

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081321.D
 Acq On : 06 Mar 2024 13:01
 Operator : JC\MD
 Sample : PB159453ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159453ZHE#02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 00:25:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	294058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	545158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	477261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	174449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	217726	51.209	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	102.420%	
35) Dibromofluoromethane	8.171	113	169024	50.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	101.220%	
50) Toluene-d8	10.571	98	661624	52.990	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	105.980%	
62) 4-Bromofluorobenzene	12.853	95	198073	44.885	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	=	89.760%	
Target Compounds						Qvalue
16) Acetone	4.436	43	111051	73.719	ug/l	94
20) Methylene Chloride	5.277	84	53530	13.800	ug/l	88
37) Ethyl Acetate	7.565	43	8169	1.551	ug/l #	88
43) Isopropyl Acetate	8.688	43	400593m	43.451	ug/l	

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

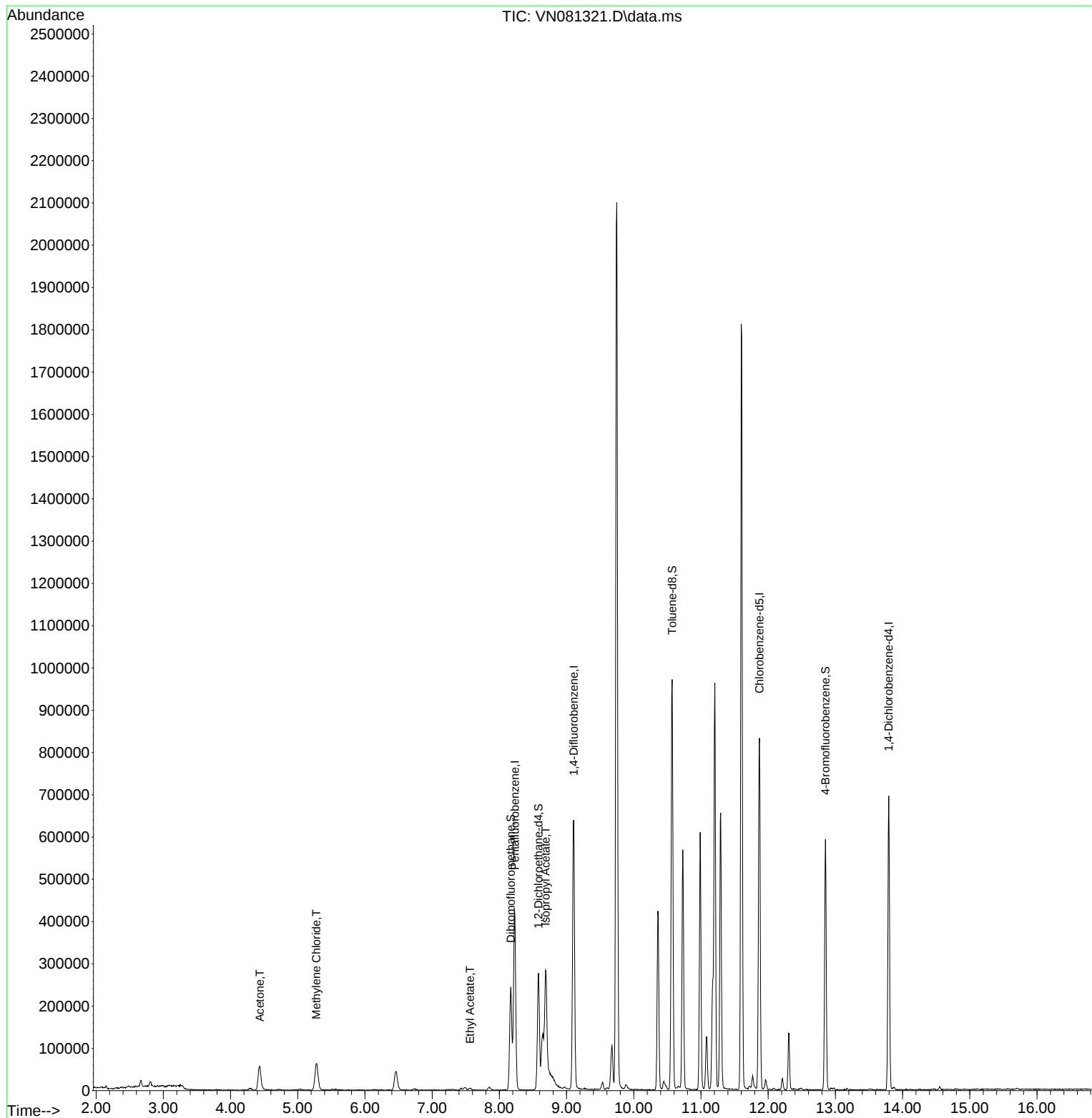
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
Data File : VN081321.D
Acq On : 06 Mar 2024 13:01
Operator : JC\MD
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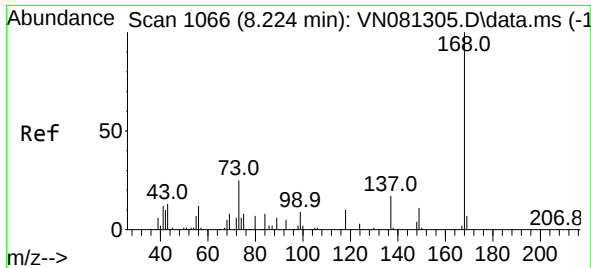
Instrument :
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PB159453ZHE#02

