

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082111.D
 Acq On : 13 May 2024 21:08
 Operator : JC\MD
 Sample : P2464-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/14/2024
 Supervised By : Mahesh Dadoda 05/14/2024

Quant Time: May 14 03:37:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	23195	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	132044	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	110133	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	65022	33.482	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.600%#
60) 4-Bromofluorobenzene	12.847	95	51022	27.837	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.800%
63) Toluene-d8	10.571	98	161335	30.847	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.833%
Target Compounds						
12) Methyl Acetate	5.024	43	66001m	37.234	ug/l	Qvalue
15) Acetone	4.424	58	132207	729.277	ug/l	80
25) Chloroform	7.959	83	4523m	1.615	ug/l	
43) Ethyl Acetate	7.559	43	252774	114.410	ug/l	98
44) Isopropyl Acetate	8.688	43	35420	9.030	ug/l	# 76

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

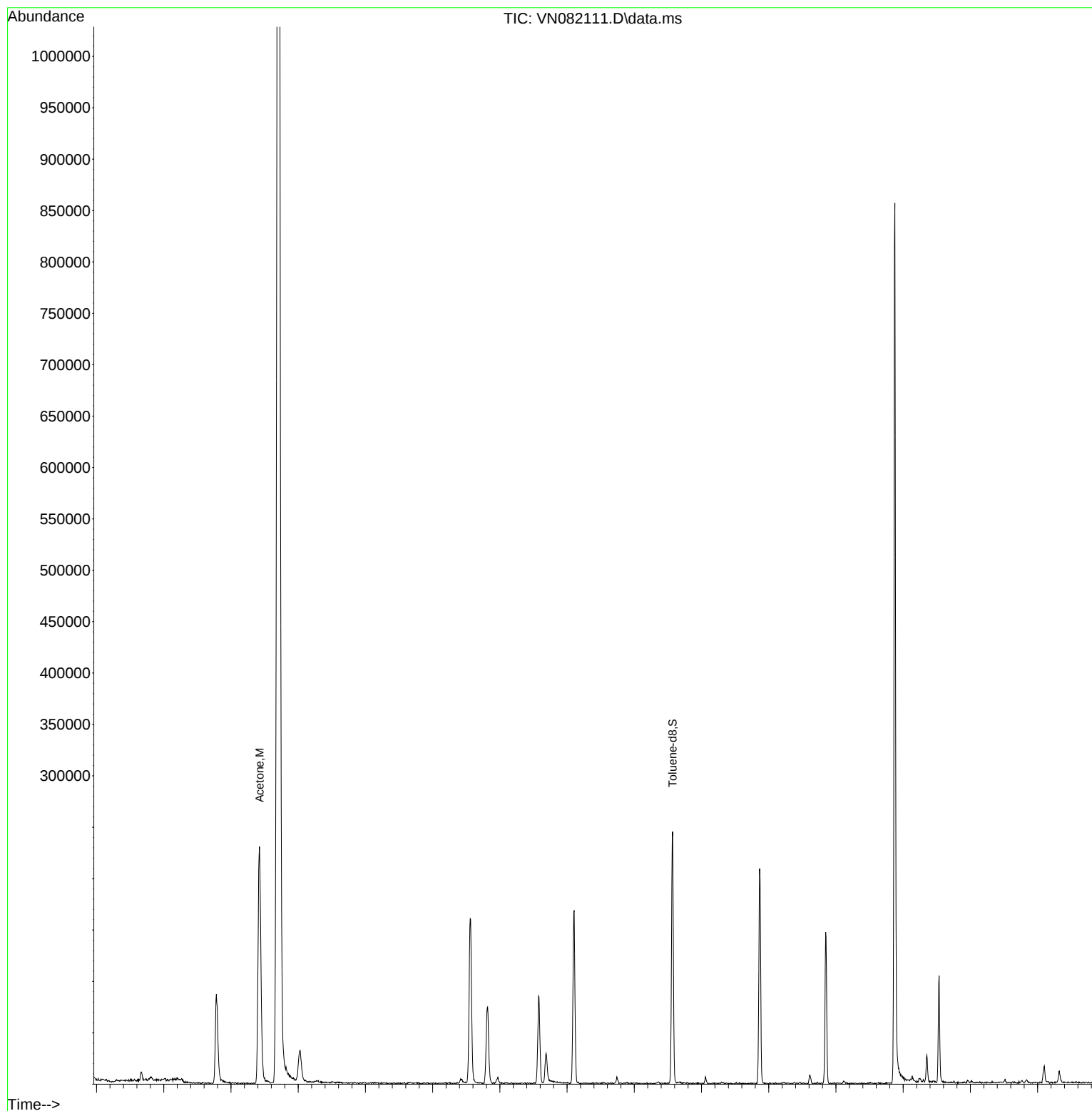
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
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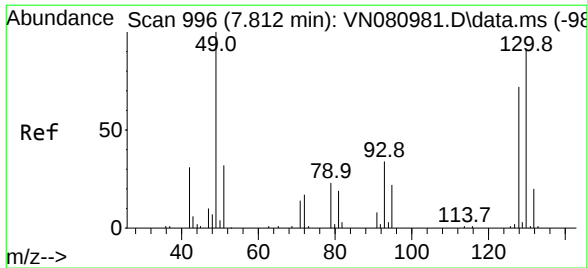
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Time: May 14 03:37:38 2024
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Response via : Initial Calibration

