

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081813.D
 Acq On : 19 Apr 2024 16:52
 Operator : JC\MD
 Sample : P2211-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240418097-02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2024
 Supervised By : Mahesh Dadoda 04/22/2024

Quant Time: Apr 19 23:45:28 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	13857	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	80890	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	107471	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	51633	30.331	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.100%			
60) 4-Bromofluorobenzene	12.847	95	55635	26.331	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.767%			
63) Toluene-d8	10.571	98	126972	29.454	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.167%			
Target Compounds						
15) Acetone	4.430	58	11813m	65.853	ug/l	Qvalue
25) Chloroform	7.965	83	19571	5.020	ug/l	91
62) Toluene	10.629	91	17069	2.183	ug/l	97

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

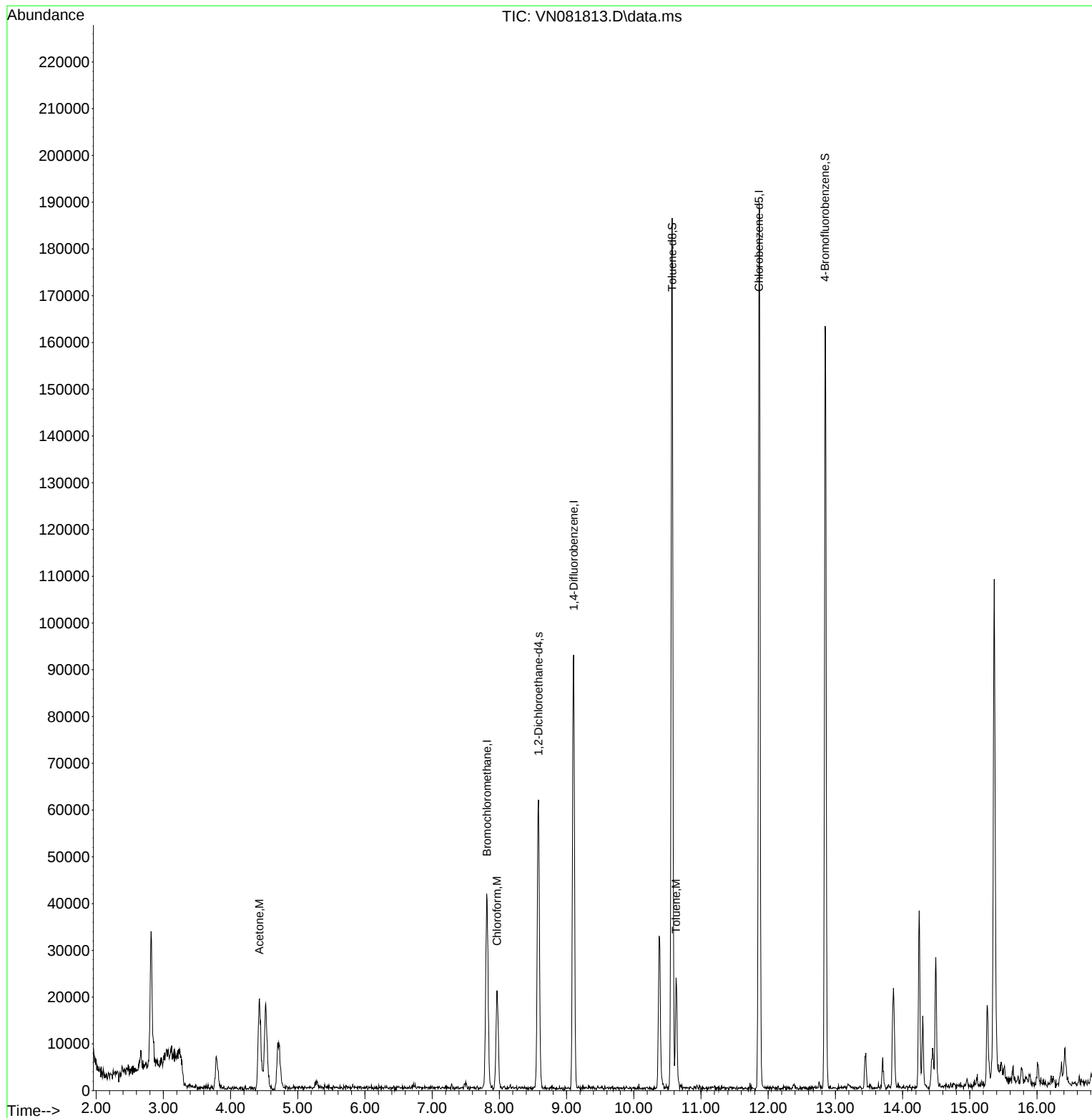
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
Data File : VN081813.D
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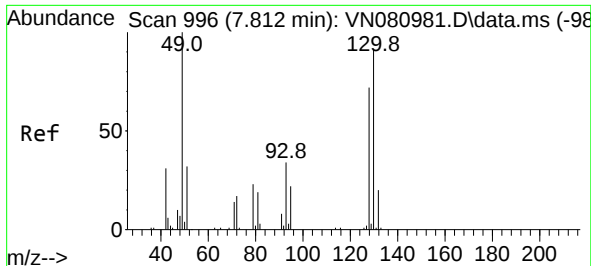
Instrument :
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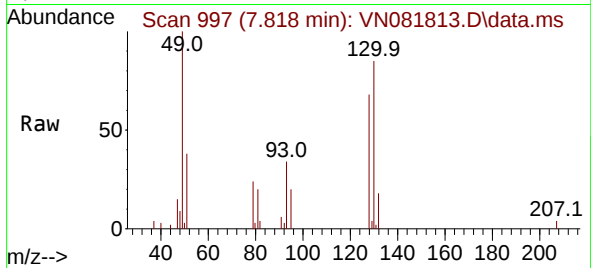
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081813.D
Acq: 19 Apr 2024 16:52

