

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082108.D
 Acq On : 13 May 2024 19:57
 Operator : JC\MD
 Sample : P2463-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240430011-01

Manual Integrations
 APPROVED

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

Quant Time: May 14 03:36:44 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	7.812	128	23578	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	134873	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	115131	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	64477	32.662	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.867%			
60) 4-Bromofluorobenzene	12.847	95	49721	25.950	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 86.500%			
63) Toluene-d8	10.565	98	165707	30.307	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.033%			
Target Compounds						
15) Acetone	4.436	58	1842m	9.996	ug/l	Qvalue
25) Chloroform	7.971	83	105360	37.000	ug/l	99
41) Bromodichloromethane	9.889	83	19731	8.743	ug/l	92
53) Dibromochloromethane	11.365	129	4343	2.786	ug/l	91

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

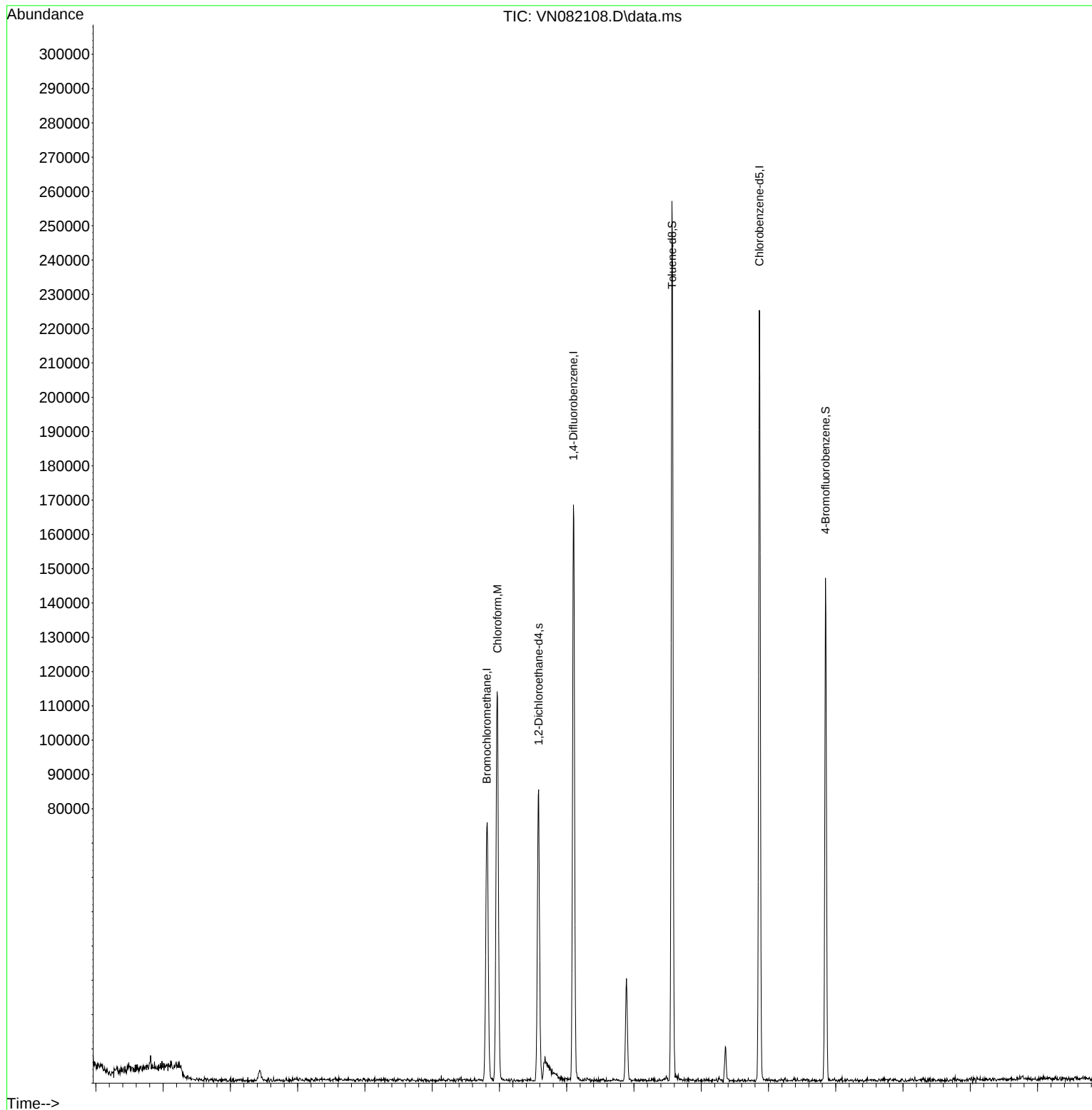
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
Data File : VN082108.D
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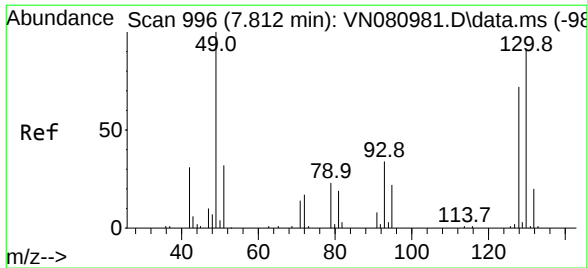
Instrument :
MSVOA_N
ClientSampleId :
240430011-01

