

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039503.D
 Acq On : 20 Jul 2022 5:56
 Operator : SY/AP
 Sample : N3750-09DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

Quant Time: Jul 20 07:28:41 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 20 07:28:41 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.681	49	955226	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	2668282	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	2340036	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	1733653	9.987	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
13) Ethanol	3.626	45	22840m	7.193	ppbv	Qvalue
15) Acetone	3.870	43	73191	0.648	ppbv #	80
20) Methylene Chloride	4.359	84	25437	0.565	ppbv	85
26) Hexane	5.700	57	14125	0.151	ppbv #	39

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

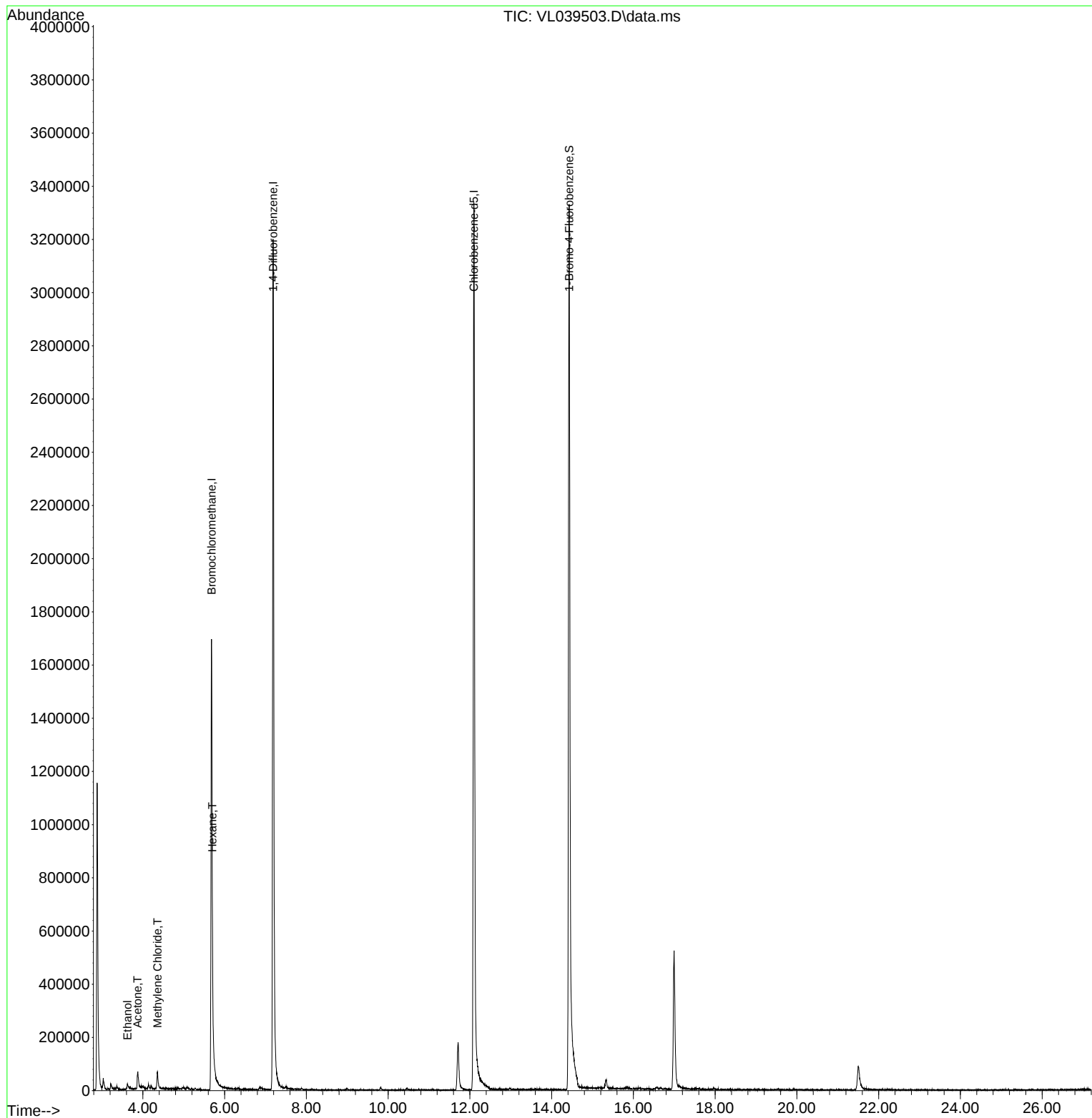
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
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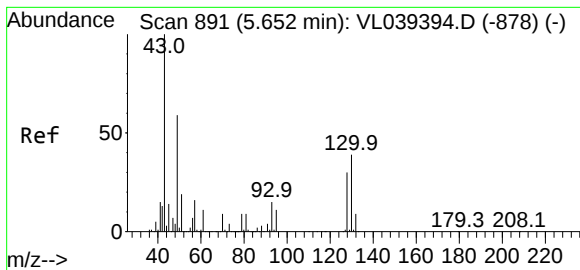
Instrument :
MSVOA_L
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
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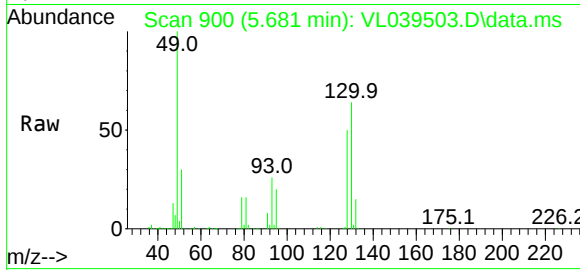
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.029 min
Lab File: VL039503.D
Acq: 20 Jul 2022 5:56

