

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081144.D
 Acq On : 22 Feb 2024 18:47
 Operator : JC\MD
 Sample : PB159186TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159186TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

Quant Time: Feb 23 04:30:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	293164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	572477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	487796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	189696	52.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.580%			
35) Dibromofluoromethane	8.171	113	151643	46.844	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.680%			
50) Toluene-d8	10.571	98	479322	41.689	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 83.380%#			
62) 4-Bromofluorobenzene	12.853	95	176910	40.949	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 81.900%#			
Target Compounds						
16) Acetone	4.447	43	9260m	6.549	ug/l	
20) Methylene Chloride	5.283	84	8450	1.407	ug/l #	71

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

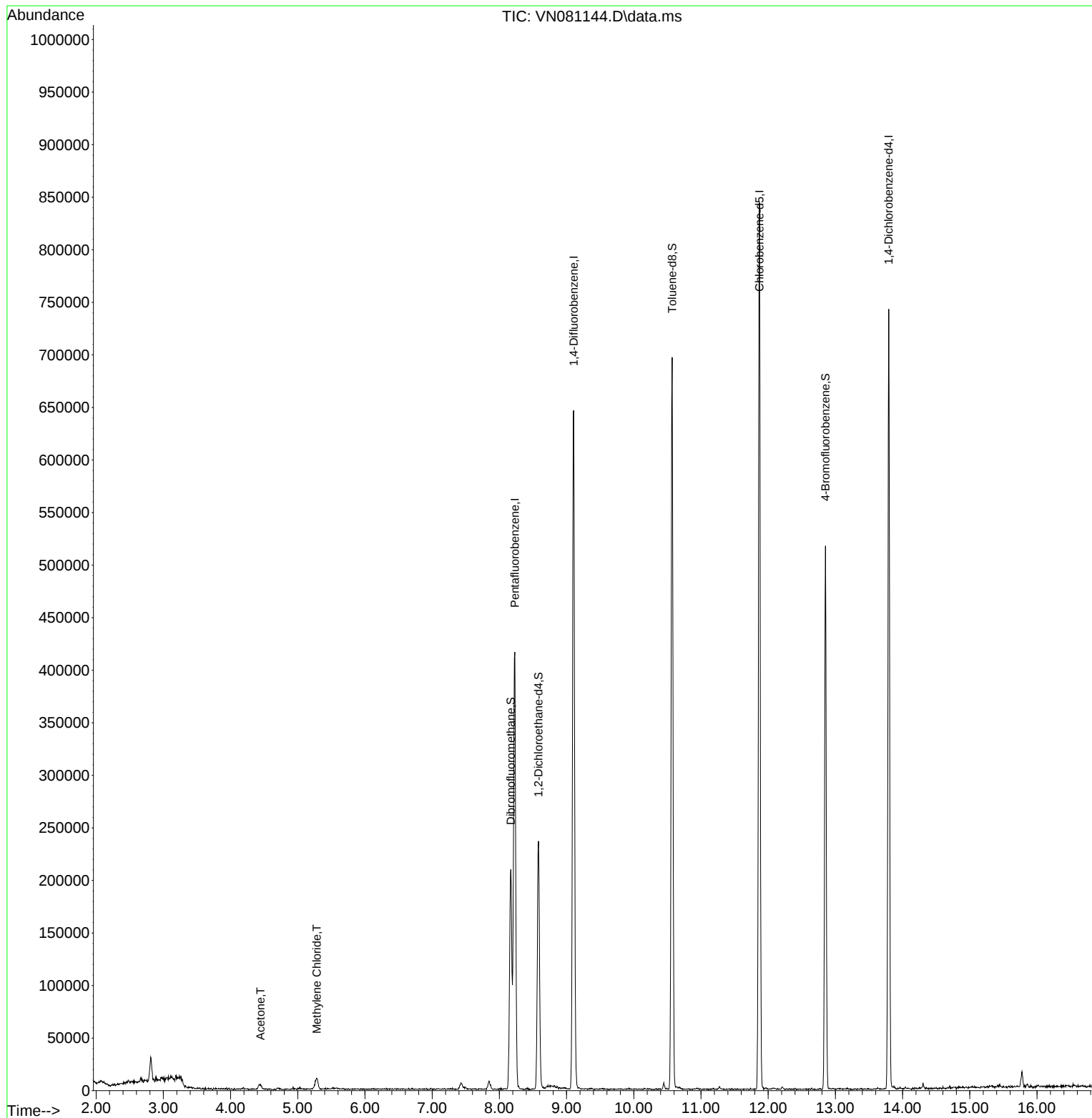
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
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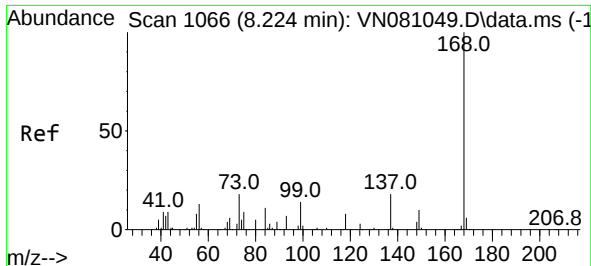
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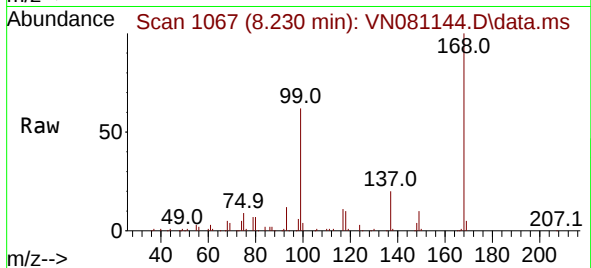
Quant Time: Feb 23 04:30:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081144.D
Acq: 22 Feb 2024 18:47