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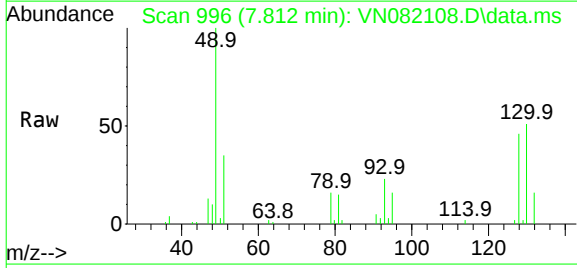
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN082108.D
Acq: 13 May 2024 19:57

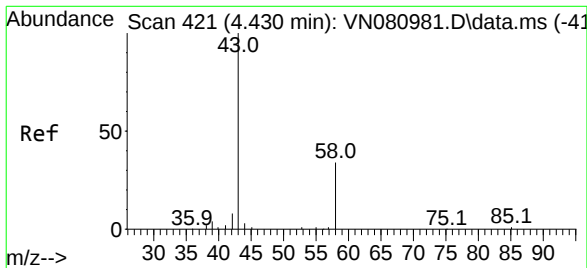
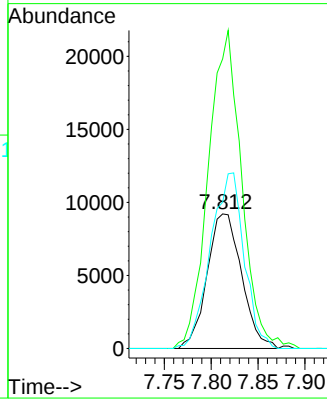
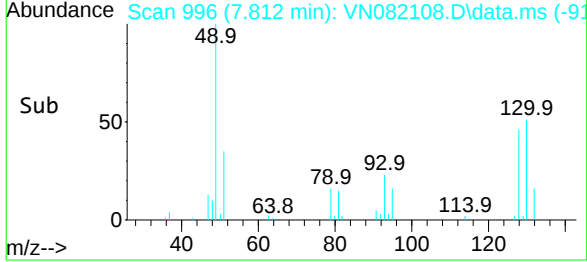
Instrument :
MSVOA_N
ClientSampleId :
240430011-01



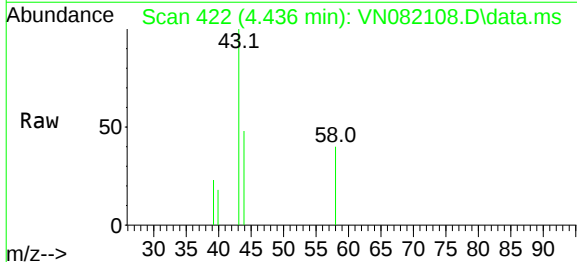
Tgt Ion:128 Resp: 23578
Ion Ratio Lower Upper
128 100
49 227.3 0.0 403.7
130 127.1 0.0 323.3

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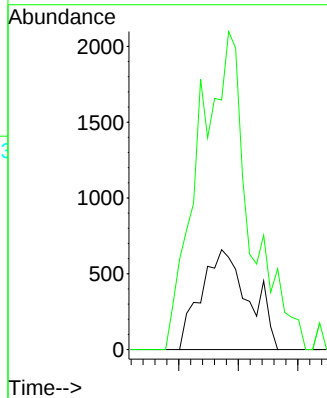
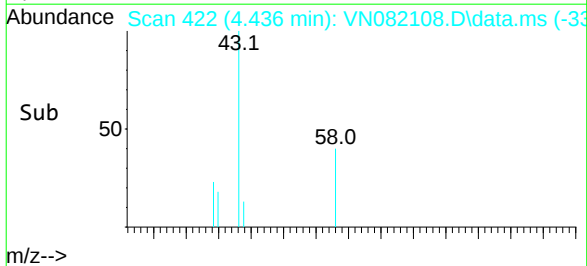
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

