

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040204.D
 Acq On : 21 Feb 2023 21:09
 Operator : SY/MD
 Sample : 01626-05DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-21DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023

Quant Time: Feb 22 03:27:18 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Wed Feb 22 03:17:31 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	872145	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.658	114	2241111	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.478	117	2023266	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.789 95 1668845 10.031 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.300%

Target Compounds

						Qvalue
3) Chlorodifluoromethane	2.668	51	30156m	0.289	ppbv	
4) Chloromethane	2.809	50	7344	0.112	ppbv	89
9) Propene	2.700	41	73707m	1.736	ppbv	
13) Ethanol	3.230	45	804705	205.825	ppbv	94
15) Acetone	3.468	43	325333	3.098	ppbv	98
19) Isopropyl Alcohol	3.574	45	647816	12.979	ppbv #	97
20) Methylene Chloride	3.931	84	56087	1.026	ppbv	94
25) Ethyl Acetate	5.214	43	40801m	0.209	ppbv	
34) 2-Butanone	4.793	43	12806	0.116	ppbv	93
36) Benzene	6.372	78	33898	0.194	ppbv	98
53) Toluene	9.230	91	68172	0.365	ppbv	96
59) m/p-Xylene	12.349	91	26087m	0.120	ppbv	

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

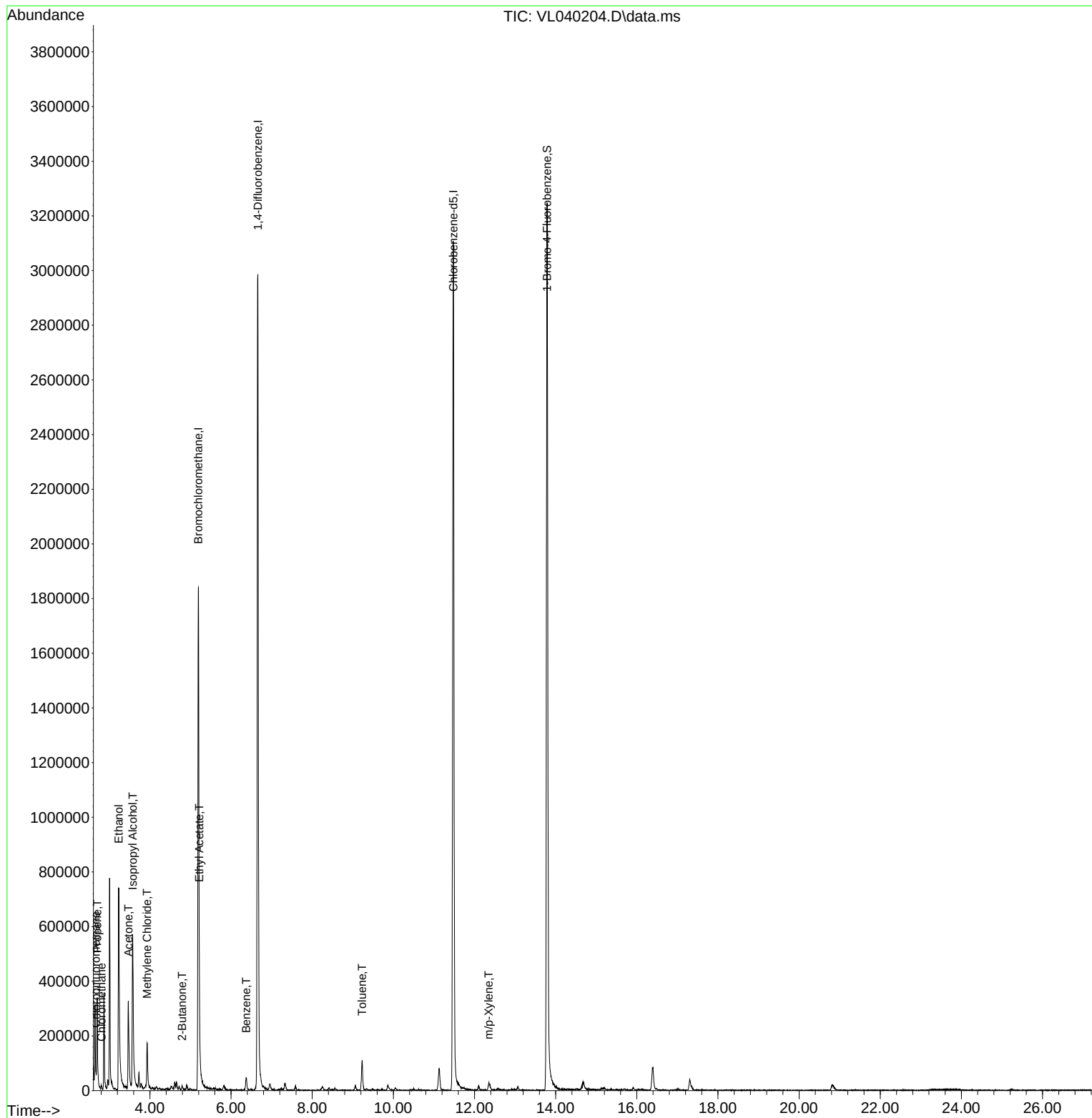
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
Data File : VL040204.D
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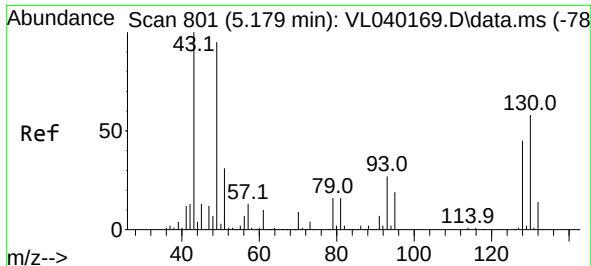
Instrument :
MSVOA_L
ClientSampleId :
IA-21DL