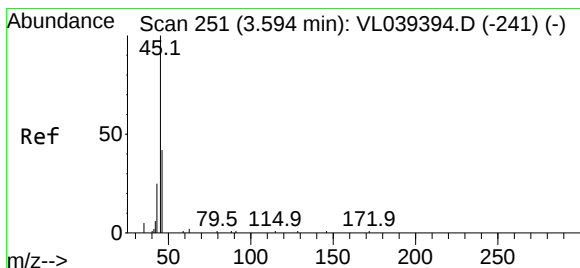
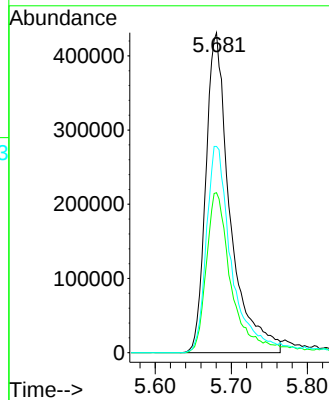
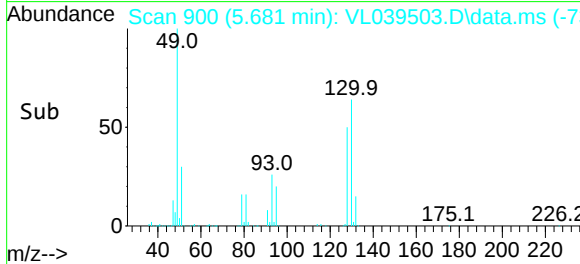
Instrument :
MSVOA_L
ClientSampleId :
OA-1DL



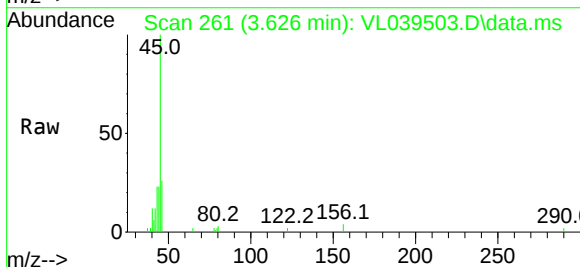
Tgt Ion: 49 Resp: 955220
Ion Ratio Lower Upper
49 100
128 52.7 26.7 80.0
130 71.2 34.3 102.8

Manual Integrations
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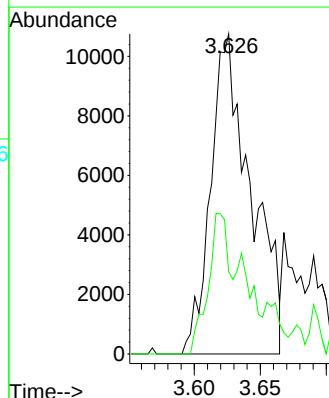
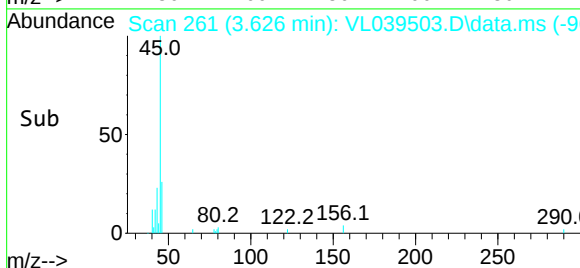
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Supervised By :Mahesh Dadoda 07/21/2022

