

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039376.D
 Acq On : 28 Jun 2022 2:55
 Operator : SY/AP
 Sample : N3453-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 04:41:42 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 0
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1076164	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	3047116	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.076	117	2643673	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1946083	8.904	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.000%
Target Compounds						
						Qvalue
13) Ethanol	3.616	45	18541m	5.694	ppbv	
15) Acetone	3.867	43	96432m	0.860	ppbv	
53) Toluene	9.799	91	37192m	0.131	ppbv	

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

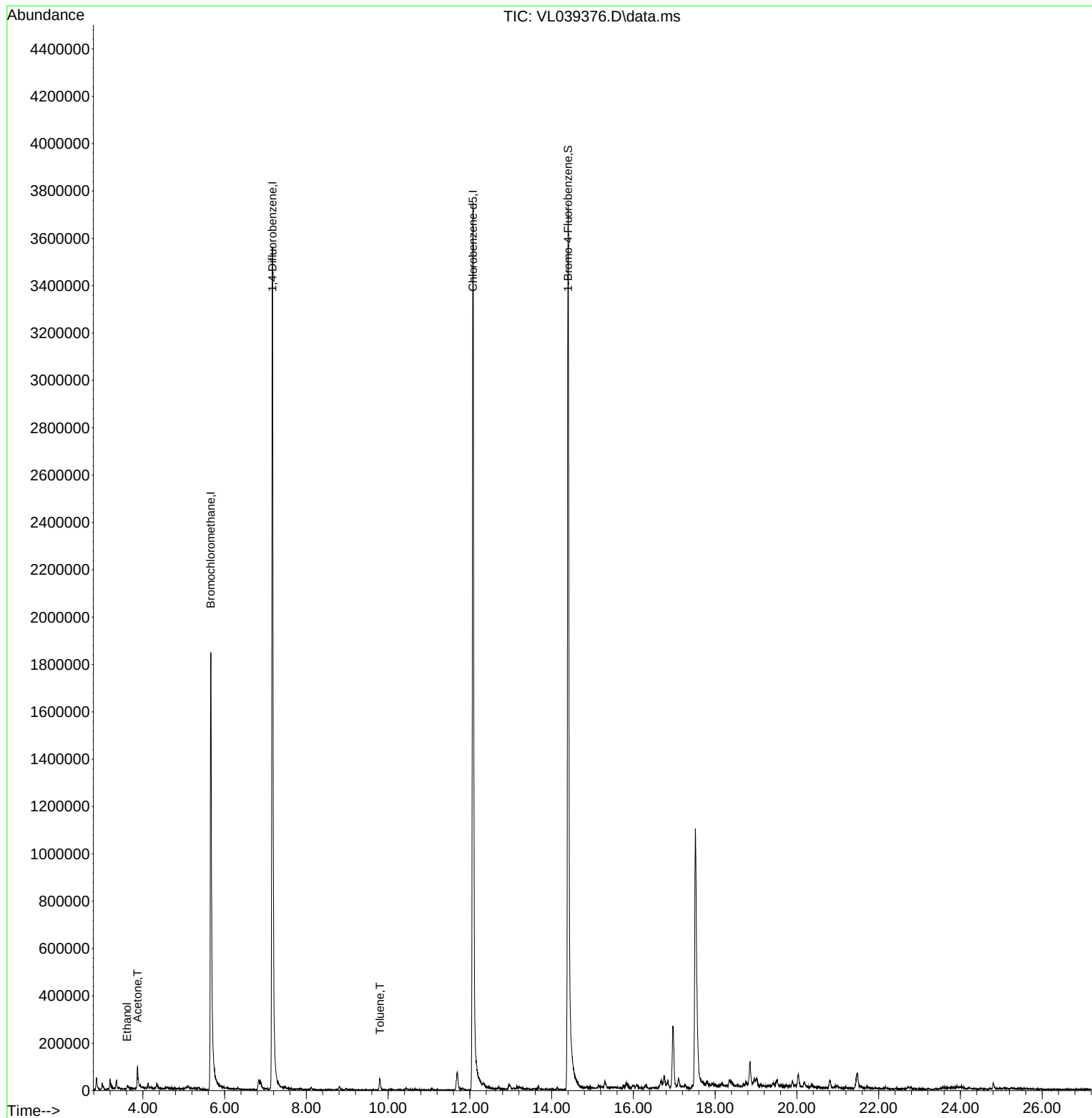
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
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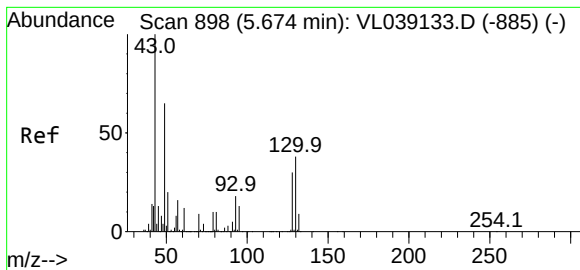
Instrument :
MSVOA_L
ClientSampleId :
SG-2DL