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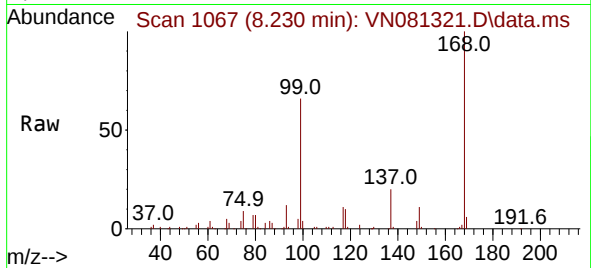
Quant Time: Mar 07 00:25:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081321.D
Acq: 06 Mar 2024 13:01

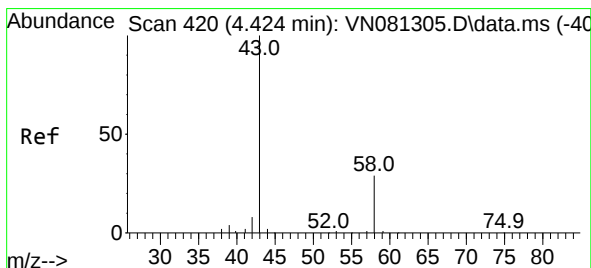
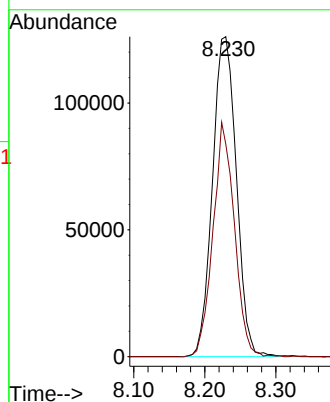
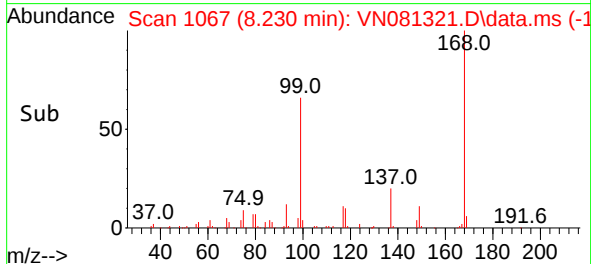
Instrument :
MSVOA_N
ClientSampleId :
PB159453ZHE#02



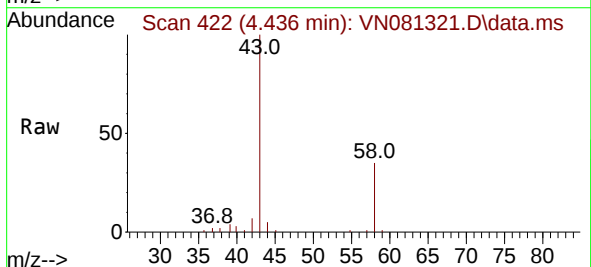
Tgt Ion:168 Resp: 294058
Ion Ratio Lower Upper
168 100
99 66.4 59.9 89.9