Quant Time: Feb 22 03:27:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 22 03:17:31 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023





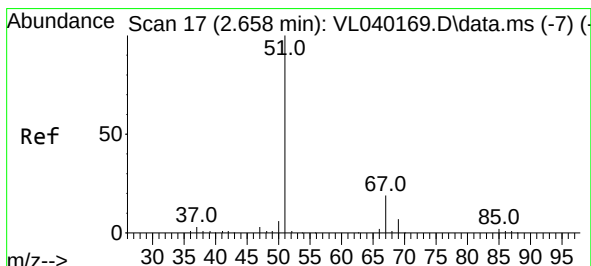
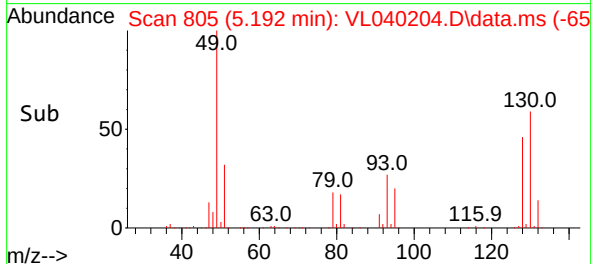
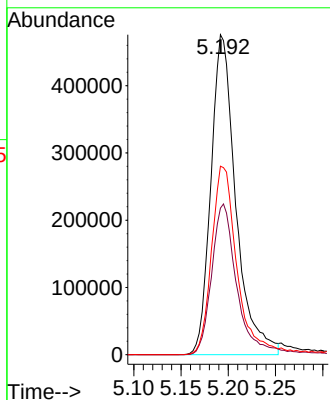
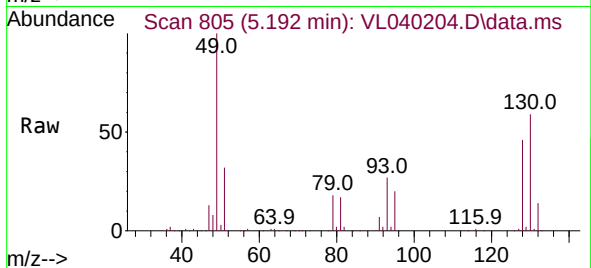
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

Instrument :
MSVOA_L
ClientSampleId :
IA-21DL

Tgt Ion: 49 Resp: 87214
Ion Ratio Lower Upper
49 100
128 49.0 24.1 72.3
130 62.1 30.9 92.8

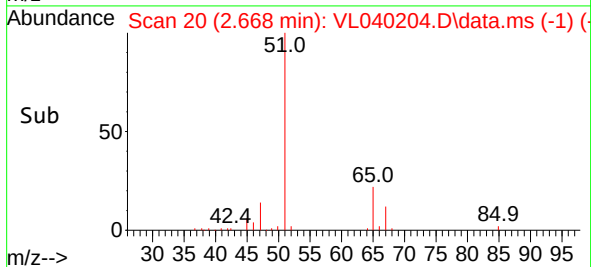
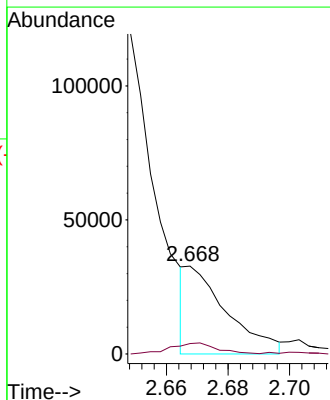
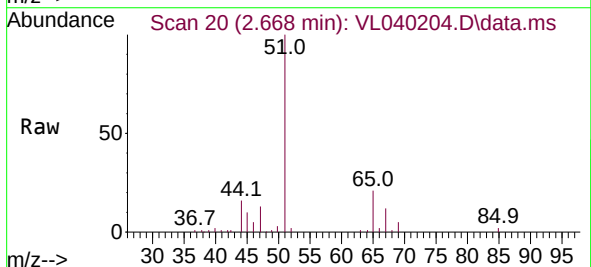
Manual Integrations
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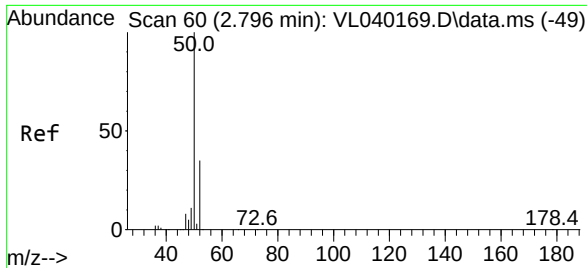
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#3
Chlorodifluoromethane
Concen: 0.289 ppbv m
RT: 2.668 min Scan# 20
Delta R.T. -0.007 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

