

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082031.D
 Acq On : 08 May 2024 16:49
 Operator : JC\MD
 Sample : P2426-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240426002-01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

Quant Time: May 09 01:04:11 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	27532	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	162894	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	140249	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	71691	31.101	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.667%
60) 4-Bromofluorobenzene	12.853	95	62763	26.890	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.633%
63) Toluene-d8	10.571	98	204183	30.656	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.200%
Target Compounds						
15) Acetone	4.436	58	3809m	17.701	ug/l	Qvalue
25) Chloroform	7.977	83	5643m	1.697	ug/l	
62) Toluene	10.635	91	3829	0.485	ug/l	99

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

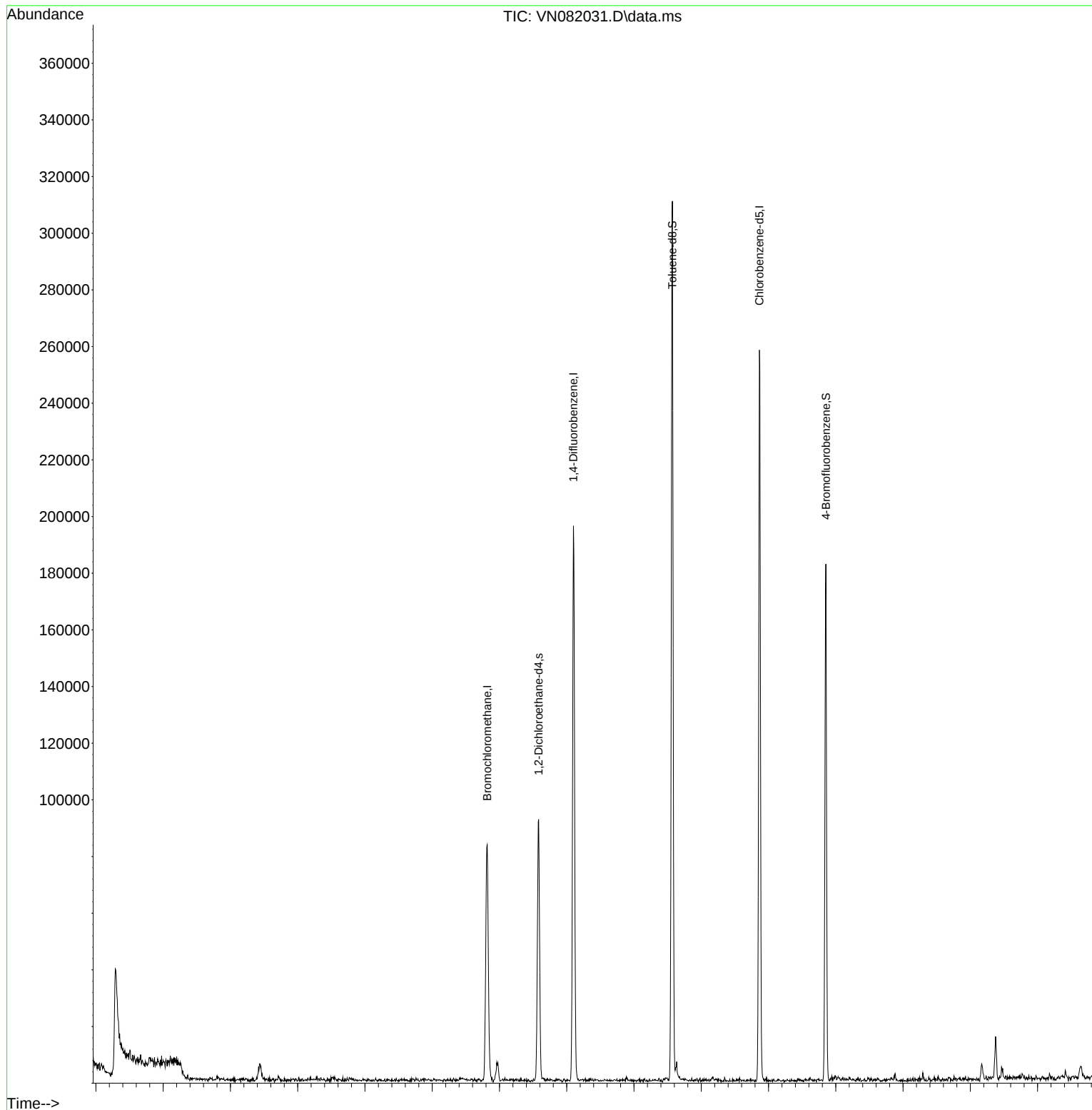
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
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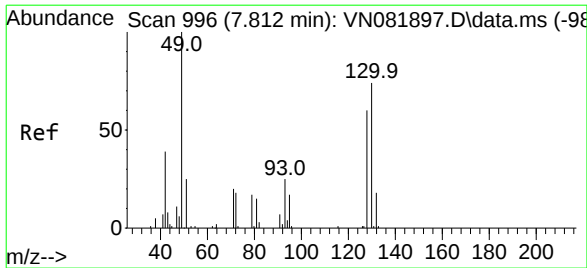
Instrument :
MSVOA_N
ClientSampleId :
240426002-01

