

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
 Data File : VN081591.D
 Acq On : 27 Mar 2024 17:32
 Operator : JC\MD
 Sample : PB159779ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159779ZHE#07

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2024
 Supervised By : Mahesh Dadoda 03/28/2024

Quant Time: Mar 28 01:30:31 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	361376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	682443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	652541	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	246127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	248622	53.948	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 107.900%		
35) Dibromofluoromethane	8.165	113	217198	50.430	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 100.860%		
50) Toluene-d8	10.571	98	851177	54.671	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 109.340%		
62) 4-Bromofluorobenzene	12.847	95	266258	48.535	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 97.060%		
Target Compounds						Qvalue
16) Acetone	4.430	43	38263	25.691	ug/l	96
20) Methylene Chloride	5.277	84	15499	3.177	ug/l	# 83
37) Ethyl Acetate	7.559	43	6478	1.044	ug/l	# 91
43) Isopropyl Acetate	8.688	43	358401m	34.837	ug/l	

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

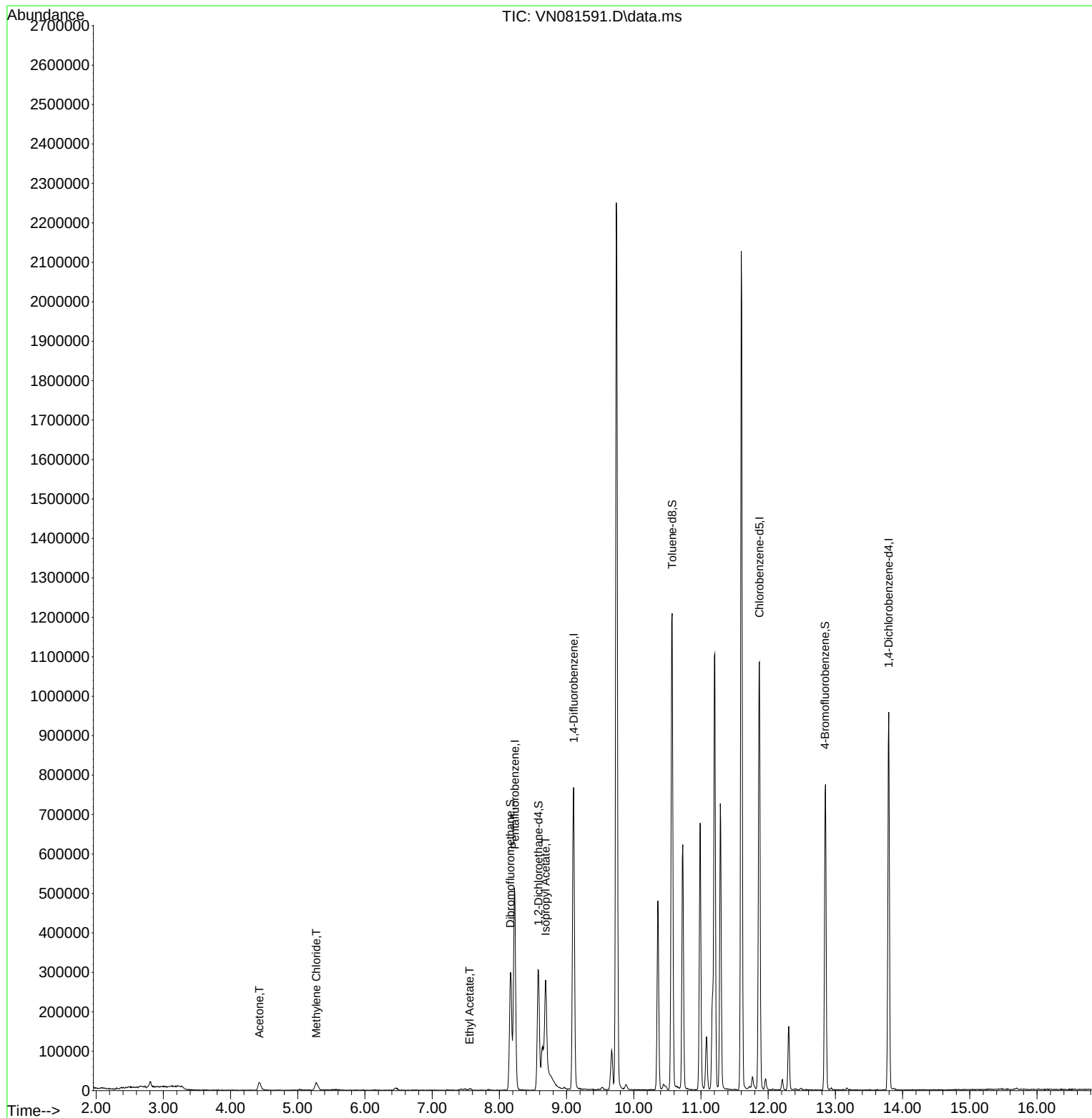
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
Data File : VN081591.D
Acq On : 27 Mar 2024 17:32
Operator : JC\MD
Sample : PB159779ZHE#07
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ALS Vial : 14 Sample Multiplier: 1