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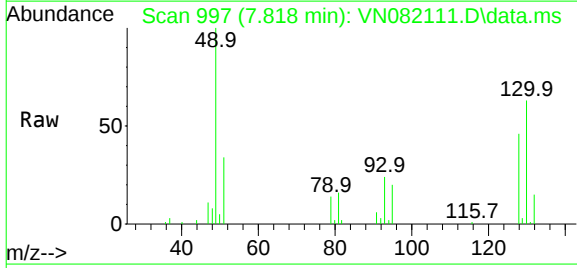
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082111.D
Acq: 13 May 2024 21:08

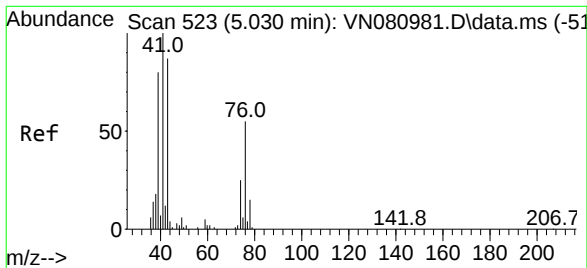
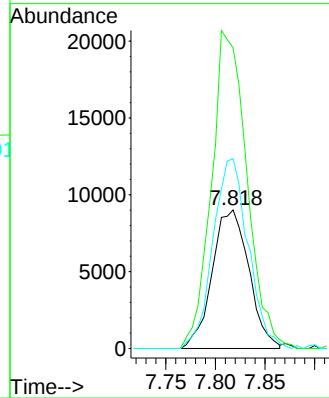
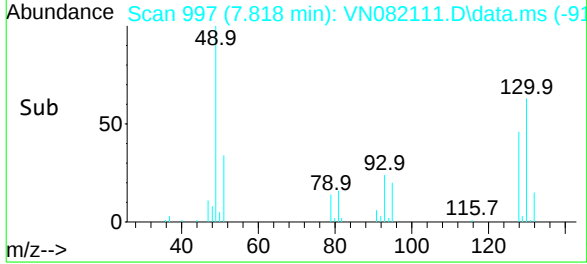
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



Tgt Ion:128 Resp: 23195
Ion Ratio Lower Upper
128 100
49 221.2 0.0 403.7
130 131.2 0.0 323.3