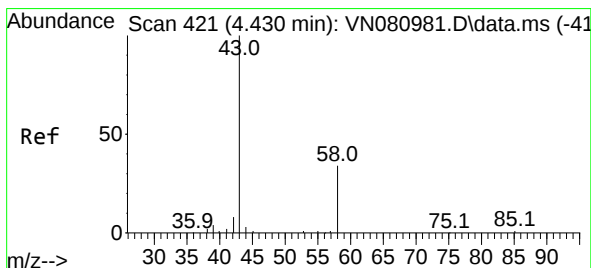
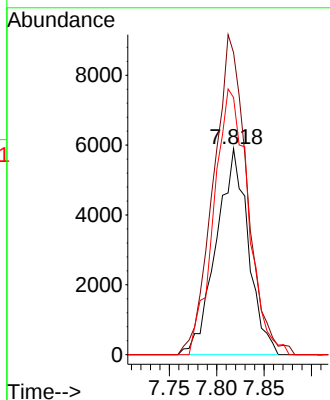
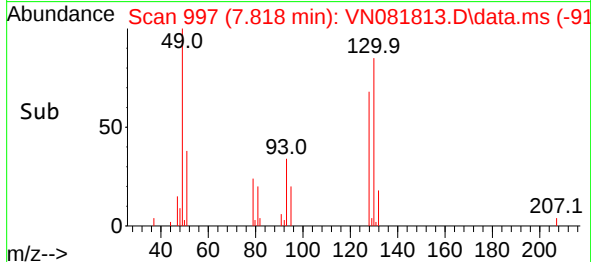
Instrument :
MSVOA_N
ClientSampleId :
240418097-02



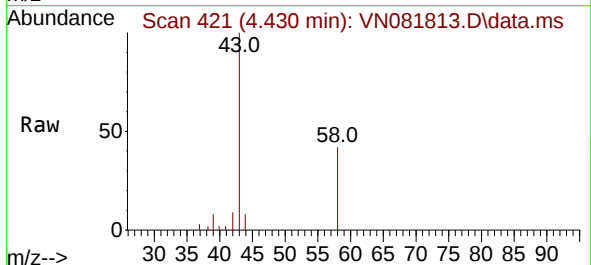
Tgt Ion:128 Resp: 1385
Ion Ratio Lower Upper
128 100
49 161.7 0.0 403.7
130 139.0 0.0 323.3

