

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040612.D
 Acq On : 9 Aug 2023 19:19
 Operator : SY/MD
 Sample : 03950-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/10/2023
 Supervised By : Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:31:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 10 2023
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	267865	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	615566	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	451293	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	346367	9.698	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	32374	0.604	ppbv	99
3) Chlorodifluoromethane	2.661	51	12808m	0.302	ppbv	
4) Chloromethane	2.803	50	10591m	0.630	ppbv	
9) Propene	2.693	41	14689	1.011	ppbv	84
11) Trichlorofluoromethane	3.558	101	12463m	0.288	ppbv	
13) Ethanol	3.256	45	8816m	2.788	ppbv	
15) Acetone	3.481	43	111803	3.626	ppbv	98
20) Methylene Chloride	3.928	84	176884	13.487	ppbv	95
26) Hexane	5.211	57	56048m	2.055	ppbv	
34) 2-Butanone	4.806	43	7637m	0.251	ppbv	
35) Carbon Tetrachloride	6.494	117	3126m	0.084	ppbv	
36) Benzene	6.369	78	5848m	0.118	ppbv	

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

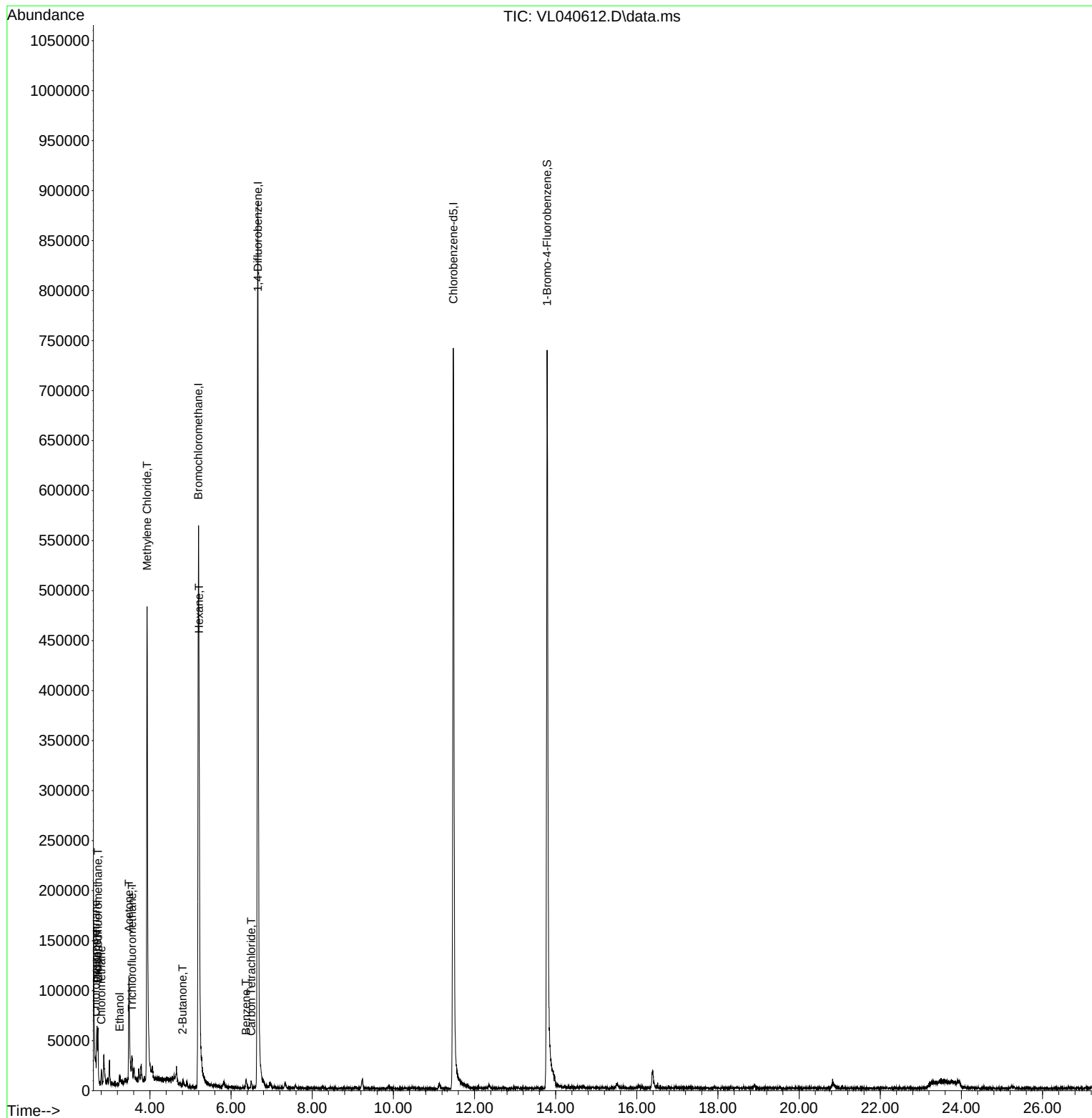
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
Data File : VL040612.D
Acq On : 9 Aug 2023 19:19
Operator : SY/MD
Sample : 03950-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

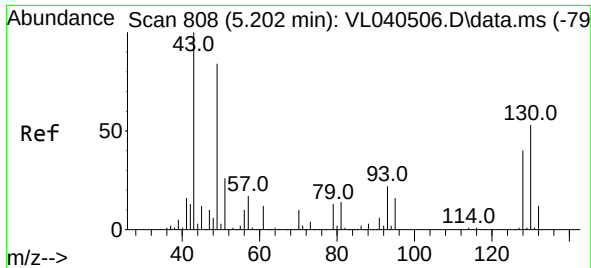
Instrument :
MSVOA_L
ClientSampleId :
IA1

