

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039673.D
 Acq On : 22 Sep 2022 19:36
 Operator : SY/AP
 Sample : N4669-13DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG5DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 23 06:36:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.221	49	881441	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.681	114	2372639	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.491	117	2169098	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1624665	10.034	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.300%	
Target Compounds						
						Qvalue
20) Methylene Chloride	3.967	84	44824	0.988	ppbv	89
52) Tetrachloroethene	10.645	164	127041m	1.836	ppbv	

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

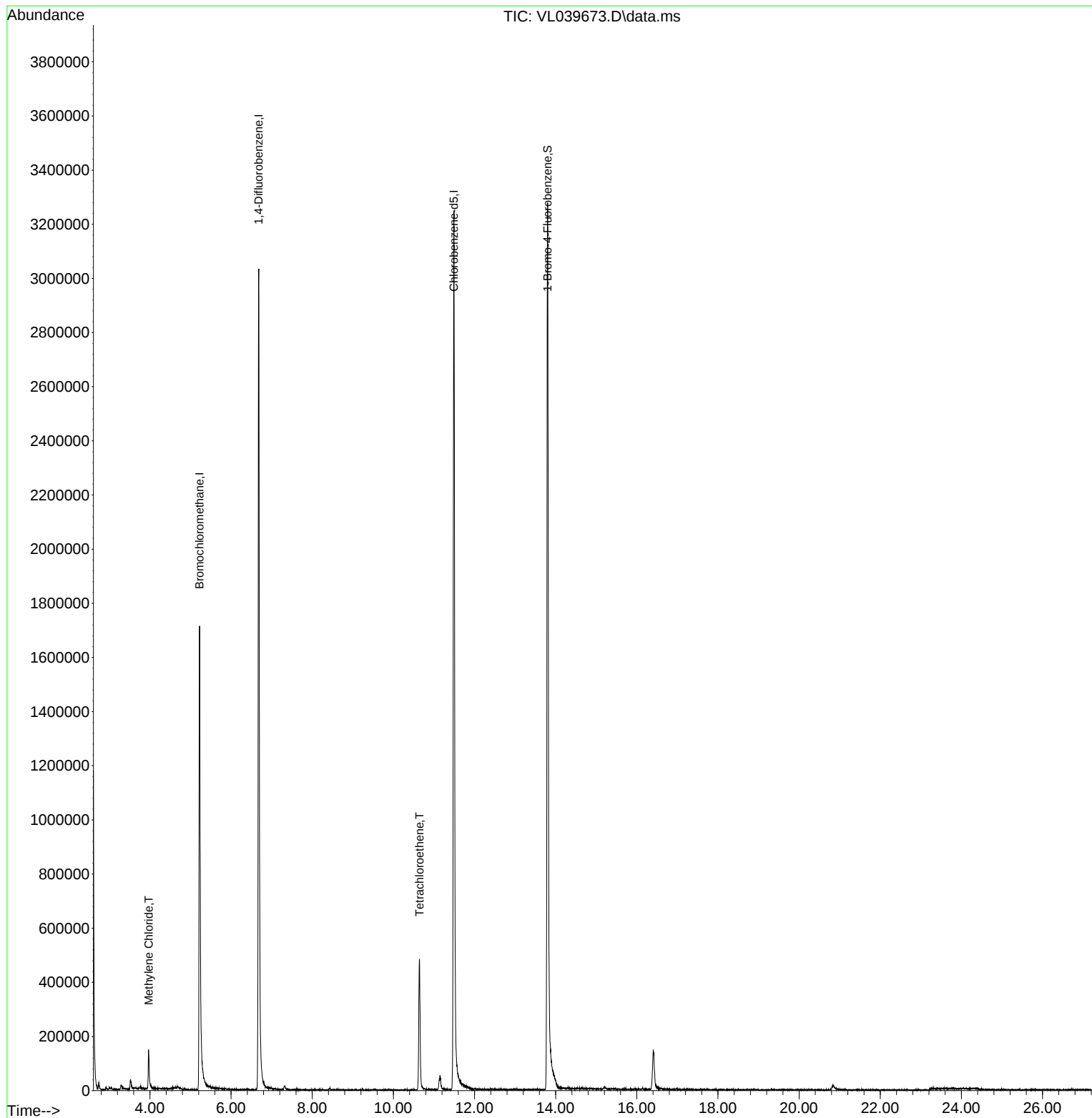
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
Data File : VL039673.D
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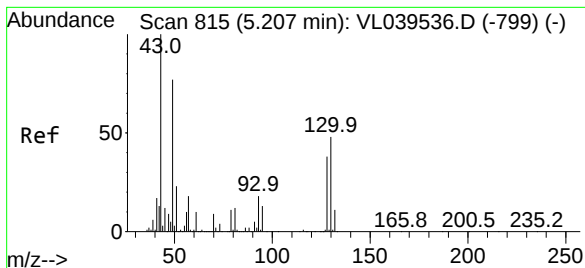
Instrument :
MSVOA_L
ClientSampleId :
C0PG5DL2

