

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039754.D
 Acq On : 21 Oct 2022 22:00
 Operator : SY/AP
 Sample : N5259-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DUP

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 04:26:52 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	5.195	49	723215	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2053257	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	1881582	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1317794	9.866	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds					Qvalue	
3) Chlorodifluoromethane	2.690	51	39225m	0.426	ppbv	
4) Chloromethane	2.829	50	42406m	0.736	ppbv	
11) Trichlorofluoromethane	3.578	101	31121m	0.276	ppbv	
13) Ethanol	3.272	45	193622m	67.540	ppbv	
15) Acetone	3.491	43	501197	5.740	ppbv	100
19) Isopropyl Alcohol	3.604	45	81693m	1.916	ppbv	
20) Methylene Chloride	3.944	84	151774	4.323	ppbv	95
26) Hexane	5.218	57	352434	4.946	ppbv #	39
34) 2-Butanone	4.809	43	45292	0.478	ppbv	93
35) Carbon Tetrachloride	6.494	117	10200m	0.096	ppbv	
36) Benzene	6.369	78	28243m	0.182	ppbv	
53) Toluene	9.217	91	59236	0.354	ppbv	98

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

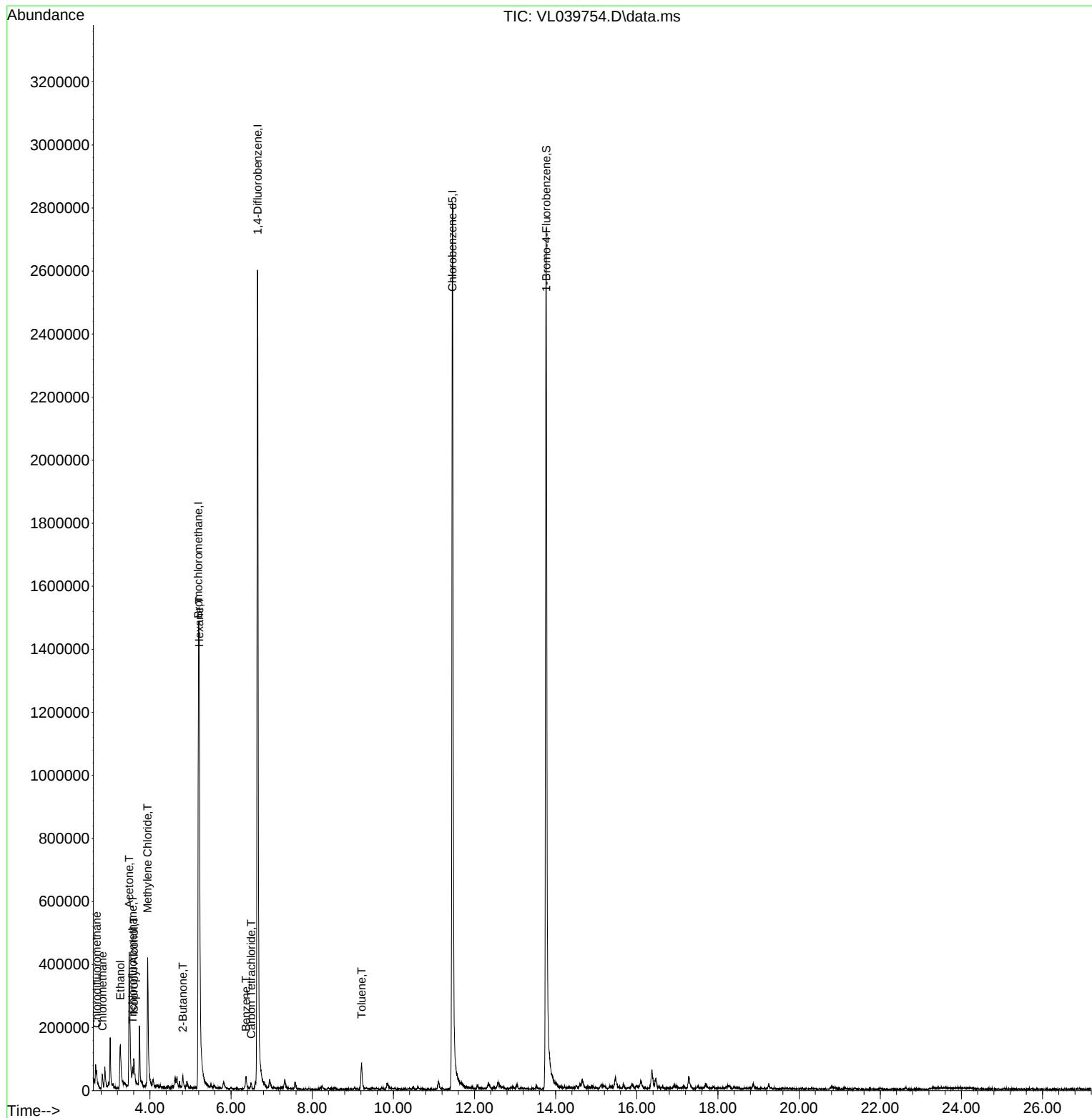
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
Data File : VL039754.D
Acq On : 21 Oct 2022 22:00
Operator : SY/AP
Sample : N5259-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

