

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041326.D
 Acq On : 5 Jun 2024 14:04
 Operator : SY/MD
 Sample : P2673-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INSIDE-LOC-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 04:39:14 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Jun 05 04:42:10 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	932867	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.667	114	2399593	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2190768	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1717180	10.152	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
2) Dichlorodifluoromethane	2.764	85	19202	0.129	ppbv	96
4) Chloromethane	2.844	50	8157	0.147	ppbv	89
9) Propene	2.735	41	16101m	0.307	ppbv	
13) Ethanol	3.269	45	176207	12.899	ppbv	98
15) Acetone	3.494	43	2537071	23.820	ppbv	99
19) Isopropyl Alcohol	3.613	45	20998m	0.314	ppbv	
20) Methylene Chloride	3.957	84	3907079	100.925	ppbv	91
26) Hexane	5.233	57	3119298	32.919	ppbv #	40
30) Cyclohexane	6.626	84	11388m	0.148	ppbv	
34) 2-Butanone	4.815	43	18813m	0.164	ppbv	
53) Toluene	9.230	91	49759m	0.233	ppbv	
59) m/p-Xylene	12.371	91	40084m	0.167	ppbv	

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

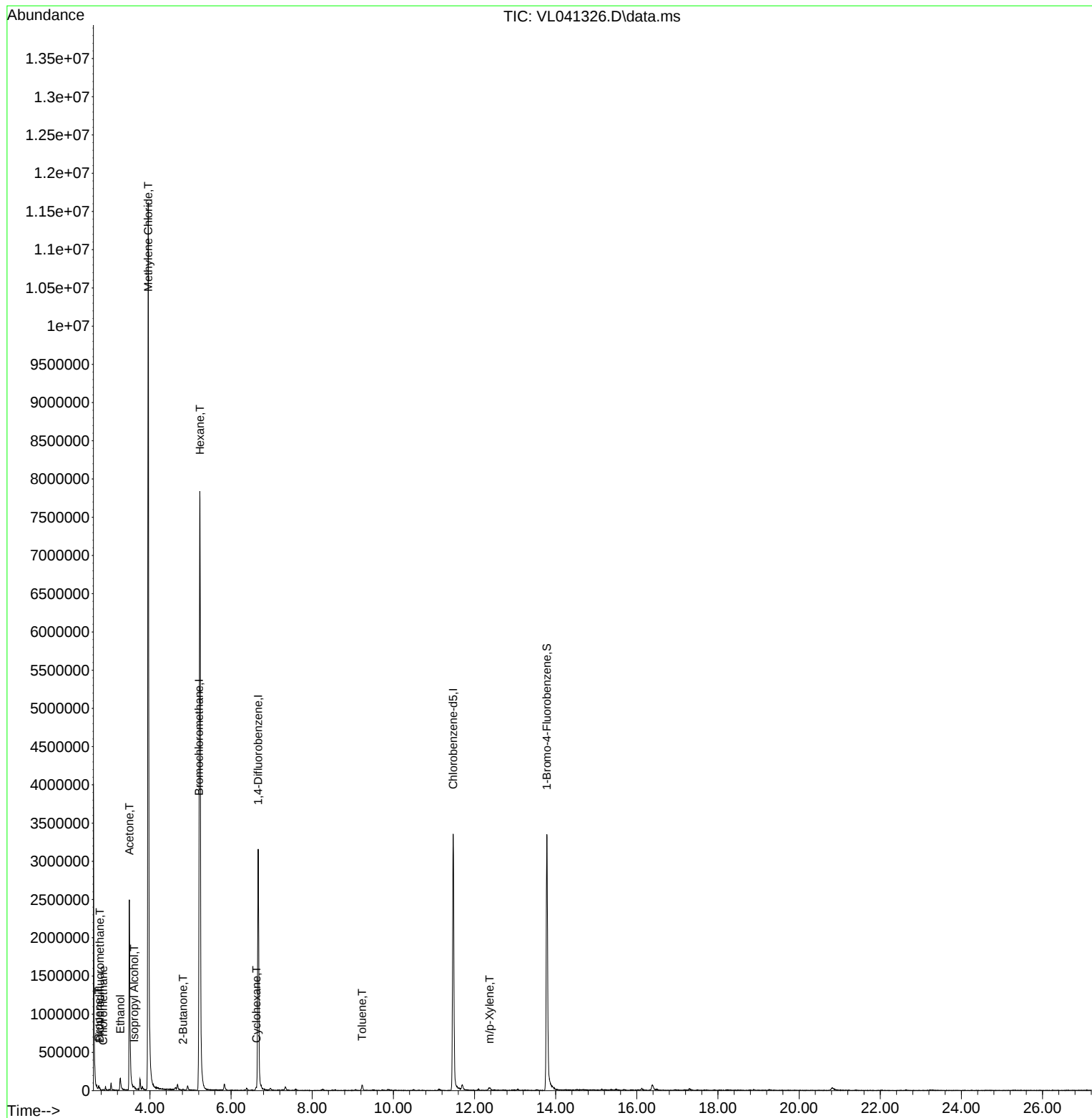
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
Data File : VL041326.D
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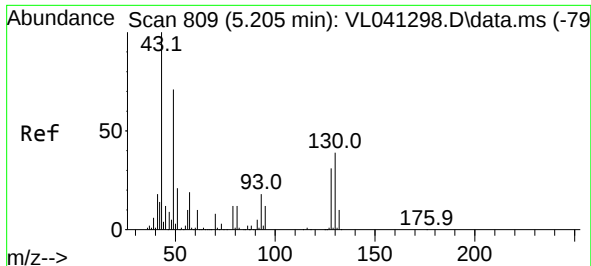
Instrument :
MSVOA_L
ClientSampleId :
INSIDE-LOC-3DL

