

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
 Data File : VL041222.D
 Acq On : 6 May 2024 17:39
 Operator : SY/MD
 Sample : P2334-11DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-03-IA03-20240425DL

Quant Time: May 07 05:26:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue May 07 05:19:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/07/2024
 Supervised By : Mahesh Dadoda 05/07/2024

Supervised By : Mahesh
 Dadoda
 05/07/2024

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

Internal Standards						
1) Bromochloromethane	5.198	49	921771	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2384820	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2187524	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1657347	10.036	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.738	85	15522	0.124	ppbv	93
4) Chloromethane	2.822	50	6959	0.127	ppbv	90
9) Propene	2.709	41	19751	0.361	ppbv #	82
13) Ethanol	3.243	45	1882826	153.305	ppbv	99
15) Acetone	3.478	43	315371	2.899	ppbv	99
19) Isopropyl Alcohol	3.584	45	312867	4.383	ppbv #	45
20) Methylene Chloride	3.941	84	21334	0.564	ppbv #	90
25) Ethyl Acetate	5.211	43	99996	0.461	ppbv #	97
26) Hexane	5.221	57	49756m	0.513	ppbv	
36) Benzene	6.372	78	8436	0.042	ppbv #	89
52) Tetrachloroethene	10.616	164	4617m	0.066	ppbv	
53) Toluene	9.224	91	37343m	0.161	ppbv	

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

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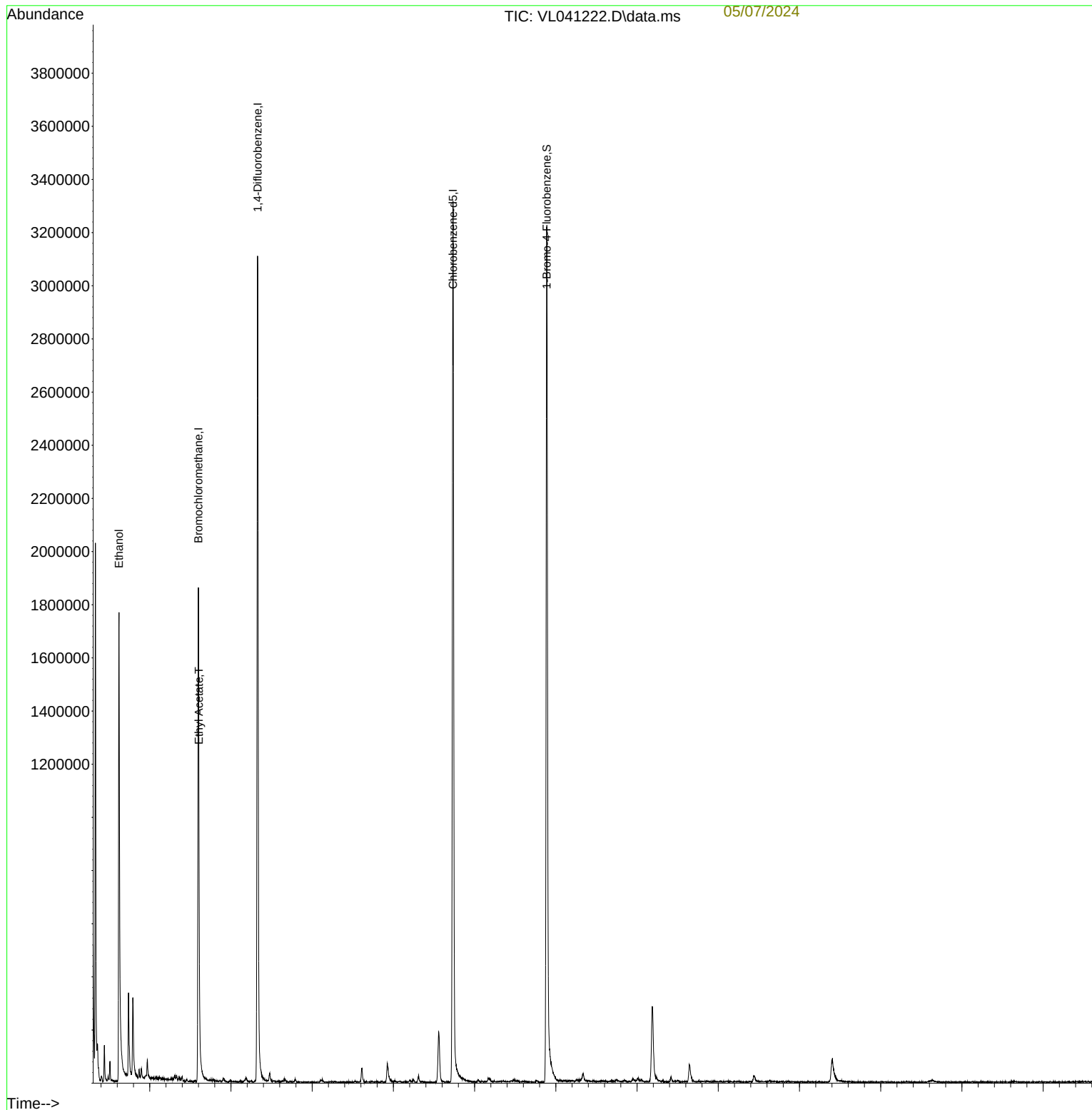
Instrument :
MSVOA_L
ClientSampleId :
BA-03-IA03-20240425DL