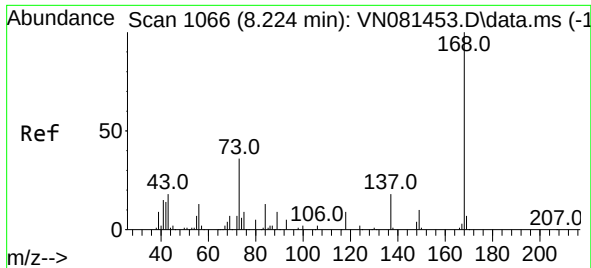
Instrument :
MSVOA_N
ClientSampleId :
PB159779ZHE#07

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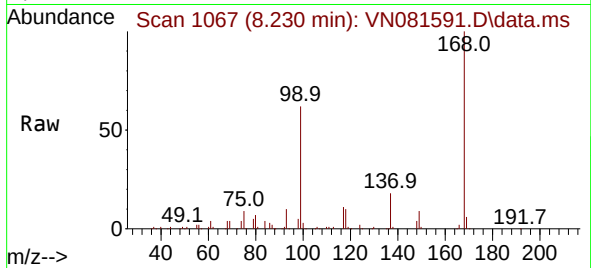
Quant Time: Mar 28 01:30:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081591.D
Acq: 27 Mar 2024 17:32

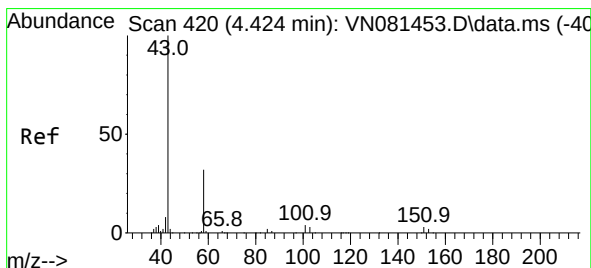
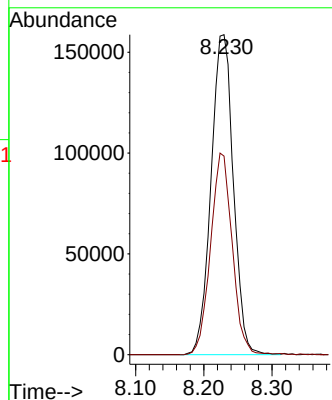
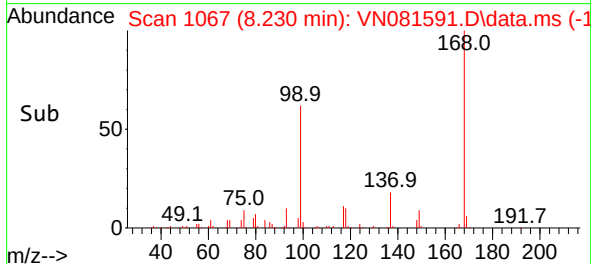
Instrument :
MSVOA_N
ClientSampleId :
PB159779ZHE#07