Quant Time: Jun 06 04:39:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Jun 05 04:42:10 2024
Response via : Initial Calibration

Manual Integrations
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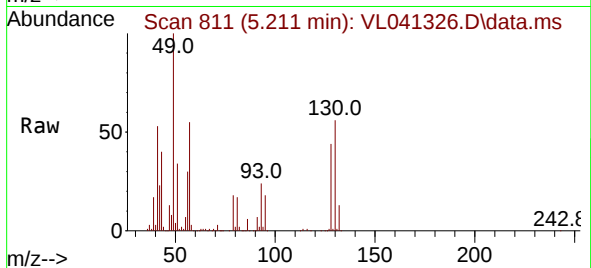
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.006 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04

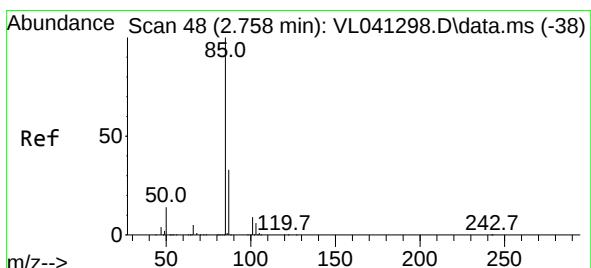
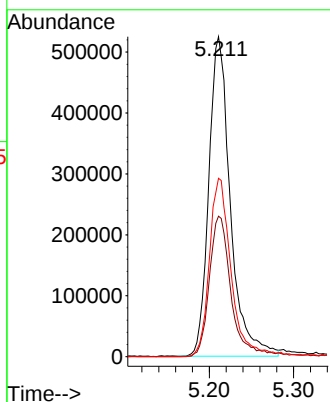
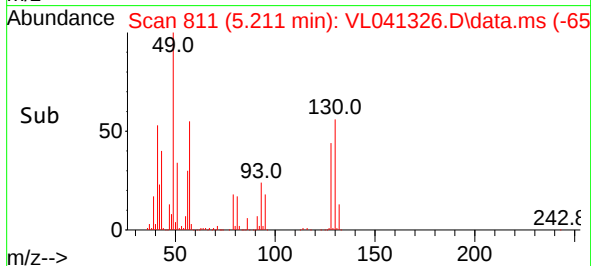
Instrument :
MSVOA_L
ClientSampleId :
INSIDE-LOC-3DL



Tgt Ion: 49 Resp: 93286
Ion Ratio Lower Upper
49 100
128 45.7 22.8 68.3
130 57.6 28.4 85.3

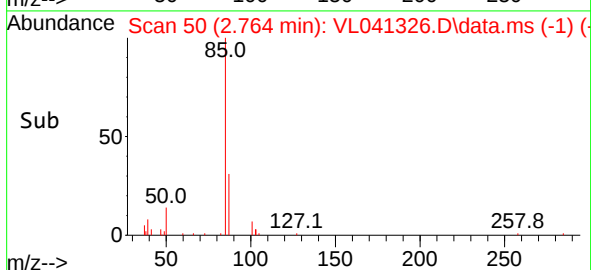
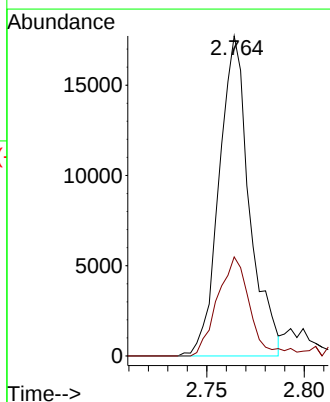
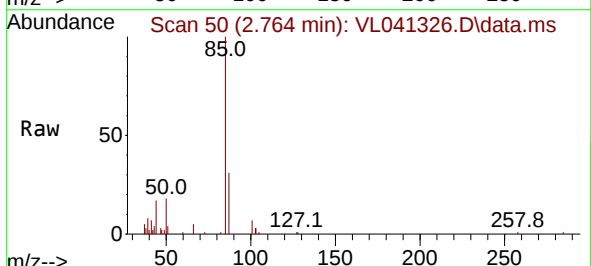
Manual Integrations
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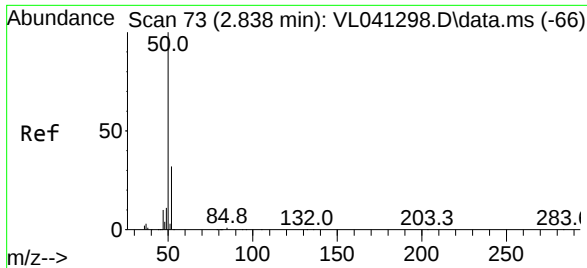
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#2
Dichlorodifluoromethane
Concen: 0.129 ppbv
RT: 2.764 min Scan# 50
Delta R.T. 0.006 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04