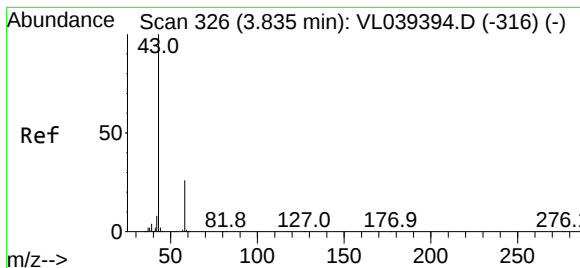


#13
Ethanol
Concen: 7.193 ppbv m
RT: 3.626 min Scan# 261
Delta R.T. 0.032 min
Lab File: VL039503.D
Acq: 20 Jul 2022 5:56



Tgt Ion: 45 Resp: 22840
Ion Ratio Lower Upper
45 100
46 55.6 22.8 91.2





#15

Acetone

Concen: 0.648 ppbv

RT: 3.870 min Scan# 31

Delta R.T. 0.035 min

Lab File: VL039503.D

Acq: 20 Jul 2022 5:56

Instrument :

MSVOA_L

ClientSampleId :

OA-1DL

Tgt Ion: 43 Resp: 7319

Ion Ratio Lower Upper

43 100

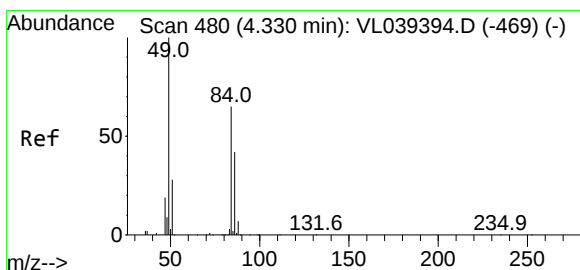
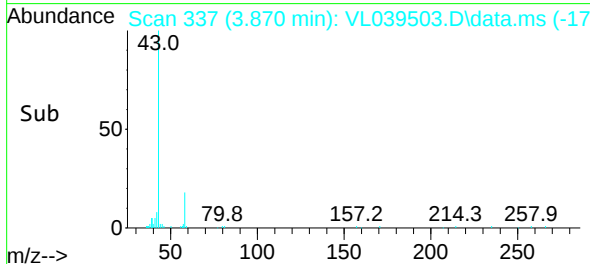
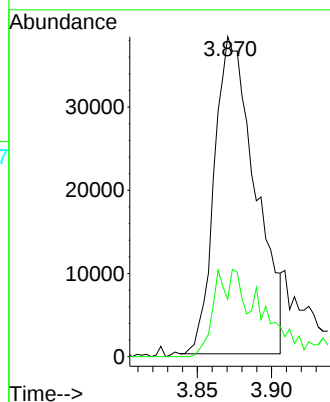
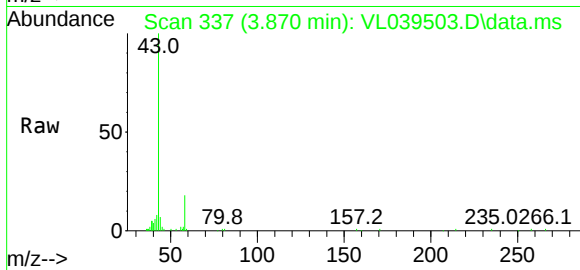
58 36.8 21.0 31.6