Manual Integrations
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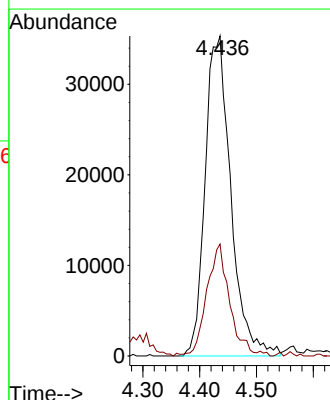
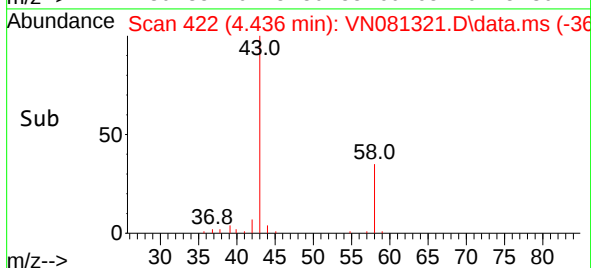
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

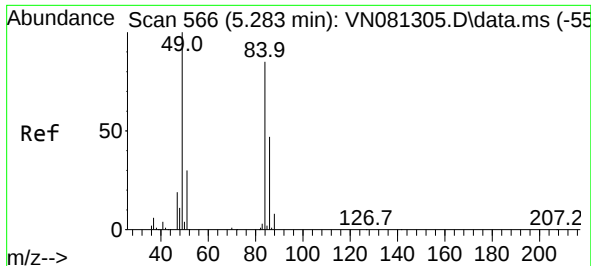


#16
Acetone
Concen: 73.719 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081321.D
Acq: 06 Mar 2024 13:01



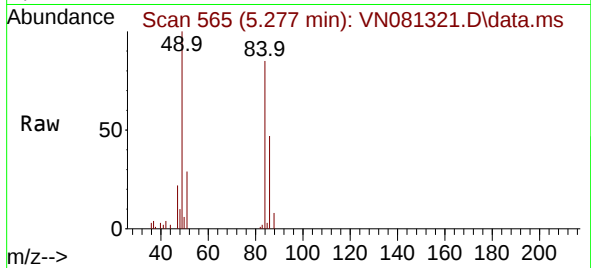
Tgt Ion: 43 Resp: 111051
Ion Ratio Lower Upper
43 100
58 34.5 24.8 37.2





#20
Methylene Chloride
Concen: 13.800 ug/l
RT: 5.277 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN081321.D
Acq: 06 Mar 2024 13:01

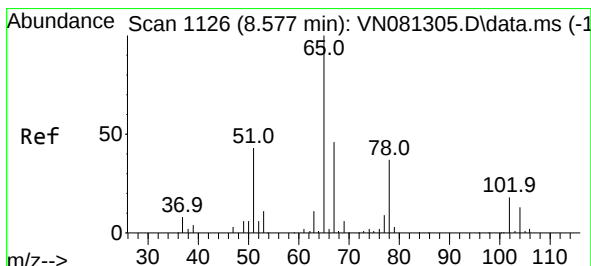
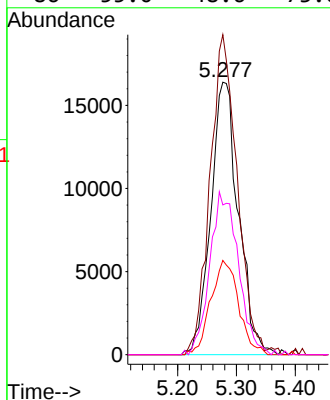
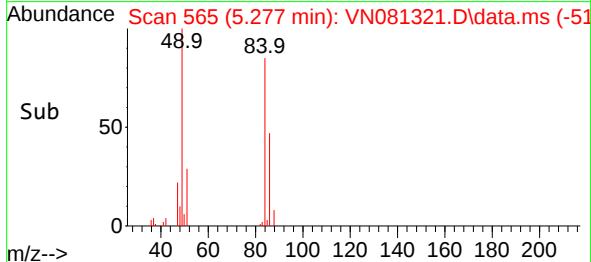
Instrument :
MSVOA_N
ClientSampleId :
PB159453ZHE#02



