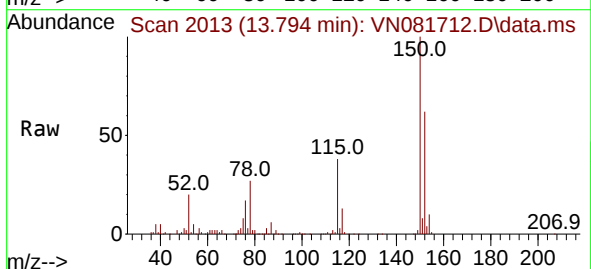
Tgt Ion:117 Resp: 467530
Ion Ratio Lower Upper
117 100
82 53.4 52.7 79.1
119 33.3 25.3 37.9

Manual Integrations
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Supervised By :Mahesh Dadoda 04/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081712.D
Acq: 12 Apr 2024 12:56



Tgt Ion:152 Resp: 193321
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 157.9 0.0 339.8