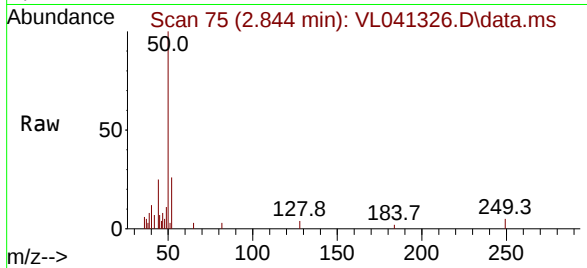
Tgt Ion: 85 Resp: 19202
Ion Ratio Lower Upper
85 100
87 30.9 26.5 39.7





#4
Chloromethane
Concen: 0.147 ppbv
RT: 2.844 min Scan# 71
Delta R.T. 0.006 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04

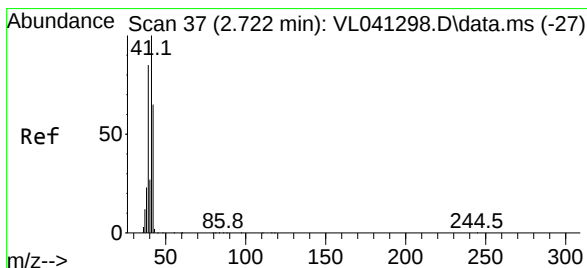
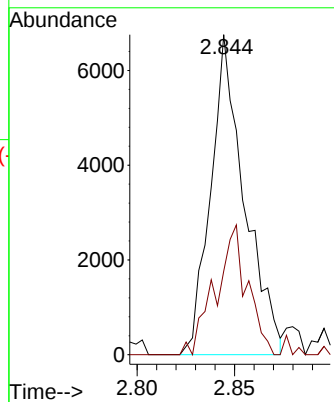
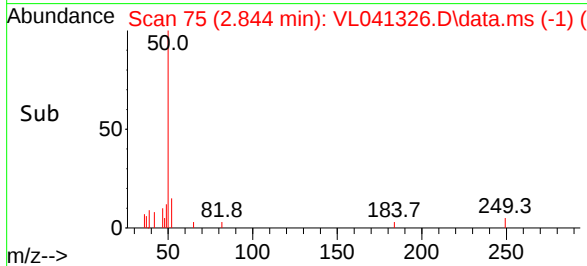
Instrument :
MSVOA_L
ClientSampleId :
INSIDE-LOC-3DL



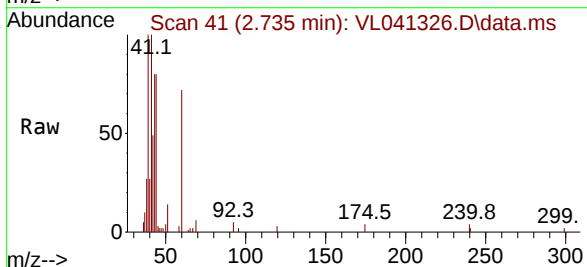
Tgt Ion: 50 Resp: 815
Ion Ratio Lower Upper
50 100
52 26.1 25.6 38.4

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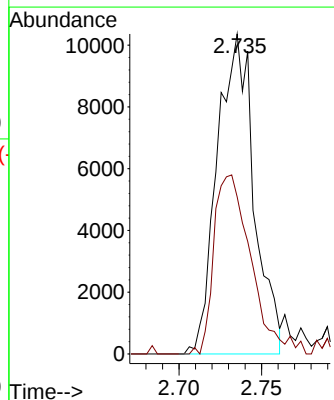
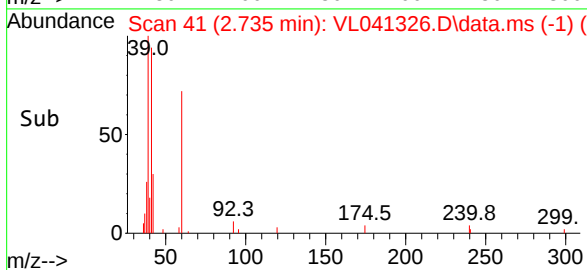
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

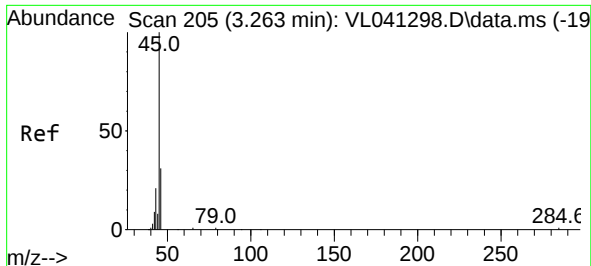


#9
Propene
Concen: 0.307 ppbv m
RT: 2.735 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04



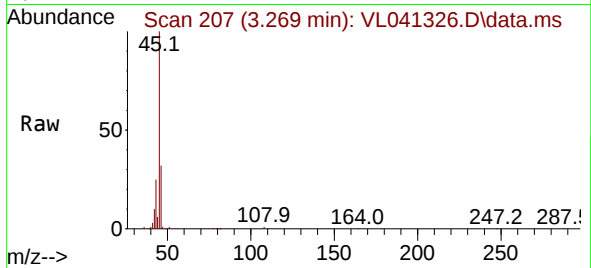
Tgt Ion: 41 Resp: 16101
Ion Ratio Lower Upper
41 100
42 56.1 55.2 82.8