Quant Time: Sep 23 06:36:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

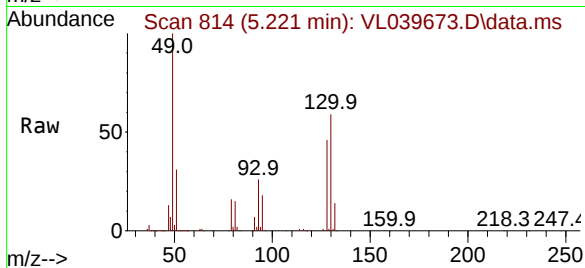
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.221 min Scan# 815
Delta R.T. 0.014 min
Lab File: VL039673.D
Acq: 22 Sep 2022 19:36

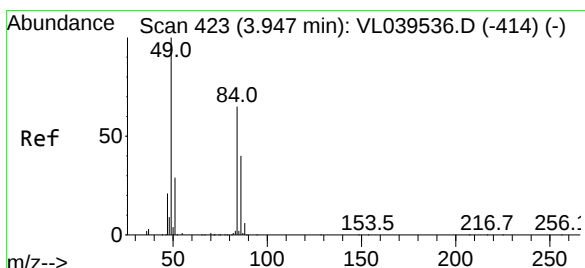
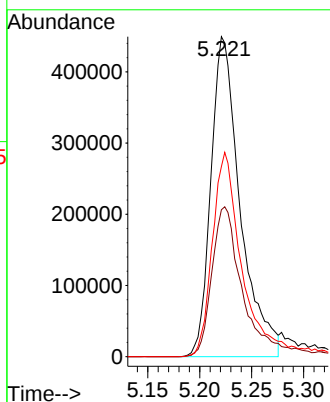
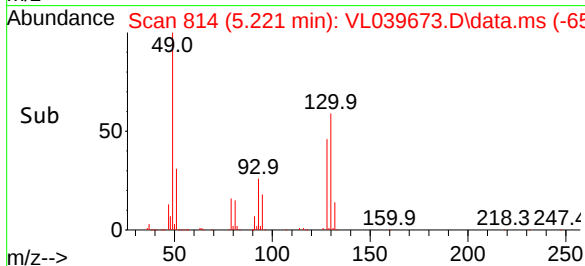
Instrument :
MSVOA_L
ClientSampleId :
C0PG5DL2



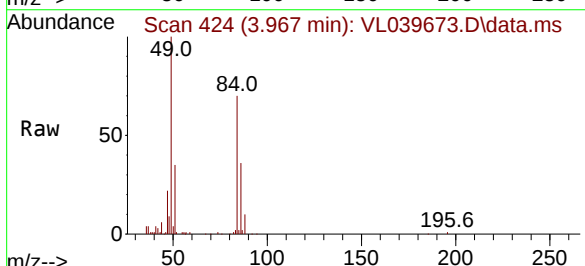
Tgt Ion: 49 Resp: 88144
Ion Ratio Lower Upper
49 100
128 52.3 26.7 80.0
130 68.2 34.3 102.8

Manual Integrations
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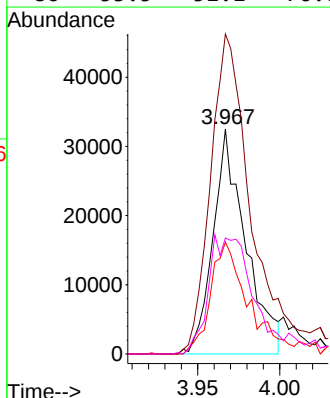
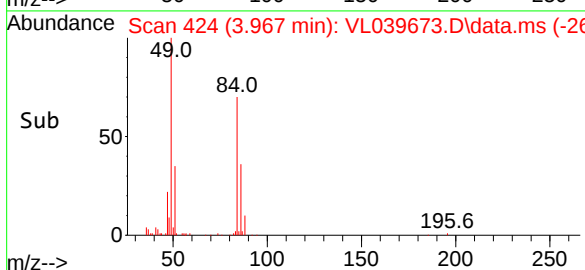
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Supervised By :Mahesh Dadoda 09/28/2022

