

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081912.D
 Acq On : 29 Apr 2024 14:20
 Operator : JC\MD
 Sample : P2289-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240418097-02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/30/2024
 Supervised By : Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 04:37:27 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	42588	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	239556	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	206787	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	101431	28.447	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.833%		
60) 4-Bromofluorobenzene	12.853	95	96101	27.925	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.100%		
63) Toluene-d8	10.571	98	296935	30.237	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.800%		
Target Compounds						
15) Acetone	4.424	58	31387	94.296	ug/l	85
25) Chloroform	7.971	83	23479	4.565	ug/l	99
30) 2-Butanone	7.488	43	6035m	3.283	ug/l	
62) Toluene	10.635	91	27251	2.342	ug/l	99

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

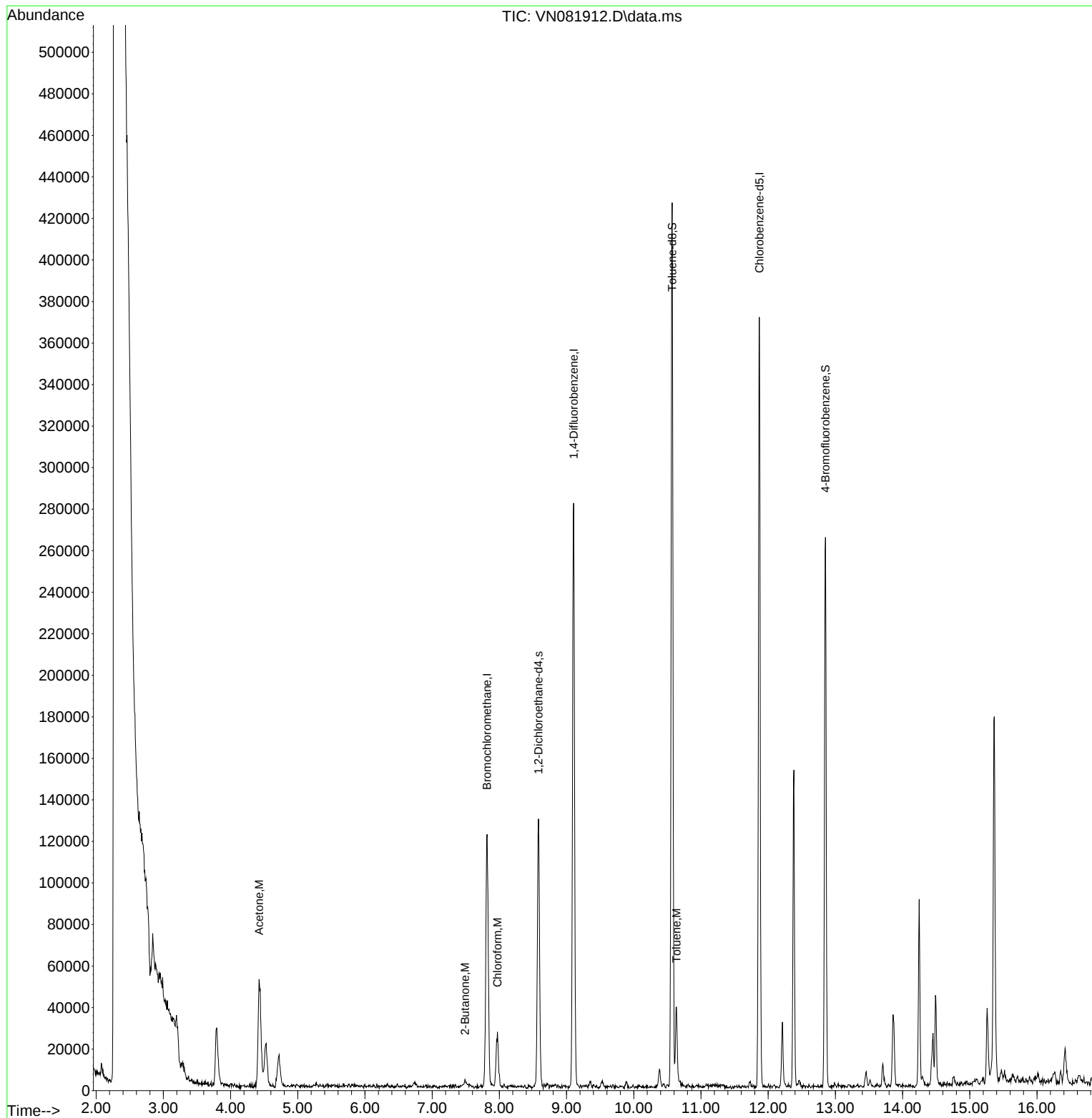
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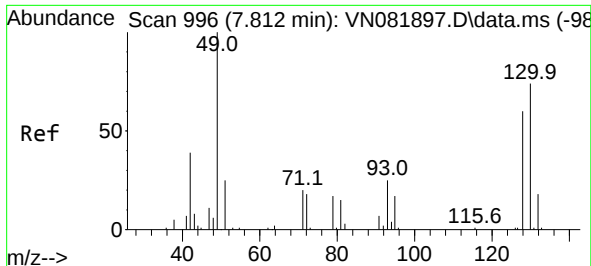
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240418097-02

