

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
 Data File : VL041086.D
 Acq On : 11 Mar 2024 13:37
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 05:51:33 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Mar 12 05:47:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1407864	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3645410	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	3183531	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2493007	10.016	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.922	62	6299	0.079	ppbv #	64
32) 1,1,1-Trichloroethane	6.008	97	15845m	0.079	ppbv	
35) Carbon Tetrachloride	6.500	117	15853m	0.075	ppbv	
38) Trichloroethene	7.298	130	8438m	0.083	ppbv	
52) Tetrachloroethene	10.642	164	5808m	0.069	ppbv	
54) 1,2-Dibromoethane	10.024	107	11112m	0.075	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.063	83	19839m	0.084	ppbv	
79) Naphthalene	21.432	128	7444m	0.037	ppbv	

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

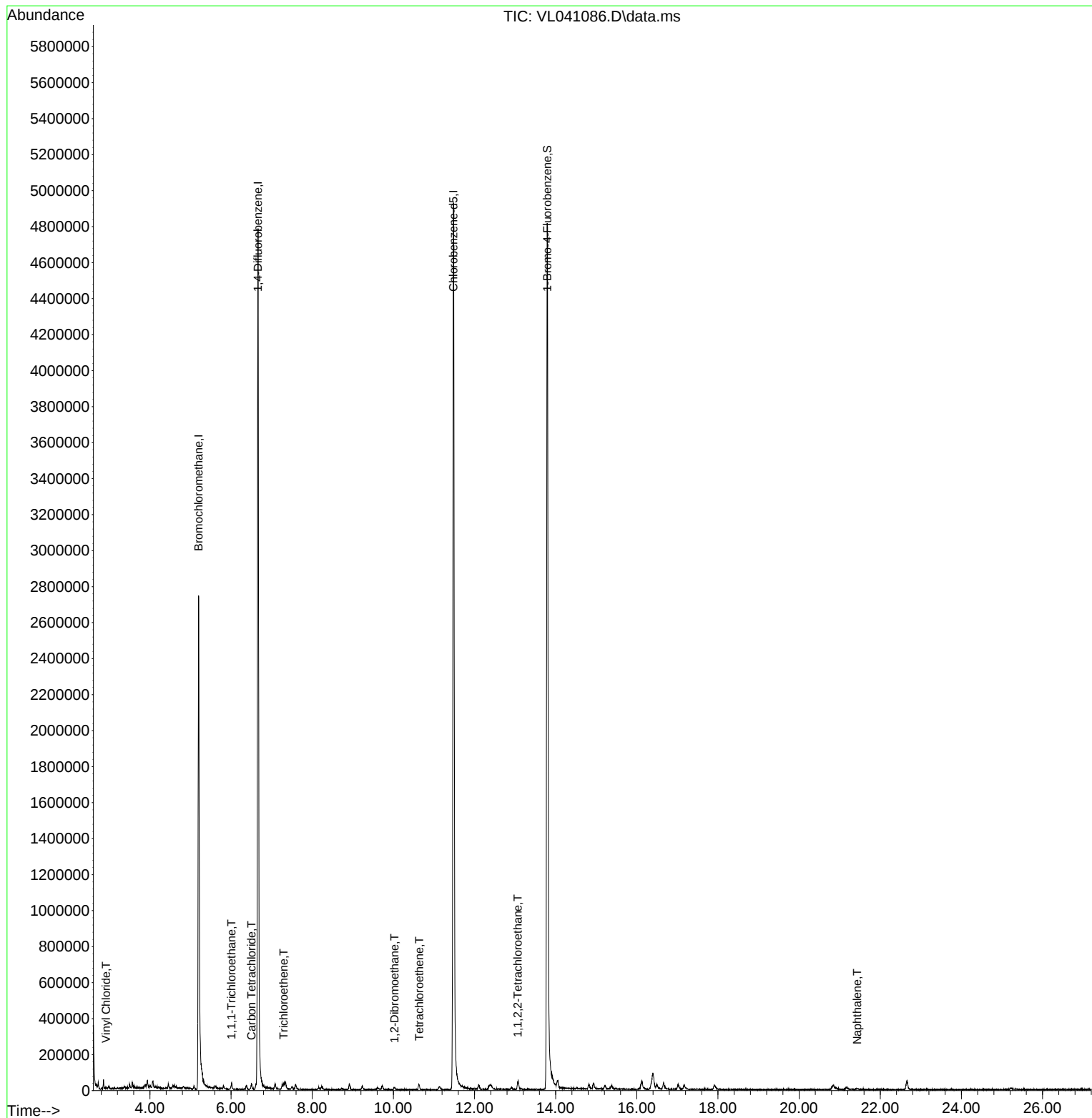
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
Data File : VL041086.D
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Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

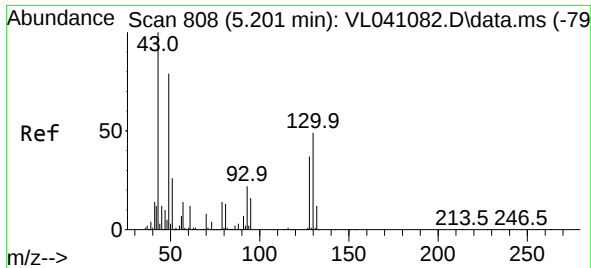
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Mar 12 05:47:21 2024
Response via : Initial Calibration





