

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039751.D
 Acq On : 21 Oct 2022 19:57
 Operator : SY/AP
 Sample : N5259-01 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 04:25:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	879031	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2601422	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2225110	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1602101	10.143	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
					Qvalue	
13) Ethanol	3.269	45	16279m	4.672	ppbv	
15) Acetone	3.494	43	50113m	0.472	ppbv	
19) Isopropyl Alcohol	3.607	45	5248m	0.101	ppbv	
20) Methylene Chloride	3.944	84	30573	0.716	ppbv	93
26) Hexane	5.214	57	33825	0.391	ppbv #	37

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

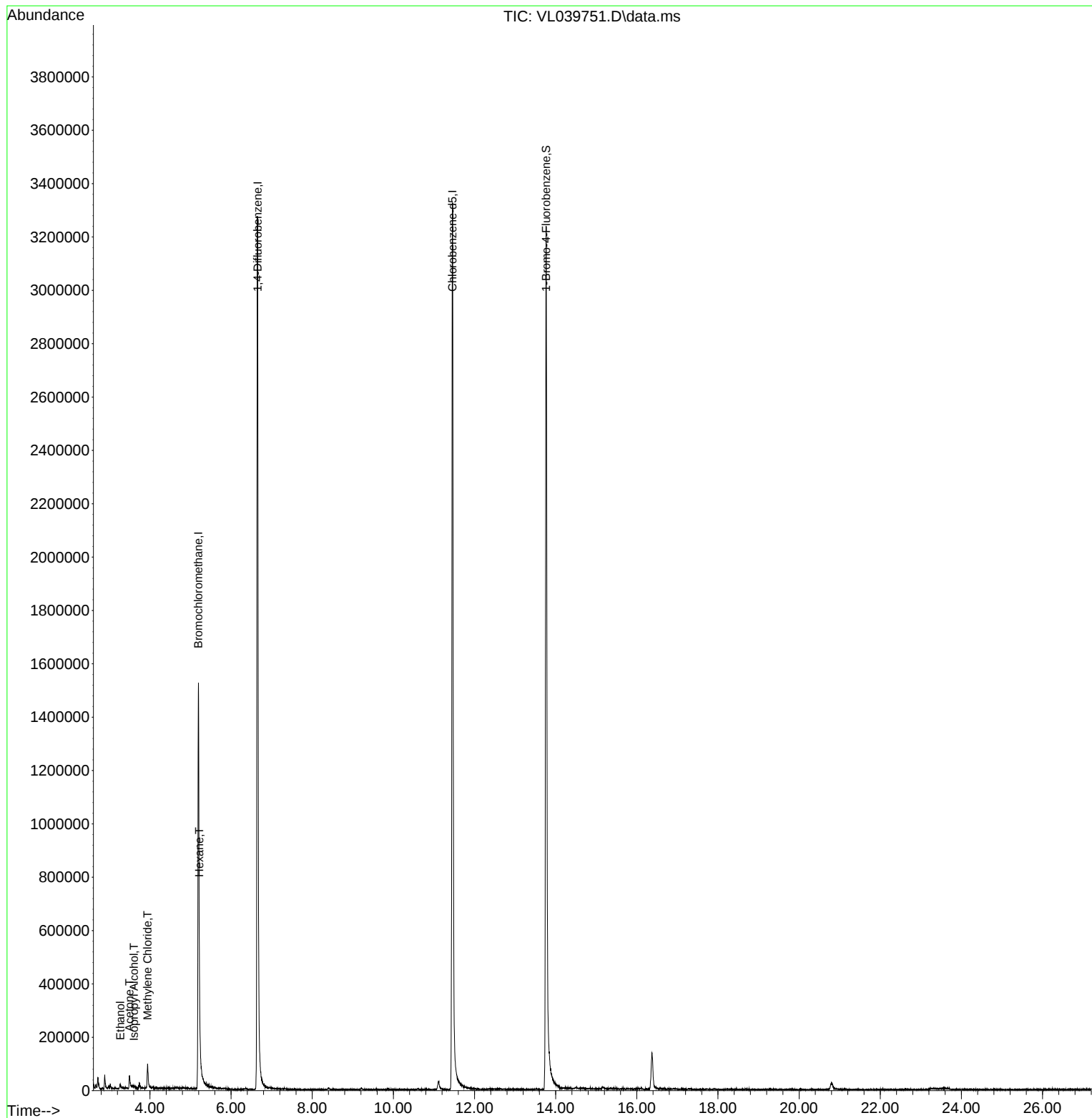
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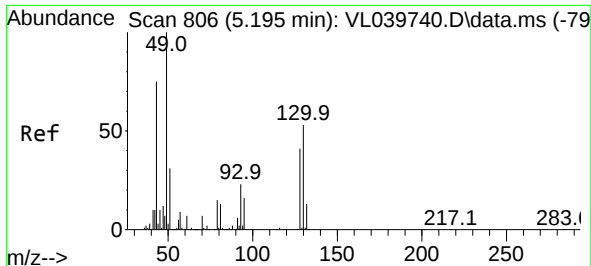
Instrument :
MSVOA_L
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IA-1

