

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039690.D
 Acq On : 4 Oct 2022 21:00
 Operator : SY/AP
 Sample : N4955-14LOQ 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2022

Quant Time: Oct 05 04:42:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

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

Internal Standards						
1) Bromochloromethane	5.211	49	1017787	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2669661	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2445907	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1788264	9.794	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.954	62	1875	0.031	ppbv #	69
52) Tetrachloroethene	10.629	164	2404m	0.031	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.060	83	3152m	0.033	ppbv	

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

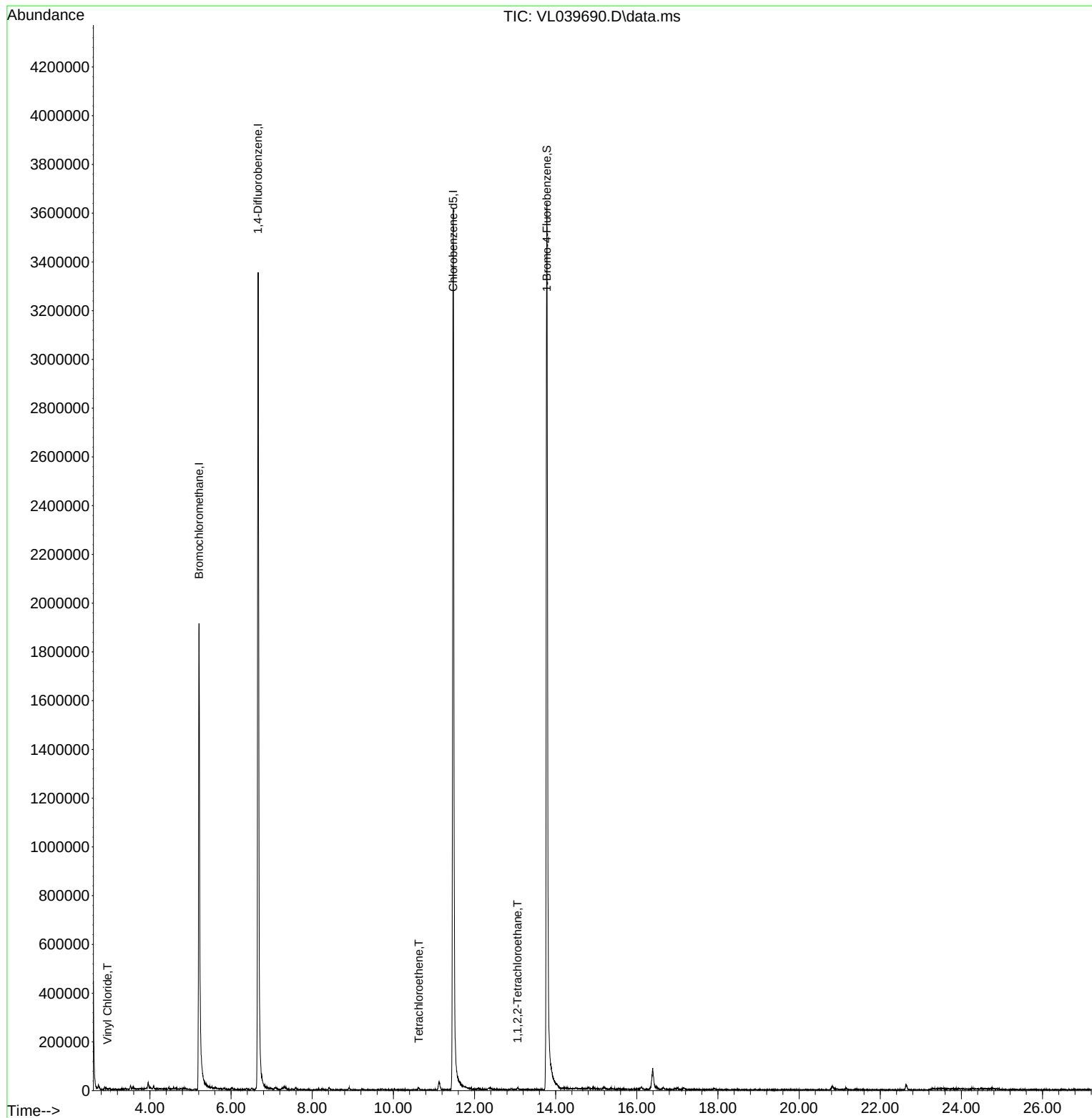
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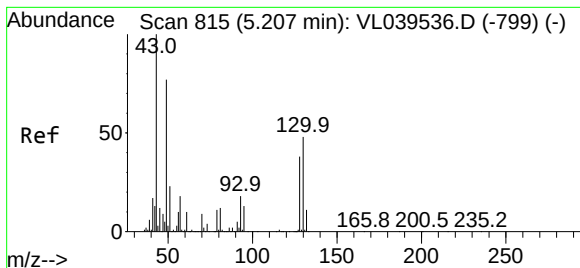
Instrument :
MSVOA_L
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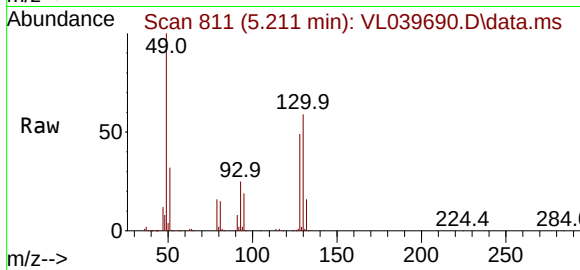
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 815
Delta R.T. 0.004 min
Lab File: VL039690.D
Acq: 4 Oct 2022 21:00