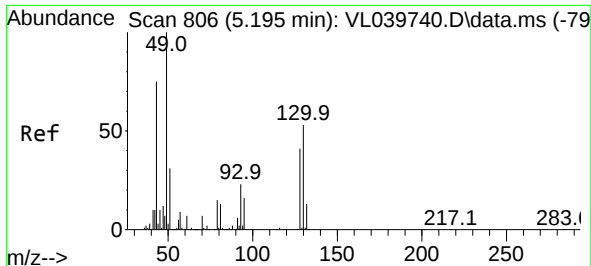
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Quant Time: Oct 22 04:26:52 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
Response via : Initial Calibration

Manual Integrations
APPROVED

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





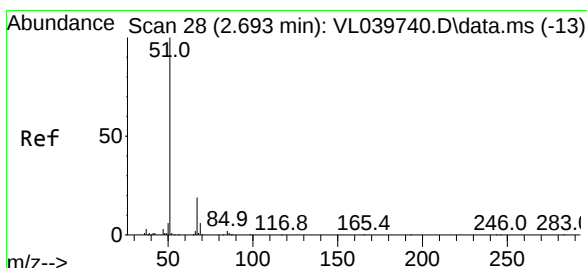
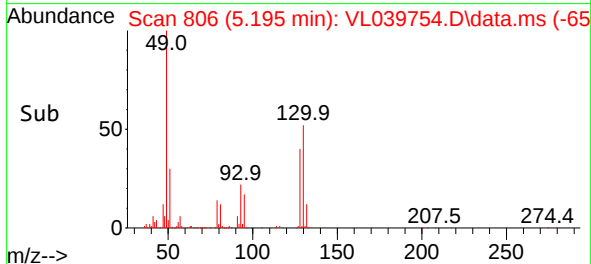
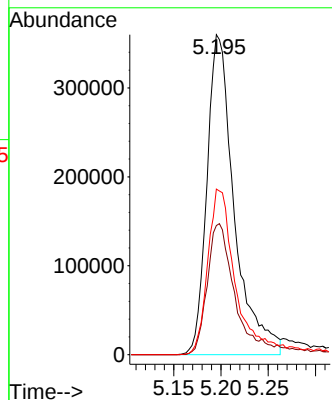
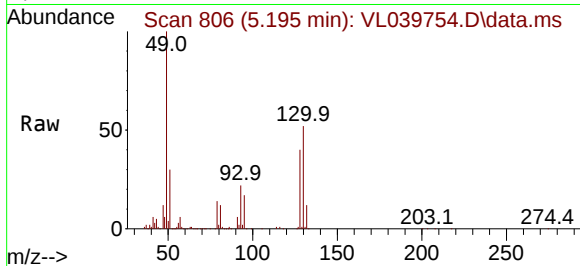
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion: 49 Resp: 723215
Ion Ratio Lower Upper
49 100
128 44.4 22.6 67.8
130 56.4 29.0 87.0

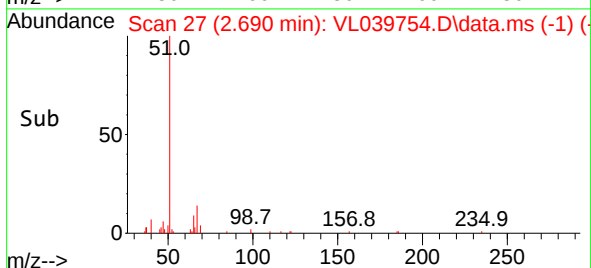
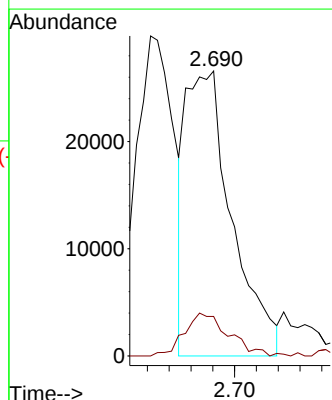
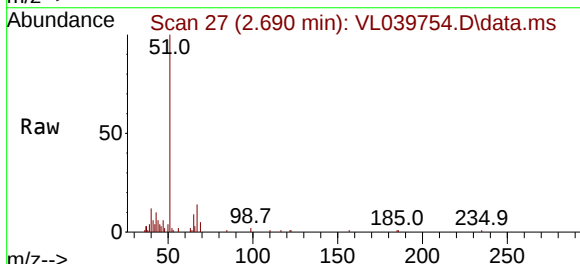
Manual Integrations
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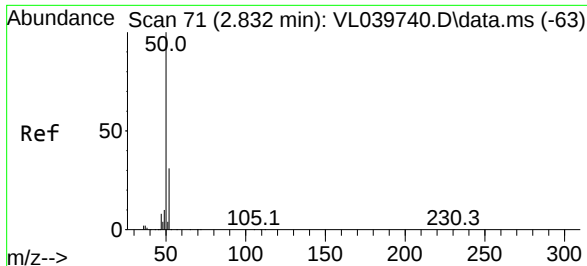
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#3
Chlorodifluoromethane
Concen: 0.426 ppbv m
RT: 2.690 min Scan# 27
Delta R.T. -0.003 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

