

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038342.D
 Acq On : 14 Feb 2022 15:39
 Operator : SY/AP
 Sample : N1442-01DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022

Quant Time: Feb 15 00:40:52 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 2022

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	941823	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.160	114	2618918	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.069	117	2286063	10.000	ppbv	#-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	1837107	10.588	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.900%
Target Compounds						
3) Chlorodifluoromethane	2.986	51	72334	0.386	ppbv	98
9) Propene	3.018	41	21267	0.348	ppbv	85
13) Ethanol	3.626	45	11023m	1.682	ppbv	
15) Acetone	3.841	43	1402776	16.896	ppbv	97
20) Methylene Chloride	4.336	84	14002m	0.290	ppbv	
26) Hexane	5.677	57	58312	0.539	ppbv #	38
29) Chloroform	5.742	83	72533	0.411	ppbv	86
31) cis-1,2-Dichloroethene	5.539	61	52752m	0.559	ppbv	
34) 2-Butanone	5.246	43	56699	0.662	ppbv	98
38) Trichloroethene	7.819	130	105675	1.225	ppbv	96
50) 4-Methyl-2-Pentanone	8.758	43	19960m	0.131	ppbv	
52) Tetrachloroethene	11.220	164	6866518	86.004	ppbv	91

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

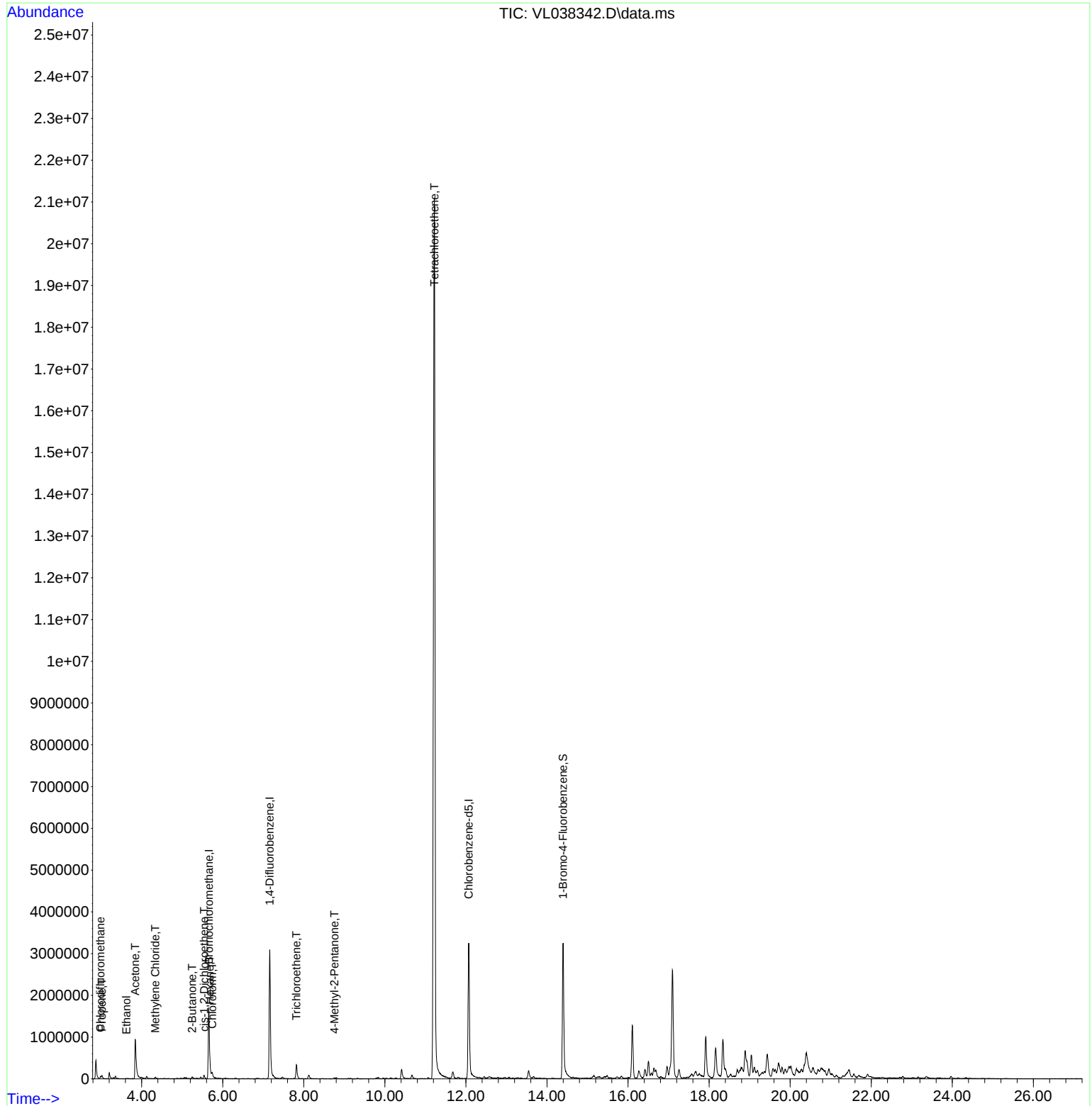
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
Data File : VL038342.D
Acq On : 14 Feb 2022 15:39
Operator : SY/AP
Sample : N1442-01DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

