

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
 Data File : VL041064.D
 Acq On : 9 Feb 2024 19:04
 Operator : SY/MD
 Sample : P1420-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2RDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

Quant Time: Feb 12 00:49:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Feb 12 00:40:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1228351	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.648	114	3246730	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2820933	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2142095	10.054	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%
Target Compounds						
						Qvalue
13) Ethanol	3.237	45	625301	38.716	ppbv	93
15) Acetone	3.475	43	114857	0.731	ppbv	100
19) Isopropyl Alcohol	3.587	45	107493m	1.182	ppbv	
20) Methylene Chloride	3.931	84	173598	2.872	ppbv	91
26) Hexane	5.211	57	142358	1.173	ppbv #	39

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

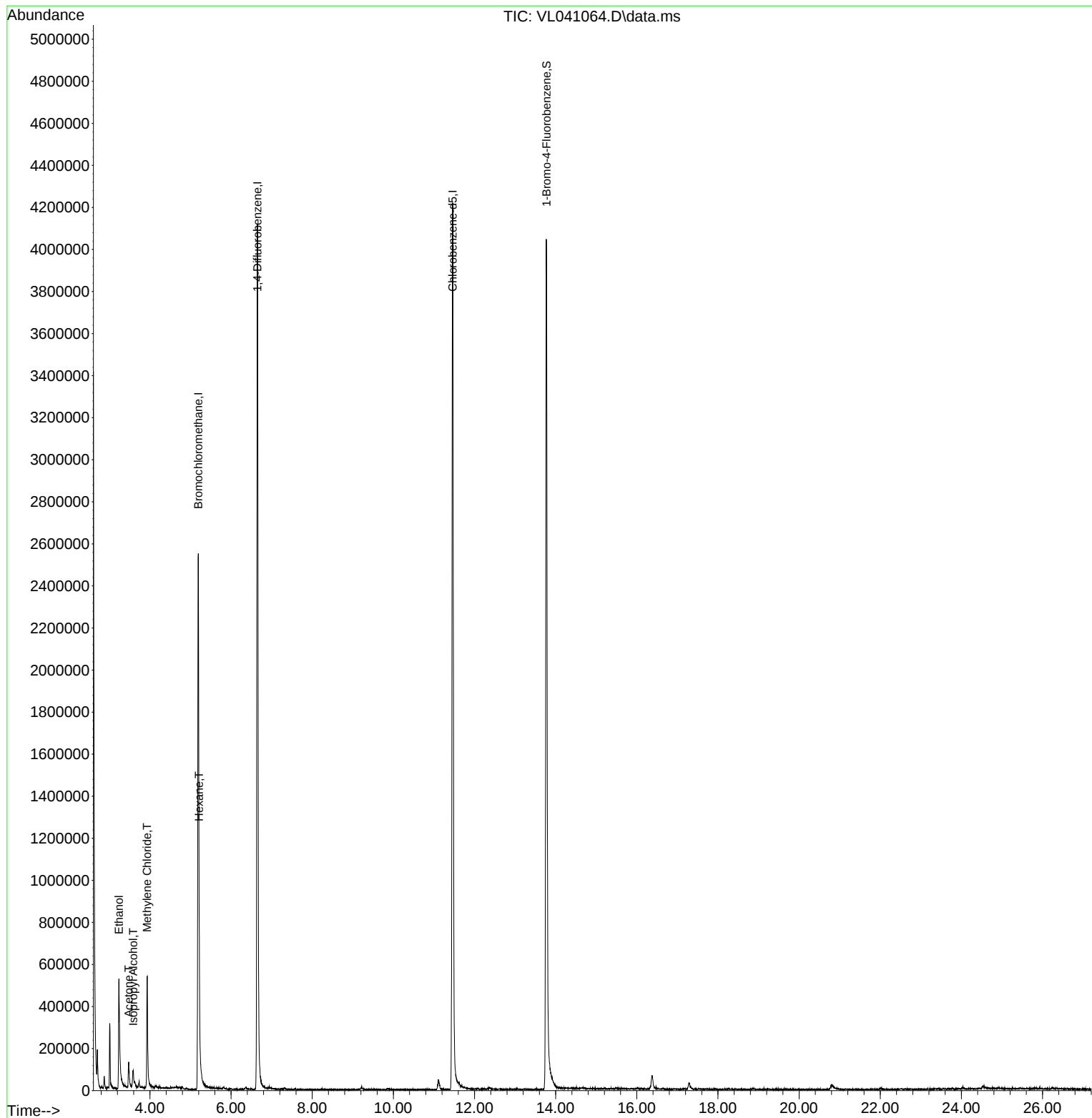
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
Data File : VL041064.D
Acq On : 9 Feb 2024 19:04
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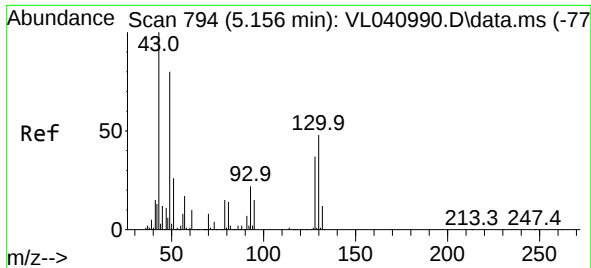
Instrument :
MSVOA_L
ClientSampleId :
IA2RDL