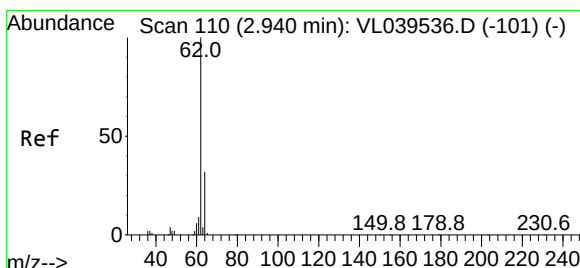
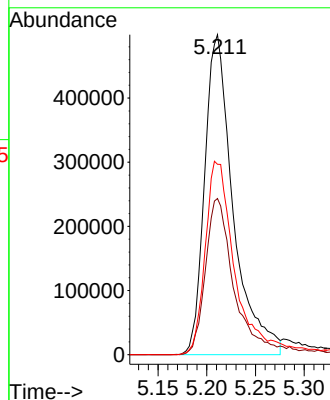
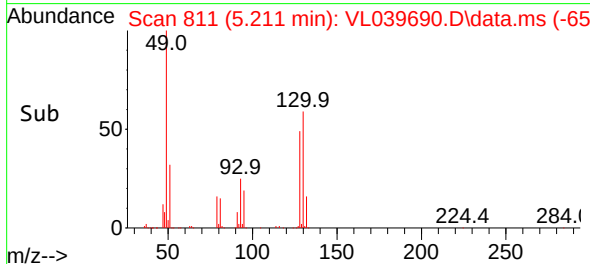
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 49 Resp: 101778
Ion Ratio Lower Upper
49 100
128 51.5 26.7 80.0
130 64.9 34.3 102.8