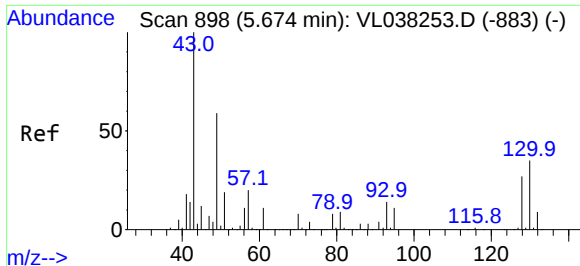
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

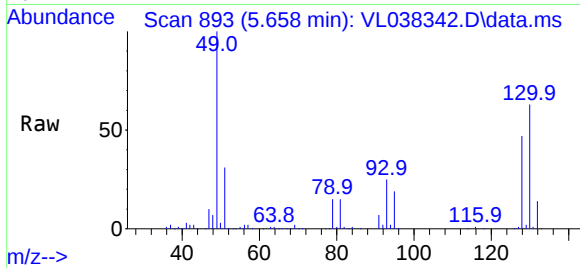
Quant Time: Feb 15 00:40:52 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 893
Delta R.T. -0.016 min
Lab File: VL038342.D
Acq: 14 Feb 2022 15:39

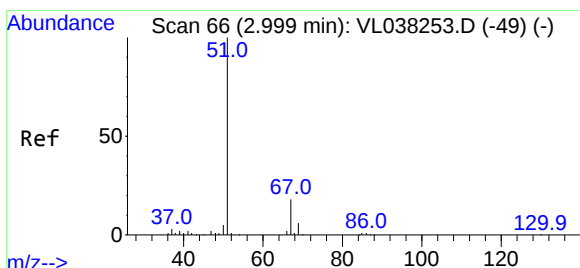
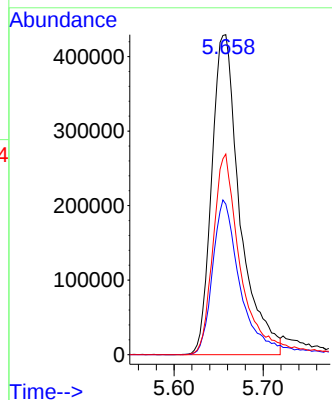
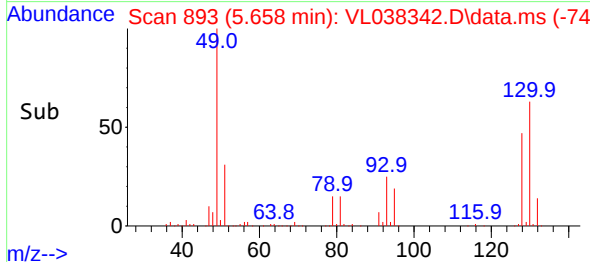
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



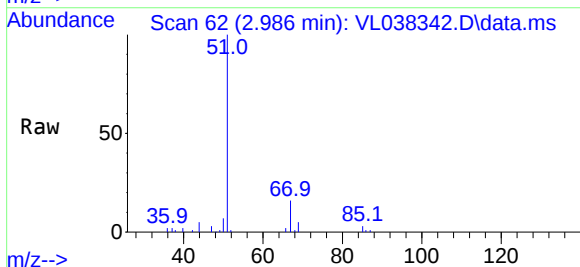
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Ion Ratio Lower Upper
49 100
128 50.5 24.5 73.5
130 64.4 30.1 90.5

Manual Integrations
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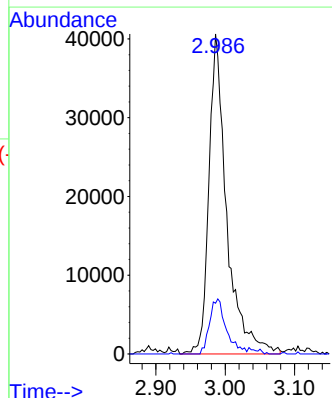
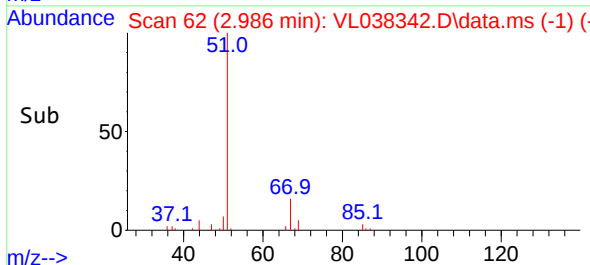
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

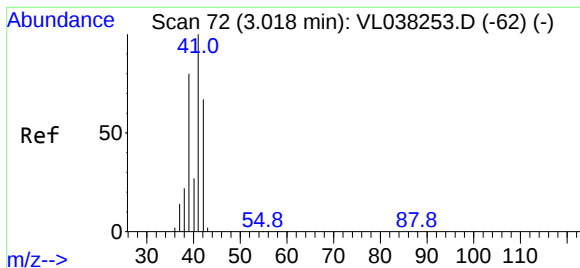


#3
Chlorodifluoromethane
Concen: 0.386 ppbv
RT: 2.986 min Scan# 62
Delta R.T. -0.013 min
Lab File: VL038342.D
Acq: 14 Feb 2022 15:39