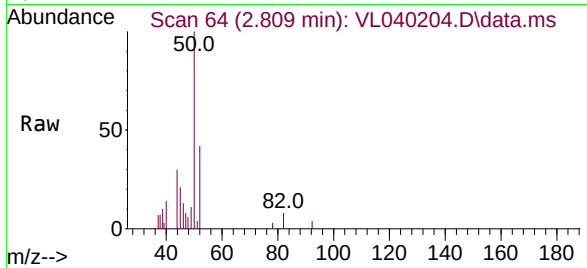
Tgt Ion: 51 Resp: 30156
Ion Ratio Lower Upper
51 100
67 16.7 15.4 23.2





#4
Chloromethane
Concen: 0.112 ppbv
RT: 2.809 min Scan# 64
Delta R.T. -0.003 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

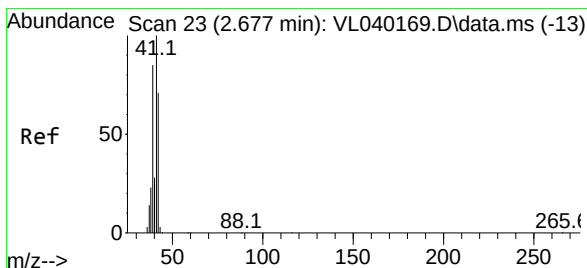
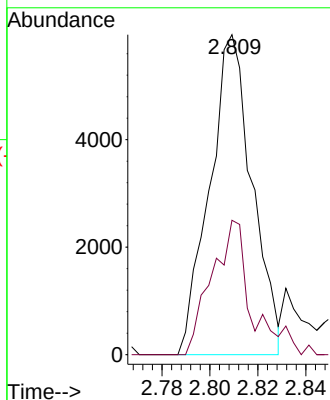
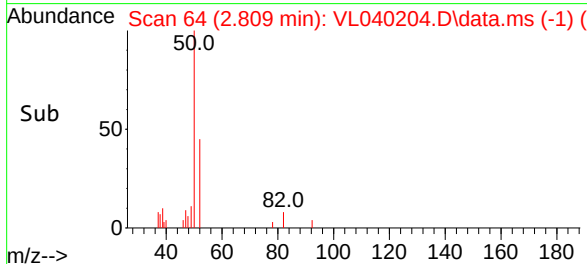
Instrument :
MSVOA_L
ClientSampleId :
IA-21DL



Tgt Ion: 50 Resp: 7344
Ion Ratio Lower Upper
50 100
52 42.0 28.3 42.5

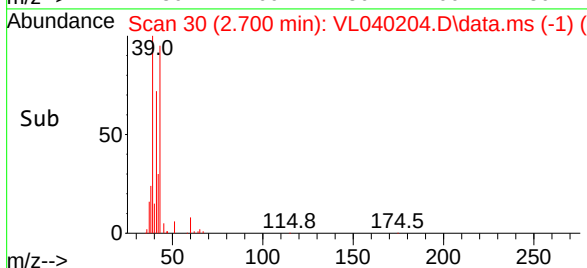
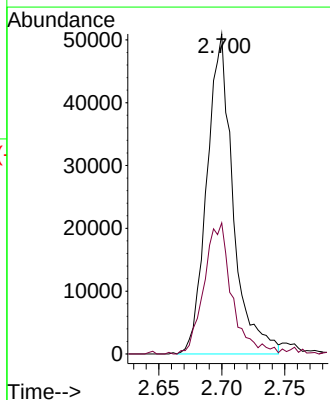
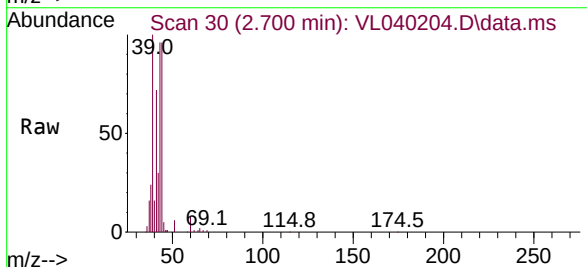
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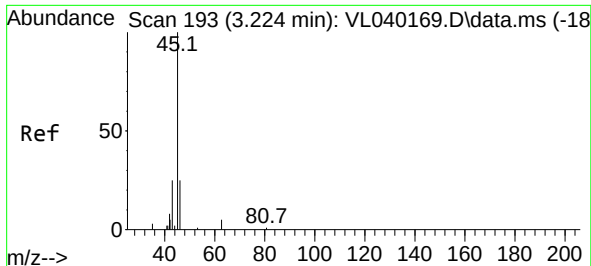
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#9
Propene
Concen: 1.736 ppbv m
RT: 2.700 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

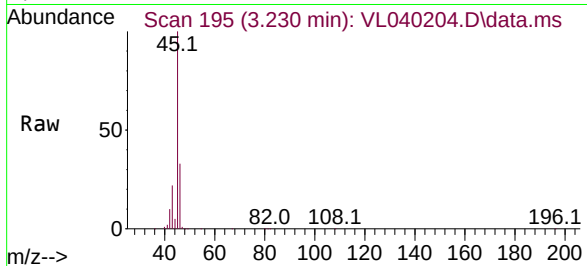
Tgt Ion: 41 Resp: 73707
Ion Ratio Lower Upper
41 100
42 85.8 56.9 85.3#





