

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041434.D
 Acq On : 29 Jul 2024 18:21
 Operator : SY/MD
 Sample : P3342-11DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-05DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 02:52:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jul 30 02:42:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1101271	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2964037	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2744061	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2126621	10.071	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.700%	
Target Compounds						
						Qvalue
10) Heptane	7.578	43	26334	0.195	ppbv	95
13) Ethanol	3.243	45	57712m	10.722	ppbv	
15) Acetone	3.475	43	100860m	0.806	ppbv	
20) Methylene Chloride	3.931	84	227603	4.878	ppbv	97
26) Hexane	5.208	57	246023	2.386	ppbv #	37
29) Chloroform	5.272	83	21887m	0.130	ppbv	
36) Benzene	6.369	78	63431	0.293	ppbv	94
44) 2,2,4-Trimethylpentane	7.330	57	45987m	0.127	ppbv	
53) Toluene	9.224	91	308597	1.279	ppbv	99
58) Ethyl Benzene	12.086	91	50355m	0.159	ppbv	
59) m/p-Xylene	12.343	91	155004	0.568	ppbv	97
60) o-Xylene	13.057	91	48441m	0.188	ppbv	

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

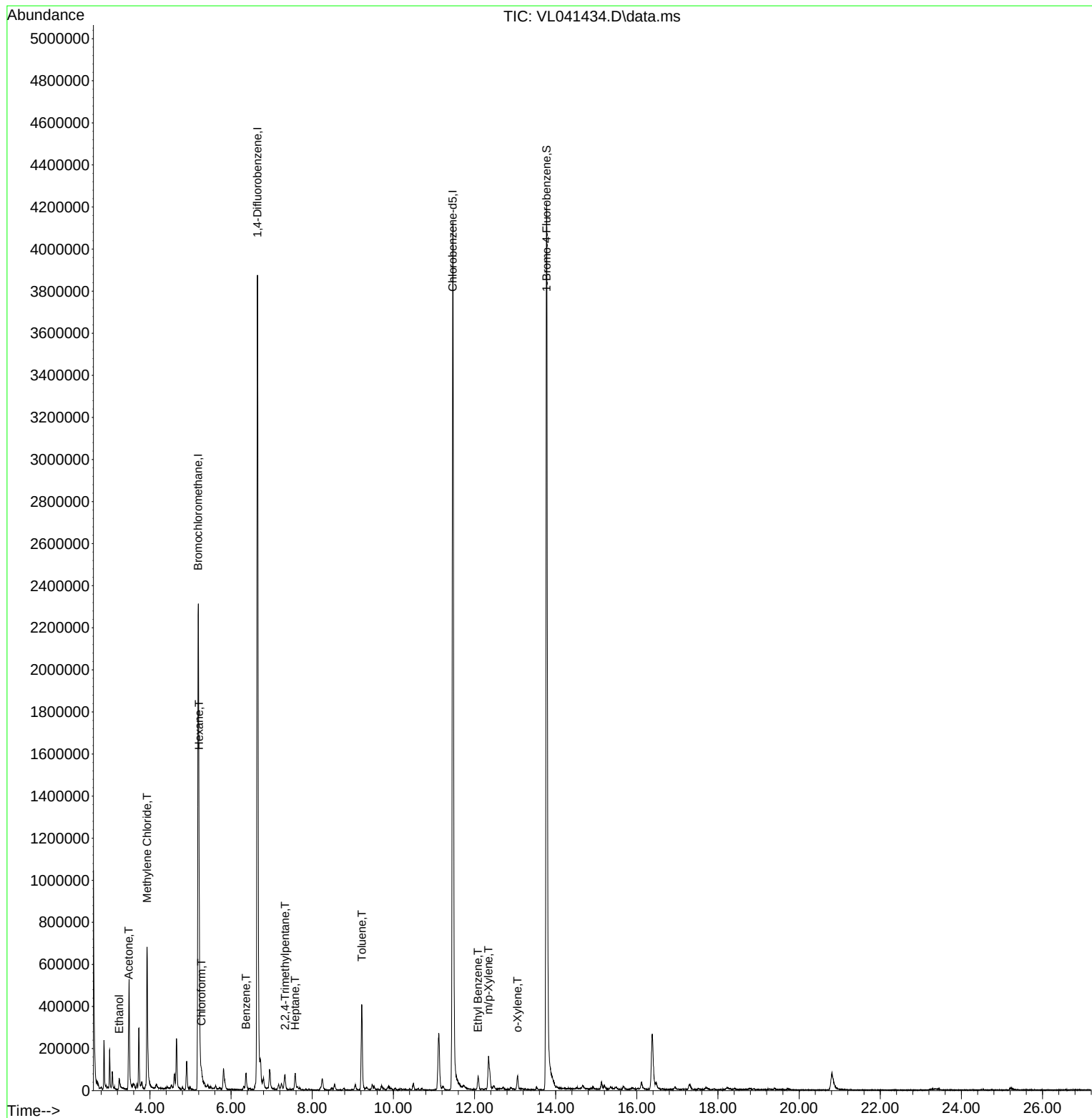
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041434.D
Acq On : 29 Jul 2024 18:21
Operator : SY/MD
Sample : P3342-11DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