Tgt Ion: 51 Resp: 72334
Ion Ratio Lower Upper
51 100
67 17.1 14.4 21.6





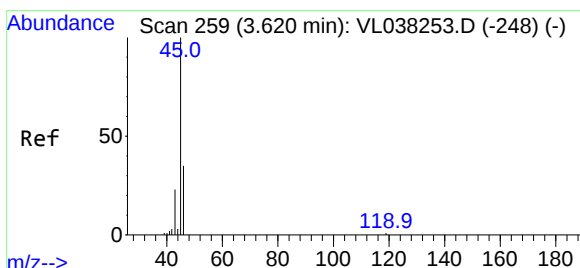
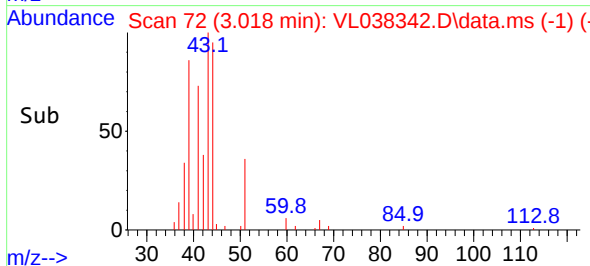
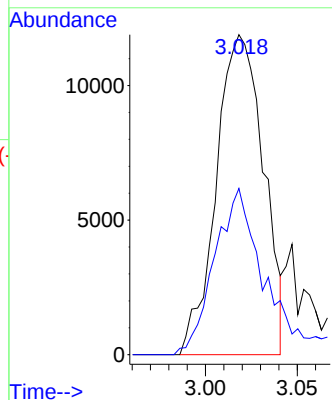
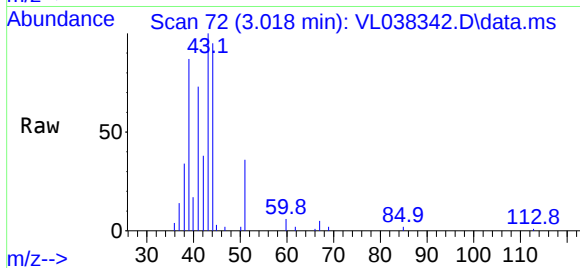
#9
 Propene
 Concen: 0.348 ppbv
 RT: 3.018 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL038342.D
 Acq: 14 Feb 2022 15:39

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Tgt Ion: 41 Resp: 2126
 Ion Ratio Lower Upper
 41 100
 42 56.5 54.9 82.3

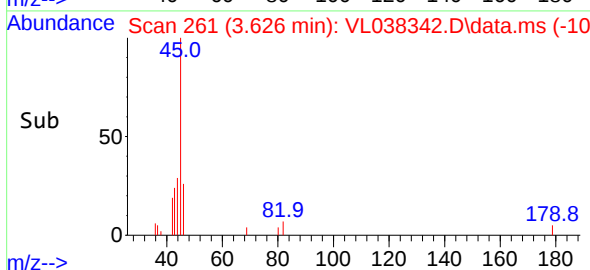
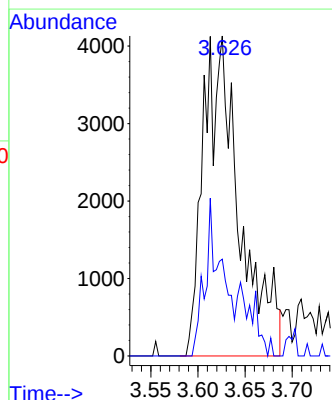
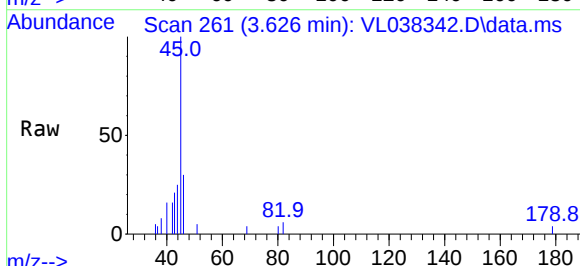
Manual Integrations
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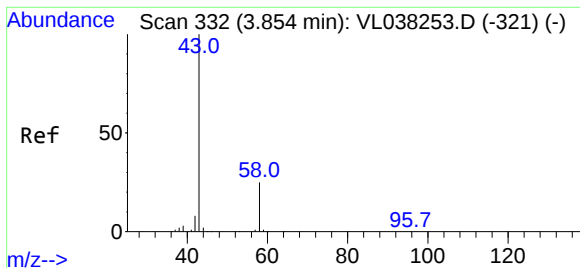
Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022



#13
 Ethanol
 Concen: 1.682 ppbv m
 RT: 3.626 min Scan# 261
 Delta R.T. 0.006 min
 Lab File: VL038342.D
 Acq: 14 Feb 2022 15:39