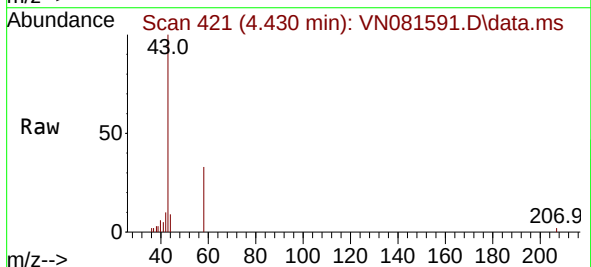
Tgt Ion:168 Resp: 361370
Ion Ratio Lower Upper
168 100
99 62.0 59.9 89.9

Manual Integrations
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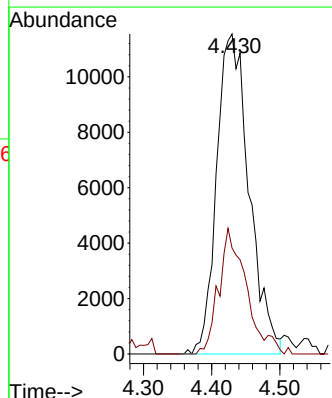
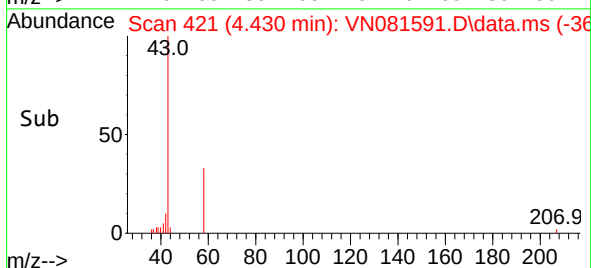
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

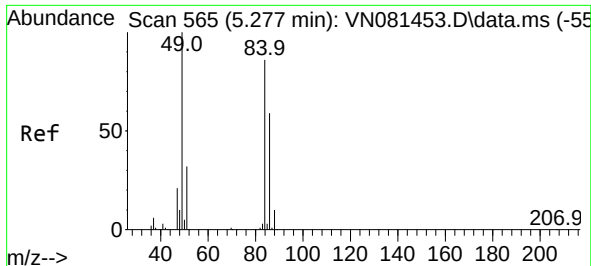


#16
Acetone
Concen: 25.691 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081591.D
Acq: 27 Mar 2024 17:32



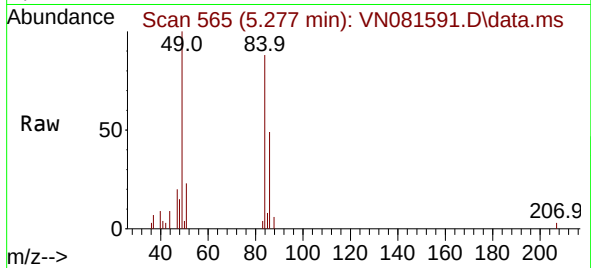
Tgt Ion: 43 Resp: 38263
Ion Ratio Lower Upper
43 100
58 33.1 24.8 37.2





#20
Methylene Chloride
Concen: 3.177 ug/l
RT: 5.277 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN081591.D
Acq: 27 Mar 2024 17:32

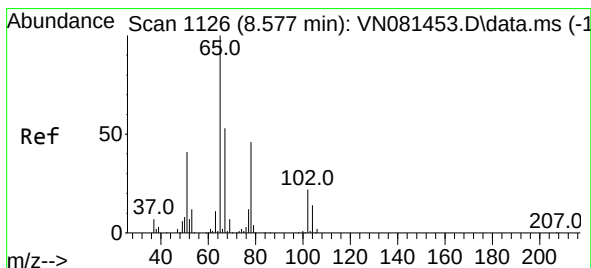
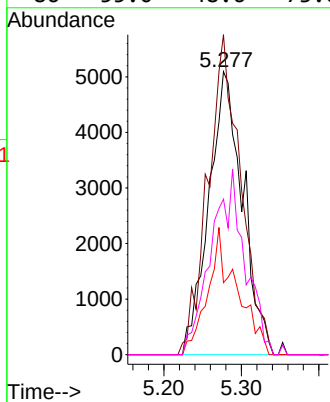
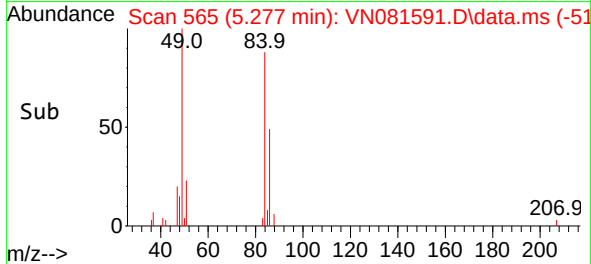
Instrument :
MSVOA_N
ClientSampleId :
PB159779ZHE#07



