

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038243.D
 Acq On : 29 Dec 2021 21:54
 Operator : SY/AP
 Sample : M5250-01DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1ST-FLOORDL2

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 30 06:20:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Dec 2
 QLast Update : Tue Dec 21 17:47:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	681947	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	1733535	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	1484443	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	1184872	10.358	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.600%
Target Compounds						
					Qvalue	
13) Ethanol	3.632	45	6908	0.819	ppbv #	100
15) Acetone	3.877	43	28190	0.412	ppbv #	87
20) Methylene Chloride	4.353	84	22494	0.582	ppbv	92
26) Hexane	5.697	57	16133m	0.173	ppbv	

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

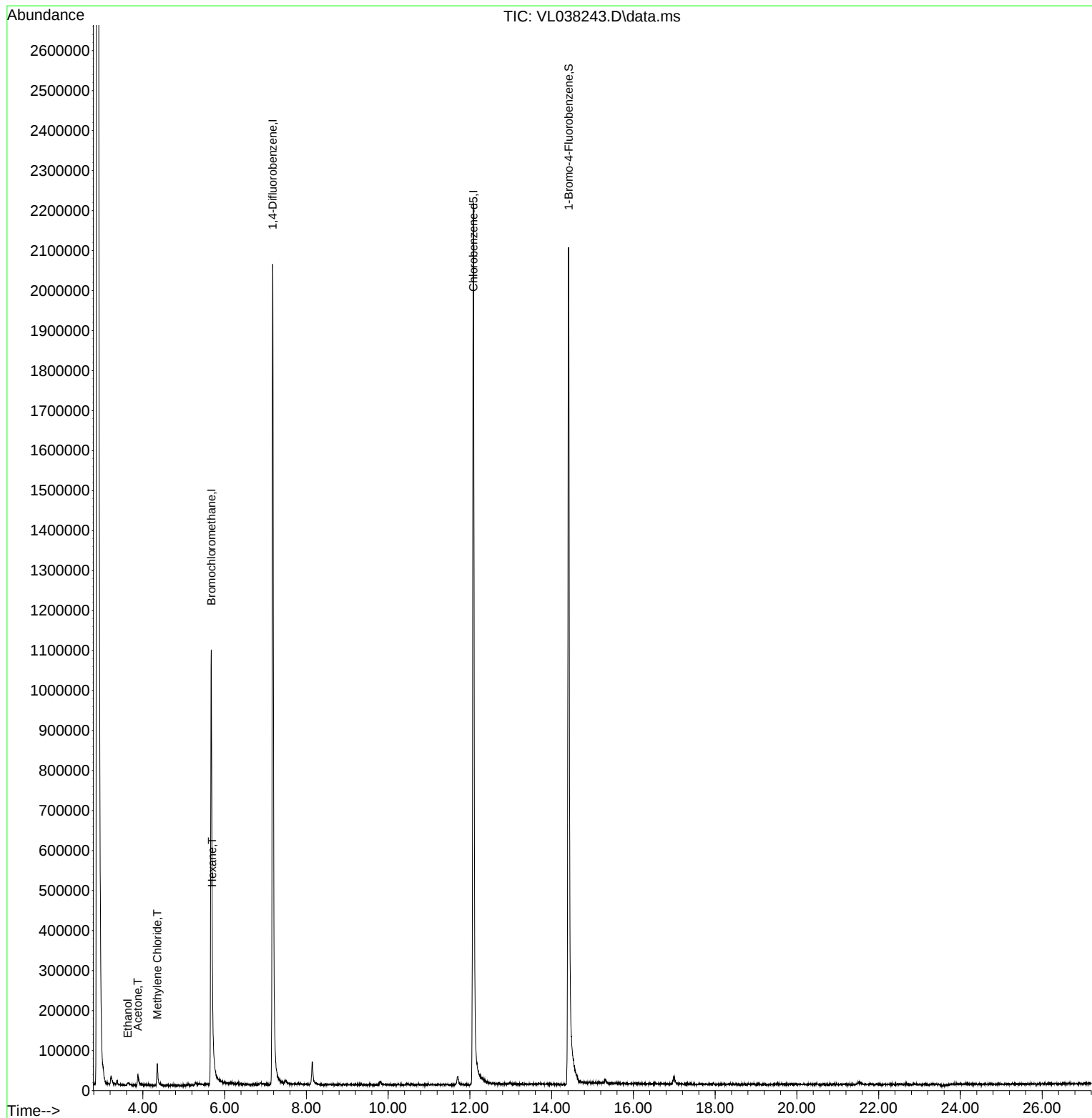
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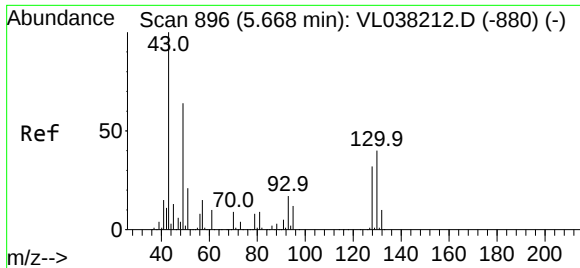
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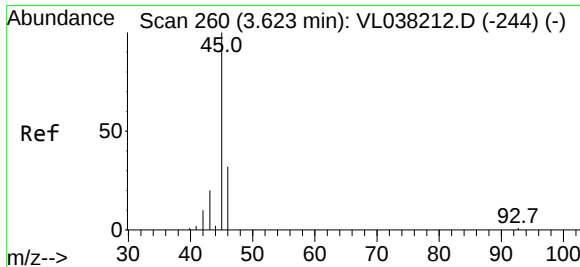
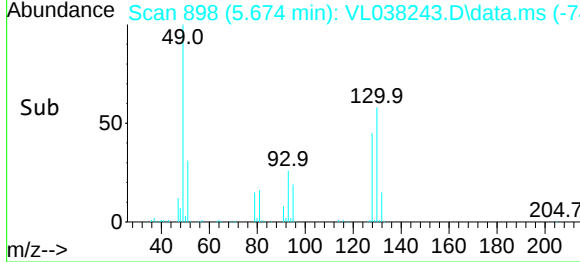
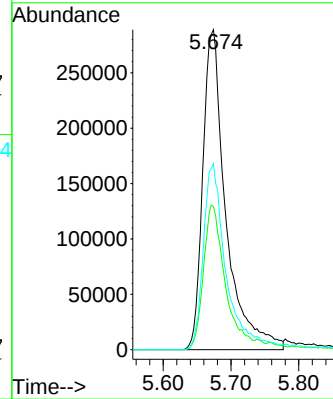
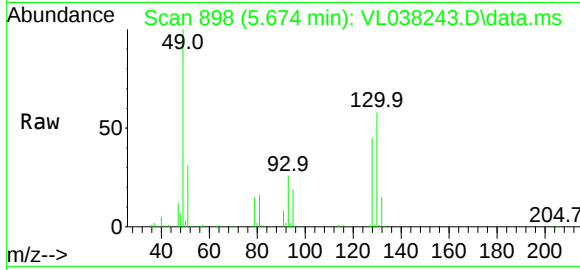
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 896
Delta R.T. 0.006 min
Lab File: VL038243.D
Acq: 29 Dec 2021 21:54