Quant Time: Jun 28 04:41:42 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
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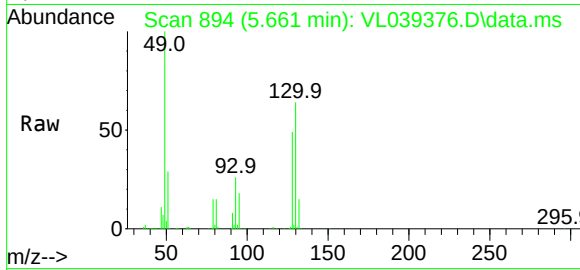
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Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 898
Delta R.T. -0.013 min
Lab File: VL039376.D
Acq: 28 Jun 2022 2:55

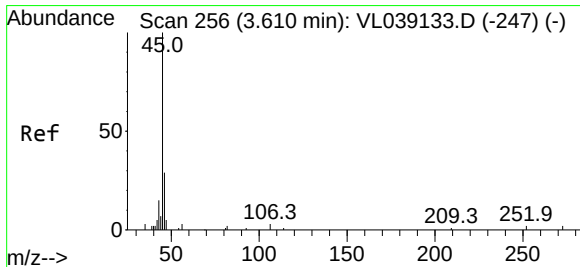
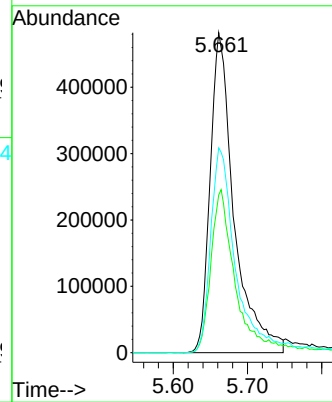
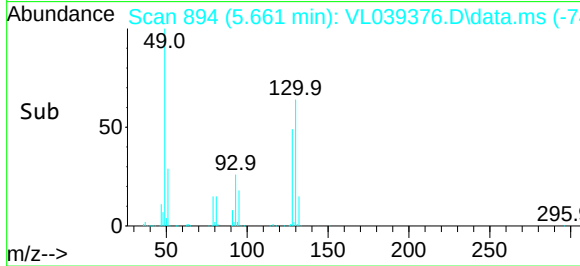
Instrument :
MSVOA_L
ClientSampleId :
SG-2DL



Tgt Ion: 49 Resp: 107616
Ion Ratio Lower Upper
49 100
128 53.0 24.7 74.1
130 70.0 31.4 94.0