Tgt Ion: 84 Resp: 15499
Ion Ratio Lower Upper
84 100
49 113.0 108.1 162.1
51 25.5 32.9 49.3
86 55.0 48.6 73.0

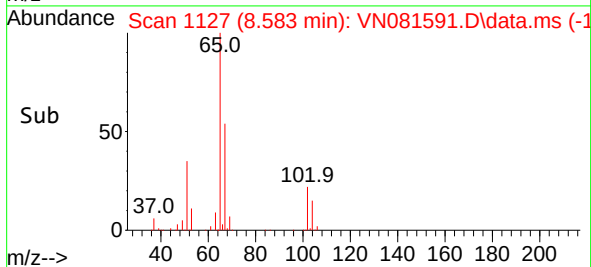
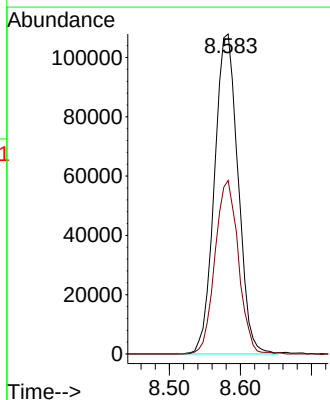
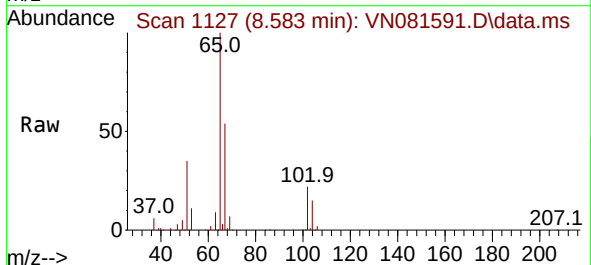
Manual Integrations
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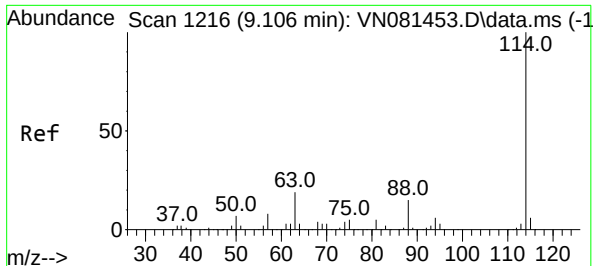
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#33
1,2-Dichloroethane-d4
Concen: 53.948 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081591.D
Acq: 27 Mar 2024 17:32

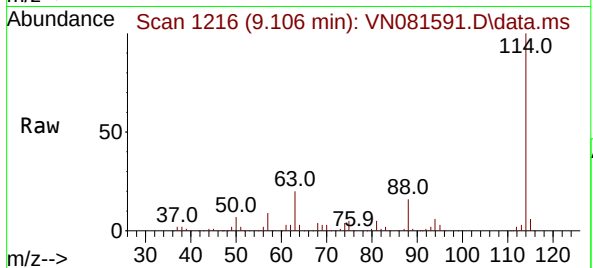
Tgt Ion: 65 Resp: 248622
Ion Ratio Lower Upper
65 100
67 53.8 0.0 102.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN081591.D
Acq: 27 Mar 2024 17:32