Manual Integrations
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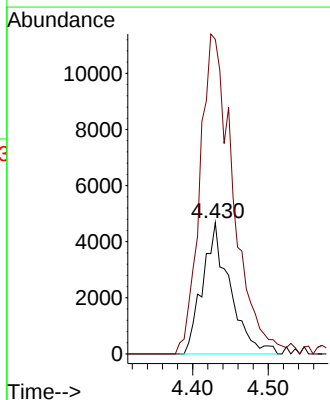
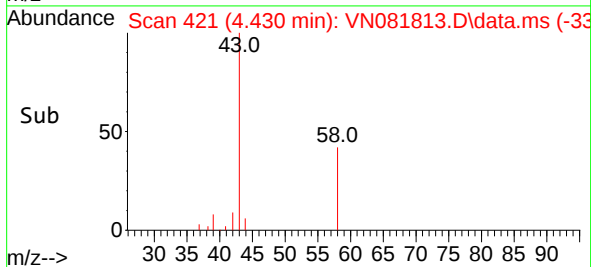
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

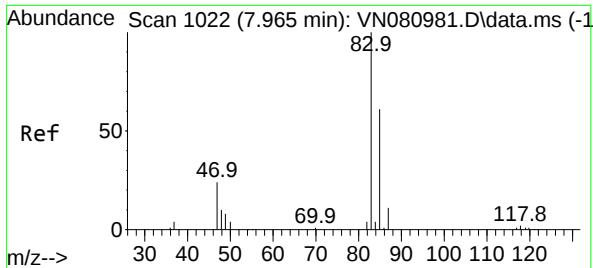


#15
Acetone
Concen: 65.853 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081813.D
Acq: 19 Apr 2024 16:52



Tgt Ion: 58 Resp: 11813
Ion Ratio Lower Upper
58 100
43 239.5 223.1 334.7





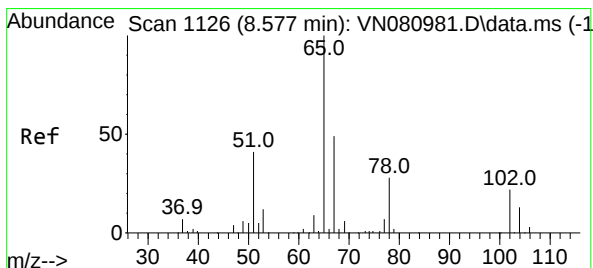
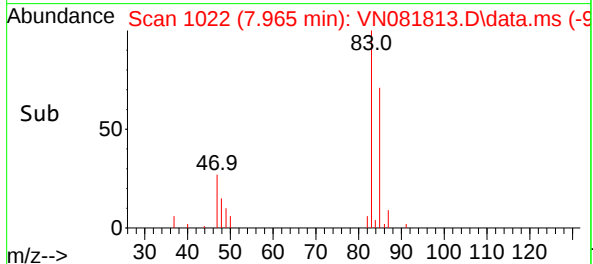
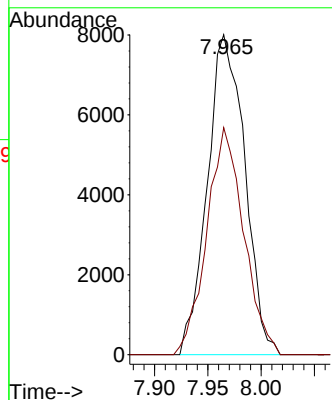
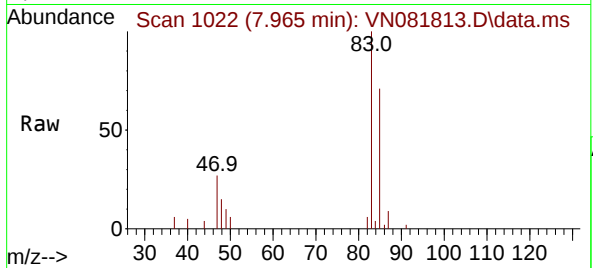
#25
Chloroform
Concen: 5.020 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081813.D
Acq: 19 Apr 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :
240418097-02