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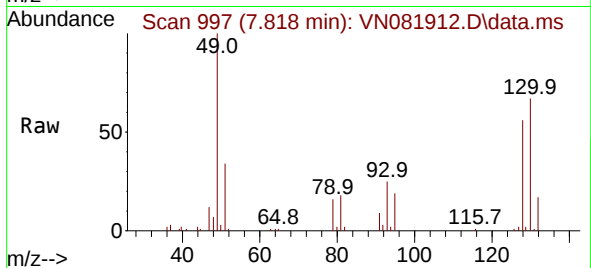
Reviewed By : John Carlone 04/30/2024
Supervised By : Mahesh Dadoda 04/30/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN081912.D
Acq: 29 Apr 2024 14:20

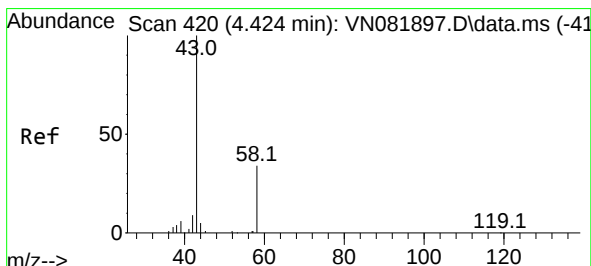
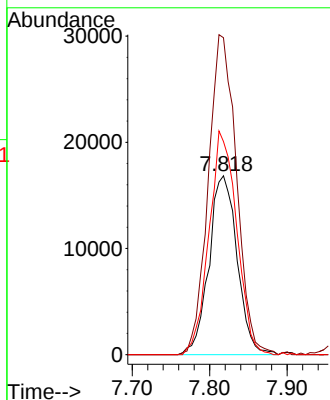
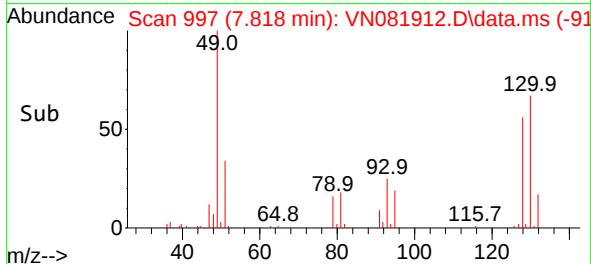
Instrument :
MSVOA_N
ClientSampleId :
240418097-02



Tgt Ion:128 Resp: 42588
Ion Ratio Lower Upper
128 100
49 179.1 0.0 403.7
130 123.0 0.0 323.3