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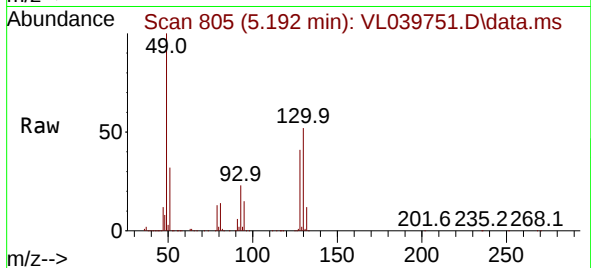
Reviewed By : Semsettin Yesilyurt 10/24/2022
Supervised By : Mahesh Dadoda 10/24/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL039751.D
Acq: 21 Oct 2022 19:57

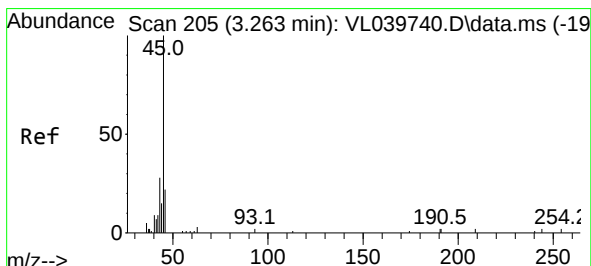
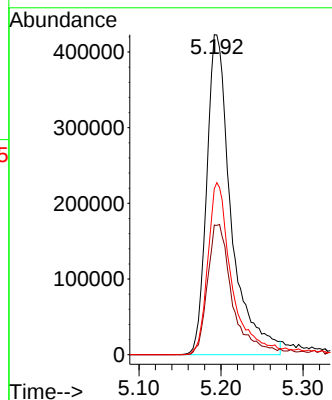
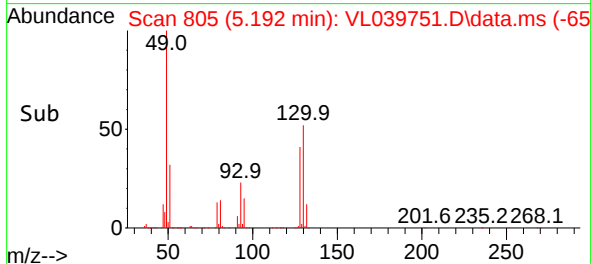
Instrument :
MSVOA_L
ClientSampleId :
IA-1



Tgt Ion: 49 Resp: 87903
Ion Ratio Lower Upper
49 100
128 42.4 22.6 67.8
130 55.2 29.0 87.0