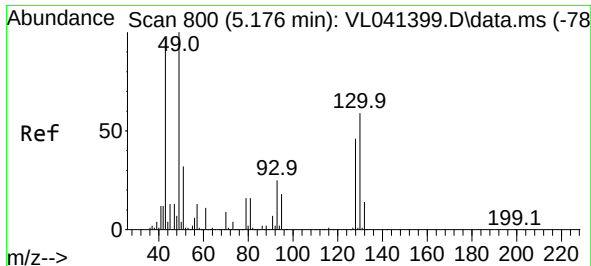
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-05DL

Quant Time: Jul 30 02:52:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jul 30 02:42:20 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

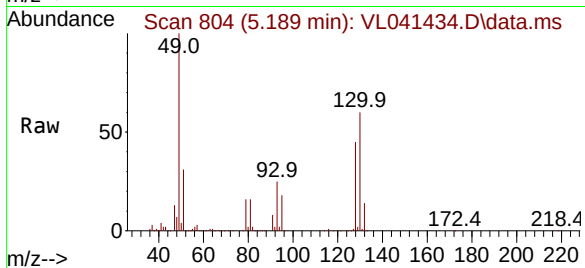
Reviewed By : Mahesh Dadoda 07/30/2024
Supervised By : Semsettin Yesilyurt 07/30/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.010 min
Lab File: VL041434.D
Acq: 29 Jul 2024 18:21

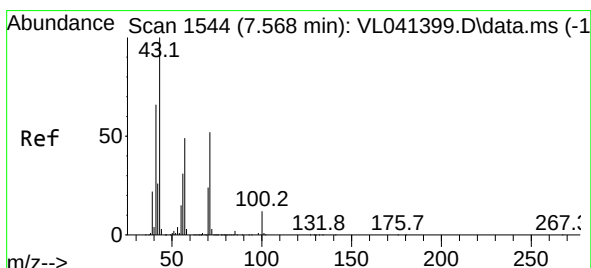
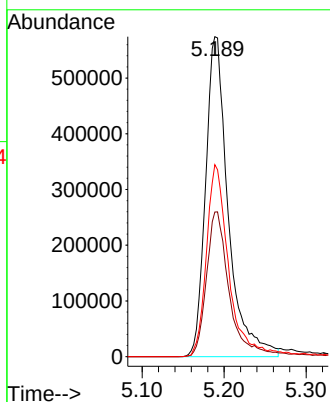
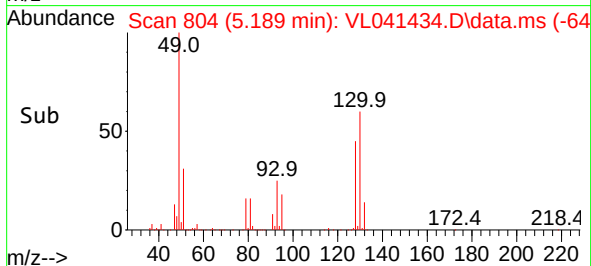
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-05DL



Tgt Ion: 49 Resp: 110127
Ion Ratio Lower Upper
49 100
128 47.1 23.8 71.4
130 60.2 30.8 92.4

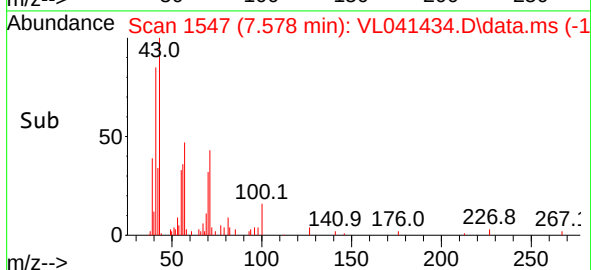
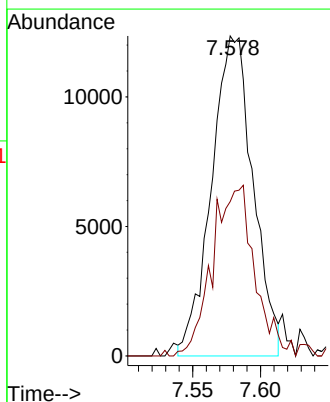
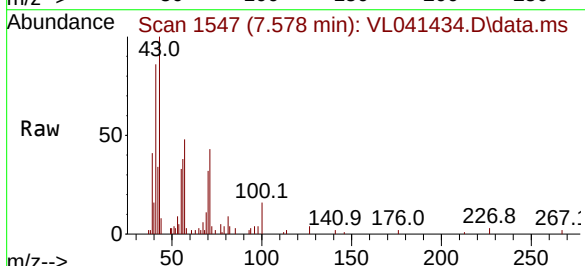
Manual Integrations
APPROVED

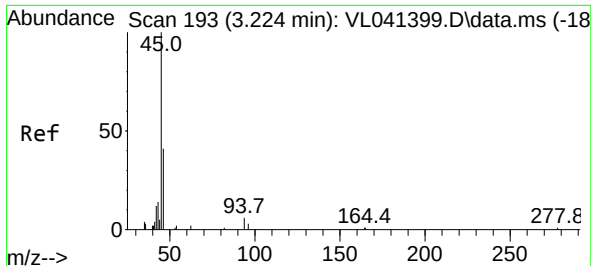
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#10
Heptane
Concen: 0.195 ppbv
RT: 7.578 min Scan# 1547
Delta R.T. 0.007 min
Lab File: VL041434.D
Acq: 29 Jul 2024 18:21