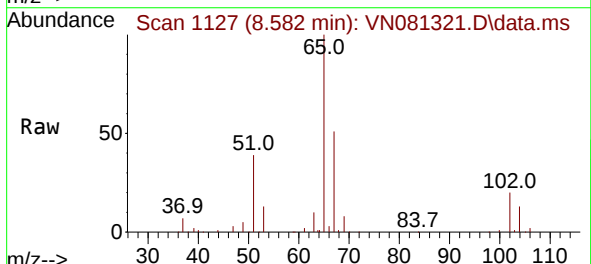
Tgt Ion: 84 Resp: 53530
Ion Ratio Lower Upper
84 100
49 117.5 108.1 162.1
51 34.6 32.9 49.3
86 55.0 48.6 73.0

Manual Integrations
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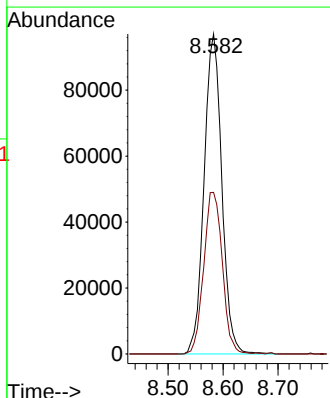
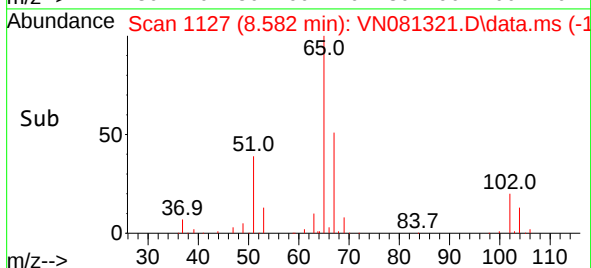
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

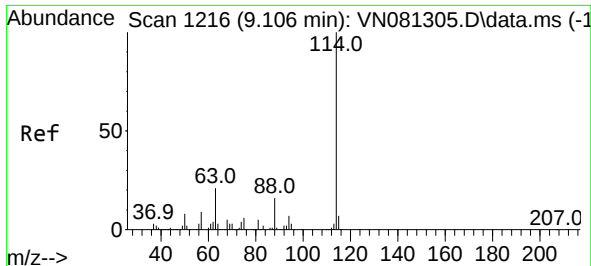


#33
1,2-Dichloroethane-d4
Concen: 51.209 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081321.D
Acq: 06 Mar 2024 13:01



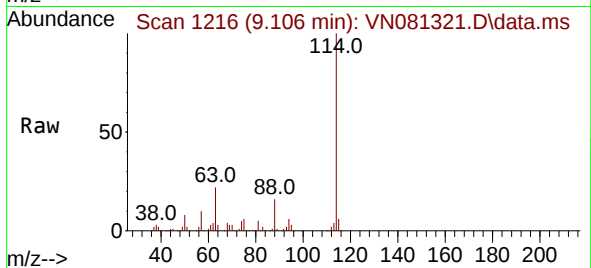
Tgt Ion: 65 Resp: 217726
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN081321.D
Acq: 06 Mar 2024 13:01