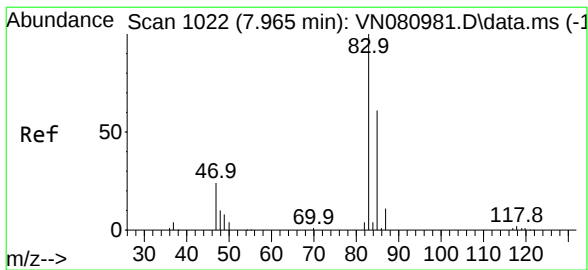


#15
Acetone
Concen: 9.996 ug/l m
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082108.D
Acq: 13 May 2024 19:57



Tgt Ion: 58 Resp: 1842
Ion Ratio Lower Upper
58 100
43 249.8 223.1 334.7





#25

Chloroform

Concen: 37.000 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082108.D

Acq: 13 May 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

240430011-01

Tgt Ion: 83 Resp: 105360

Ion Ratio Lower Upper

83 100

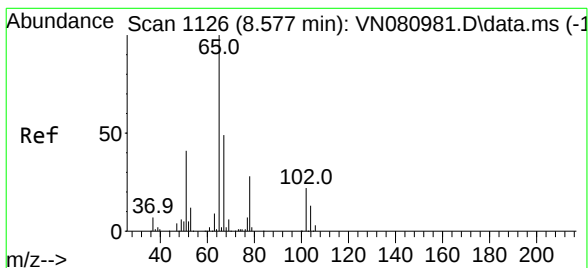
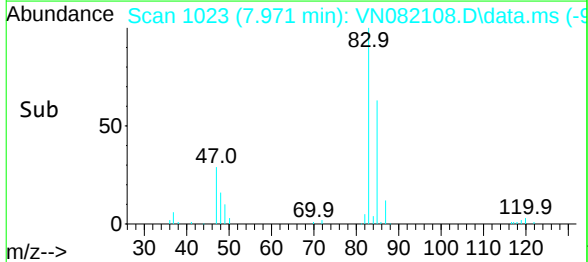
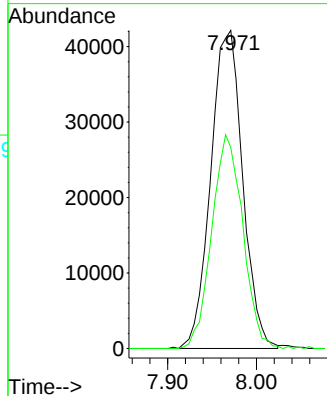
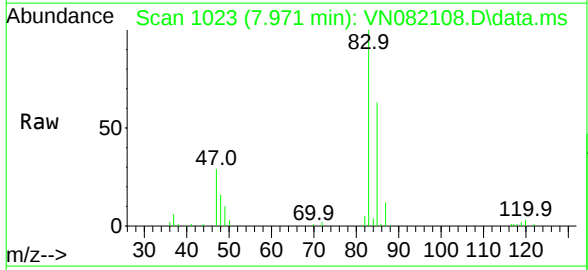
85 63.2 50.9 76.3

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#27

1,2-Dichloroethane-d4

Concen: 32.662 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082108.D

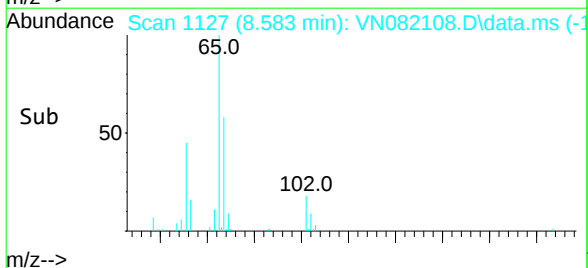
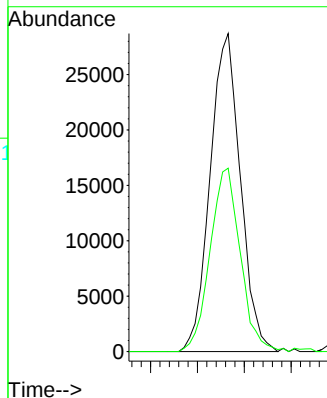
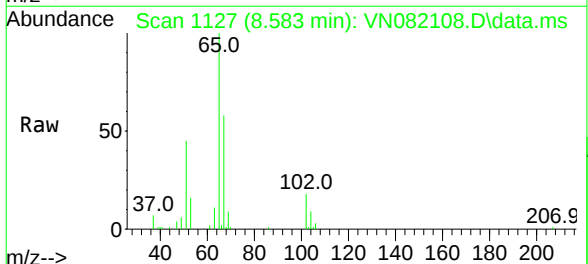
Acq: 13 May 2024 19:57