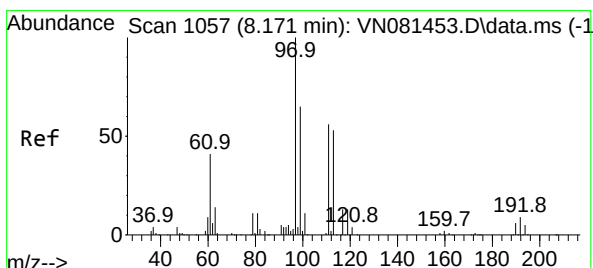
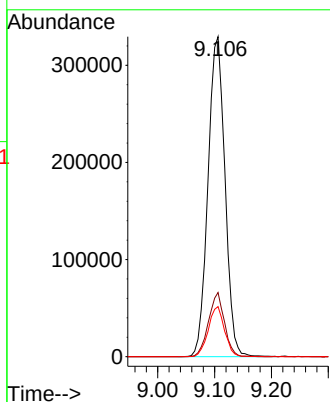
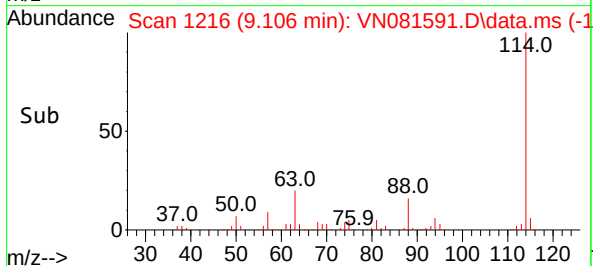
Instrument :
MSVOA_N
ClientSampleId :
PB159779ZHE#07



Tgt Ion:114 Resp: 68244
Ion Ratio Lower Upper
114 100
63 20.1 0.0 48.0
88 15.7 0.0 34.8

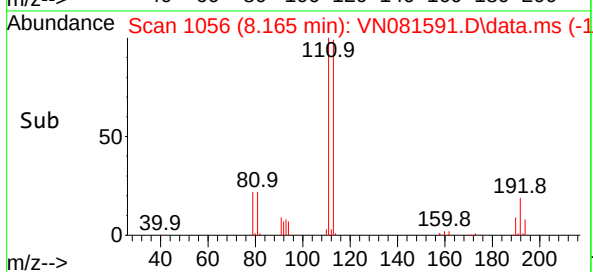
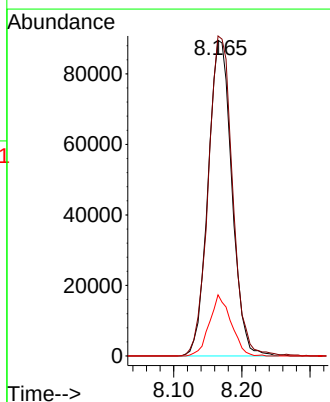
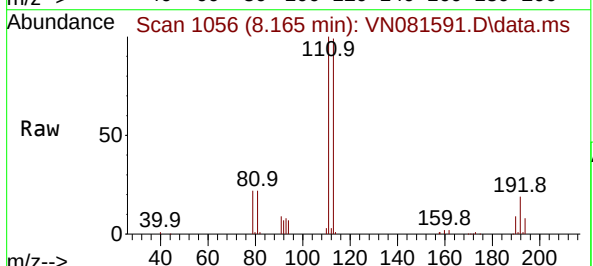
Manual Integrations
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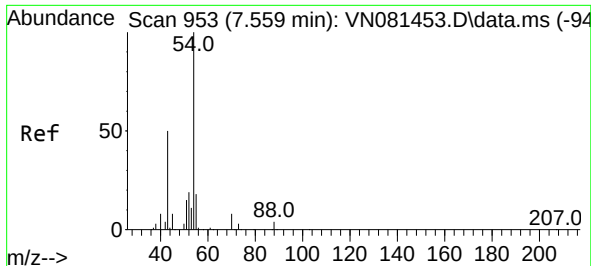
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#35
Dibromofluoromethane
Concen: 50.430 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081591.D
Acq: 27 Mar 2024 17:32

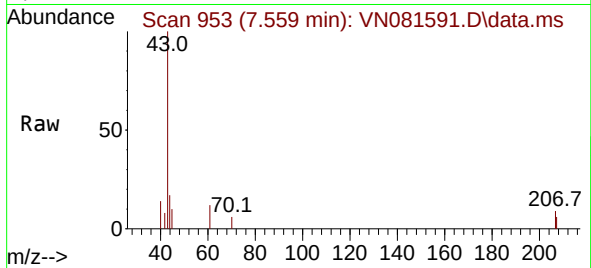
Tgt Ion:113 Resp: 217198
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.7 12.5 18.7





