

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039753.D
 Acq On : 21 Oct 2022 21:18
 Operator : SY/AP
 Sample : N5259-01
 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

Quant Time: Oct 22 04:26:33 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	5.198	49	723725	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2133791	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	1923788	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1360104	9.959	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.684	51	43806m	0.475	ppbv	
4) Chloromethane	2.825	50	38455	0.667	ppbv #	89
11) Trichlorofluoromethane	3.578	101	31093	0.276	ppbv	96
13) Ethanol	3.269	45	172164	60.013	ppbv	98
15) Acetone	3.488	43	462686	5.295	ppbv	97
19) Isopropyl Alcohol	3.603	45	82970m	1.944	ppbv	
20) Methylene Chloride	3.948	84	135644	3.861	ppbv	94
26) Hexane	5.218	57	351955	4.936	ppbv #	39
34) 2-Butanone	4.806	43	47965m	0.487	ppbv	
35) Carbon Tetrachloride	6.494	117	10235m	0.093	ppbv	
36) Benzene	6.369	78	27698	0.172	ppbv #	95
53) Toluene	9.221	91	60647m	0.349	ppbv	

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

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Misc : 400mL/MSVOA_L
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Instrument :
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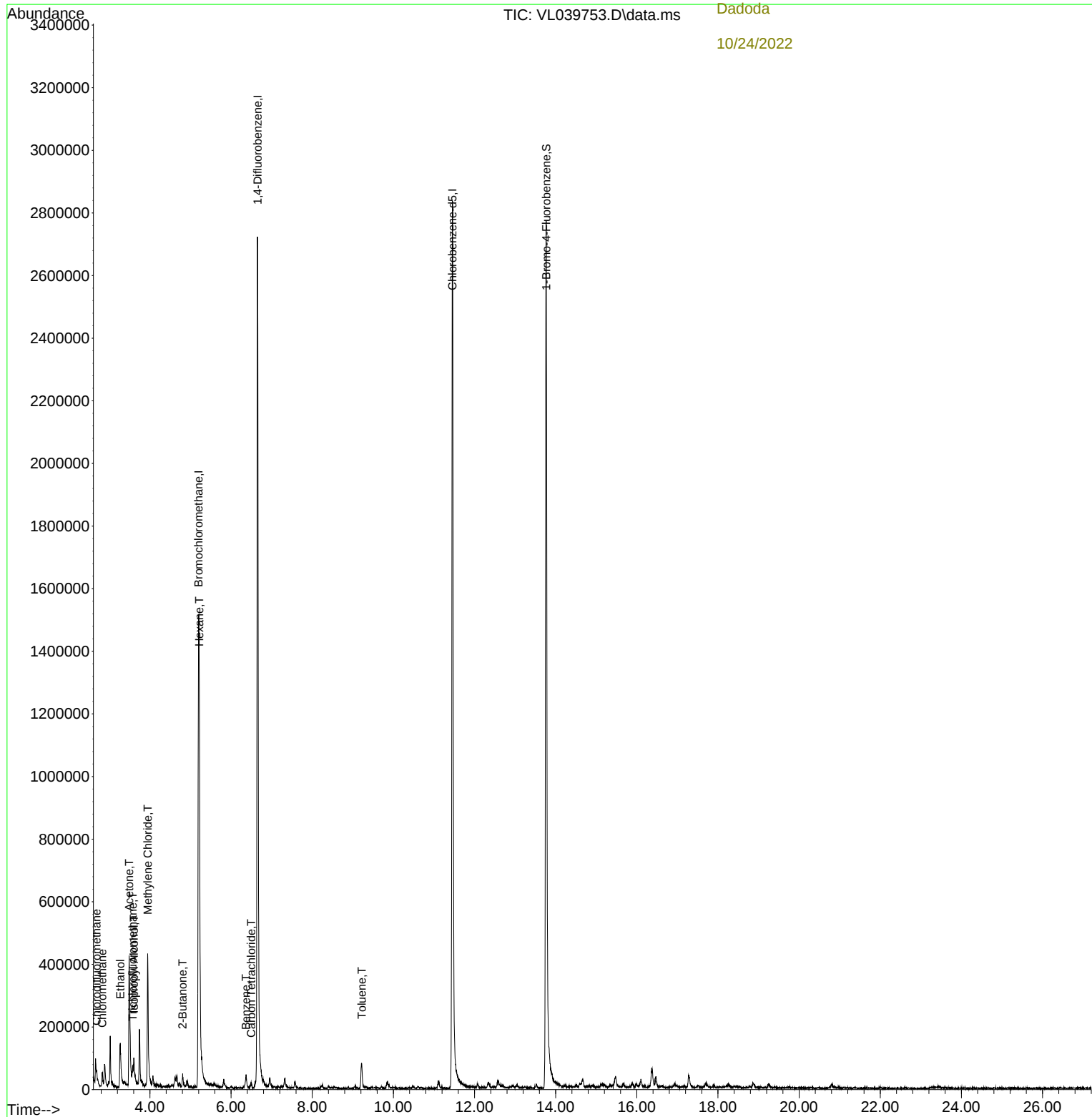
Quant Time: Oct 22 04:26:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Sat Oct 22 02:12:34 2022
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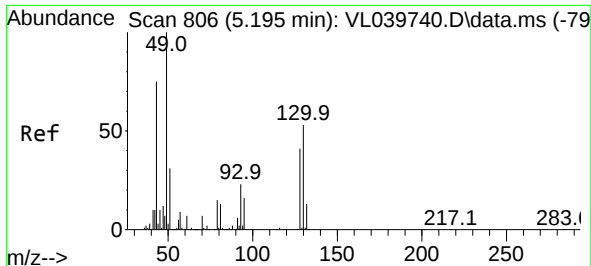
Manual Integrations
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Dadoda