Quant Time: May 07 05:26:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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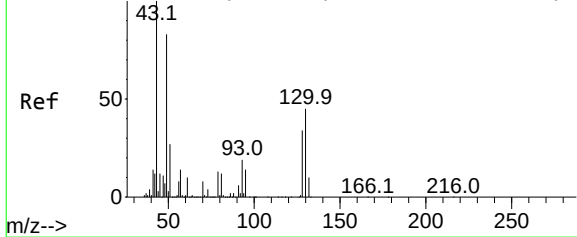
Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 05/07/2024
Supervised By : Mahesh Dadoda 05/07/2024

Supervised By : Mahesh
Dadoda
05/07/2024



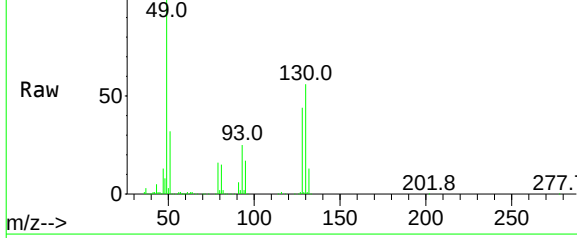
Abundance Scan 804 (5.189 min): VL041179.D\data.ms (-79



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041222.D
Acq: 6 May 2024 17:39

Instrument :
MSVOA_L
ClientSampleId :
BA-03-IA03-20240425DL

Abundance Scan 807 (5.198 min): VL041222.D\data.ms



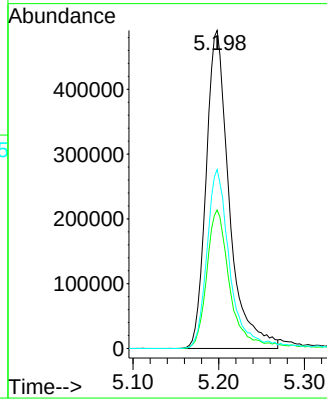
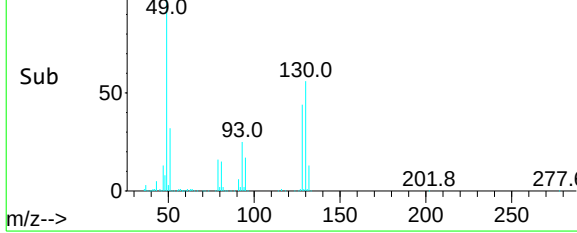
Tgt Ion: 49 Resp: 921771
Ion Ratio Lower Upper
49 100
128 45.1 21.5 64.5
130 57.4 27.2 81.6

Manual Integrations
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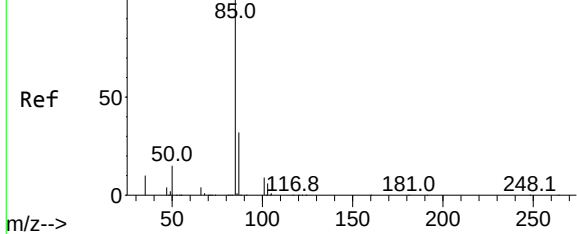
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

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Dadoda
05/07/2024

Abundance Scan 807 (5.198 min): VL041222.D\data.ms (-65



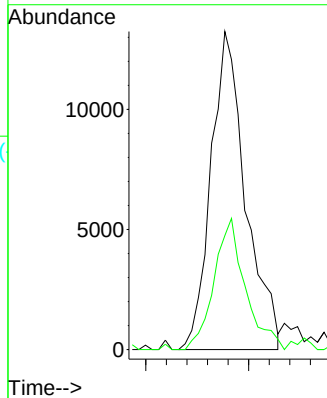
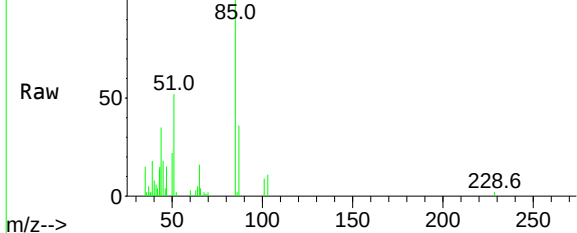
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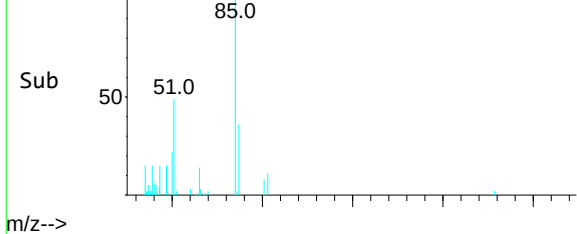
#2
Dichlorodifluoromethane
Concen: 0.124 ppbv
RT: 2.738 min Scan# 42
Delta R.T. 0.000 min
Lab File: VL041222.D
Acq: 6 May 2024 17:39

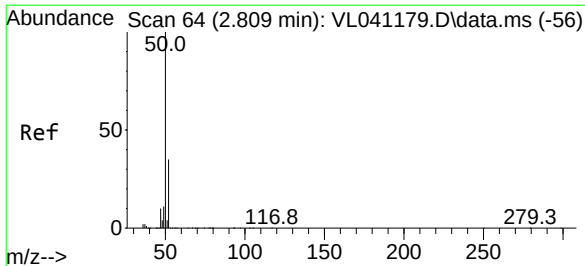
Tgt Ion: 85 Resp: 15522
Ion Ratio Lower Upper
85 100
87 35.8 25.7 38.5

