

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039093.D
 Acq On : 23 May 2022 21:04
 Operator : SY/AP
 Sample : N2956-02DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AP-2DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/25/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 24 06:03:20 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 26 13:01:49 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	1112522	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.156	114	2548567	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.060	117	2169272	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.388	95	1811366	10.544	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.400%
Target Compounds						
2) Dichlorodifluoromethane	3.044	85	18779	0.108	ppbv	93
4) Chloromethane	3.137	50	13785m	0.199	ppbv	
9) Propene	3.018	41	25490m	0.423	ppbv	
13) Ethanol	3.591	45	3493823	818.916	ppbv	89
15) Acetone	3.841	43	298955	2.849	ppbv	97
17) tert-Butyl alcohol	4.282	59	18164m	0.225	ppbv	
19) Isopropyl Alcohol	3.954	45	899997	18.037	ppbv #	98
20) Methylene Chloride	4.333	84	75708	1.914	ppbv	93
26) Hexane	5.671	57	41051	0.368	ppbv #	52
29) Chloroform	5.732	83	25745m	0.143	ppbv	
34) 2-Butanone	5.234	43	35450m	0.273	ppbv	
53) Toluene	9.780	91	29922m	0.122	ppbv	

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

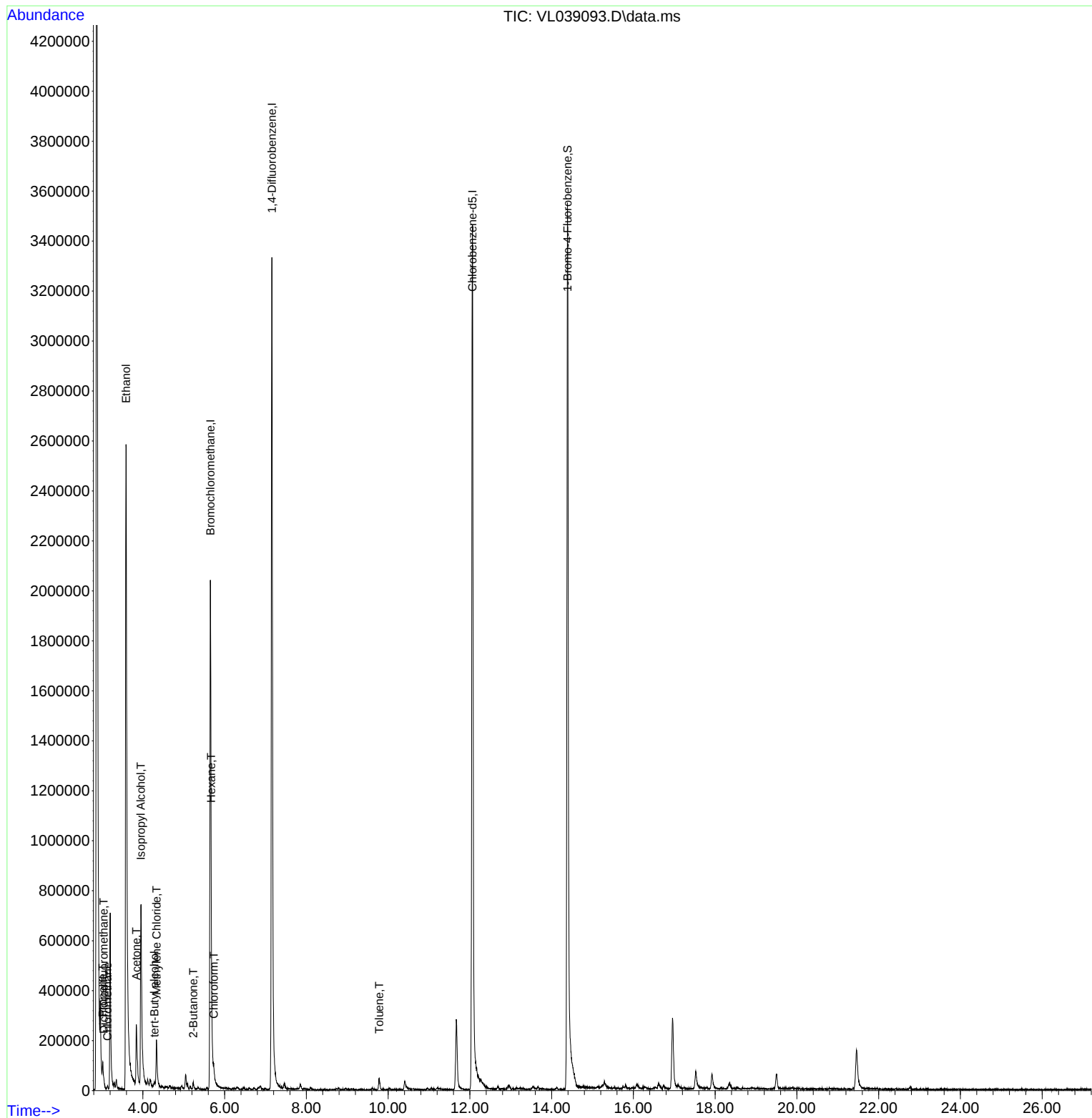
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
Data File : VL039093.D
Acq On : 23 May 2022 21:04
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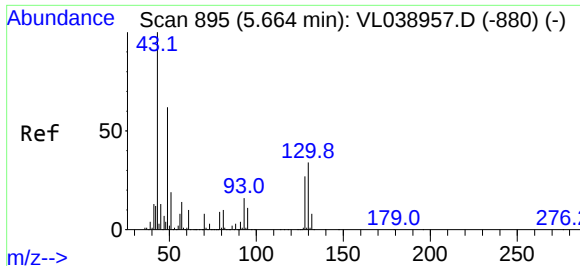
Instrument :
MSVOA_L
ClientSampleId :
AP-2DL