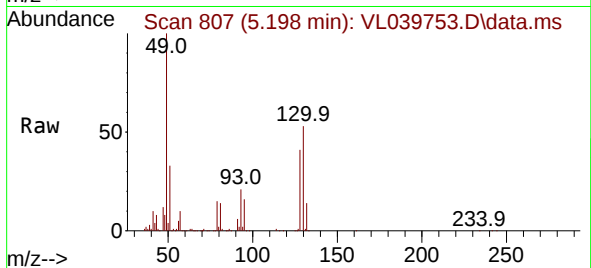
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

Instrument :
MSVOA_L
ClientSampleId :
IA-1



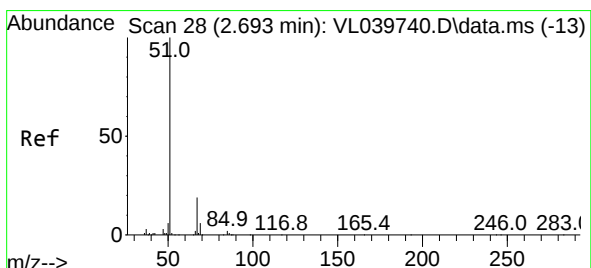
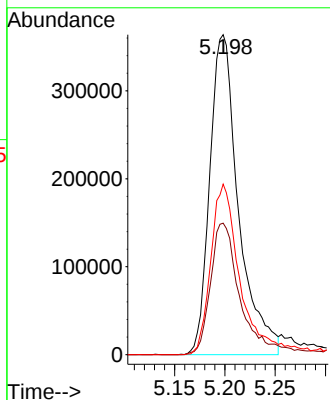
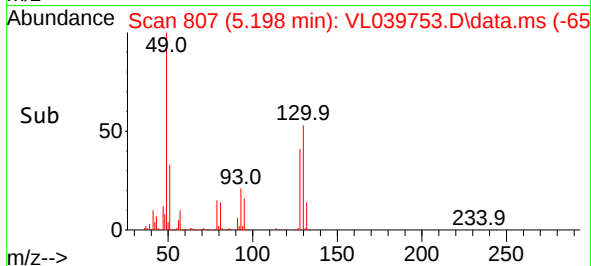
Tgt Ion: 49 Resp: 723725
Ion Ratio Lower Upper
49 100
128 44.2 22.6 67.8
130 56.9 29.0 87.0

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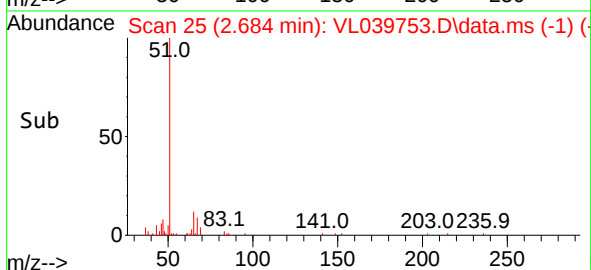
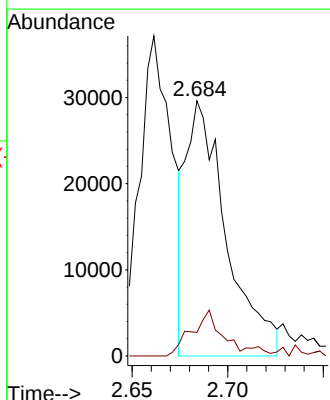
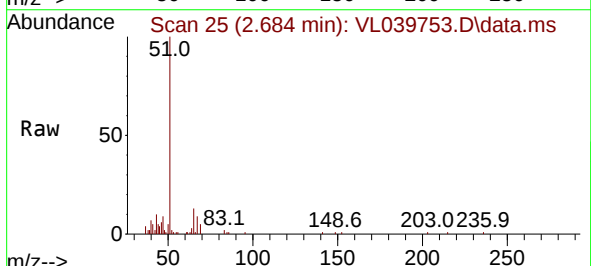
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Supervised By :Mahesh
Dadoda

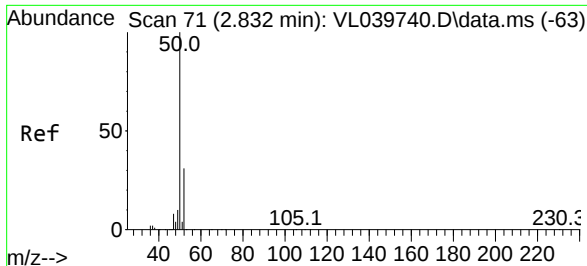
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#3
Chlorodifluoromethane
Concen: 0.475 ppbv m
RT: 2.684 min Scan# 25
Delta R.T. -0.009 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