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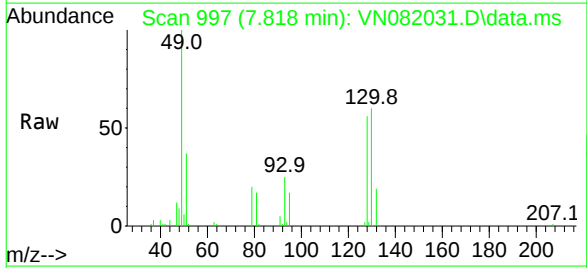
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082031.D
Acq: 08 May 2024 16:49

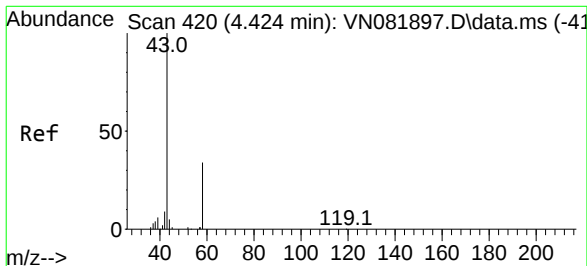
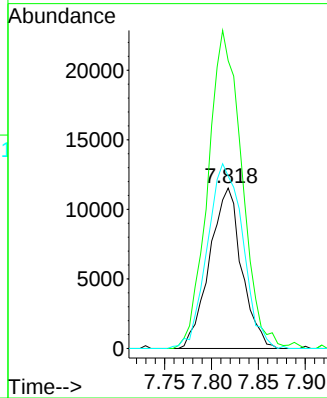
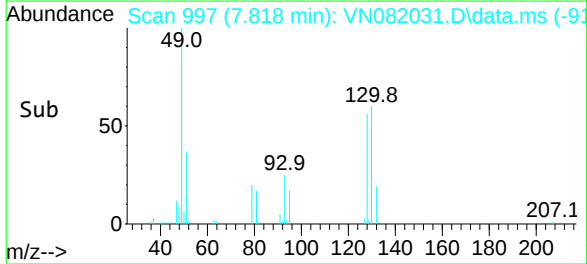
Instrument :
MSVOA_N
ClientSampleId :
240426002-01



Tgt Ion:128 Resp: 27532
Ion Ratio Lower Upper
128 100
49 206.7 0.0 403.7
130 127.1 0.0 323.3

