

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084069.D
 Acq On : 20 Sep 2024 14:45
 Operator : JC\MD
 Sample : PB163512ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163512ZHE#02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2024
 Supervised By : Mahesh Dadoda 09/23/2024

Quant Time: Sep 23 06:19:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	24187	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	137502	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	128044	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	70071	31.694	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	105.633%	
60) 4-Bromofluorobenzene	12.847	95	55194	25.011	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	83.367%	
63) Toluene-d8	10.565	98	174181	29.378	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	97.933%	
Target Compounds						
15) Acetone	4.436	58	14720	60.483	ug/l #	68
18) Methylene Chloride	5.271	84	7211	4.385	ug/l #	87
44) Isopropyl Acetate	8.688	43	282476m	78.924	ug/l	

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

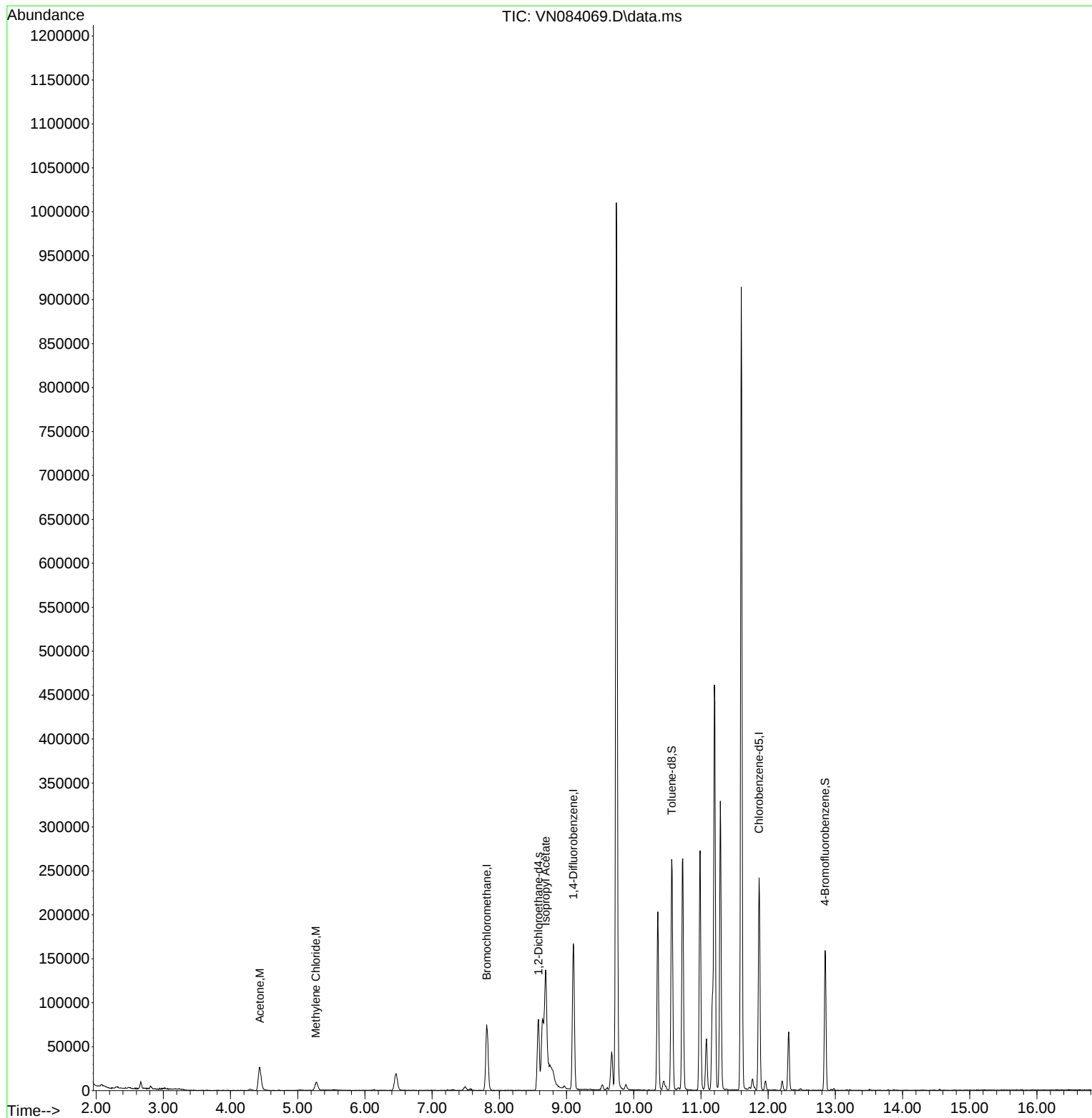
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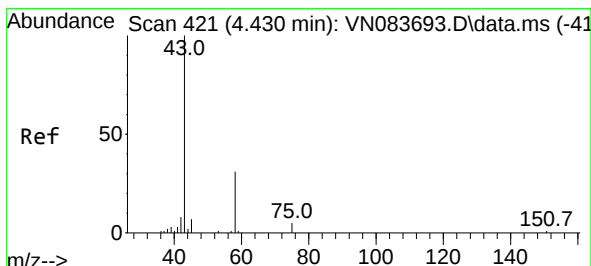
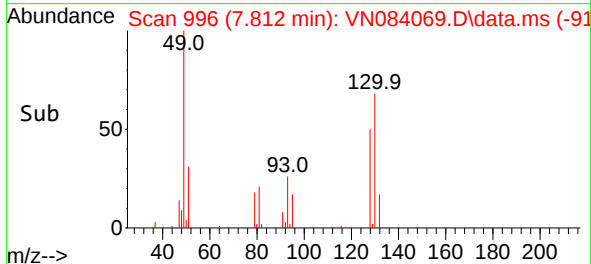
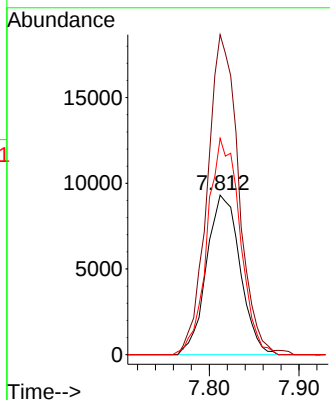
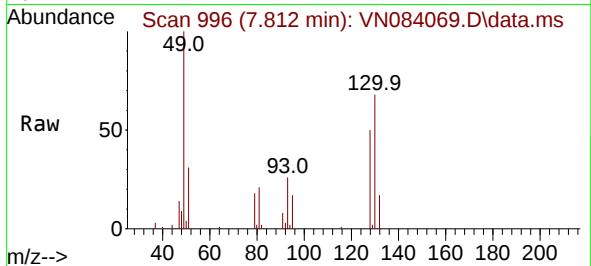
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN084069.D
Acq: 20 Sep 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :
PB163512ZHE#02