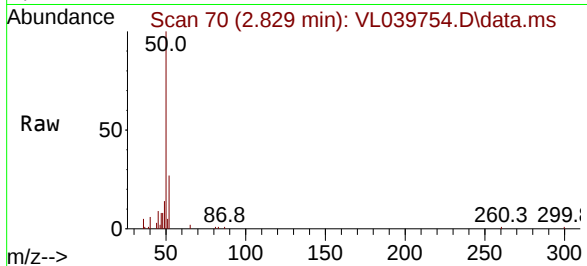
Tgt Ion: 51 Resp: 39225
Ion Ratio Lower Upper
51 100
67 14.6 14.6 21.8





#4
Chloromethane
Concen: 0.736 ppbv m
RT: 2.829 min Scan# 70
Delta R.T. -0.003 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

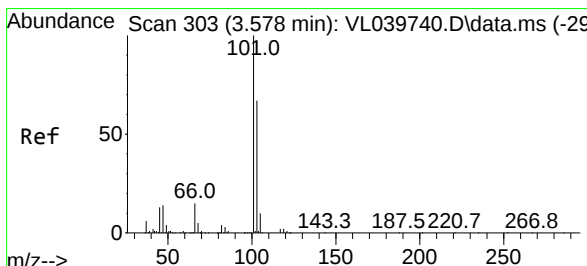
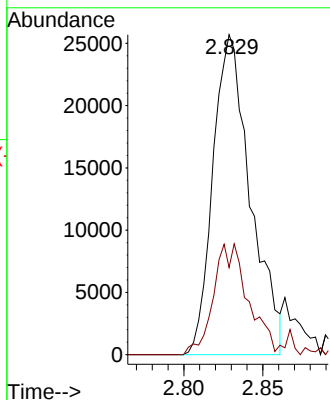
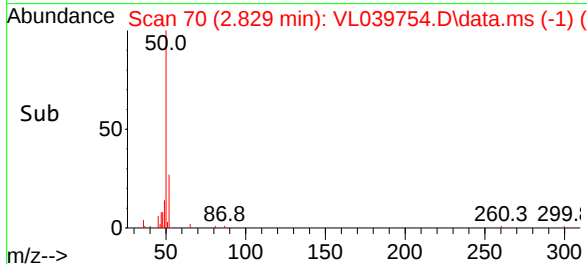
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



Tgt Ion: 50 Resp: 42400
Ion Ratio Lower Upper
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52 27.2 24.8 37.2

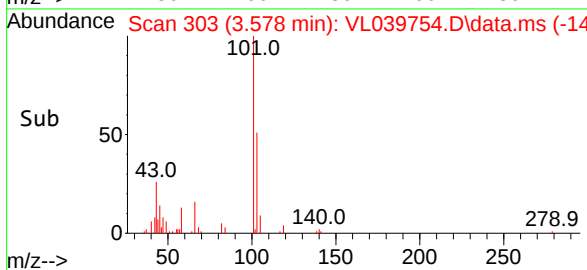
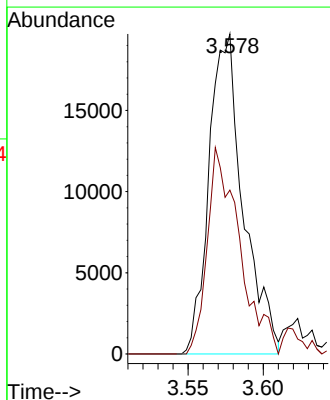
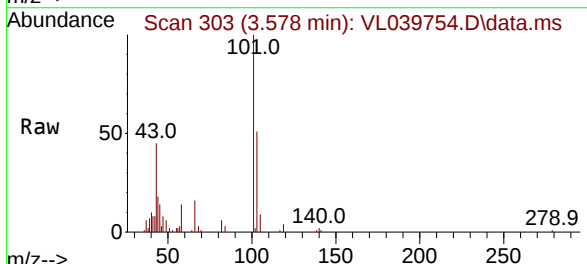
Manual Integrations
APPROVED

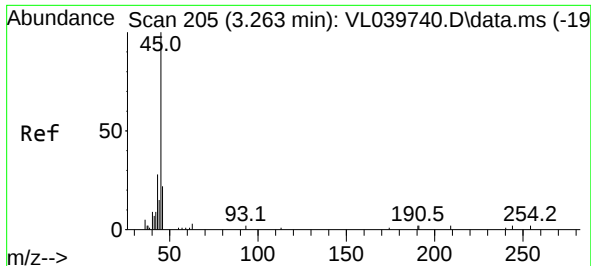
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#11
Trichlorofluoromethane
Concen: 0.276 ppbv m
RT: 3.578 min Scan# 303
Delta R.T. 0.000 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

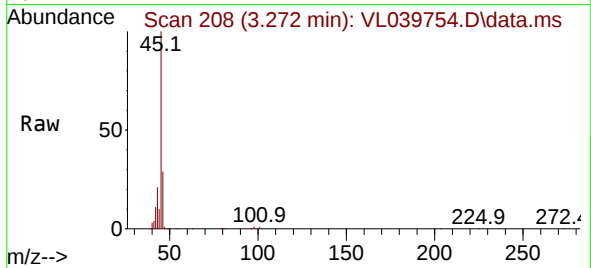
Tgt Ion:101 Resp: 31121
Ion Ratio Lower Upper
101 100
103 51.2 53.2 79.8#