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOORDL2

Tgt Ion: 49 Resp: 68194
Ion Ratio Lower Upper
49 100
128 46.4 26.9 80.6
130 59.5 32.3 96.9

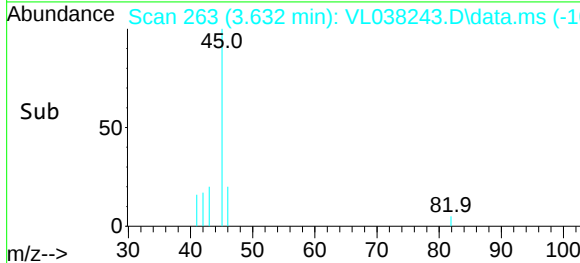
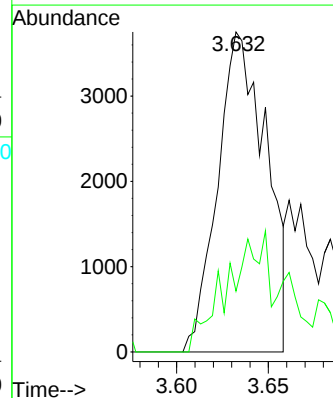
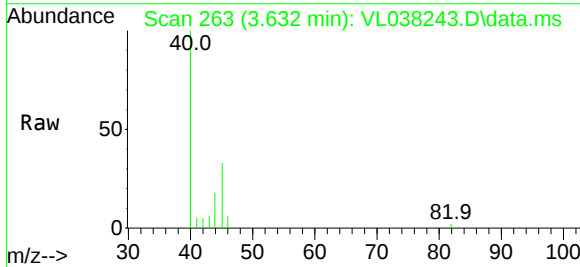
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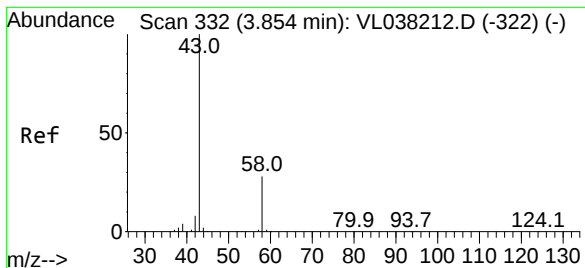
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#13
Ethanol
Concen: 0.819 ppbv
RT: 3.632 min Scan# 263
Delta R.T. 0.009 min
Lab File: VL038243.D
Acq: 29 Dec 2021 21:54