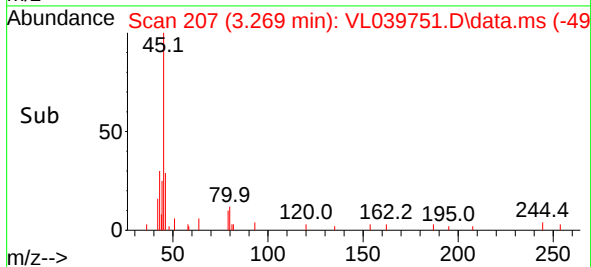
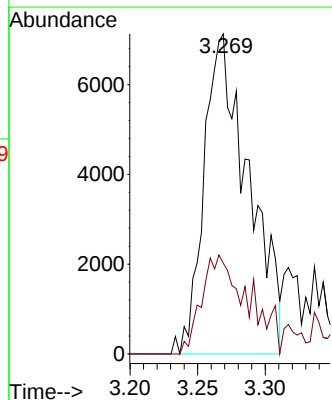
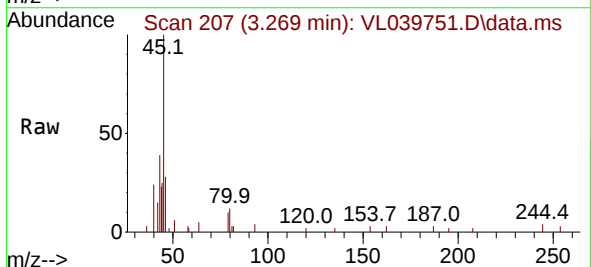
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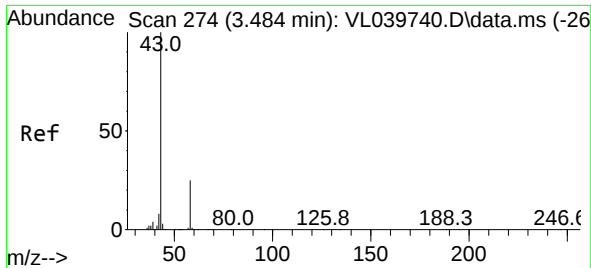
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#13
Ethanol
Concen: 4.672 ppbv m
RT: 3.269 min Scan# 207
Delta R.T. 0.006 min
Lab File: VL039751.D
Acq: 21 Oct 2022 19:57

Tgt Ion: 45 Resp: 16279
Ion Ratio Lower Upper
45 100
46 32.2 14.8 59.2





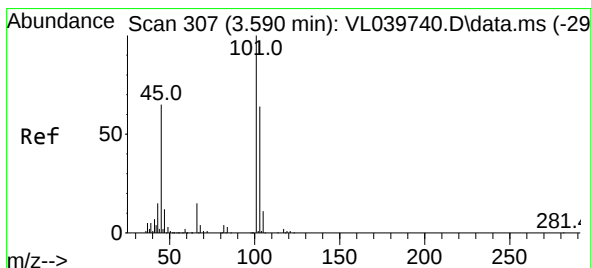
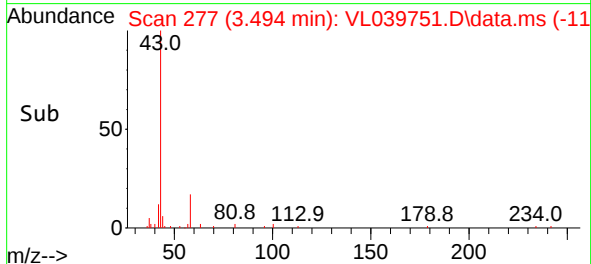
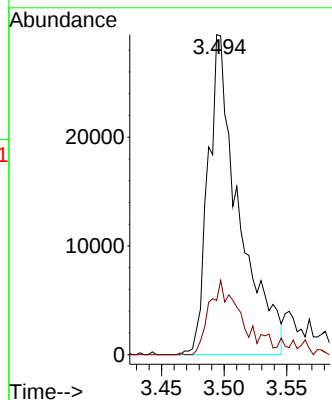
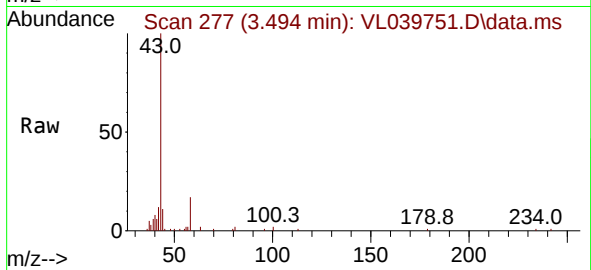
#15
Acetone
Concen: 0.472 ppbv m
RT: 3.494 min Scan# 211
Delta R.T. 0.010 min
Lab File: VL039751.D
Acq: 21 Oct 2022 19:57

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 43 Resp: 5011
Ion Ratio Lower Upper
43 100
58 27.6 20.9 31.3