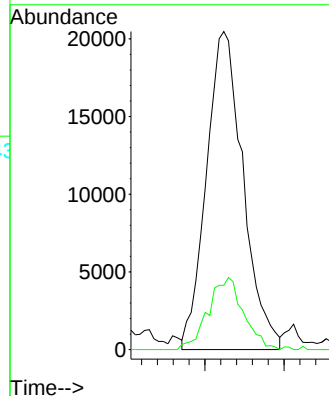
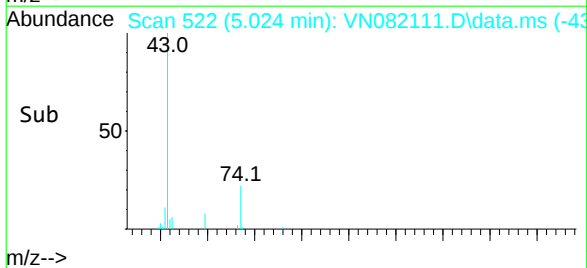
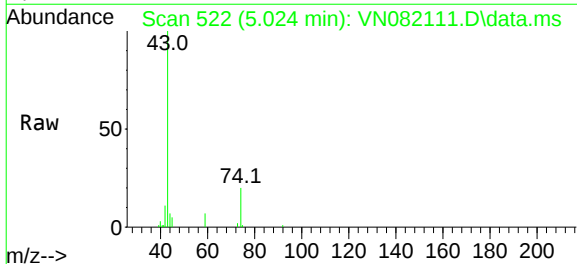
Manual Integrations
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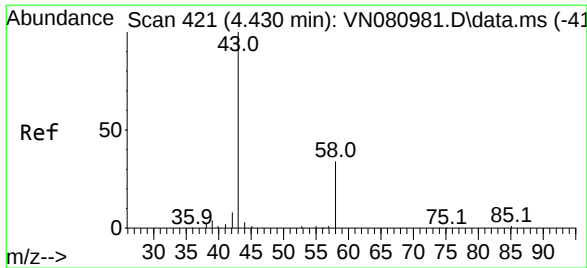
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#12
Methyl Acetate
Concen: 37.234 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082111.D
Acq: 13 May 2024 21:08

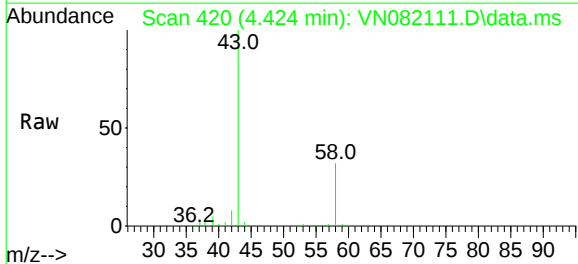
Tgt Ion: 43 Resp: 66001
Ion Ratio Lower Upper
43 100
74 20.2 27.7 41.5#





#15
Acetone
Concen: 729.277 ug/l
RT: 4.424 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082111.D
Acq: 13 May 2024 21:08

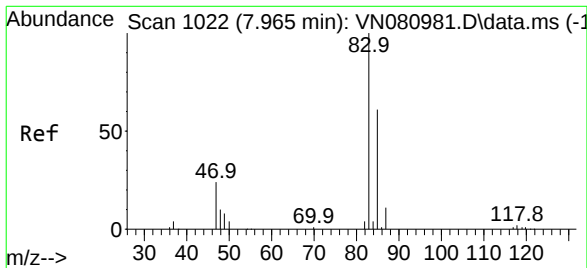
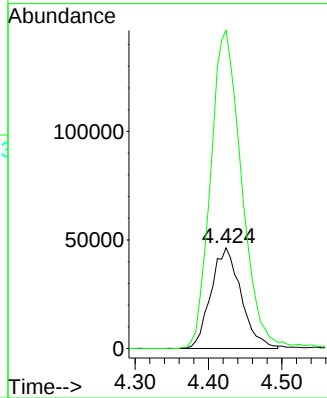
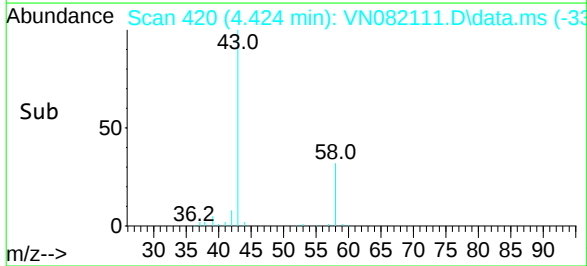
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