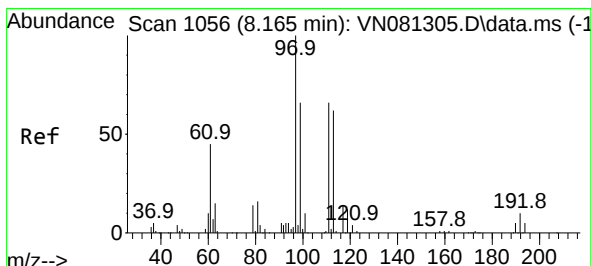
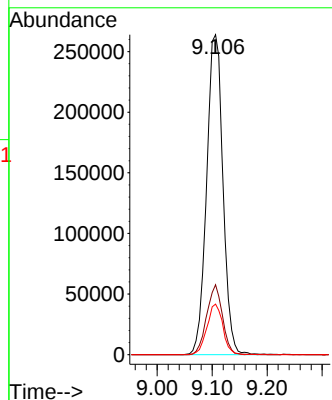
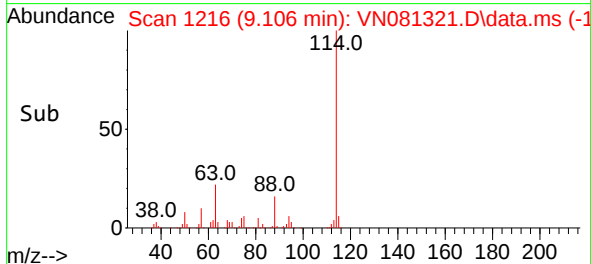
Instrument :
MSVOA_N
ClientSampleId :
PB159453ZHE#02



Tgt Ion:114 Resp: 545158
Ion Ratio Lower Upper
114 100
63 21.8 0.0 48.0
88 15.8 0.0 34.8

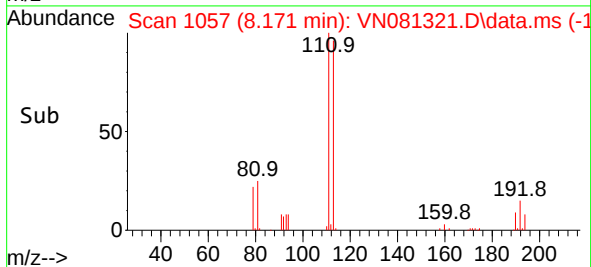
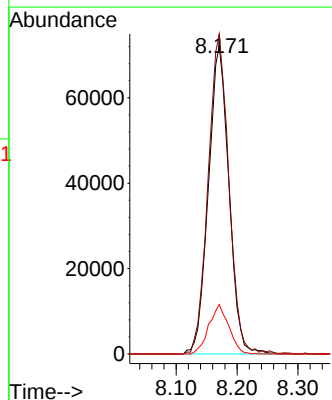
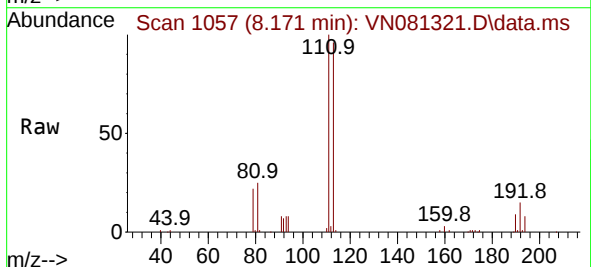
Manual Integrations
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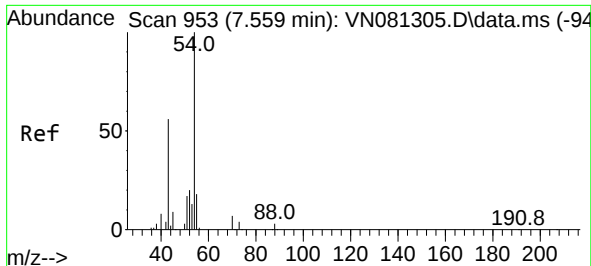
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#35
Dibromofluoromethane
Concen: 50.606 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081321.D
Acq: 06 Mar 2024 13:01

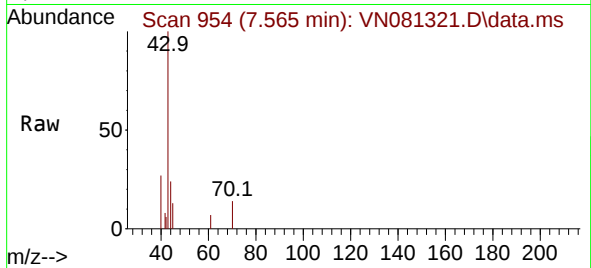
Tgt Ion:113 Resp: 169024
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 15.6 12.5 18.7