Tgt Ion: 83 Resp: 1957
Ion Ratio Lower Upper
83 100
85 71.0 50.9 76.3

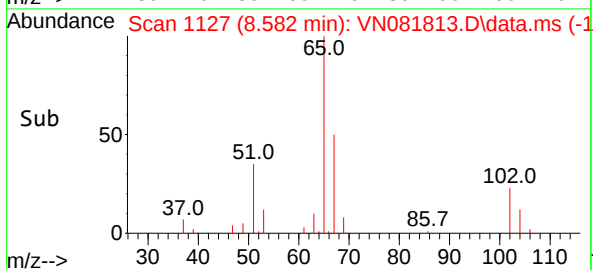
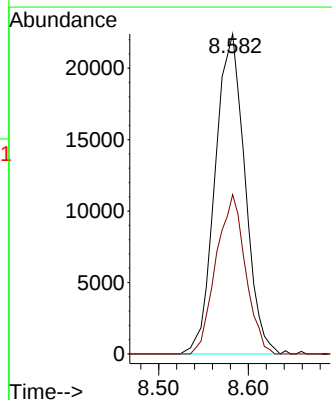
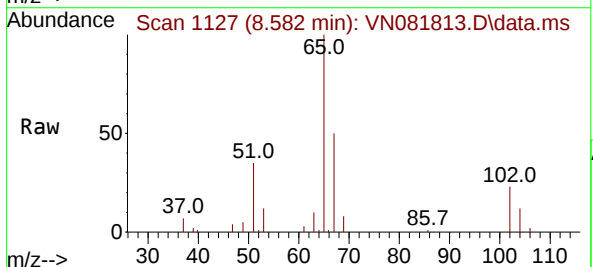
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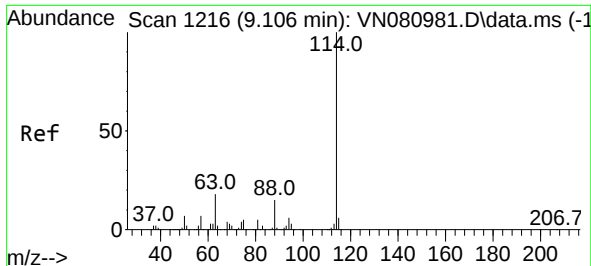
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#27
1,2-Dichloroethane-d4
Concen: 30.331 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN081813.D
Acq: 19 Apr 2024 16:52

Tgt Ion: 65 Resp: 51633
Ion Ratio Lower Upper
65 100
67 49.1 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081813.D

Acq: 19 Apr 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

240418097-02

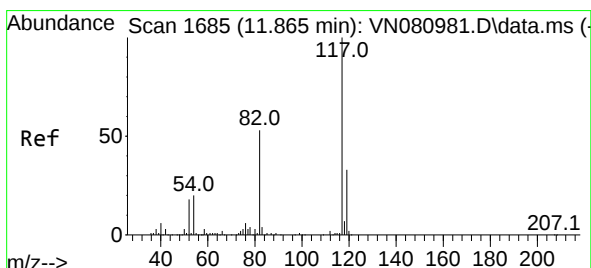
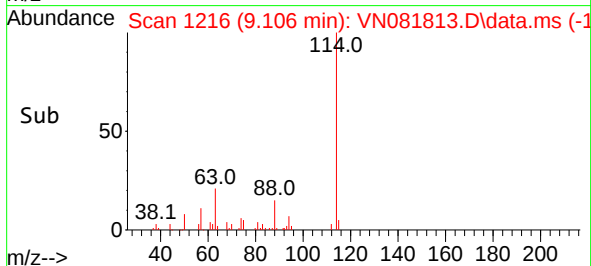
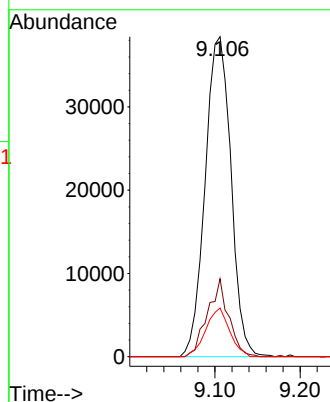
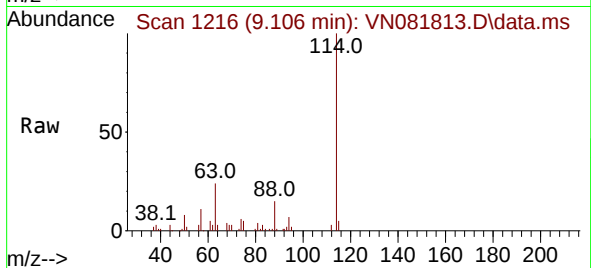
Tgt Ion:114	Resp:	80890
Ion Ratio	Lower	Upper
114	100	
63	20.0	15.9 23.9
88	14.0	12.7 19.1

