

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039688.D
 Acq On : 4 Oct 2022 19:43
 Operator : SY/AP
 Sample : N4885-01DL2 80X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1DL2

Manual Integrations
 APPROVED

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

Quant Time: Oct 05 04:42:07 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

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

Internal Standards						
1) Bromochloromethane	5.211	49	1022319	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2683450	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2380180	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1757053	9.889	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
20) Methylene Chloride	3.954	84	14321m	0.272	ppbv	Qvalue

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

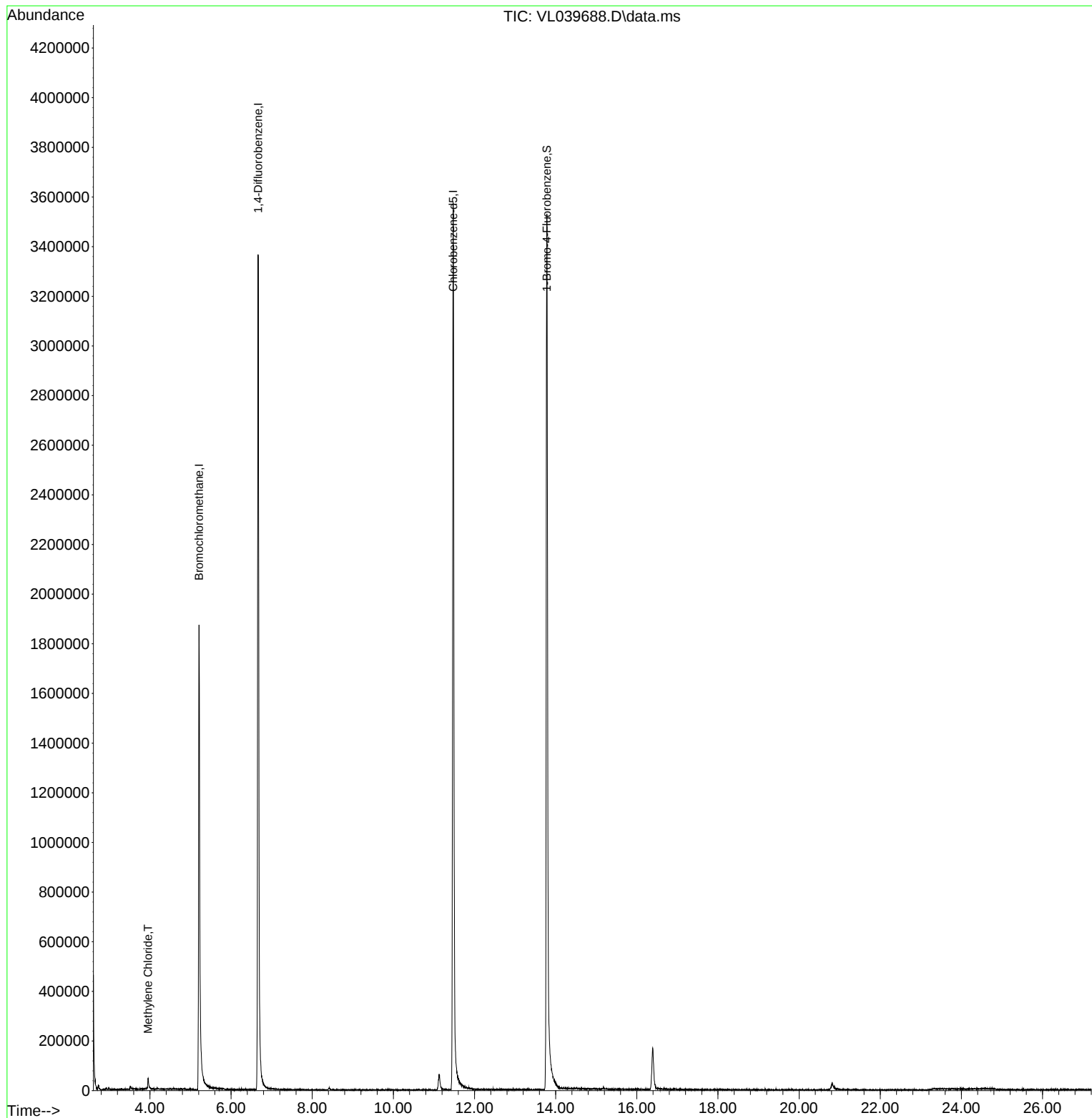
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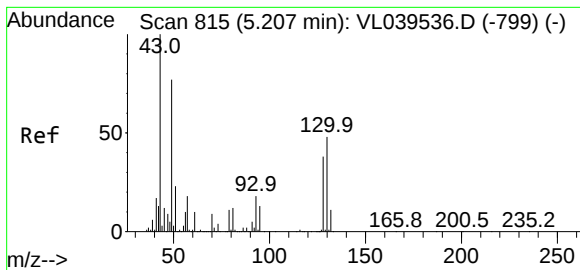
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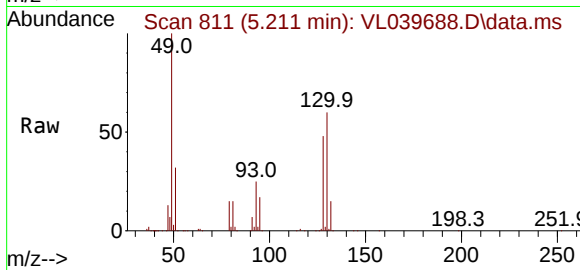
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
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QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration