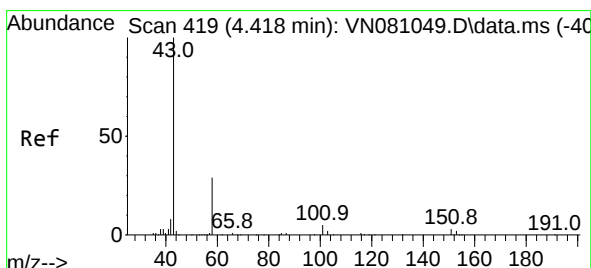
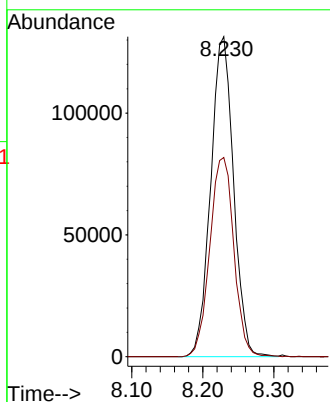
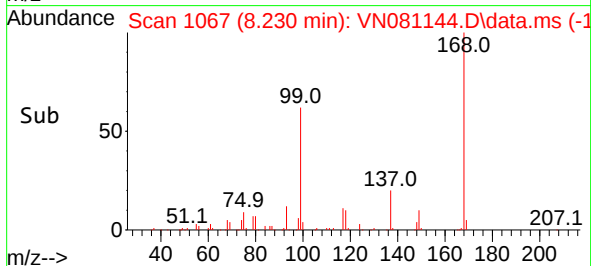
Instrument :
MSVOA_N
ClientSampleId :
PB159186TB