Quant Time: Feb 12 00:49:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Feb 12 00:40:04 2024
Response via : Initial Calibration

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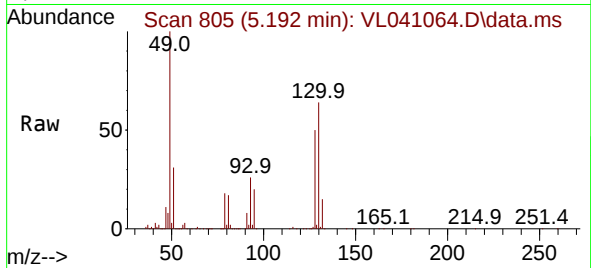
Reviewed By :Semsettin Yesilyurt 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL041064.D
Acq: 9 Feb 2024 19:04

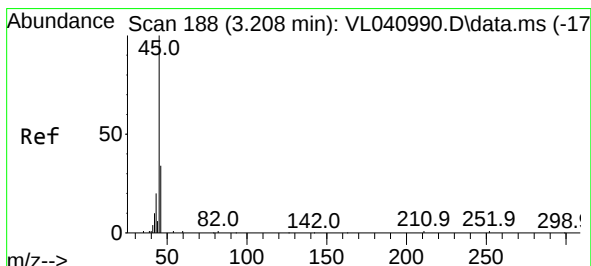
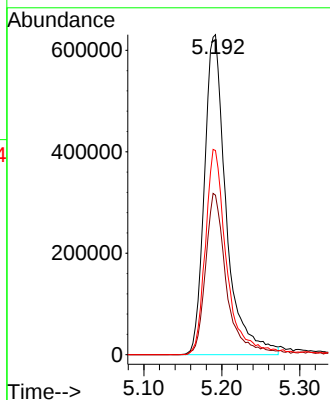
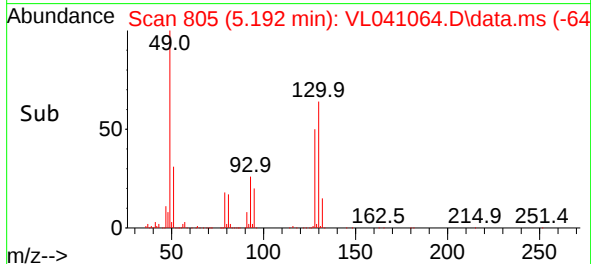
Instrument :
MSVOA_L
ClientSampleId :
IA2RDL



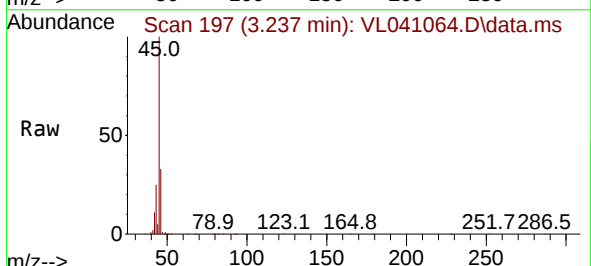
Tgt Ion: 49 Resp: 122835
Ion Ratio Lower Upper
49 100
128 49.9 23.9 71.7
130 64.6 31.1 93.5

