

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039882.D
 Acq On : 11 Nov 2022 9:00
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 09:32:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	993228	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.658	114	2291613	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.465	117	1984353	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1588949	10.698	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.000%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.947	84	4817	0.111	ppbv #	82
35) Carbon Tetrachloride	6.500	117	4981	0.037	ppbv #	82
38) Trichloroethene	7.291	130	7247m	0.070	ppbv	

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

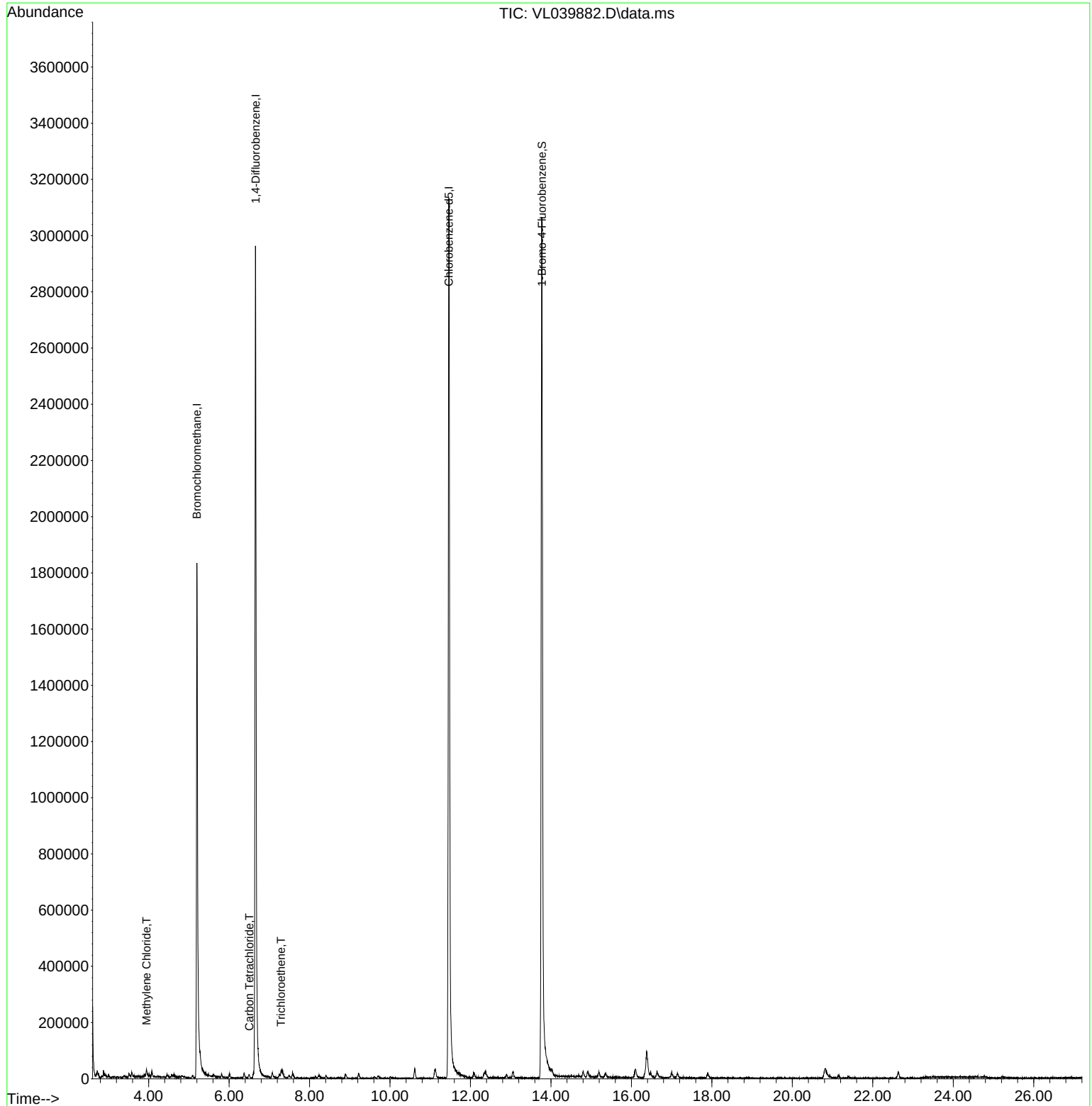
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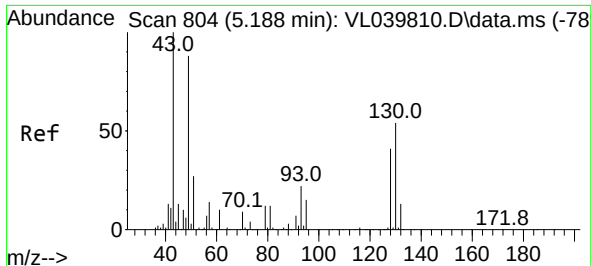
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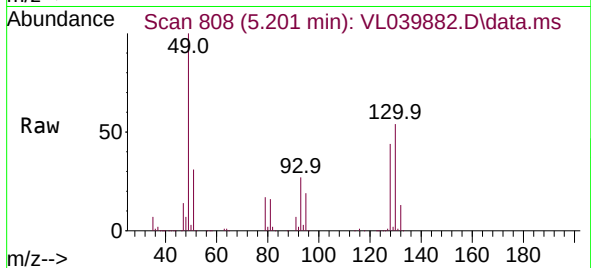
Quant Time: Nov 11 09:32:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 804
Delta R.T. 0.013 min
Lab File: VL039882.D
Acq: 11 Nov 2022 9:00