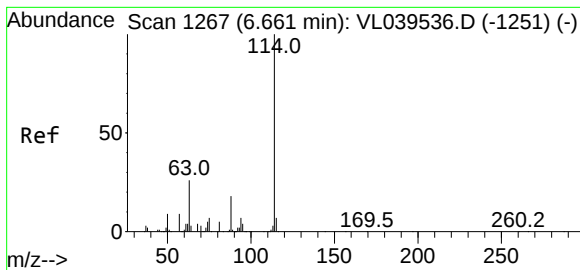


#20
Methylene Chloride
Concen: 0.988 ppbv
RT: 3.967 min Scan# 424
Delta R.T. 0.020 min
Lab File: VL039673.D
Acq: 22 Sep 2022 19:36



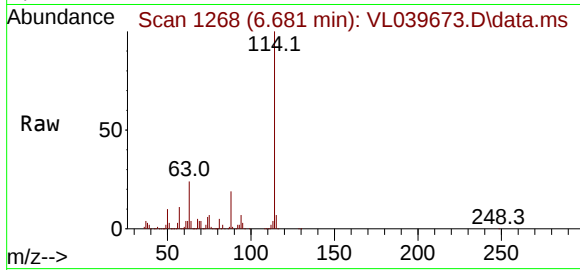
Tgt Ion: 84 Resp: 44824
Ion Ratio Lower Upper
84 100
49 142.3 123.1 184.7
51 51.3 34.4 51.6
86 53.5 51.1 76.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.681 min Scan# 114
Delta R.T. 0.020 min
Lab File: VL039673.D
Acq: 22 Sep 2022 19:36

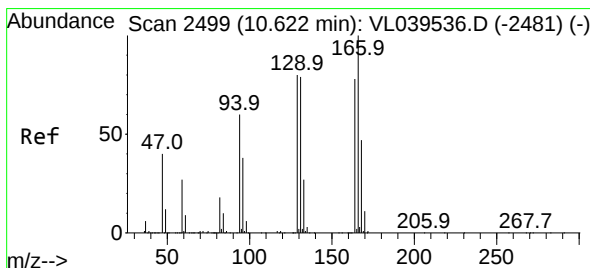
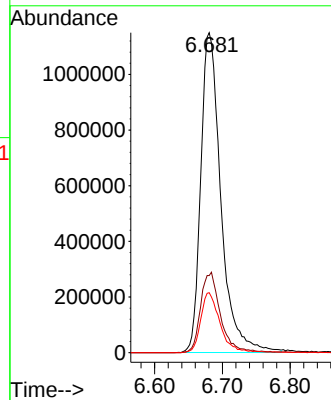
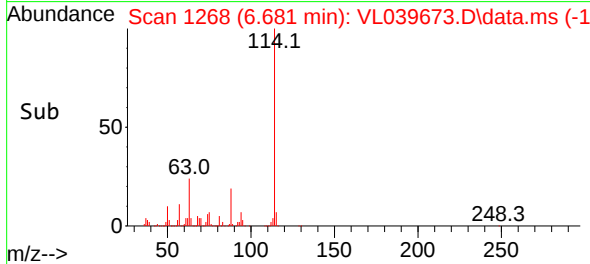
Instrument :
MSVOA_L
ClientSampleId :
C0PG5DL2



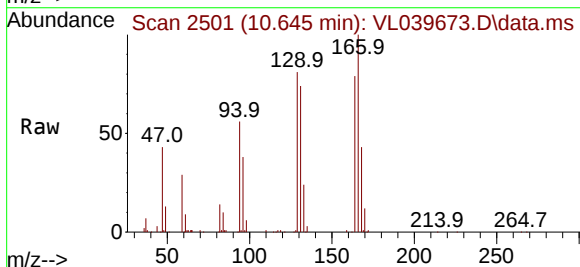
Tgt Ion:114 Resp: 2372639
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.4
88 18.2 14.5 21.7