Quant Time: May 24 06:03:20 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

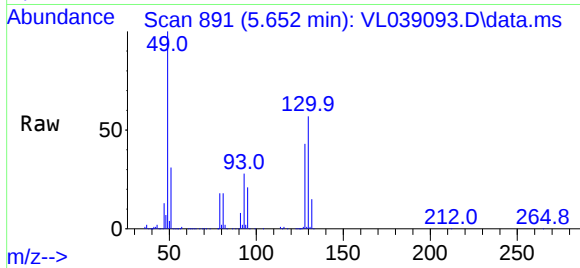
Reviewed By : Semsettin Yesilyurt 05/25/2022
Supervised By : Mahesh Dadoda 05/26/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 89
Delta R.T. -0.013 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04

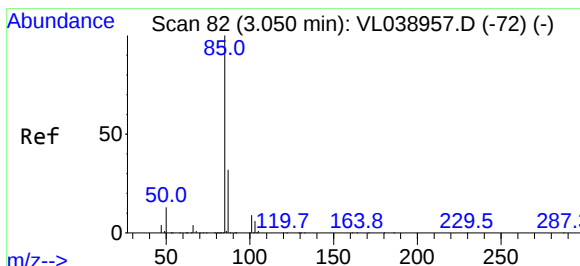
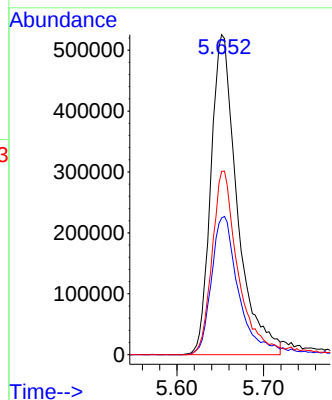
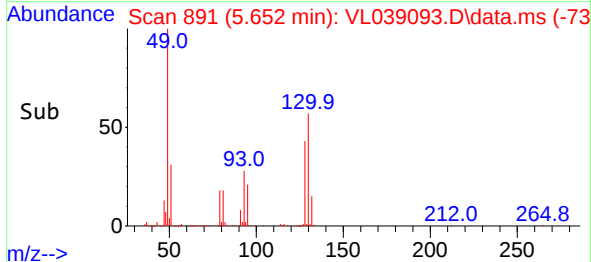
Instrument :
MSVOA_L
ClientSampleId :
AP-2DL



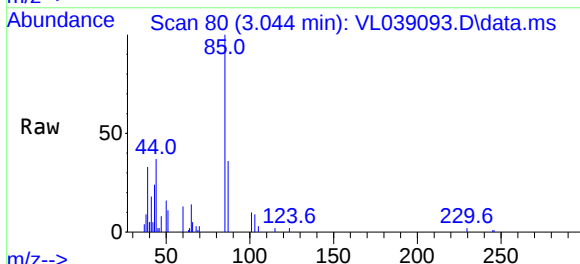
Tgt Ion: 49 Resp: 111252
Ion Ratio Lower Upper
49 100
128 46.9 23.3 69.8
130 59.5 29.8 89.3

Manual Integrations
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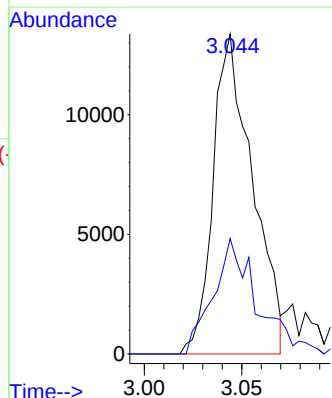
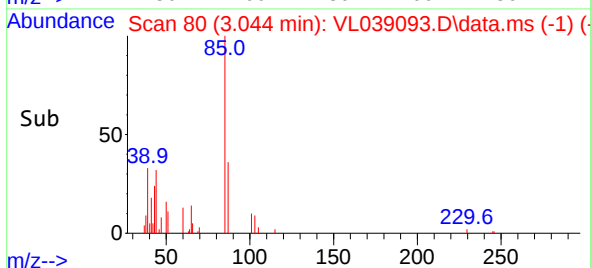
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

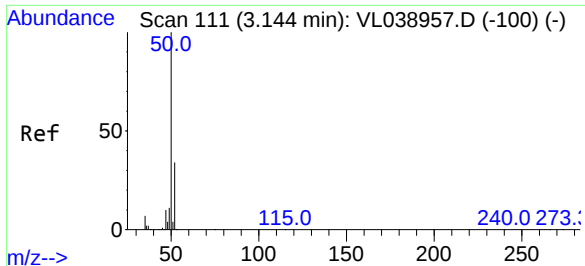


#2
Dichlorodifluoromethane
Concen: 0.108 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04