#37
Ethyl Acetate
Concen: 1.551 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081321.D
Acq: 06 Mar 2024 13:01

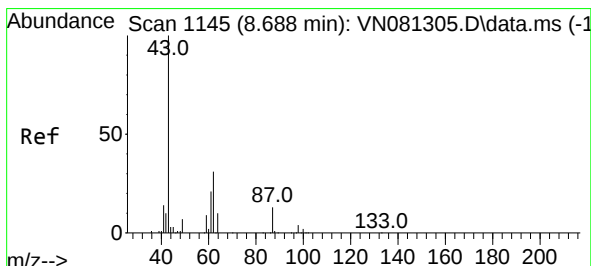
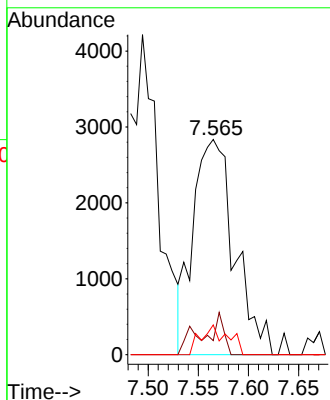
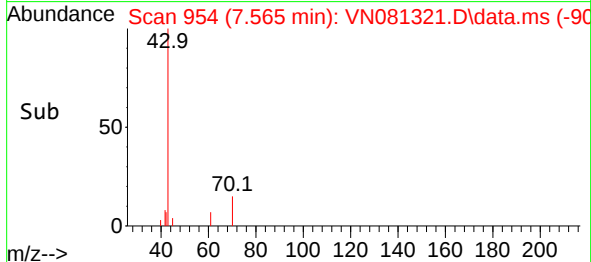
Instrument :
MSVOA_N
ClientSampleId :
PB159453ZHE#02



Tgt Ion: 43 Resp: 8169
Ion Ratio Lower Upper
43 100
61 5.4 10.6 15.8#
70 8.9 8.0 12.0#

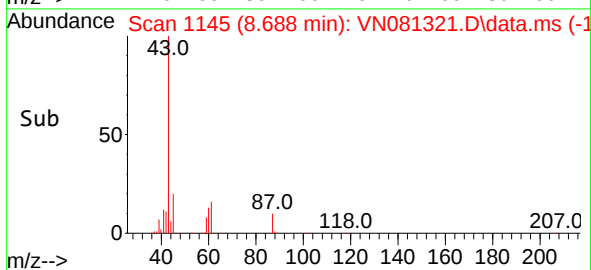
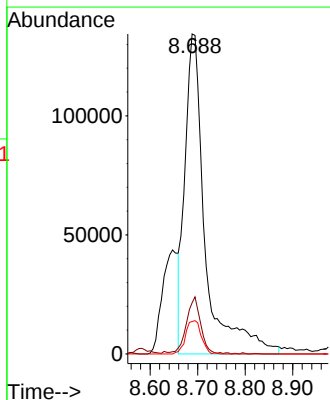
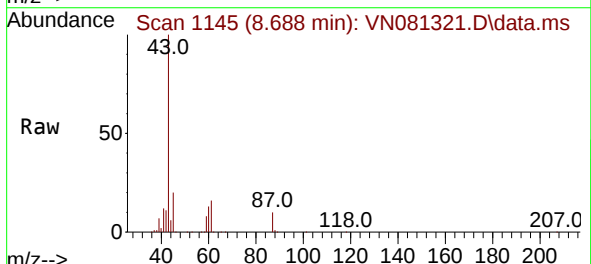
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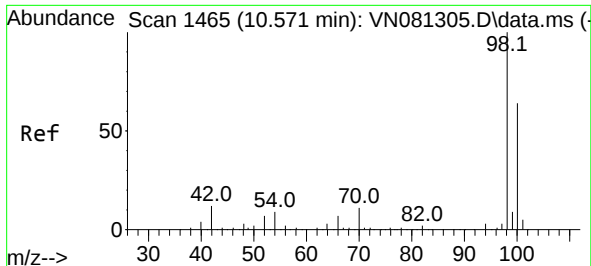
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#43
Isopropyl Acetate
Concen: 43.451 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081321.D
Acq: 06 Mar 2024 13:01