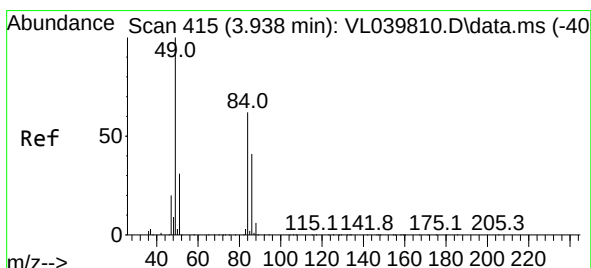
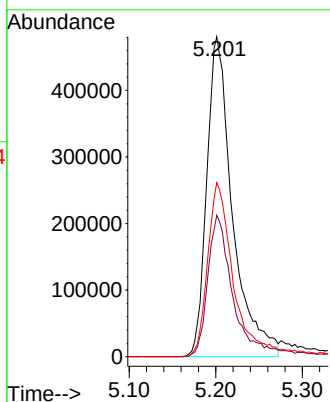
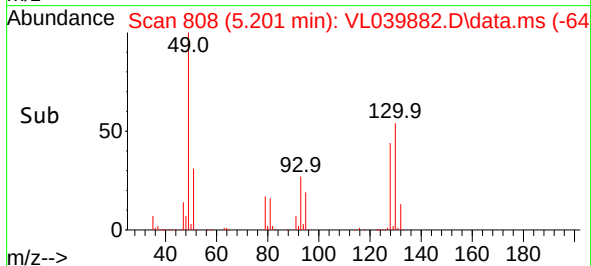
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion: 49 Resp: 993228
Ion Ratio Lower Upper
49 100
128 45.6 24.6 73.6
130 56.8 31.1 93.2