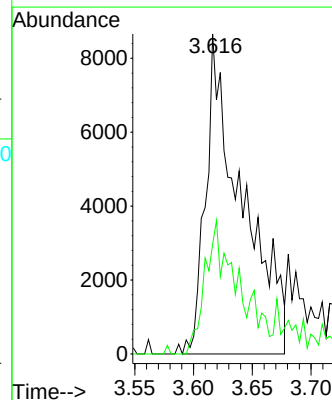
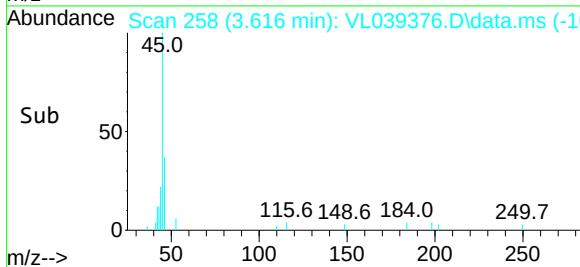
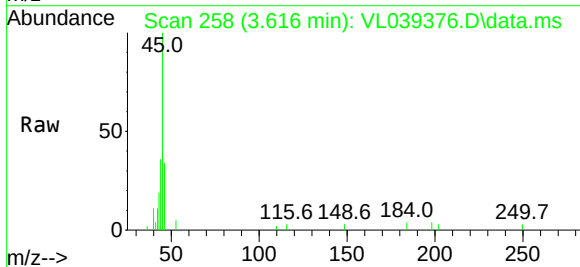
Manual Integrations
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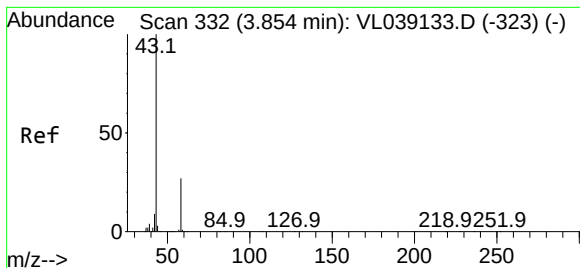
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#13
Ethanol
Concen: 5.694 ppbv m
RT: 3.616 min Scan# 258
Delta R.T. 0.006 min
Lab File: VL039376.D
Acq: 28 Jun 2022 2:55

Tgt Ion: 45 Resp: 18541
Ion Ratio Lower Upper
45 100
46 44.4 0.0 0.0#





#15

Acetone

Concen: 0.860 ppbv m

RT: 3.867 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL039376.D

Acq: 28 Jun 2022 2:55

Instrument :

MSVOA_L

ClientSampleId :

SG-2DL

Tgt Ion: 43 Resp: 9643

Ion Ratio Lower Upper

43 100

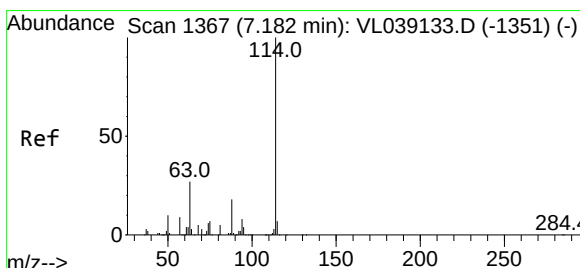
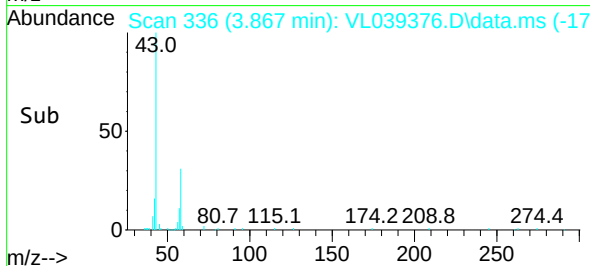
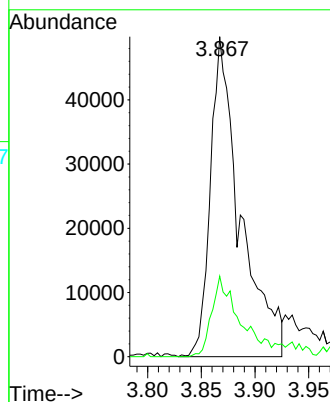
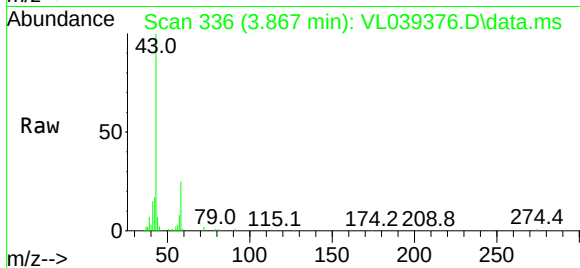
58 23.4 22.5 33.7

Manual Integrations

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Supervised By :Mahesh Dadoda 06/30/2022