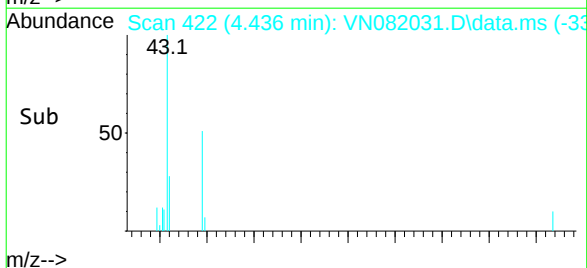
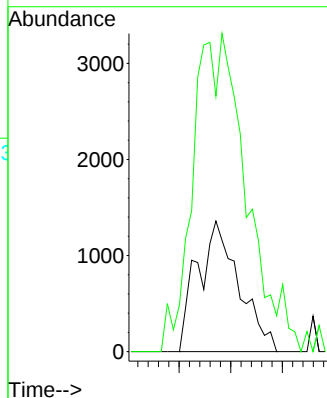
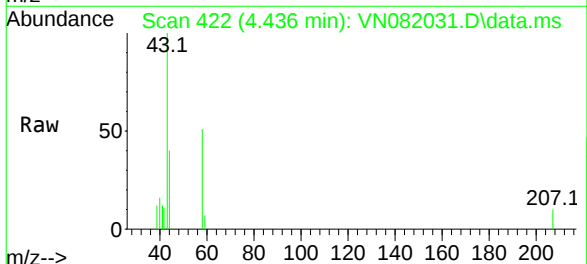
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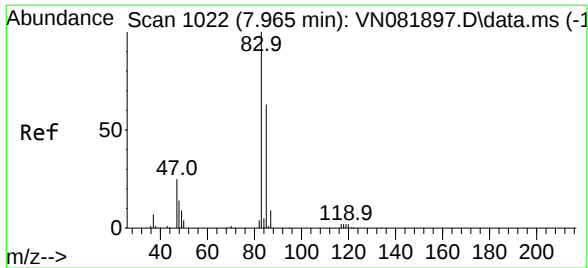
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#15
Acetone
Concen: 17.701 ug/l m
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082031.D
Acq: 08 May 2024 16:49

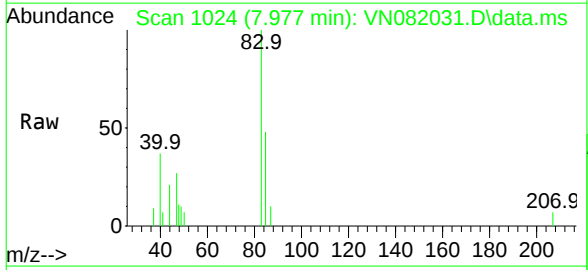
Tgt Ion: 58 Resp: 3809
Ion Ratio Lower Upper
58 100
43 195.7 223.1 334.7#





#25
Chloroform
Concen: 1.697 ug/l m
RT: 7.977 min Scan# 1024
Delta R.T. 0.012 min
Lab File: VN082031.D
Acq: 08 May 2024 16:49

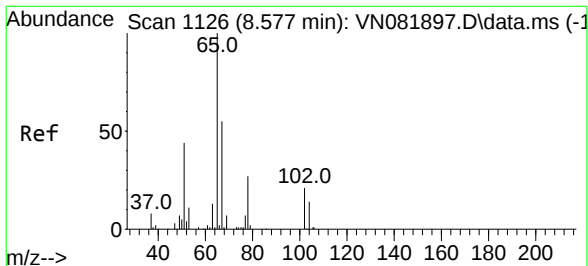
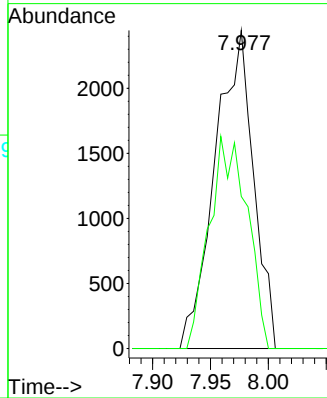
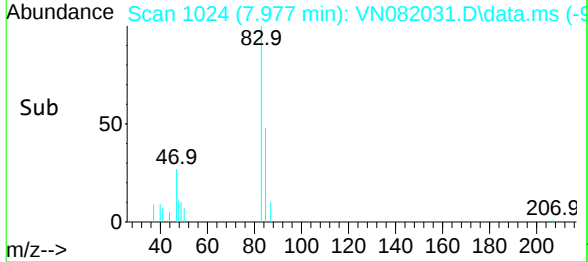
Instrument :
MSVOA_N
ClientSampleId :
240426002-01