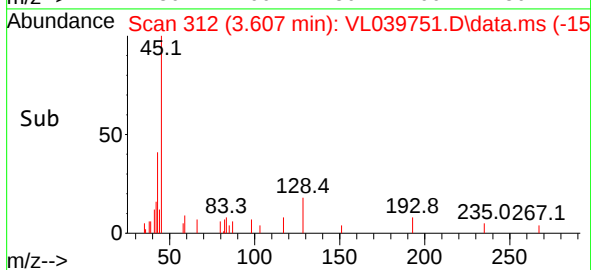
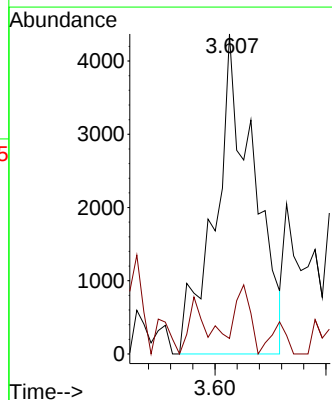
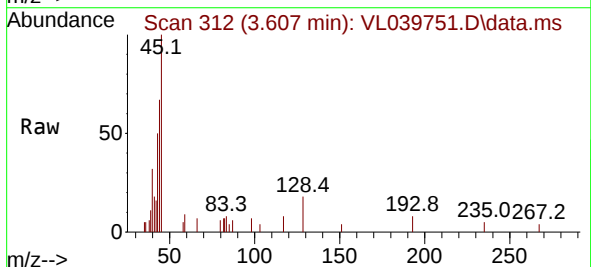
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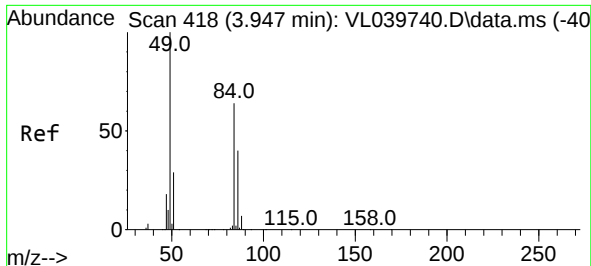
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#19
Isopropyl Alcohol
Concen: 0.101 ppbv m
RT: 3.607 min Scan# 312
Delta R.T. 0.016 min
Lab File: VL039751.D
Acq: 21 Oct 2022 19:57

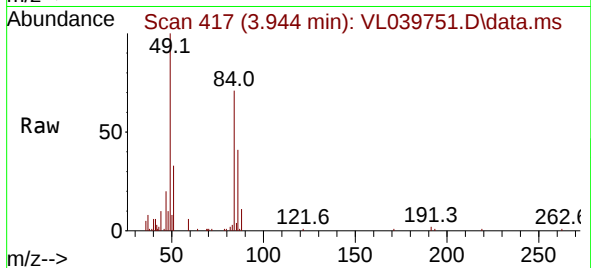
Tgt Ion: 45 Resp: 5248
Ion Ratio Lower Upper
45 100
58 0.0 3.3 4.9#





#20
Methylene Chloride
Concen: 0.716 ppbv
RT: 3.944 min Scan# 418
Delta R.T. -0.003 min
Lab File: VL039751.D
Acq: 21 Oct 2022 19:57

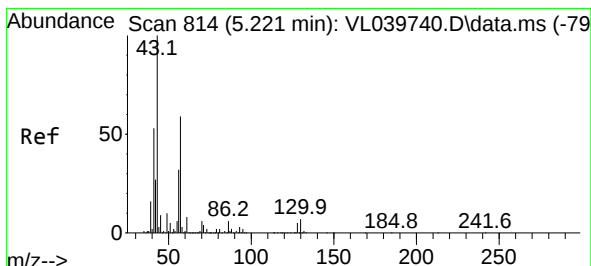
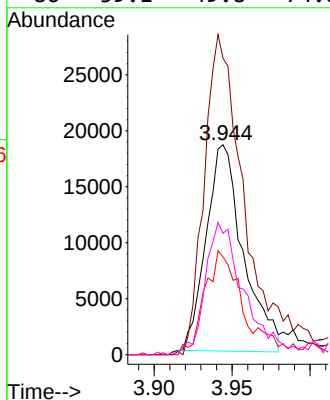
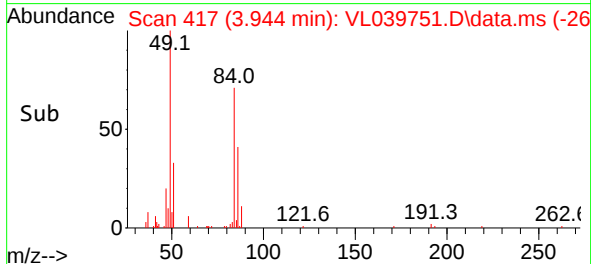
Instrument :
MSVOA_L
ClientSampleId :
IA-1



