

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
 Data File : VN081824.D
 Acq On : 22 Apr 2024 13:22
 Operator : JC\MD
 Sample : P2212-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240418098-02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

Quant Time: Apr 23 06:56:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	15277	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	93129	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	119387	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	53302	28.401	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.667%		
60) 4-Bromofluorobenzene	12.853	95	61676	26.276	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	87.600%		
63) Toluene-d8	10.565	98	141086	29.461	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.200%		
Target Compounds						
						Qvalue
15) Acetone	4.436	58	7320	37.013	ug/l	83
25) Chloroform	7.965	83	8593m	1.999	ug/l	
37) Trichloroethene	9.347	130	1646m	0.789	ug/l	
62) Toluene	10.629	91	8528	0.982	ug/l	99

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

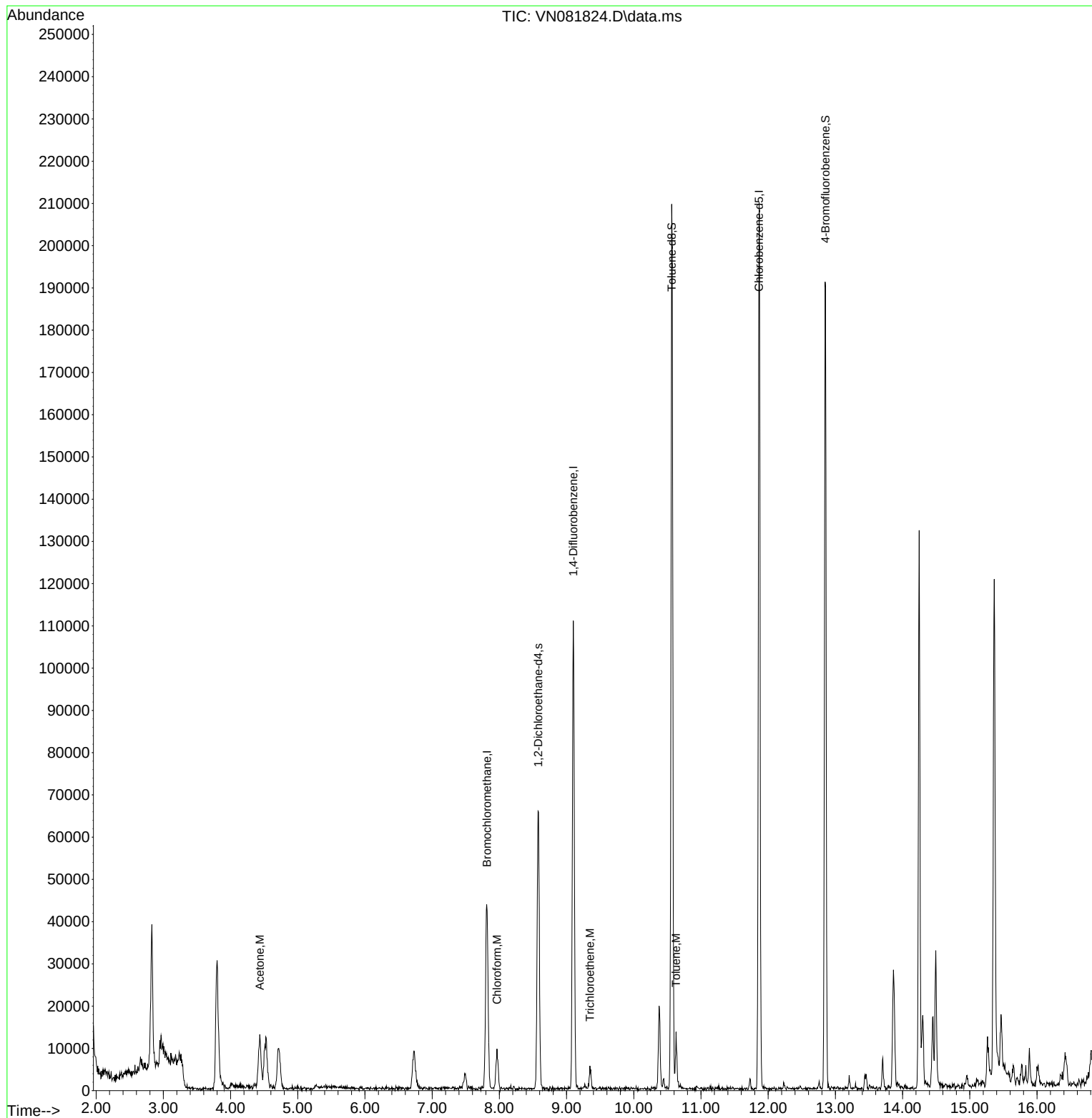
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
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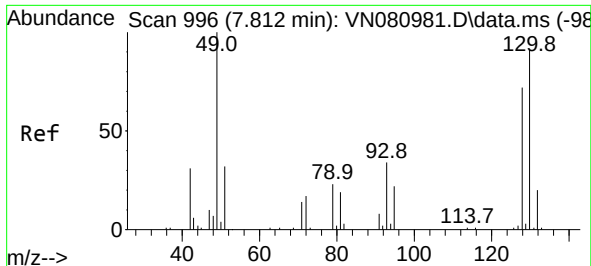
Instrument :
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ClientSampleId :
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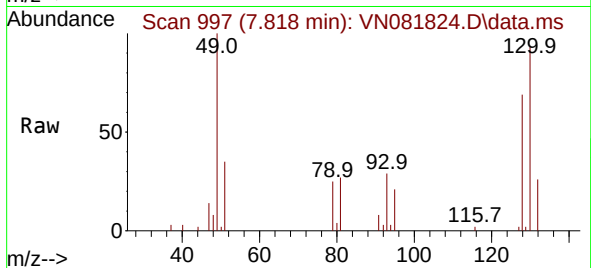
Quant Time: Apr 23 06:56:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN081824.D
Acq: 22 Apr 2024 13:22

