

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040284.D
 Acq On : 15 Mar 2023 14:44
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

Quant Time: Mar 15 15:16:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Mar 15 14:08:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1087369	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2704592	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2406225	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1999537	10.106	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
						Qvalue
5) Vinyl Chloride	2.925	62	2251m	0.034	ppbv	
35) Carbon Tetrachloride	6.494	117	4831m	0.030	ppbv	

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

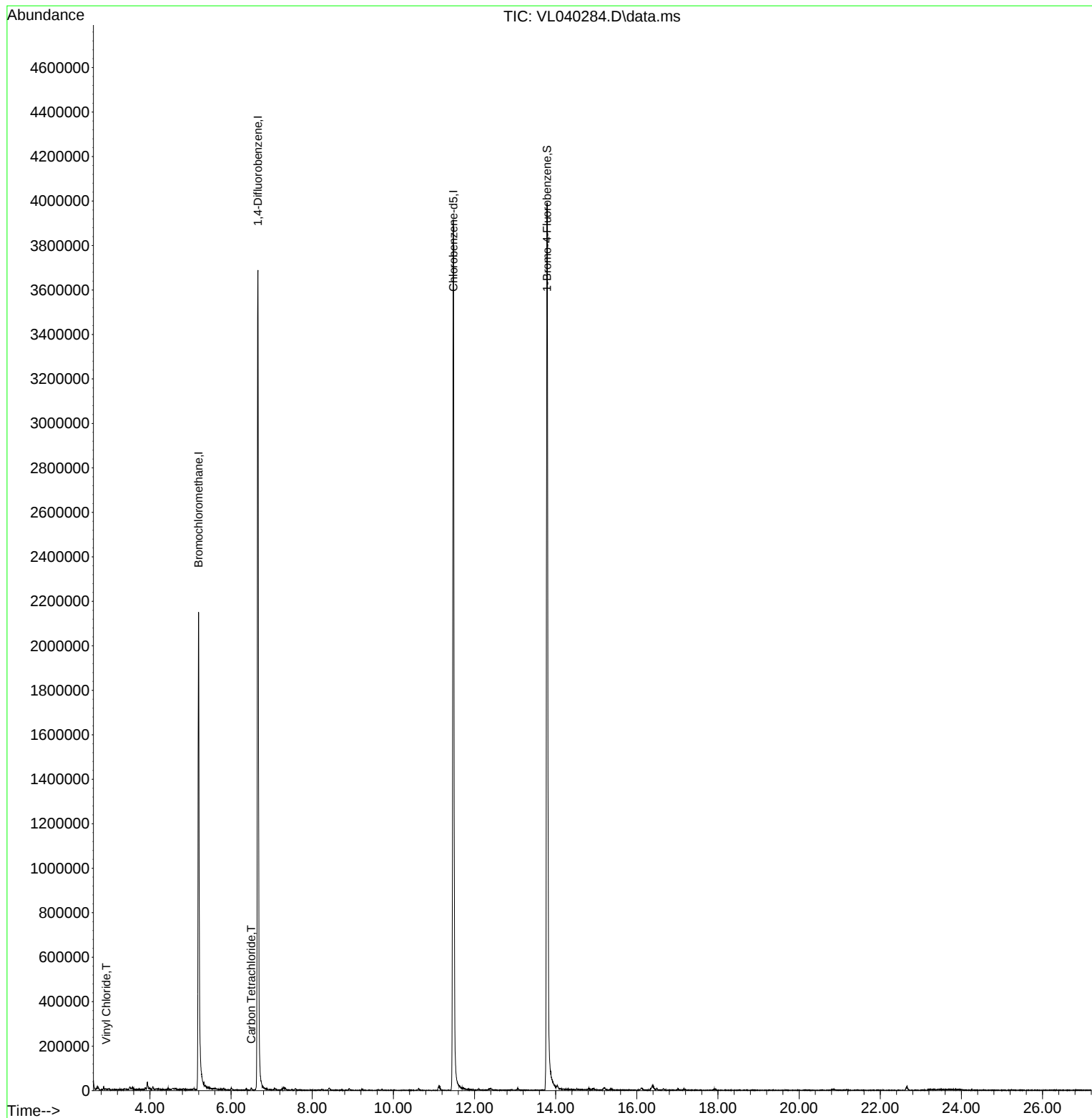
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
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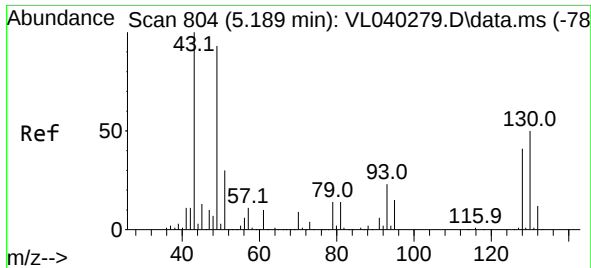
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Mar 15 15:16:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Mar 15 14:08:38 2023
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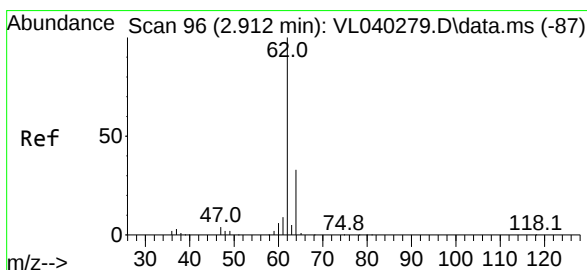
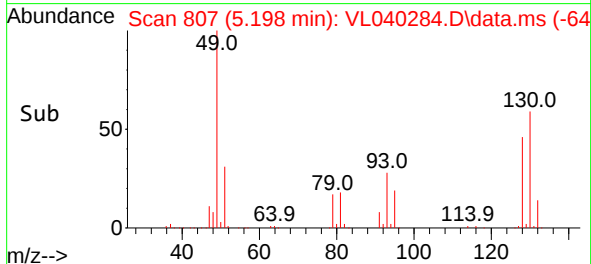
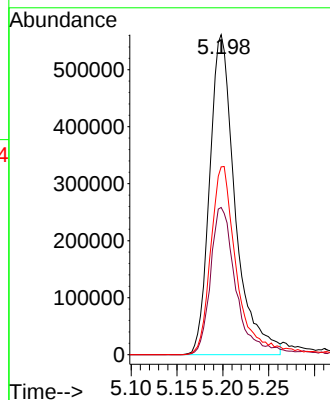
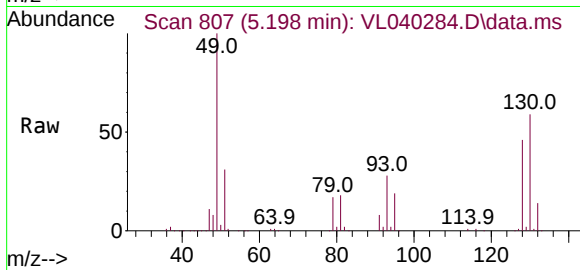
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 804
Delta R.T. 0.009 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 49 Resp: 1087369
Ion Ratio Lower Upper
49 100
128 47.4 24.1 72.3
130 61.0 30.9 92.8