#13
Ethanol
Concen: 12.899 ppbv
RT: 3.269 min Scan# 205
Delta R.T. 0.006 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04

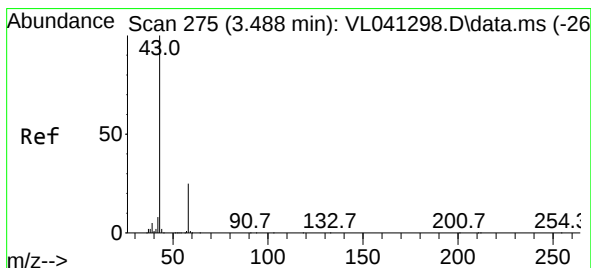
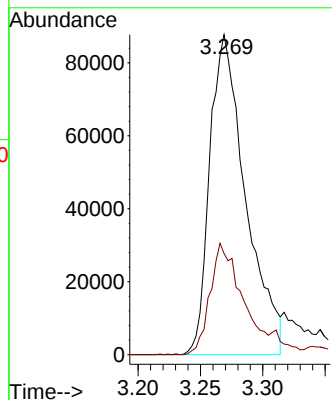
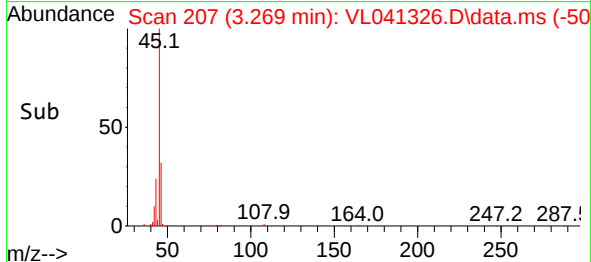
Instrument :
MSVOA_L
ClientSampleId :
INSIDE-LOC-3DL



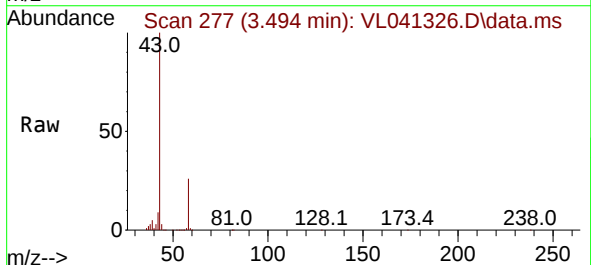
Tgt Ion: 45 Resp: 176207
Ion Ratio Lower Upper
45 100
46 36.4 14.2 56.6

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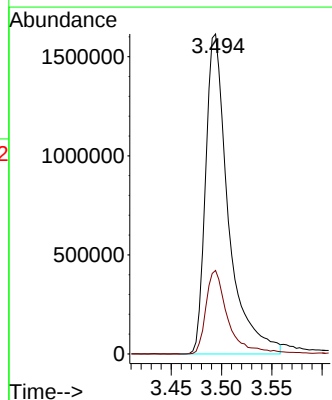
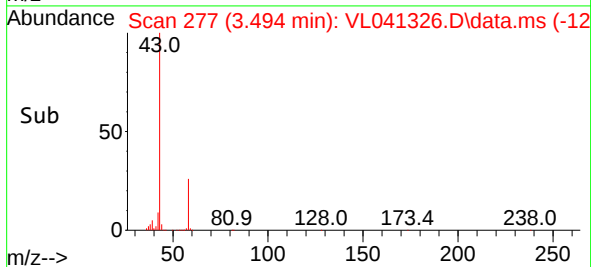
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

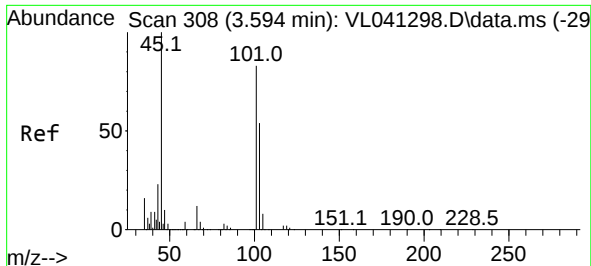


#15
Acetone
Concen: 23.820 ppbv
RT: 3.494 min Scan# 277
Delta R.T. 0.006 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04