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Supervised By :Mahesh Dadoda 04/22/2024



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

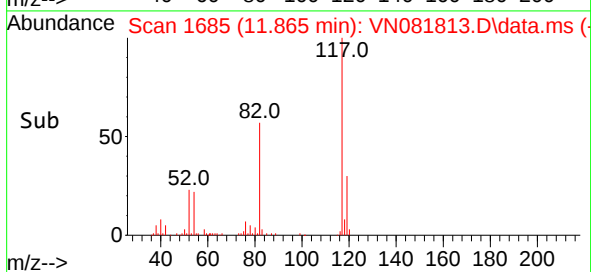
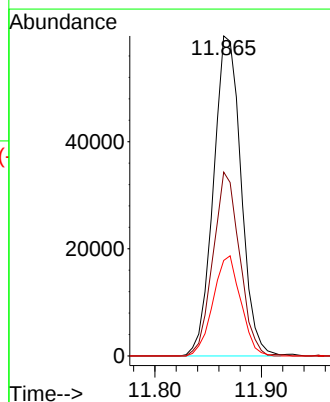
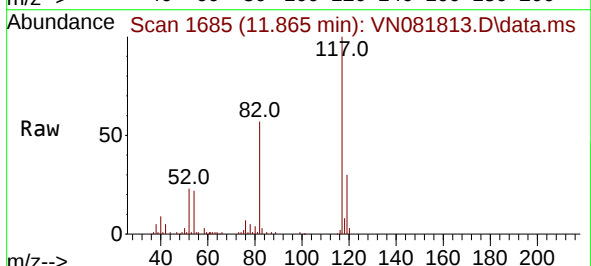
RT: 11.865 min Scan# 1685

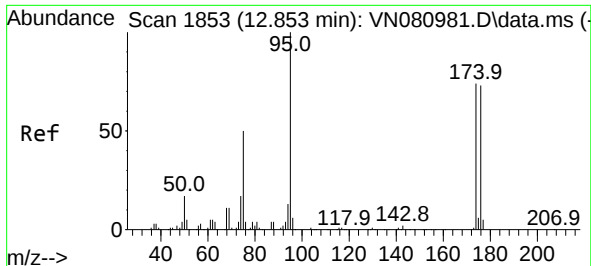
Delta R.T. -0.000 min

Lab File: VN081813.D

Acq: 19 Apr 2024 16:52

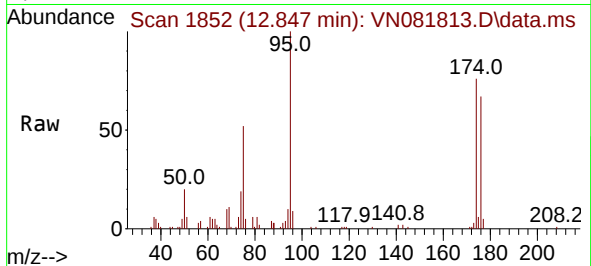
Tgt Ion:117	Resp:	107471
Ion Ratio	Lower	Upper
117	100	
82	55.2	46.6 69.8
119	31.3	25.4 38.2





#60
4-Bromofluorobenzene
Concen: 26.331 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081813.D
Acq: 19 Apr 2024 16:52