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.169 min Scan# 1363

Delta R.T. -0.013 min

Lab File: VL039376.D

Acq: 28 Jun 2022 2:55

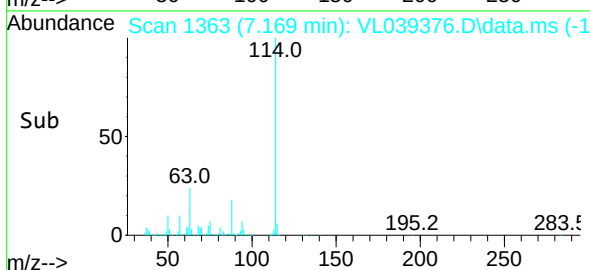
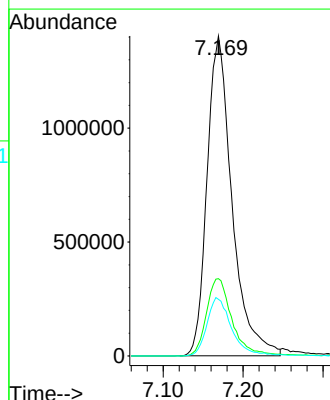
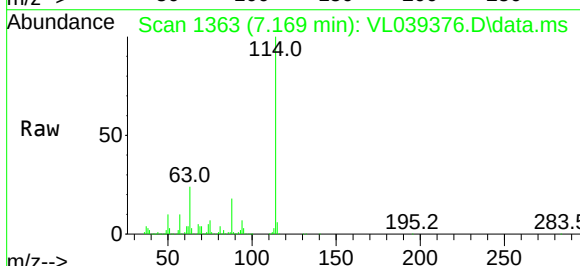
Tgt Ion:114 Resp: 3047116

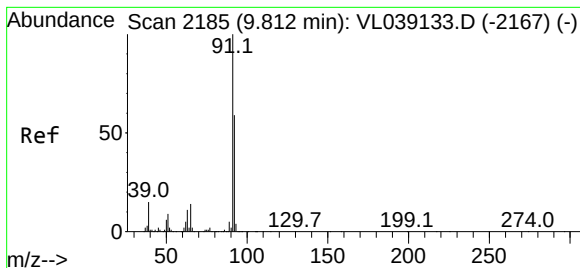
Ion Ratio Lower Upper

114 100

63 25.2 21.7 32.5

88 18.3 14.8 22.2





#53

Toluene

Concen: 0.131 ppbv m

RT: 9.799 min Scan# 2185

Delta R.T. -0.013 min

Lab File: VL039376.D

Acq: 28 Jun 2022 2:55

Instrument :

MSVOA_L

ClientSampleId :

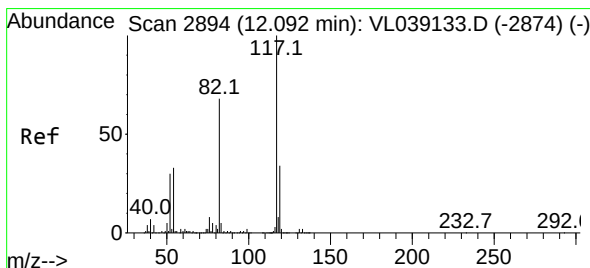
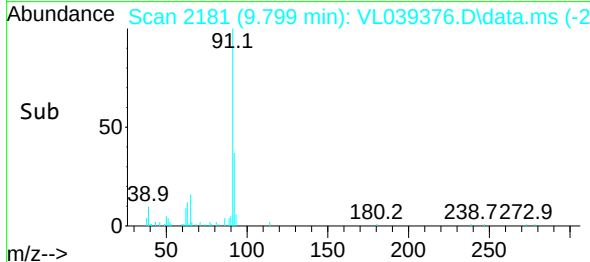
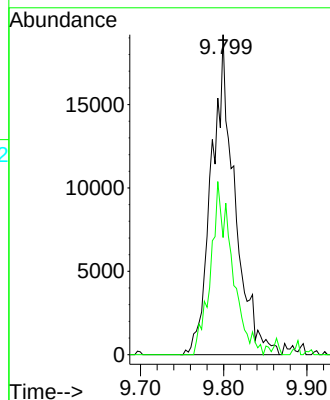
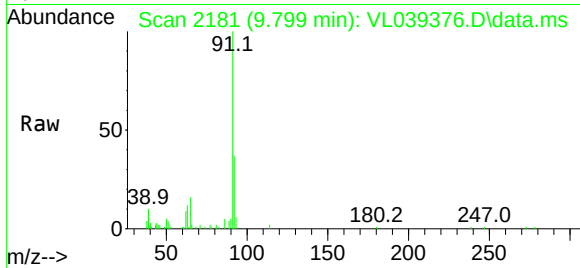
SG-2DL