Tgt Ion: 45 Resp: 6908
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0





#15

Acetone

Concen: 0.412 ppbv

RT: 3.877 min Scan# 3

Delta R.T. 0.022 min

Lab File: VL038243.D

Acq: 29 Dec 2021 21:54

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOORDL2

Tgt Ion: 43 Resp: 28190

Ion Ratio Lower Upper

43 100

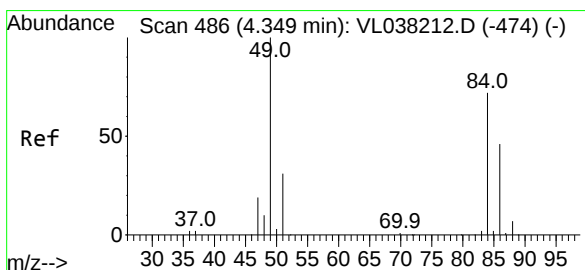
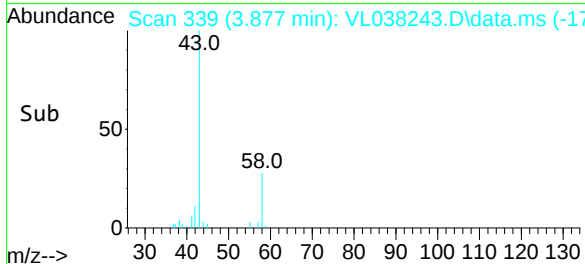
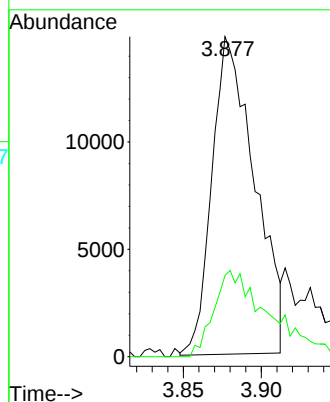
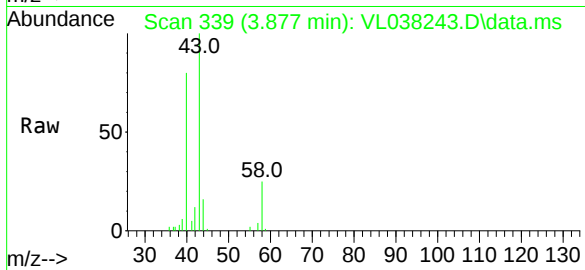
58 36.0 23.3 34.9

Manual Integrations

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#20

Methylene Chloride

Concen: 0.582 ppbv

RT: 4.353 min Scan# 487

Delta R.T. 0.003 min

Lab File: VL038243.D

Acq: 29 Dec 2021 21:54

Tgt Ion: 84 Resp: 22494

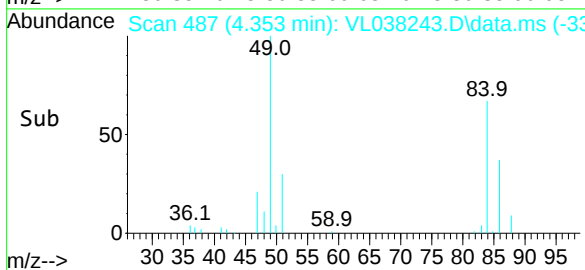
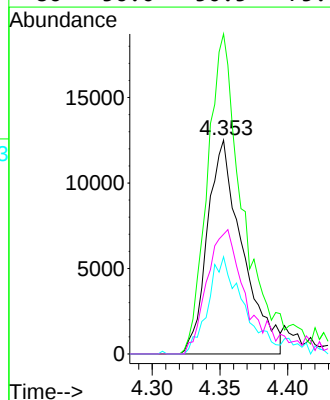
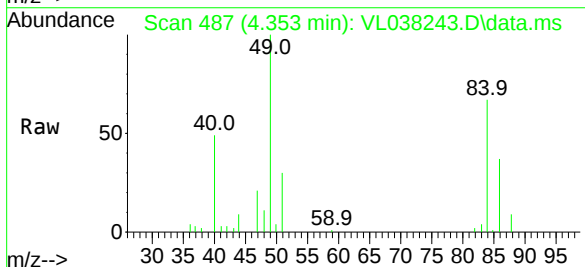
Ion Ratio Lower Upper