Tgt Ion:128 Resp: 2418
Ion Ratio Lower Upper
128 100
49 186.9 0.0 403.7
130 132.1 0.0 323.3

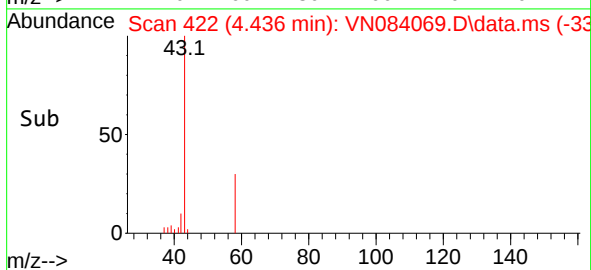
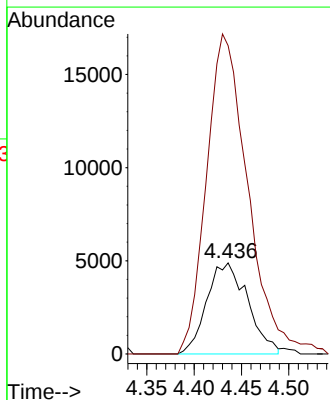
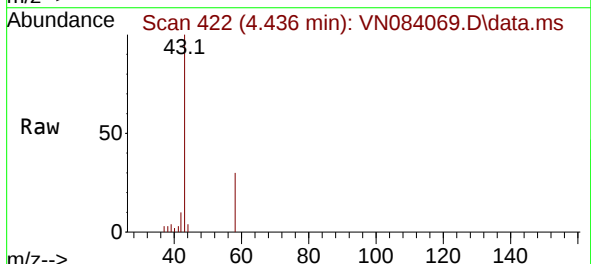
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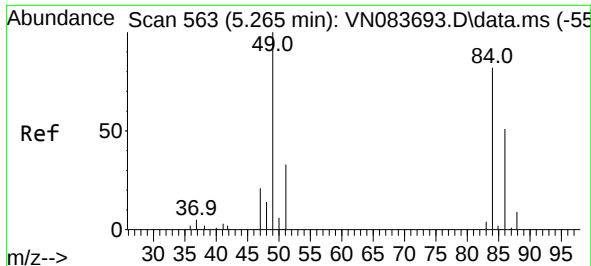
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#15
Acetone
Concen: 60.483 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN084069.D
Acq: 20 Sep 2024 14:45