#37
Ethyl Acetate
Concen: 1.044 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081591.D
Acq: 27 Mar 2024 17:32

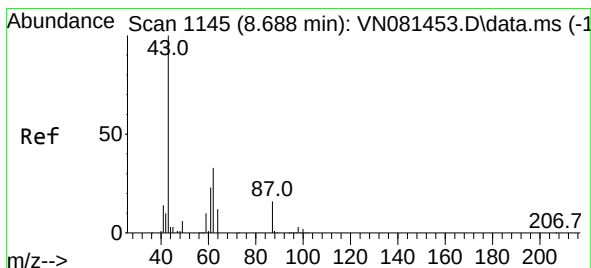
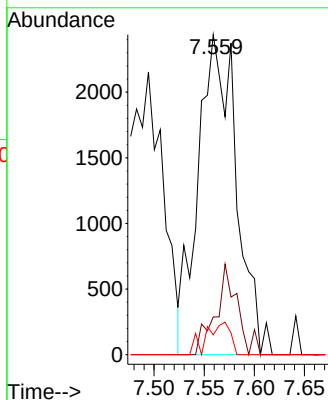
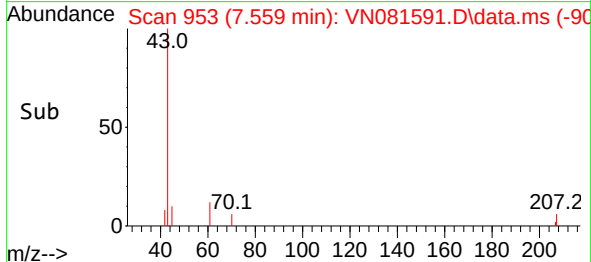
Instrument :
MSVOA_N
ClientSampleId :
PB159779ZHE#07



Tgt Ion: 43 Resp: 6478
Ion Ratio Lower Upper
43 100
61 16.2 10.6 15.8
70 6.3 8.0 12.0

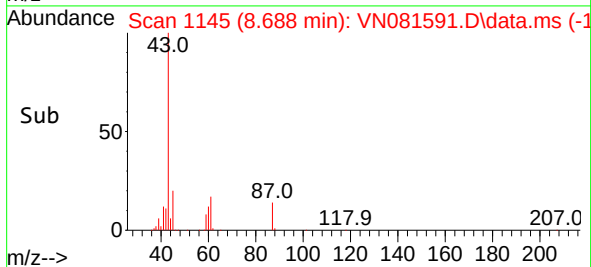
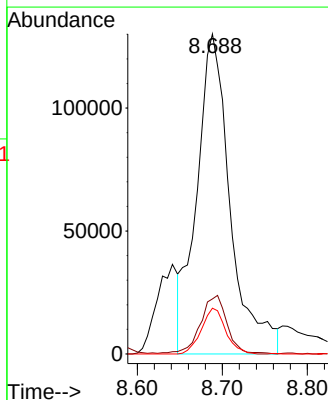
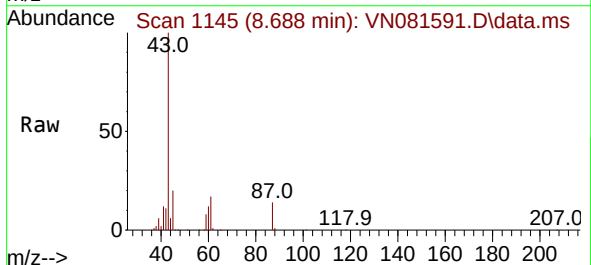
Manual Integrations
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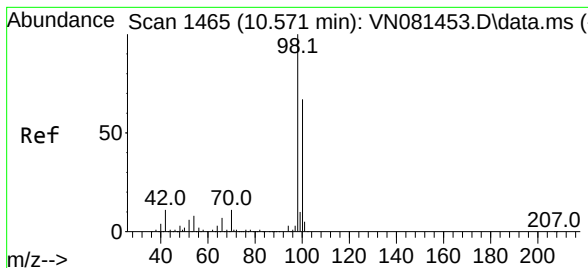
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#43
Isopropyl Acetate
Concen: 34.837 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081591.D
Acq: 27 Mar 2024 17:32