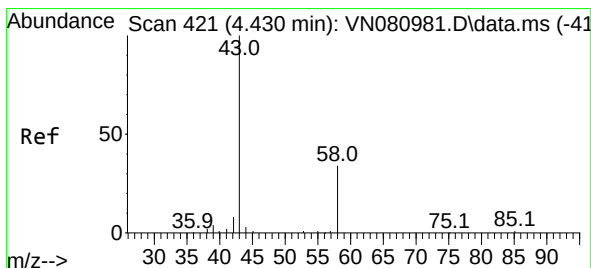
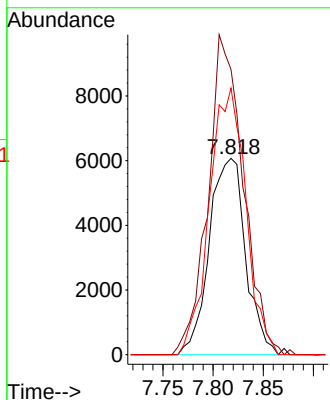
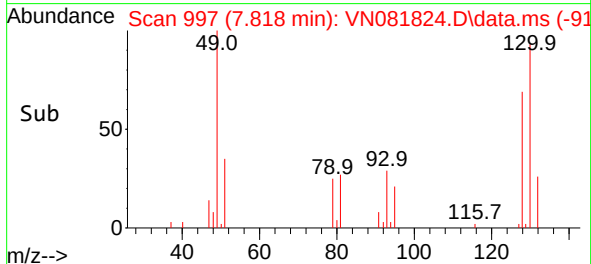
Instrument :
MSVOA_N
ClientSampleId :
240418098-02



Tgt Ion:128 Resp: 1527
Ion Ratio Lower Upper
128 100
49 157.9 0.0 403.7
130 136.8 0.0 323.3