#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.211 min Scan# 815
 Delta R.T. 0.004 min
 Lab File: VL039688.D
 Acq: 4 Oct 2022 19:43

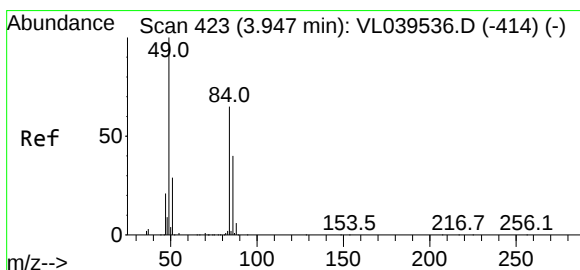
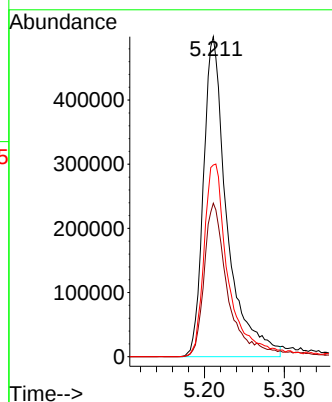
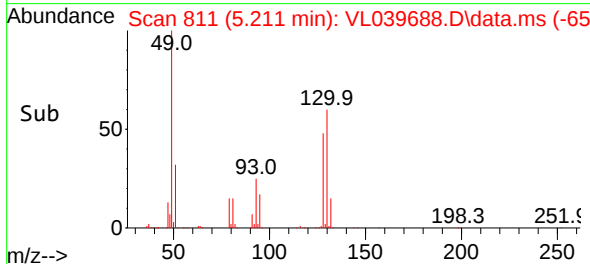
Instrument :
 MSVOA_L
 ClientSampleId :
 1DL2



Tgt Ion: 49 Resp: 1022319
 Ion Ratio Lower Upper
 49 100
 128 49.8 26.7 80.0
 130 63.0 34.3 102.8

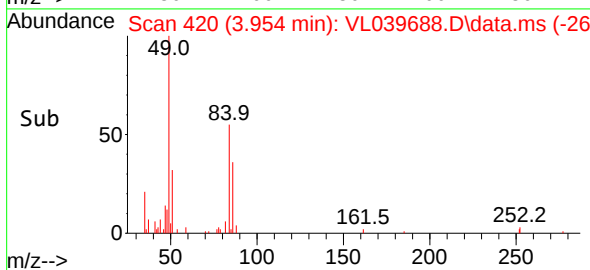
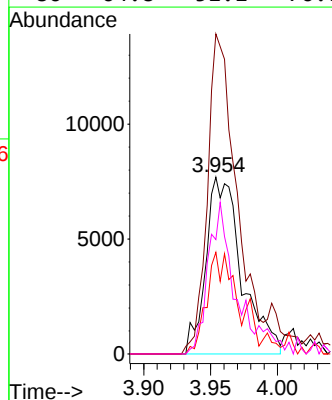
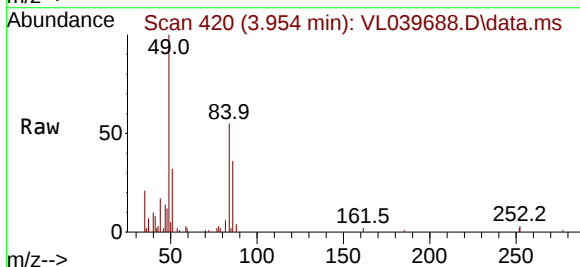
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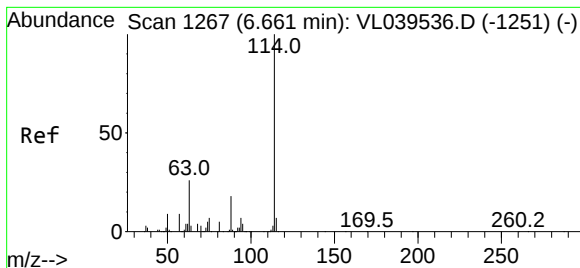
Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#20
 Methylene Chloride
 Concen: 0.272 ppbv m
 RT: 3.954 min Scan# 420
 Delta R.T. 0.007 min
 Lab File: VL039688.D
 Acq: 4 Oct 2022 19:43