Tgt Ion	Ratio	Lower	Upper
84	100		
49	142.7	124.2	186.4
51	47.5	36.6	54.8
86	59.1	49.8	74.8

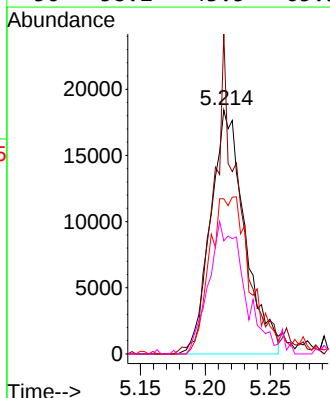
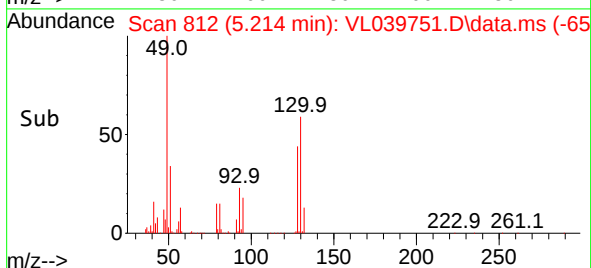
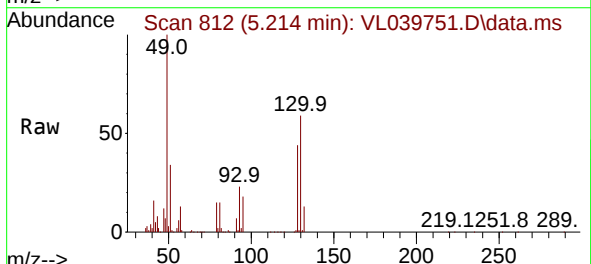
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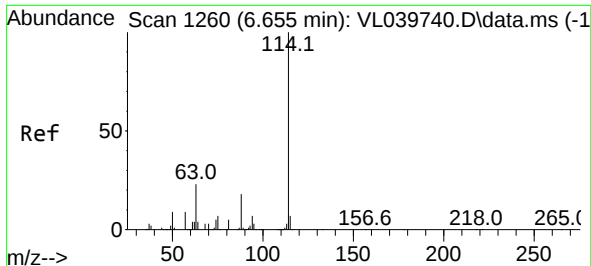
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#26
Hexane
Concen: 0.391 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.006 min
Lab File: VL039751.D
Acq: 21 Oct 2022 19:57

Tgt Ion	Ratio	Lower	Upper
57	100		
41	101.9	76.8	115.2
43	81.6	201.0	301.4#
56	58.2	43.5	65.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VL039751.D

Acq: 21 Oct 2022 19:57

Instrument :

MSVOA_L

ClientSampleId :

IA-1

Tgt Ion:114 Resp: 260142

Ion Ratio Lower Upper

114 100

63 25.2 19.8 29.6

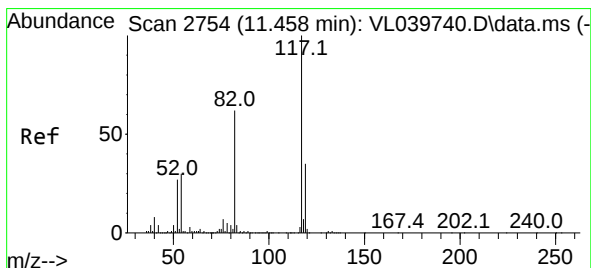
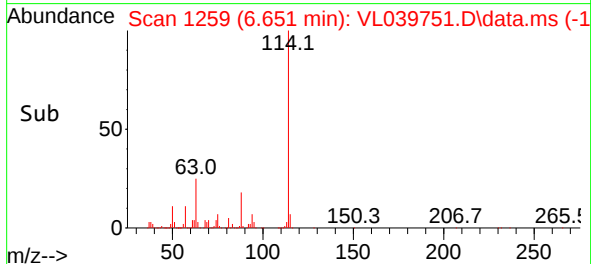
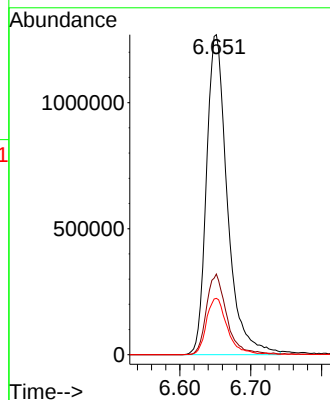
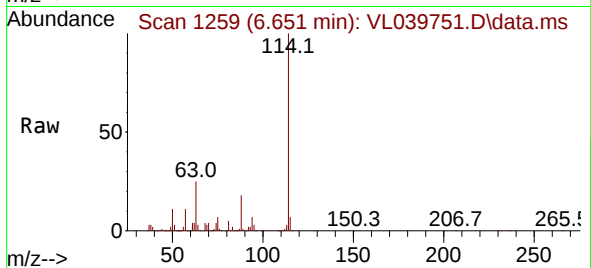
88 17.9 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 2754