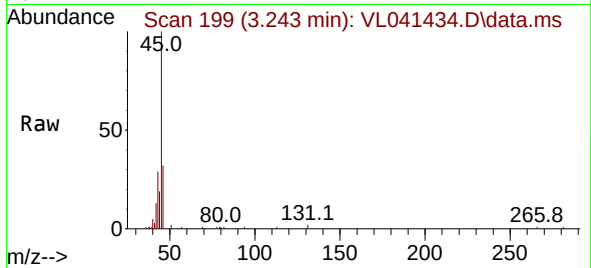
Tgt Ion: 43 Resp: 26334
Ion Ratio Lower Upper
43 100
57 54.2 40.5 60.7





#13
Ethanol
Concen: 10.722 ppbv m
RT: 3.243 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL041434.D
Acq: 29 Jul 2024 18:21

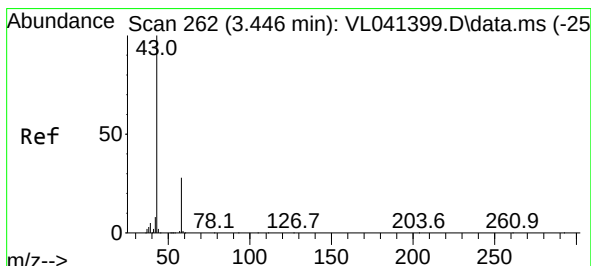
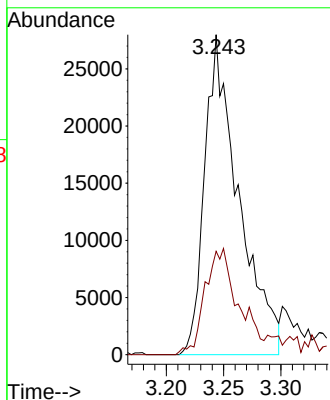
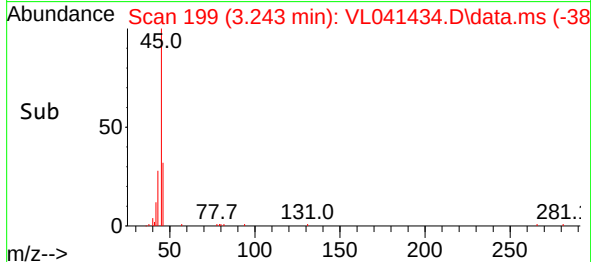
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-05DL



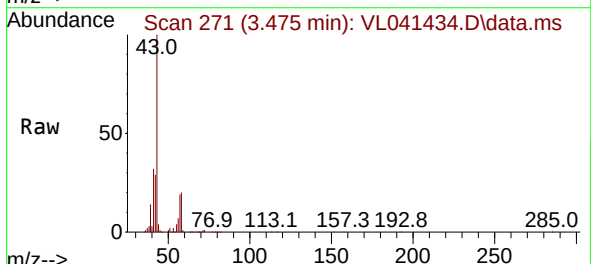
Tgt Ion: 45 Resp: 57712
Ion Ratio Lower Upper
45 100
46 35.1 13.4 53.4

Manual Integrations
APPROVED

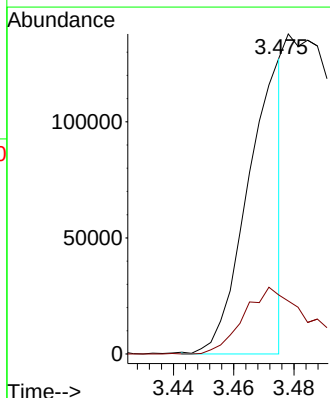
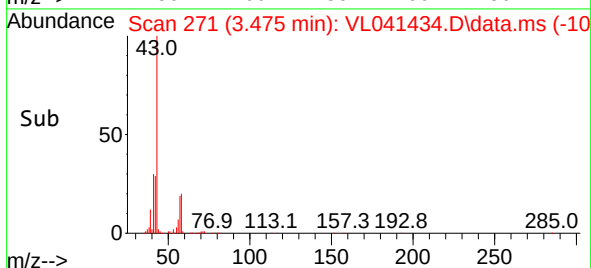
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

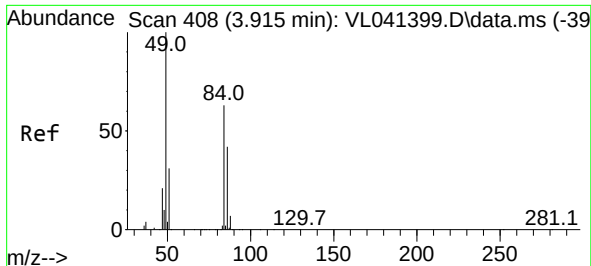


#15
Acetone
Concen: 0.806 ppbv m
RT: 3.475 min Scan# 271
Delta R.T. 0.023 min
Lab File: VL041434.D
Acq: 29 Jul 2024 18:21



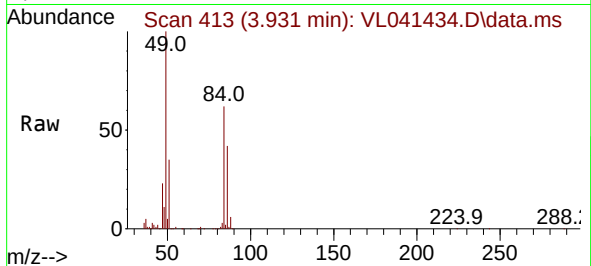
Tgt Ion: 43 Resp: 100860
Ion Ratio Lower Upper
43 100
58 51.0 21.4 32.2#