#13
Ethanol
Concen: 205.825 ppbv
RT: 3.230 min Scan# 193
Delta R.T. -0.019 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

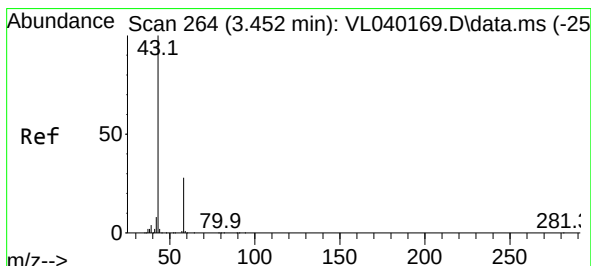
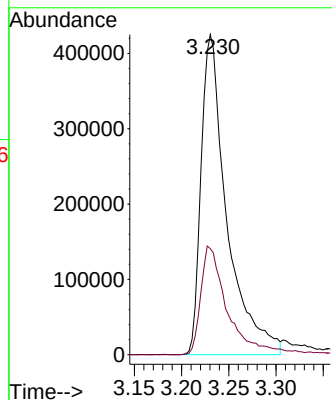
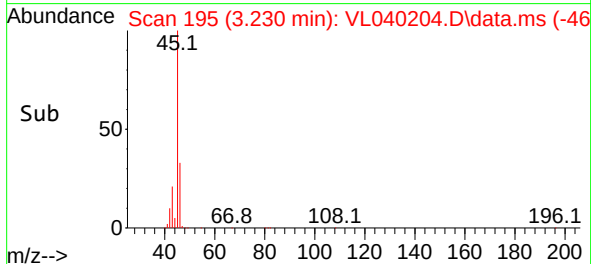
Instrument :
MSVOA_L
ClientSampleId :
IA-21DL



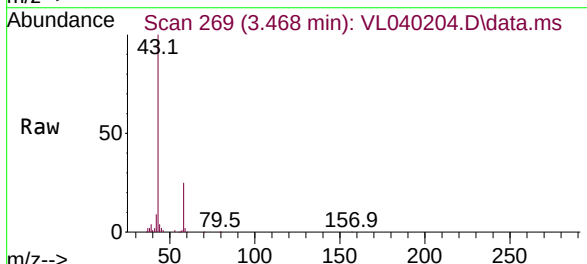
Tgt Ion: 45 Resp: 80470
Ion Ratio Lower Upper
45 100
46 36.5 13.3 53.1

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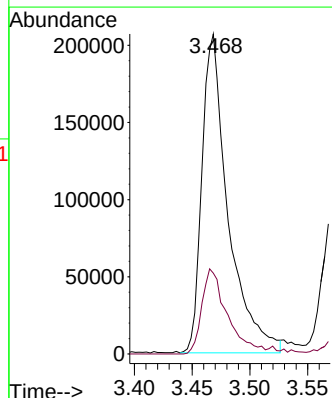
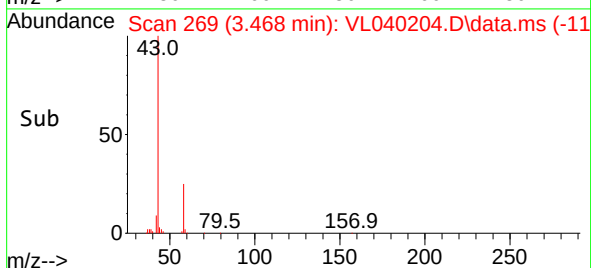
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

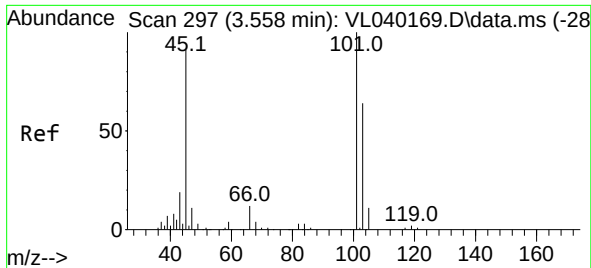


#15
Acetone
Concen: 3.098 ppbv
RT: 3.468 min Scan# 269
Delta R.T. -0.003 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09