Manual Integrations
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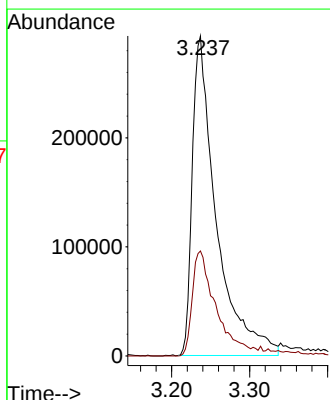
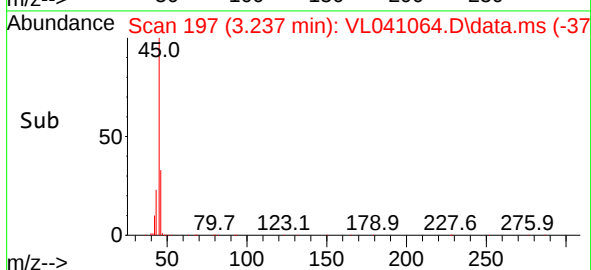
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Supervised By :Mahesh Dadoda 02/12/2024

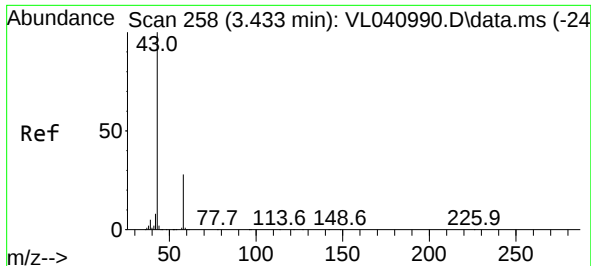


#13
Ethanol
Concen: 38.716 ppbv
RT: 3.237 min Scan# 197
Delta R.T. 0.013 min
Lab File: VL041064.D
Acq: 9 Feb 2024 19:04



Tgt Ion: 45 Resp: 625301
Ion Ratio Lower Upper
45 100
46 36.0 16.2 64.8





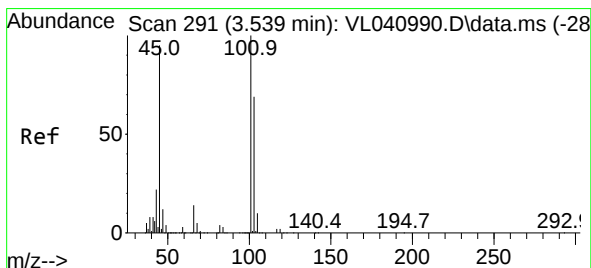
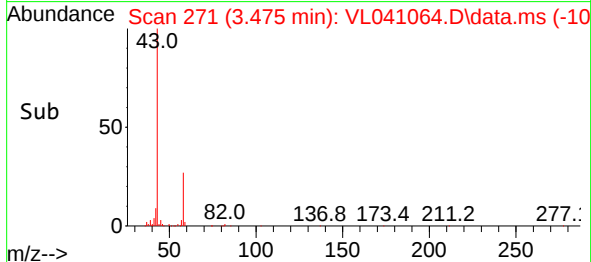
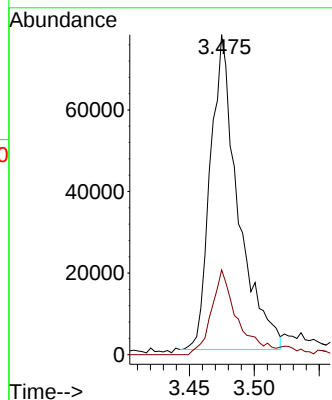
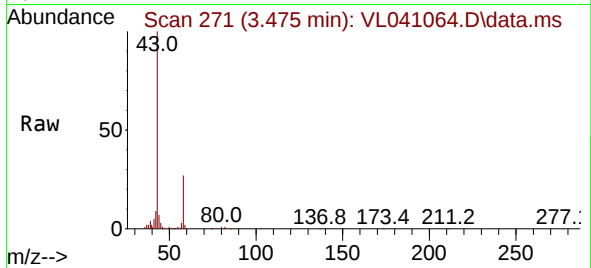
#15
Acetone
Concen: 0.731 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL041064.D
Acq: 9 Feb 2024 19:04