Tgt Ion: 45 Resp: 11023
 Ion Ratio Lower Upper
 45 100
 46 33.0 15.4 61.6





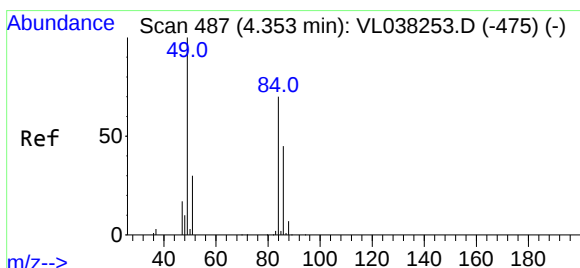
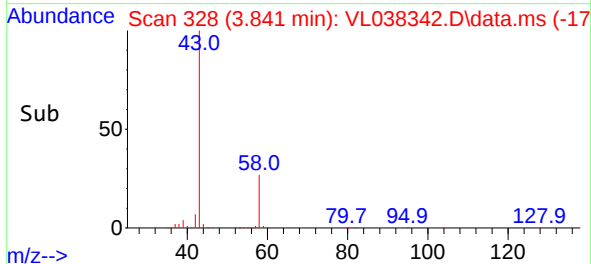
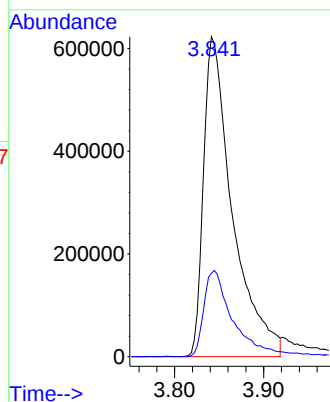
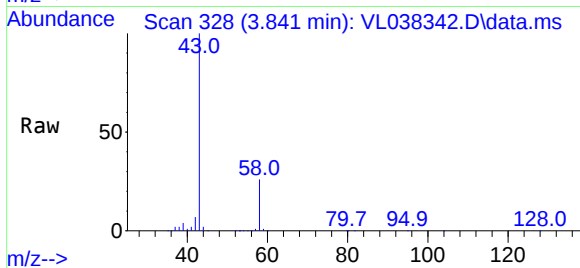
#15
Acetone
Concen: 16.896 ppbv
RT: 3.841 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL038342.D
Acq: 14 Feb 2022 15:39

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 1402770
Ion Ratio Lower Upper
43 100
58 28.5 21.5 32.3

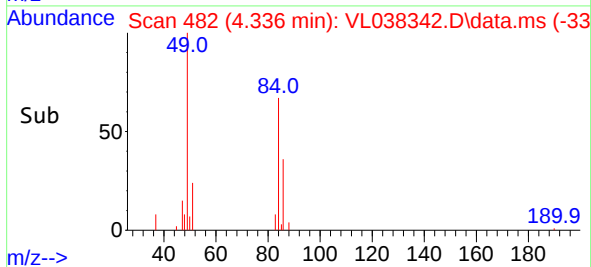
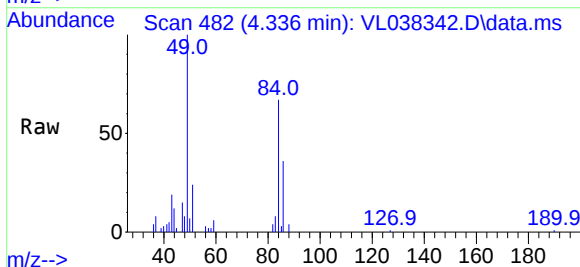
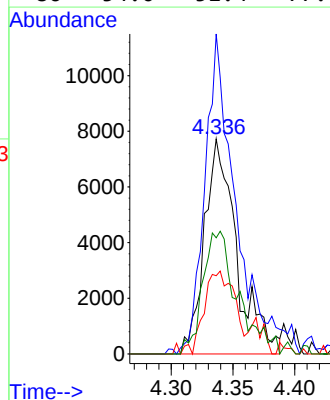
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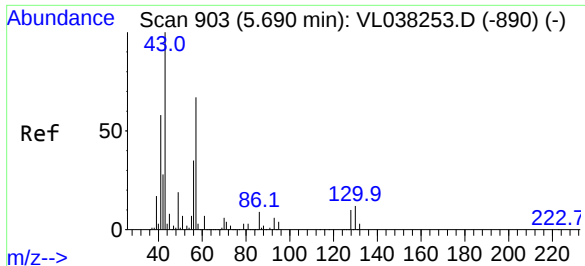
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#20
Methylene Chloride
Concen: 0.290 ppbv m
RT: 4.336 min Scan# 482
Delta R.T. -0.016 min
Lab File: VL038342.D
Acq: 14 Feb 2022 15:39

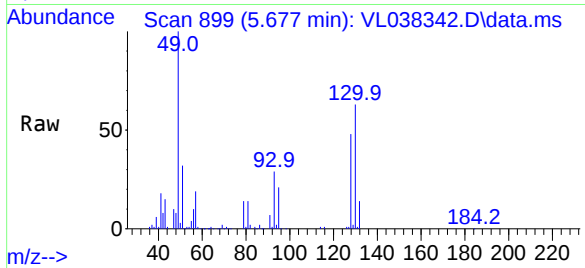
Tgt Ion: 84 Resp: 14002
Ion Ratio Lower Upper
84 100
49 148.8 115.0 172.6
51 36.4 35.0 52.6
86 54.0 51.4 77.0





#26
Hexane
Concen: 0.539 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.013 min
Lab File: VL038342.D
Acq: 14 Feb 2022 15:39