Tgt Ion: 83 Resp: 5643
Ion Ratio Lower Upper
83 100
85 47.8 50.9 76.3#

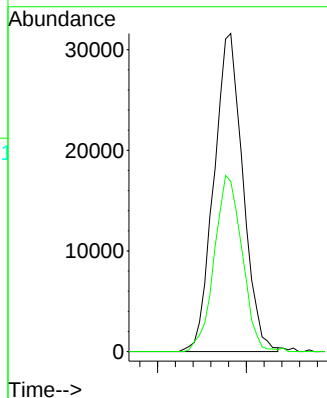
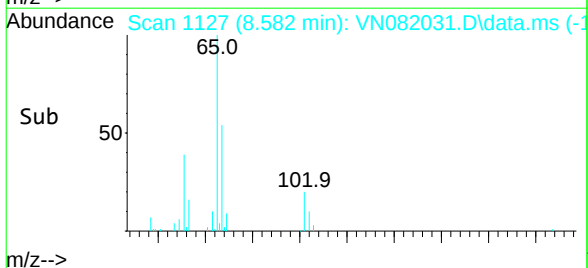
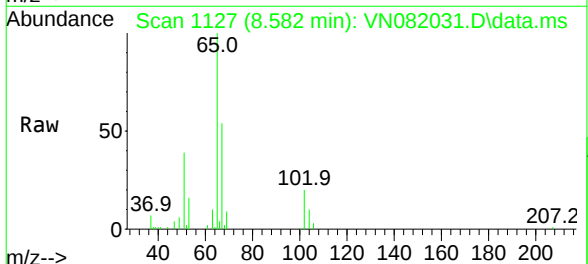
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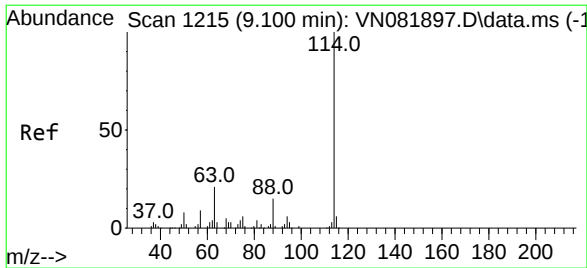
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#27
1,2-Dichloroethane-d4
Concen: 31.101 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082031.D
Acq: 08 May 2024 16:49

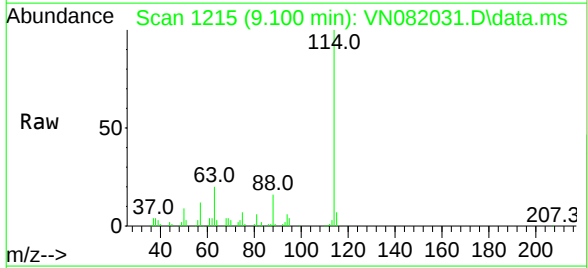
Tgt Ion: 65 Resp: 71691
Ion Ratio Lower Upper
65 100
67 53.1 43.2 64.8





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082031.D
Acq: 08 May 2024 16:49

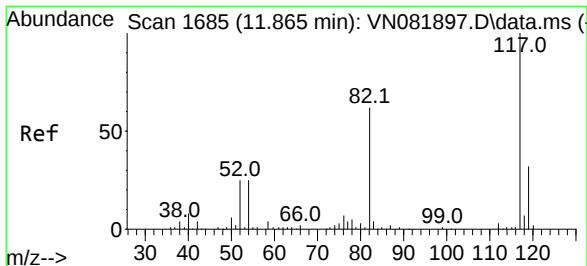
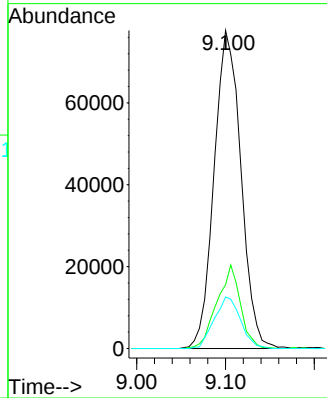
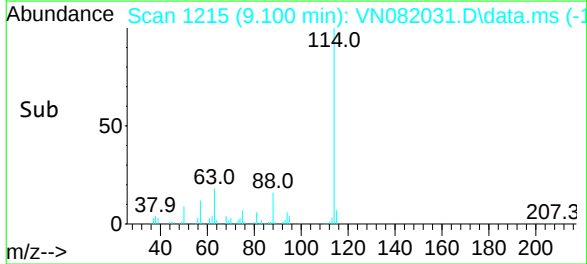
Instrument :
MSVOA_N
ClientSampleId :
240426002-01