Tgt Ion: 58 Resp: 132207
Ion Ratio Lower Upper
58 100
43 315.9 223.1 334.7

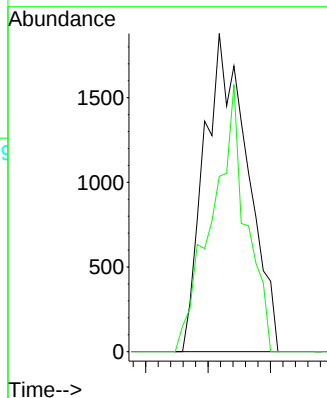
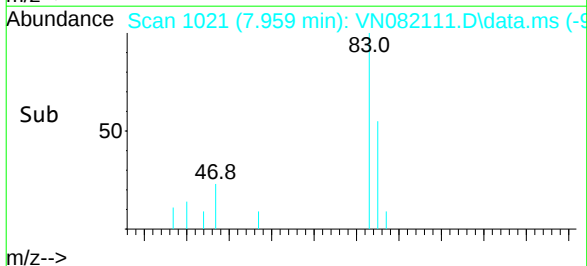
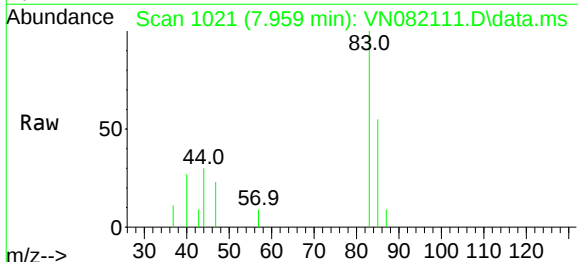
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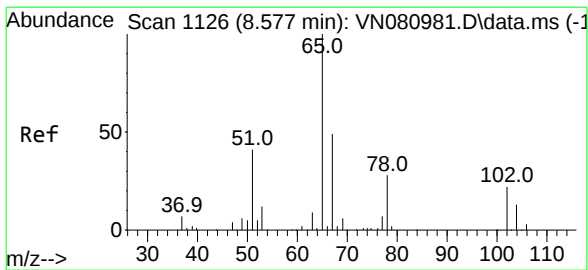
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#25
Chloroform
Concen: 1.615 ug/l m
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN082111.D
Acq: 13 May 2024 21:08

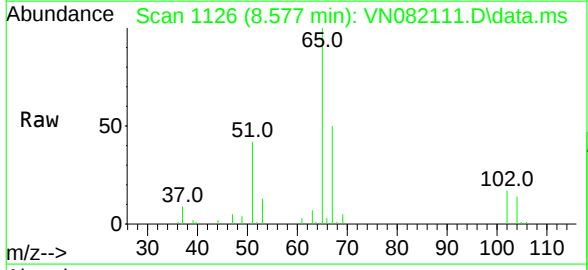
Tgt Ion: 83 Resp: 4523
Ion Ratio Lower Upper
83 100
85 55.1 50.9 76.3





#27
 1,2-Dichloroethane-d4
 Concen: 33.482 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN082111.D
 Acq: 13 May 2024 21:08

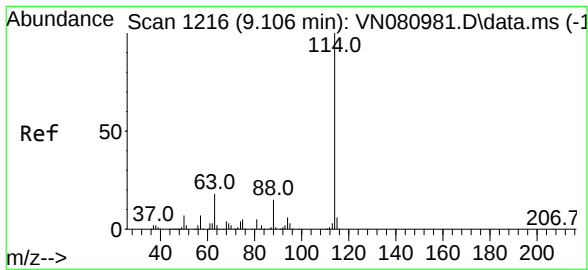
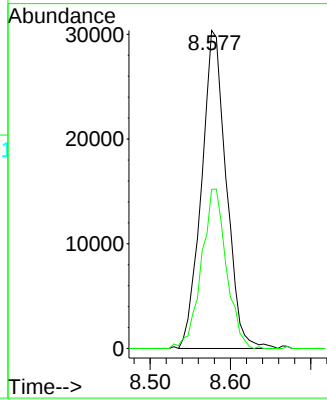
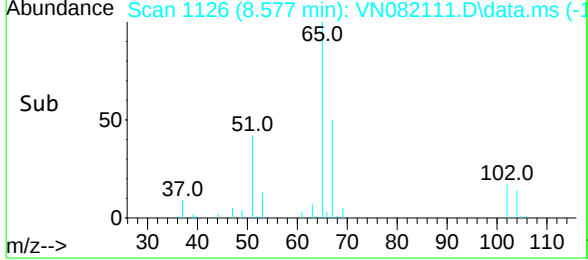
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW