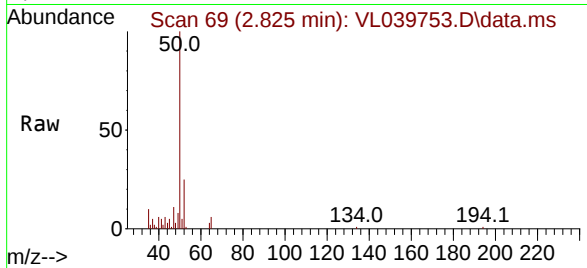
Tgt Ion: 51 Resp: 43806
Ion Ratio Lower Upper
51 100
67 16.5 14.6 21.8





#4
Chloromethane
Concen: 0.667 ppbv
RT: 2.825 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

Instrument :
MSVOA_L
ClientSampleId :
IA-1



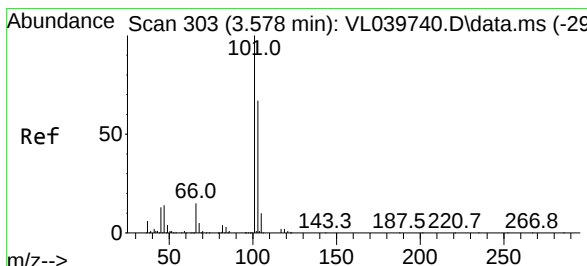
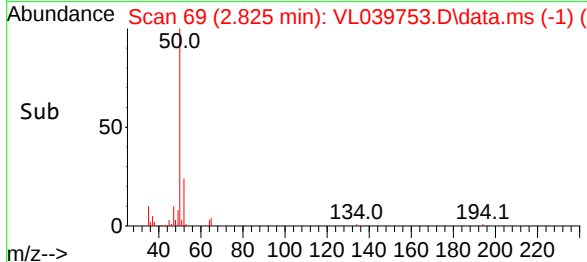
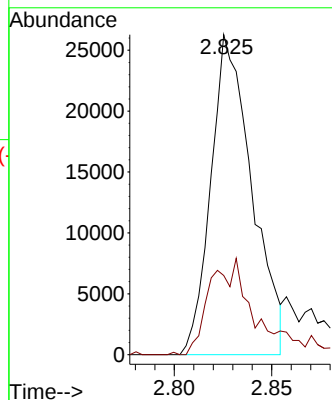
Tgt Ion: 50 Resp: 3845
Ion Ratio Lower Upper
50 100
52 24.7 24.8 37.2

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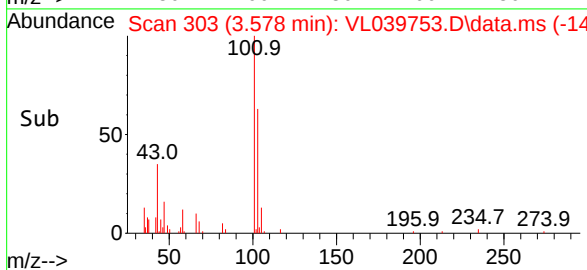
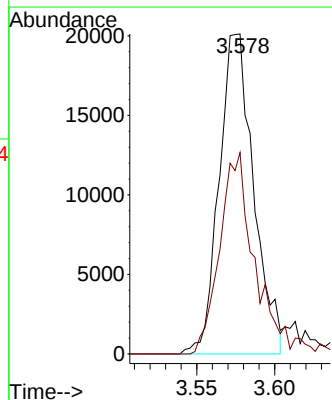
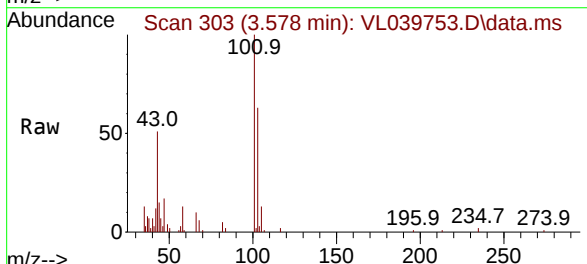
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Supervised By :Mahesh
Dadoda

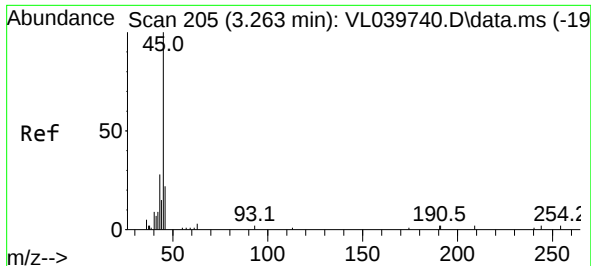
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#11
Trichlorofluoromethane
Concen: 0.276 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.000 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

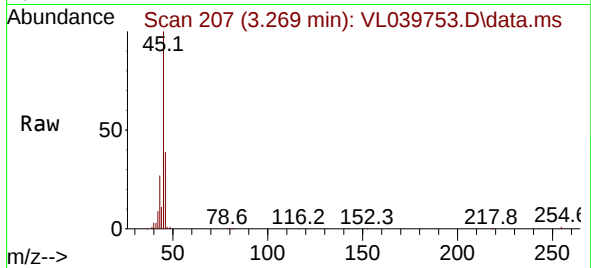
Tgt Ion:101 Resp: 31093
Ion Ratio Lower Upper
101 100
103 63.0 53.2 79.8





#13
Ethanol
Concen: 60.013 ppbv
RT: 3.269 min Scan# 205
Delta R.T. 0.007 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