Delta R.T. 0.000 min

Lab File: VL039751.D

Acq: 21 Oct 2022 19:57

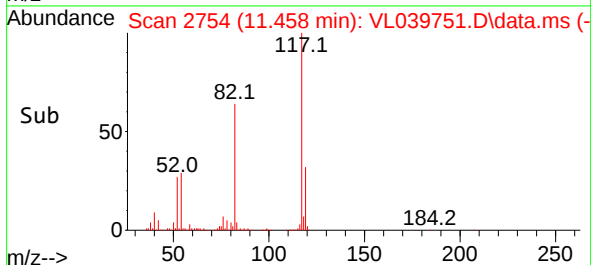
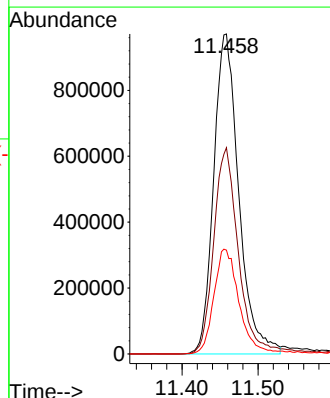
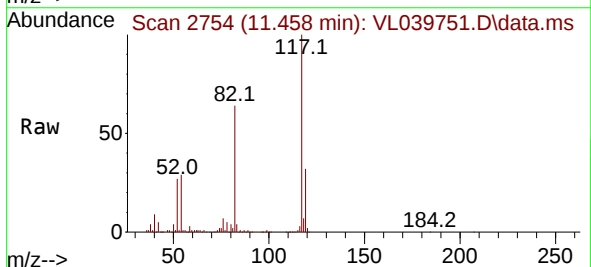
Tgt Ion:117 Resp: 2225110

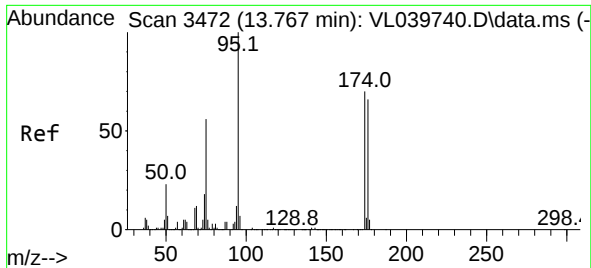
Ion Ratio Lower Upper

117 100

82 64.5 51.4 77.0

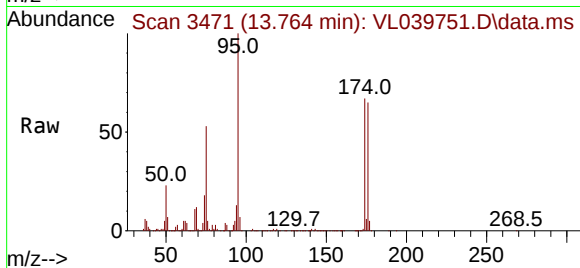
119 33.8 24.6 36.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.143 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.003 min
 Lab File: VL039751.D
 Acq: 21 Oct 2022 19:57

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1



Tgt Ion: 95 Resp: 160210
 Ion Ratio Lower Upper
 95 100
 174 71.6 56.5 84.7
 175 5.7 4.2 6.4

Manual Integrations
 APPROVED

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