Tgt Ion: 43 Resp: 2537071
Ion Ratio Lower Upper
43 100
58 26.2 20.6 31.0





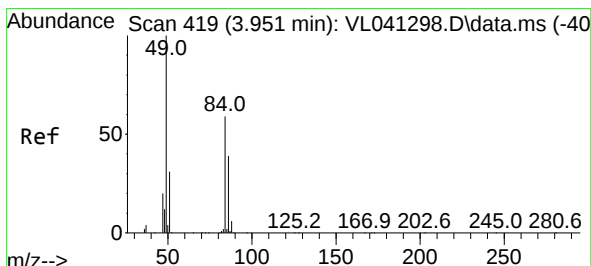
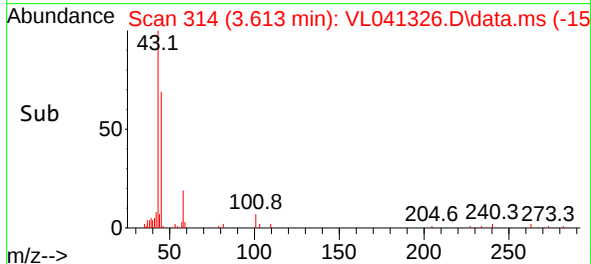
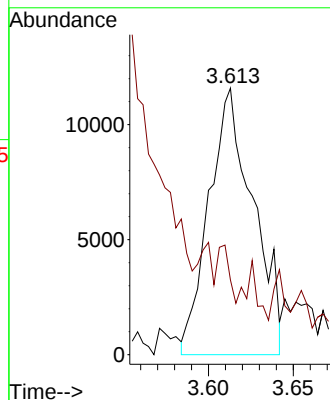
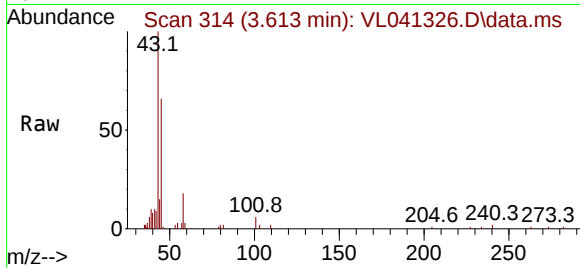
#19
Isopropyl Alcohol
Concen: 0.314 ppbv m
RT: 3.613 min Scan# 314
Delta R.T. 0.019 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04

Instrument :
MSVOA_L
ClientSampleId :
INSIDE-LOC-3DL

Tgt Ion: 45 Resp: 20998
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.2

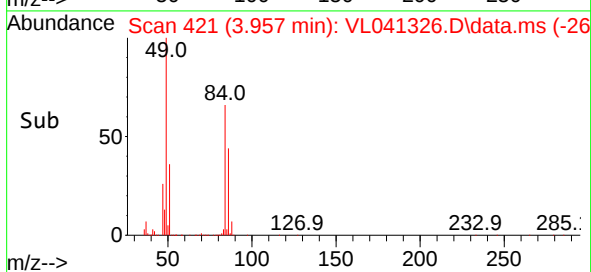
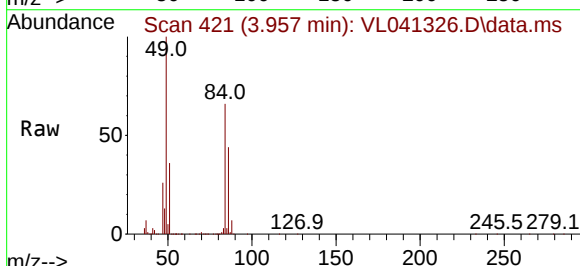
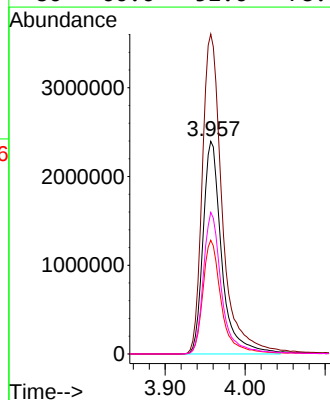
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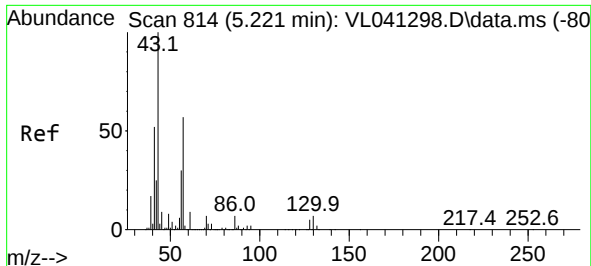
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#20
Methylene Chloride
Concen: 100.925 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.006 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04

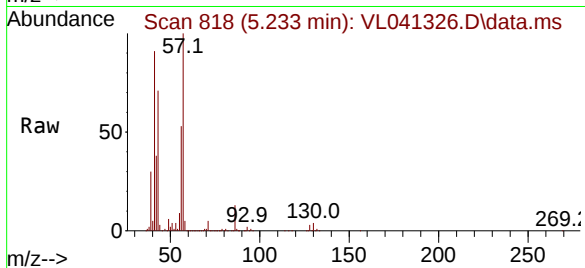
Tgt Ion: 84 Resp: 3907079
Ion Ratio Lower Upper
84 100
49 150.4 136.2 204.2
51 53.5 41.9 62.9
86 66.6 52.6 78.8





#26
Hexane
Concen: 32.919 ppbv
RT: 5.233 min Scan# 814
Delta R.T. 0.013 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04