Quant Time: Aug 10 01:31:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

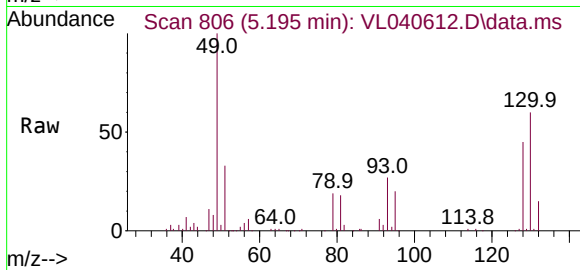
Reviewed By : Semsettin Yesilyurt 08/10/2023
Supervised By : Mahesh Dadoda 08/10/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040612.D
Acq: 9 Aug 2023 19:19

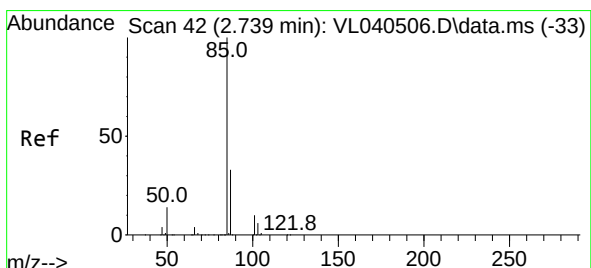
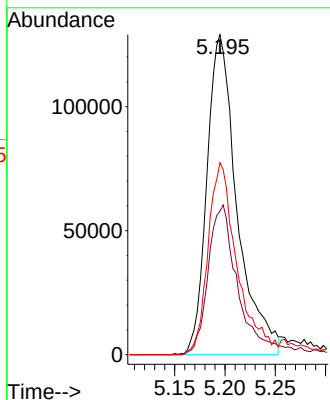
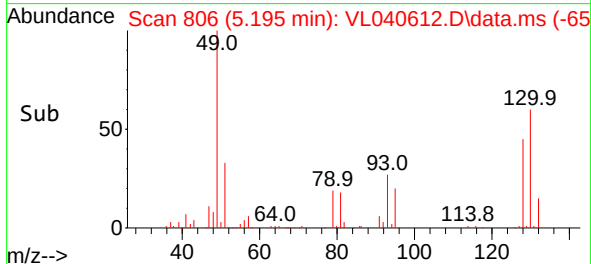
Instrument :
MSVOA_L
ClientSampleId :
IA1



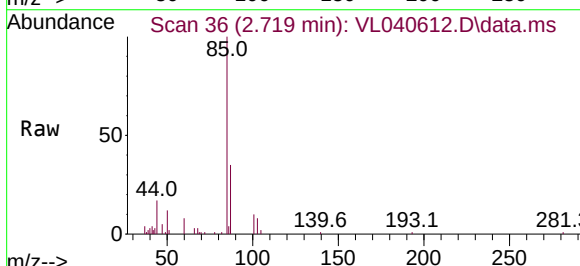
Tgt Ion: 49 Resp: 26786
Ion Ratio Lower Upper
49 100
128 48.3 25.1 75.4
130 62.4 31.6 94.7

Manual Integrations
APPROVED

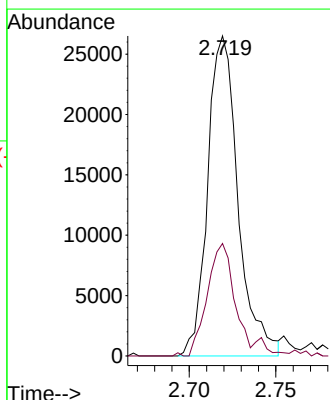
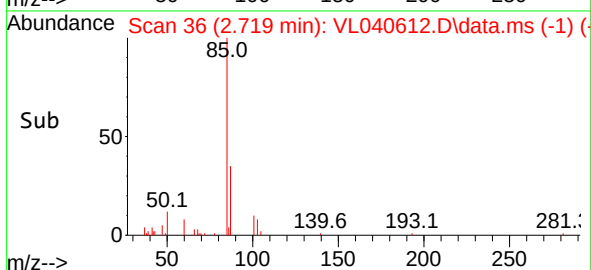
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

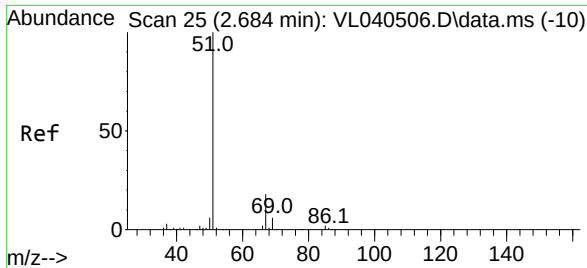


#2
Dichlorodifluoromethane
Concen: 0.604 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.019 min
Lab File: VL040612.D
Acq: 9 Aug 2023 19:19