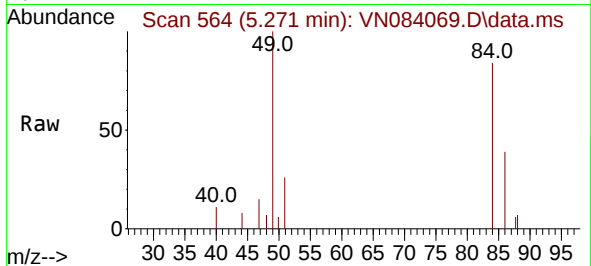
Tgt Ion: 58 Resp: 14720
Ion Ratio Lower Upper
58 100
43 339.0 223.1 334.7#





#18
Methylene Chloride
Concen: 4.385 ug/l
RT: 5.271 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN084069.D
Acq: 20 Sep 2024 14:45

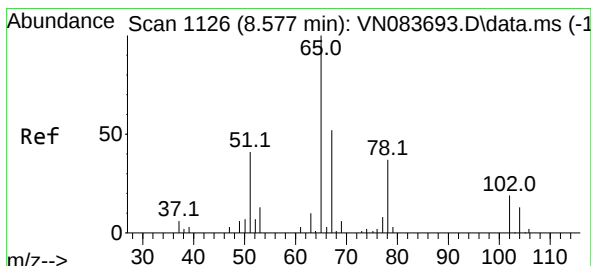
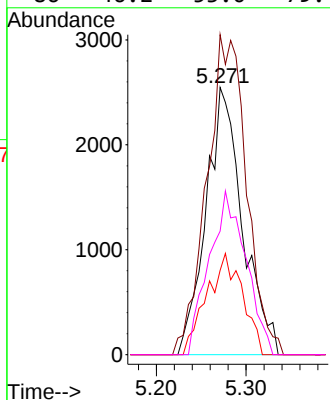
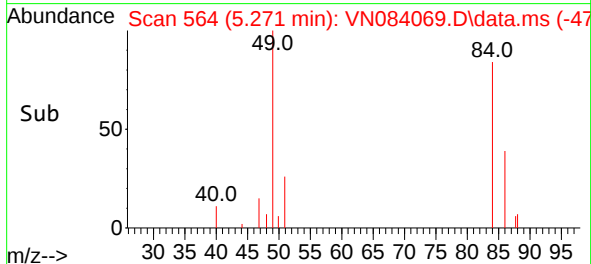
Instrument :
MSVOA_N
ClientSampleId :
PB163512ZHE#02



Tgt Ion: 84 Resp: 721
Ion Ratio Lower Upper
84 100
49 113.6 86.0 129.0
51 31.6 30.0 45.0
86 46.2 53.0 79.4#