Tgt Ion:168 Resp: 293164
Ion Ratio Lower Upper
168 100
99 62.3 59.9 89.9

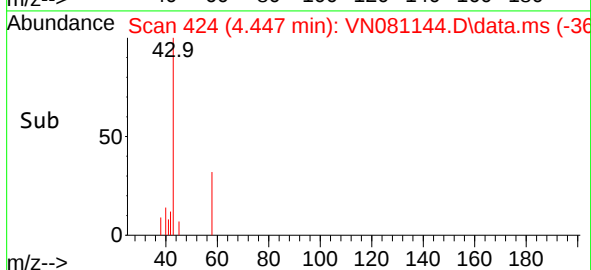
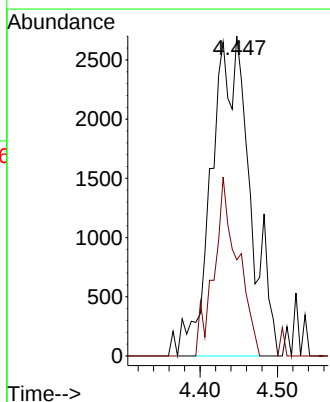
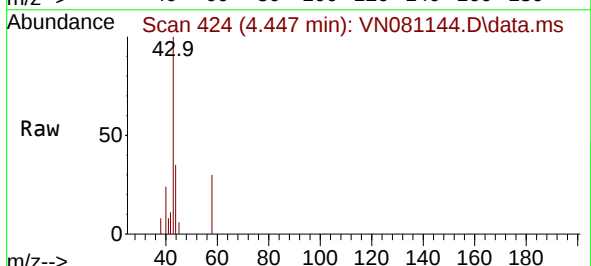
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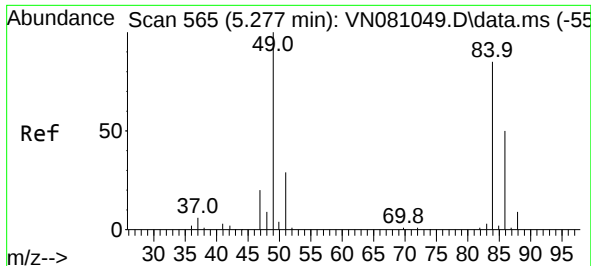
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#16
Acetone
Concen: 6.549 ug/l m
RT: 4.447 min Scan# 424
Delta R.T. 0.029 min
Lab File: VN081144.D
Acq: 22 Feb 2024 18:47

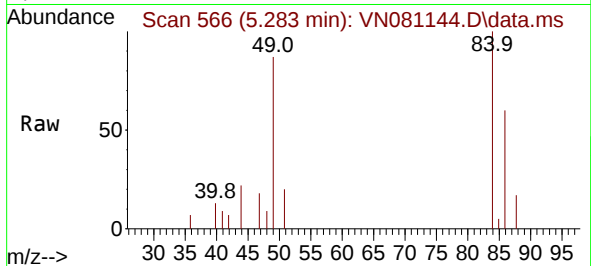
Tgt Ion: 43 Resp: 9260
Ion Ratio Lower Upper
43 100
58 30.0 24.8 37.2





#20
Methylene Chloride
Concen: 1.407 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081144.D
Acq: 22 Feb 2024 18:47

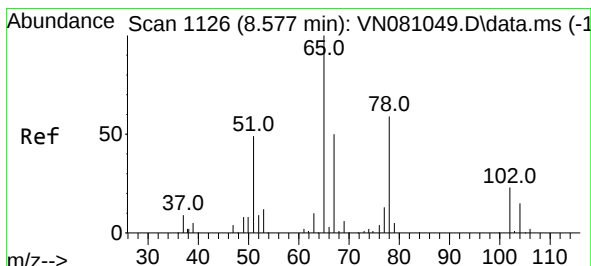
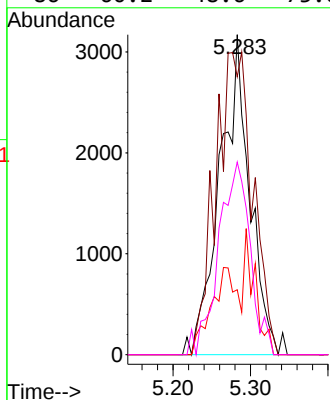
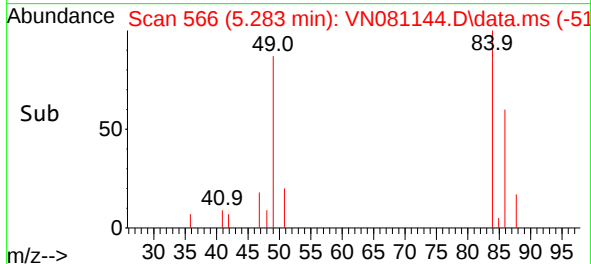
Instrument :
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ClientSampleId :
PB159186TB