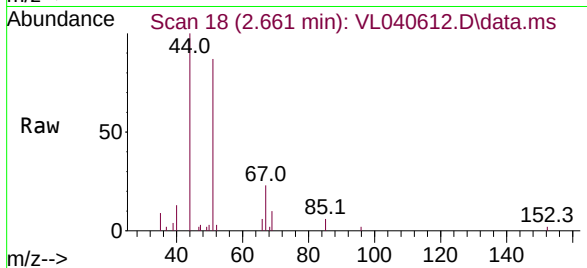
Tgt Ion: 85 Resp: 32374
Ion Ratio Lower Upper
85 100
87 34.1 26.8 40.2





#3
Chlorodifluoromethane
Concen: 0.302 ppbv m
RT: 2.661 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040612.D
Acq: 9 Aug 2023 19:19

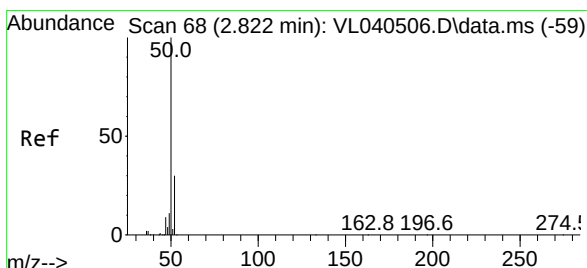
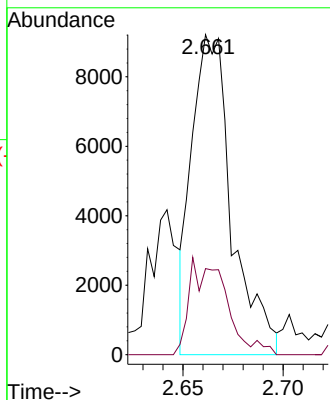
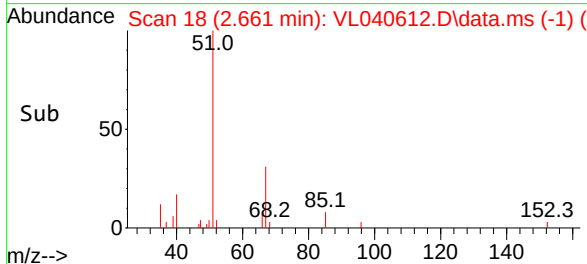
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 51 Resp: 12808
Ion Ratio Lower Upper
51 100
67 27.6 14.6 21.8

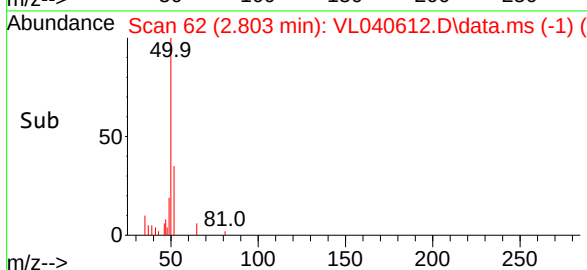
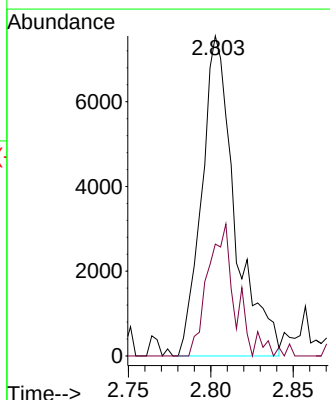
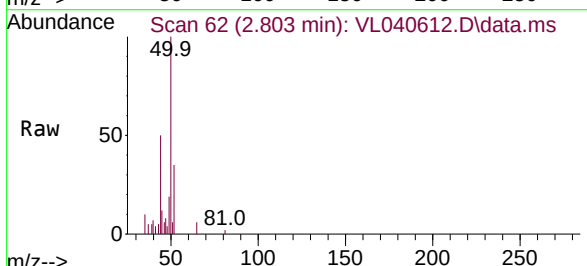
Manual Integrations
APPROVED

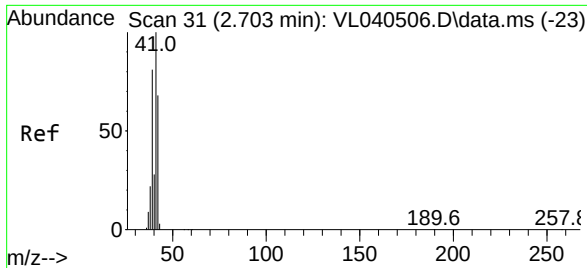
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#4
Chloromethane
Concen: 0.630 ppbv m
RT: 2.803 min Scan# 62
Delta R.T. -0.019 min
Lab File: VL040612.D
Acq: 9 Aug 2023 19:19

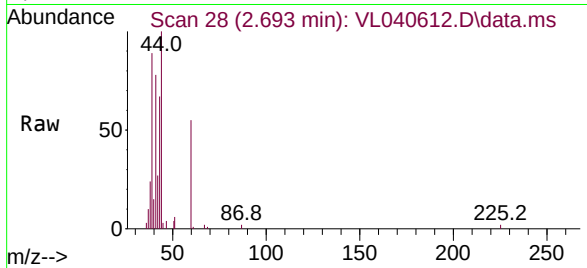
Tgt Ion: 50 Resp: 10591
Ion Ratio Lower Upper
50 100
52 34.9 24.4 36.6





#9
 Propene
 Concen: 1.011 ppbv
 RT: 2.693 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VL040612.D
 Acq: 9 Aug 2023 19:19