#20
Methylene Chloride
Concen: 4.878 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.013 min
Lab File: VL041434.D
Acq: 29 Jul 2024 18:21

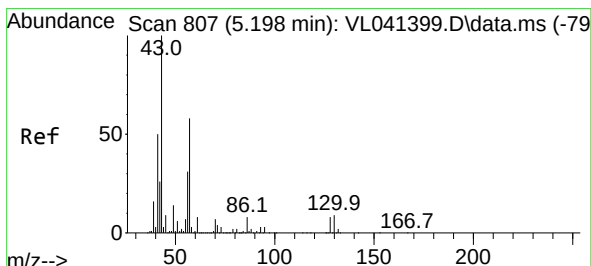
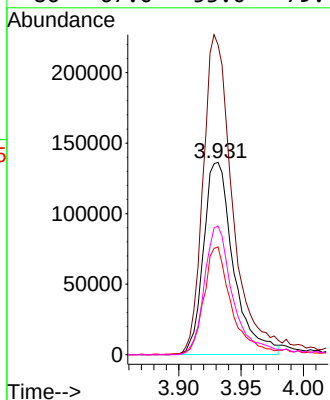
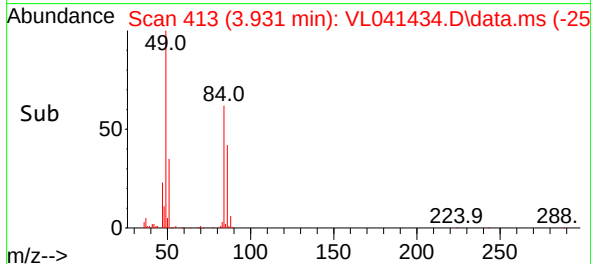
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-05DL



Tgt Ion: 84 Resp: 227600
Ion Ratio Lower Upper
84 100
49 160.9 126.6 190.0
51 55.9 38.6 58.0
86 67.0 53.0 79.4

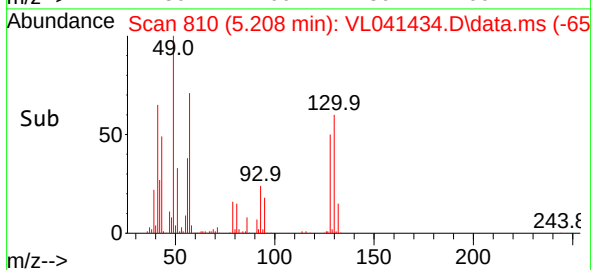
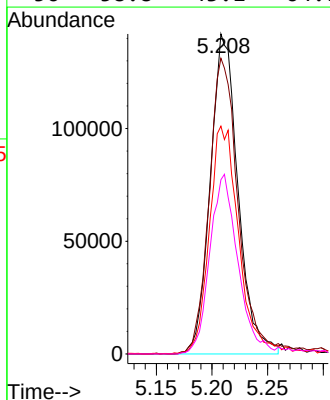
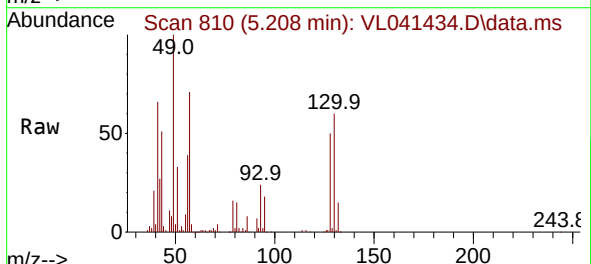
Manual Integrations
APPROVED

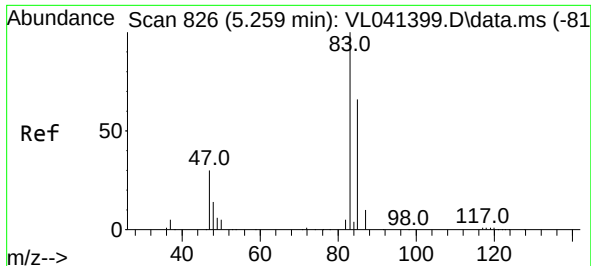
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#26
Hexane
Concen: 2.386 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.010 min
Lab File: VL041434.D
Acq: 29 Jul 2024 18:21

Tgt Ion: 57 Resp: 246023
Ion Ratio Lower Upper
57 100
41 98.6 74.0 111.0
43 76.4 193.6 290.4#
56 58.8 43.1 64.7