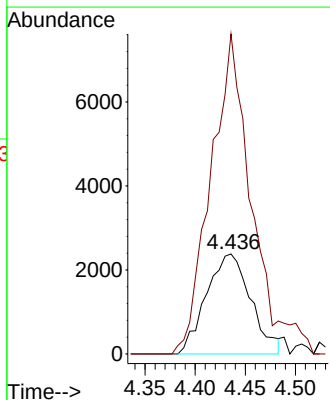
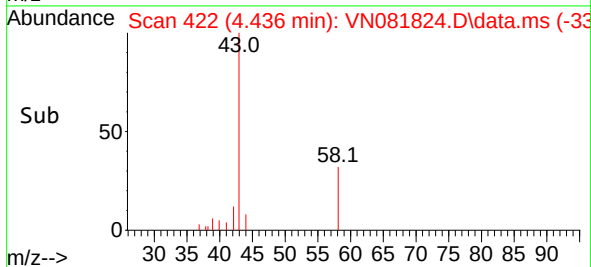
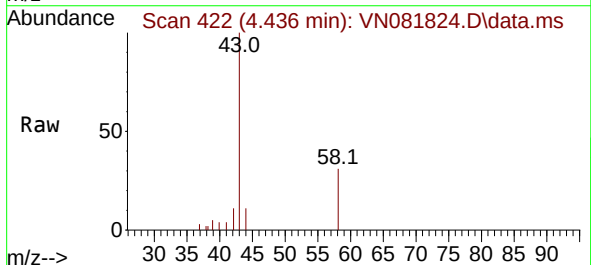
Manual Integrations
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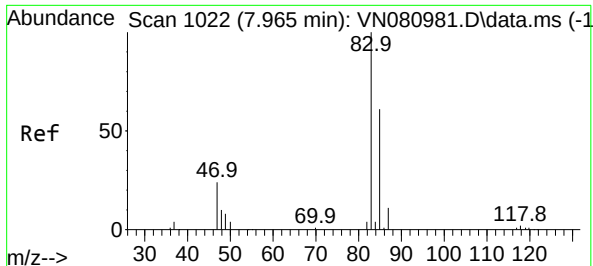
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#15
Acetone
Concen: 37.013 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081824.D
Acq: 22 Apr 2024 13:22

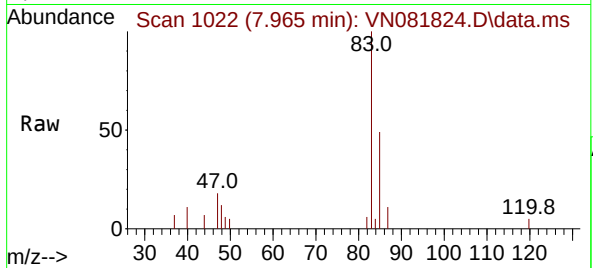
Tgt Ion: 58 Resp: 7320
Ion Ratio Lower Upper
58 100
43 311.5 223.1 334.7





#25
Chloroform
Concen: 1.999 ug/l m
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081824.D
Acq: 22 Apr 2024 13:22

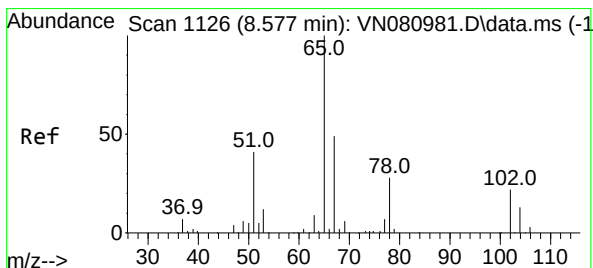
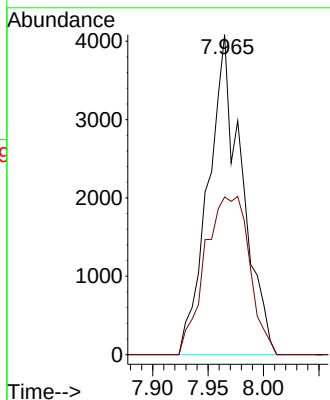
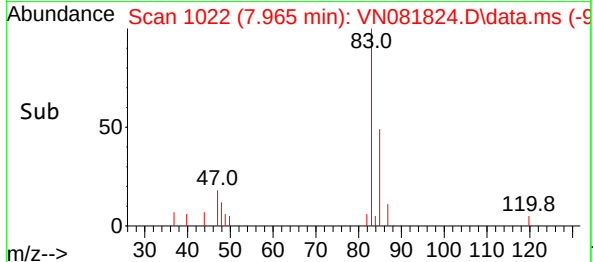
Instrument :
MSVOA_N
ClientSampleId :
240418098-02