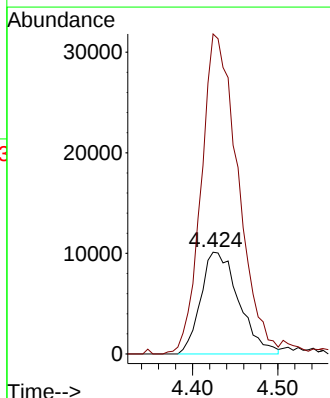
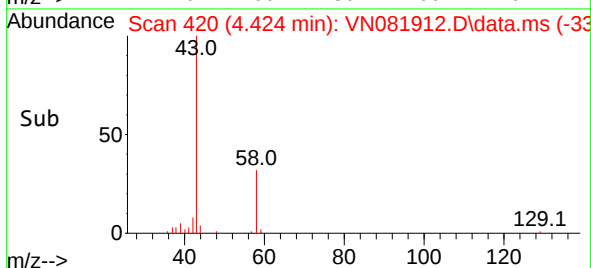
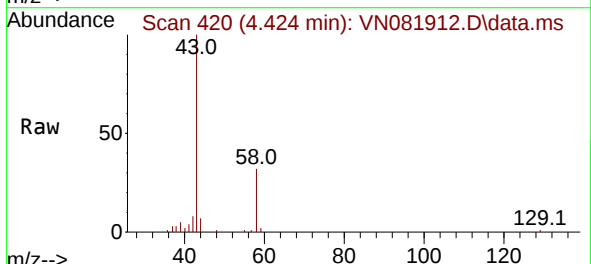
Manual Integrations
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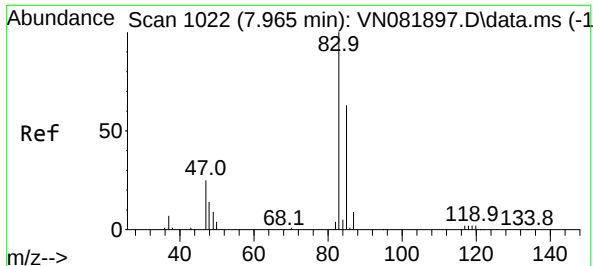
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#15
Acetone
Concen: 94.296 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081912.D
Acq: 29 Apr 2024 14:20

Tgt Ion: 58 Resp: 31387
Ion Ratio Lower Upper
58 100
43 307.8 223.1 334.7





#25

Chloroform

Concen: 4.565 ug/l

RT: 7.971 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN081912.D

Acq: 29 Apr 2024 14:20

Instrument :

MSVOA_N

ClientSampleId :

240418097-02

Tgt Ion: 83 Resp: 23479

Ion Ratio Lower Upper

83 100

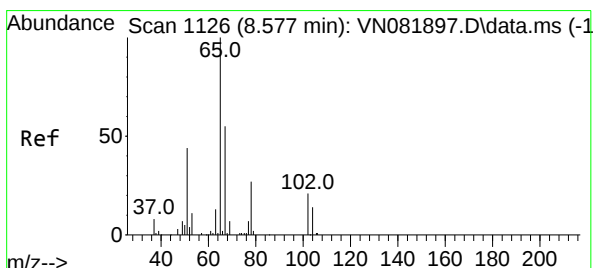
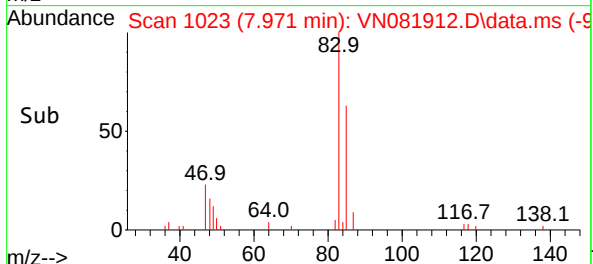
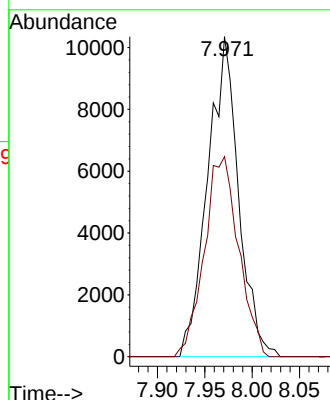
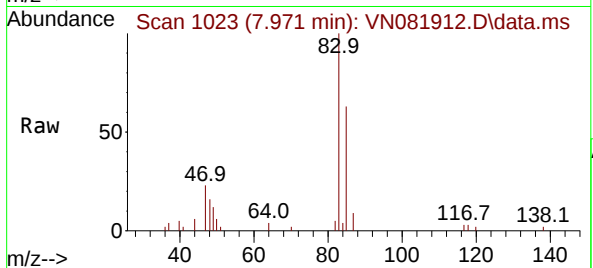
85 62.5 50.9 76.3