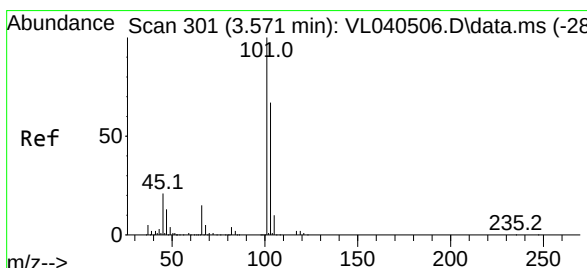
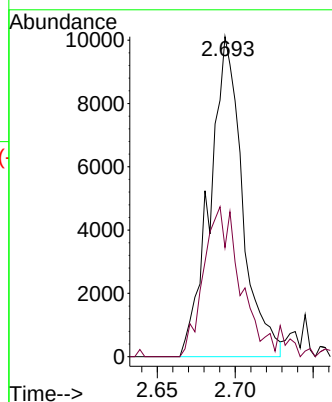
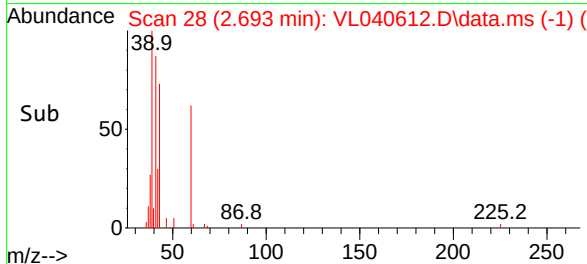
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1



Tgt Ion: 41 Resp: 14689
 Ion Ratio Lower Upper
 41 100
 42 56.2 55.0 82.6

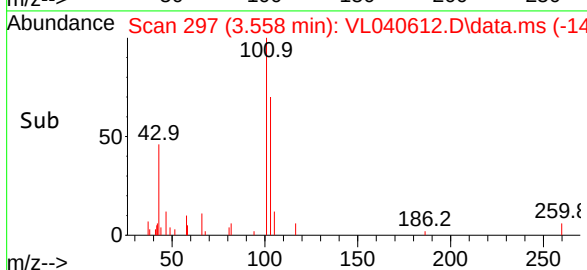
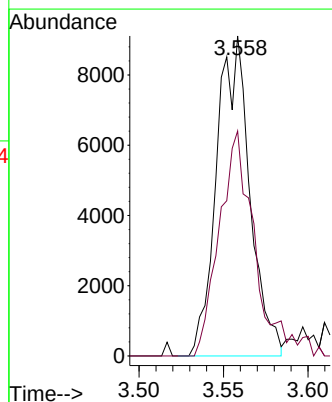
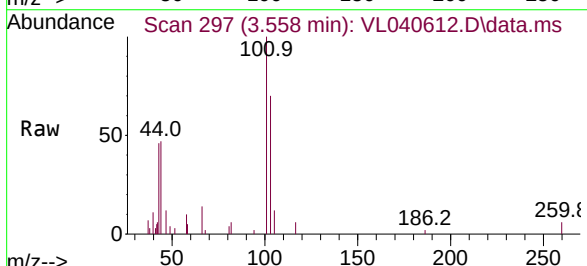
Manual Integrations
 APPROVED

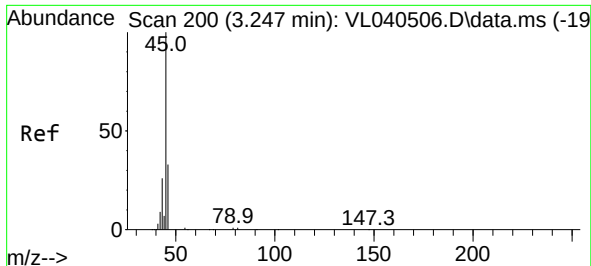
Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#11
 Trichlorofluoromethane
 Concen: 0.288 ppbv m
 RT: 3.558 min Scan# 297
 Delta R.T. -0.013 min
 Lab File: VL040612.D
 Acq: 9 Aug 2023 19:19

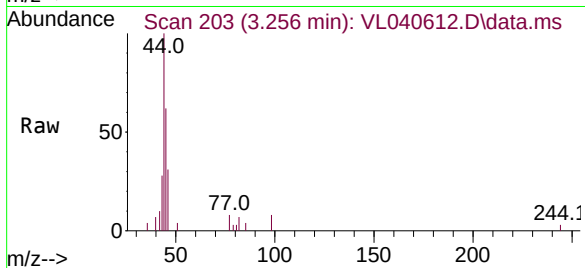
Tgt Ion:101 Resp: 12463
 Ion Ratio Lower Upper
 101 100
 103 70.3 53.4 80.0





#13
Ethanol
Concen: 2.788 ppbv m
RT: 3.256 min Scan# 201
Delta R.T. 0.010 min
Lab File: VL040612.D
Acq: 9 Aug 2023 19:19