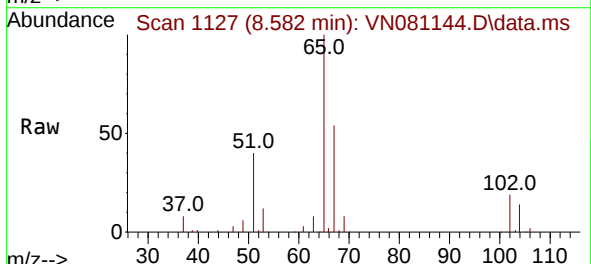
Tgt Ion: 84 Resp: 8450
Ion Ratio Lower Upper
84 100
49 86.8 108.1 162.1
51 20.3 32.9 49.3
86 60.2 48.6 73.0

Manual Integrations
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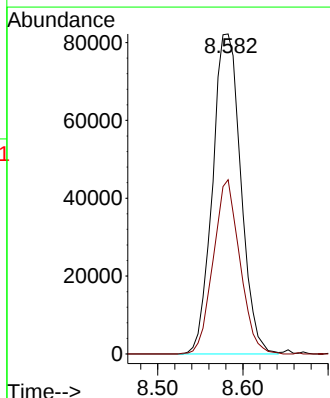
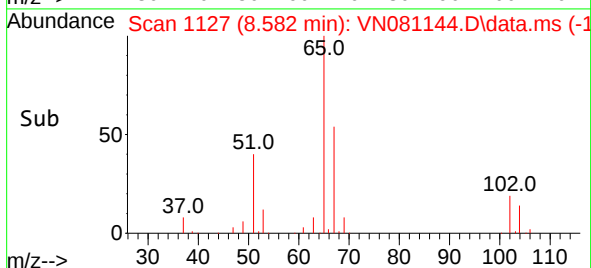
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Supervised By :Mahesh Dadoda 02/23/2024

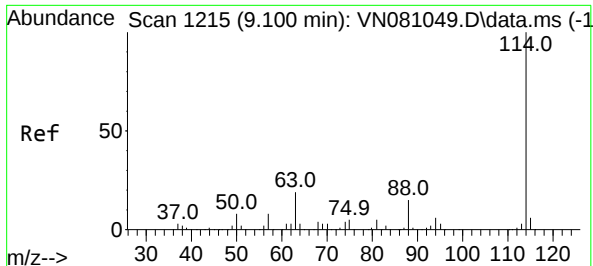


#33
1,2-Dichloroethane-d4
Concen: 52.791 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081144.D
Acq: 22 Feb 2024 18:47



Tgt Ion: 65 Resp: 189696
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081144.D