Tgt Ion: 43 Resp: 325333
Ion Ratio Lower Upper
43 100
58 27.0 22.4 33.6





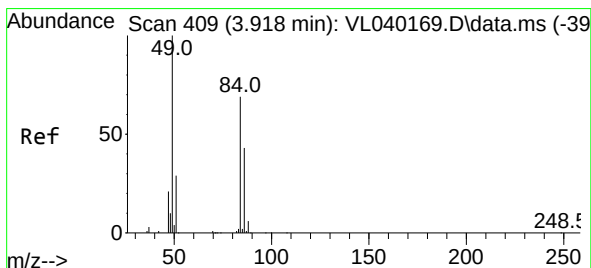
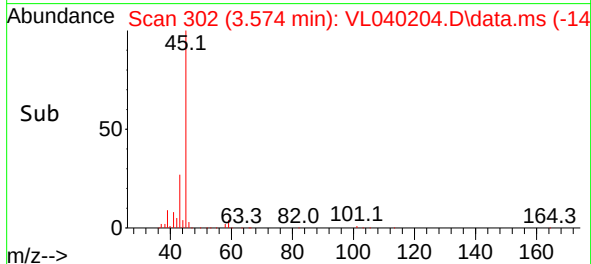
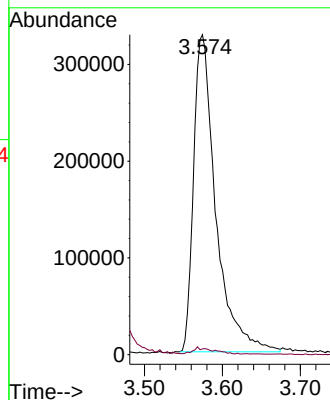
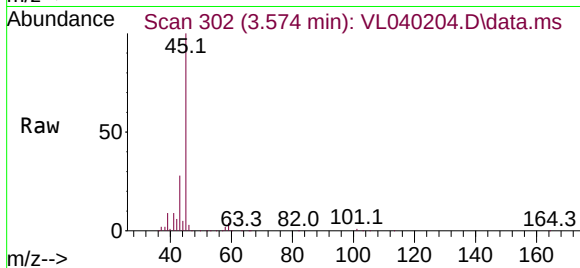
#19
Isopropyl Alcohol
Concen: 12.979 ppbv
RT: 3.574 min Scan# 302
Delta R.T. -0.007 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

Instrument :
MSVOA_L
ClientSampleId :
IA-21DL

Tgt Ion: 45 Resp: 647810
Ion Ratio Lower Upper
45 100
58 2.3 2.6 3.8

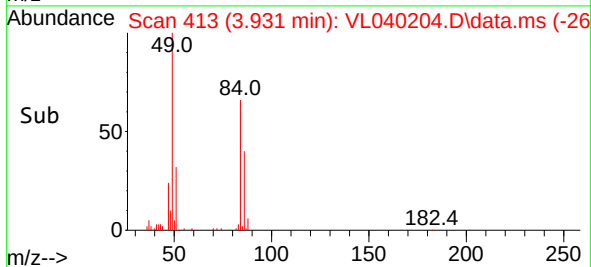
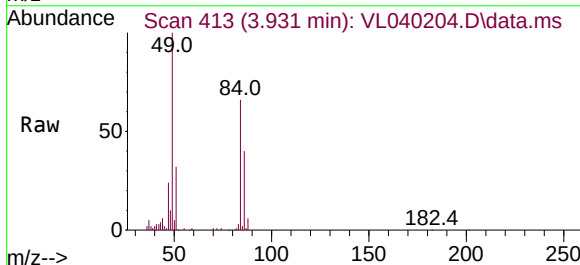
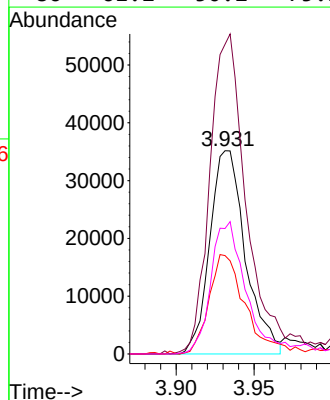
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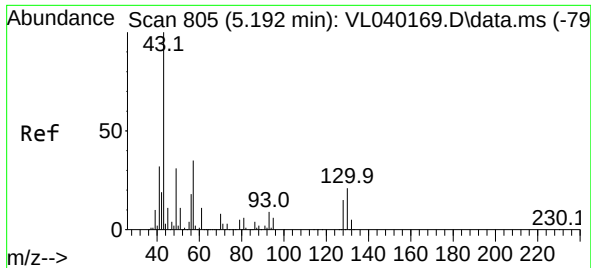
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#20
Methylene Chloride
Concen: 1.026 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.007 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

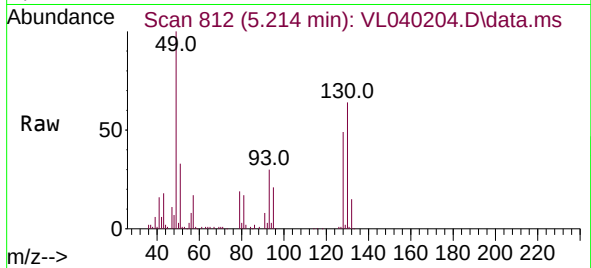
Tgt Ion: 84 Resp: 56087
Ion Ratio Lower Upper
84 100
49 151.2 115.5 173.3
51 48.4 33.1 49.7
86 61.2 50.2 75.2





#25
Ethyl Acetate
Concen: 0.209 ppbv m
RT: 5.214 min Scan# 812
Delta R.T. -0.003 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