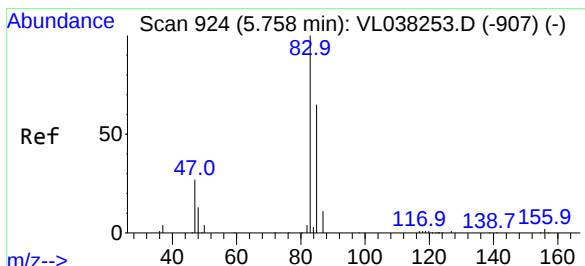
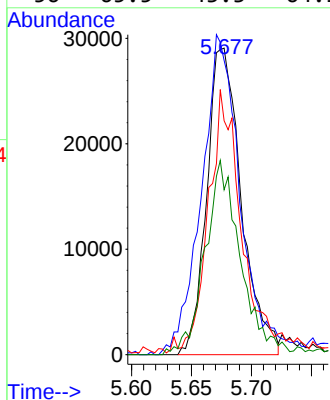
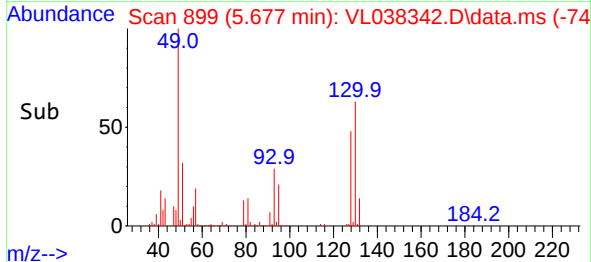
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 58312
Ion Ratio Lower Upper
57 100
41 123.5 72.8 109.2
43 85.7 177.0 265.6
56 65.5 43.3 64.9

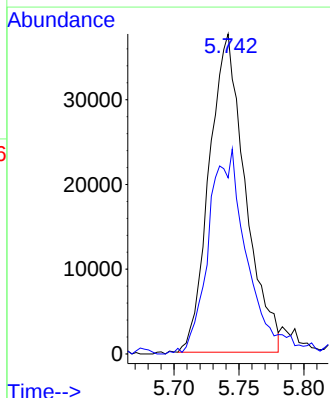
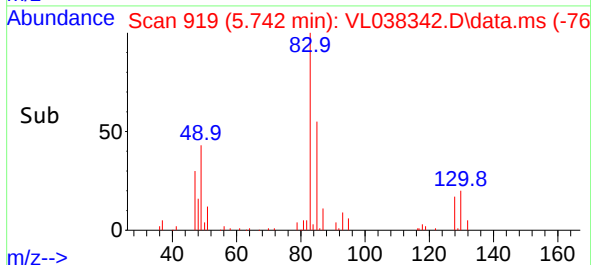
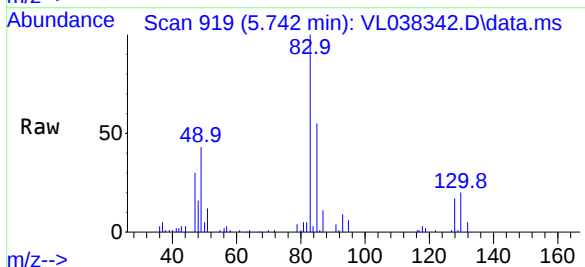
Manual Integrations
APPROVED

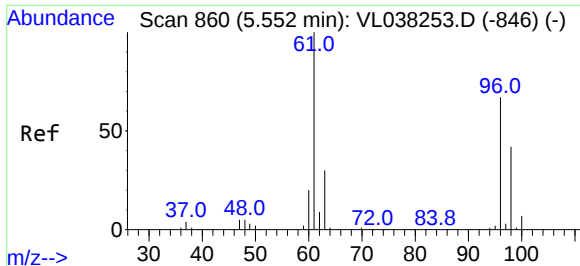
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#29
Chloroform
Concen: 0.411 ppbv
RT: 5.742 min Scan# 919
Delta R.T. -0.016 min
Lab File: VL038342.D
Acq: 14 Feb 2022 15:39

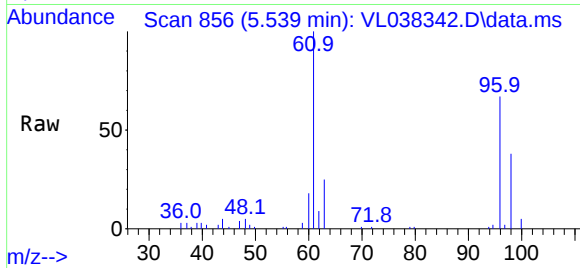
Tgt Ion: 83 Resp: 72533
Ion Ratio Lower Upper
83 100
85 53.6 51.9 77.9





#31
 cis-1,2-Dichloroethene
 Concen: 0.559 ppbv m
 RT: 5.539 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL038342.D
 Acq: 14 Feb 2022 15:39