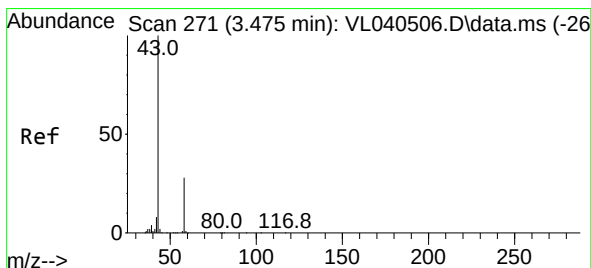
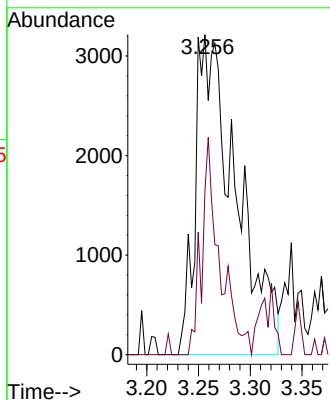
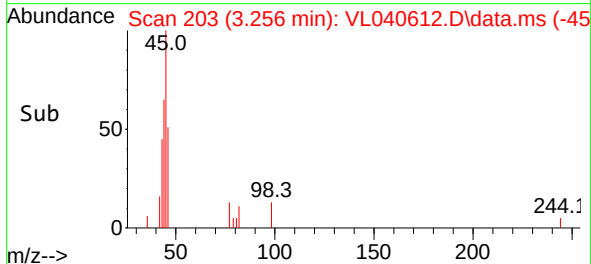
Instrument :
MSVOA_L
ClientSampleId :
IA1



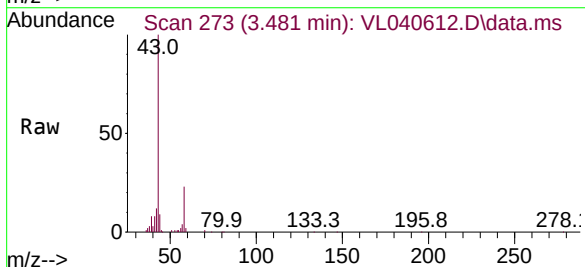
Tgt Ion: 45 Resp: 8810
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1

Manual Integrations
APPROVED

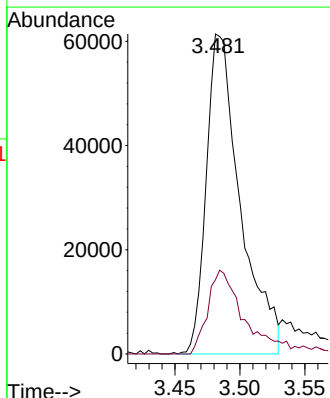
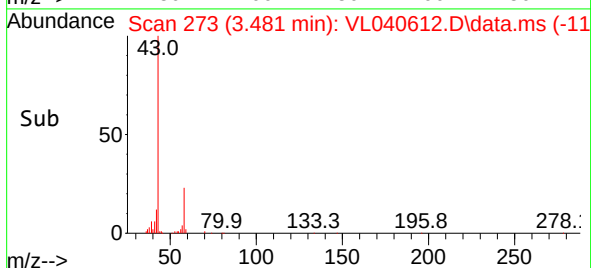
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

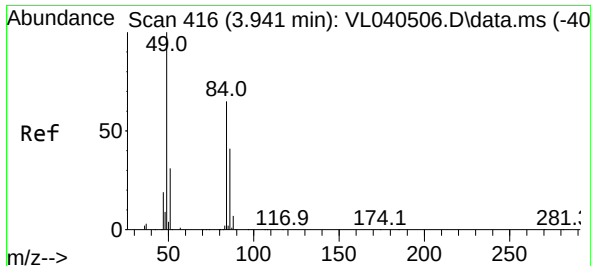


#15
Acetone
Concen: 3.626 ppbv
RT: 3.481 min Scan# 273
Delta R.T. 0.006 min
Lab File: VL040612.D
Acq: 9 Aug 2023 19:19



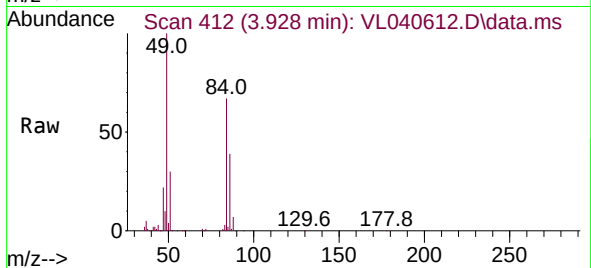
Tgt Ion: 43 Resp: 111803
Ion Ratio Lower Upper
43 100
58 29.7 22.9 34.3





#20
Methylene Chloride
Concen: 13.487 ppbv
RT: 3.928 min Scan# 416
Delta R.T. -0.013 min
Lab File: VL040612.D
Acq: 9 Aug 2023 19:19

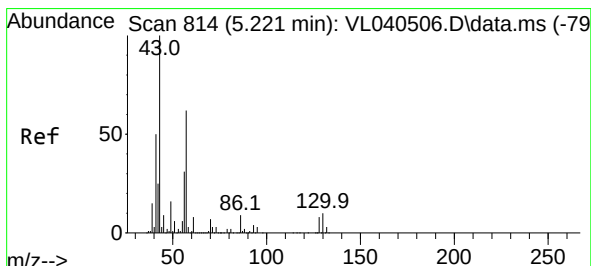
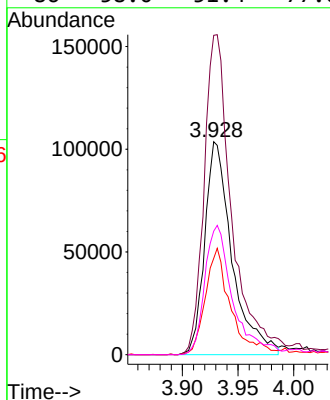
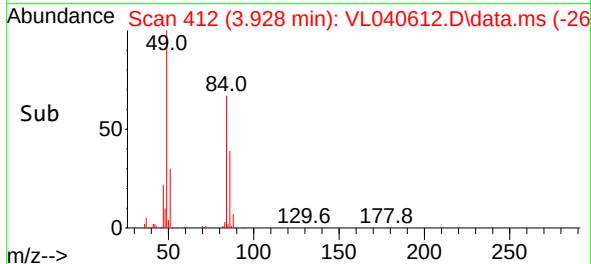
Instrument :
MSVOA_L
ClientSampleId :
IA1