Tgt Ion: 91 Resp: 37192
 Ion Ratio Lower Upper
 91 100
 92 52.8 48.1 72.1

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

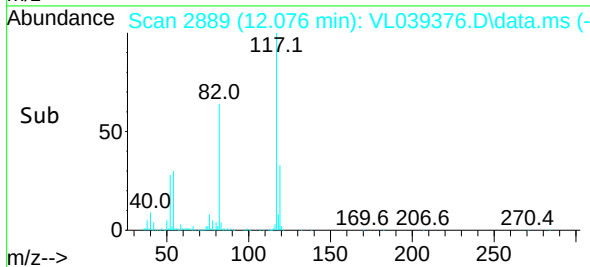
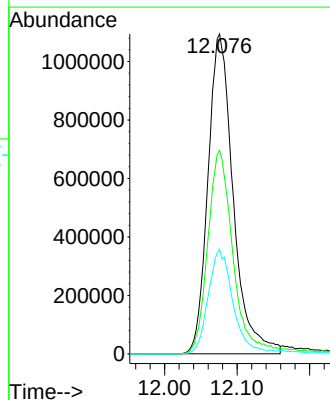
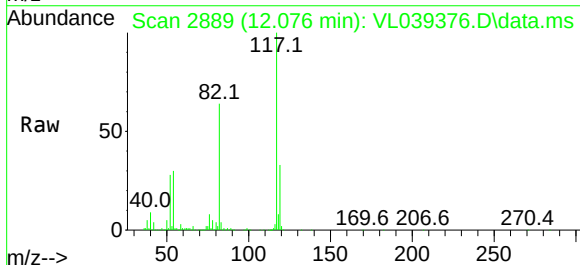
RT: 12.076 min Scan# 2889

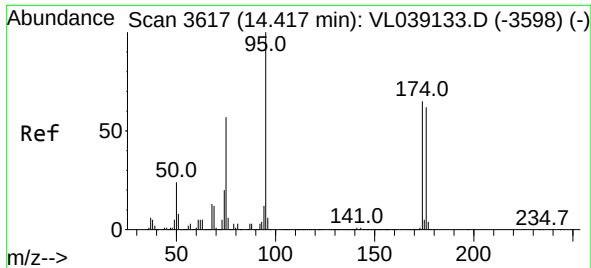
Delta R.T. -0.016 min

Lab File: VL039376.D

Acq: 28 Jun 2022 2:55

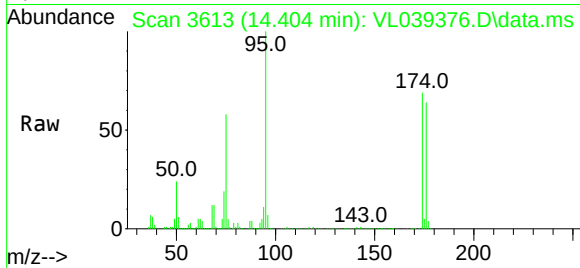
Tgt Ion:117 Resp: 2643673
 Ion Ratio Lower Upper
 117 100
 82 64.6 55.1 82.7
 119 33.7 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.904 ppbv
 RT: 14.404 min Scan# 30
 Delta R.T. -0.013 min
 Lab File: VL039376.D
 Acq: 28 Jun 2022 2:55

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DL



Tgt Ion: 95 Resp: 194608
 Ion Ratio Lower Upper
 95 100
 174 70.9 53.8 80.8
 175 4.9 4.1 6.1

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