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 28.447 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081912.D

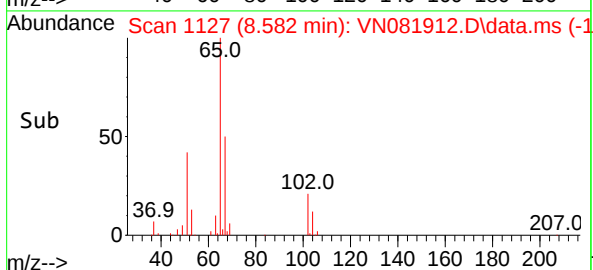
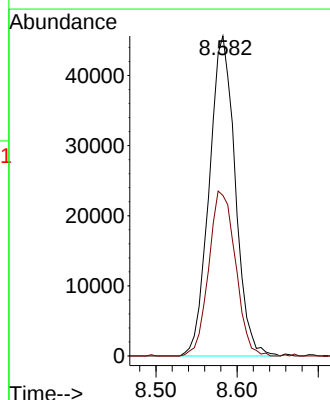
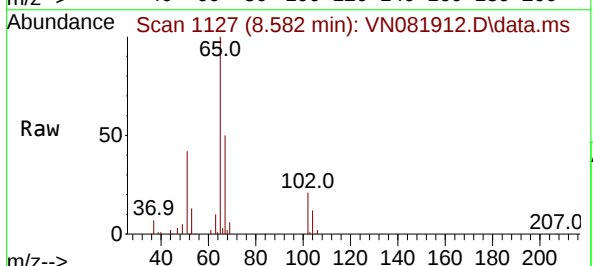
Acq: 29 Apr 2024 14:20

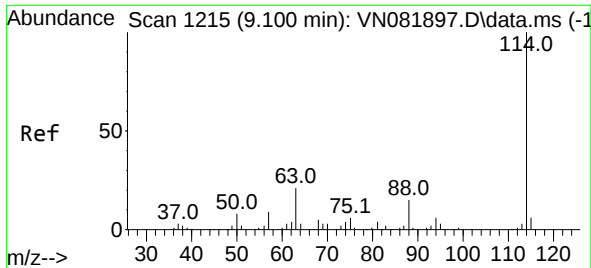
Tgt Ion: 65 Resp: 101431

Ion Ratio Lower Upper

65 100

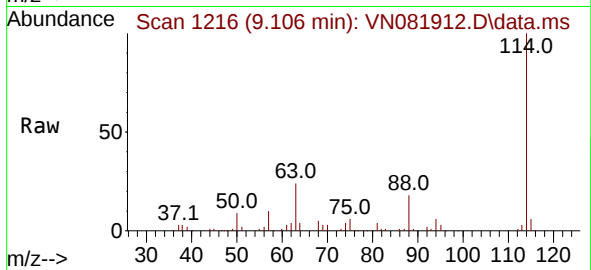
67 52.9 43.2 64.8





#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 114
 Delta R.T. 0.006 min
 Lab File: VN081912.D
 Acq: 29 Apr 2024 14:20