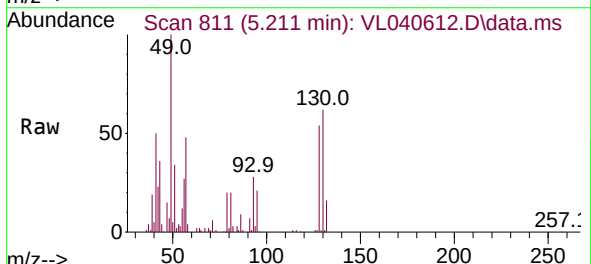
Tgt Ion: 84 Resp: 176884
Ion Ratio Lower Upper
84 100
49 150.0 123.4 185.2
51 45.2 38.3 57.5
86 58.0 51.4 77.0

Manual Integrations
APPROVED

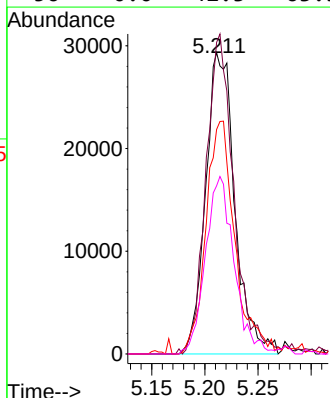
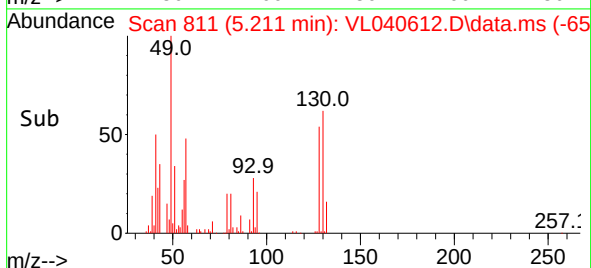
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

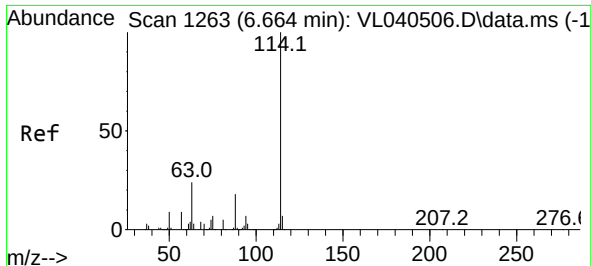


#26
Hexane
Concen: 2.055 ppbv m
RT: 5.211 min Scan# 811
Delta R.T. -0.010 min
Lab File: VL040612.D
Acq: 9 Aug 2023 19:19



Tgt Ion: 57 Resp: 56048
Ion Ratio Lower Upper
57 100
41 0.0 69.5 104.3#
43 0.0 177.1 265.7#
56 0.0 42.3 63.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. -0.007 min

Lab File: VL040612.D

Acq: 9 Aug 2023 19:19

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion:114 Resp: 61556

Ion Ratio Lower Upper

114 100

63 26.2 19.6 29.4

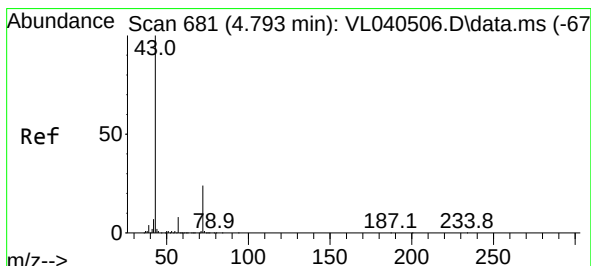
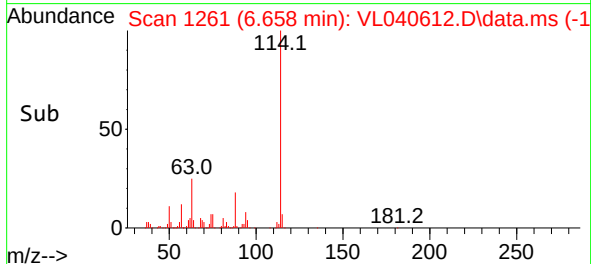
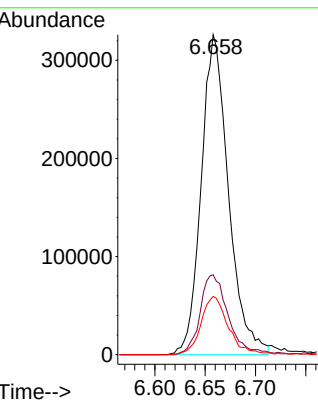
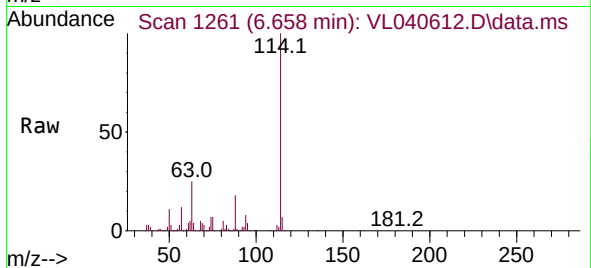
88 18.4 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#34