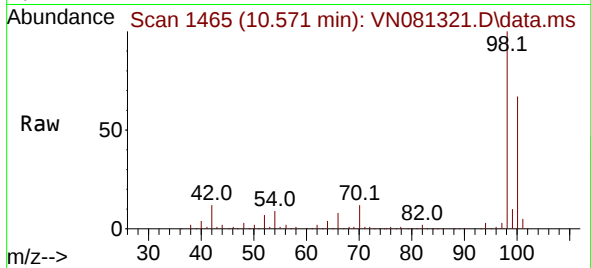
Tgt Ion: 43 Resp: 400593
Ion Ratio Lower Upper
43 100
61 12.2 19.9 29.9#
87 8.0 9.0 13.6#





#50
Toluene-d8
Concen: 52.990 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081321.D
Acq: 06 Mar 2024 13:01

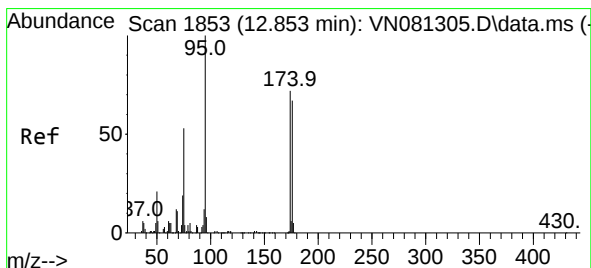
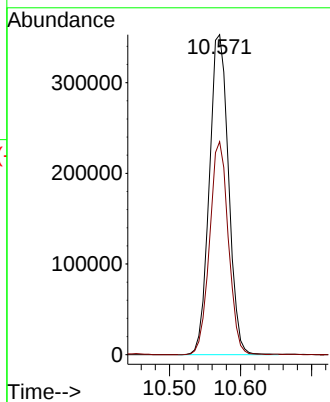
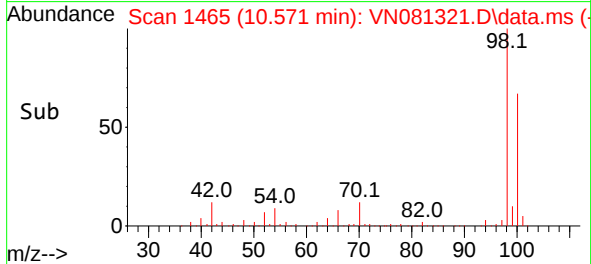
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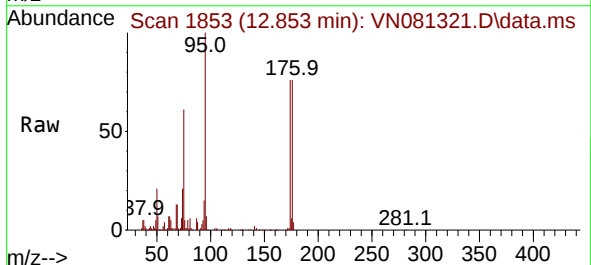
Tgt Ion: 98 Resp: 661624
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

Manual Integrations
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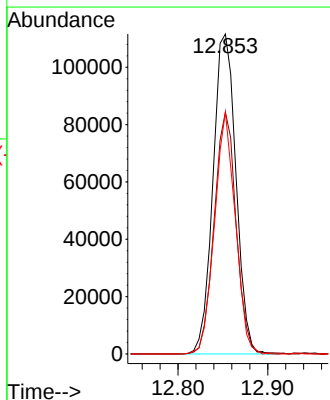
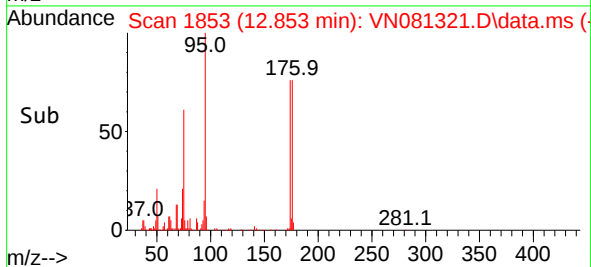
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