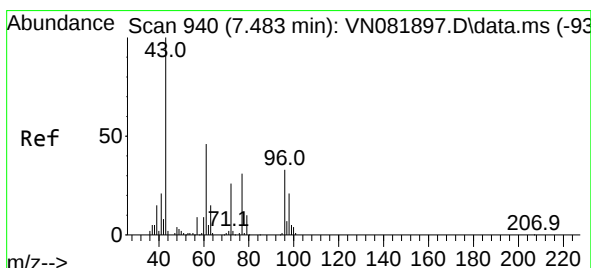
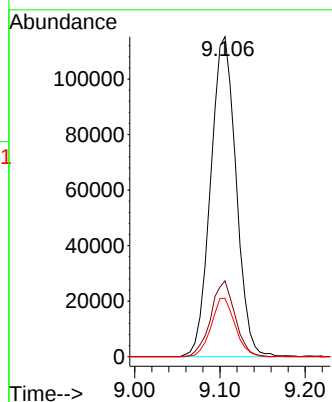
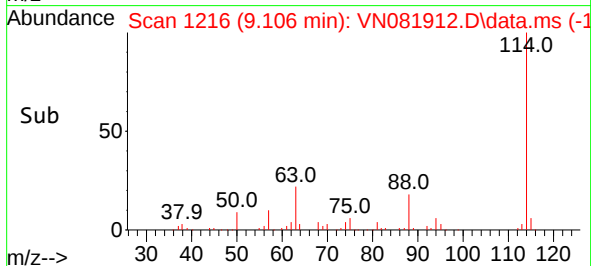
Instrument :
 MSVOA_N
 ClientSampleId :
 240418097-02



Tgt Ion: 114 Resp: 239550
 Ion Ratio Lower Upper
 114 100
 63 22.5 15.9 23.9
 88 17.2 12.7 19.1

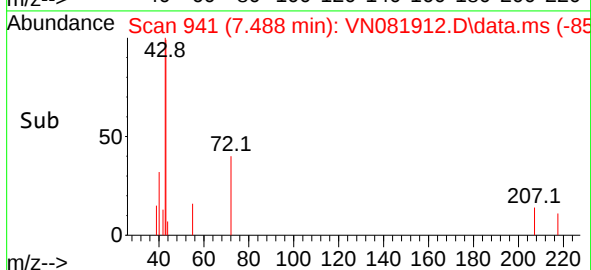
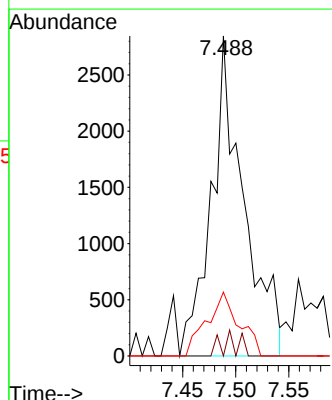
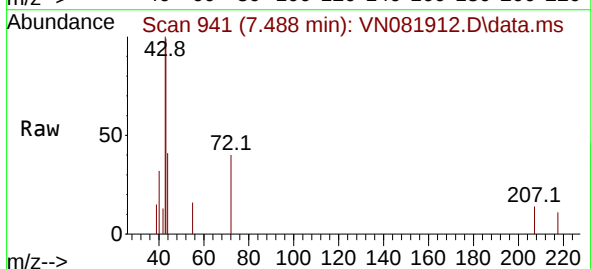
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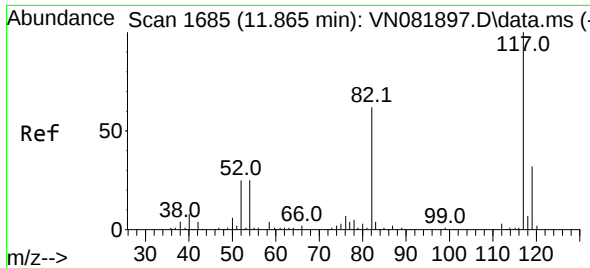
Reviewed By :John Carlone 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#30
 2-Butanone
 Concen: 3.283 ug/l m
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN081912.D
 Acq: 29 Apr 2024 14:20