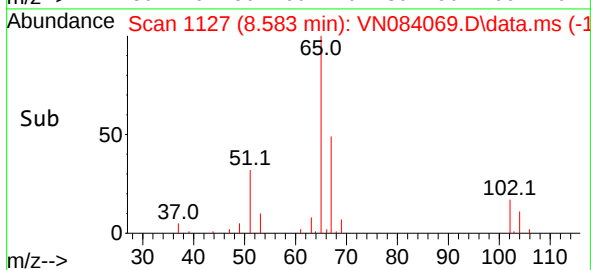
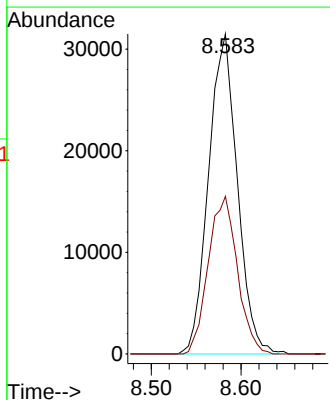
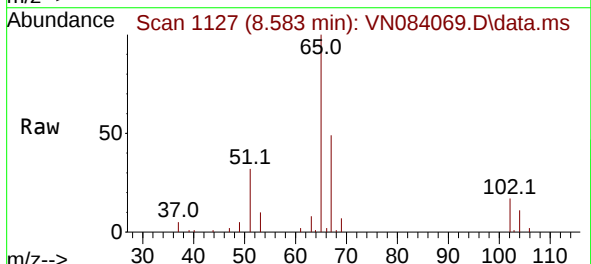
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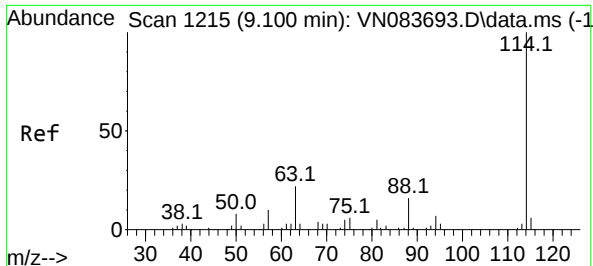
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#27
1,2-Dichloroethane-d4
Concen: 31.694 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084069.D
Acq: 20 Sep 2024 14:45

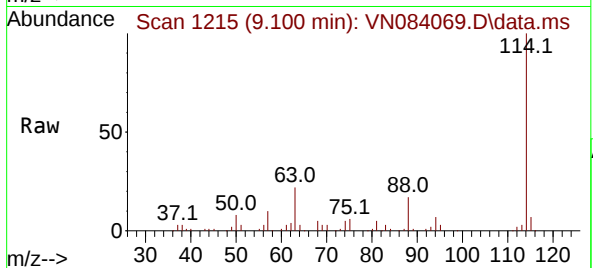
Tgt Ion: 65 Resp: 70071
Ion Ratio Lower Upper
65 100
67 49.9 43.2 64.8





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084069.D
Acq: 20 Sep 2024 14:45

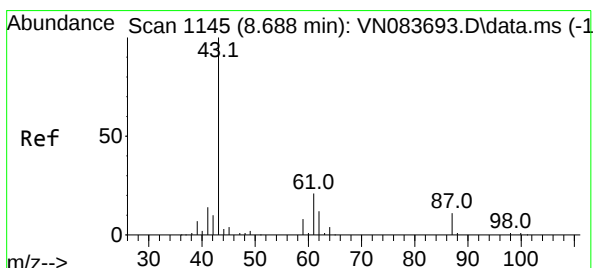
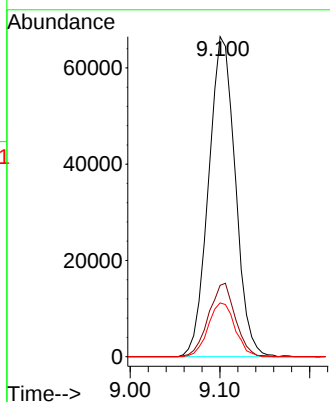
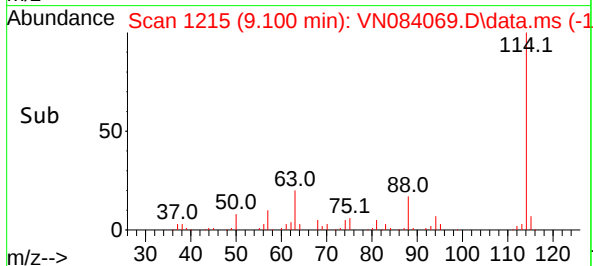
Instrument :
MSVOA_N
ClientSampleId :
PB163512ZHE#02



