

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082096.D
 Acq On : 13 May 2024 15:10
 Operator : JC\MD
 Sample : P2442-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240508039-01

Manual Integrations
 APPROVED

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

Quant Time: May 14 03:33:04 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	23713	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	136977	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	113714	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	65627	33.055	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.200%#			
60) 4-Bromofluorobenzene	12.847	95	53448	28.243	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.133%			
63) Toluene-d8	10.565	98	172362	31.917	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 106.400%			
Target Compounds					Qvalue	
15) Acetone	4.430	58	1599m	8.628	ug/l	
25) Chloroform	7.971	83	4513	1.576	ug/l	87
62) Toluene	10.635	91	23372	3.653	ug/l	98

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

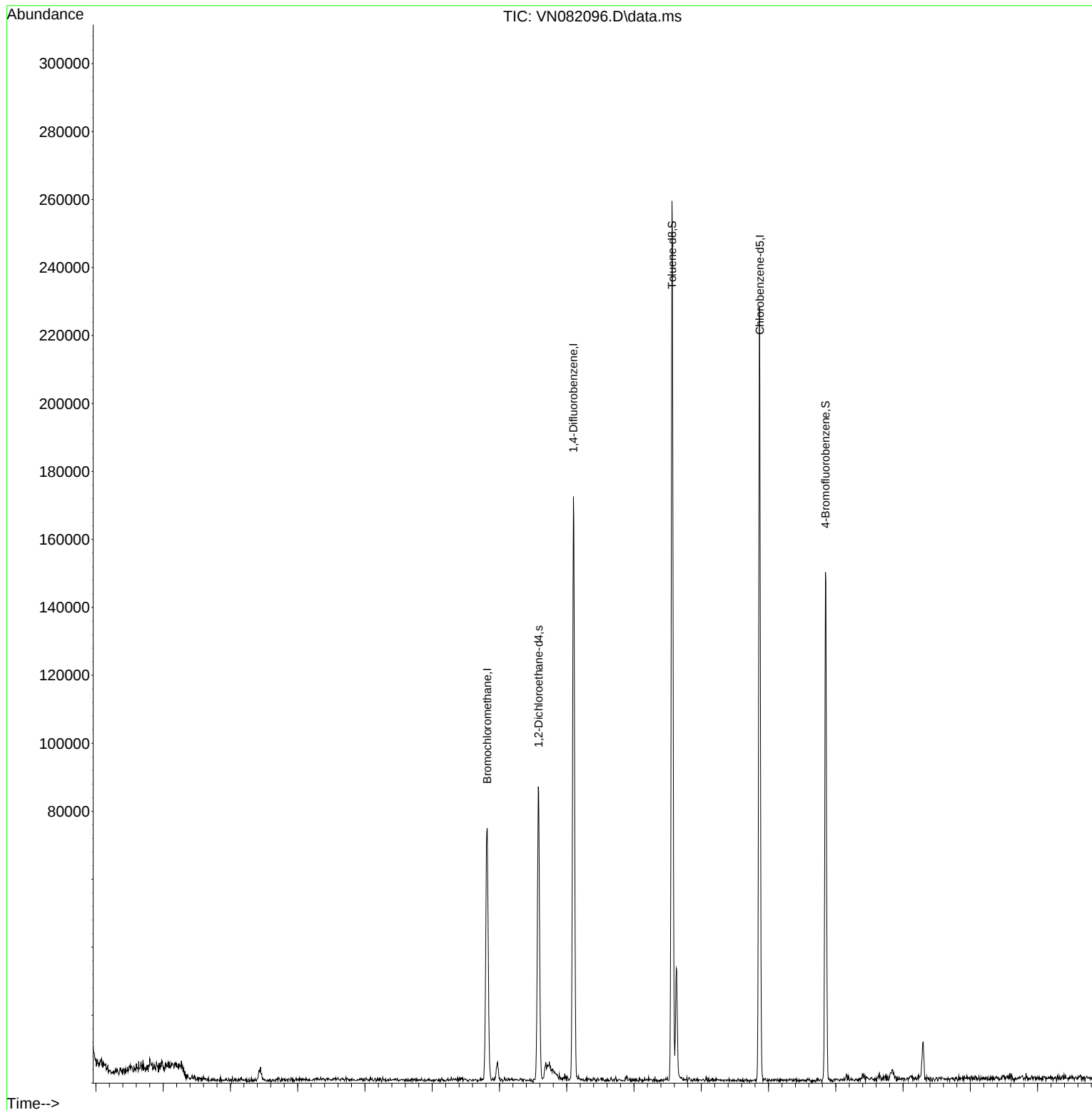
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
Data File : VN082096.D
Acq On : 13 May 2024 15:10
Operator : JC\MD
Sample : P2442-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