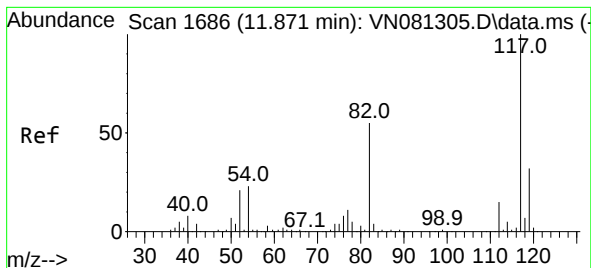


#62
4-Bromofluorobenzene
Concen: 44.885 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081321.D
Acq: 06 Mar 2024 13:01



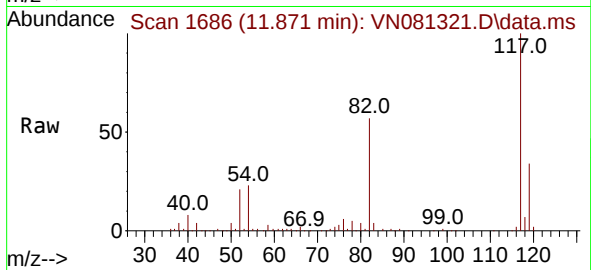
Tgt Ion: 95 Resp: 198073
Ion Ratio Lower Upper
95 100
174 72.3 0.0 120.4
176 68.6 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081321.D
Acq: 06 Mar 2024 13:01

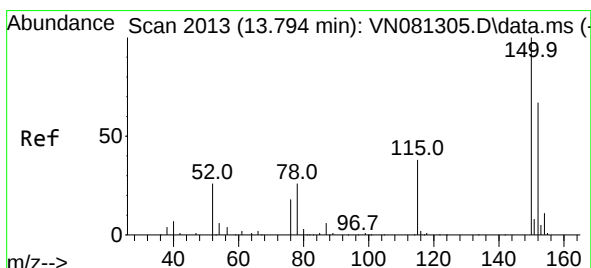
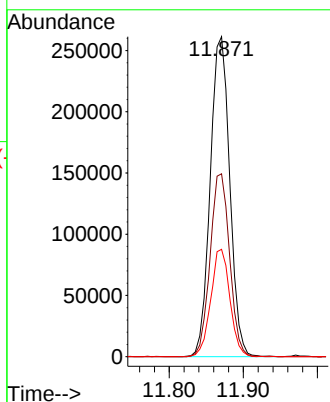
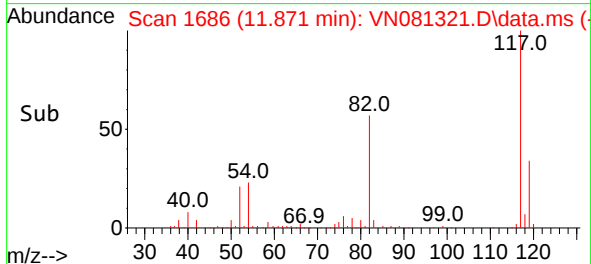
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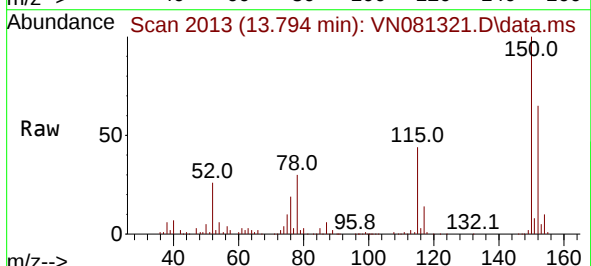
Tgt Ion:117 Resp: 47726
Ion Ratio Lower Upper
117 100
82 57.2 52.7 79.1
119 33.6 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081321.D
Acq: 06 Mar 2024 13:01



Tgt Ion:152 Resp: 174449
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 159.6 0.0 339.8