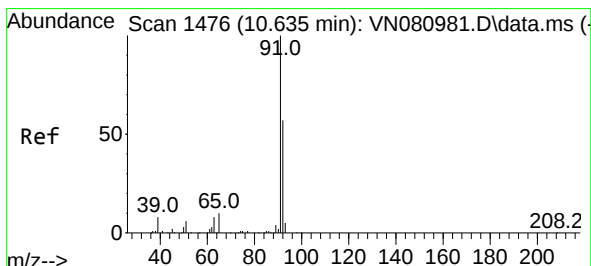
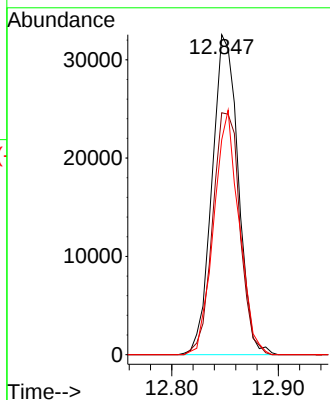
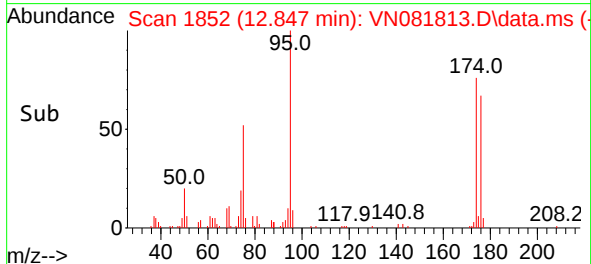
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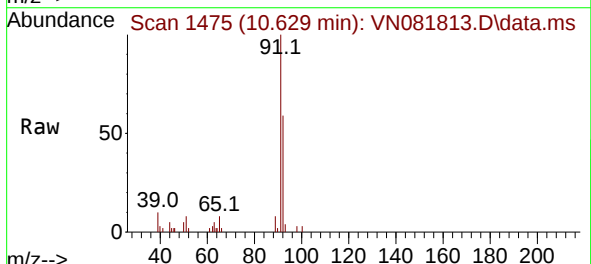
Tgt Ion: 95 Resp: 5563
Ion Ratio Lower Upper
95 100
174 78.4 60.5 90.7
176 73.6 57.8 86.6

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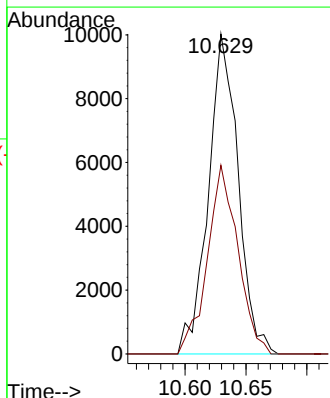
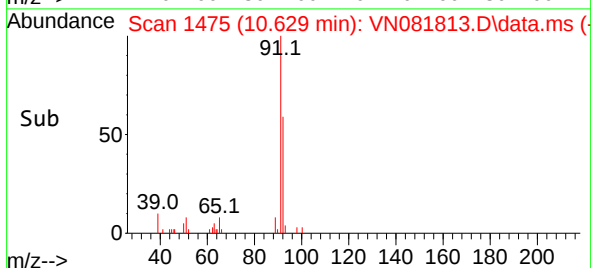
Reviewed By :John Carlone 04/22/2024
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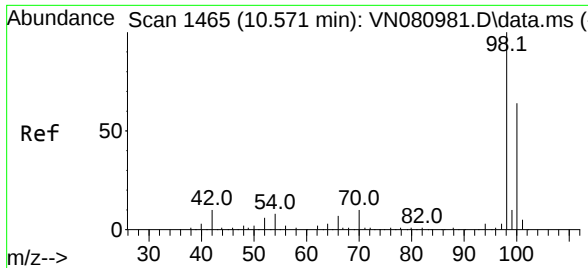


#62
Toluene
Concen: 2.183 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081813.D
Acq: 19 Apr 2024 16:52



Tgt Ion: 91 Resp: 17069
Ion Ratio Lower Upper
91 100
92 60.4 46.5 69.7





#63
 Toluene-d8
 Concen: 29.454 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. 0.006 min
 Lab File: VN081813.D
 Acq: 19 Apr 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

240418097-02

Tgt Ion: 98 Resp: 126972
 Ion Ratio Lower Upper
 98 100
 100 63.1 52.7 79.1

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