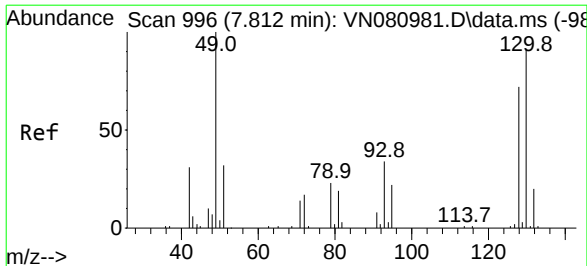
Instrument :
MSVOA_N
ClientSampleId :
240508039-01

Manual Integrations
APPROVED

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

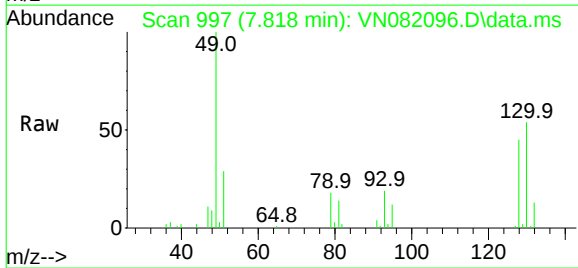
Quant Time: May 14 03:33:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082096.D
Acq: 13 May 2024 15:10

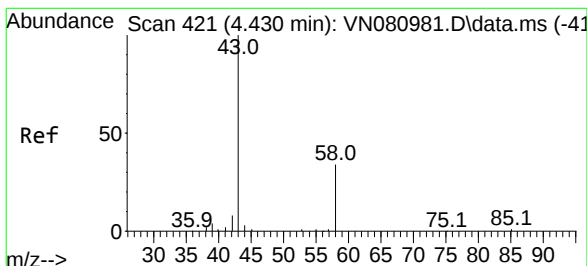
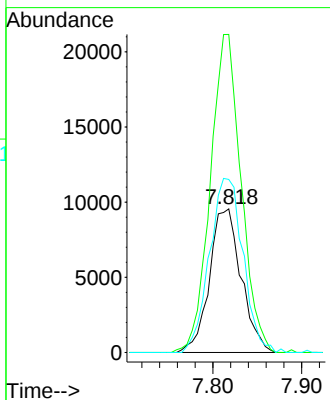
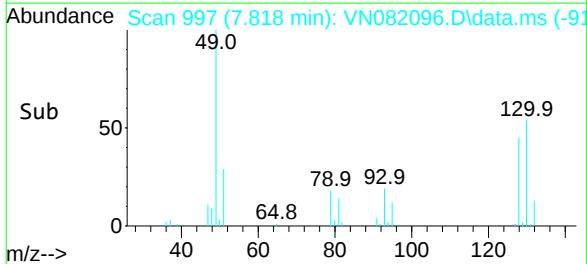
Instrument :
MSVOA_N
ClientSampleId :
240508039-01



Tgt Ion:128 Resp: 23713
Ion Ratio Lower Upper
128 100
49 214.9 0.0 403.7
130 128.1 0.0 323.3