Instrument :
MSVOA_L
ClientSampleId :
IA2RDL

Tgt Ion: 43 Resp: 11485
Ion Ratio Lower Upper
43 100
58 27.5 22.2 33.2

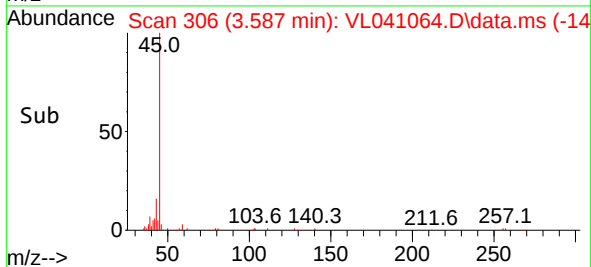
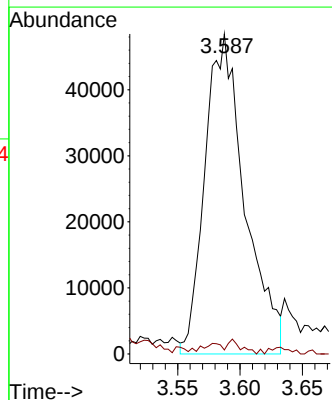
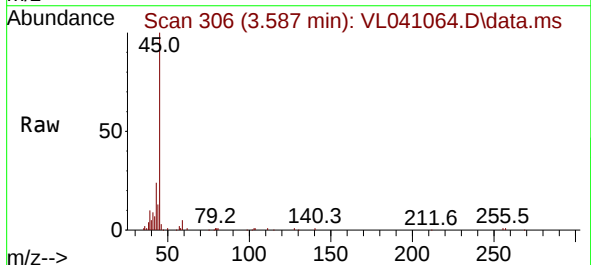
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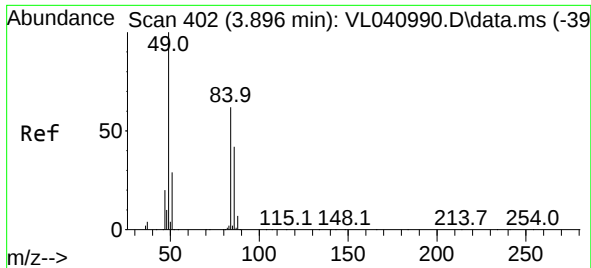
Reviewed By :Semsettin Yesilyurt 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#19
Isopropyl Alcohol
Concen: 1.182 ppbv m
RT: 3.587 min Scan# 306
Delta R.T. 0.026 min
Lab File: VL041064.D
Acq: 9 Feb 2024 19:04

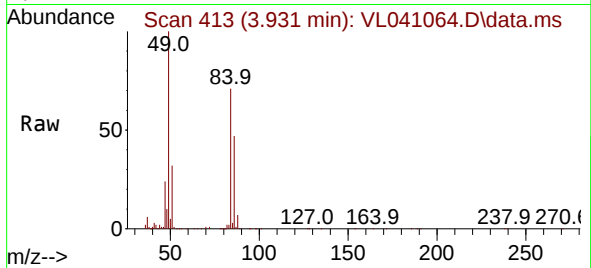
Tgt Ion: 45 Resp: 107493
Ion Ratio Lower Upper
45 100
58 4.0 2.2 3.4#





#20
Methylene Chloride
Concen: 2.872 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.013 min
Lab File: VL041064.D
Acq: 9 Feb 2024 19:04