Abundance Scan 42 (2.738 min): VL041222.D\data.ms



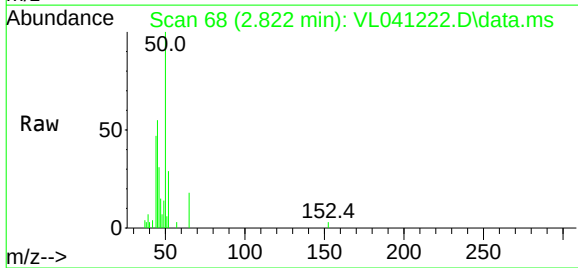
Abundance Scan 42 (2.738 min): VL041222.D\data.ms (-1)





#4
Chloromethane
Concen: 0.127 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.000 min
Lab File: VL041222.D
Acq: 6 May 2024 17:39

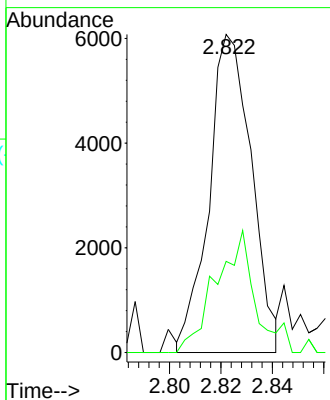
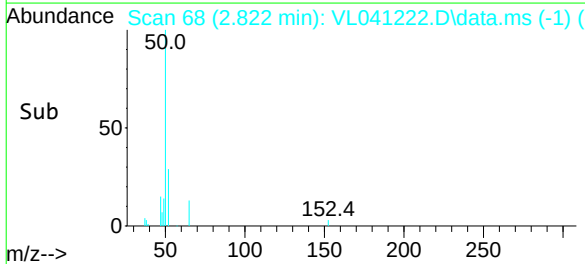
Instrument :
MSVOA_L
ClientSampleId :
BA-03-IA03-20240425DL



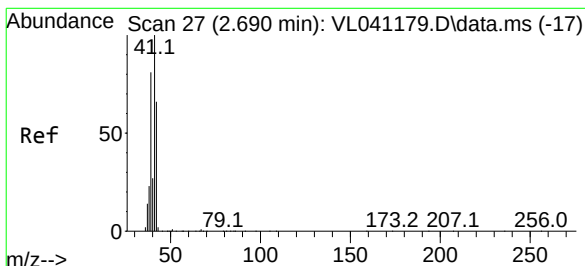
Tgt Ion: 50 Resp: 6959
Ion Ratio Lower Upper
50 100
52 29.6 28.3 42.5

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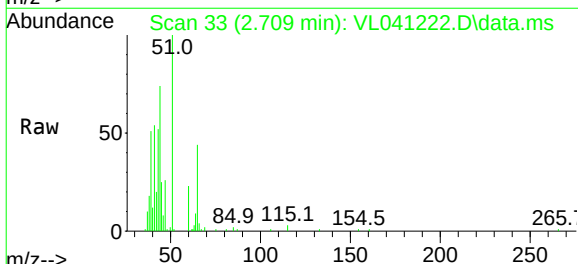
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



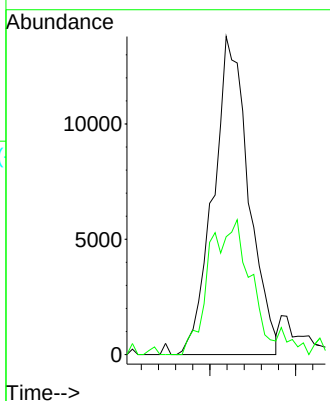
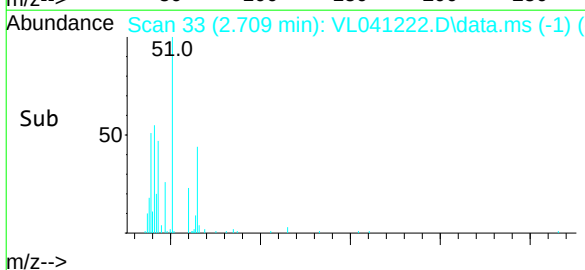
Supervised By :Mahesh
Dadoda
05/07/2024

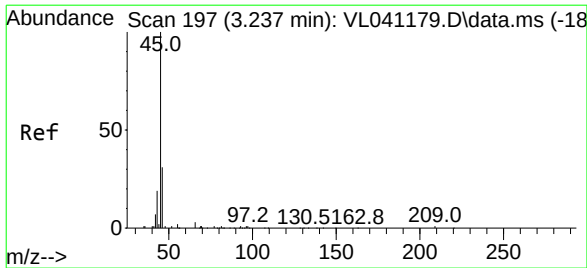


#9
Propene
Concen: 0.361 ppbv
RT: 2.709 min Scan# 33
Delta R.T. 0.006 min
Lab File: VL041222.D
Acq: 6 May 2024 17:39