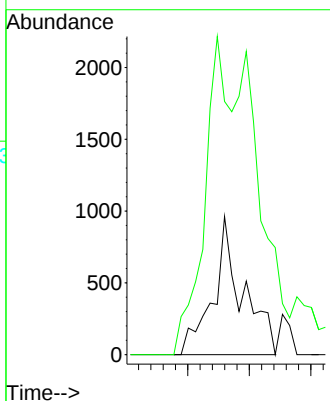
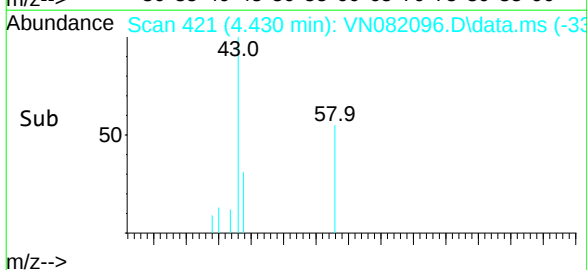
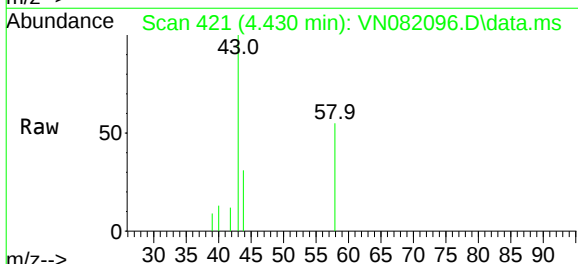
Manual Integrations
APPROVED

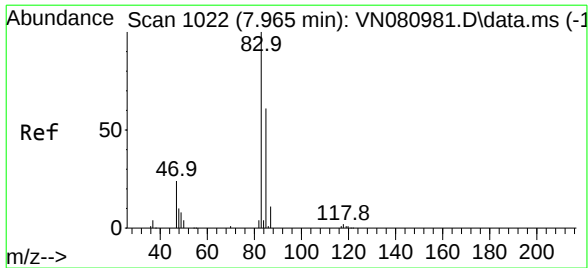
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#15
Acetone
Concen: 8.628 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082096.D
Acq: 13 May 2024 15:10

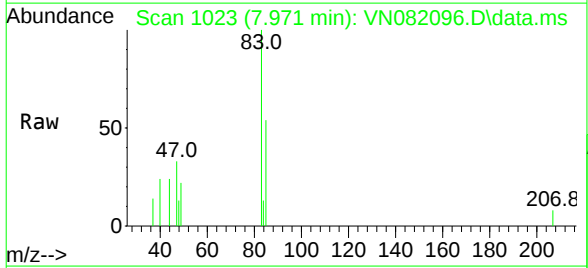
Tgt Ion: 58 Resp: 1599
Ion Ratio Lower Upper
58 100
43 183.2 223.1 334.7#





#25
Chloroform
Concen: 1.576 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082096.D
Acq: 13 May 2024 15:10

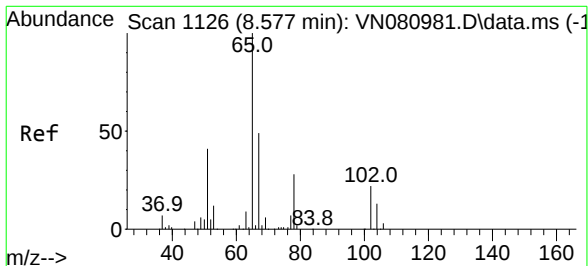
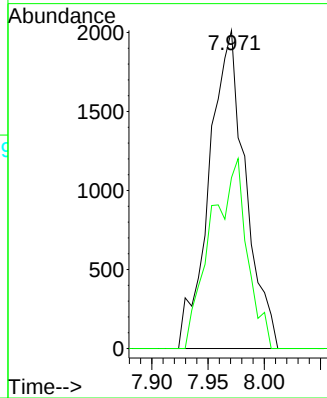
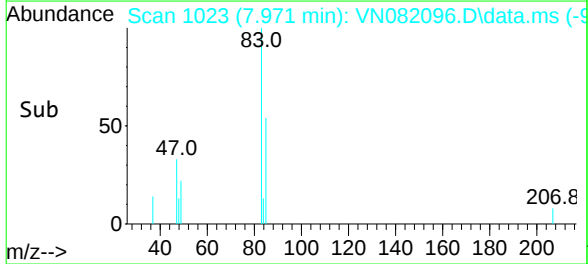
Instrument :
MSVOA_N
ClientSampleId :
240508039-01