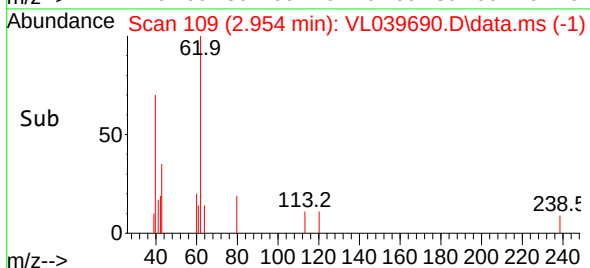
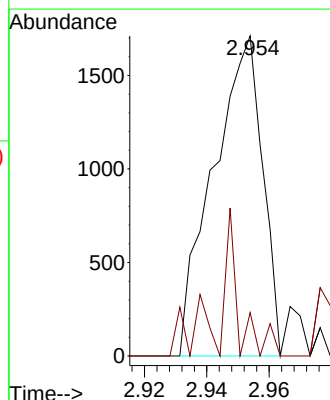
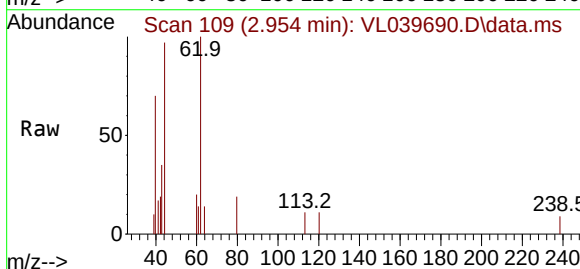
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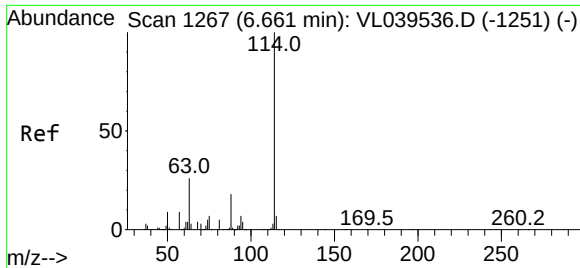
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#5
Vinyl Chloride
Concen: 0.031 ppbv
RT: 2.954 min Scan# 109
Delta R.T. 0.013 min
Lab File: VL039690.D
Acq: 4 Oct 2022 21:00

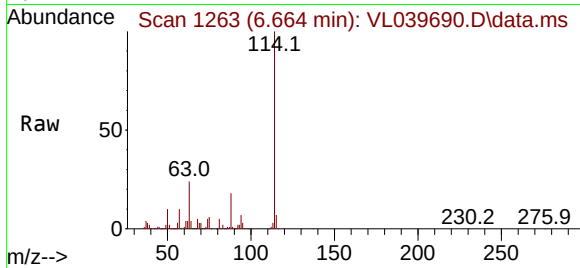
Tgt Ion: 62 Resp: 1875
Ion Ratio Lower Upper
62 100
64 13.6 24.6 36.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 114
Delta R.T. 0.004 min
Lab File: VL039690.D
Acq: 4 Oct 2022 21:00

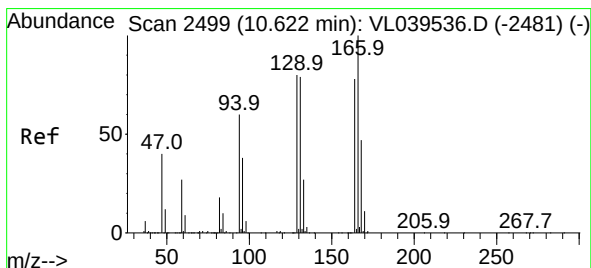
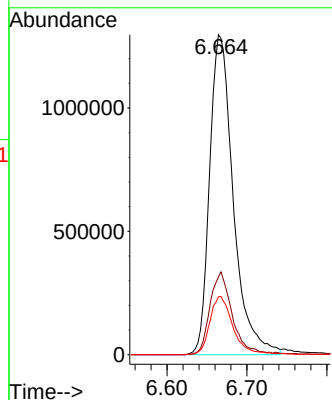
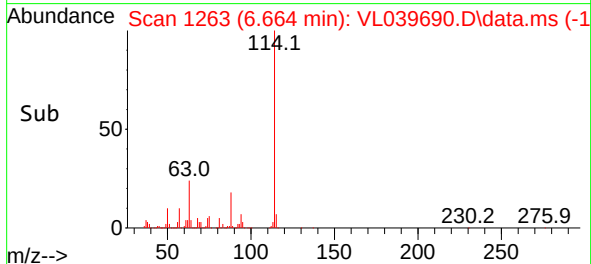
Instrument :
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ClientSampleId :
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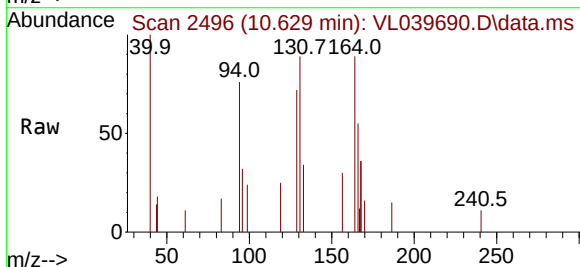
Tgt Ion:114 Resp: 266966
Ion Ratio Lower Upper
114 100
63 24.9 20.2 30.4
88 17.9 14.5 21.7