Tgt Ion: 41 Resp: 19751
Ion Ratio Lower Upper
41 100
42 54.1 55.3 82.9#





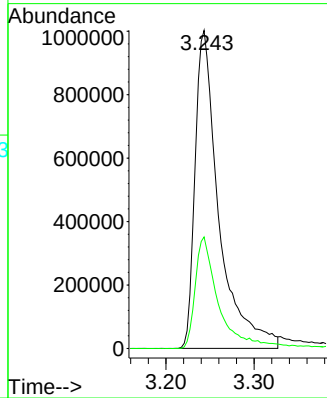
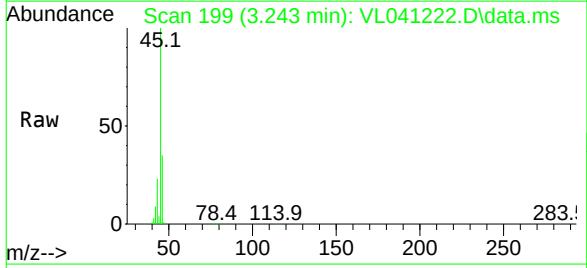
#13
Ethanol
Concen: 153.305 ppbv
RT: 3.243 min Scan# 19
Delta R.T. 0.000 min
Lab File: VL041222.D
Acq: 6 May 2024 17:39

Instrument :
MSVOA_L
ClientSampleId :
BA-03-IA03-20240425DL

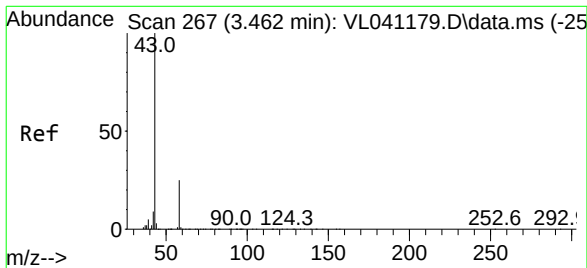
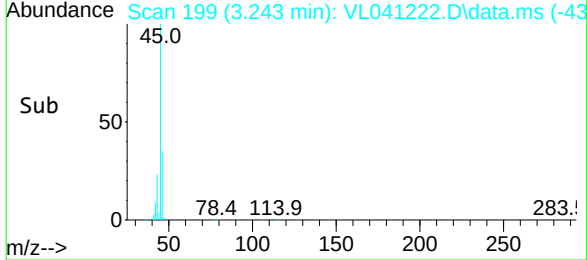
Tgt Ion: 45 Resp: 1882826
Ion Ratio Lower Upper
45 100
46 36.0 14.8 59.0

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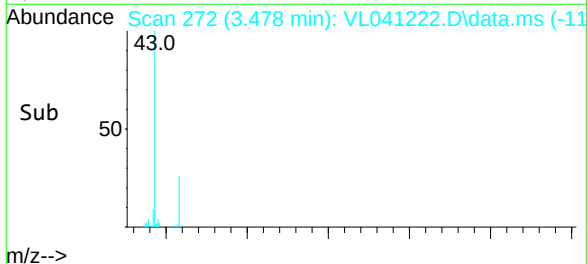
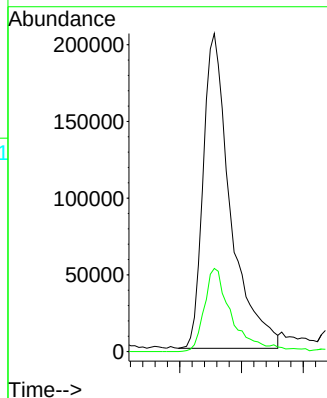
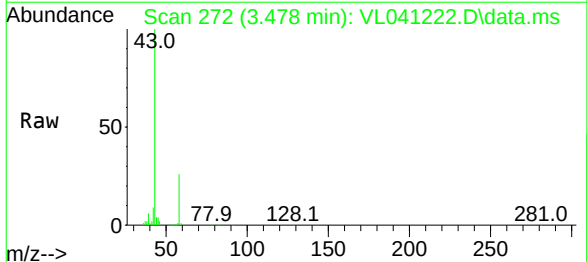


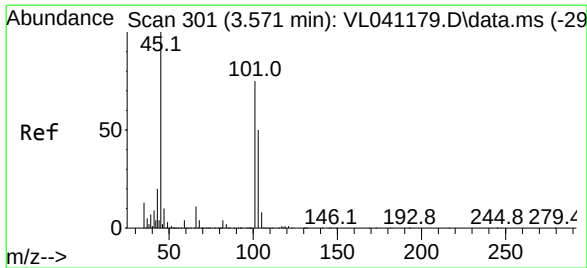
Supervised By :Mahesh
Dadoda
05/07/2024



#15
Acetone
Concen: 2.899 ppbv
RT: 3.478 min Scan# 272
Delta R.T. 0.003 min
Lab File: VL041222.D
Acq: 6 May 2024 17:39

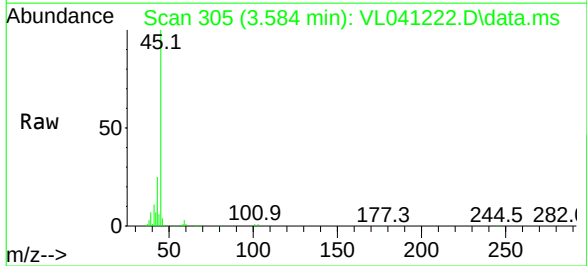
Tgt Ion: 43 Resp: 315371
Ion Ratio Lower Upper
43 100
58 27.0 21.4 32.0





#19
Isopropyl Alcohol
Concen: 4.383 ppbv
RT: 3.584 min Scan# 301
Delta R.T. 0.003 min
Lab File: VL041222.D
Acq: 6 May 2024 17:39