Tgt Ion:	114	Resp:	162894
Ion	Ratio	Lower	Upper
114	100		
63	22.9	15.9	23.9
88	15.9	12.7	19.1

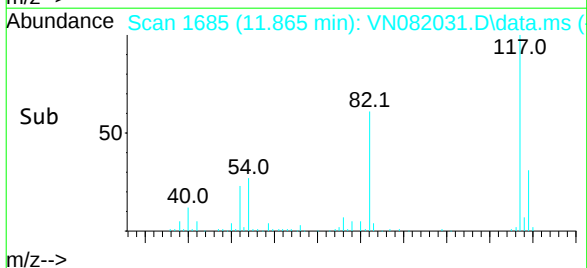
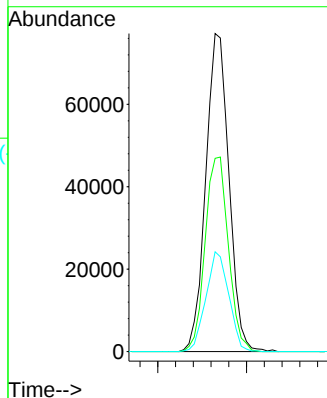
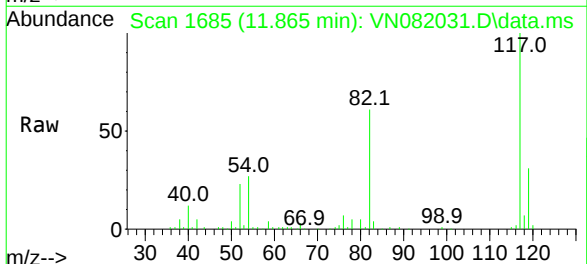
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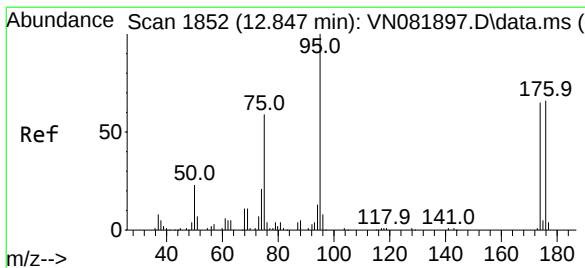
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082031.D
Acq: 08 May 2024 16:49

Tgt Ion:	117	Resp:	140249
Ion	Ratio	Lower	Upper
117	100		
82	61.3	46.6	69.8
119	30.9	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 26.890 ug/l

RT: 12.853 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN082031.D

Acq: 08 May 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

240426002-01

Tgt Ion: 95 Resp: 62763

Ion Ratio Lower Upper

95 100

174 61.7 60.5 90.7

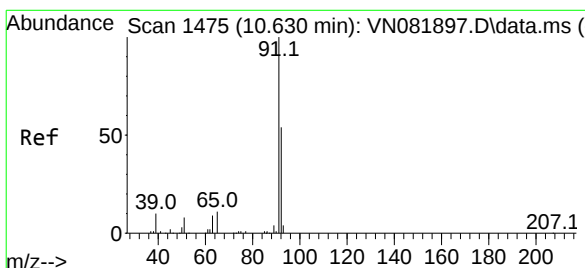
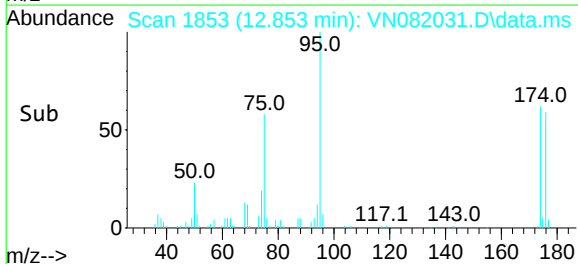
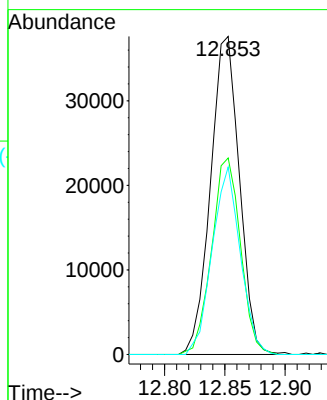
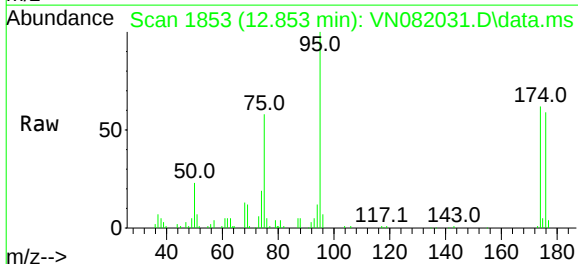
176 57.3 57.8 86.6#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#62