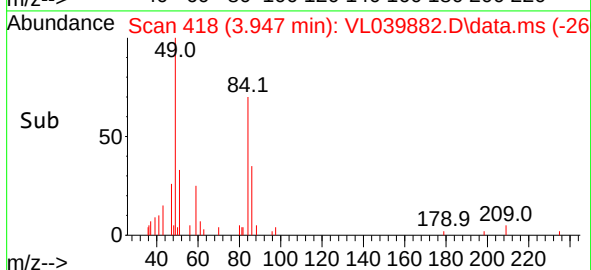
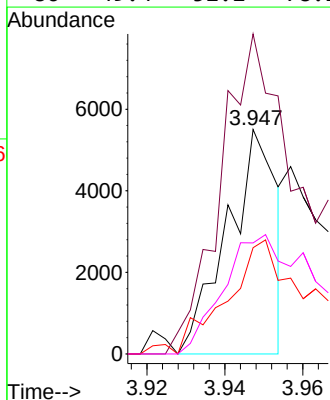
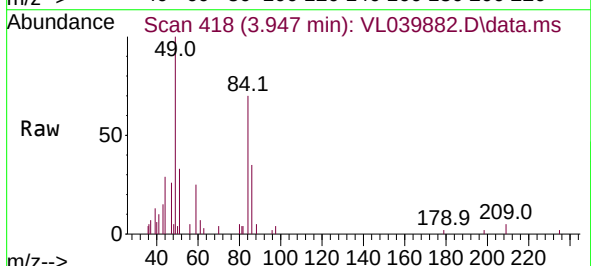
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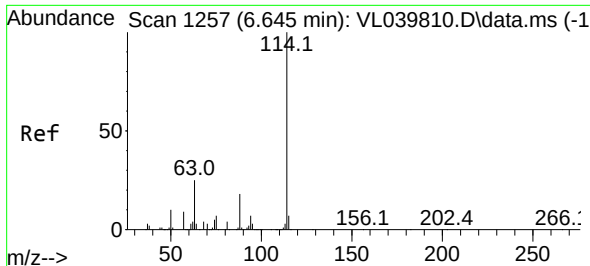
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#20
Methylene Chloride
Concen: 0.111 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.010 min
Lab File: VL039882.D
Acq: 11 Nov 2022 9:00

Tgt Ion: 84 Resp: 4817
Ion Ratio Lower Upper
84 100
49 132.9 128.6 192.8
51 47.3 40.2 60.4
86 49.4 52.2 78.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1212

Delta R.T. 0.013 min

Lab File: VL039882.D

Acq: 11 Nov 2022 9:00

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion:114 Resp: 2291613

Ion Ratio Lower Upper

114 100

63 28.7 19.8 29.6

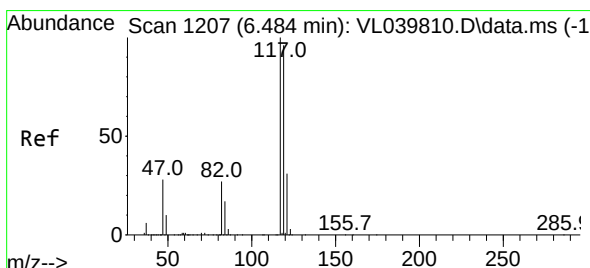
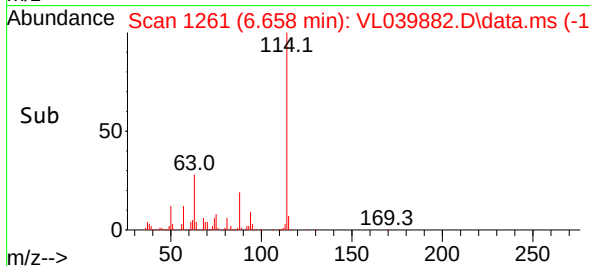
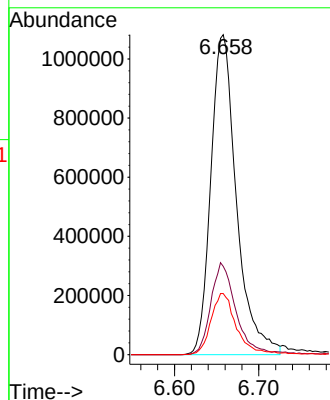
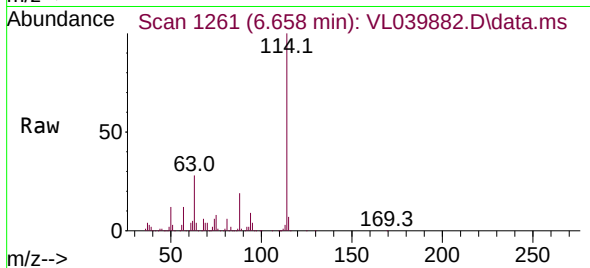
88 19.3 14.4 21.6