#29

Chloroform

Concen: 0.130 ppbv m

RT: 5.272 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL041434.D

Acq: 29 Jul 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

ACVI-SS-05DL

Tgt Ion: 83 Resp: 2188

Ion Ratio Lower Upper

83 100

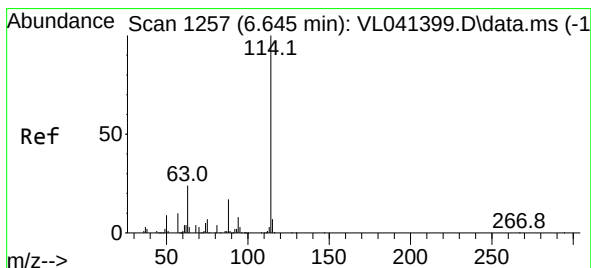
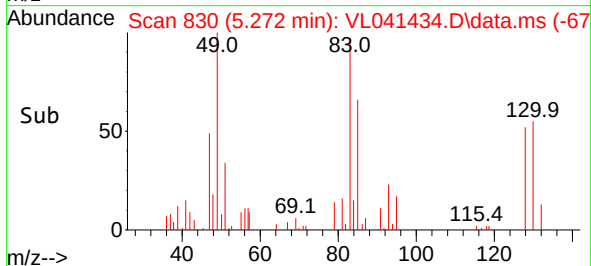
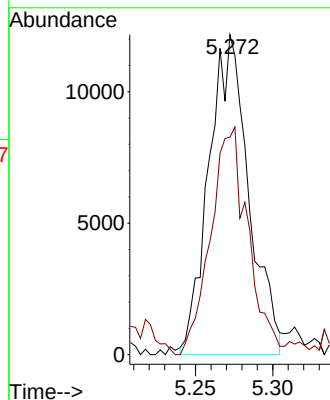
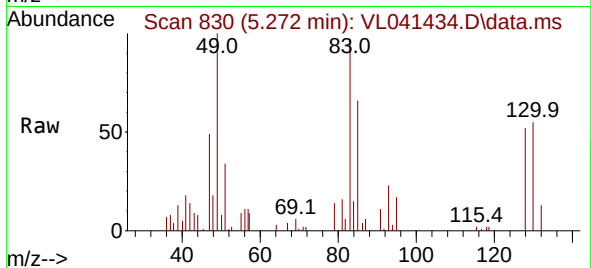
85 68.0 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VL041434.D

Acq: 29 Jul 2024 18:21

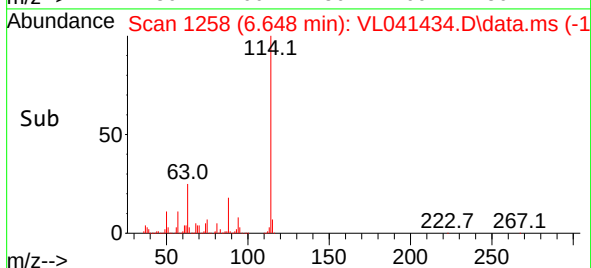
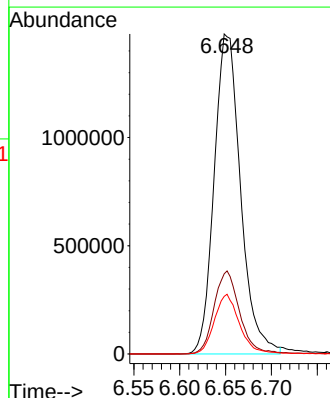
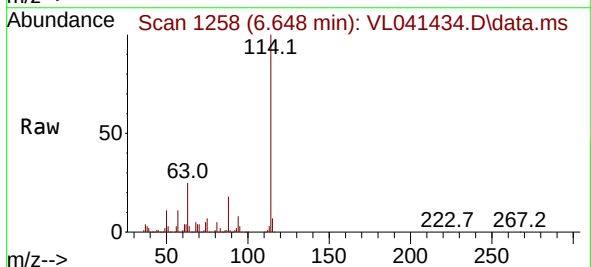
Tgt Ion:114 Resp: 2964037

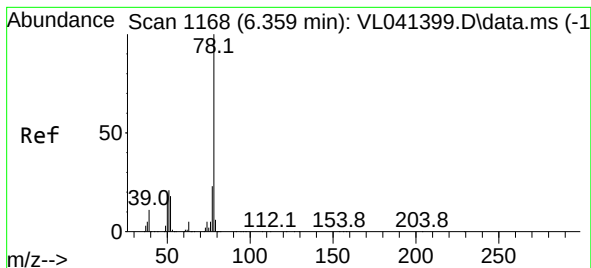
Ion Ratio Lower Upper

114 100

63 25.4 20.3 30.5

88 18.0 14.3 21.5





#36

Benzene

Concen: 0.293 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. 0.010 min

Lab File: VL041434.D

Acq: 29 Jul 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

ACVI-SS-05DL

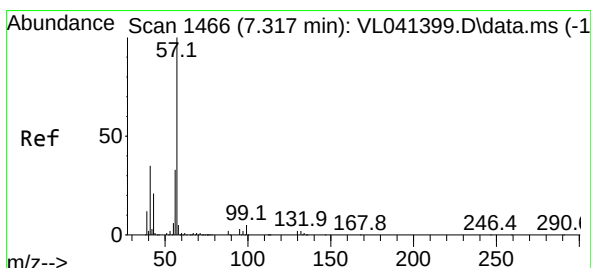
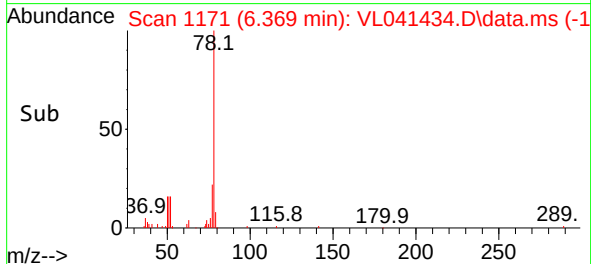
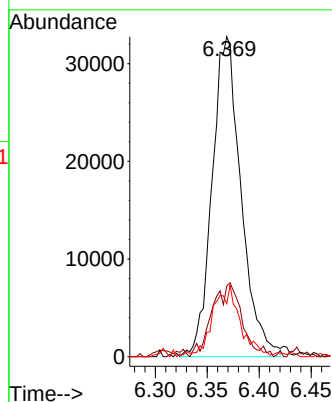
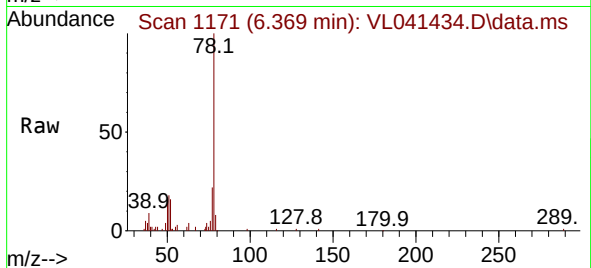
Tgt Ion: 78 Resp: 6343