Acq: 22 Feb 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

PB159186TB

Tgt Ion:114 Resp: 57247

Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

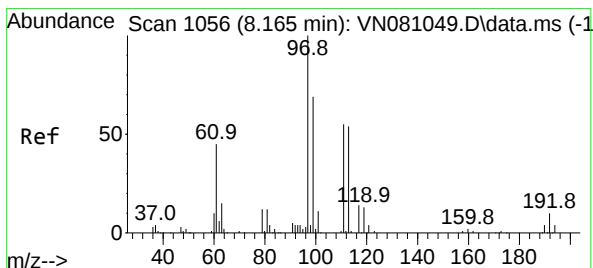
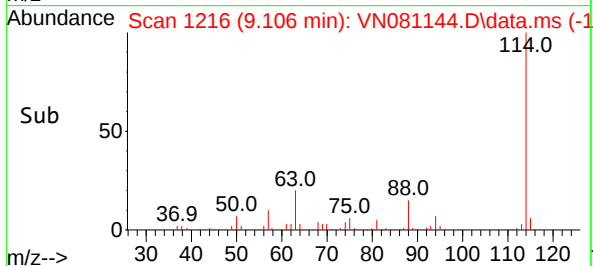
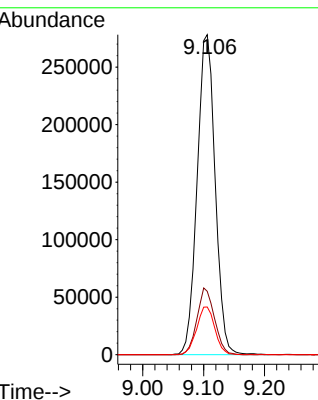
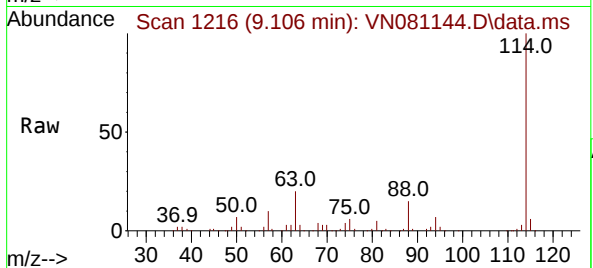
88 14.9 0.0 34.8

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#35

Dibromofluoromethane

Concen: 46.844 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081144.D

Acq: 22 Feb 2024 18:47

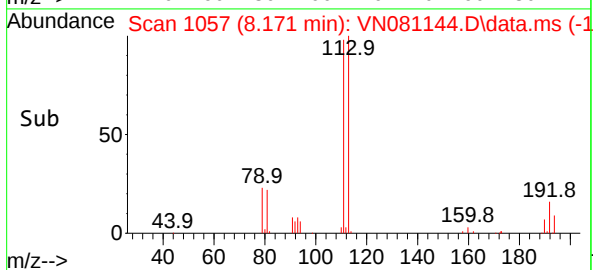
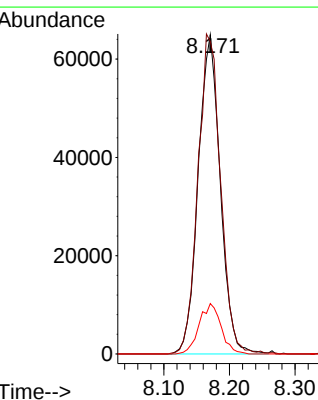
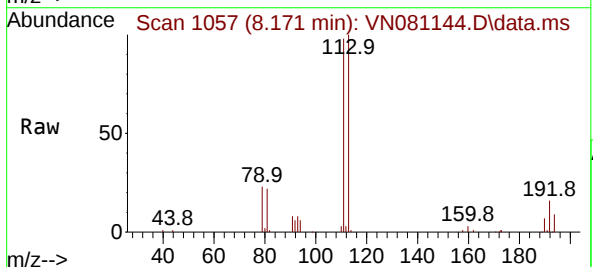
Tgt Ion:113 Resp: 151643

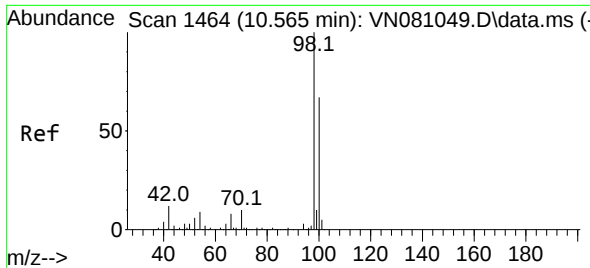
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