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

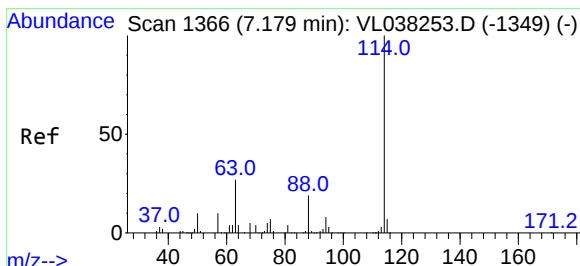
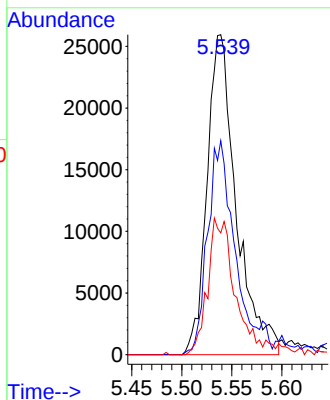
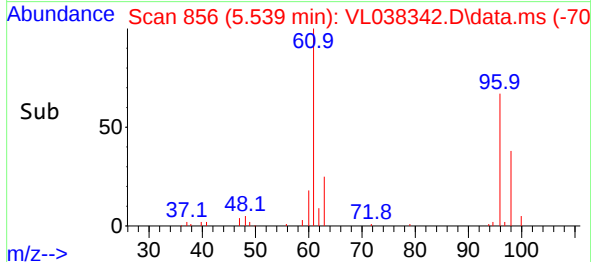


Tgt Ion: 61 Resp: 5275

Ion	Ratio	Lower	Upper
61	100		
96	66.8	53.3	79.9
98	38.1	33.7	50.5

Manual Integrations
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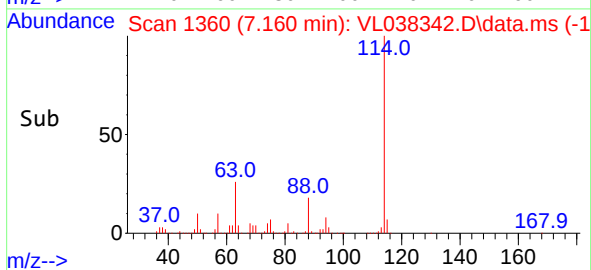
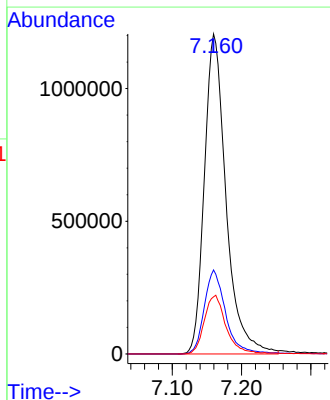
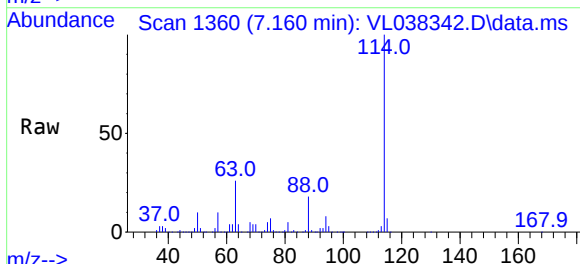
Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022

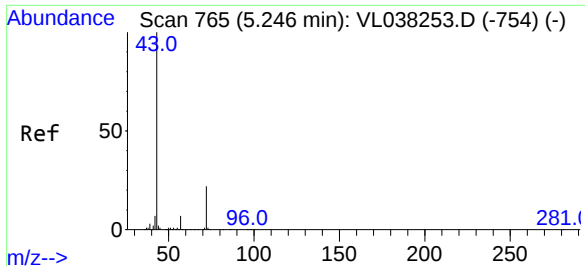


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.160 min Scan# 1360
 Delta R.T. -0.019 min
 Lab File: VL038342.D
 Acq: 14 Feb 2022 15:39

Tgt Ion:114 Resp: 2618918

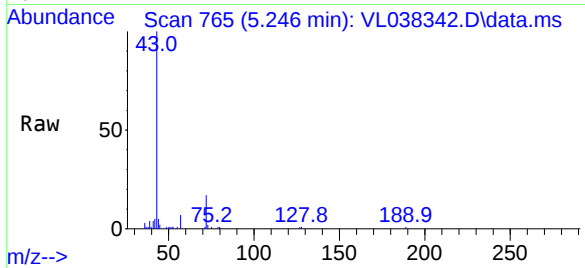
Ion	Ratio	Lower	Upper
114	100		
63	26.2	22.0	33.0
88	18.7	15.0	22.6





#34
2-Butanone
Concen: 0.662 ppbv
RT: 5.246 min Scan# 765
Delta R.T. -0.000 min
Lab File: VL038342.D
Acq: 14 Feb 2022 15:39

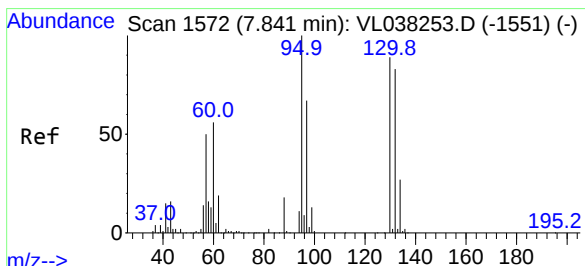
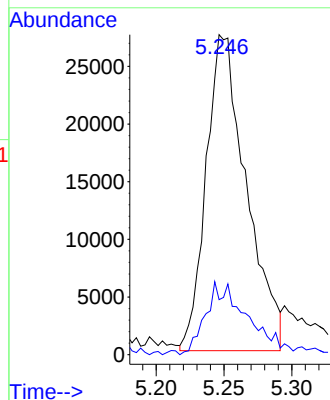
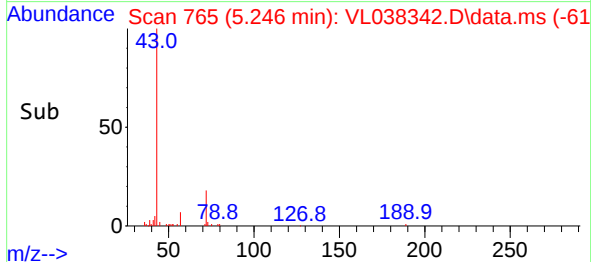
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 5669
Ion Ratio Lower Upper
43 100
72 23.4 18.1 27.1