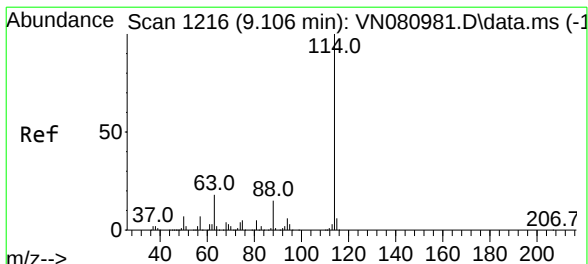
Tgt Ion: 65 Resp: 64477

Ion Ratio Lower Upper

65 100

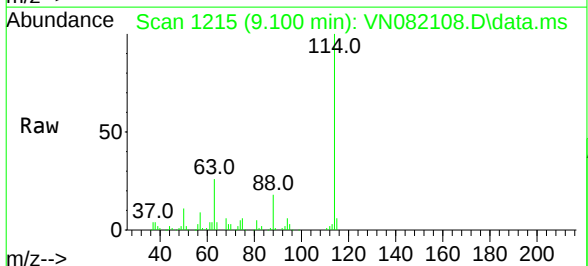
67 57.5 43.2 64.8





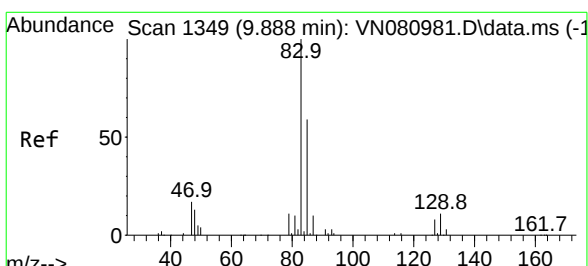
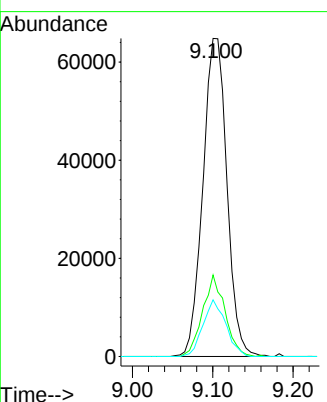
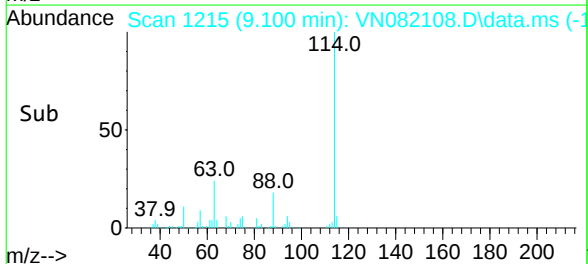
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082108.D
 Acq: 13 May 2024 19:57

Instrument : MSVOA_N
 ClientSampleId : 240430011-01

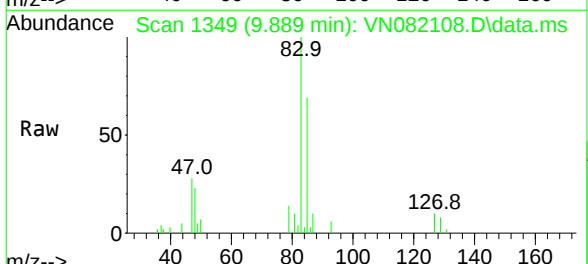


Tgt Ion:	114	Resp:	134873
Ion	Ratio	Lower	Upper
114	100		
63	23.8	15.9	23.9
88	16.9	12.7	19.1