Instrument :
MSVOA_L
ClientSampleId :
IA-1



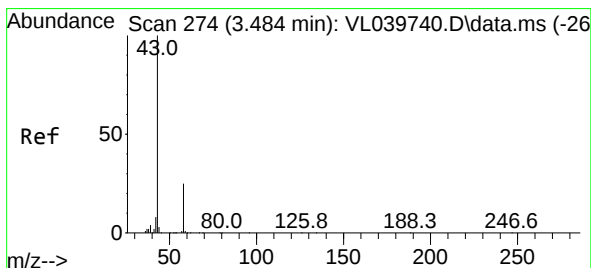
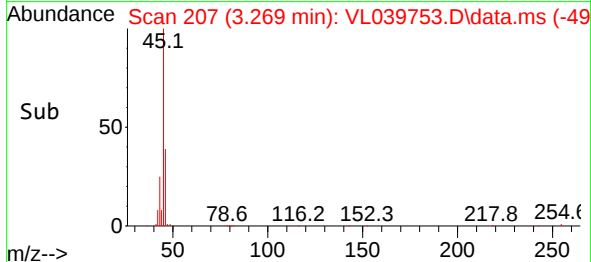
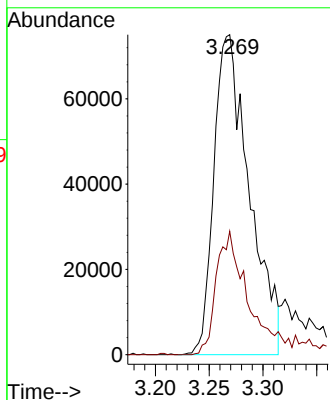
Tgt Ion: 45 Resp: 172164
Ion Ratio Lower Upper
45 100
46 38.3 14.8 59.2

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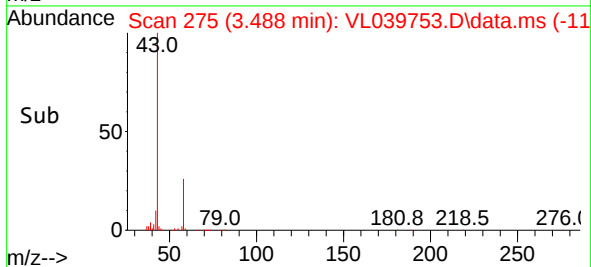
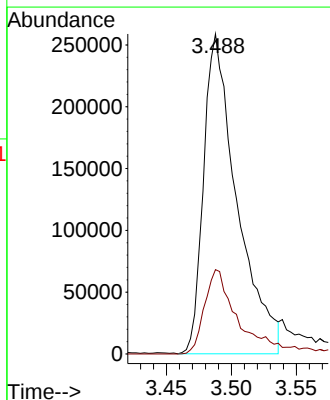
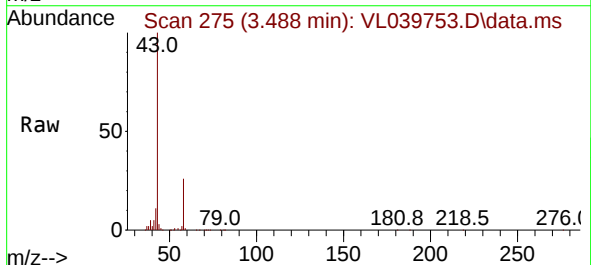
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Dadoda

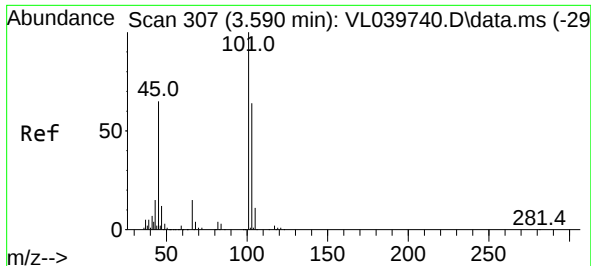
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#15
Acetone
Concen: 5.295 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.003 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

Tgt Ion: 43 Resp: 462686
Ion Ratio Lower Upper
43 100
58 27.8 20.9 31.3





#19

Isopropyl Alcohol

Concen: 1.944 ppbv m

RT: 3.603 min Scan# 311

Delta R.T. 0.013 min

Lab File: VL039753.D

Acq: 21 Oct 2022 21:18

Instrument :

MSVOA_L

ClientSampleId :