Manual Integrations

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#20

Methylene Chloride

Concen: 0.565 ppbv

RT: 4.359 min Scan# 489

Delta R.T. 0.029 min

Lab File: VL039503.D

Acq: 20 Jul 2022 5:56

Tgt Ion: 84 Resp: 25437

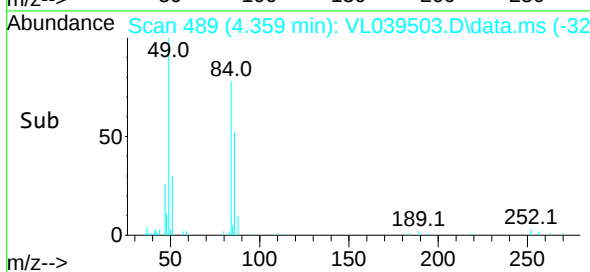
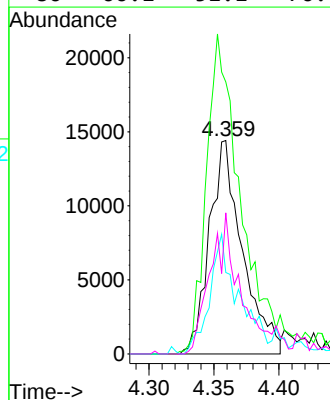
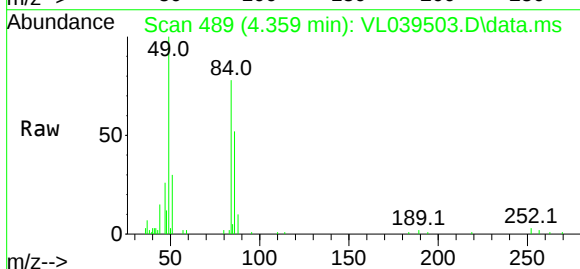
Ion Ratio Lower Upper

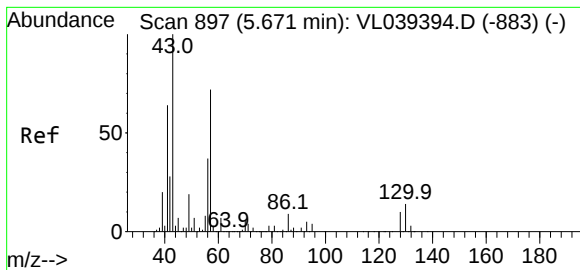
84 100

49 126.2 123.1 184.7

51 38.1 34.4 51.6

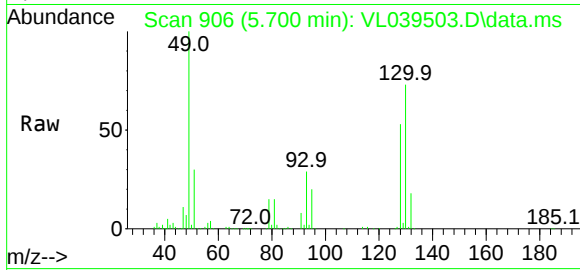
86 66.1 51.1 76.7





#26
Hexane
Concen: 0.151 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.029 min
Lab File: VL039503.D
Acq: 20 Jul 2022 5:56

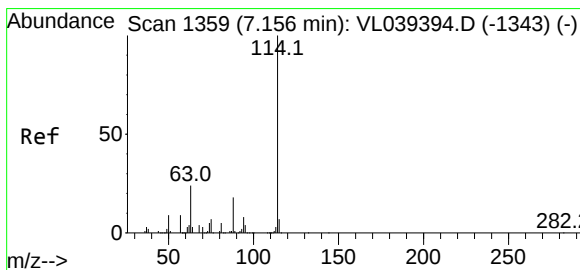
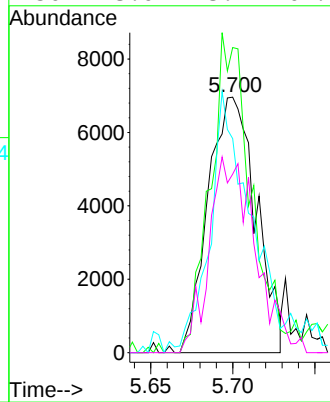
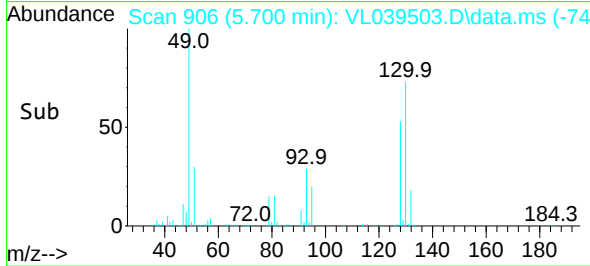
Instrument :
MSVOA_L
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Tgt Ion: 57 Resp: 14125
Ion Ratio Lower Upper
57 100
41 114.3 76.9 115.3
43 94.1 191.0 286.6
56 73.6 43.2 64.8#