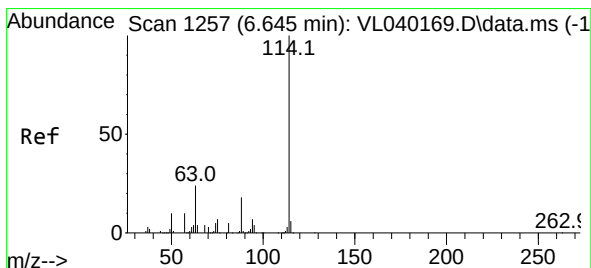
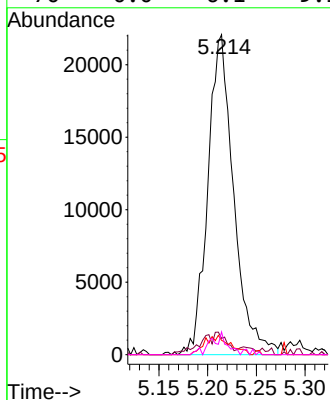
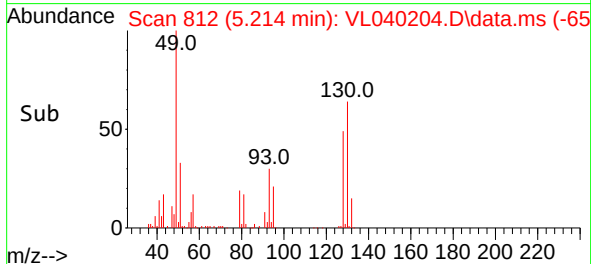
Instrument :
MSVOA_L
ClientSampleId :
IA-21DL



Tgt Ion: 43 Resp: 4080
Ion Ratio Lower Upper
43 100
45 0.0 8.3 12.5
61 0.0 8.4 12.6
70 0.0 6.1 9.1

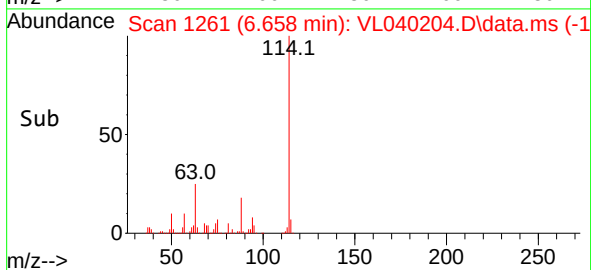
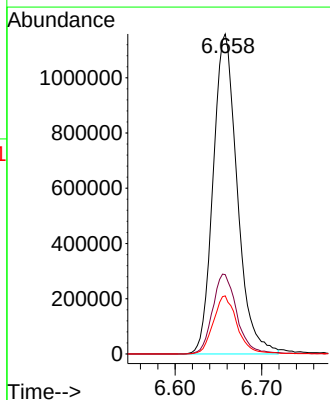
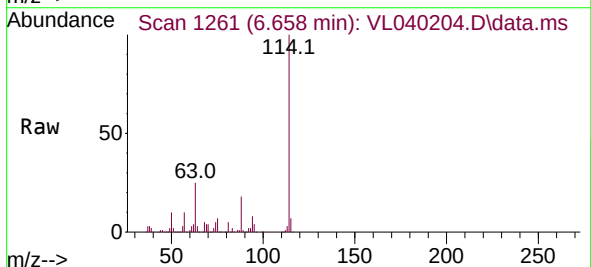
Manual Integrations
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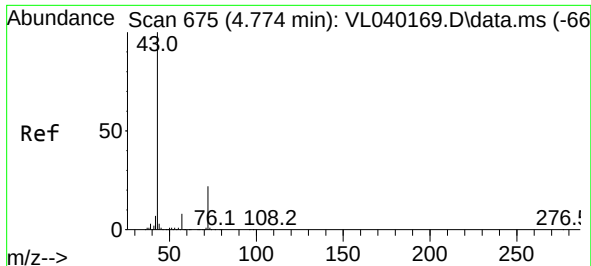
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. -0.016 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

Tgt Ion:114 Resp: 2241111
Ion Ratio Lower Upper
114 100
63 25.5 20.4 30.6
88 18.1 14.3 21.5





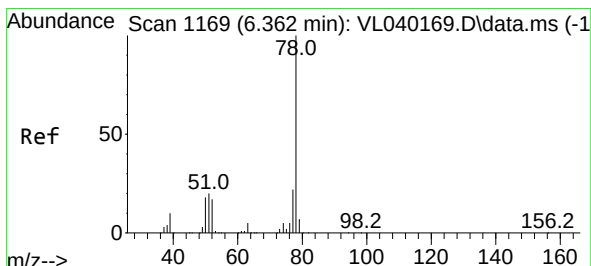
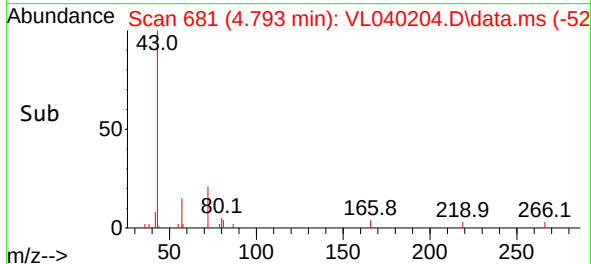
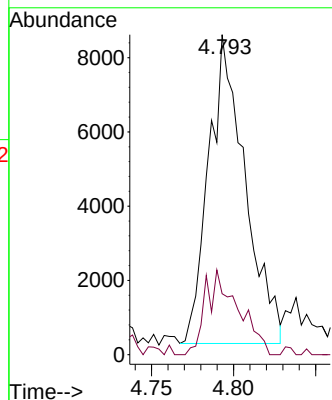
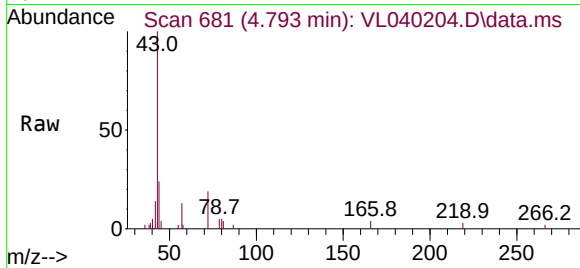
#34
2-Butanone
Concen: 0.116 ppbv
RT: 4.793 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