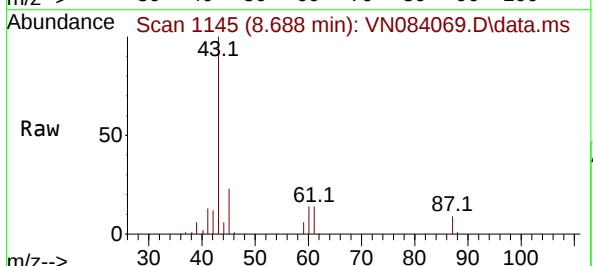
Tgt Ion:114 Resp: 137502
Ion Ratio Lower Upper
114 100
63 22.9 15.9 23.9
88 16.9 12.7 19.1

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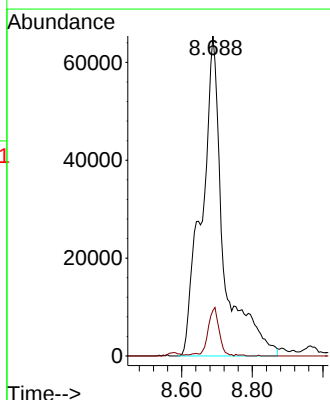
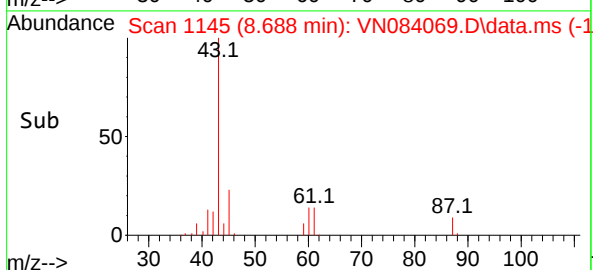
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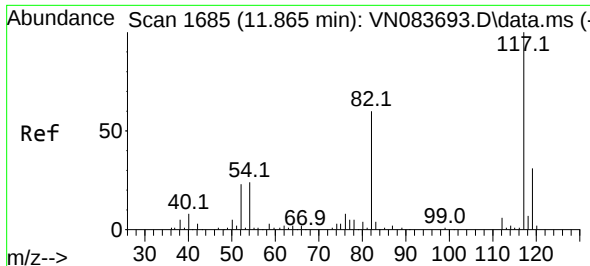


#44
Isopropyl Acetate
Concen: 78.924 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084069.D
Acq: 20 Sep 2024 14:45



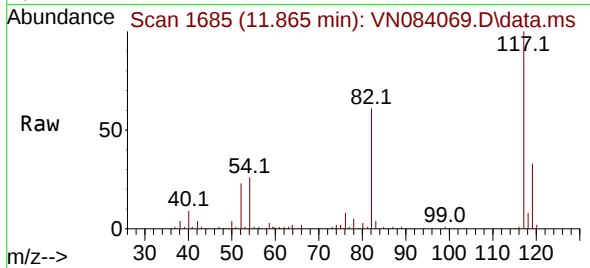
Tgt Ion: 43 Resp: 282476
Ion Ratio Lower Upper
43 100
61 0.1 25.0 37.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084069.D
Acq: 20 Sep 2024 14:45

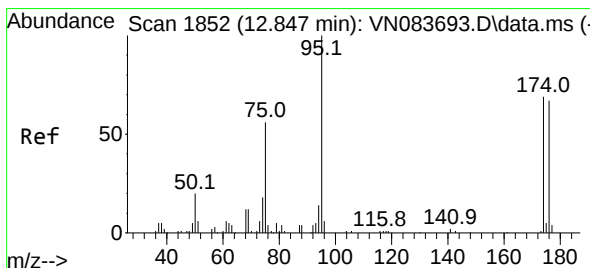
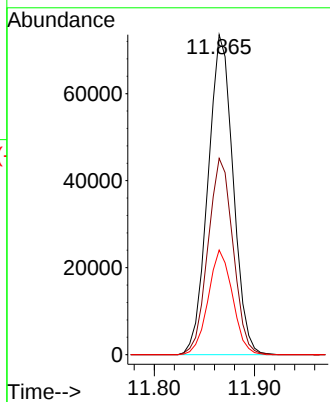
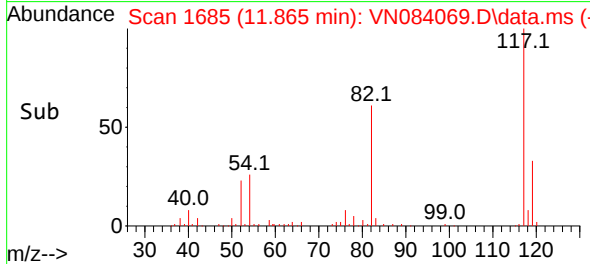
Instrument :
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PB163512ZHE#02