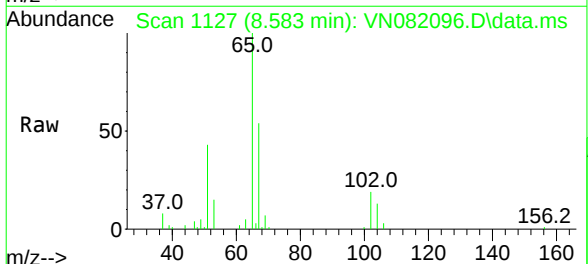
Tgt Ion: 83 Resp: 4513
Ion Ratio Lower Upper
83 100
85 53.7 50.9 76.3

Manual Integrations
APPROVED

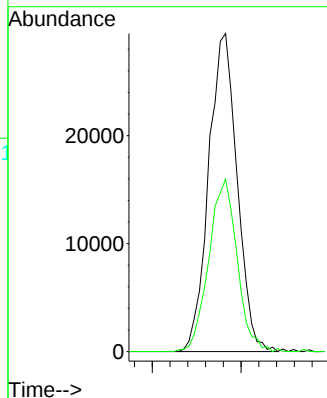
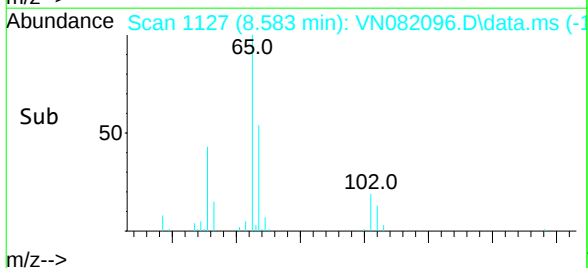
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

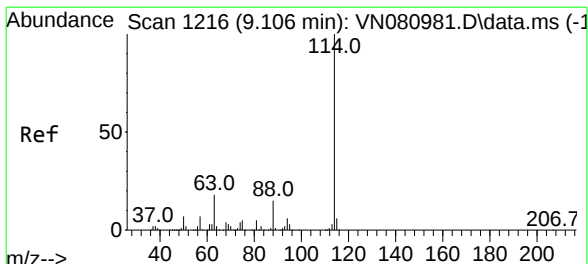


#27
1,2-Dichloroethane-d4
Concen: 33.055 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082096.D
Acq: 13 May 2024 15:10



Tgt Ion: 65 Resp: 65627
Ion Ratio Lower Upper
65 100
67 53.9 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: VN082096.D
Acq: 13 May 2024 15:10

Instrument :

MSVOA_N

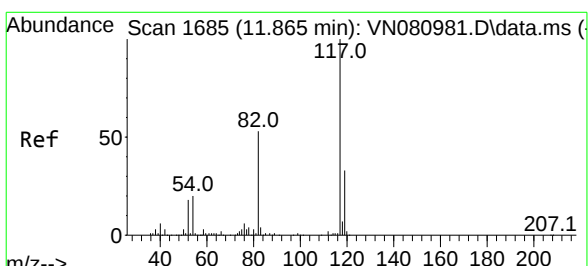
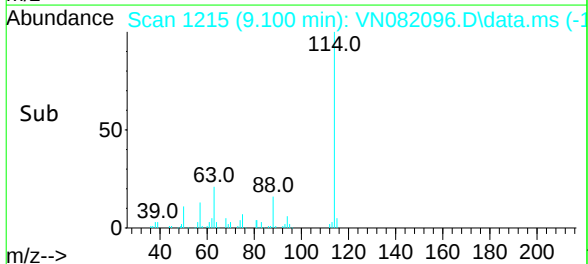
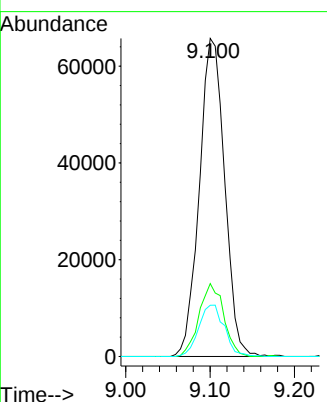
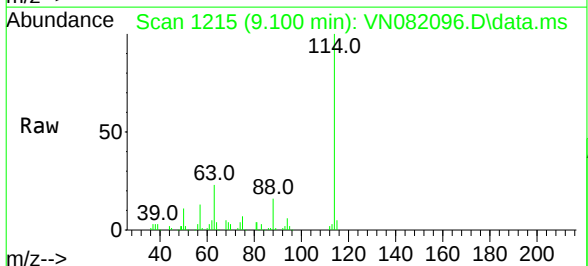
ClientSampleId :