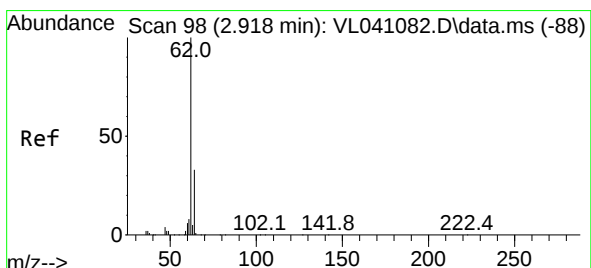
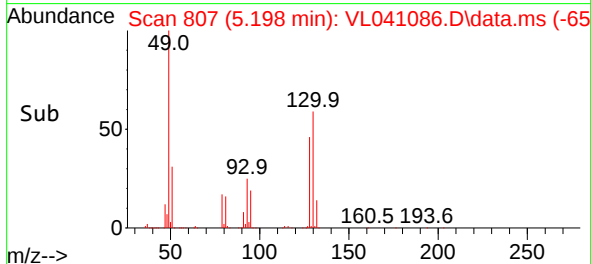
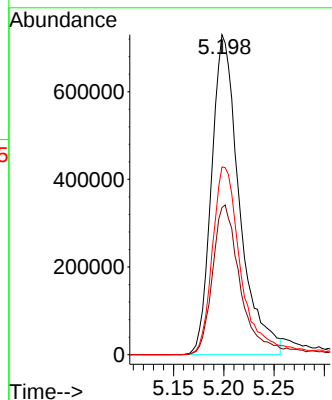
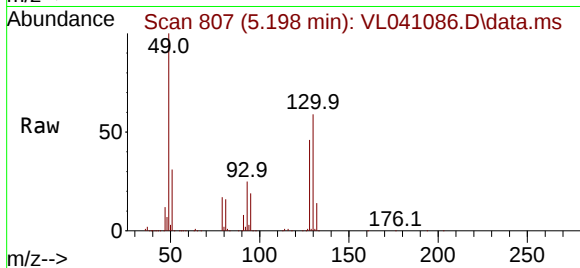
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1407864
Ion Ratio Lower Upper
49 100
128 49.4 23.8 71.5
130 63.2 30.3 90.9

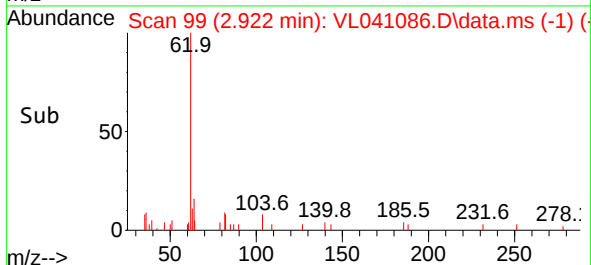
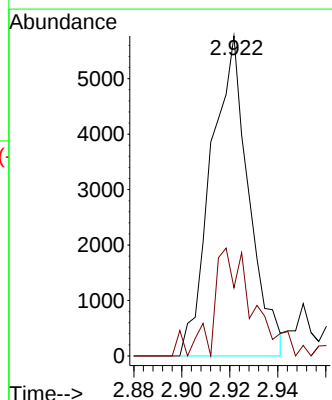
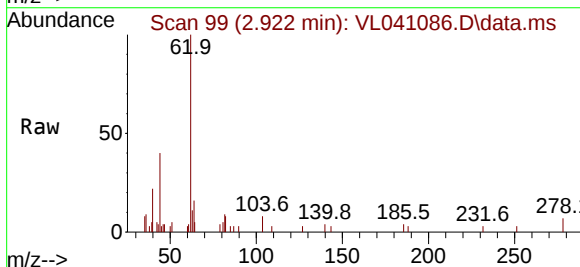
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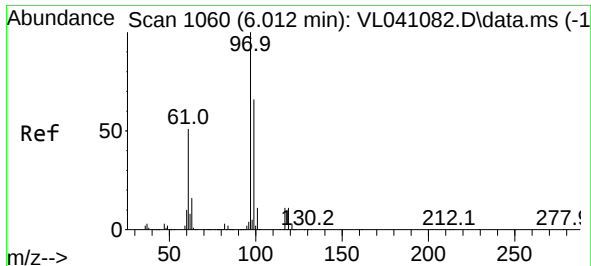
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#5
Vinyl Chloride
Concen: 0.079 ppbv
RT: 2.922 min Scan# 99
Delta R.T. 0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion: 62 Resp: 6299
Ion Ratio Lower Upper
62 100
64 12.9 26.5 39.7#