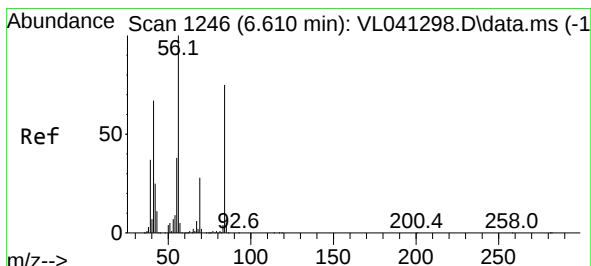
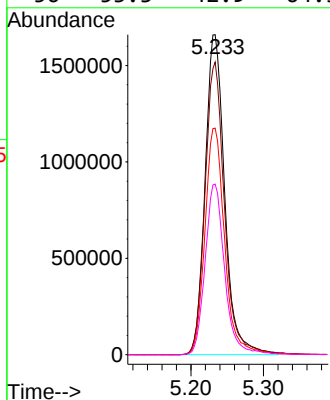
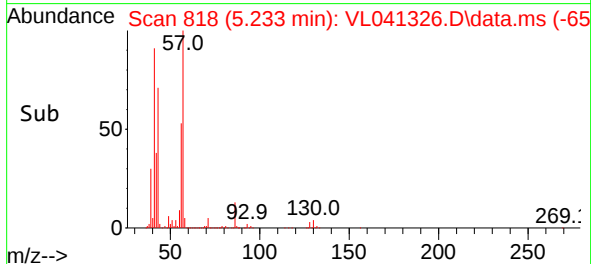
Instrument :
MSVOA_L
ClientSampleId :
INSIDE-LOC-3DL



Tgt Ion: 57 Resp: 3119298
Ion Ratio Lower Upper
57 100
41 91.8 77.1 115.7
43 71.6 186.1 279.1
56 53.3 42.9 64.3

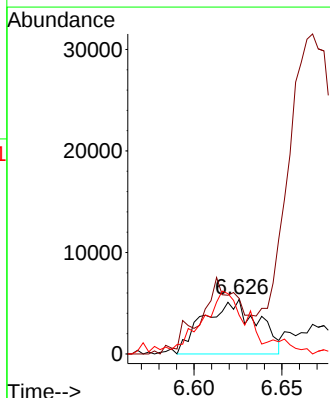
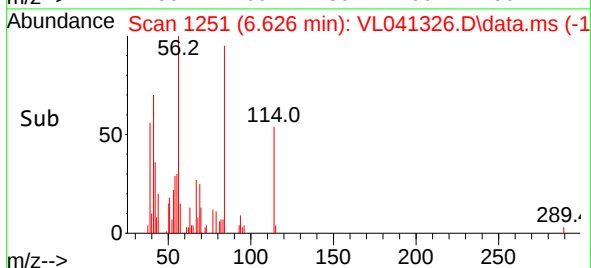
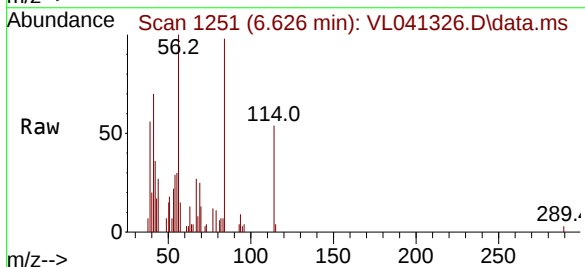
Manual Integrations
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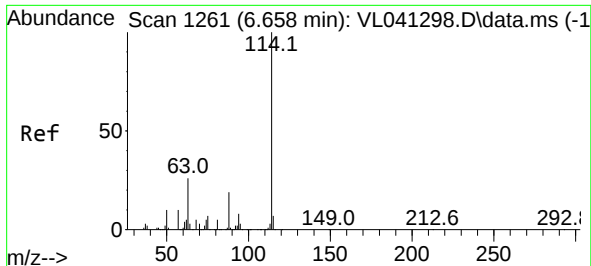
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#30
Cyclohexane
Concen: 0.148 ppbv m
RT: 6.626 min Scan# 1251
Delta R.T. 0.016 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04

Tgt Ion: 84 Resp: 11388
Ion Ratio Lower Upper
84 100
56 0.0 114.9 172.3#
41 114.6 74.4 111.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.667 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL041326.D

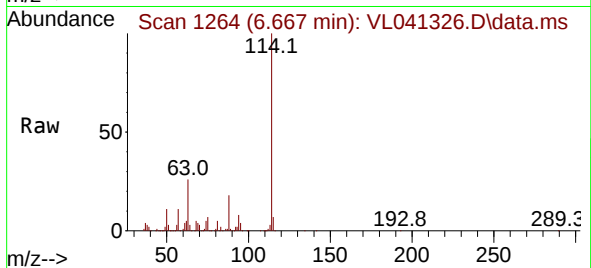
Acq: 5 Jun 2024 14:04

Instrument :

MSVOA_L

ClientSampleId :

INSIDE-LOC-3DL



Tgt Ion:114 Resp: 239959

Ion Ratio Lower Upper

114 100

63 25.8 20.6 30.8

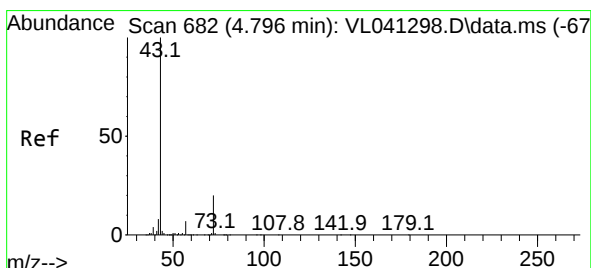
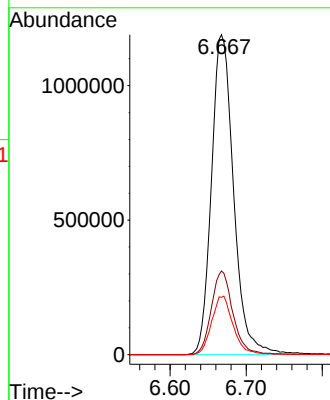
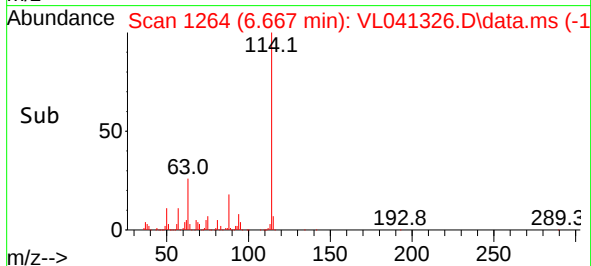
88 18.0 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#34