Tgt Ion: 85 Resp: 18779
Ion Ratio Lower Upper
85 100
87 36.1 25.7 38.5





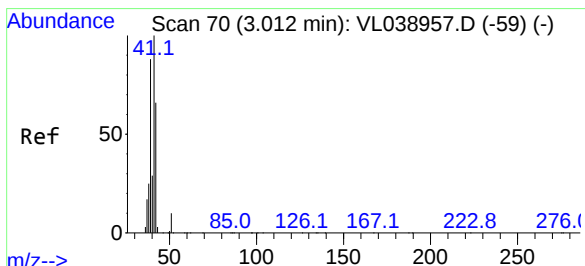
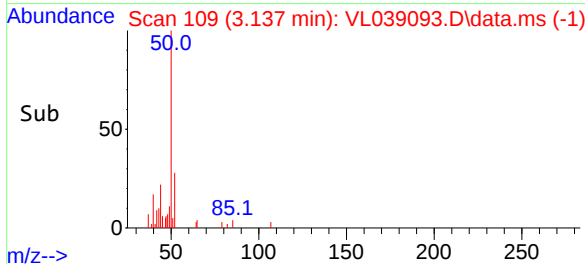
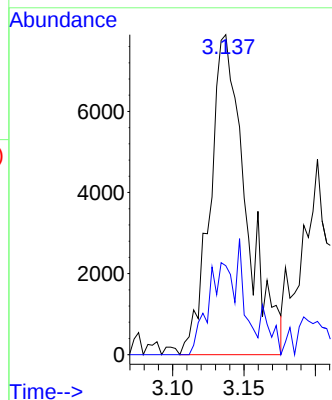
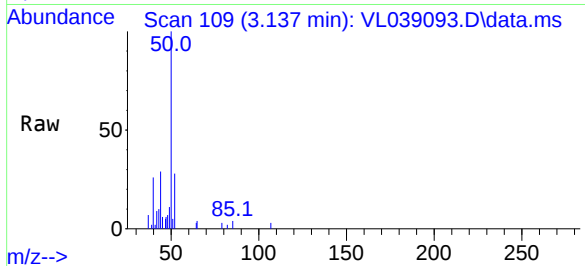
#4
Chloromethane
Concen: 0.199 ppbv m
RT: 3.137 min Scan# 109
Delta R.T. -0.006 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04

Instrument :
MSVOA_L
ClientSampleId :
AP-2DL

Tgt Ion: 50 Resp: 1378
Ion Ratio Lower Upper
50 100
52 27.8 27.3 40.9

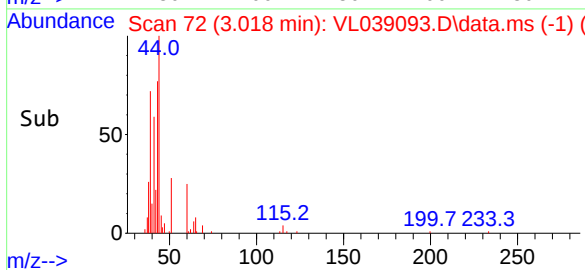
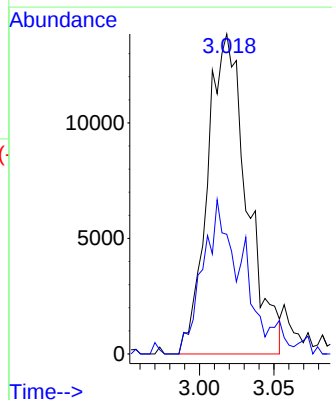
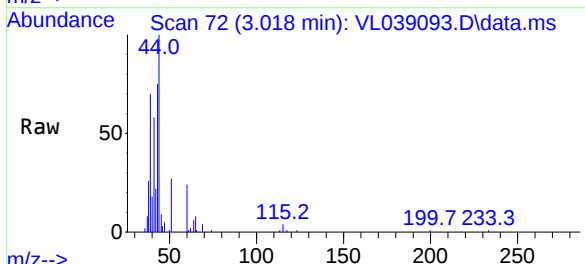
Manual Integrations
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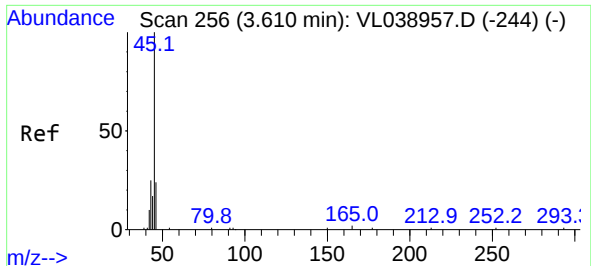
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#9
Propene
Concen: 0.423 ppbv m
RT: 3.018 min Scan# 72
Delta R.T. 0.006 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04

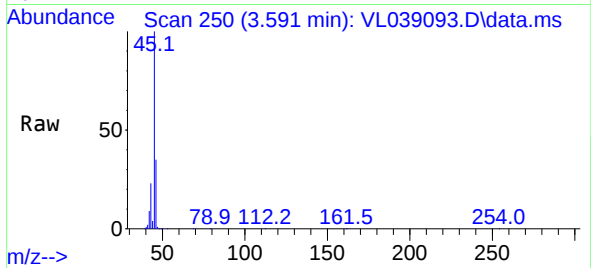
Tgt Ion: 41 Resp: 25490
Ion Ratio Lower Upper
41 100
42 647.9 58.3 87.5#





#13
Ethanol
Concen: 818.916 ppbv
RT: 3.591 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04