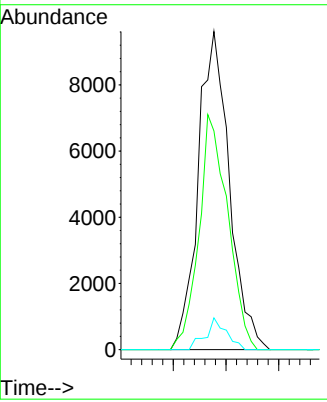
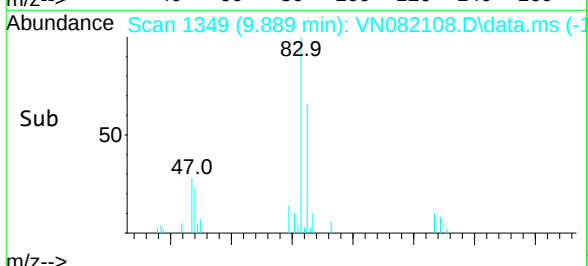
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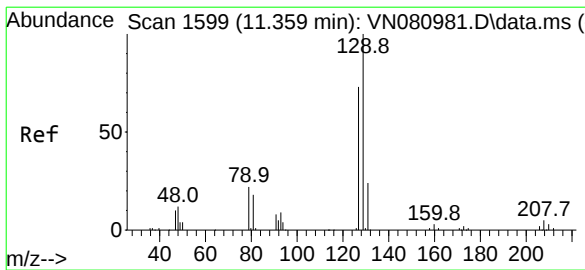


#41
 Bromodichloromethane
 Concen: 8.743 ug/l
 RT: 9.889 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: VN082108.D
 Acq: 13 May 2024 19:57



Tgt Ion:	83	Resp:	19731
Ion	Ratio	Lower	Upper
83	100		
85	68.7	49.4	74.2
127	10.0	7.3	10.9





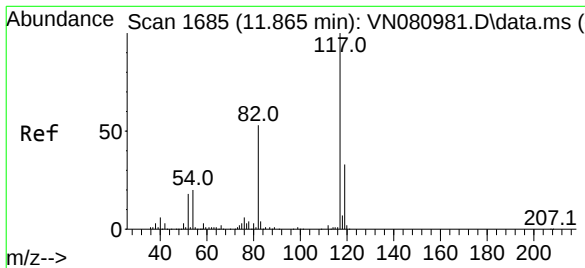
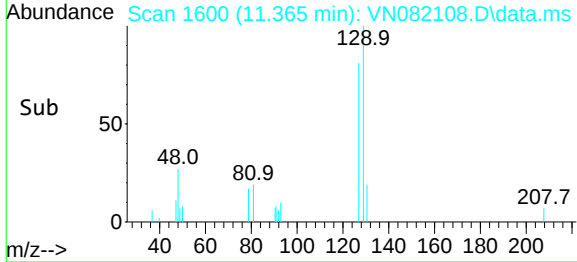
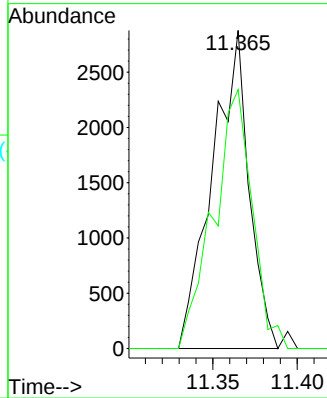
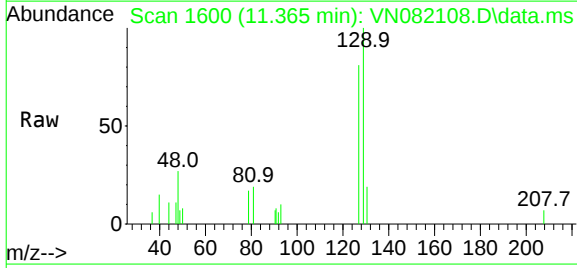
#53
Dibromochloromethane
Concen: 2.786 ug/l
RT: 11.365 min Scan# 1610
Delta R.T. 0.006 min
Lab File: VN082108.D
Acq: 13 May 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
240430011-01