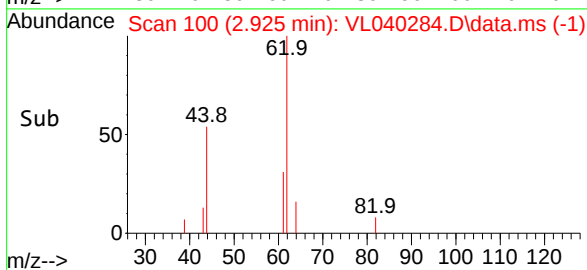
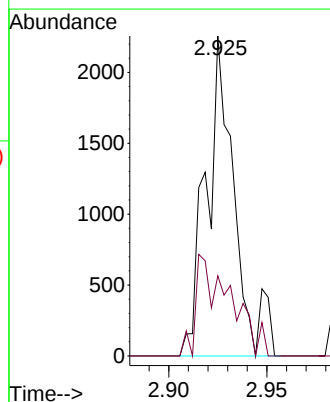
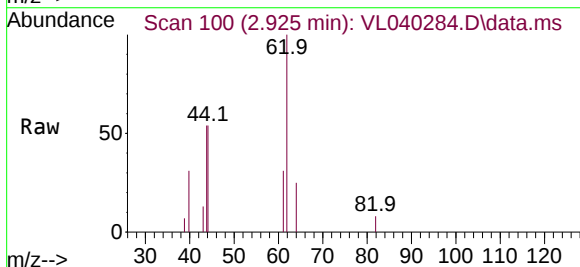
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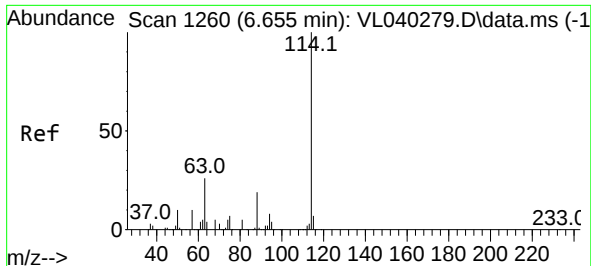
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#5
Vinyl Chloride
Concen: 0.034 ppbv m
RT: 2.925 min Scan# 100
Delta R.T. 0.019 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 62 Resp: 2251
Ion Ratio Lower Upper
62 100
64 25.0 25.6 38.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