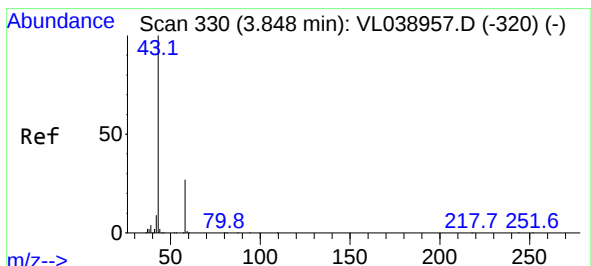
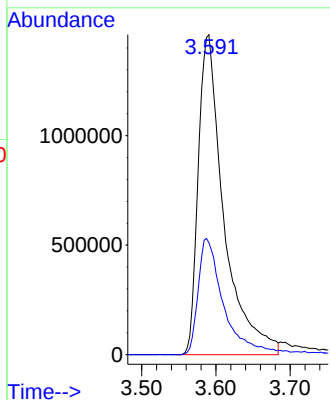
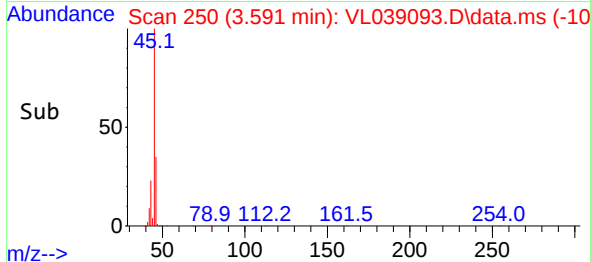
Instrument :
MSVOA_L
ClientSampleId :
AP-2DL



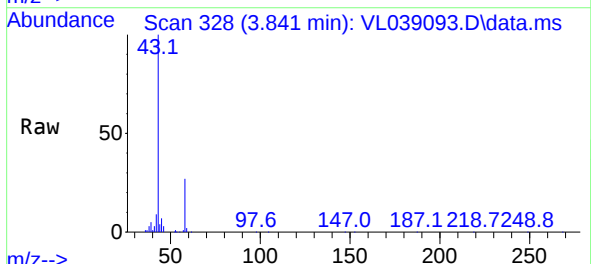
Tgt Ion: 45 Resp: 349382
Ion Ratio Lower Upper
45 100
46 37.8 18.0 72.2

Manual Integrations
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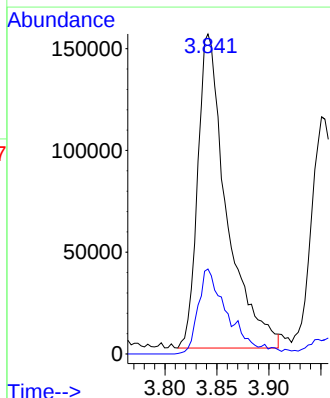
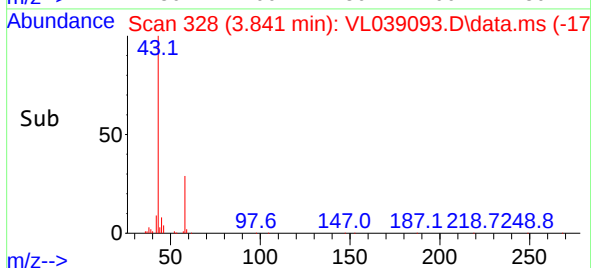
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

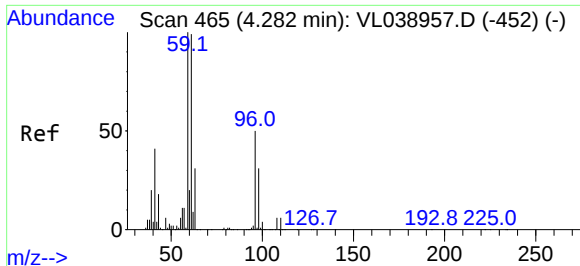


#15
Acetone
Concen: 2.849 ppbv
RT: 3.841 min Scan# 328
Delta R.T. -0.006 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04



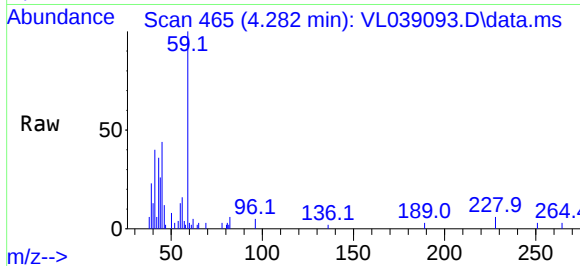
Tgt Ion: 43 Resp: 298955
Ion Ratio Lower Upper
43 100
58 28.2 21.3 31.9





#17
tert-Butyl alcohol
Concen: 0.225 ppbv m
RT: 4.282 min Scan# 4
Delta R.T. 0.000 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04