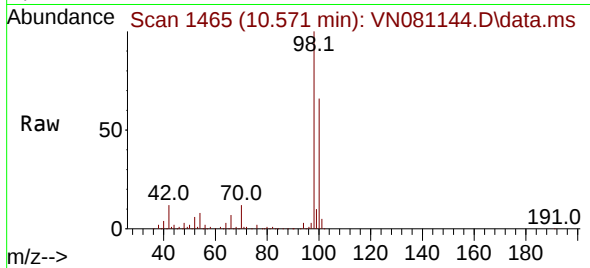
192 15.8 12.5 18.7





#50
Toluene-d8
Concen: 41.689 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081144.D
Acq: 22 Feb 2024 18:47

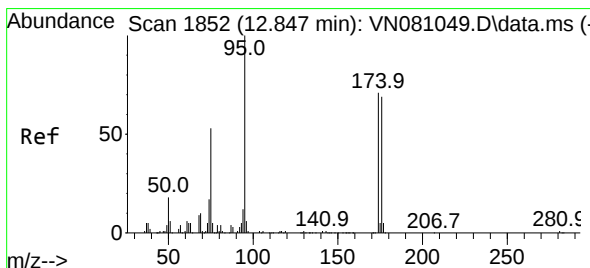
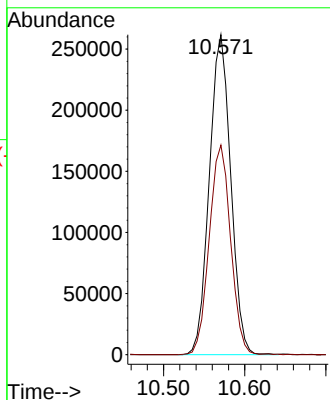
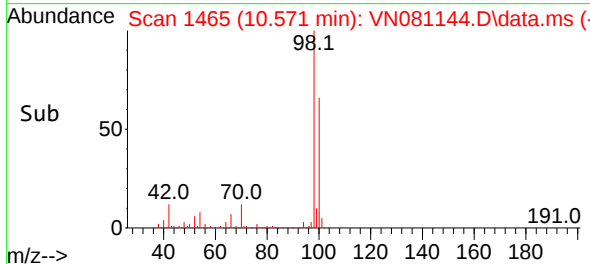
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Tgt Ion: 98 Resp: 47932
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0

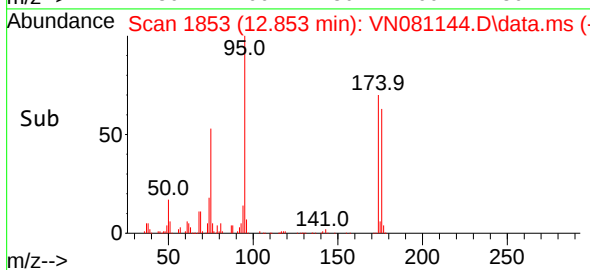
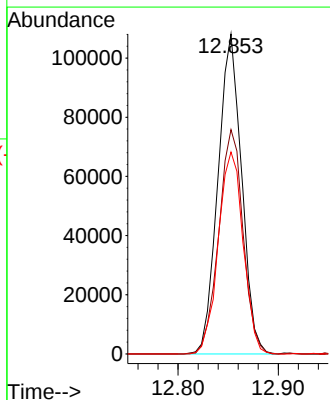
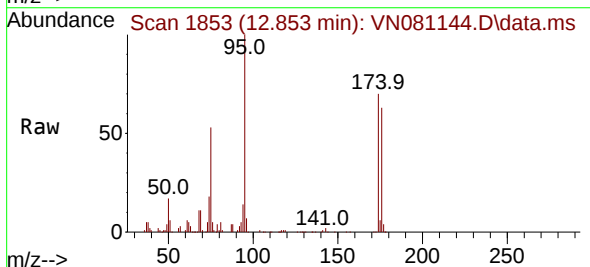
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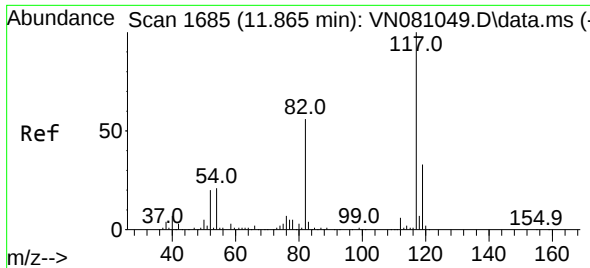
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#62
4-Bromofluorobenzene
Concen: 40.949 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081144.D
Acq: 22 Feb 2024 18:47