#13
Ethanol
Concen: 67.540 ppbv m
RT: 3.272 min Scan# 205
Delta R.T. 0.010 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

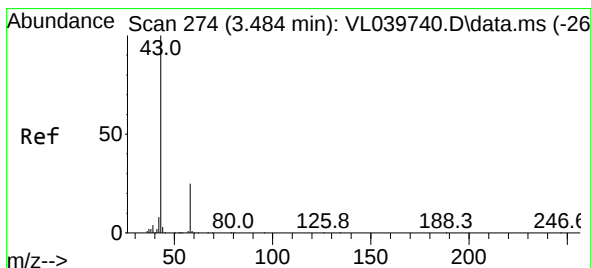
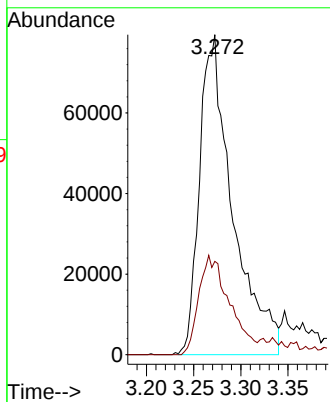
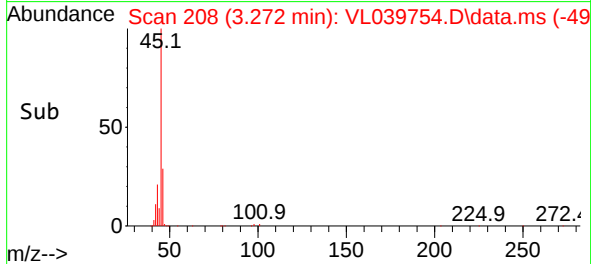
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



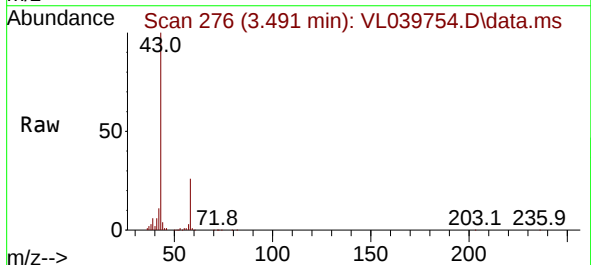
Tgt Ion: 45 Resp: 19362
Ion Ratio Lower Upper
45 100
46 32.2 14.8 59.2

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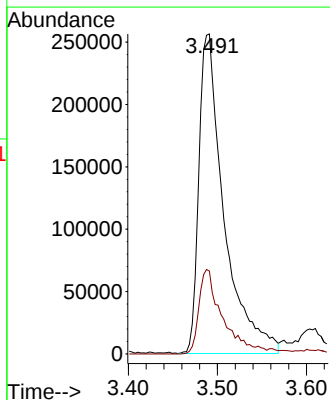
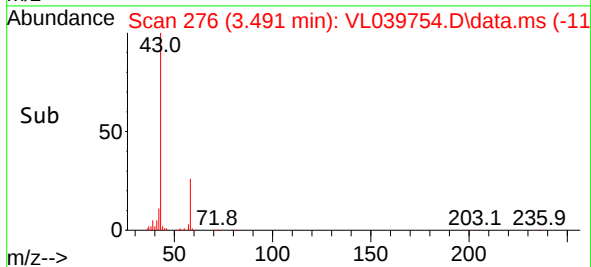
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

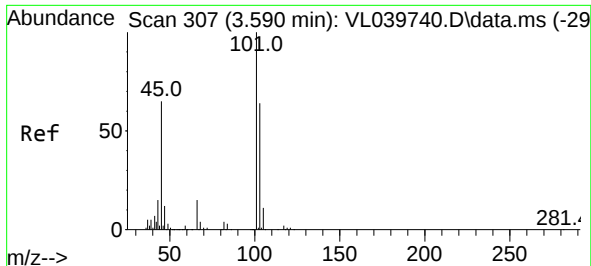


#15
Acetone
Concen: 5.740 ppbv
RT: 3.491 min Scan# 276
Delta R.T. 0.007 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00



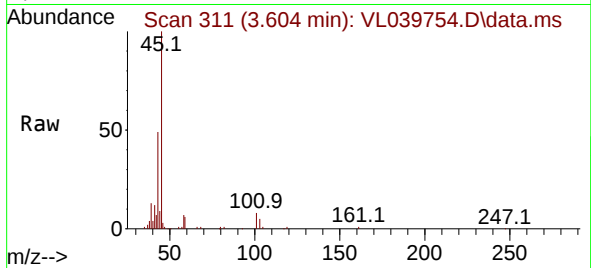
Tgt Ion: 43 Resp: 501197
Ion Ratio Lower Upper
43 100
58 25.9 20.9 31.3





#19
Isopropyl Alcohol
Concen: 1.916 ppbv m
RT: 3.604 min Scan# 311
Delta R.T. 0.013 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