Instrument :
MSVOA_L
ClientSampleId :
IA-21DL

Tgt Ion: 43 Resp: 12800
Ion Ratio Lower Upper
43 100
72 25.6 17.8 26.8

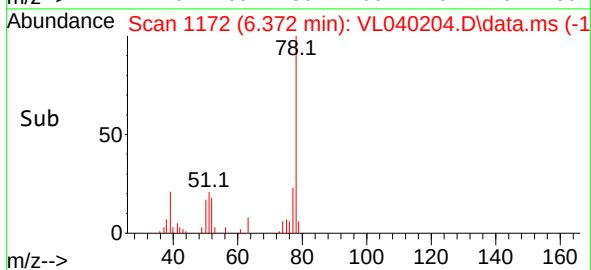
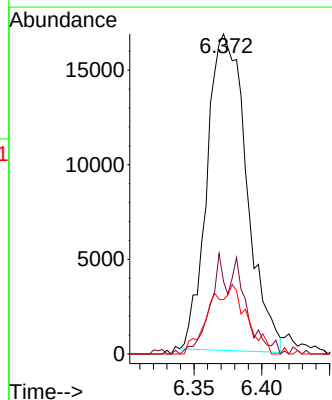
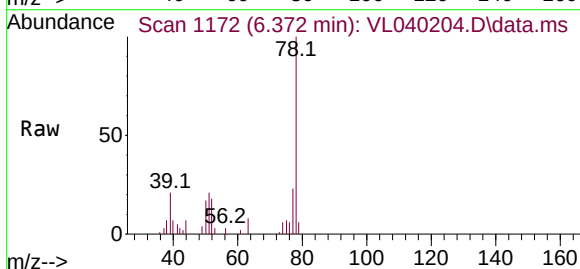
Manual Integrations
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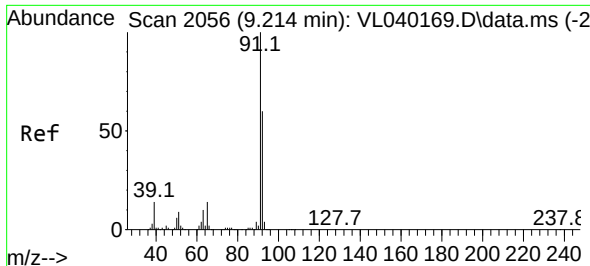
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#36
Benzene
Concen: 0.194 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.016 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

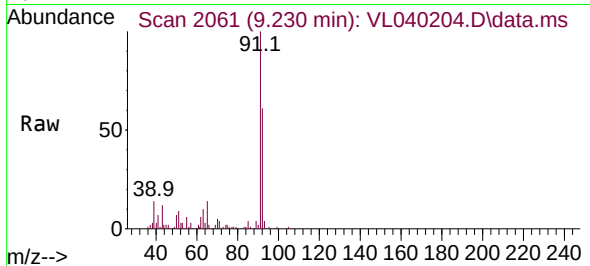
Tgt Ion: 78 Resp: 33898
Ion Ratio Lower Upper
78 100
77 23.0 17.5 26.3
50 17.3 14.6 22.0





#53
Toluene
Concen: 0.365 ppbv
RT: 9.230 min Scan# 2056
Delta R.T. -0.016 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

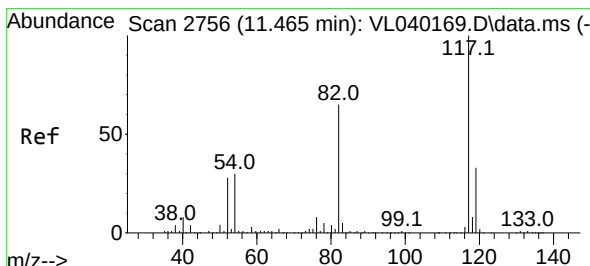
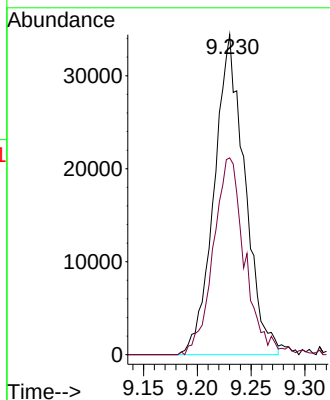
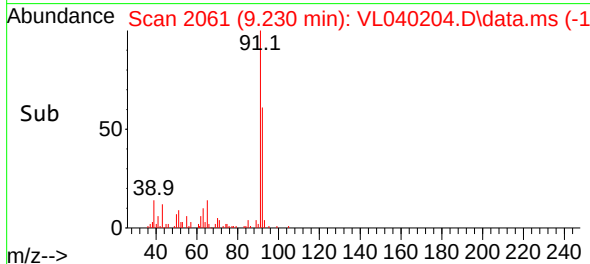
Instrument :
MSVOA_L
ClientSampleId :
IA-21DL