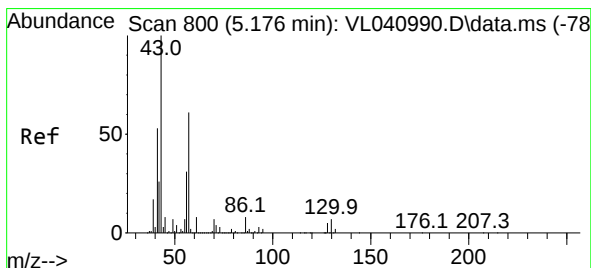
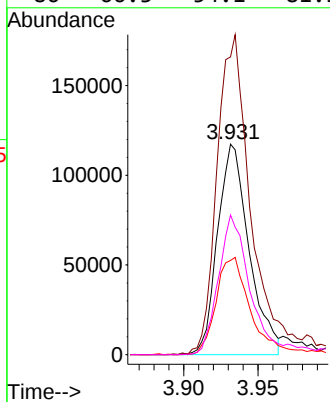
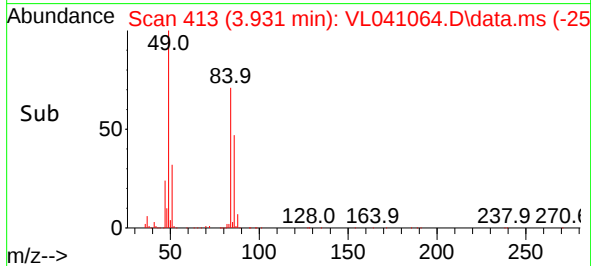
Instrument :
MSVOA_L
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Tgt Ion: 84 Resp: 173598
Ion Ratio Lower Upper
84 100
49 141.2 128.1 192.1
51 44.7 36.5 54.7
86 66.3 54.1 81.1

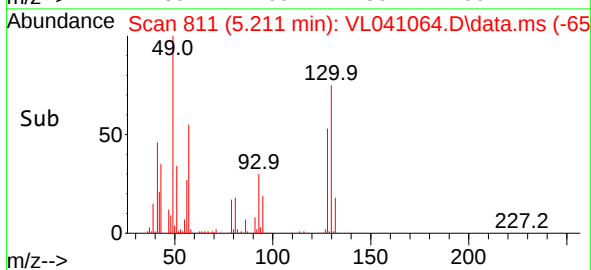
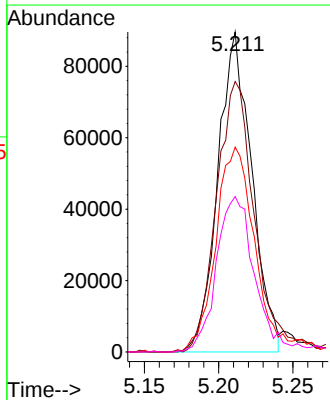
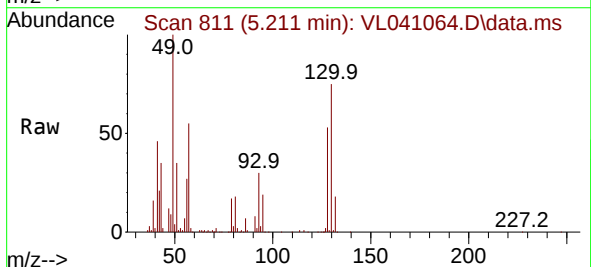
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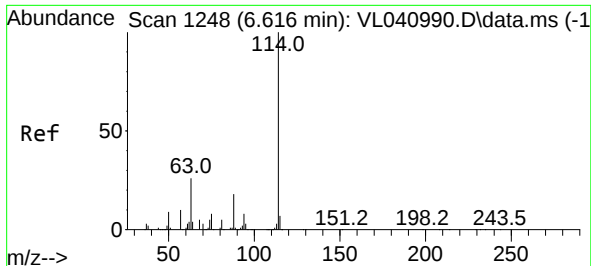
Reviewed By :Semsettin Yesilyurt 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#26
Hexane
Concen: 1.173 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL041064.D
Acq: 9 Feb 2024 19:04

Tgt Ion: 57 Resp: 142358
Ion Ratio Lower Upper
57 100
41 97.3 74.4 111.6
43 75.5 190.6 285.8#
56 56.3 43.0 64.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL041064.D

Acq: 9 Feb 2024 19:04

Instrument :

MSVOA_L

ClientSampleId :