Ion	Ratio	Lower	Upper
78	100		
77	20.8	18.1	27.1
50	15.7	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#44

2,2,4-Trimethylpentane

Concen: 0.127 ppbv m

RT: 7.330 min Scan# 1470

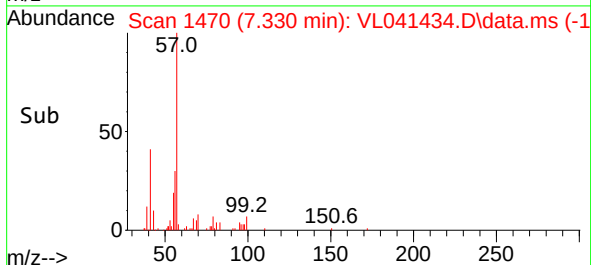
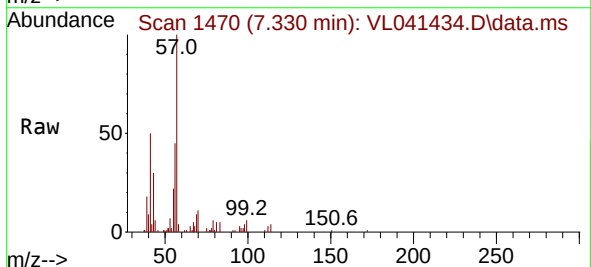
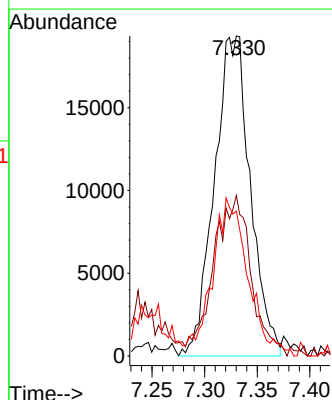
Delta R.T. 0.013 min

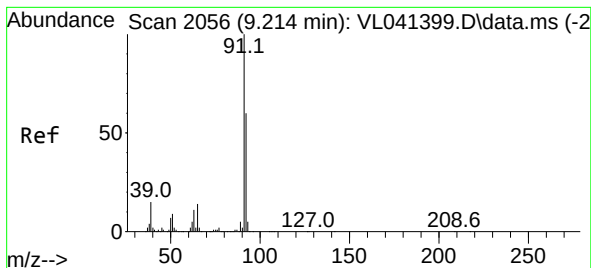
Lab File: VL041434.D

Acq: 29 Jul 2024 18:21

Tgt Ion: 57 Resp: 45987

Ion	Ratio	Lower	Upper
57	100		
41	0.0	27.0	40.6#
56	50.4	25.2	37.8#





#53

Toluene

Concen: 1.279 ppbv

RT: 9.224 min Scan# 2056

Delta R.T. 0.007 min

Lab File: VL041434.D

Acq: 29 Jul 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

ACVI-SS-05DL

Tgt Ion: 91 Resp: 30859

Ion Ratio Lower Upper

91 100

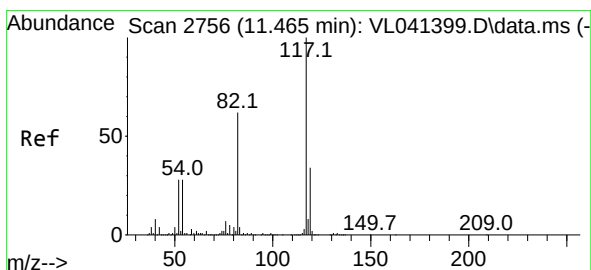
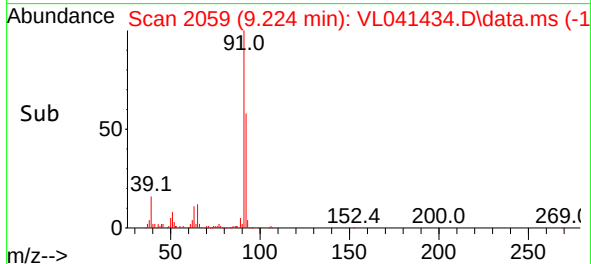
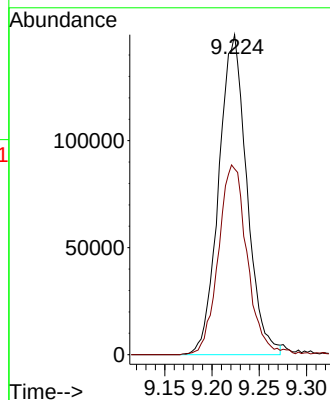
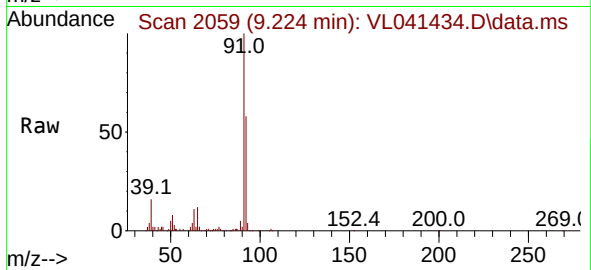
92 61.8 48.7 73.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VL041434.D