2-Butanone

Concen: 0.251 ppbv m

RT: 4.806 min Scan# 685

Delta R.T. 0.013 min

Lab File: VL040612.D

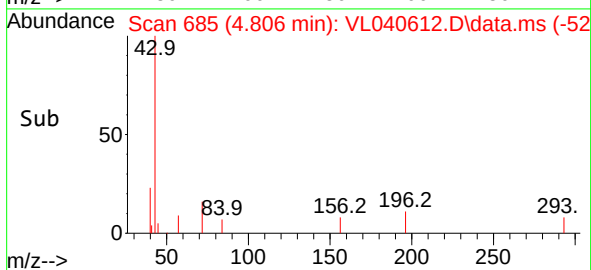
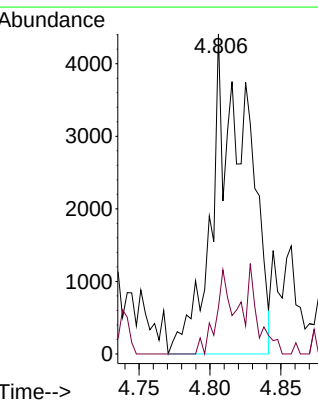
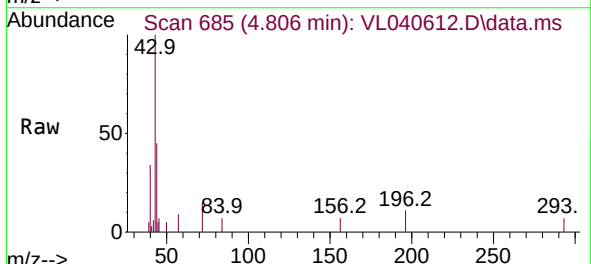
Acq: 9 Aug 2023 19:19

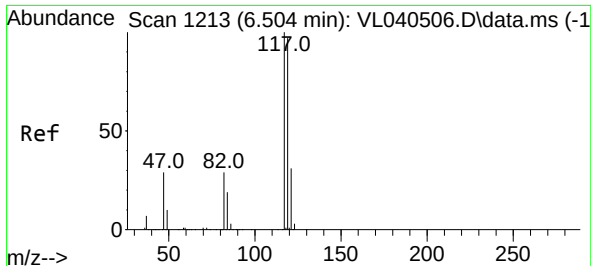
Tgt Ion: 43 Resp: 7637

Ion Ratio Lower Upper

43 100

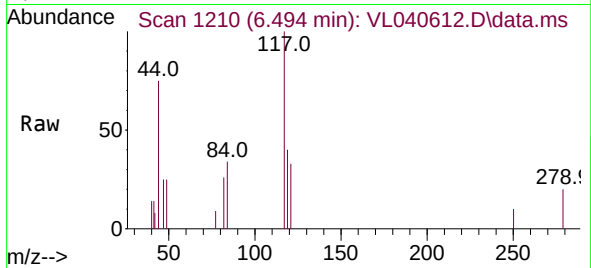
72 0.0 19.1 28.7#





#35
Carbon Tetrachloride
Concen: 0.084 ppbv m
RT: 6.494 min Scan# 1170
Delta R.T. -0.010 min
Lab File: VL040612.D
Acq: 9 Aug 2023 19:19

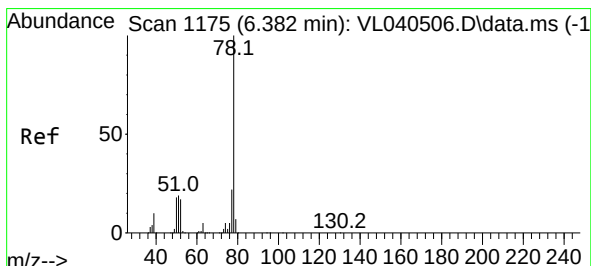
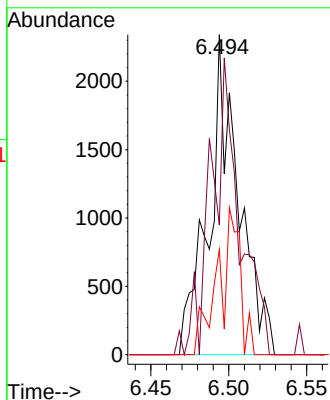
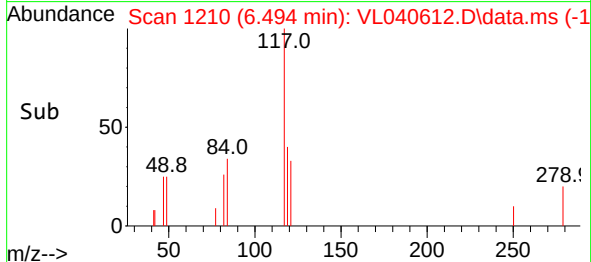
Instrument :
MSVOA_L
ClientSampleId :
IA1



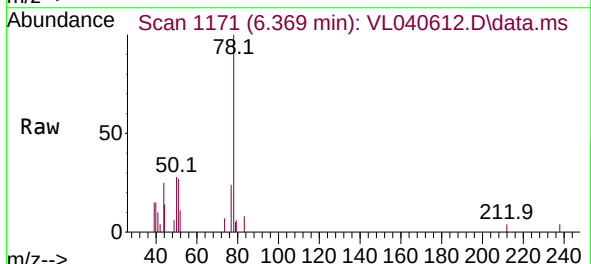
Tgt Ion: 117 Resp: 3120
Ion Ratio Lower Upper
117 100
119 40.5 77.8 116.6
121 32.8 24.8 37.2