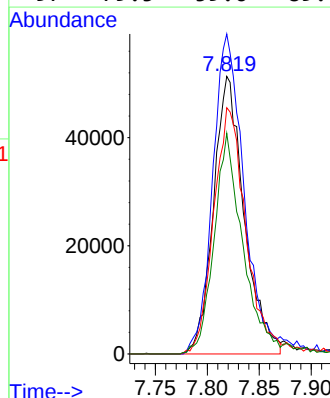
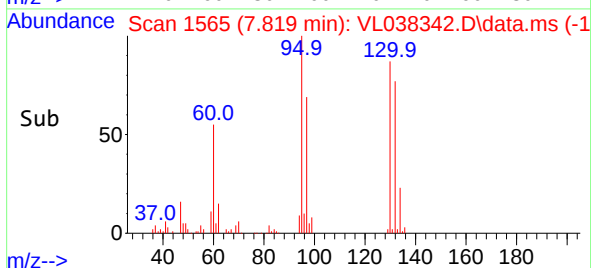
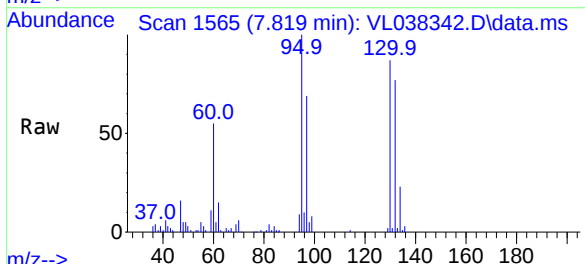
Manual Integrations
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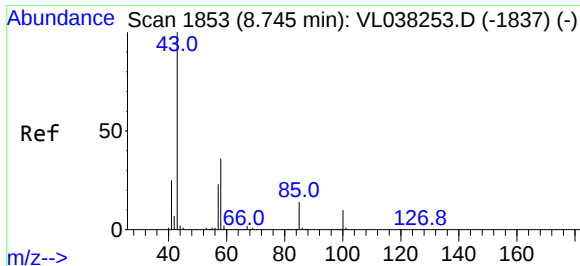
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#38
Trichloroethene
Concen: 1.225 ppbv
RT: 7.819 min Scan# 1565
Delta R.T. -0.023 min
Lab File: VL038342.D
Acq: 14 Feb 2022 15:39

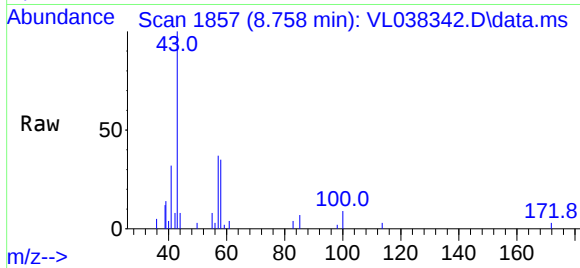
Tgt Ion:130 Resp: 105675
Ion Ratio Lower Upper
130 100
95 115.3 89.4 134.2
132 88.7 74.6 111.8
97 79.5 59.6 89.4





#50
4-Methyl-2-Pentanone
Concen: 0.131 ppbv m
RT: 8.758 min Scan# 1857
Delta R.T. 0.013 min
Lab File: VL038342.D
Acq: 14 Feb 2022 15:39

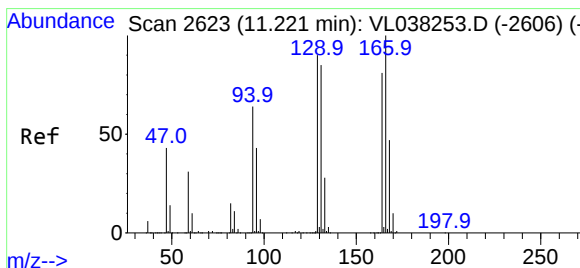
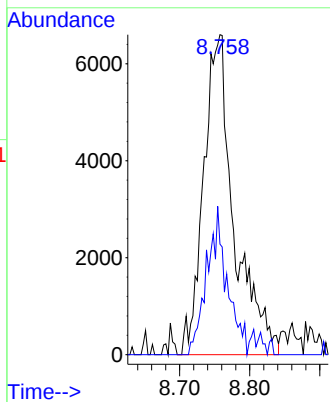
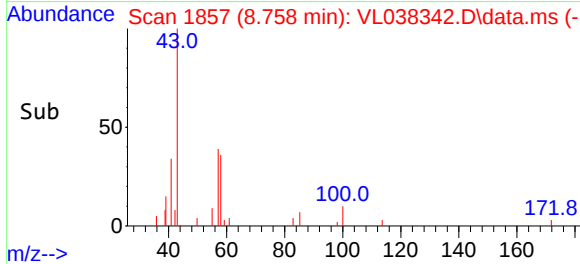
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