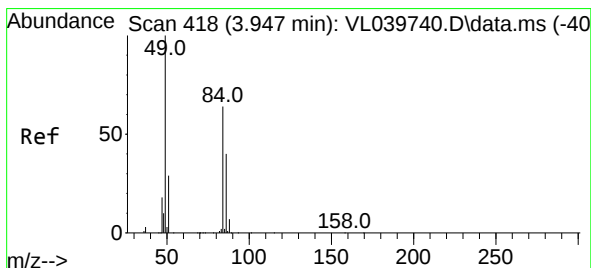
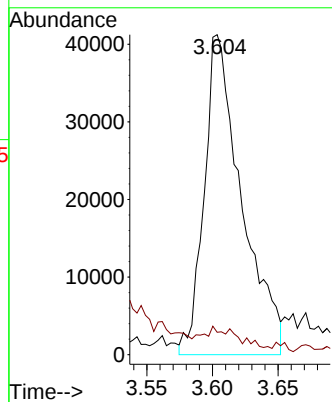
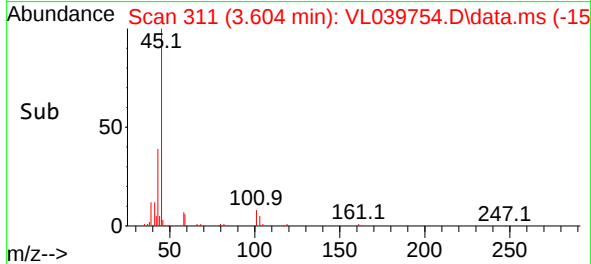
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



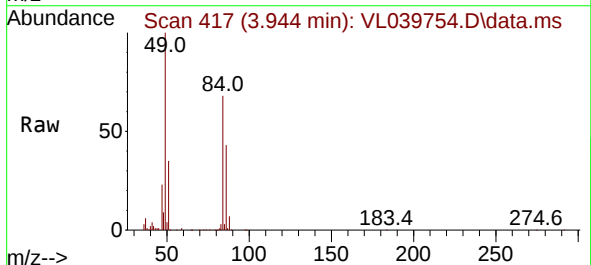
Tgt Ion: 45 Resp: 8169
Ion Ratio Lower Upper
45 100
58 6.4 3.3 4.9

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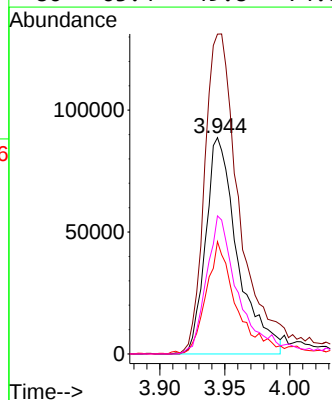
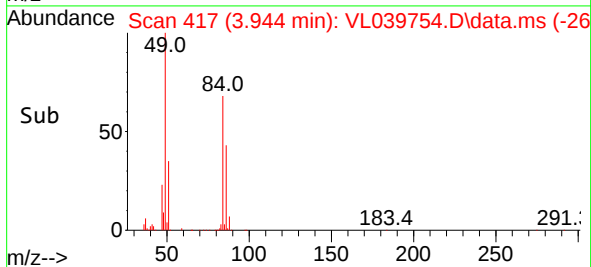
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

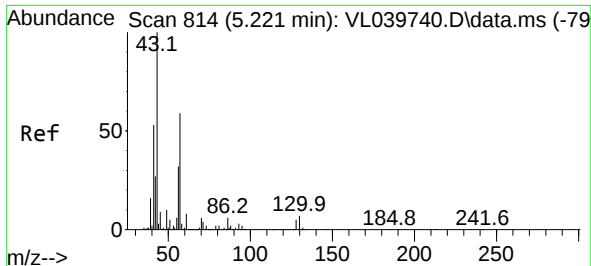


#20
Methylene Chloride
Concen: 4.323 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00



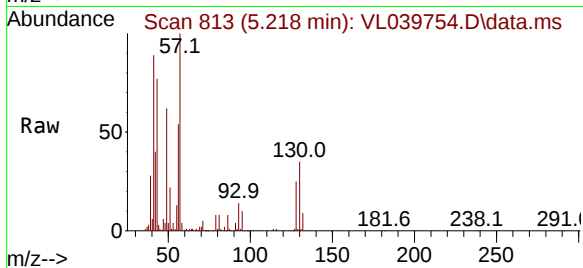
Tgt Ion: 84 Resp: 151774
Ion Ratio Lower Upper
84 100
49 147.5 124.2 186.4
51 51.4 36.6 54.8
86 63.4 49.8 74.8





#26
Hexane
Concen: 4.946 ppbv
RT: 5.218 min Scan# 814
Delta R.T. -0.003 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