Instrument : MSVOA_L
ClientSampleId : BA-03-IA03-20240425DL

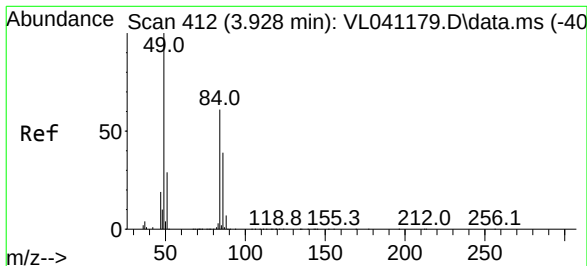
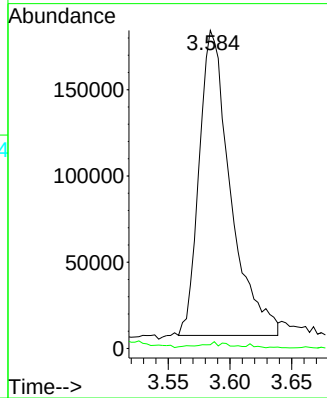
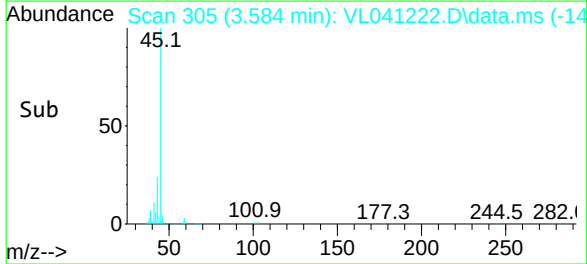


Tgt Ion: 45 Resp: 312867
Ion Ratio Lower Upper
45 100
58 2.2 26.8 40.2#

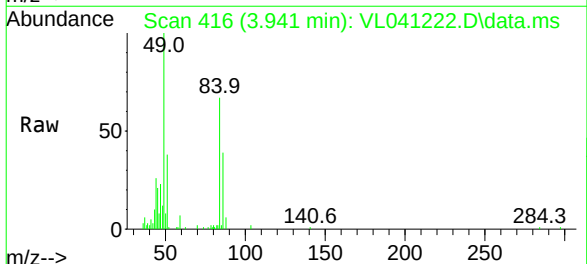
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Supervised By :Mahesh Dadoda 05/07/2024

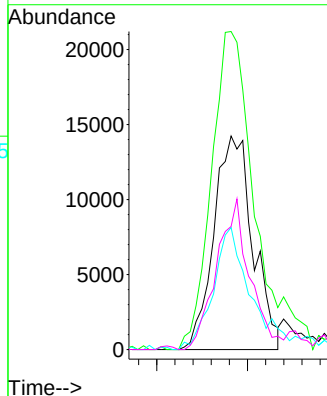
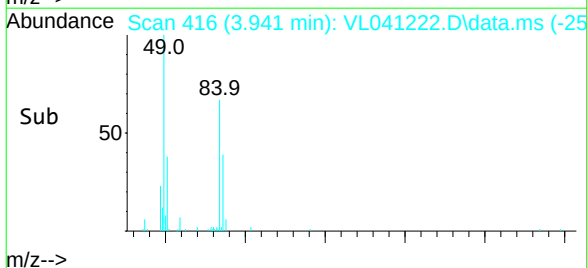
Supervised By :Mahesh
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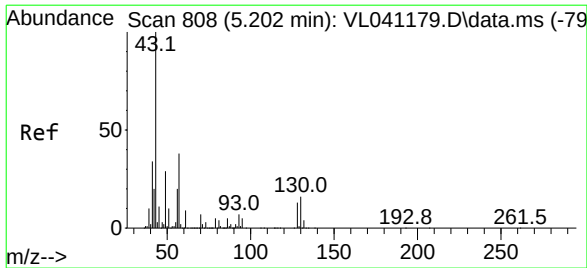


#20
Methylene Chloride
Concen: 0.564 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.003 min
Lab File: VL041222.D
Acq: 6 May 2024 17:39



Tgt Ion: 84 Resp: 21334
Ion Ratio Lower Upper
84 100
49 148.9 130.4 195.6
51 57.2 38.0 57.0#
86 57.7 50.3 75.5





#25
Ethyl Acetate
Concen: 0.461 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.006 min
Lab File: VL041222.D
Acq: 6 May 2024 17:39

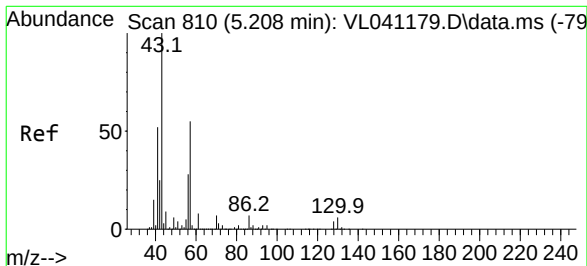
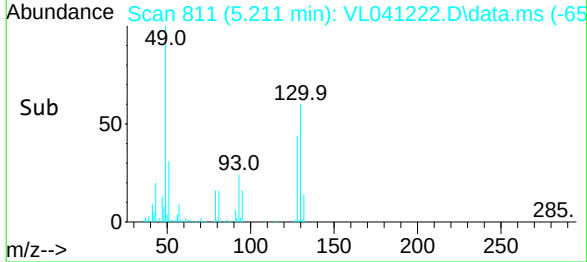
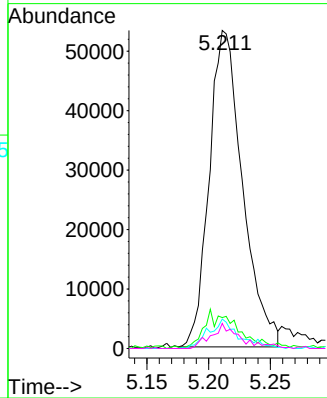
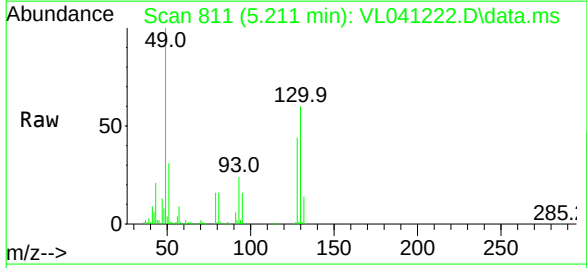
Instrument :
MSVOA_L
ClientSampleId :
BA-03-IA03-20240425DL