Acq: 29 Jul 2024 18:21

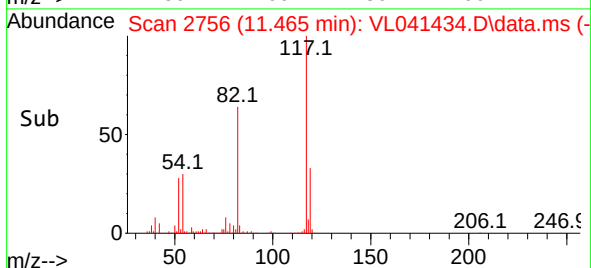
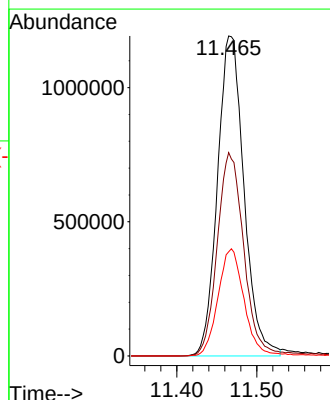
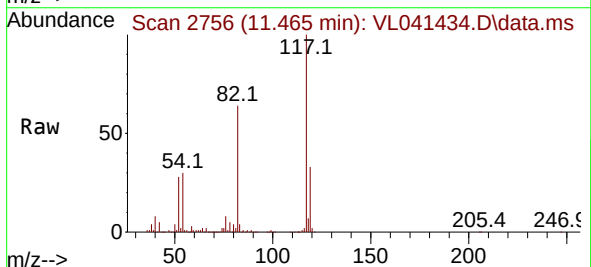
Tgt Ion:117 Resp: 2744061

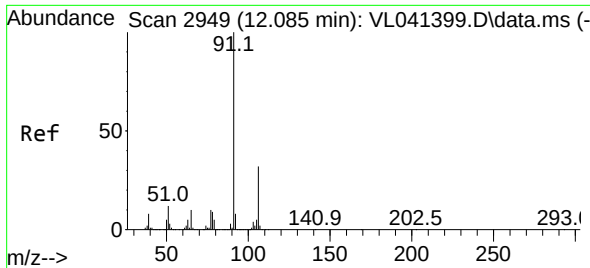
Ion Ratio Lower Upper

117 100

82 65.0 51.0 76.6

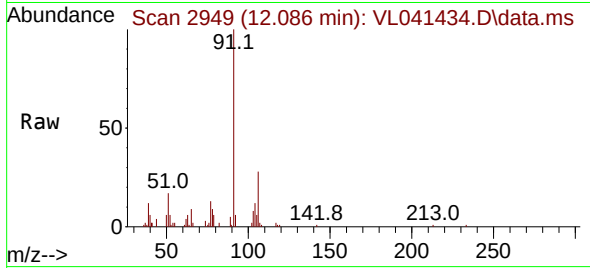
119 33.6 45.2 67.8#





#58
Ethyl Benzene
Concen: 0.159 ppbv m
RT: 12.086 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041434.D
Acq: 29 Jul 2024 18:21

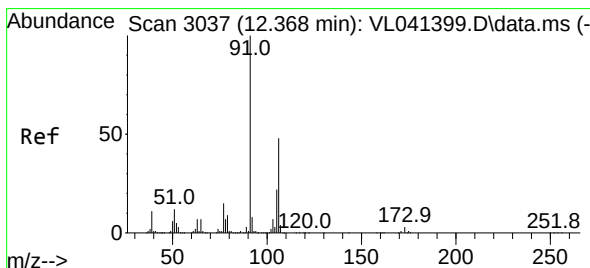
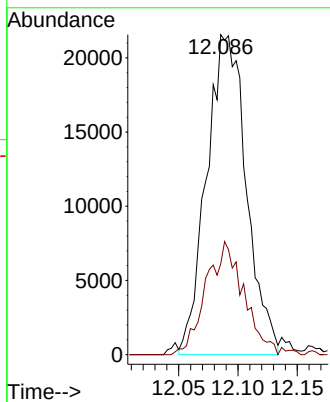
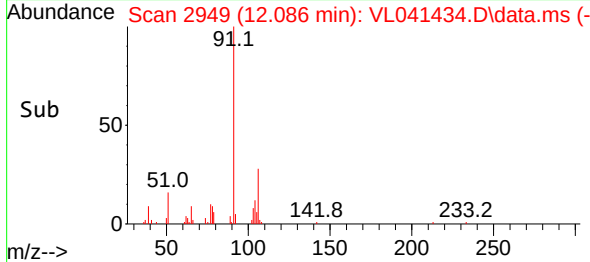
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-05DL