Tgt Ion: 117 Resp: 128044
Ion Ratio Lower Upper
117 100
82 61.3 46.6 69.8
119 31.7 25.4 38.2

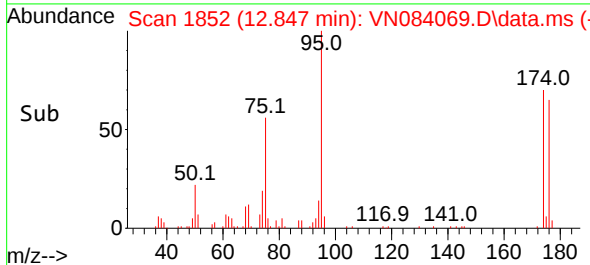
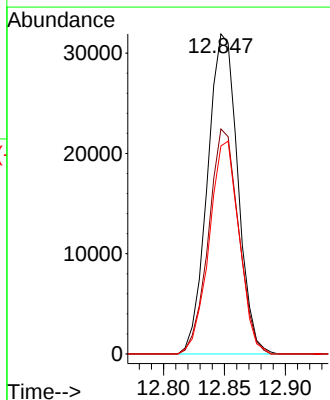
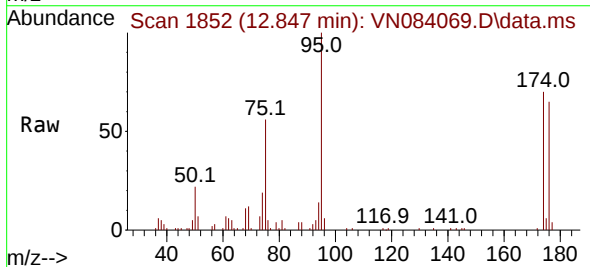
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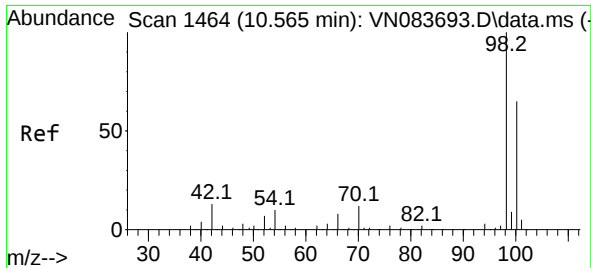
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#60
4-Bromofluorobenzene
Concen: 25.011 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084069.D
Acq: 20 Sep 2024 14:45

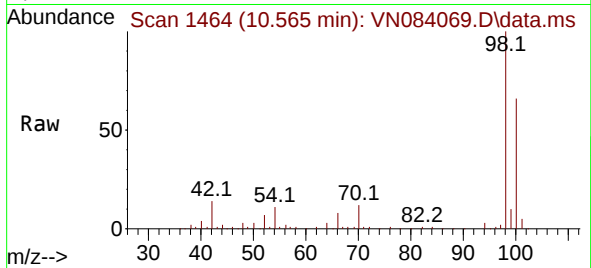
Tgt Ion: 95 Resp: 55194
Ion Ratio Lower Upper
95 100
174 69.7 60.5 90.7
176 65.7 57.8 86.6





#63
Toluene-d8
Concen: 29.378 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN084069.D
Acq: 20 Sep 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :
PB163512ZHE#02



Tgt Ion: 98 Resp: 17418
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1

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