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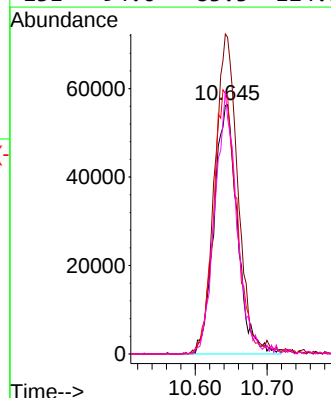
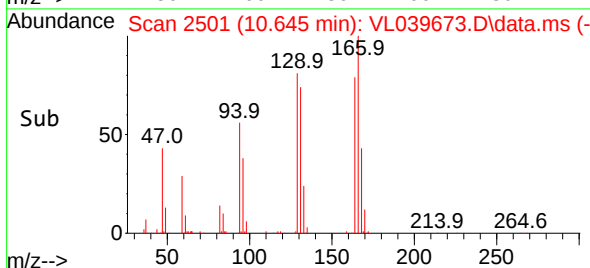
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Supervised By :Mahesh Dadoda 09/28/2022

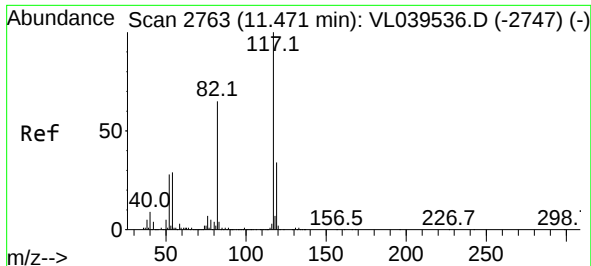


#52
Tetrachloroethene
Concen: 1.836 ppbv m
RT: 10.645 min Scan# 2501
Delta R.T. 0.023 min
Lab File: VL039673.D
Acq: 22 Sep 2022 19:36



Tgt Ion:164 Resp: 127041
Ion Ratio Lower Upper
164 100
166 127.1 102.2 153.2
129 103.5 85.8 128.8
131 94.6 83.3 124.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.491 min Scan# 2169098

Delta R.T. 0.020 min

Lab File: VL039673.D

Acq: 22 Sep 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

C0PG5DL2

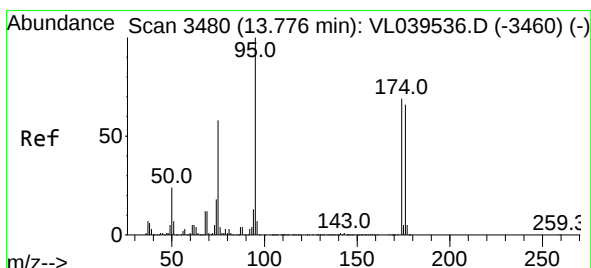
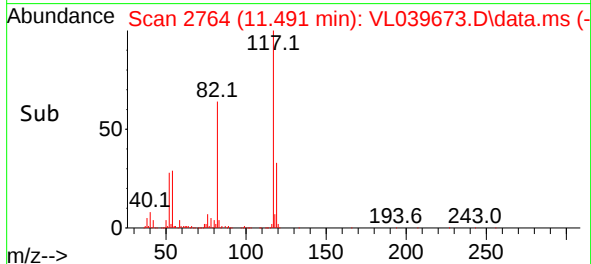
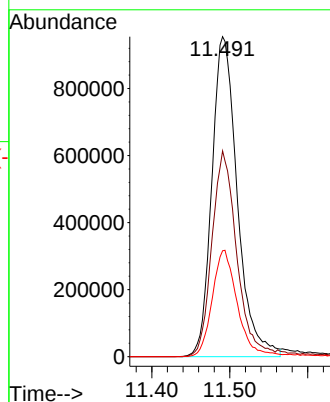
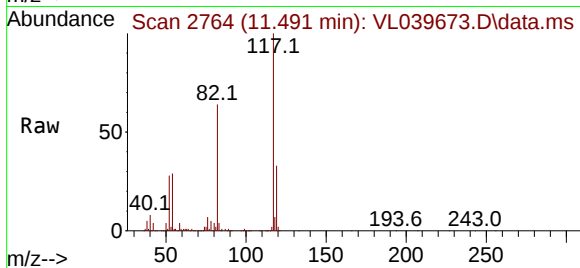
Tgt Ion: 117 Resp: 2169098

Ion	Ratio	Lower	Upper
117	100		
82	64.5	50.8	76.2
119	33.9	24.1	36.1

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.034 ppbv

RT: 13.802 min Scan# 3483

Delta R.T. 0.026 min

Lab File: VL039673.D

Acq: 22 Sep 2022 19:36

Tgt Ion: 95 Resp: 1624665

Ion	Ratio	Lower	Upper
95	100		
174	72.3	55.9	83.9
175	5.2	4.2	6.4