Tgt Ion:	65	Resp:	65022
Ion	Ratio	Lower	Upper
65	100		
67	50.4	43.2	64.8

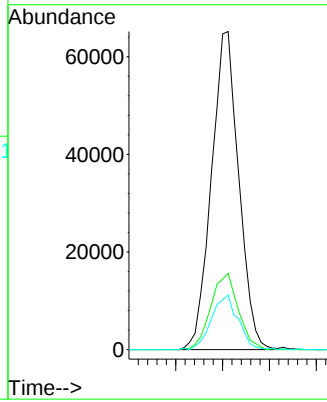
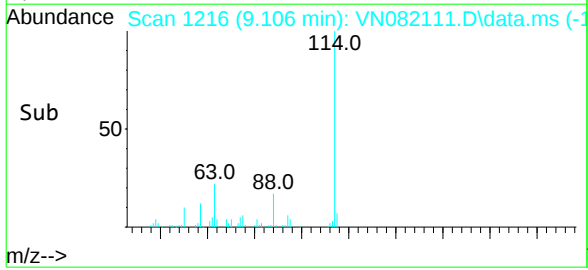
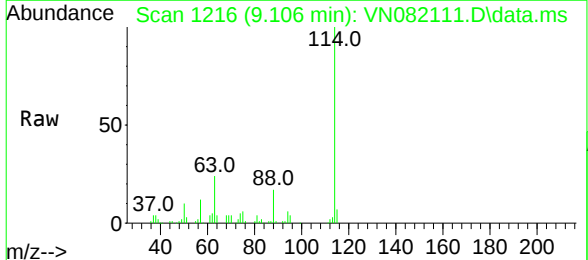
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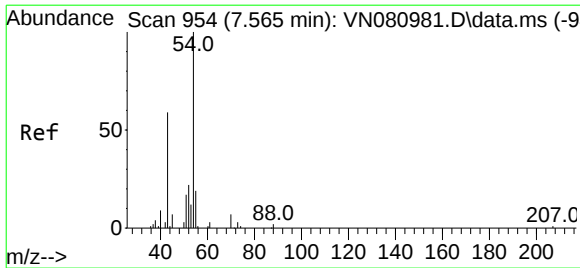
Reviewed By :John Carlone 05/14/2024
 Supervised By :Mahesh Dadoda 05/14/2024



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN082111.D
 Acq: 13 May 2024 21:08

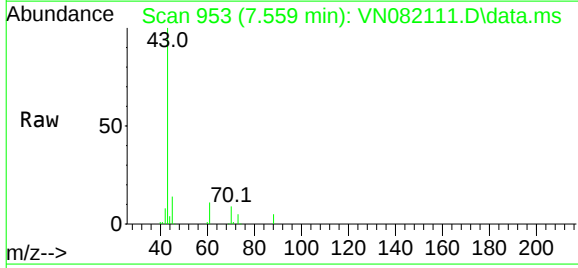
Tgt Ion:	114	Resp:	132044
Ion	Ratio	Lower	Upper
114	100		
63	24.1	15.9	23.9
88	16.5	12.7	19.1





#43
Ethyl Acetate
Concen: 114.410 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN082111.D
Acq: 13 May 2024 21:08

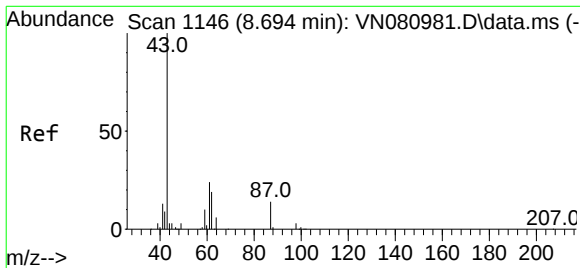
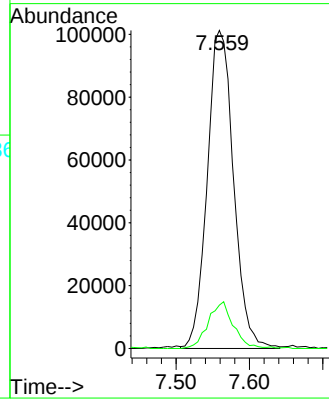
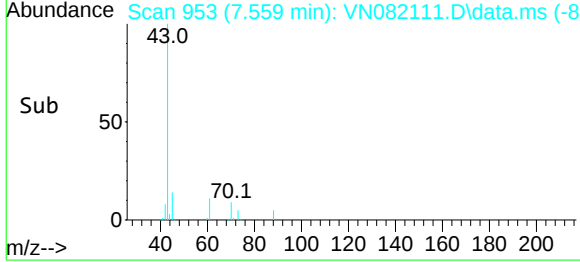
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