IA-1

Tgt Ion: 45 Resp: 82970

Ion Ratio Lower Upper

45 100

58 8.4 3.3 4.9

Manual Integrations

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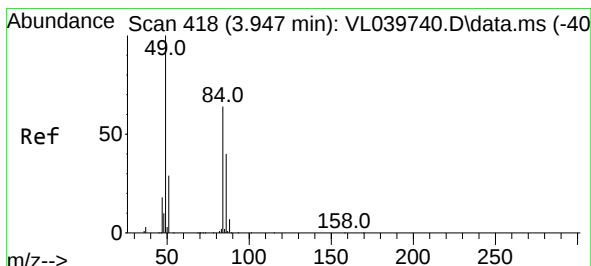
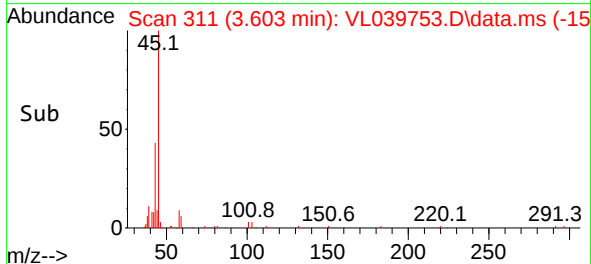
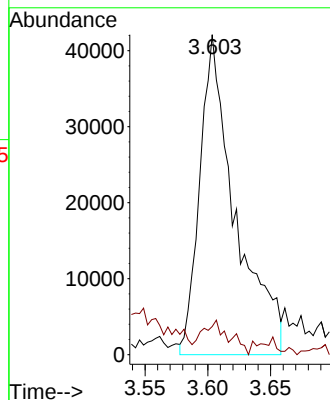
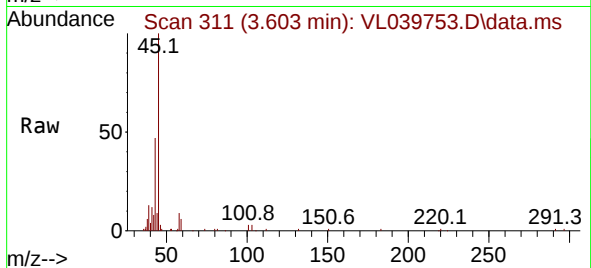
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#20

Methylene Chloride

Concen: 3.861 ppbv

RT: 3.948 min Scan# 418

Delta R.T. 0.000 min

Lab File: VL039753.D

Acq: 21 Oct 2022 21:18

Tgt Ion: 84 Resp: 135644

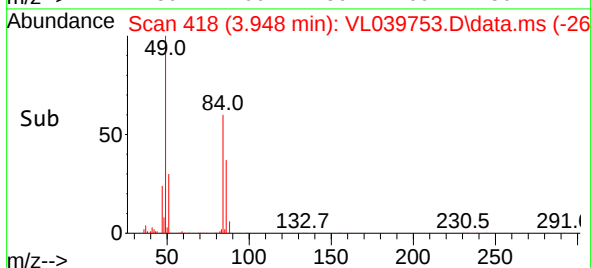
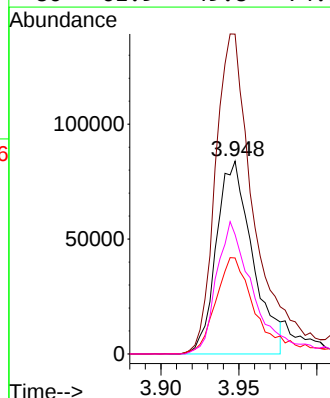
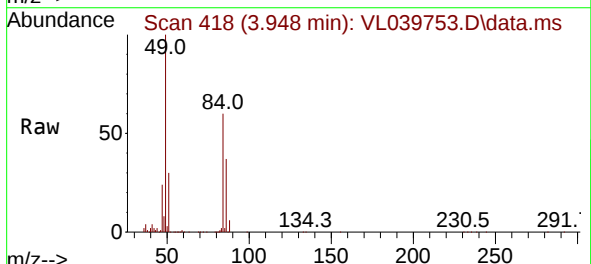
Ion Ratio Lower Upper

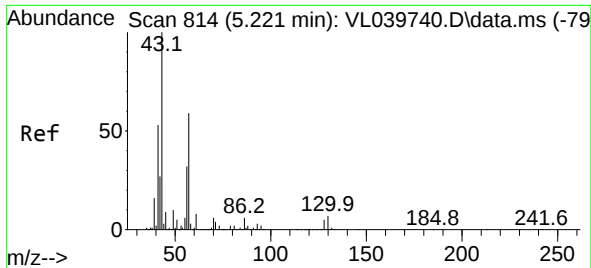
84 100

49 165.8 124.2 186.4

51 49.8 36.6 54.8

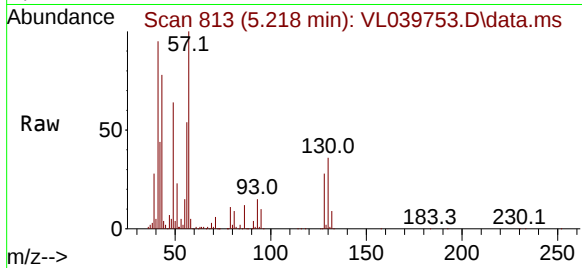
86 61.9 49.8 74.8





#26
Hexane
Concen: 4.936 ppbv
RT: 5.218 min Scan# 814
Delta R.T. -0.003 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