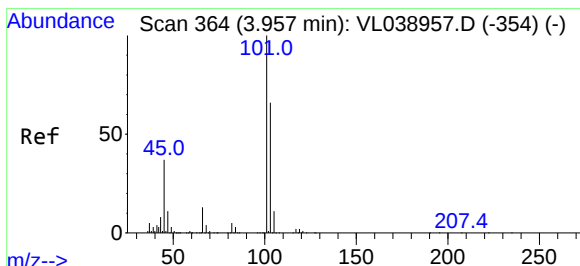
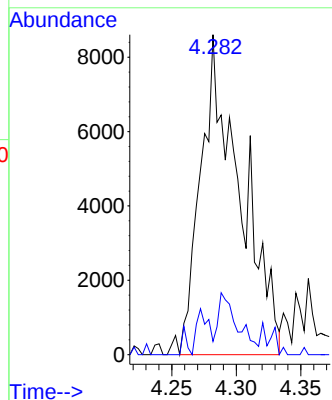
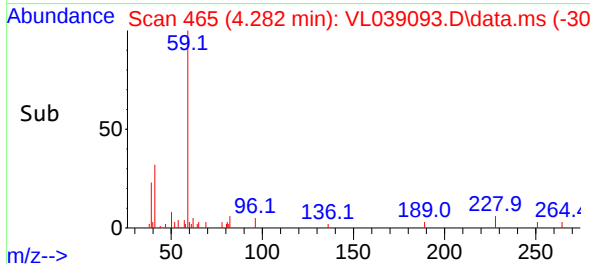
Instrument :
MSVOA_L
ClientSampleId :
AP-2DL



Tgt Ion: 59 Resp: 18164
Ion Ratio Lower Upper
59 100
57 17.8 9.2 13.8

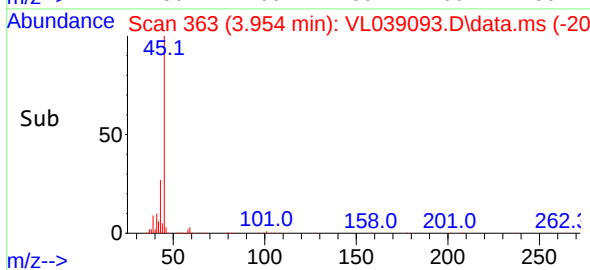
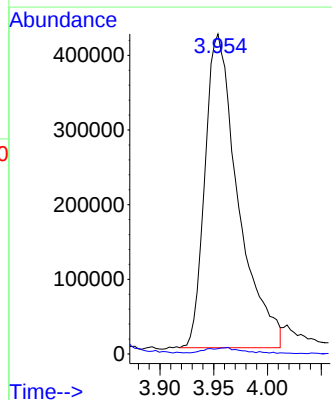
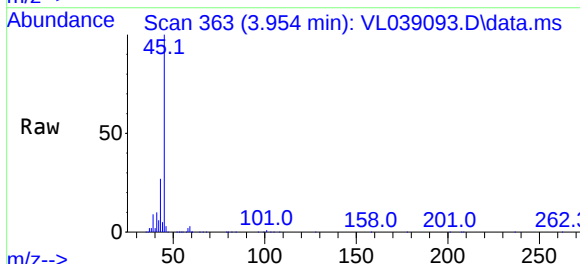
Manual Integrations
APPROVED

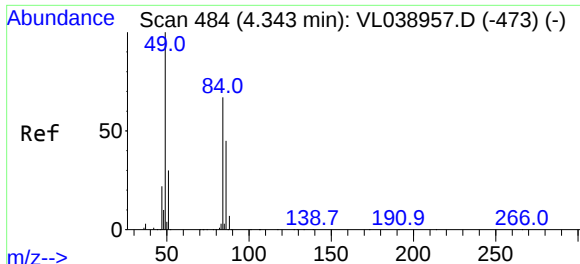
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#19
Isopropyl Alcohol
Concen: 18.037 ppbv
RT: 3.954 min Scan# 363
Delta R.T. -0.003 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04

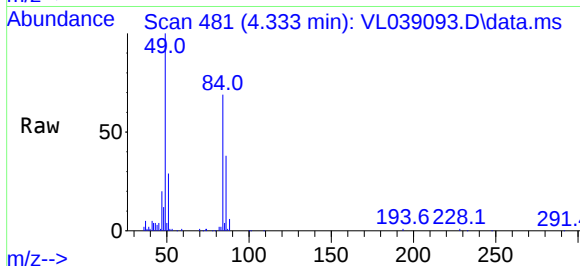
Tgt Ion: 45 Resp: 899997
Ion Ratio Lower Upper
45 100
58 2.5 1.4 2.2





#20
Methylene Chloride
Concen: 1.914 ppbv
RT: 4.333 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04

Instrument :
MSVOA_L
ClientSampleId :
AP-2DL

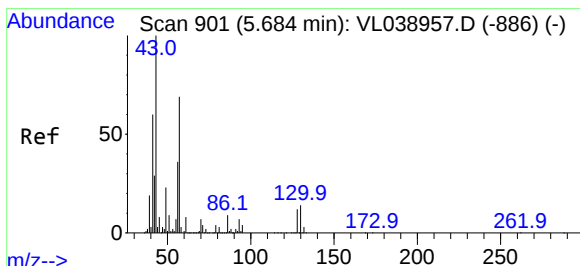
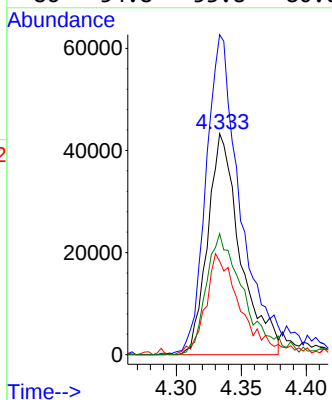
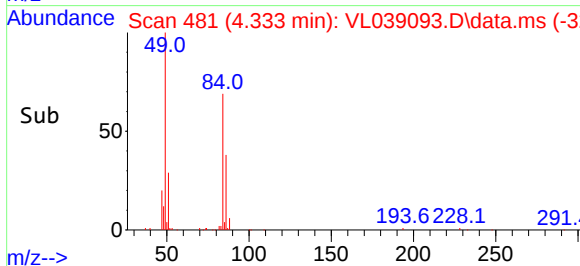