IA2RDL

Tgt Ion:114 Resp: 3246730

Ion Ratio Lower Upper

114 100

63 24.6 20.8 31.2

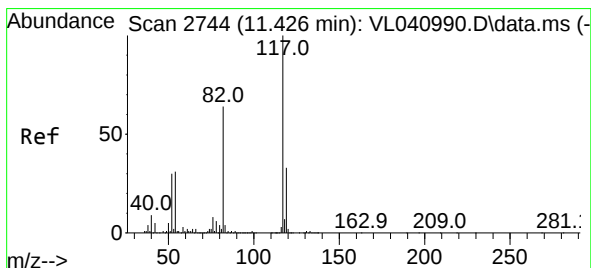
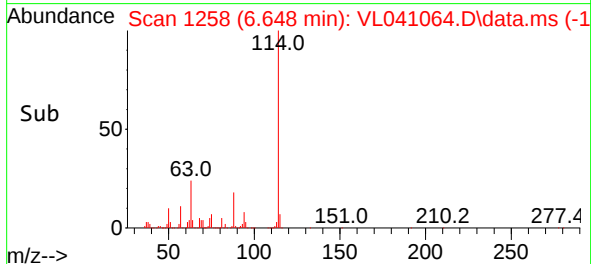
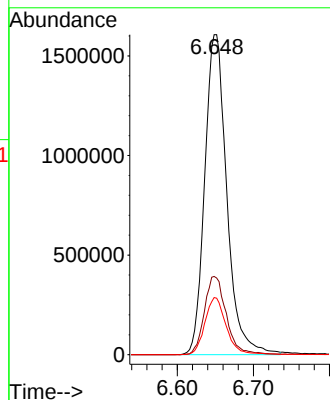
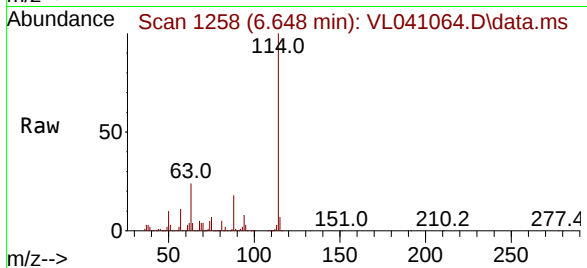
88 17.4 14.3 21.5

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. 0.010 min

Lab File: VL041064.D

Acq: 9 Feb 2024 19:04

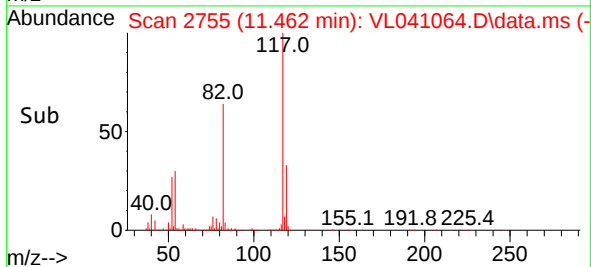
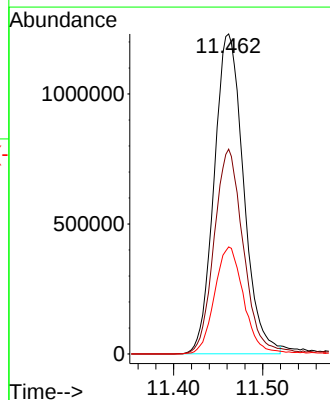
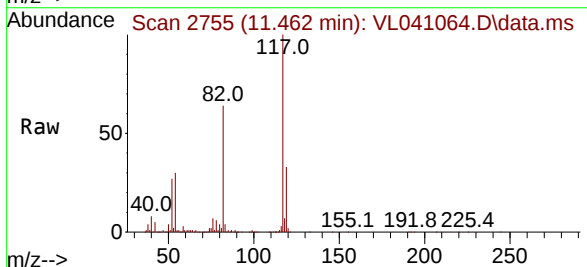
Tgt Ion:117 Resp: 2820933

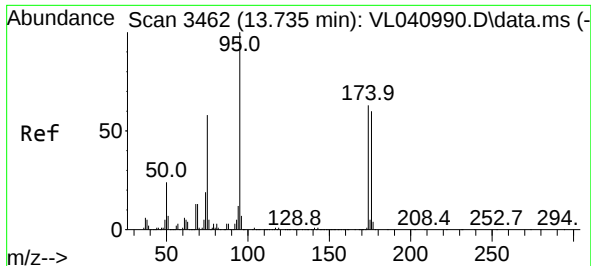
Ion Ratio Lower Upper

117 100

82 65.3 51.7 77.5

119 33.7 23.8 35.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.054 ppbv
 RT: 13.773 min Scan# 3462
 Delta R.T. 0.013 min
 Lab File: VL041064.D
 Acq: 9 Feb 2024 19:04

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2RDL

Tgt Ion: 95 Resp: 2142099
 Ion Ratio Lower Upper
 95 100
 174 63.9 49.1 73.7
 175 4.8 3.7 5.5

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