Instrument :
MSVOA_L
ClientSampleId :
IA-1



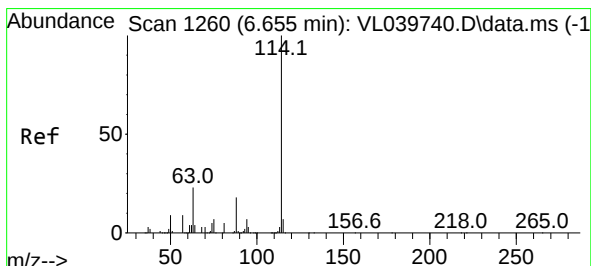
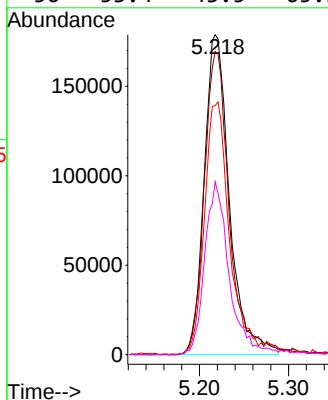
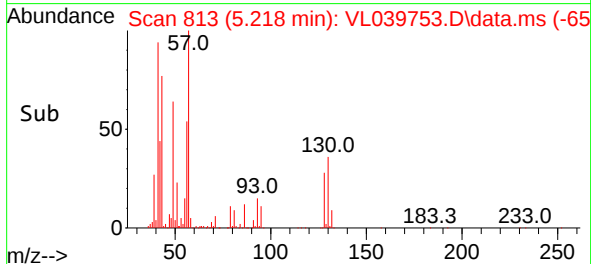
Tgt Ion: 57 Resp: 351958
Ion Ratio Lower Upper
57 100
41 95.7 76.8 115.2
43 80.7 201.0 301.4
56 53.4 43.5 65.3

Manual Integrations
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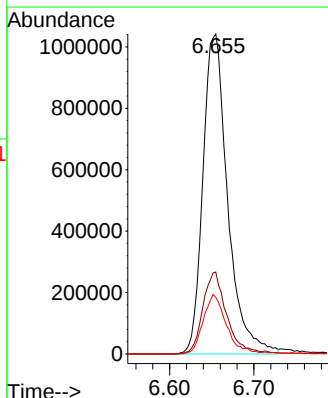
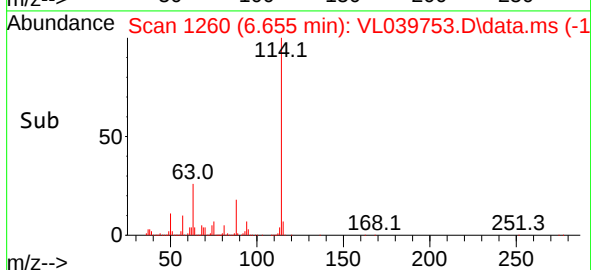
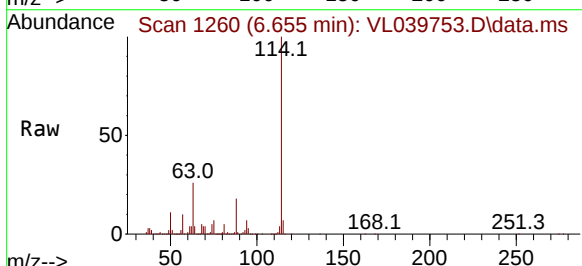
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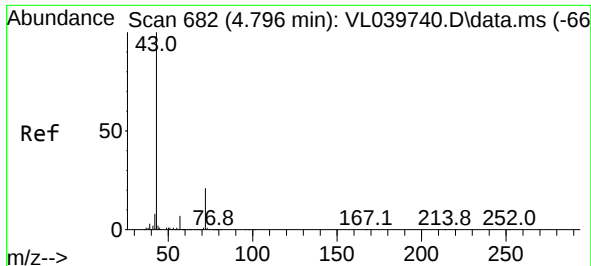
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

Tgt Ion:114 Resp: 2133791
Ion Ratio Lower Upper
114 100
63 25.3 19.8 29.6
88 17.7 14.2 21.4





#34
2-Butanone
Concen: 0.487 ppbv m
RT: 4.806 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

Instrument :
MSVOA_L
ClientSampleId :
IA-1

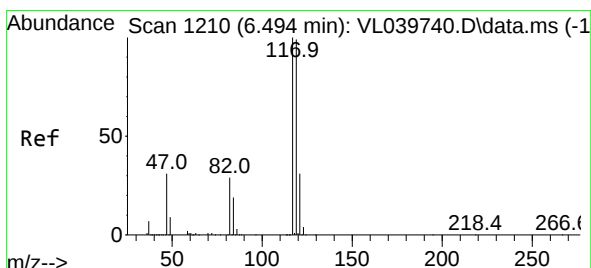
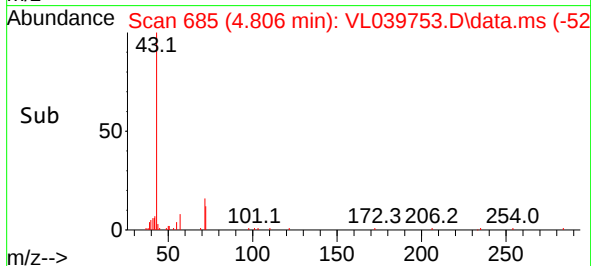
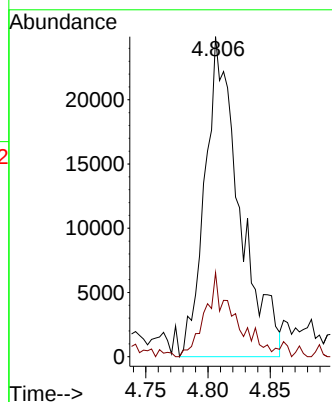
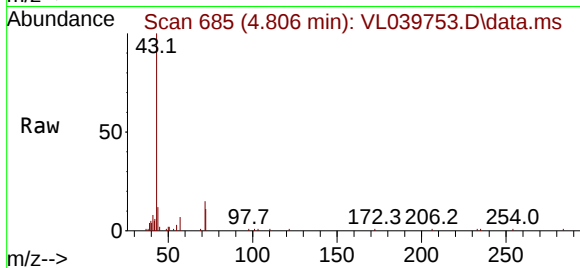
Tgt Ion: 43 Resp: 4796
Ion Ratio Lower Upper
43 100
72 25.0 17.1 25.7