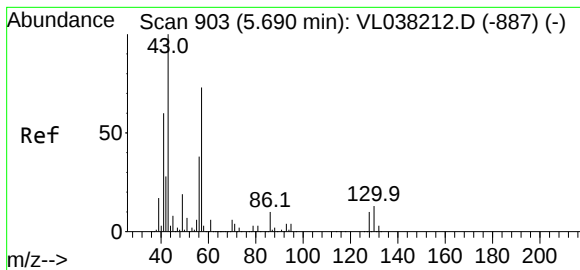
84 100

49 149.7 110.6 166.0

51 45.4 34.2 51.2

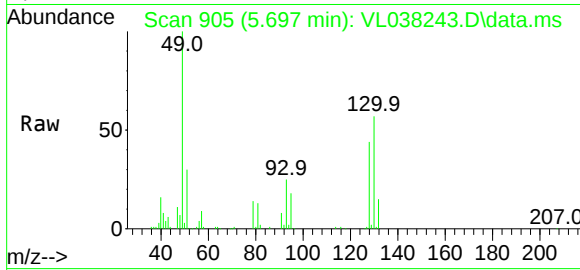
86 56.0 50.5 75.7





#26
Hexane
Concen: 0.173 ppbv m
RT: 5.697 min Scan# 903
Delta R.T. 0.006 min
Lab File: VL038243.D
Acq: 29 Dec 2021 21:54

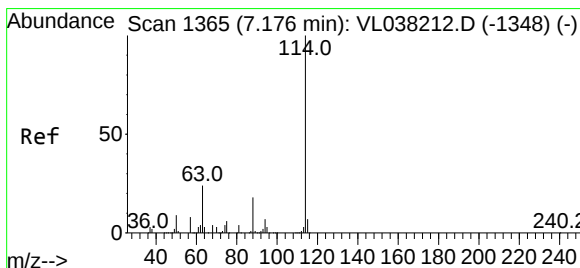
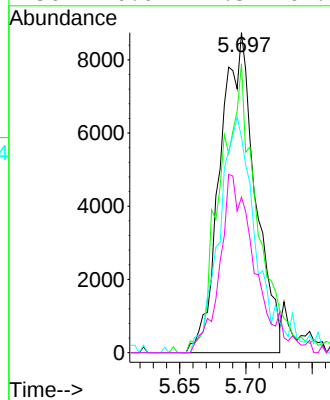
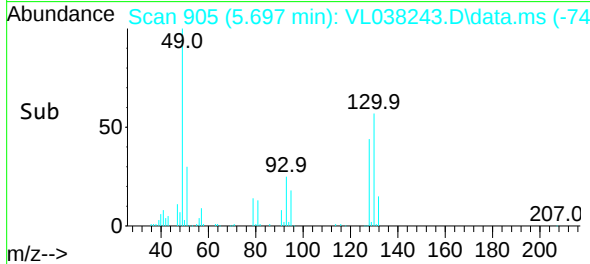
Instrument :
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ClientSampleId :
1ST-FLOORDL2



Tgt Ion: 57 Resp: 1613
Ion Ratio Lower Upper
57 100
41 96.7 69.0 103.6
43 79.7 171.2 256.8
56 0.0 41.5 62.3#