Tgt Ion: 91 Resp: 5035
Ion Ratio Lower Upper
91 100
106 28.5 25.8 38.8

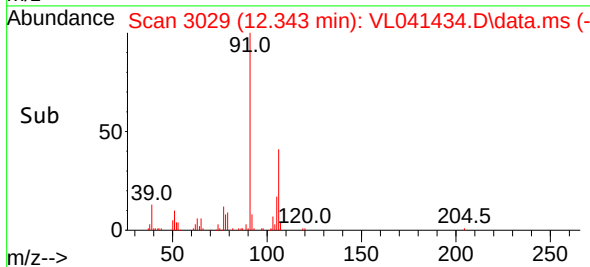
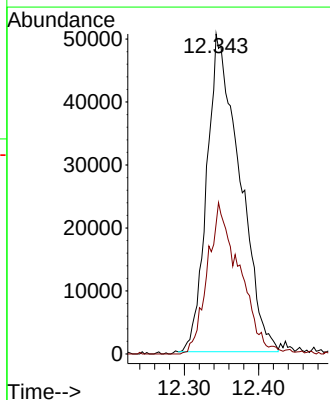
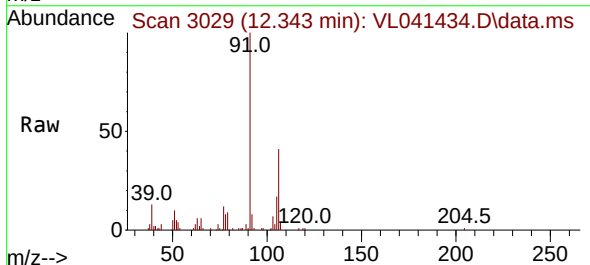
Manual Integrations
APPROVED

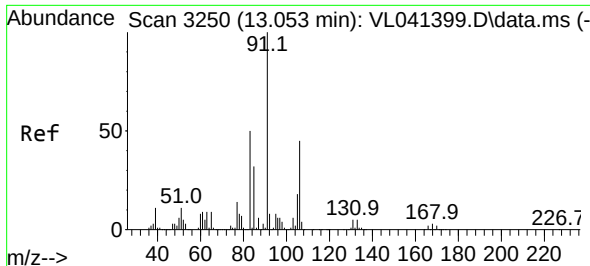
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#59
m/p-Xylene
Concen: 0.568 ppbv
RT: 12.343 min Scan# 3029
Delta R.T. -0.026 min
Lab File: VL041434.D
Acq: 29 Jul 2024 18:21

Tgt Ion: 91 Resp: 155004
Ion Ratio Lower Upper
91 100
106 47.4 36.3 54.5





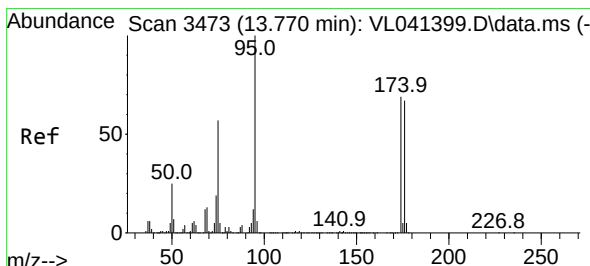
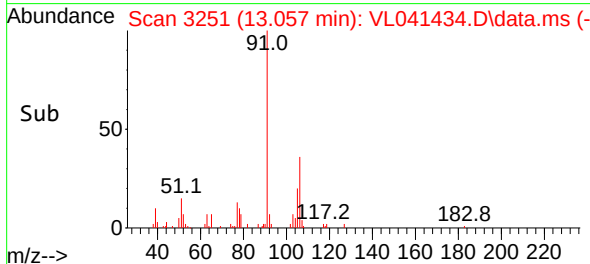
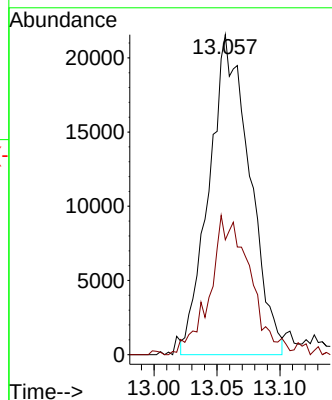
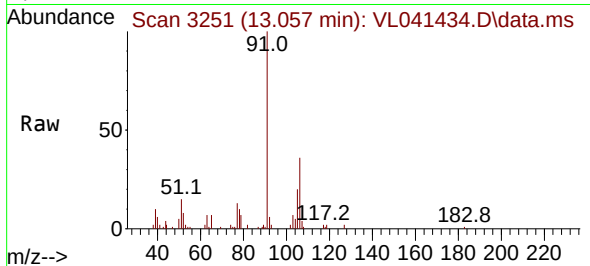
#60
o-Xylene
Concen: 0.188 ppbv m
RT: 13.057 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041434.D
Acq: 29 Jul 2024 18:21

Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-05DL

Tgt Ion: 91 Resp: 4844
Ion Ratio Lower Upper
91 100
106 44.4 23.1 69.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.071 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041434.D
Acq: 29 Jul 2024 18:21

Tgt Ion: 95 Resp: 2126621
Ion Ratio Lower Upper
95 100
174 71.7 56.3 84.5
175 4.9 4.0 6.0