Tgt Ion: 83 Resp: 859
Ion Ratio Lower Upper
83 100
85 49.3 50.9 76.3

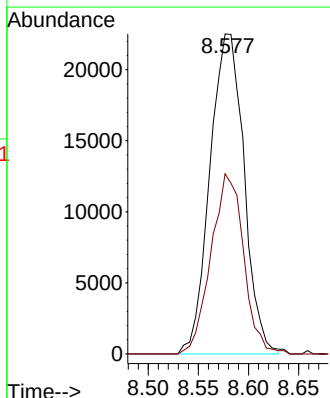
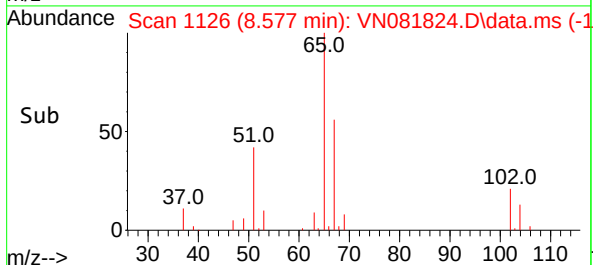
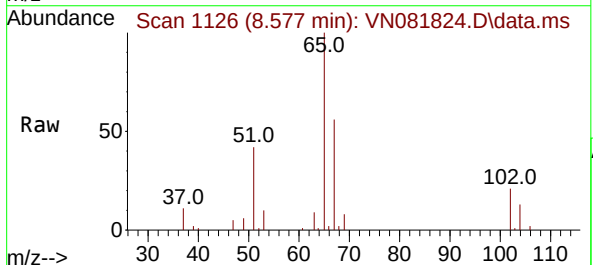
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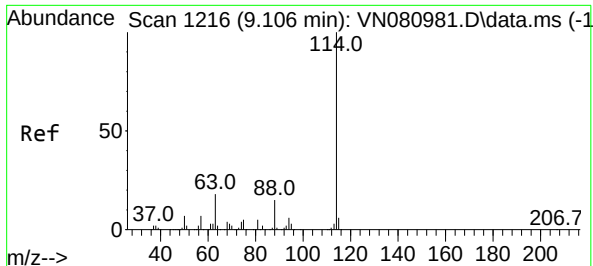
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#27
1,2-Dichloroethane-d4
Concen: 28.401 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081824.D
Acq: 22 Apr 2024 13:22

Tgt Ion: 65 Resp: 53302
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: VN081824.D

Acq: 22 Apr 2024 13:22

Instrument :

MSVOA_N

ClientSampleId :