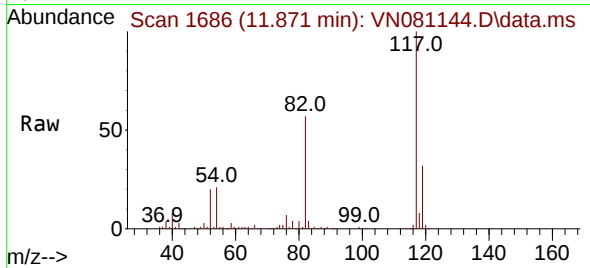
Tgt Ion: 95 Resp: 176910
Ion Ratio Lower Upper
95 100
174 72.2 0.0 120.4
176 66.6 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081144.D
Acq: 22 Feb 2024 18:47

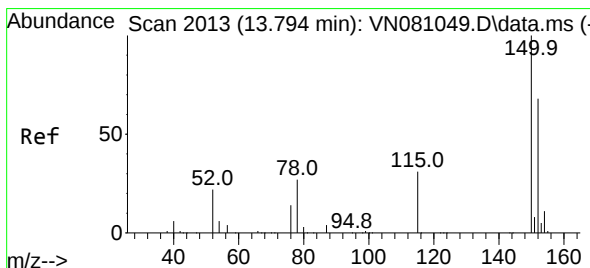
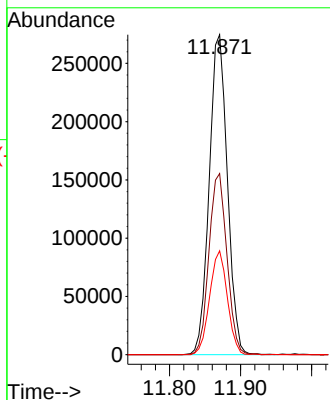
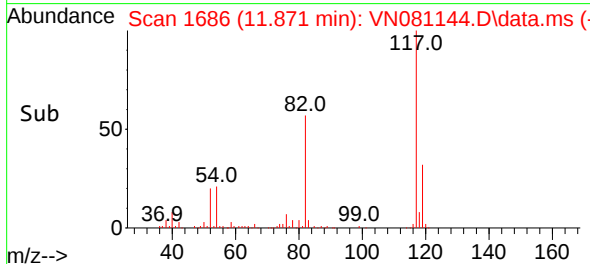
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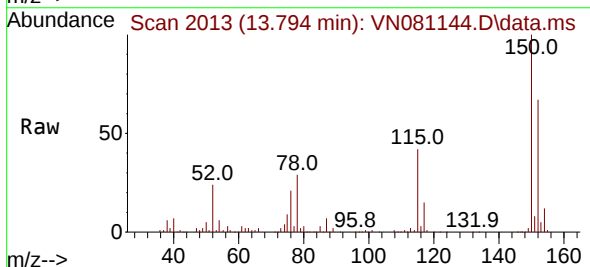
Tgt Ion:117 Resp: 487790
Ion Ratio Lower Upper
117 100
82 56.6 52.7 79.1
119 32.5 25.3 37.9

Manual Integrations
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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: VN081144.D
Acq: 22 Feb 2024 18:47



Tgt Ion:152 Resp: 193426
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 154.1 0.0 339.8