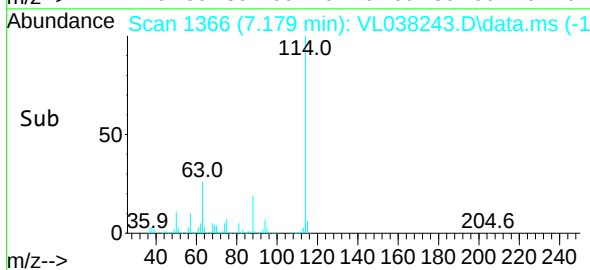
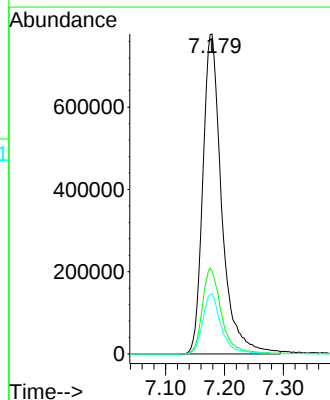
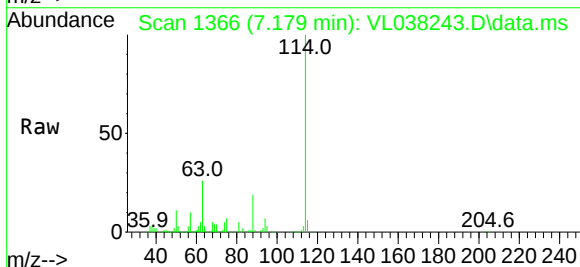
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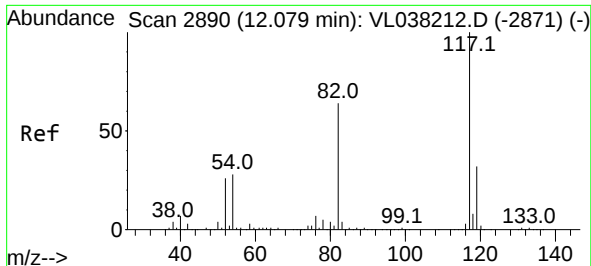
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. 0.003 min
Lab File: VL038243.D
Acq: 29 Dec 2021 21:54

Tgt Ion:114 Resp: 1733535
Ion Ratio Lower Upper
114 100
63 27.4 19.7 29.5
88 18.5 14.3 21.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.085 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL038243.D

Acq: 29 Dec 2021 21:54

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOORDL2

Tgt Ion:117 Resp: 148444

Ion Ratio Lower Upper

117 100

82 72.0 53.3 79.9

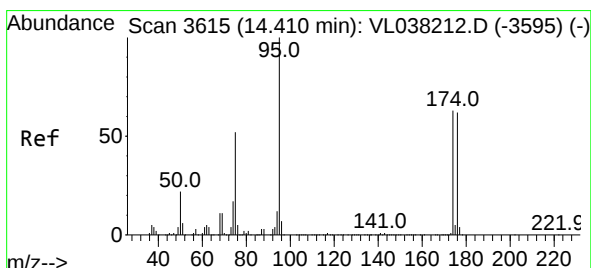
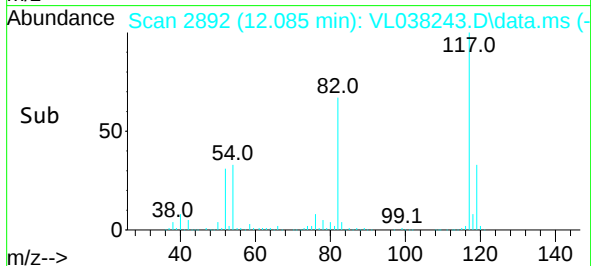
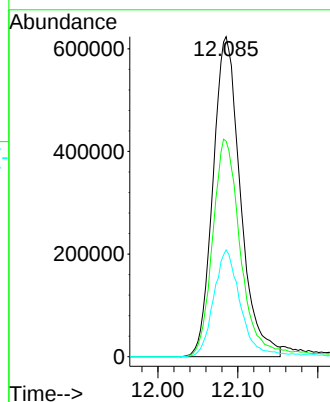
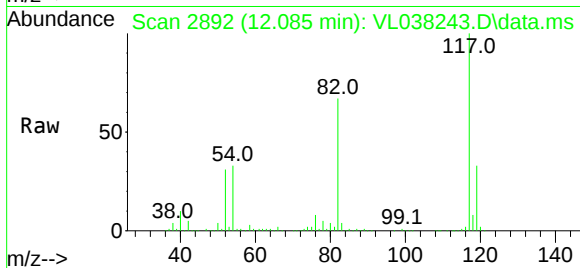
119 33.2 25.5 38.3

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.358 ppbv

RT: 14.416 min Scan# 3617

Delta R.T. 0.006 min

Lab File: VL038243.D

Acq: 29 Dec 2021 21:54

Tgt Ion: 95 Resp: 1184872

Ion Ratio Lower Upper

95 100

174 61.5 54.6 81.8

175 4.3 4.1 6.1