Manual Integrations
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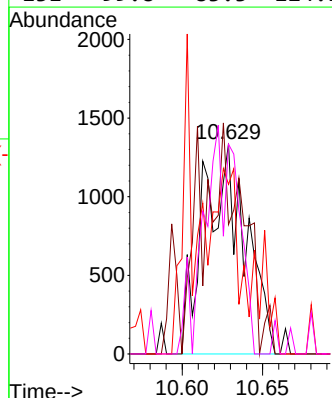
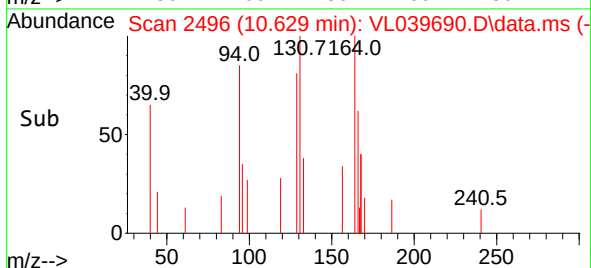
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

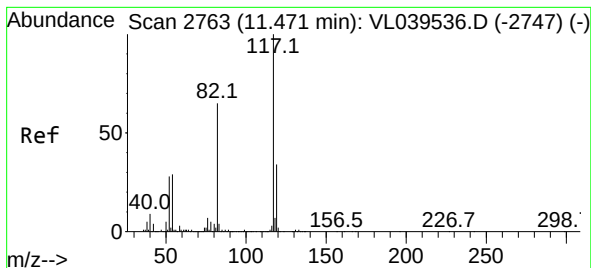


#52
Tetrachloroethene
Concen: 0.031 ppbv m
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL039690.D
Acq: 4 Oct 2022 21:00



Tgt Ion:164 Resp: 2404
Ion Ratio Lower Upper
164 100
166 61.6 102.2 153.2#
129 80.7 85.8 128.8#
131 99.8 83.3 124.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 21

Delta R.T. 0.004 min

Lab File: VL039690.D

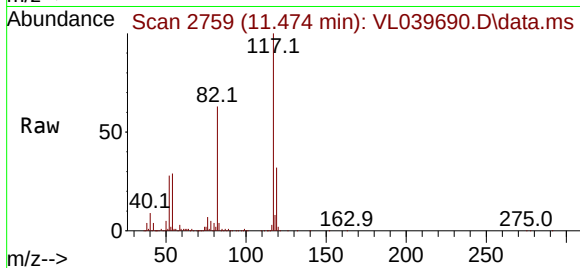
Acq: 4 Oct 2022 21:00

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2022



Tgt Ion: 117 Resp: 244590

Ion Ratio Lower Upper

117 100

82 63.4 50.8 76.2

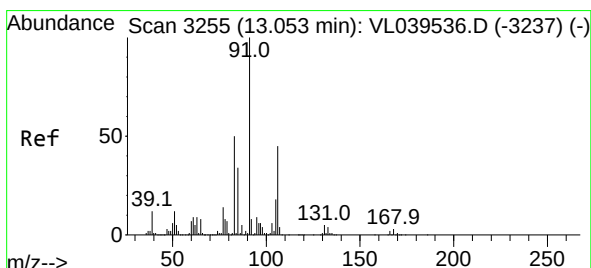
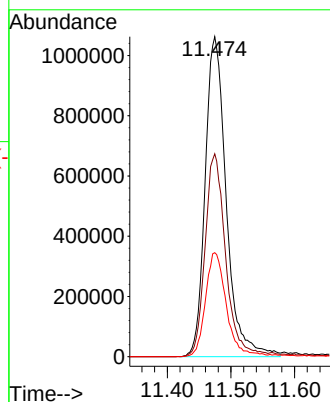
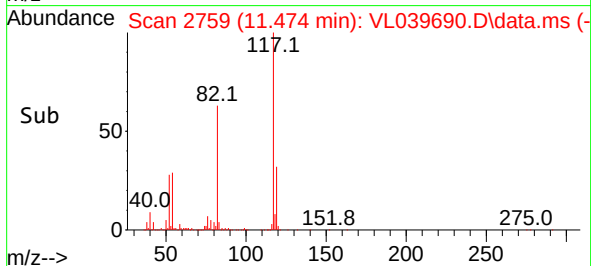
119 32.7 24.1 36.1