Tgt Ion: 91 Resp: 68172
Ion Ratio Lower Upper
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92 64.1 48.9 73.3

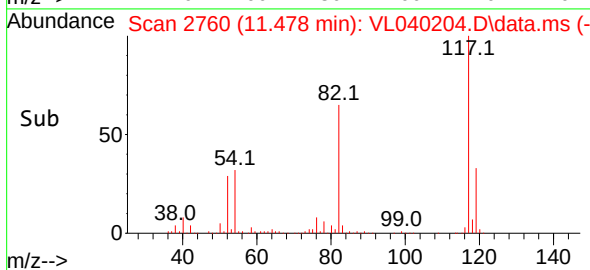
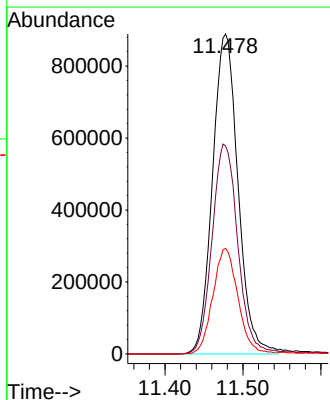
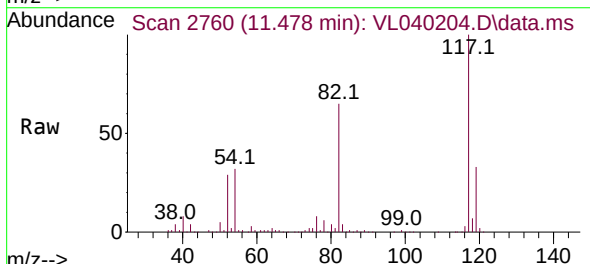
Manual Integrations
APPROVED

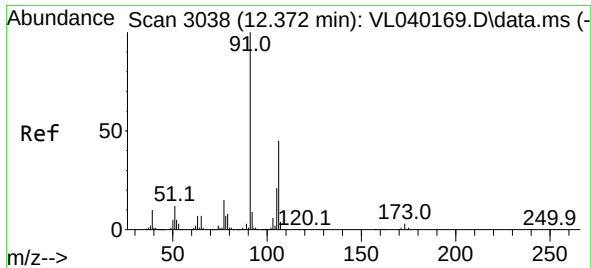
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.016 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

Tgt Ion:117 Resp: 2023266
Ion Ratio Lower Upper
117 100
82 67.5 53.3 79.9
119 33.2 24.6 37.0





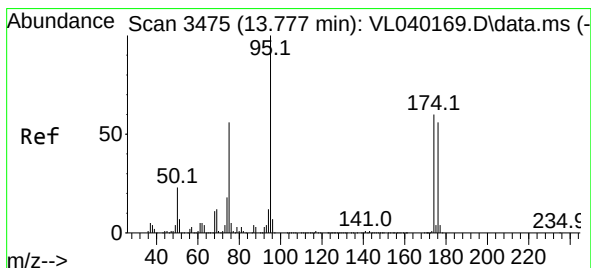
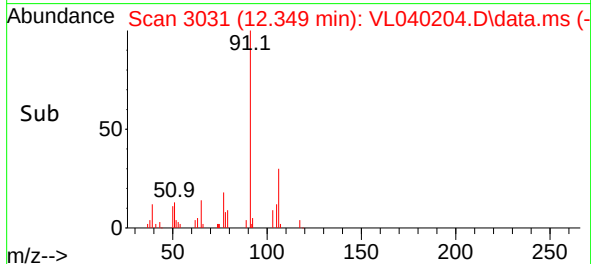
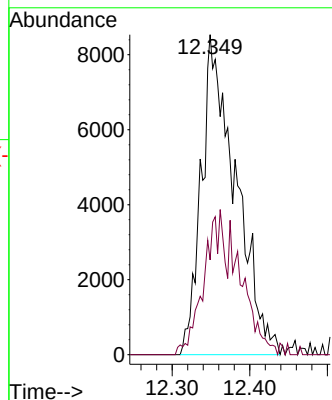
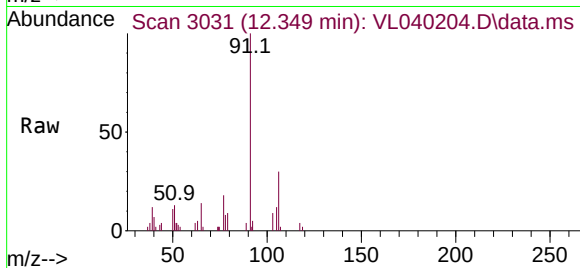
#59
m/p-Xylene
Concen: 0.120 ppbv m
RT: 12.349 min Scan# 3031
Delta R.T. -0.048 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

Instrument :
MSVOA_L
ClientSampleId :
IA-21DL

Tgt Ion: 91 Resp: 2608
Ion Ratio Lower Upper
91 100
106 0.0 34.6 51.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 10.031 ppbv
RT: 13.789 min Scan# 3479
Delta R.T. -0.016 min
Lab File: VL040204.D
Acq: 21 Feb 2023 21:09

Tgt Ion: 95 Resp: 1668845
Ion Ratio Lower Upper
95 100
174 59.3 48.2 72.2
175 4.0 3.4 5.2