Tgt Ion: 43 Resp: 252774
Ion Ratio Lower Upper
43 100
45 13.9 10.6 15.8

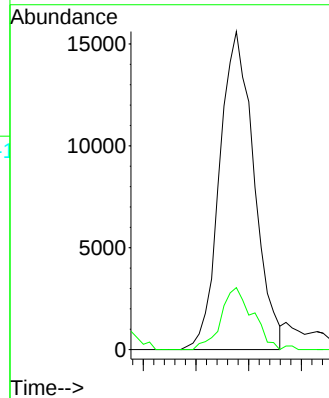
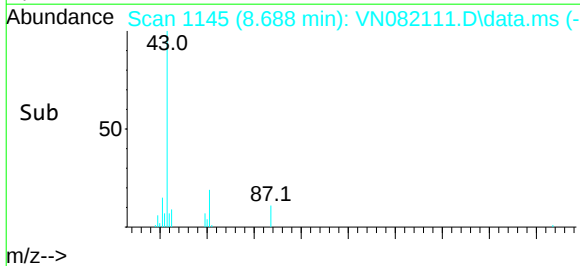
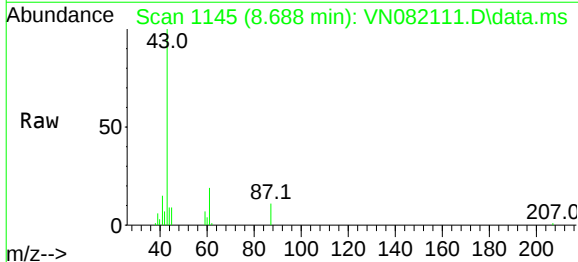
Manual Integrations
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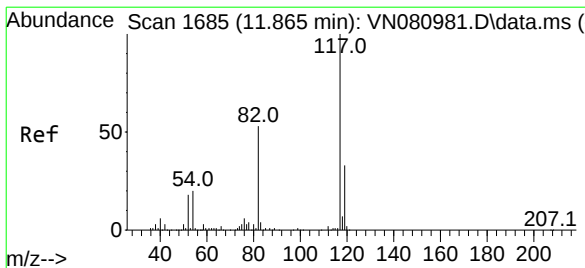
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#44
Isopropyl Acetate
Concen: 9.030 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082111.D
Acq: 13 May 2024 21:08

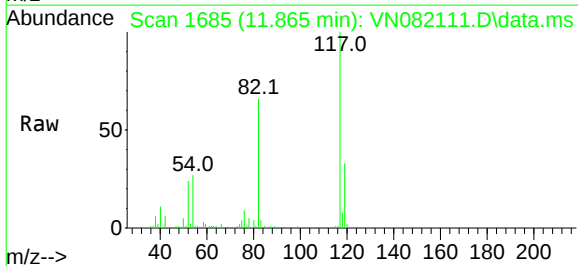
Tgt Ion: 43 Resp: 35420
Ion Ratio Lower Upper
43 100
61 18.0 25.0 37.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082111.D
Acq: 13 May 2024 21:08