Tgt Ion: 84 Resp: 75708

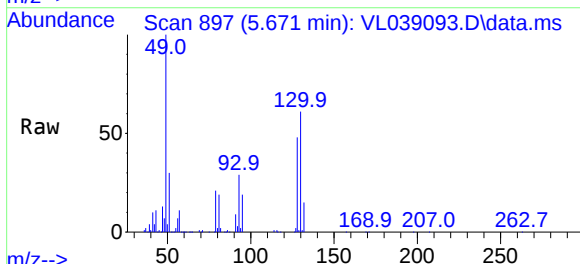
Ion	Ratio	Lower	Upper
84	100		
49	143.3	119.9	179.9
51	42.8	35.7	53.5
86	54.8	53.8	80.6

Manual Integrations
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Supervised By :Mahesh Dadoda 05/26/2022

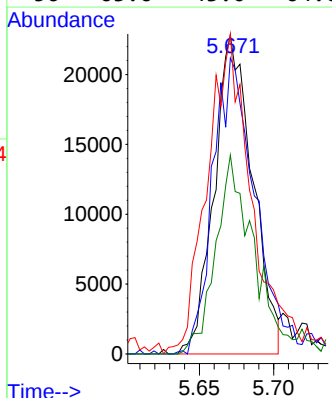
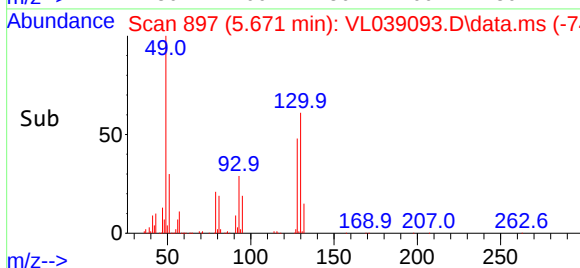


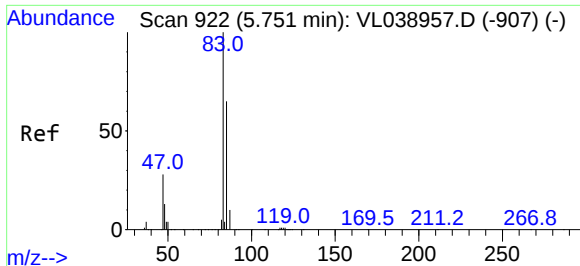
#26
Hexane
Concen: 0.368 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.013 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04



Tgt Ion: 57 Resp: 41051

Ion	Ratio	Lower	Upper
57	100		
41	106.5	75.2	112.8
43	121.9	190.8	286.2#
56	63.6	43.0	64.6





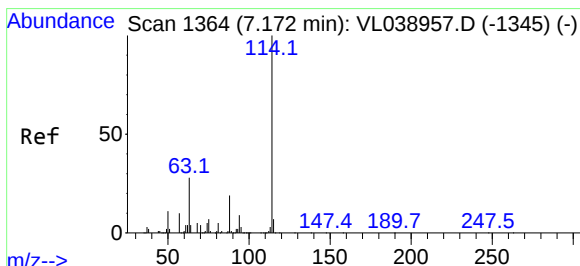
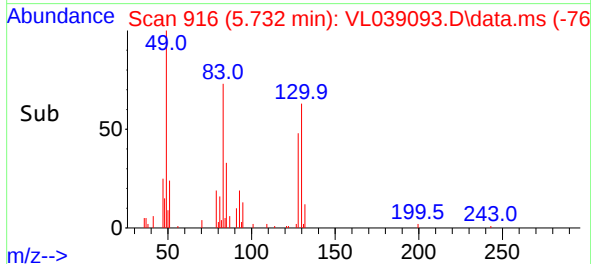
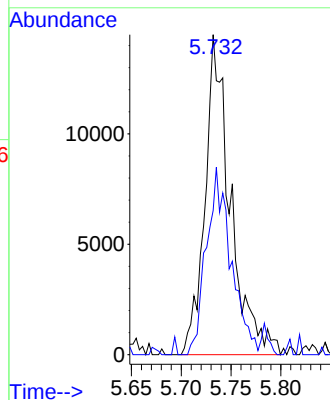
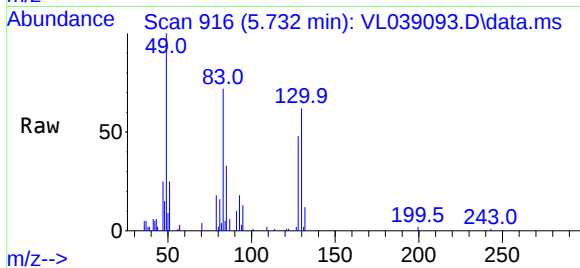
#29
Chloroform
Concen: 0.143 ppbv m
RT: 5.732 min Scan# 916
Delta R.T. -0.019 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04