2-Butanone

Concen: 0.164 ppbv m

RT: 4.815 min Scan# 688

Delta R.T. 0.019 min

Lab File: VL041326.D

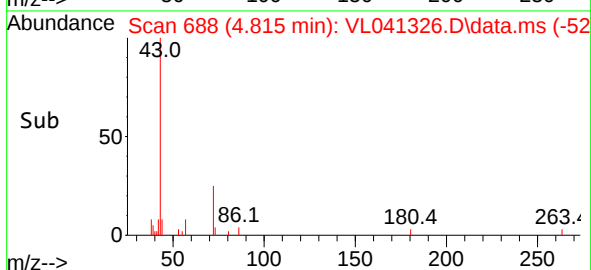
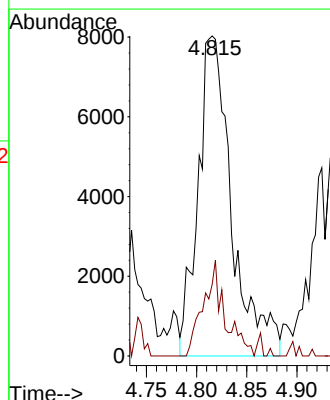
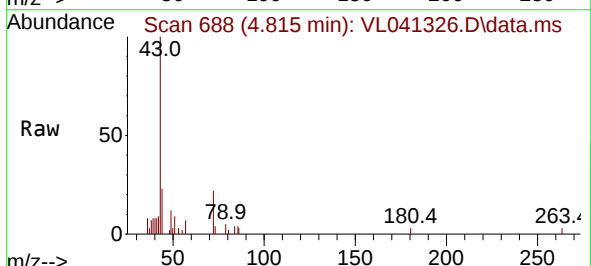
Acq: 5 Jun 2024 14:04

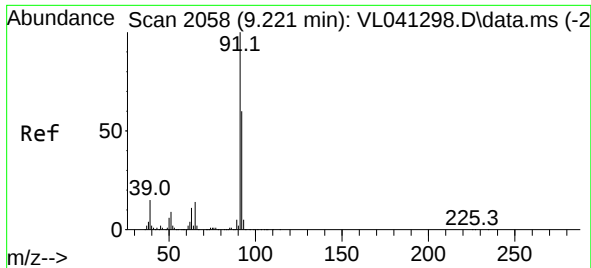
Tgt Ion: 43 Resp: 18813

Ion Ratio Lower Upper

43 100

72 54.8 17.4 26.0#





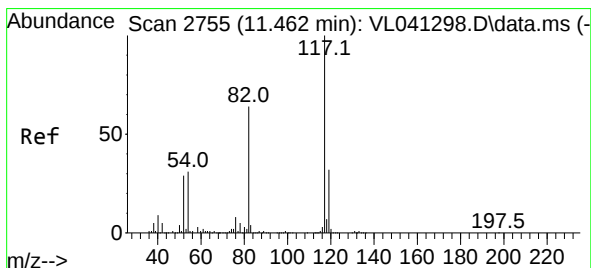
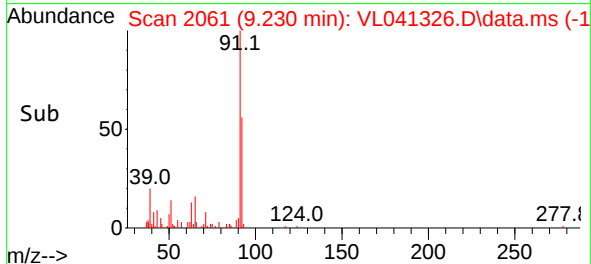
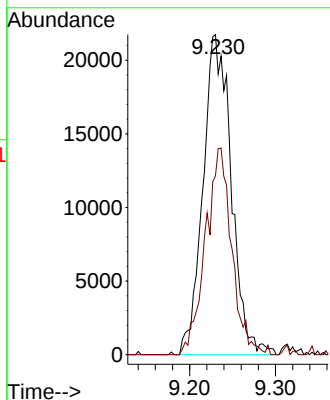
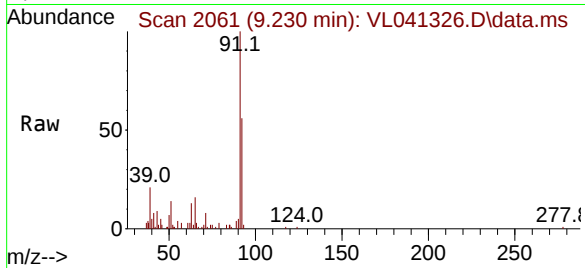
#53
Toluene
Concen: 0.233 ppbv m
RT: 9.230 min Scan# 2058
Delta R.T. 0.010 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04