Tgt Ion:114 Resp: 270459

Ion Ratio Lower Upper

114 100

63 26.5 20.4 30.6

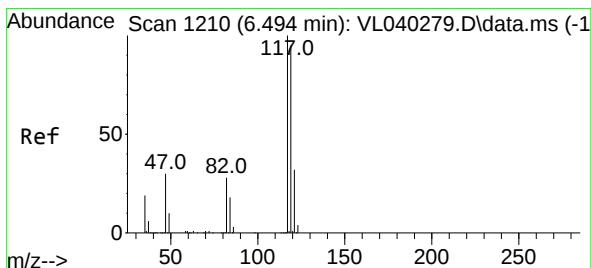
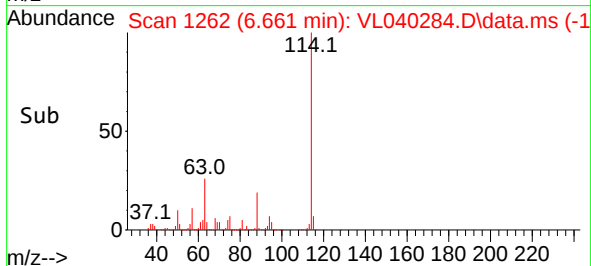
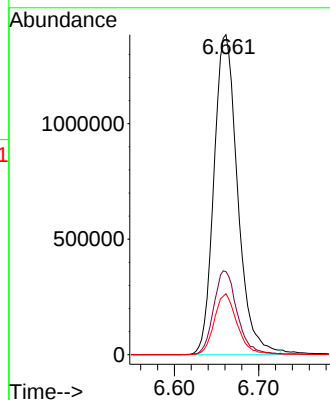
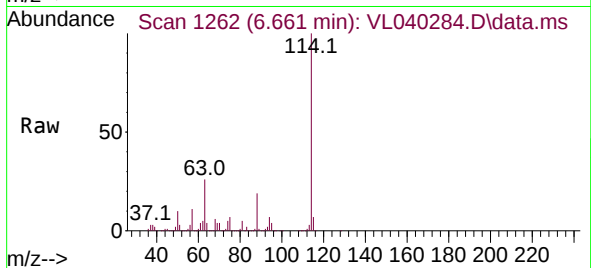
88 18.5 14.3 21.5