240418098-02

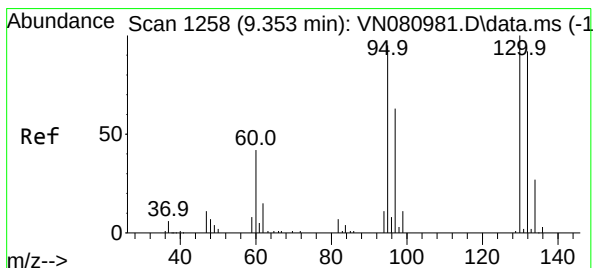
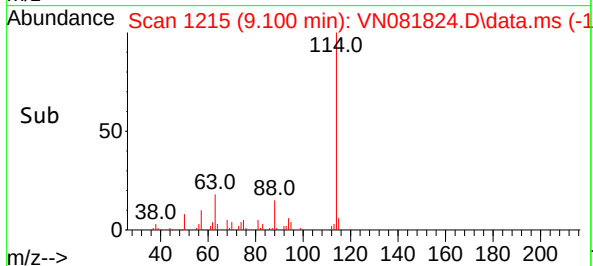
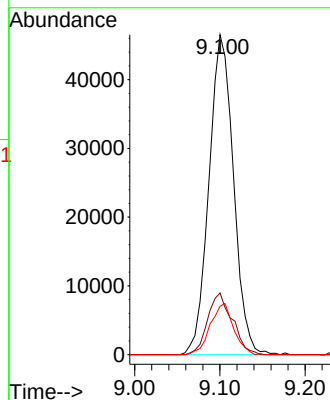
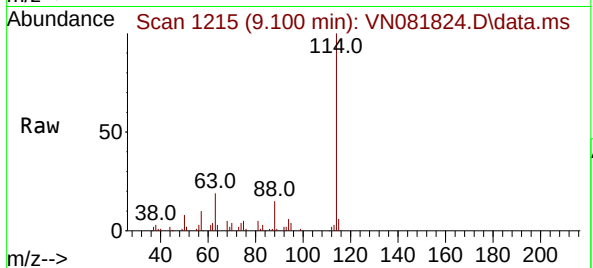
Tgt Ion:114	Resp:	93129
Ion Ratio	Lower	Upper
114	100	
63	19.4	15.9 23.9
88	15.2	12.7 19.1

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#37

Trichloroethene

Concen: 0.789 ug/l m

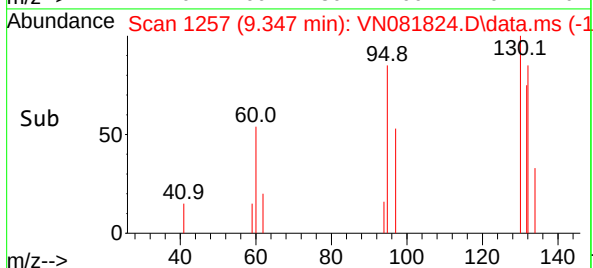
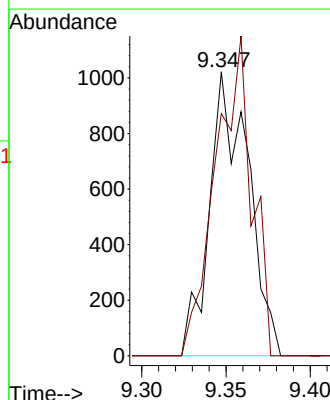
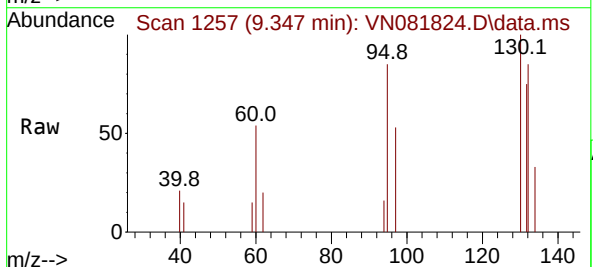
RT: 9.347 min Scan# 1257