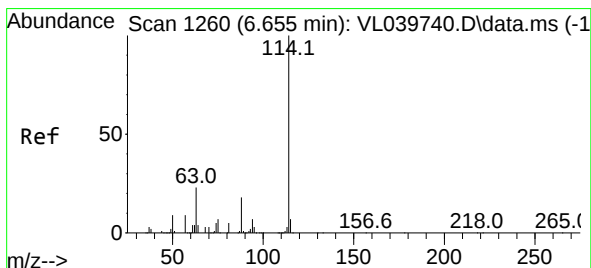
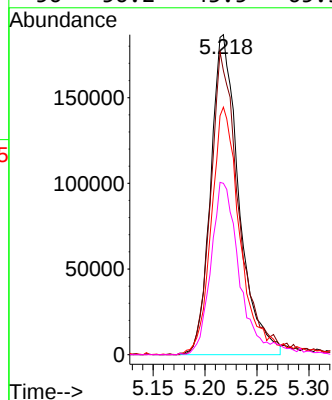
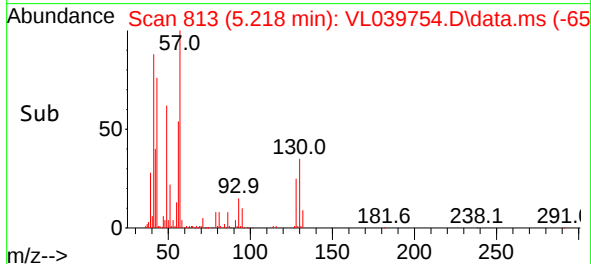
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



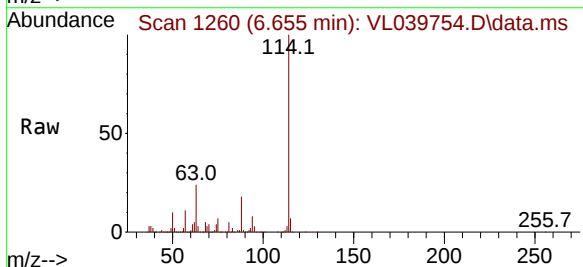
Tgt Ion: 57 Resp: 352434
Ion Ratio Lower Upper
57 100
41 97.0 76.8 115.2
43 80.9 201.0 301.4
56 56.2 43.5 65.3

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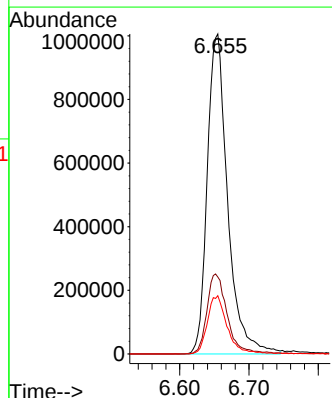
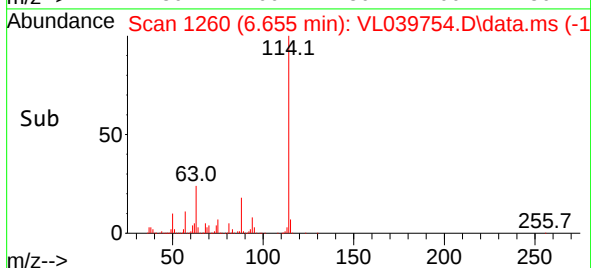
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

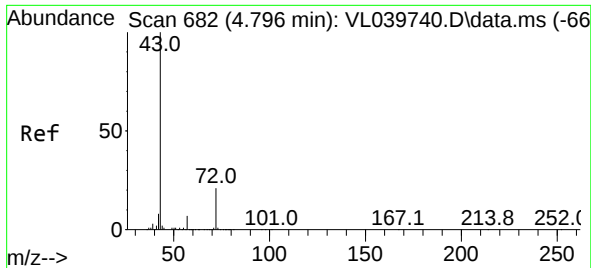


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00



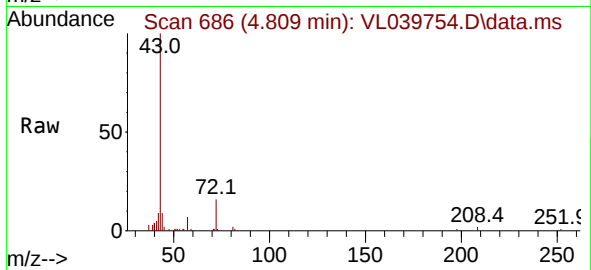
Tgt Ion:114 Resp: 2053257
Ion Ratio Lower Upper
114 100
63 25.2 19.8 29.6
88 18.0 14.2 21.4





#34
2-Butanone
Concen: 0.478 ppbv
RT: 4.809 min Scan# 686
Delta R.T. 0.013 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