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#63

1,1,2,2-Tetrachloroethane

Concen: 0.033 ppbv m

RT: 13.060 min Scan# 3252

Delta R.T. 0.007 min

Lab File: VL039690.D

Acq: 4 Oct 2022 21:00

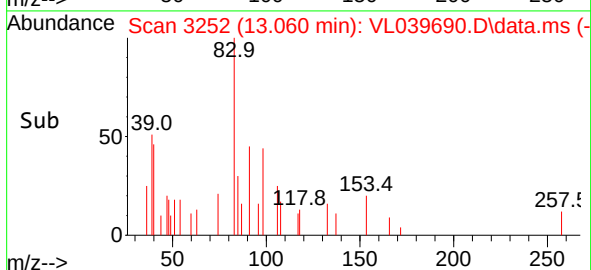
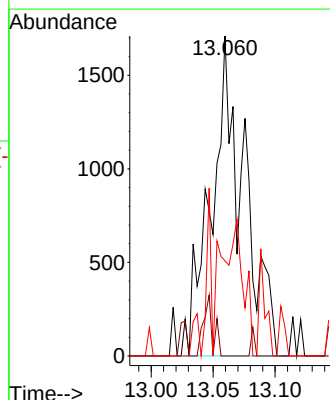
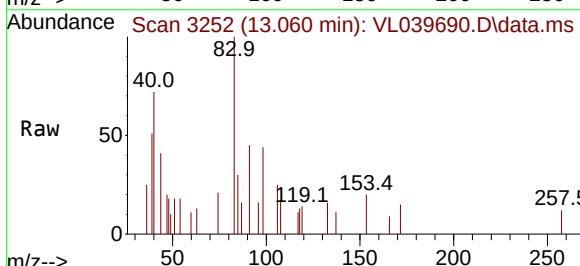
Tgt Ion: 83 Resp: 3152

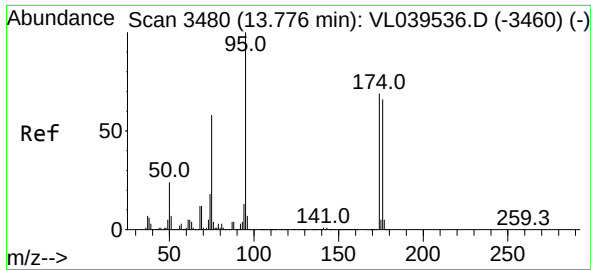
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 33.1 99.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.794 ppbv

RT: 13.783 min Scan# 34

Delta R.T. 0.007 min

Lab File: VL039690.D

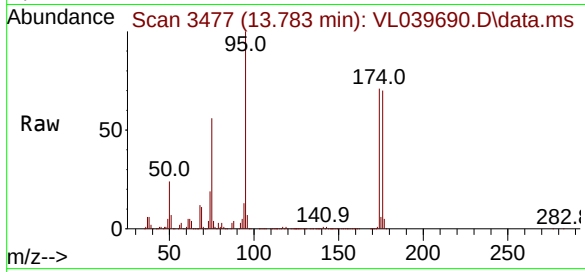
Acq: 4 Oct 2022 21:00

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2022



Tgt Ion: 95 Resp: 178826

Ion Ratio Lower Upper

95 100

174 73.2 55.9 83.9

175 5.6 4.2 6.4

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