Tgt Ion	Ratio	Lower	Upper
43	100		
45	12.3	8.2	12.2
61	8.6	7.7	11.5
70	7.0	5.8	8.6

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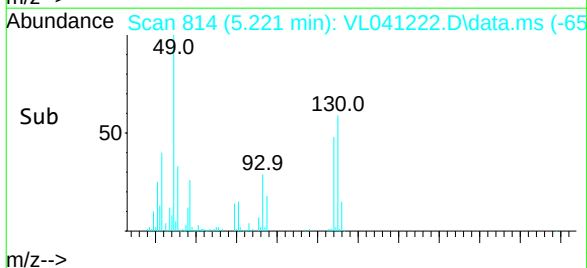
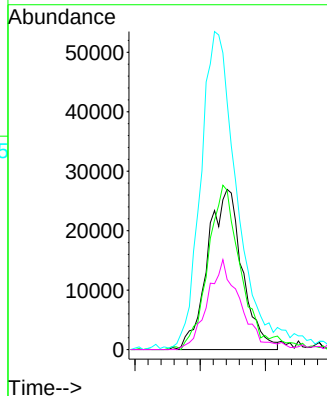
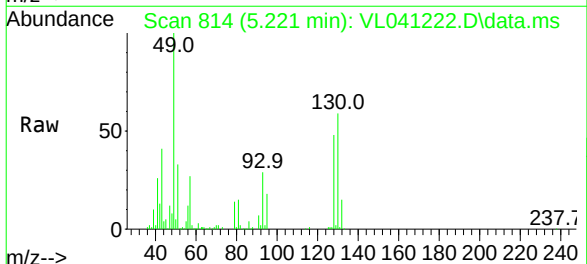
Reviewed By :Semsettin Yesilyurt 05/07/2024
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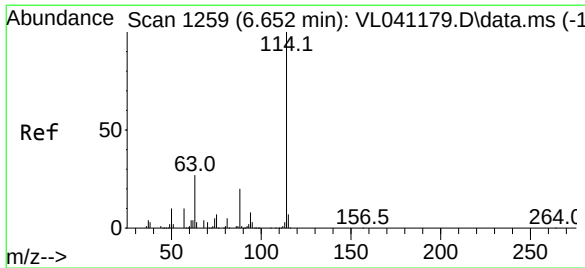
Supervised By :Mahesh
Dadoda
05/07/2024



#26
Hexane
Concen: 0.513 ppbv m
RT: 5.221 min Scan# 814
Delta R.T. 0.006 min
Lab File: VL041222.D
Acq: 6 May 2024 17:39

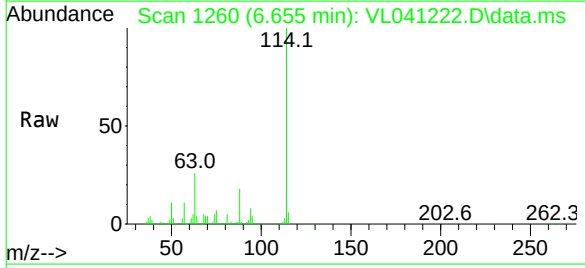
Tgt Ion	Ratio	Lower	Upper
57	100		
41	99.9	75.8	113.8
43	0.0	187.0	280.4
56	55.7	42.7	64.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VL041222.D
Acq: 6 May 2024 17:39

Instrument :
MSVOA_L
ClientSampleId :
BA-03-IA03-20240425DL

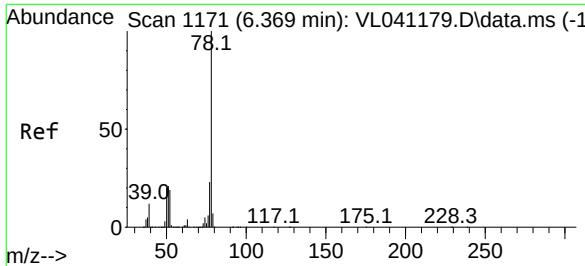
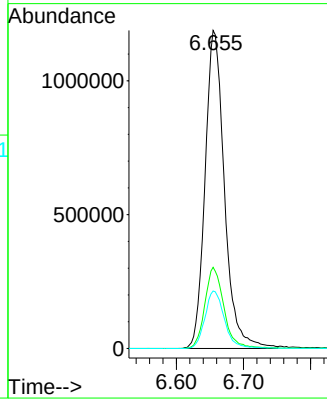
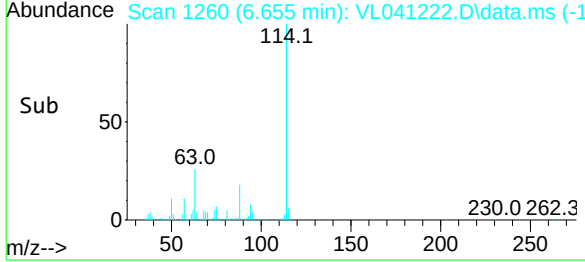