Instrument :
MSVOA_L
ClientSampleId :
AP-2DL

Tgt Ion: 83 Resp: 25745
Ion Ratio Lower Upper
83 100
85 45.1 51.8 77.6

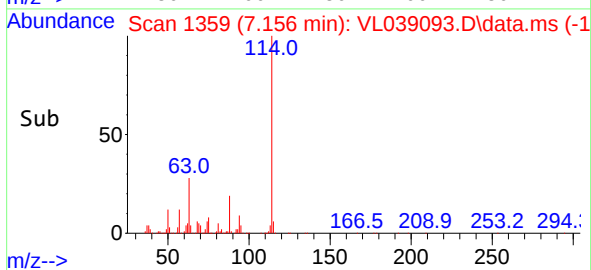
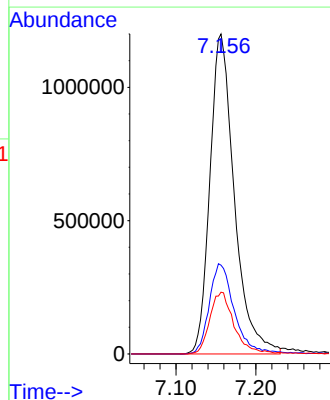
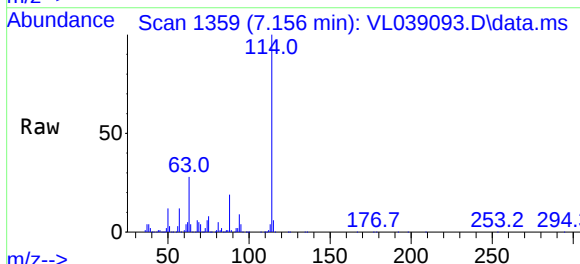
Manual Integrations
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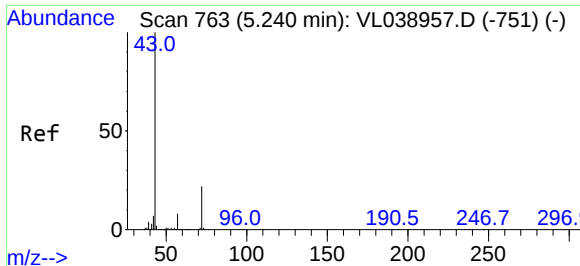
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.156 min Scan# 1359
Delta R.T. -0.016 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04

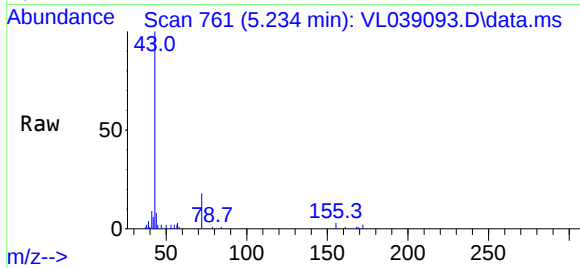
Tgt Ion:114 Resp: 2548567
Ion Ratio Lower Upper
114 100
63 29.2 22.6 33.8
88 19.5 15.4 23.0





#34
2-Butanone
Concen: 0.273 ppbv m
RT: 5.234 min Scan# 71
Delta R.T. -0.006 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04

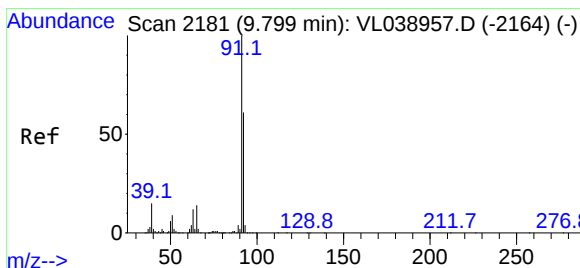
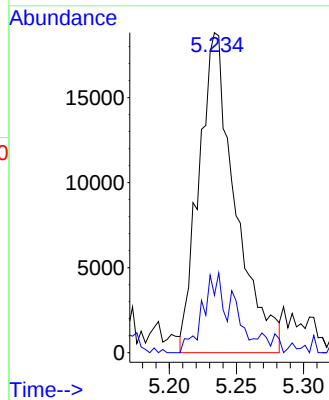
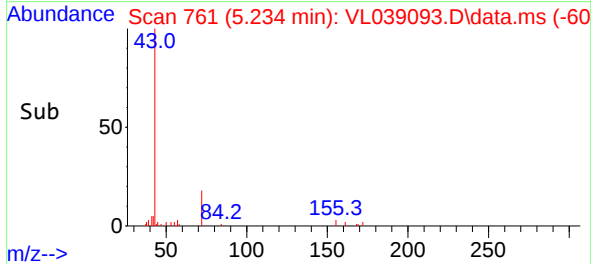
Instrument :
MSVOA_L
ClientSampleId :
AP-2DL