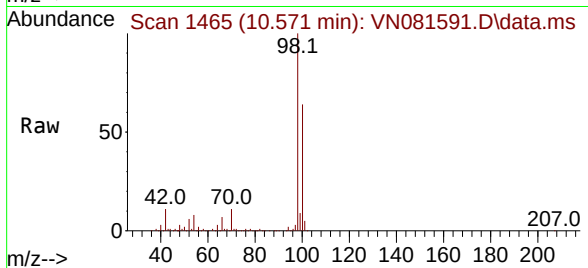
Tgt Ion: 43 Resp: 358401
Ion Ratio Lower Upper
43 100
61 14.5 19.9 29.9
87 10.3 9.0 13.6





#50
Toluene-d8
Concen: 54.671 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081591.D
Acq: 27 Mar 2024 17:32

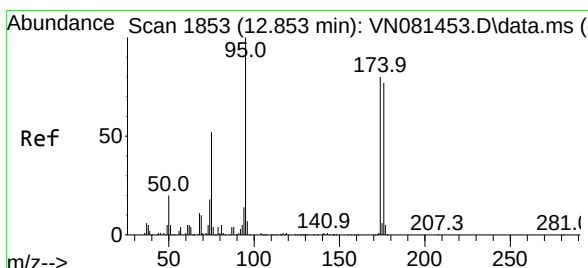
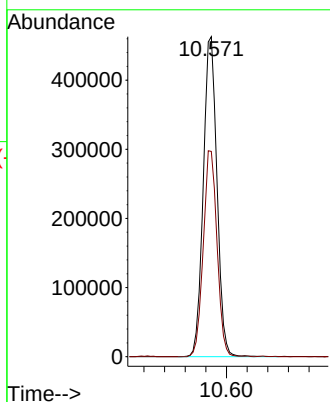
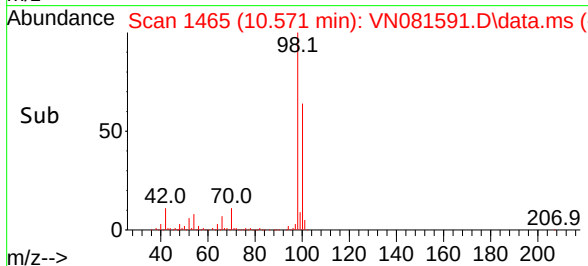
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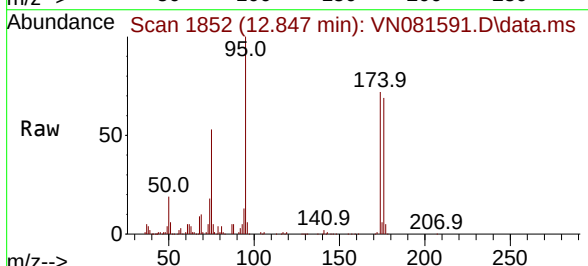
Tgt Ion: 98 Resp: 85117
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

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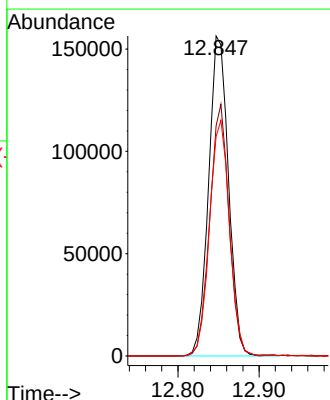
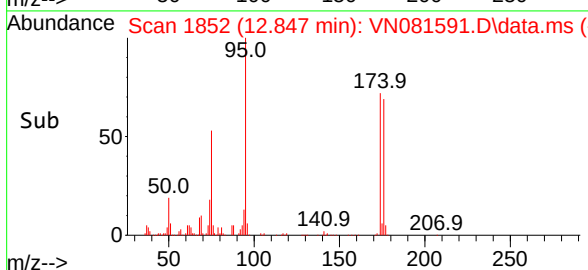
Reviewed By :John Carlone 03/28/2024
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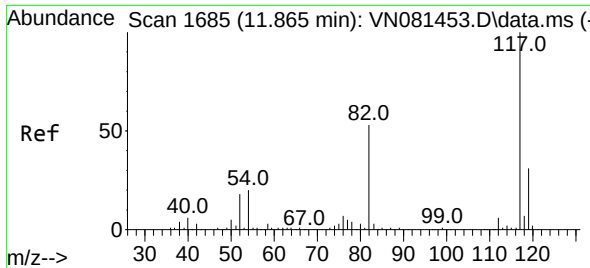