Tgt Ion: 114 Resp: 2384826
Ion Ratio Lower Upper
114 100
63 25.3 21.8 32.6
88 18.4 15.2 22.8

Manual Integrations
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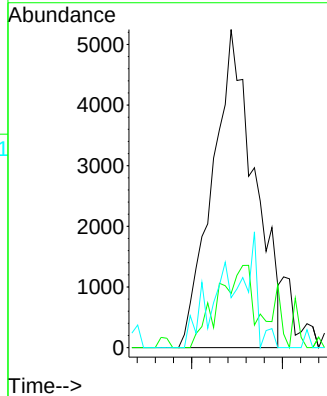
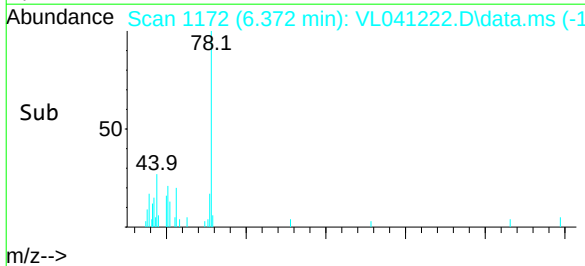
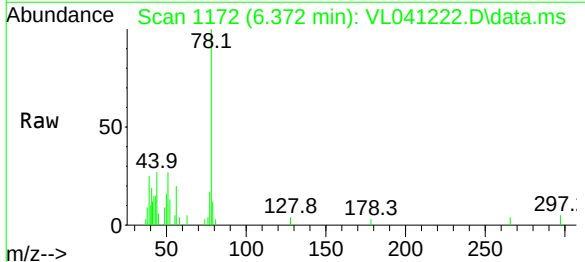
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

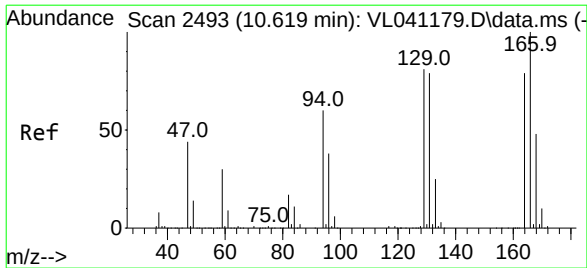
Supervised By :Mahesh
Dadoda
05/07/2024



#36
Benzene
Concen: 0.042 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VL041222.D
Acq: 6 May 2024 17:39

Tgt Ion: 78 Resp: 8436
Ion Ratio Lower Upper
78 100
77 17.0 18.3 27.5#
50 15.7 15.9 23.9#





#52

Tetrachloroethene

Concen: 0.066 ppbv m

RT: 10.616 min Scan# 2493

Delta R.T. 0.003 min

Lab File: VL041222.D

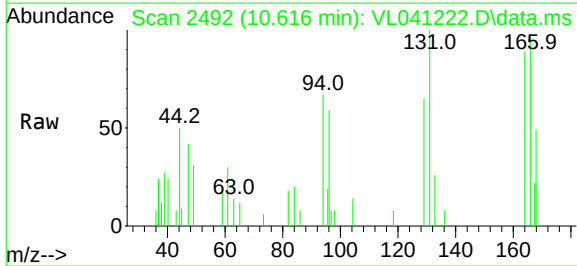
Acq: 6 May 2024 17:39

Instrument :

MSVOA_L

ClientSampleId :

BA-03-IA03-20240425DL



Tgt Ion: 164 Resp: 4617

Ion Ratio Lower Upper

164 100

166 110.0 101.1 151.7

129 73.2 81.7 122.5#

131 112.9 80.4 120.6

Manual Integrations

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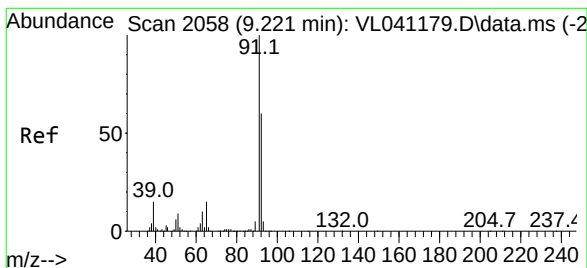
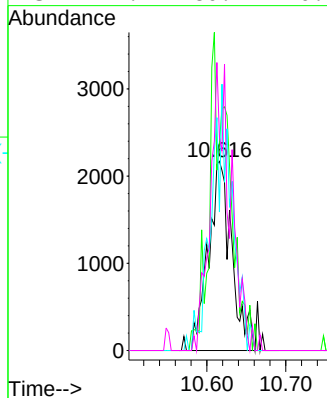
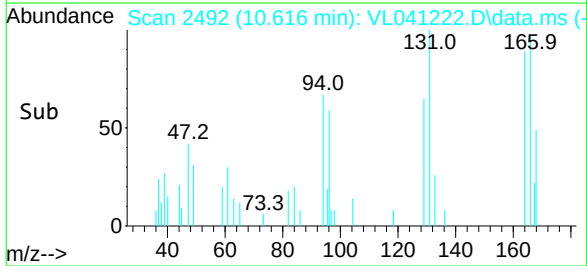
Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024