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#35

Carbon Tetrachloride

Concen: 0.030 ppbv m

RT: 6.494 min Scan# 1210

Delta R.T. 0.003 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

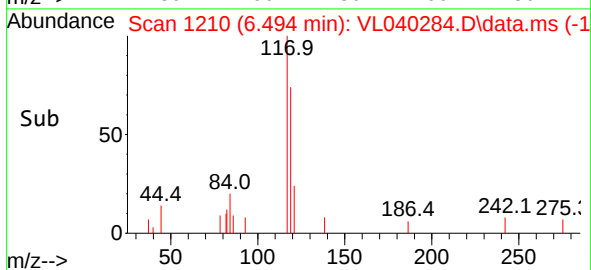
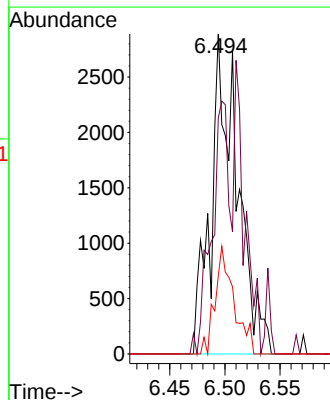
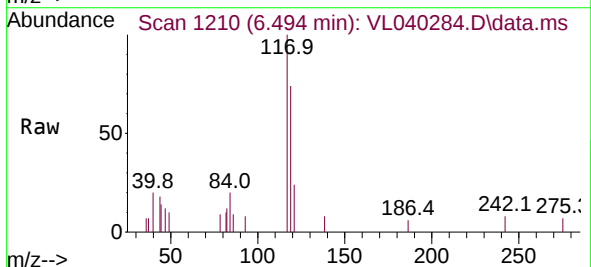
Tgt Ion:117 Resp: 4831

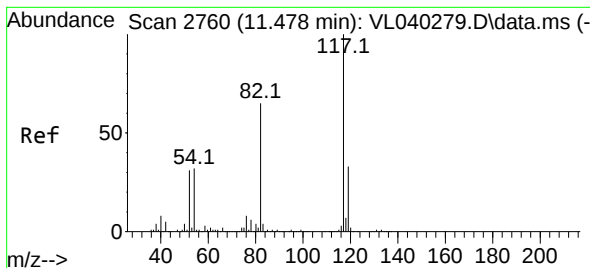
Ion Ratio Lower Upper

117 100

119 73.8 75.0 112.6#

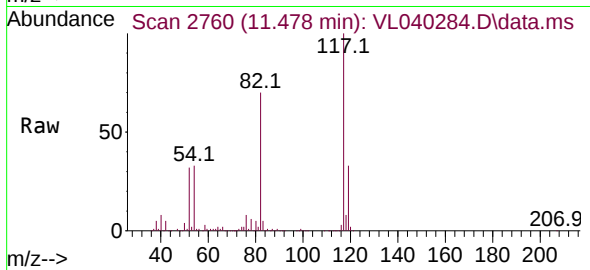
121 24.3 25.0 37.4#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

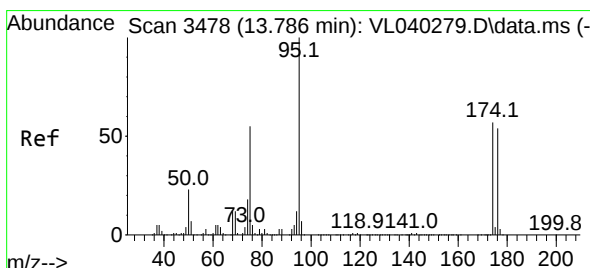
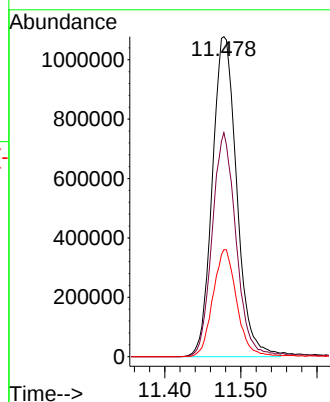
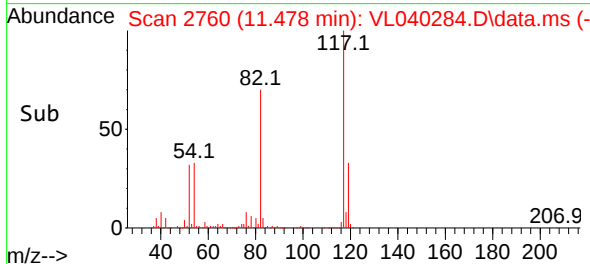
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 2406225
Ion Ratio Lower Upper
117 100
82 69.1 53.3 79.9
119 32.8 24.6 37.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.106 ppbv
RT: 13.789 min Scan# 3479
Delta R.T. 0.006 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 95 Resp: 1999537
Ion Ratio Lower Upper
95 100
174 59.0 48.2 72.2
175 4.2 3.4 5.2