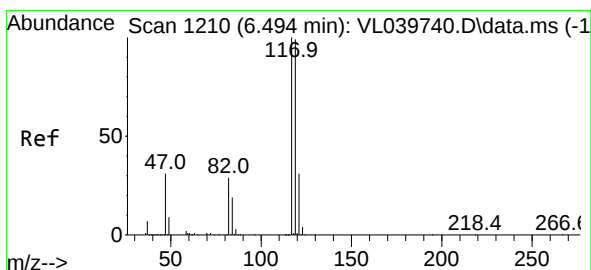
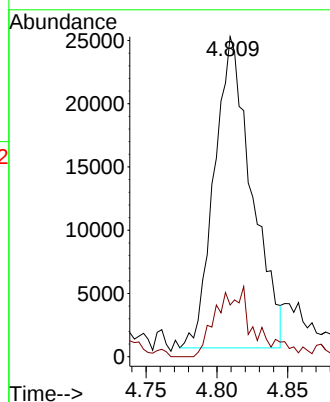
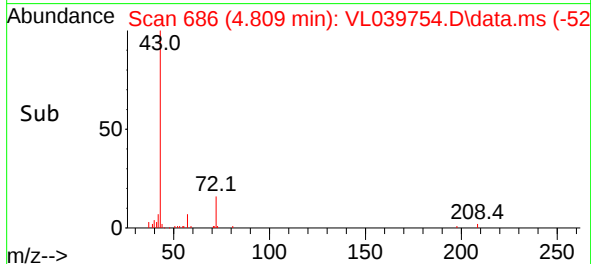
Instrument :
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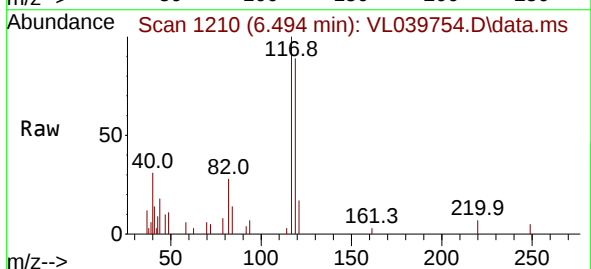
Tgt Ion: 43 Resp: 45292
Ion Ratio Lower Upper
43 100
72 24.8 17.1 25.7

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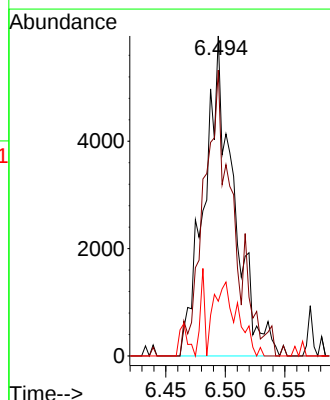
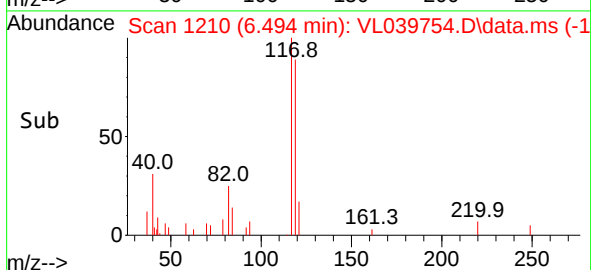
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

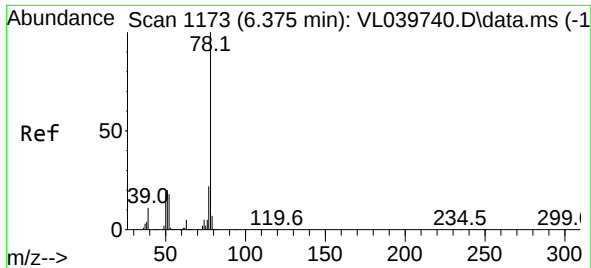


#35
Carbon Tetrachloride
Concen: 0.096 ppbv m
RT: 6.494 min Scan# 1210
Delta R.T. 0.000 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00



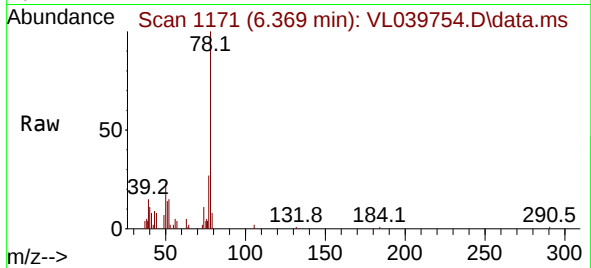
Tgt Ion:117 Resp: 10200
Ion Ratio Lower Upper
117 100
119 89.3 79.2 118.8
121 17.1 25.0 37.6#





#36
Benzene
Concen: 0.182 ppbv m
RT: 6.369 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

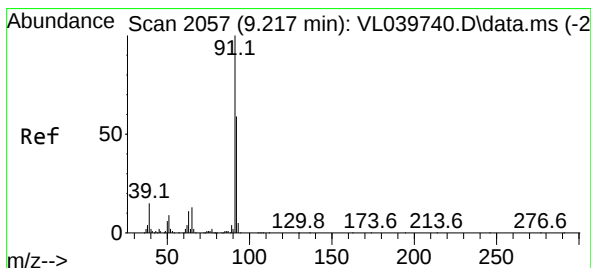
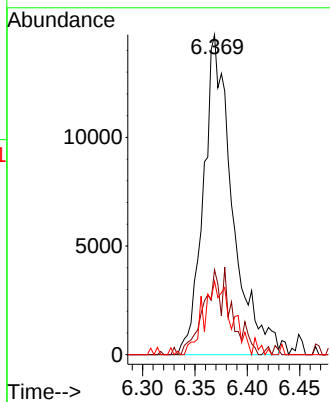
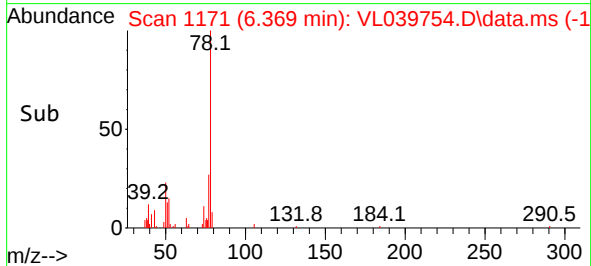
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