Toluene

Concen: 0.485 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN082031.D

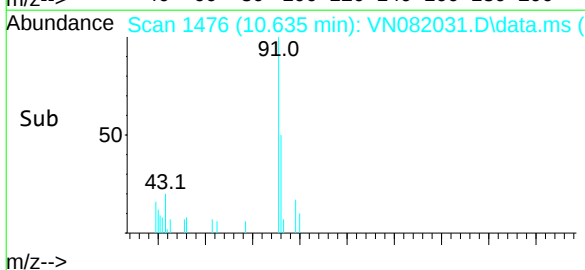
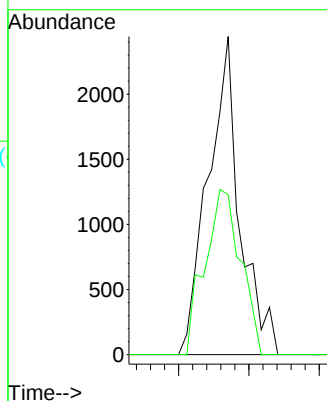
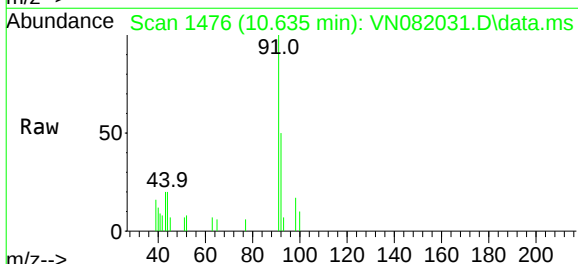
Acq: 08 May 2024 16:49

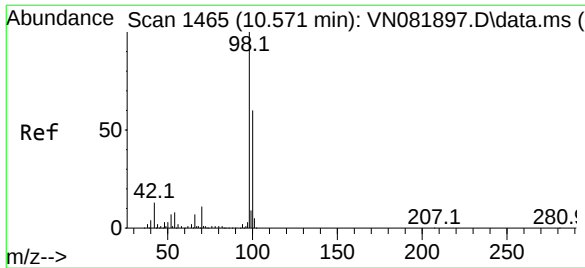
Tgt Ion: 91 Resp: 3829

Ion Ratio Lower Upper

91 100

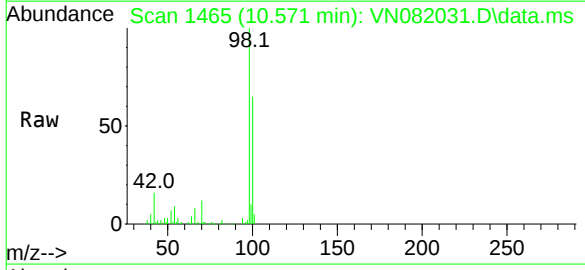
92 58.8 46.5 69.7





#63
Toluene-d8
Concen: 30.656 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082031.D
Acq: 08 May 2024 16:49

Instrument :
MSVOA_N
ClientSampleId :
240426002-01



Tgt Ion: 98 Resp: 204183
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

Manual Integrations
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