240508039-01

Tgt Ion:	114	Resp:	136977
Ion Ratio	Lower	Upper	
114	100		
63	22.4	15.9	23.9
88	16.4	12.7	19.1

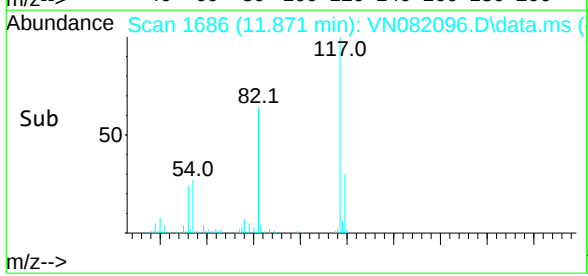
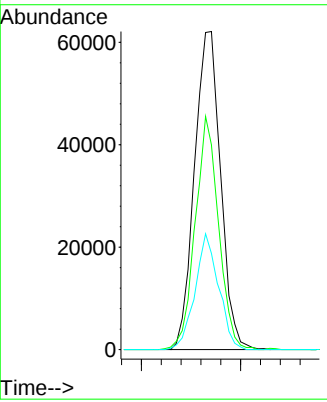
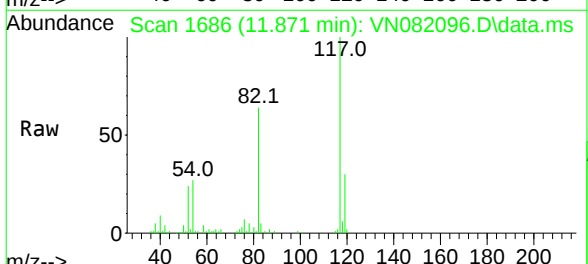
Manual Integrations
APPROVED

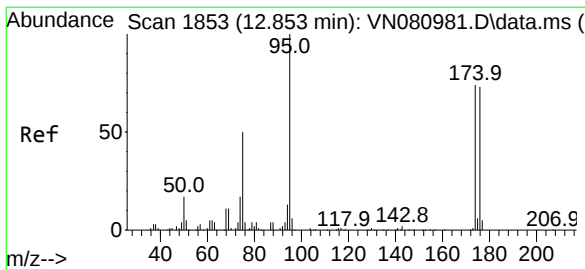
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082096.D
Acq: 13 May 2024 15:10

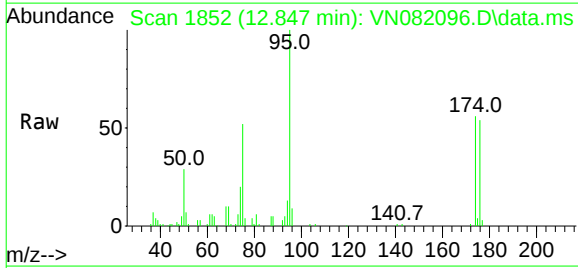
Tgt Ion:	117	Resp:	113714
Ion Ratio	Lower	Upper	
117	100		
82	65.5	46.6	69.8
119	32.8	25.4	38.2





#60
4-Bromofluorobenzene
Concen: 28.243 ug/l
RT: 12.847 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN082096.D
Acq: 13 May 2024 15:10