Instrument :
MSVOA_L
ClientSampleId :
INSIDE-LOC-3DL

Tgt Ion: 91 Resp: 49758
Ion Ratio Lower Upper
91 100
92 60.7 49.2 73.8

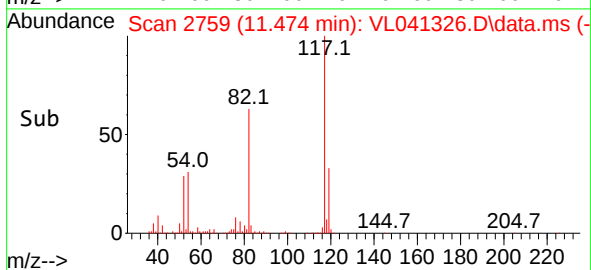
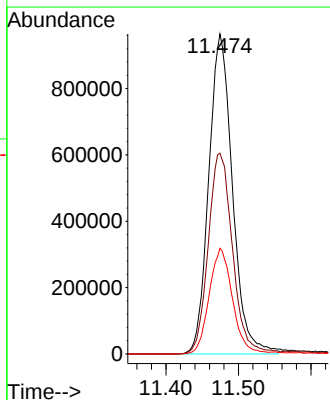
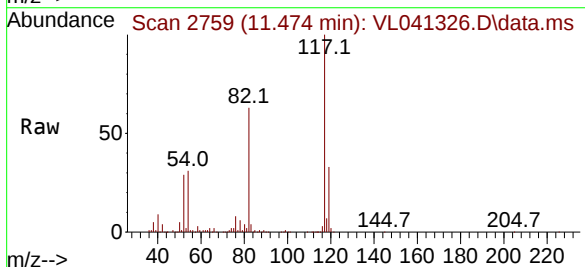
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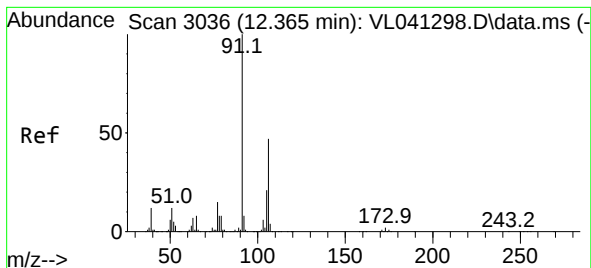
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. 0.013 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04

Tgt Ion:117 Resp: 2190768
Ion Ratio Lower Upper
117 100
82 66.0 52.3 78.5
119 32.7 26.2 39.2





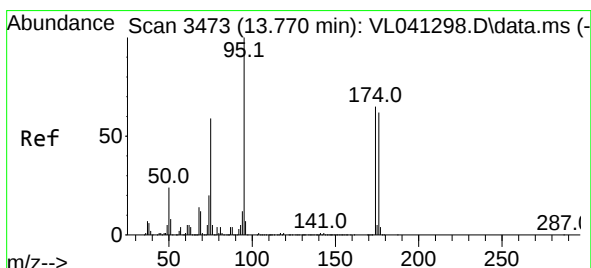
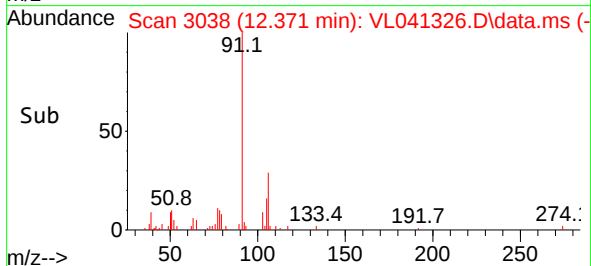
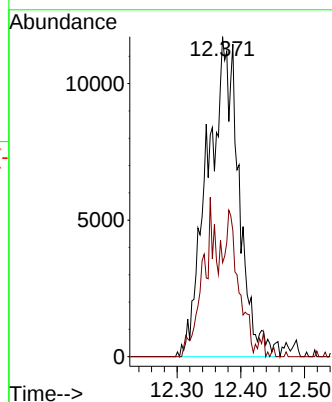
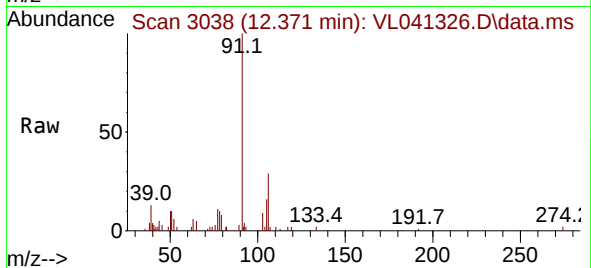
#59
m/p-Xylene
Concen: 0.167 ppbv m
RT: 12.371 min Scan# 3036
Delta R.T. 0.006 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04

Instrument :
MSVOA_L
ClientSampleId :
INSIDE-LOC-3DL

Tgt Ion: 91 Resp: 40084
Ion Ratio Lower Upper
91 100
106 21.2 35.7 53.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.152 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.013 min
Lab File: VL041326.D
Acq: 5 Jun 2024 14:04

Tgt Ion: 95 Resp: 1717180
Ion Ratio Lower Upper
95 100
174 64.2 52.2 78.2
175 4.6 4.1 6.1