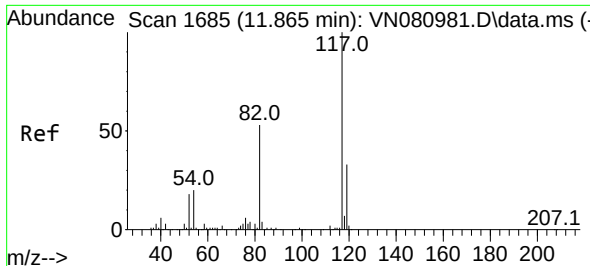
Delta R.T. -0.006 min

Lab File: VN081824.D

Acq: 22 Apr 2024 13:22

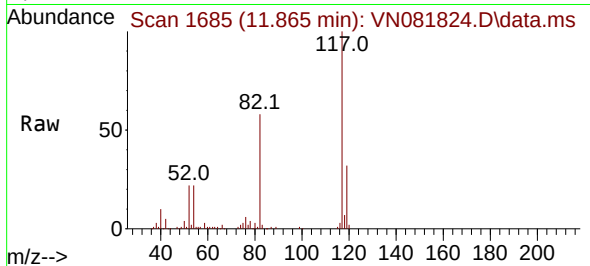
Tgt Ion:130	Resp:	1646
Ion Ratio	Lower	Upper
130	100	
95	85.3	80.2 120.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 11938
Delta R.T. 0.000 min
Lab File: VN081824.D
Acq: 22 Apr 2024 13:22

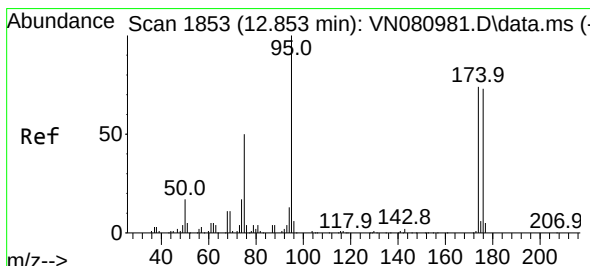
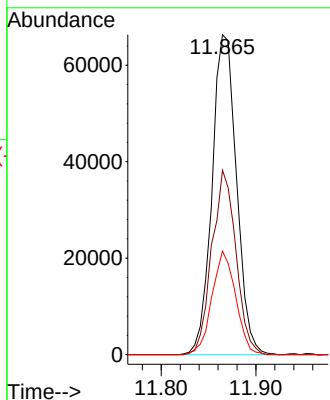
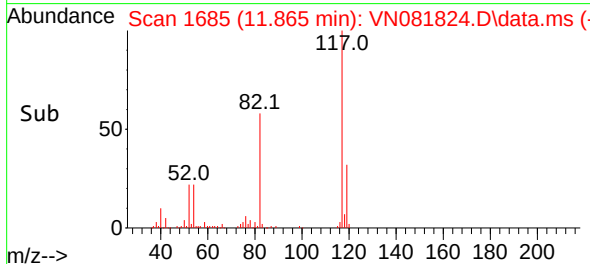
Instrument :
MSVOA_N
ClientSampleId :
240418098-02



Tgt Ion: 117 Resp: 11938
Ion Ratio Lower Upper
117 100
82 56.6 46.6 69.8
119 31.4 25.4 38.2