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#35

Carbon Tetrachloride

Concen: 0.037 ppbv

RT: 6.500 min Scan# 1212

Delta R.T. 0.016 min

Lab File: VL039882.D

Acq: 11 Nov 2022 9:00

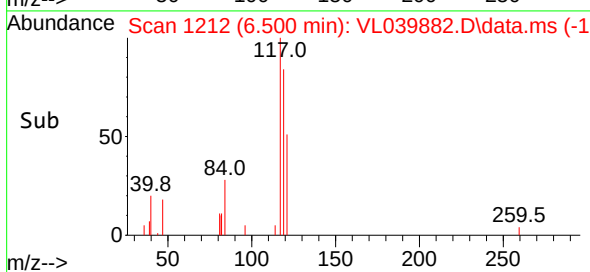
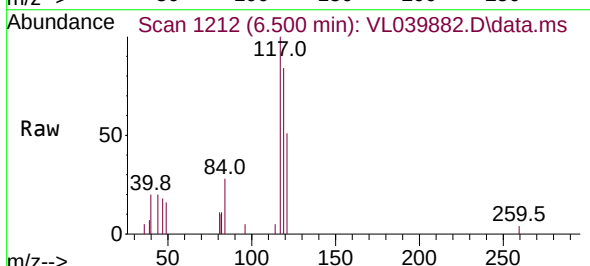
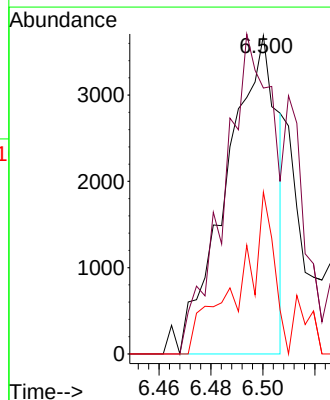
Tgt Ion:117 Resp: 4981

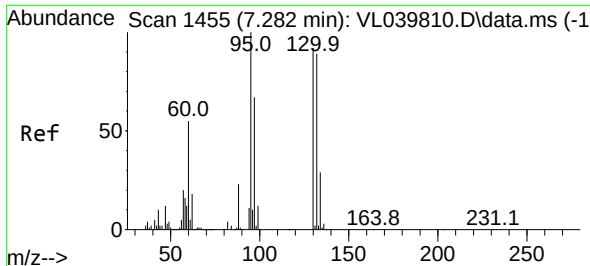
Ion Ratio Lower Upper

117 100

119 83.6 76.5 114.7

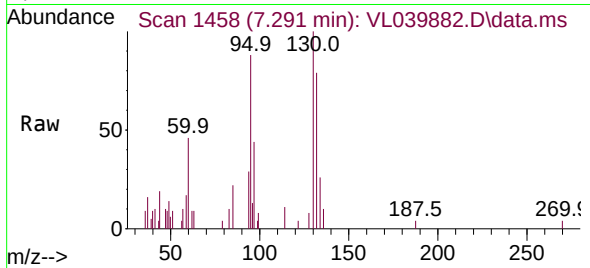
121 50.9 25.2 37.8#





#38
Trichloroethene
Concen: 0.070 ppbv m
RT: 7.291 min Scan# 1455
Delta R.T. 0.010 min
Lab File: VL039882.D
Acq: 11 Nov 2022 9:00