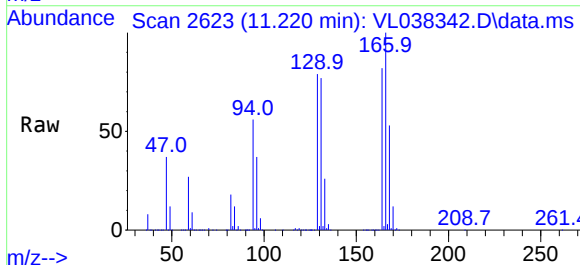
Tgt Ion: 43 Resp: 19960
Ion Ratio Lower Upper
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58 0.0 28.2 42.4

Manual Integrations
APPROVED

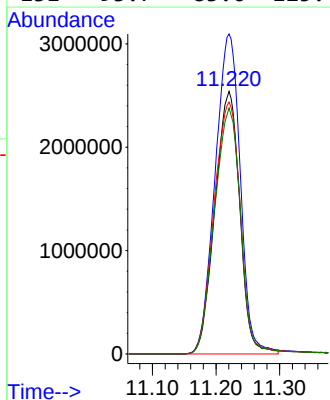
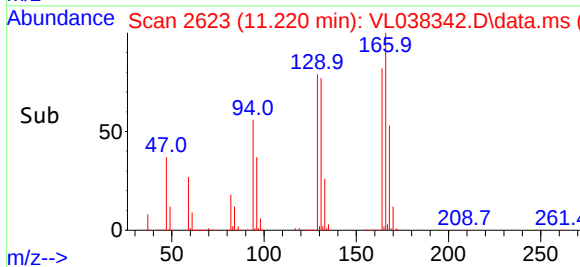
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

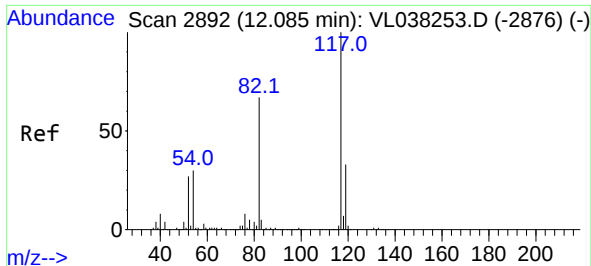


#52
Tetrachloroethene
Concen: 86.004 ppbv
RT: 11.220 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VL038342.D
Acq: 14 Feb 2022 15:39



Tgt Ion:164 Resp: 6866518
Ion Ratio Lower Upper
164 100
166 121.9 98.8 148.2
129 95.9 89.2 133.8
131 93.7 83.6 125.4





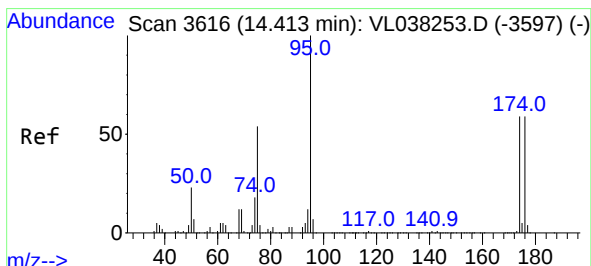
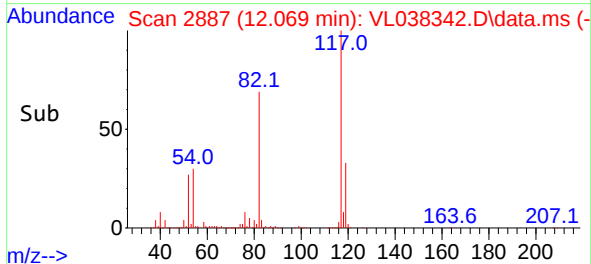
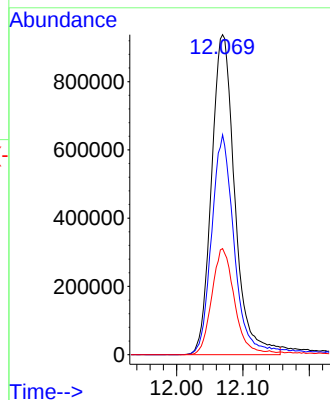
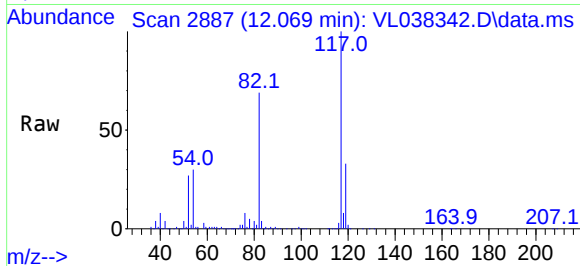
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.069 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL038342.D
Acq: 14 Feb 2022 15:39

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 117 Resp: 228606
Ion Ratio Lower Upper
117 100
82 70.2 54.4 81.6
119 34.0 45.9 68.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.588 ppbv
RT: 14.397 min Scan# 3611
Delta R.T. -0.016 min
Lab File: VL038342.D
Acq: 14 Feb 2022 15:39

Tgt Ion: 95 Resp: 1837107
Ion Ratio Lower Upper
95 100
174 62.0 48.3 72.5
175 4.3 3.5 5.3