#62
4-Bromofluorobenzene
Concen: 48.535 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081591.D
Acq: 27 Mar 2024 17:32



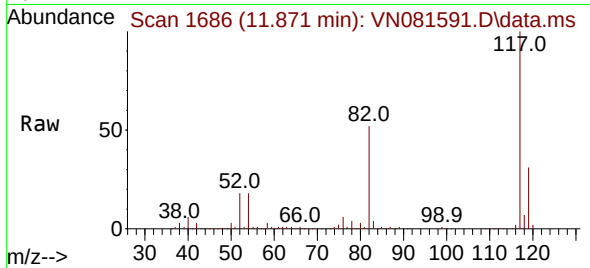
Tgt Ion: 95 Resp: 266258
Ion Ratio Lower Upper
95 100
174 76.1 0.0 120.4
176 73.9 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081591.D
Acq: 27 Mar 2024 17:32

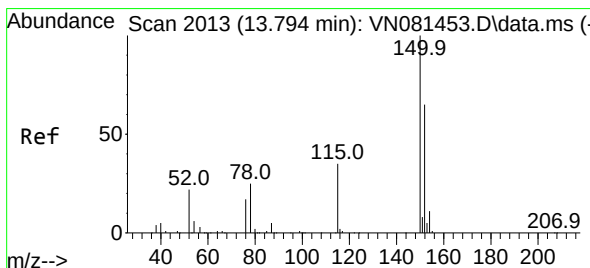
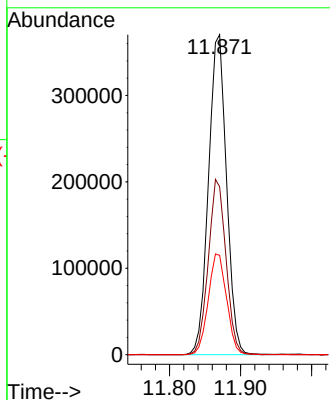
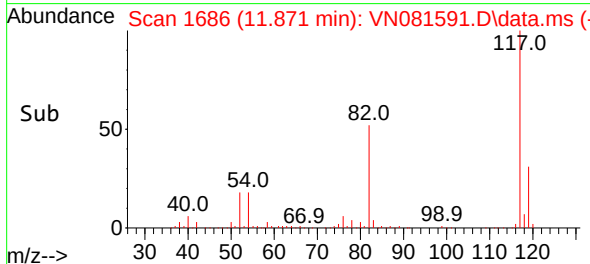
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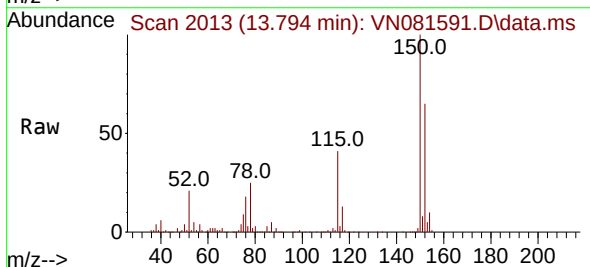
Tgt Ion:117 Resp: 65254
Ion Ratio Lower Upper
117 100
82 52.5 52.7 79.1
119 31.0 25.3 37.9

Manual Integrations
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Supervised By :Mahesh Dadoda 03/28/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081591.D
Acq: 27 Mar 2024 17:32



Tgt Ion:152 Resp: 246127
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 160.9 0.0 339.8