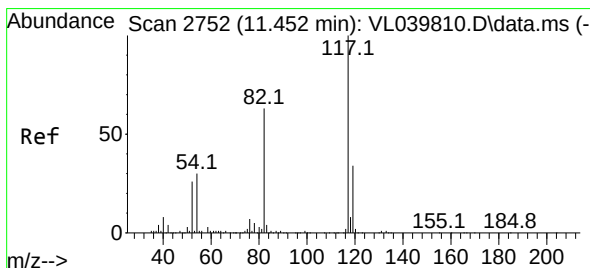
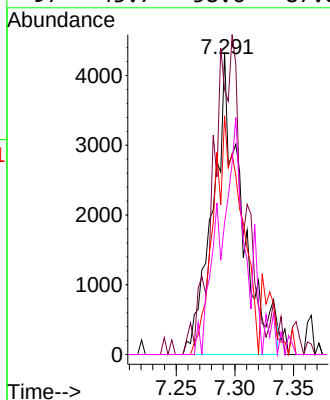
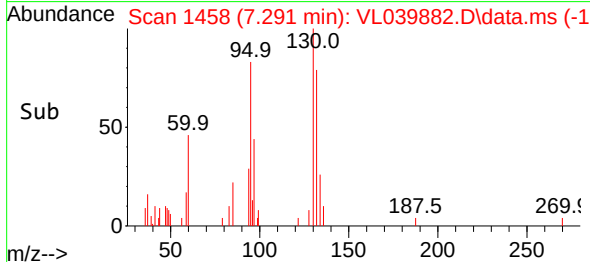
Instrument :
MSVOA_L
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VIBLK



Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.7	87.4	131.2
132	79.1	77.7	116.5
97	43.7	58.6	87.8#

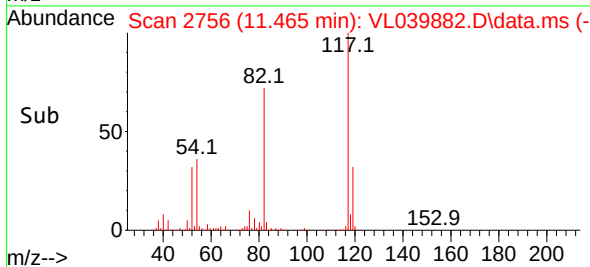
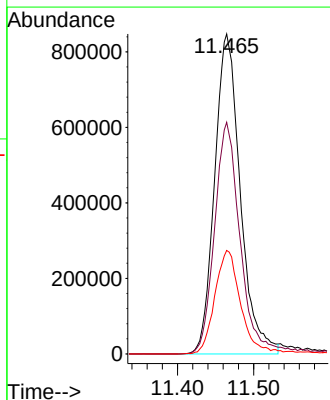
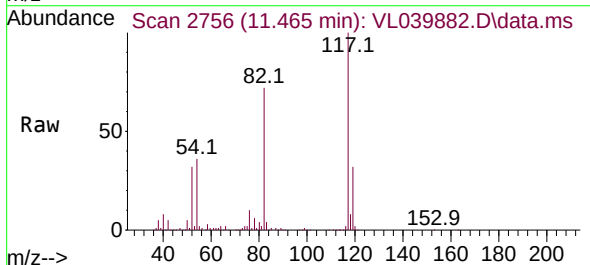
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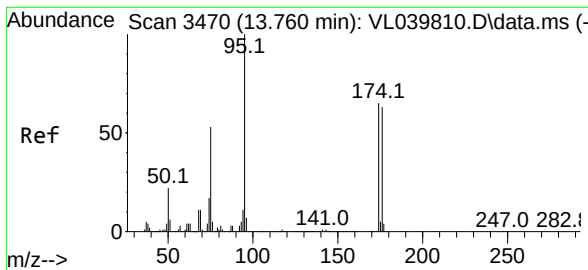
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.013 min
Lab File: VL039882.D
Acq: 11 Nov 2022 9:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	74.2	51.0	76.6
119	33.7	24.7	37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.698 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.013 min
 Lab File: VL039882.D
 Acq: 11 Nov 2022 9:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 1588949
 Ion Ratio Lower Upper
 95 100
 174 62.8 53.4 80.0
 175 4.3 4.1 6.1

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