Manual Integrations
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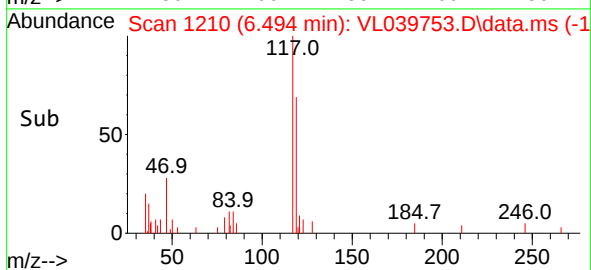
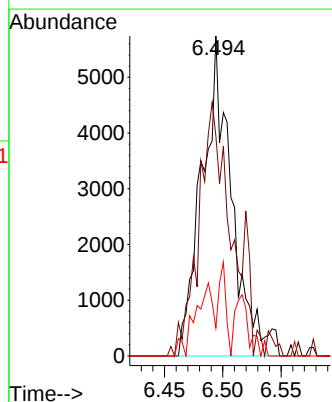
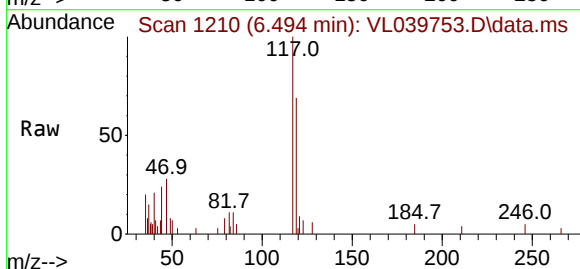
10/24/2022
Supervised By :Mahesh
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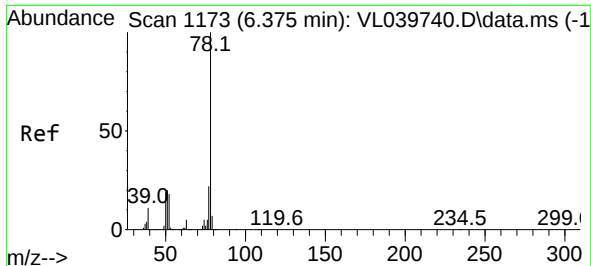
10/24/2022



#35
Carbon Tetrachloride
Concen: 0.093 ppbv m
RT: 6.494 min Scan# 1210
Delta R.T. 0.000 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

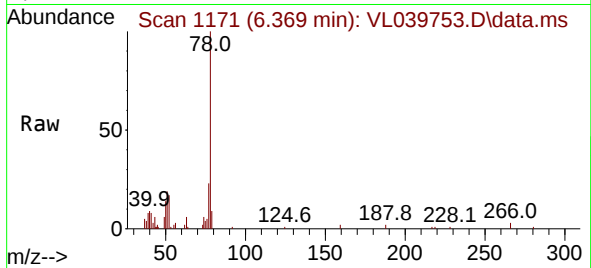
Tgt Ion:117 Resp: 10235
Ion Ratio Lower Upper
117 100
119 68.8 79.2 118.8#
121 8.7 25.0 37.6#





#36
Benzene
Concen: 0.172 ppbv
RT: 6.369 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

Instrument :
MSVOA_L
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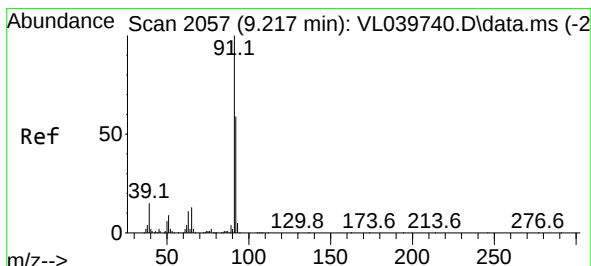
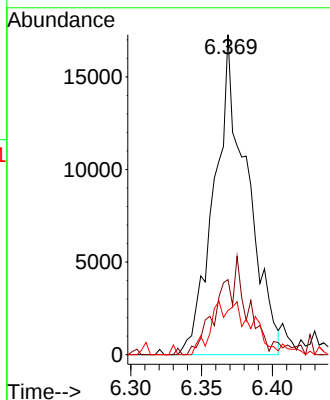
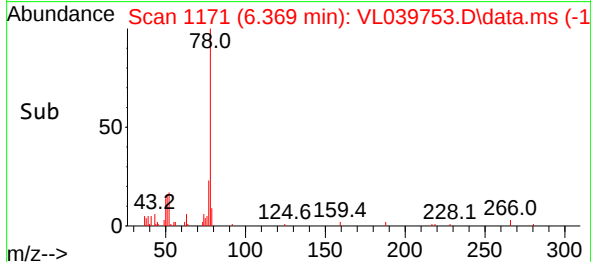
Tgt Ion: 78 Resp: 27698
Ion Ratio Lower Upper
78 100
77 21.4 17.3 25.9
50 13.8 14.9 22.3