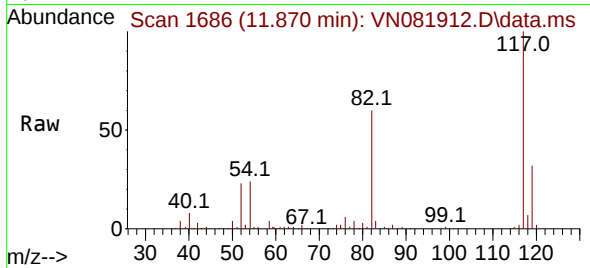
Tgt Ion: 43 Resp: 6035
 Ion Ratio Lower Upper
 43 100
 57 1.4 6.7 10.1#
 72 17.4 24.0 36.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1185
Delta R.T. 0.006 min
Lab File: VN081912.D
Acq: 29 Apr 2024 14:20

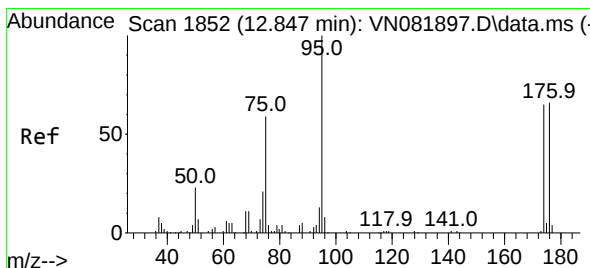
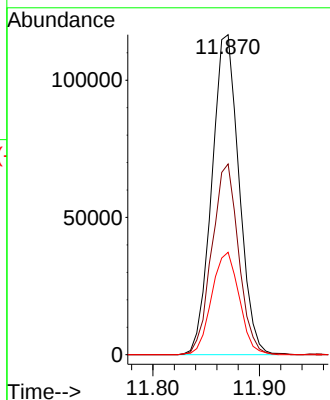
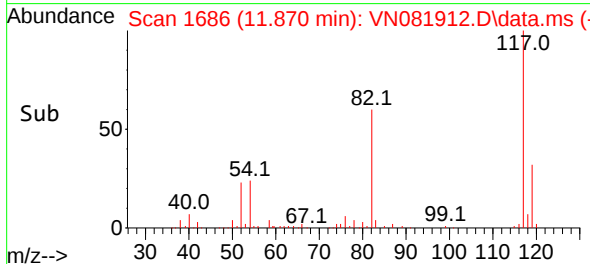
Instrument :
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ClientSampleId :
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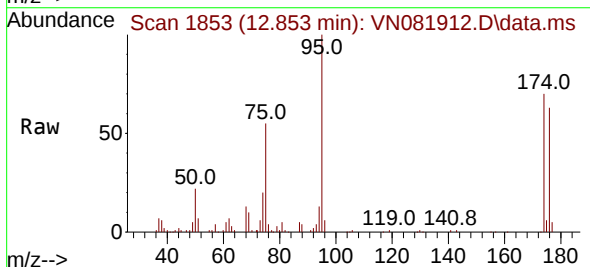
Tgt Ion: 117 Resp: 20678
Ion Ratio Lower Upper
117 100
82 58.6 46.6 69.8
119 32.5 25.4 38.2

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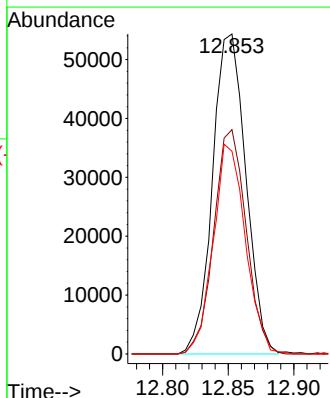
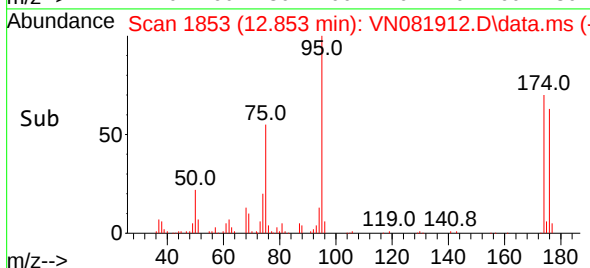
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