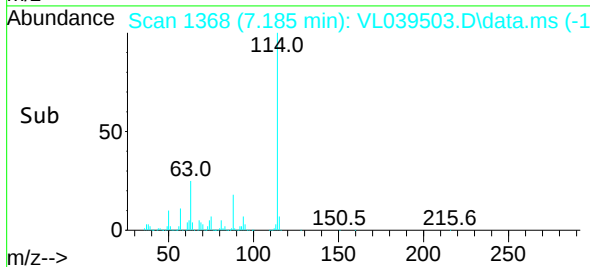
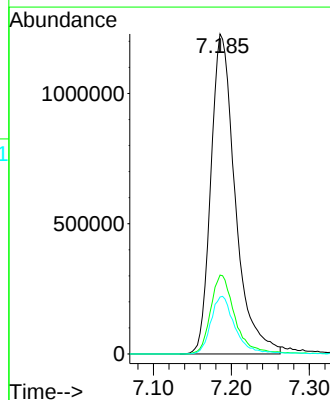
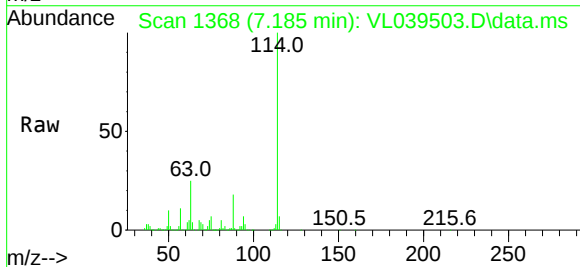
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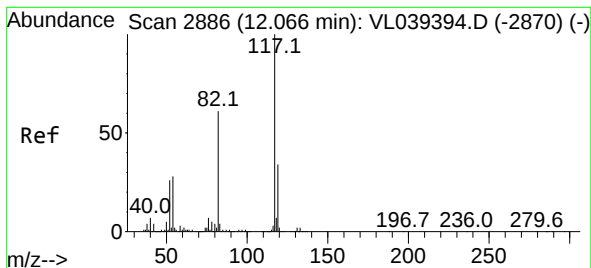
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.029 min
Lab File: VL039503.D
Acq: 20 Jul 2022 5:56

Tgt Ion:114 Resp: 2668282
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.4
88 18.1 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.098 min Scan# 21

Delta R.T. 0.032 min

Lab File: VL039503.D

Acq: 20 Jul 2022 5:56

Instrument :

MSVOA_L

ClientSampleId :

OA-1DL

Tgt Ion:117 Resp: 234003

Ion Ratio Lower Upper

117 100

82 66.5 50.8 76.2

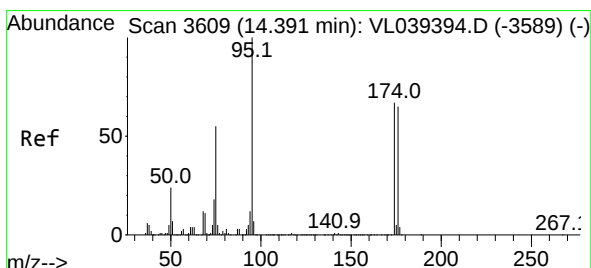
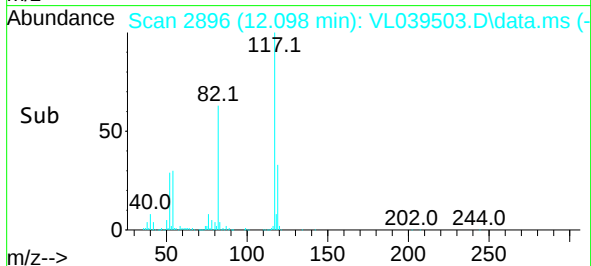
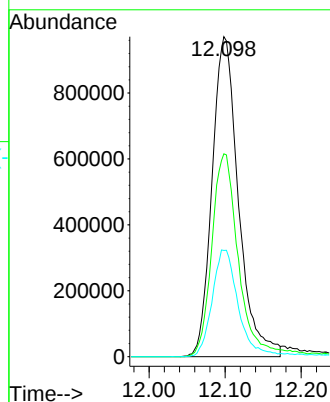
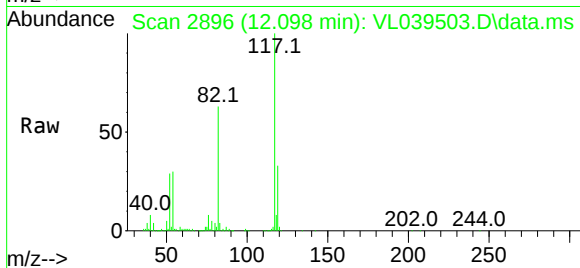
119 34.4 24.1 36.1

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.987 ppbv

RT: 14.429 min Scan# 3621

Delta R.T. 0.039 min

Lab File: VL039503.D

Acq: 20 Jul 2022 5:56

Tgt Ion: 95 Resp: 1733653

Ion Ratio Lower Upper

95 100

174 74.1 55.9 83.9

175 5.8 4.2 6.4