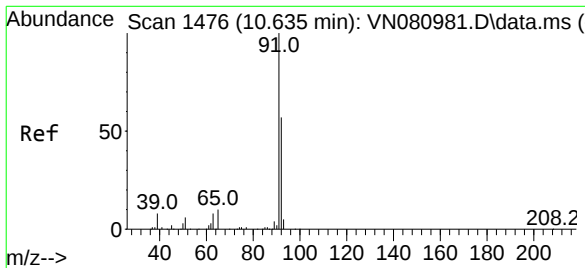
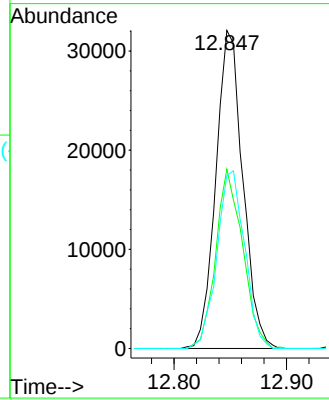
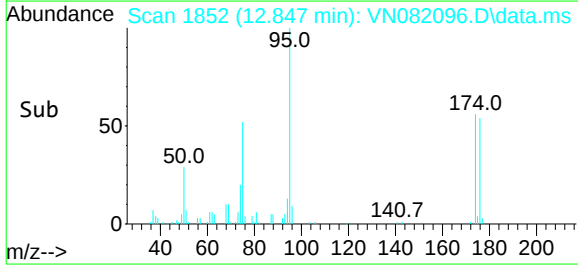
Instrument : MSVOA_N
ClientSampleId : 240508039-01



Tgt Ion: 95 Resp: 53448
Ion Ratio Lower Upper
95 100
174 56.2 60.5 90.7#
176 57.5 57.8 86.6#

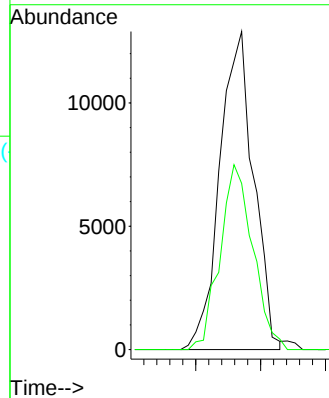
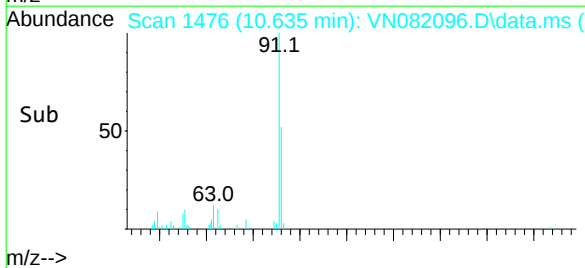
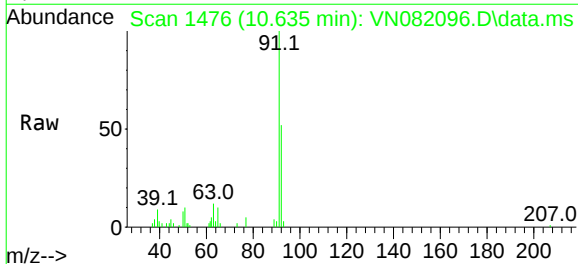
Manual Integrations
APPROVED

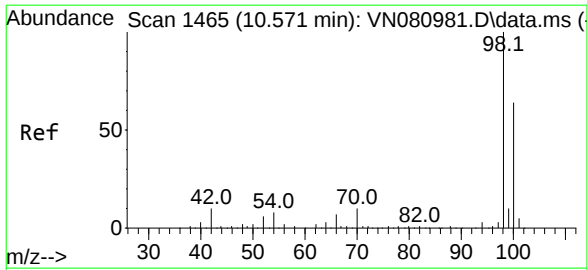
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#62
Toluene
Concen: 3.653 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082096.D
Acq: 13 May 2024 15:10

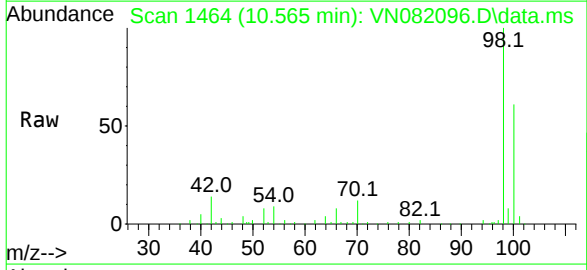
Tgt Ion: 91 Resp: 23372
Ion Ratio Lower Upper
91 100
92 56.5 46.5 69.7





#63
Toluene-d8
Concen: 31.917 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN082096.D
Acq: 13 May 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
240508039-01



Tgt Ion: 98 Resp: 172362
Ion Ratio Lower Upper
98 100
100 63.6 52.7 79.1

Manual Integrations
APPROVED

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