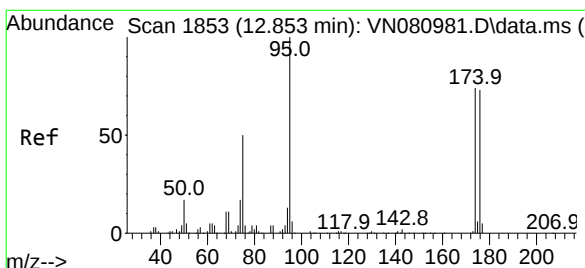
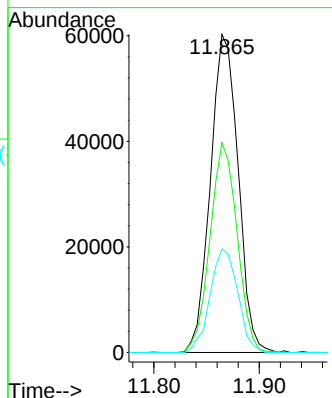
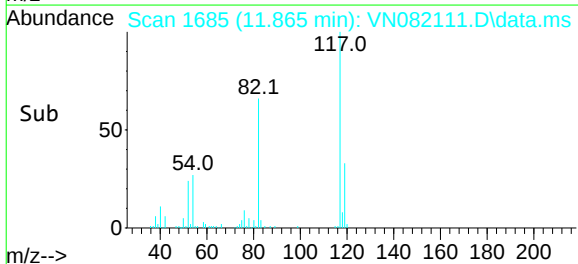
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



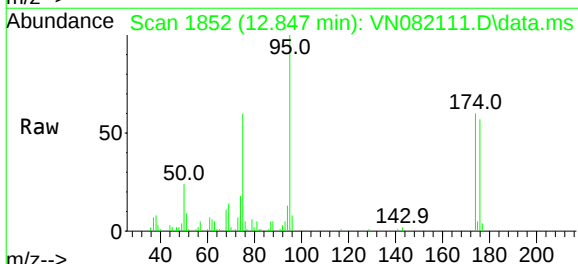
Tgt Ion: 117 Resp: 110133
Ion Ratio Lower Upper
117 100
82 64.6 46.6 69.8
119 32.5 25.4 38.2

Manual Integrations
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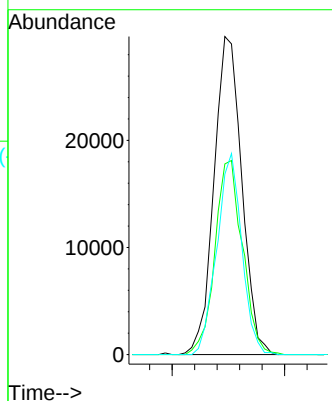
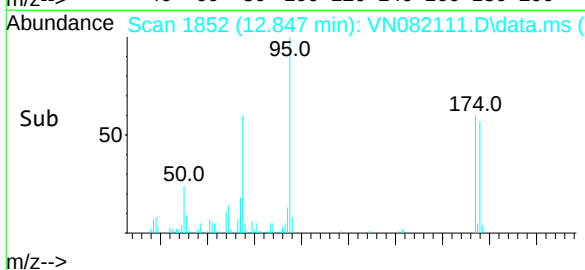
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

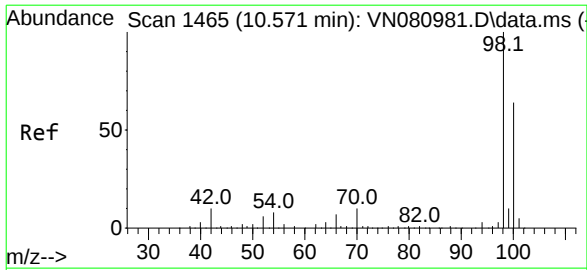


#60
4-Bromofluorobenzene
Concen: 27.837 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082111.D
Acq: 13 May 2024 21:08



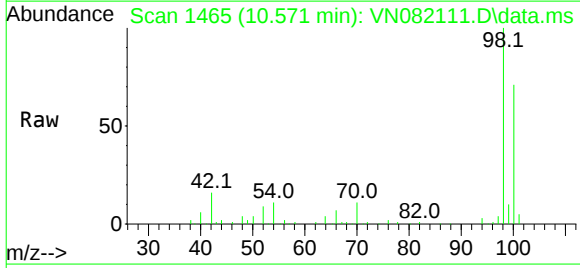
Tgt Ion: 95 Resp: 51022
Ion Ratio Lower Upper
95 100
174 60.5 60.5 90.7
176 56.7 57.8 86.6#





#63
Toluene-d8
Concen: 30.847 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN082111.D
Acq: 13 May 2024 21:08

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



Tgt Ion: 98 Resp: 161335
Ion Ratio Lower Upper
98 100
100 67.0 52.7 79.1

Manual Integrations
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