Supervised By :Mahesh

Dadoda

05/07/2024



#53

Toluene

Concen: 0.161 ppbv m

RT: 9.224 min Scan# 2059

Delta R.T. 0.003 min

Lab File: VL041222.D

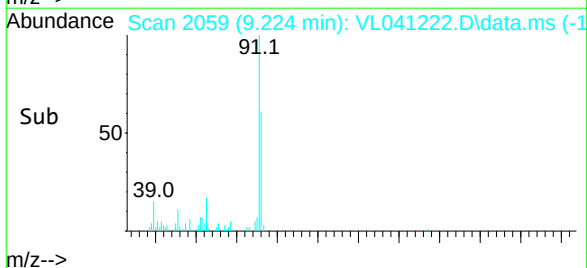
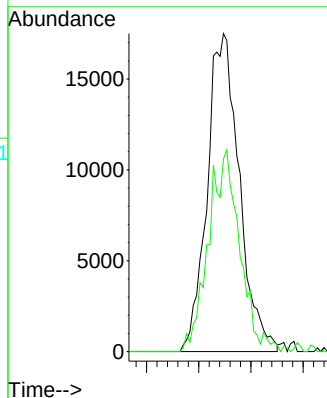
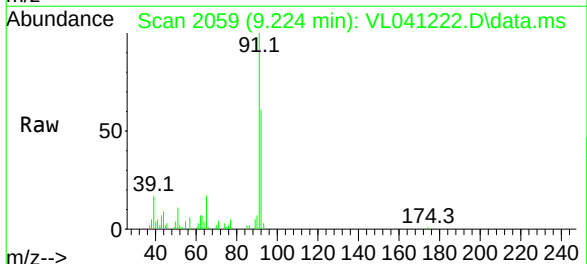
Acq: 6 May 2024 17:39

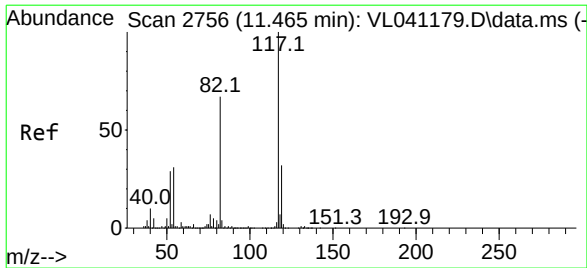
Tgt Ion: 91 Resp: 37343

Ion Ratio Lower Upper

91 100

92 0.0 48.2 72.4#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 27

Delta R.T. 0.003 min

Lab File: VL041222.D

Acq: 6 May 2024 17:39

Instrument :

MSVOA_L

ClientSampleId :

BA-03-IA03-20240425DL

Tgt Ion:117 Resp: 2187524

Ion Ratio Lower Upper

117 100

82 65.9 53.6 80.4

119 33.2 27.2 40.8

Manual Integrations

APPROVED

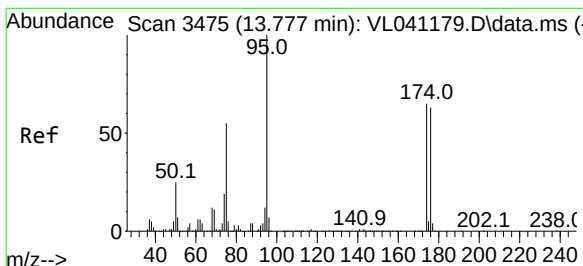
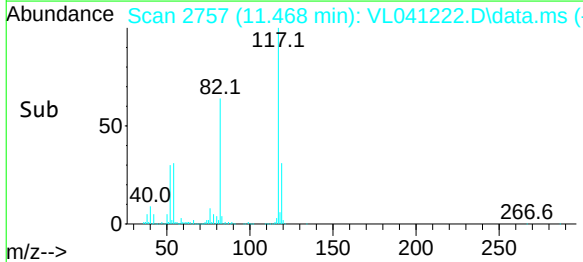
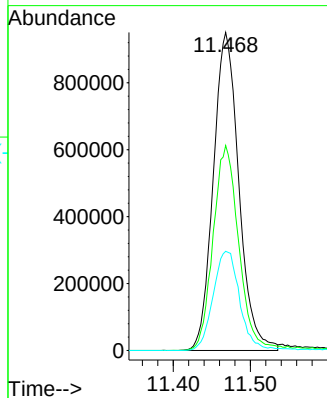
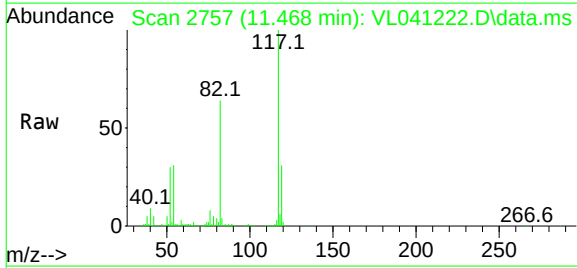
Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024

Supervised By :Mahesh

Dadoda

05/07/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.036 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.003 min

Lab File: VL041222.D

Acq: 6 May 2024 17:39

Tgt Ion: 95 Resp: 1657347

Ion Ratio Lower Upper

95 100

174 67.1 53.6 80.4

175 5.2 4.2 6.4