Manual Integrations
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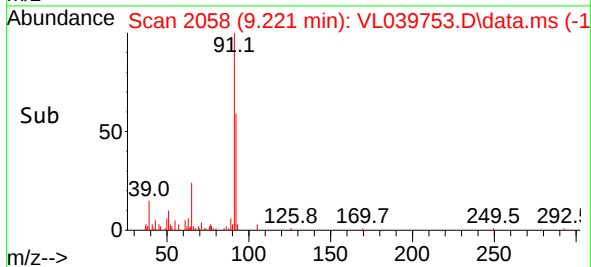
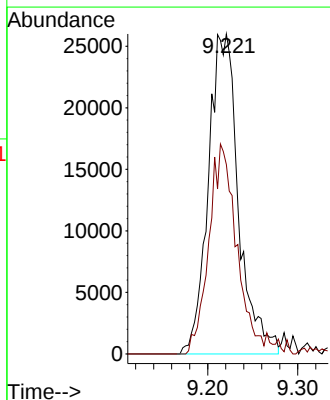
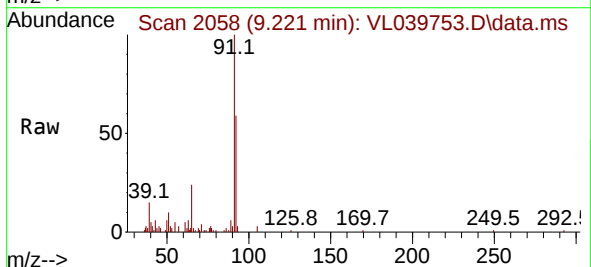
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Supervised By :Mahesh
Dadoda

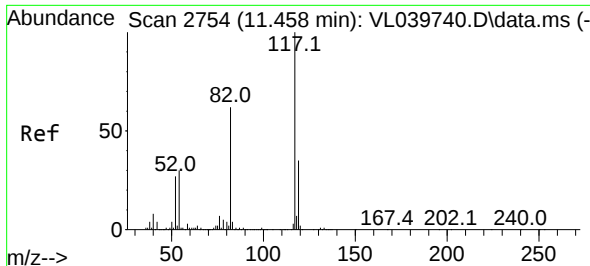
10/24/2022



#53
Toluene
Concen: 0.349 ppbv m
RT: 9.221 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

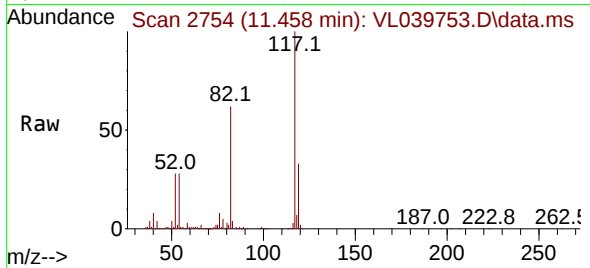
Tgt Ion: 91 Resp: 60647
Ion Ratio Lower Upper
91 100
92 0.0 47.7 71.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

Instrument :
MSVOA_L
ClientSampleId :
IA-1



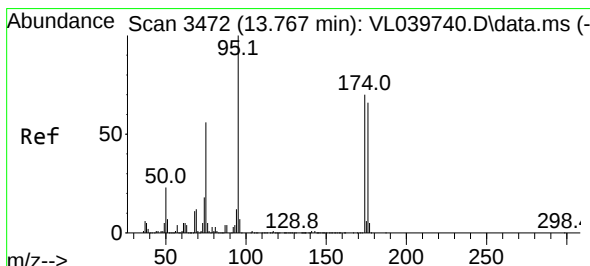
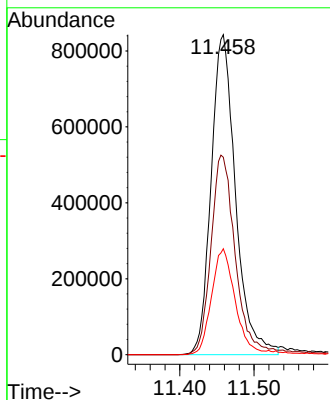
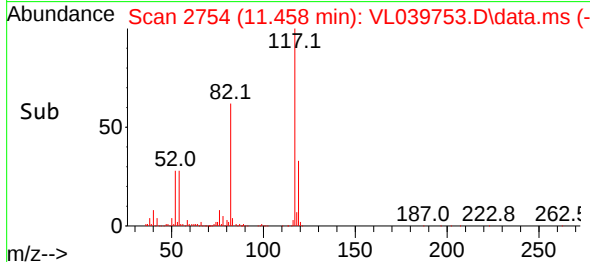
Tgt Ion: 117 Resp: 192378
Ion Ratio Lower Upper
117 100
82 64.0 51.4 77.0
119 33.2 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

10/24/2022
Supervised By :Mahesh
Dadoda

10/24/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.959 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.000 min
Lab File: VL039753.D
Acq: 21 Oct 2022 21:18

Tgt Ion: 95 Resp: 1360104
Ion Ratio Lower Upper
95 100
174 72.9 56.5 84.7
175 5.5 4.2 6.4