Manual Integrations
APPROVED

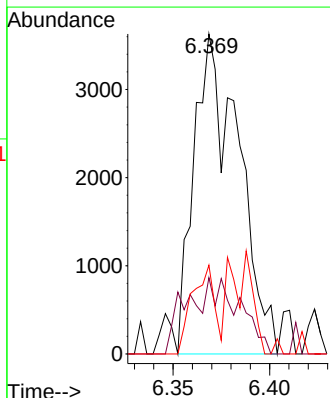
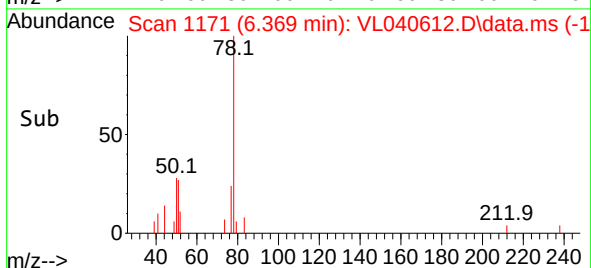
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

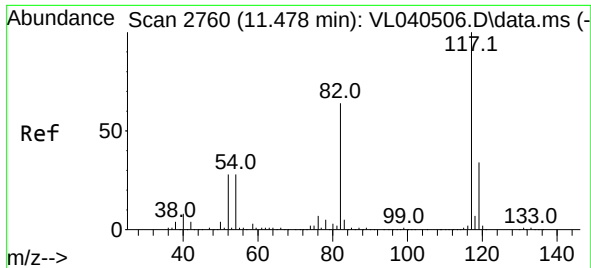


#36
Benzene
Concen: 0.118 ppbv m
RT: 6.369 min Scan# 1171
Delta R.T. -0.013 min
Lab File: VL040612.D
Acq: 9 Aug 2023 19:19



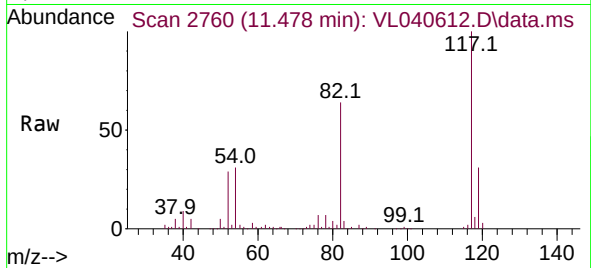
Tgt Ion: 78 Resp: 5848
Ion Ratio Lower Upper
78 100
77 23.9 17.4 26.0
50 27.7 14.4 21.6#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.000 min
Lab File: VL040612.D
Acq: 9 Aug 2023 19:19

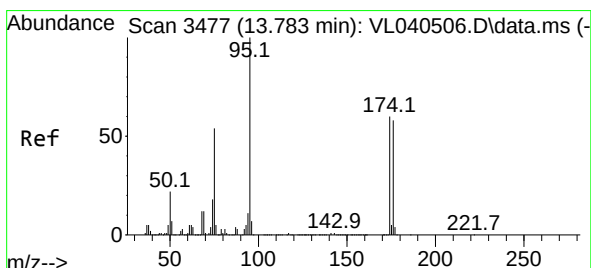
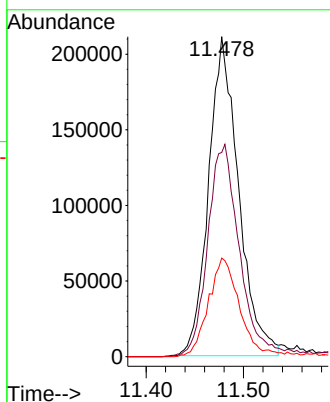
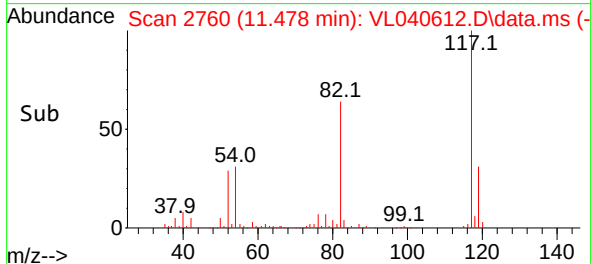
Instrument :
MSVOA_L
ClientSampleId :
IA1



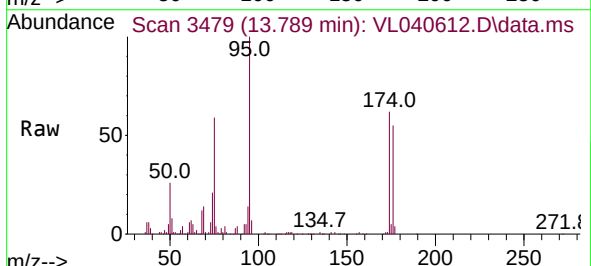
Tgt Ion: 117 Resp: 45129
Ion Ratio Lower Upper
117 100
82 71.4 50.2 75.4
119 33.5 26.9 40.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.698 ppbv
RT: 13.789 min Scan# 3479
Delta R.T. 0.006 min
Lab File: VL040612.D
Acq: 9 Aug 2023 19:19



Tgt Ion: 95 Resp: 346367
Ion Ratio Lower Upper
95 100
174 61.5 50.6 75.8
175 5.0 3.7 5.5