Tgt Ion: 78 Resp: 2824
Ion Ratio Lower Upper
78 100
77 26.6 17.3 25.9
50 23.0 14.9 22.3

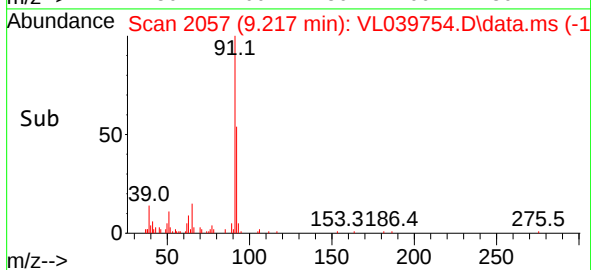
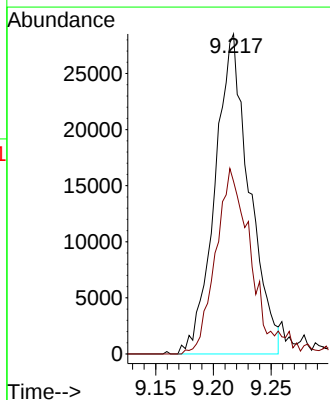
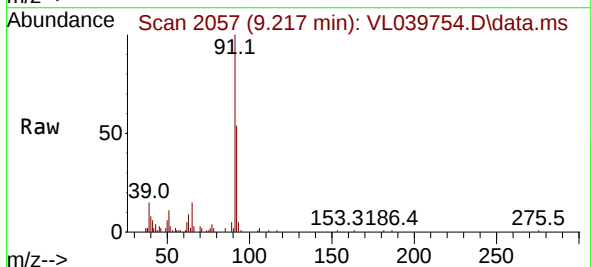
Manual Integrations
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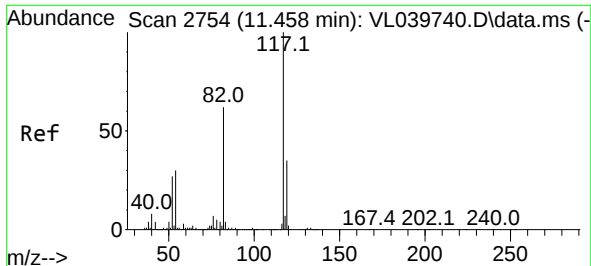
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#53
Toluene
Concen: 0.354 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

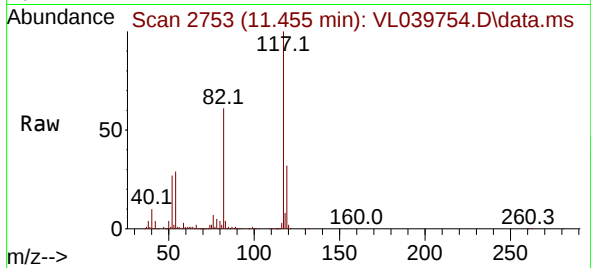
Tgt Ion: 91 Resp: 59236
Ion Ratio Lower Upper
91 100
92 61.2 47.7 71.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

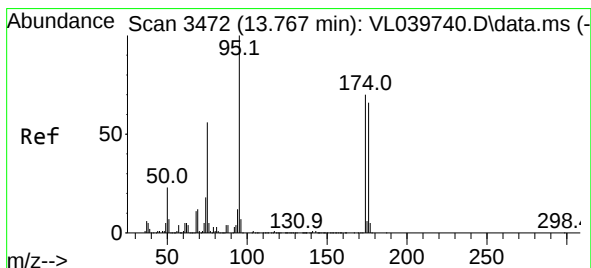
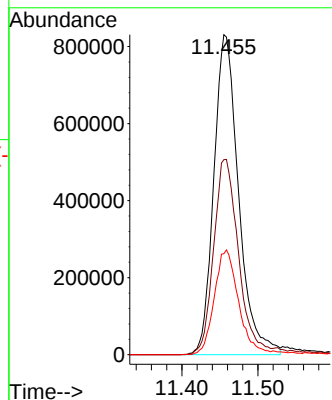
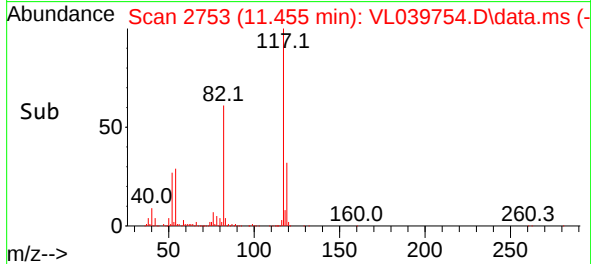
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



Tgt Ion: 117 Resp: 188158
Ion Ratio Lower Upper
117 100
82 64.3 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: 9.866 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.000 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Tgt Ion: 95 Resp: 1317794
Ion Ratio Lower Upper
95 100
174 72.0 56.5 84.7
175 5.5 4.2 6.4