Tgt Ion:129 Resp: 4343
Ion Ratio Lower Upper
129 100
127 86.3 39.4 118.1

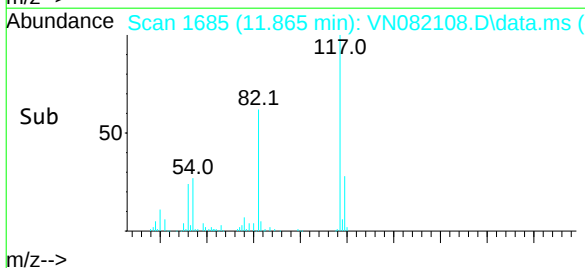
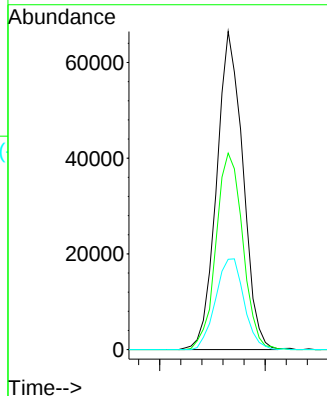
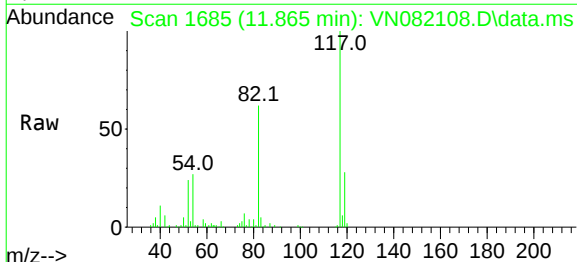
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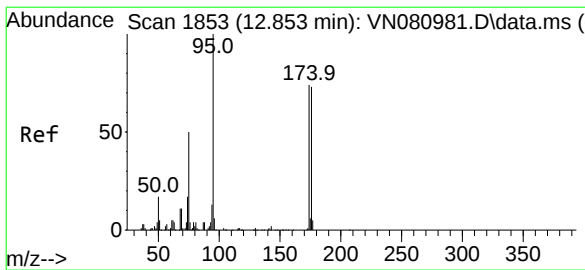
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082108.D
Acq: 13 May 2024 19:57

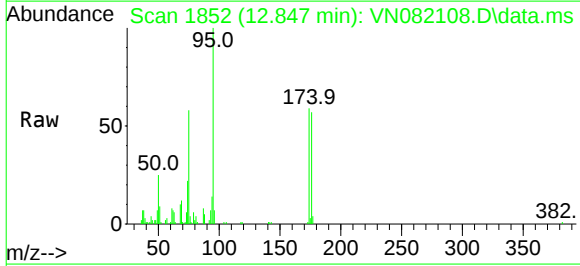
Tgt Ion:117 Resp: 115131
Ion Ratio Lower Upper
117 100
82 62.9 46.6 69.8
119 30.8 25.4 38.2





#60
4-Bromofluorobenzene
Concen: 25.950 ug/l
RT: 12.847 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN082108.D
Acq: 13 May 2024 19:57

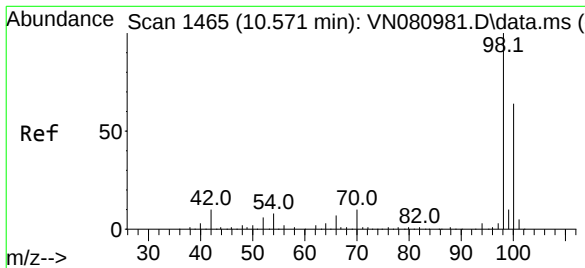
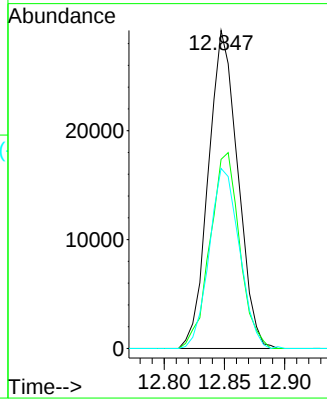
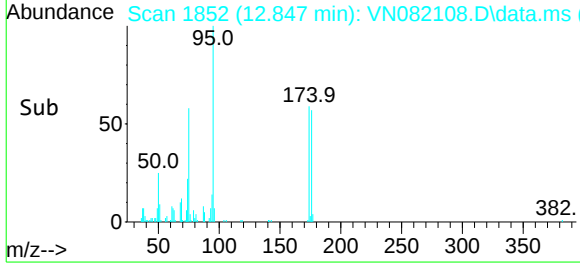
Instrument :
MSVOA_N
ClientSampleId :
240430011-01



Tgt Ion: 95 Resp: 49721
Ion Ratio Lower Upper
95 100
174 61.7 60.5 90.7
176 57.7 57.8 86.6#

Manual Integrations
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#63
Toluene-d8
Concen: 30.307 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082108.D
Acq: 13 May 2024 19:57

Tgt Ion: 98 Resp: 165707
Ion Ratio Lower Upper
98 100
100 67.0 52.7 79.1