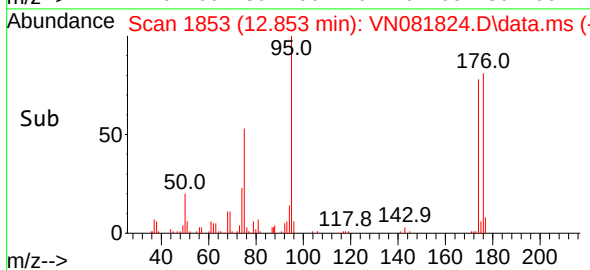
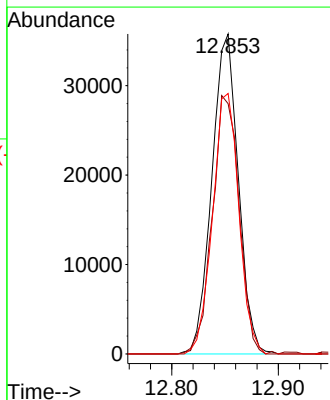
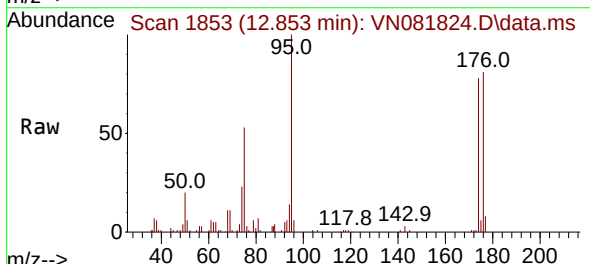
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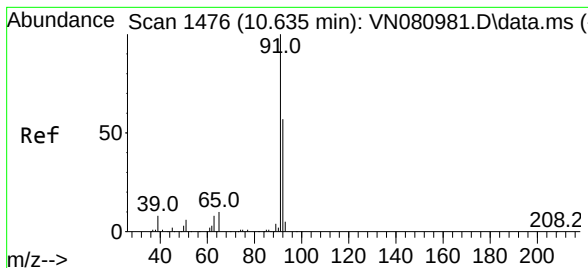
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#60
4-Bromofluorobenzene
Concen: 26.276 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081824.D
Acq: 22 Apr 2024 13:22

Tgt Ion: 95 Resp: 61676
Ion Ratio Lower Upper
95 100
174 81.7 60.5 90.7
176 80.7 57.8 86.6





#62

Toluene

Concen: 0.982 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081824.D

Acq: 22 Apr 2024 13:22

Instrument :

MSVOA_N

ClientSampleId :

240418098-02

Tgt Ion: 91 Resp: 8528

Ion Ratio Lower Upper

91 100

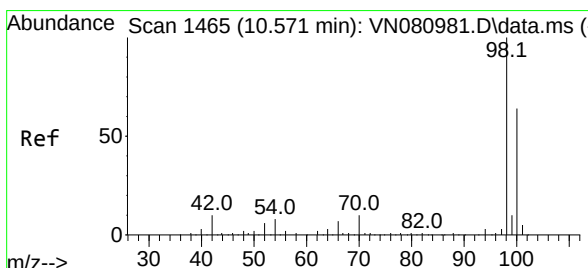
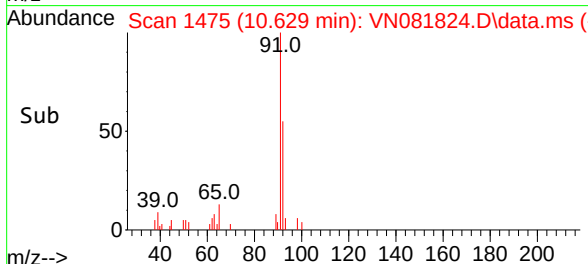
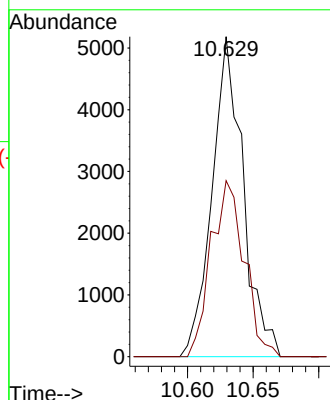
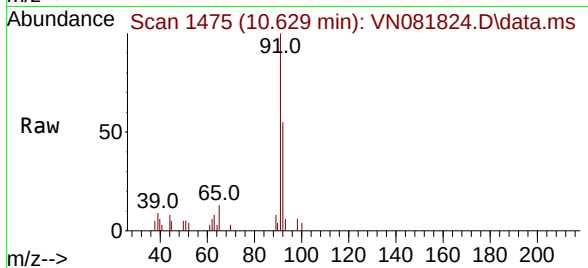
92 58.9 46.5 69.7

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#63

Toluene-d8

Concen: 29.461 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081824.D

Acq: 22 Apr 2024 13:22

Tgt Ion: 98 Resp: 141086

Ion Ratio Lower Upper

98 100

100 62.2 52.7 79.1