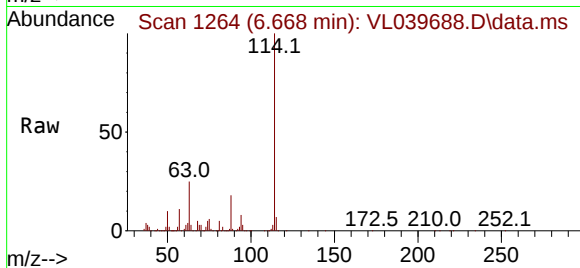
Tgt Ion: 84 Resp: 14321
 Ion Ratio Lower Upper
 84 100
 49 181.1 123.1 184.7
 51 57.5 34.4 51.6#
 86 64.8 51.1 76.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039688.D
Acq: 4 Oct 2022 19:43

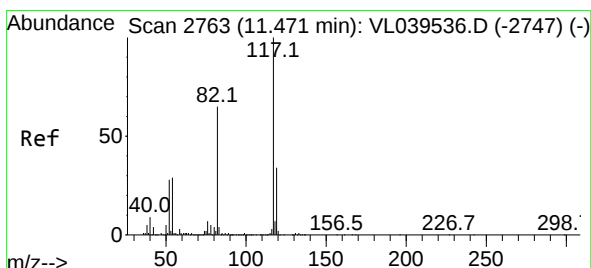
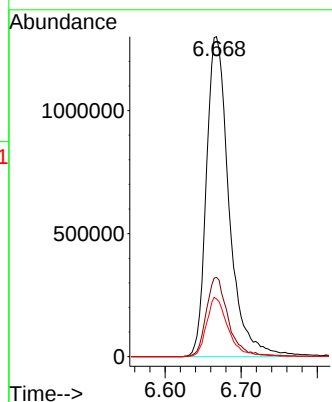
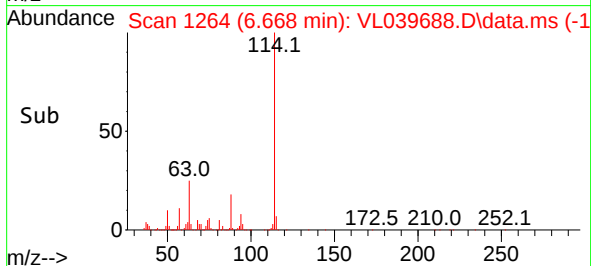
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1DL2



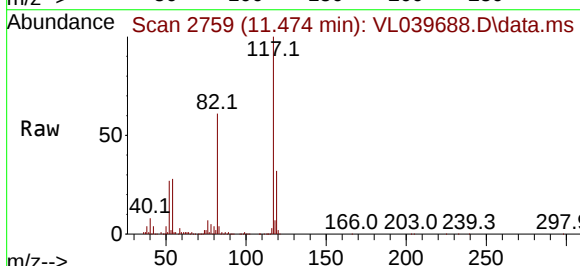
Tgt Ion:114 Resp: 2683450
Ion Ratio Lower Upper
114 100
63 24.5 20.2 30.4
88 18.0 14.5 21.7

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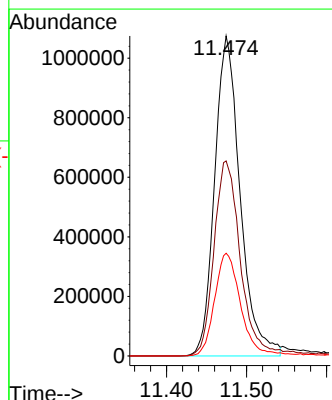
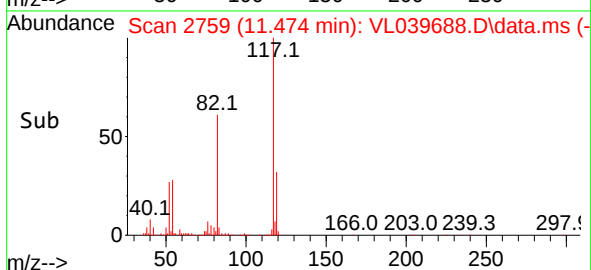
Reviewed By :Krupa Patel 10/07/2022
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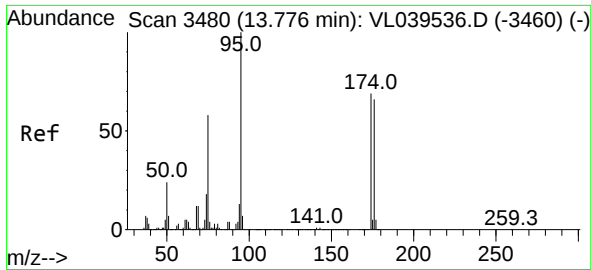


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. 0.004 min
Lab File: VL039688.D
Acq: 4 Oct 2022 19:43



Tgt Ion:117 Resp: 2380180
Ion Ratio Lower Upper
117 100
82 65.4 50.8 76.2
119 33.5 24.1 36.1





#68

1-Bromo-4-Fluorobenzene

Concen: 9.889 ppbv

RT: 13.783 min Scan# 34

Delta R.T. 0.007 min

Lab File: VL039688.D

Acq: 4 Oct 2022 19:43

Instrument :

MSVOA_L

ClientSampleId :

1DL2

Tgt Ion: 95 Resp: 175705

Ion Ratio Lower Upper

95 100

174 73.9 55.9 83.9

175 5.4 4.2 6.4

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