Tgt Ion: 43 Resp: 35450
Ion Ratio Lower Upper
43 100
72 23.6 17.8 26.6

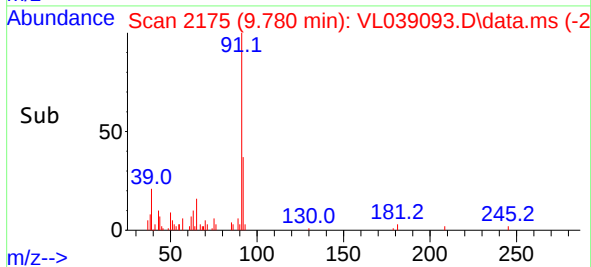
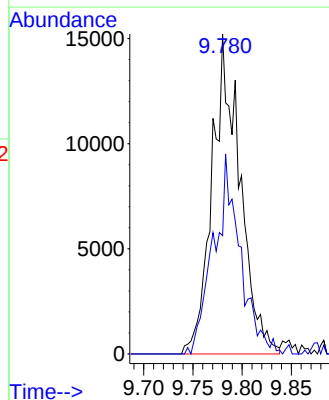
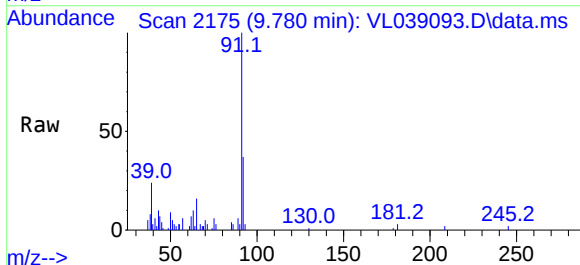
Manual Integrations
APPROVED

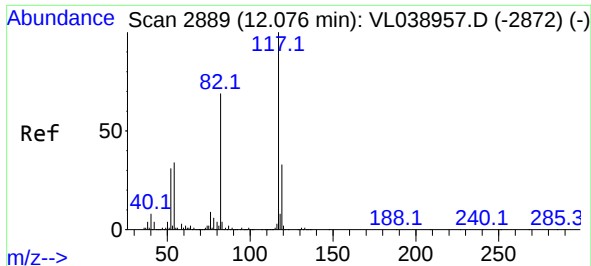
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#53
Toluene
Concen: 0.122 ppbv m
RT: 9.780 min Scan# 2175
Delta R.T. -0.019 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04

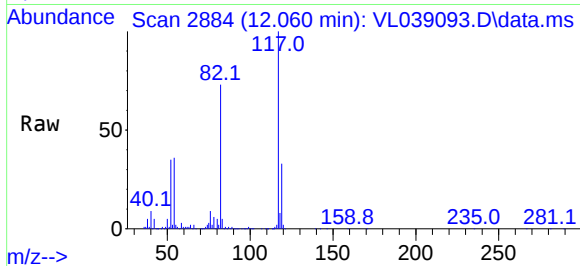
Tgt Ion: 91 Resp: 29922
Ion Ratio Lower Upper
91 100
92 59.7 48.2 72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.060 min Scan# 216927
Delta R.T. -0.016 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04

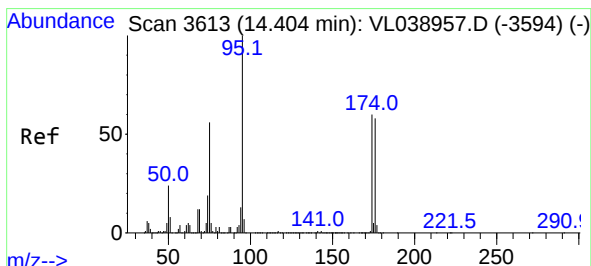
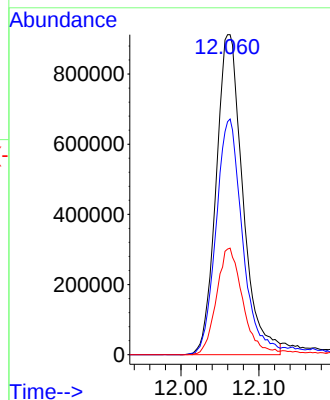
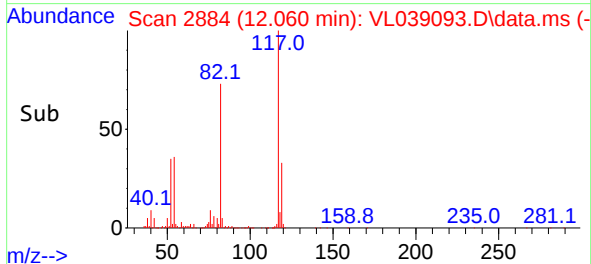
Instrument :
MSVOA_L
ClientSampleId :
AP-2DL



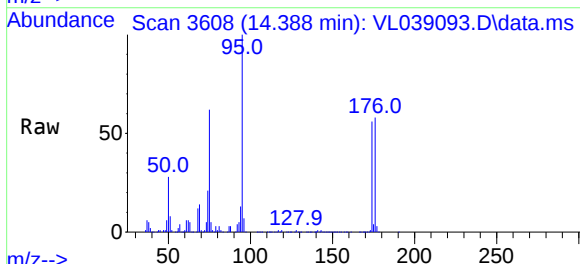
Tgt Ion: 117 Resp: 216927
Ion Ratio Lower Upper
117 100
82 76.8 57.0 85.6
119 34.2 27.2 40.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.544 ppbv
RT: 14.388 min Scan# 3608
Delta R.T. -0.016 min
Lab File: VL039093.D
Acq: 23 May 2022 21:04



Tgt Ion: 95 Resp: 1811366
Ion Ratio Lower Upper
95 100
174 62.5 50.8 76.2
175 4.6 3.8 5.6