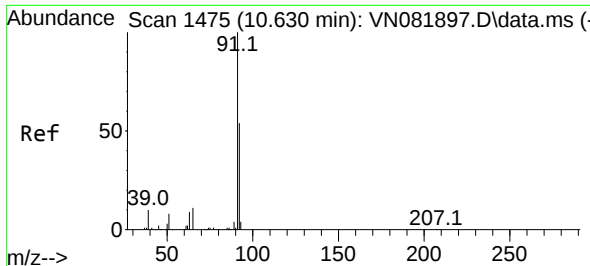


#60
4-Bromofluorobenzene
Concen: 27.925 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081912.D
Acq: 29 Apr 2024 14:20



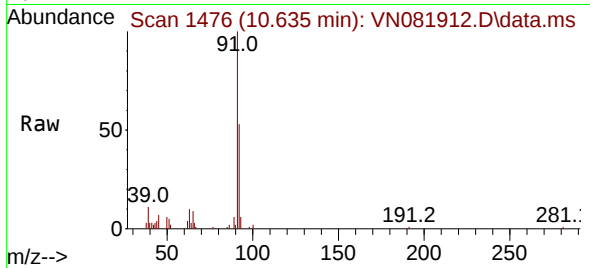
Tgt Ion: 95 Resp: 96101
Ion Ratio Lower Upper
95 100
174 68.1 60.5 90.7
176 63.3 57.8 86.6





#62
Toluene
Concen: 2.342 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN081912.D
Acq: 29 Apr 2024 14:20

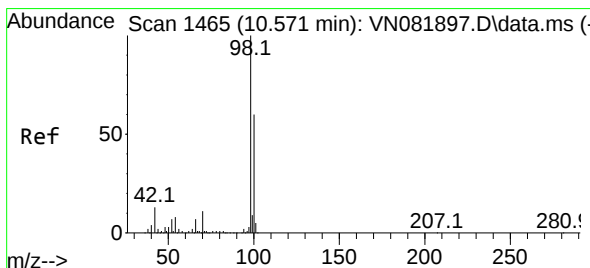
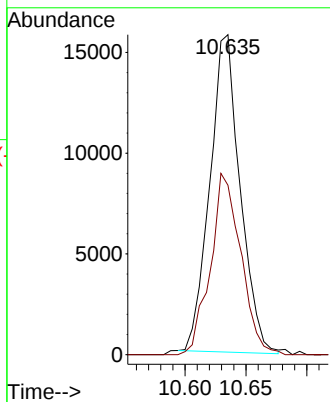
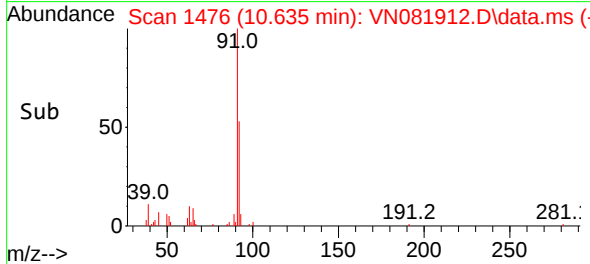
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 91 Resp: 2725
Ion Ratio Lower Upper
91 100
92 57.4 46.5 69.7

Manual Integrations
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Supervised By :Mahesh Dadoda 04/30/2024



#63
Toluene-d8
Concen: 30.237 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081912.D
Acq: 29 Apr 2024 14:20

Tgt Ion: 98 Resp: 296935
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