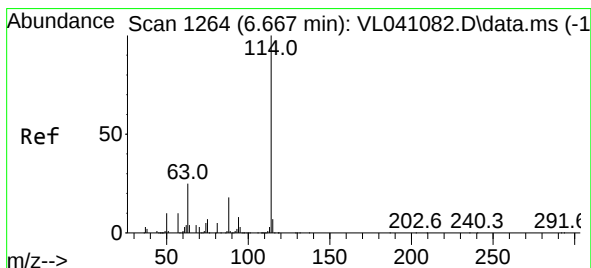
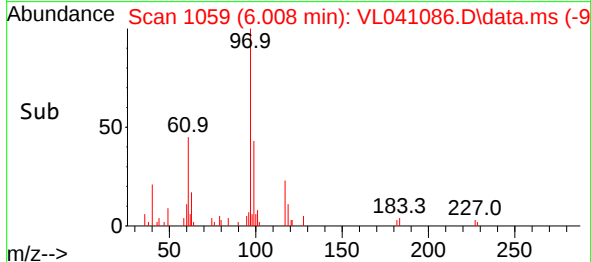
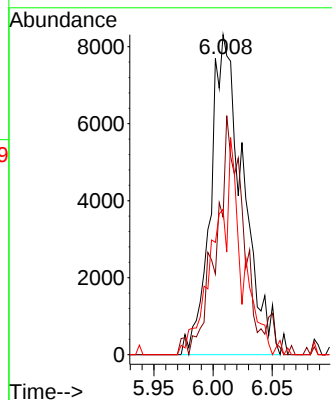
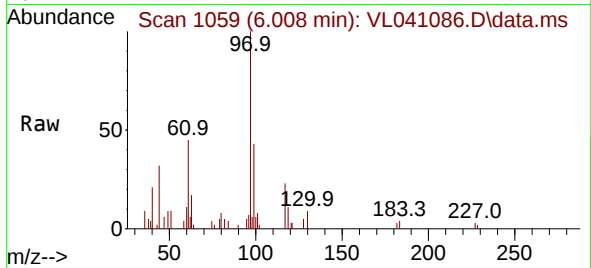
#32
1,1,1-Trichloroethane
Concen: 0.079 ppbv m
RT: 6.008 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 97 Resp: 1584
Ion Ratio Lower Upper
97 100
99 65.3 52.4 78.6
61 56.5 40.4 60.6

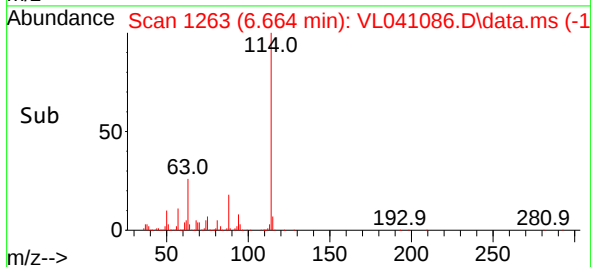
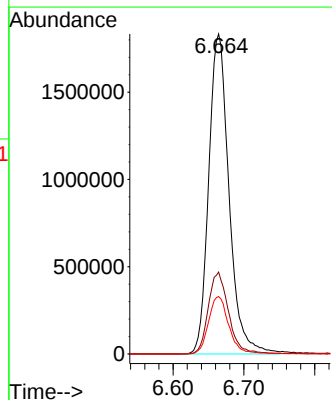
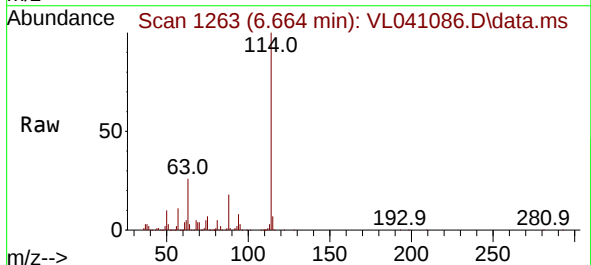
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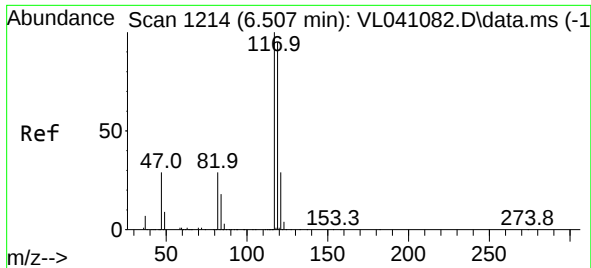
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

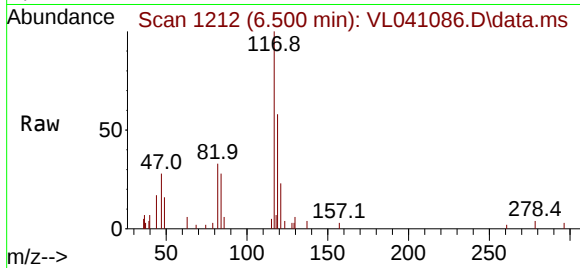
Tgt Ion:114 Resp: 3645410
Ion Ratio Lower Upper
114 100
63 25.9 21.0 31.6
88 18.1 14.6 22.0





#35
Carbon Tetrachloride
Concen: 0.075 ppbv m
RT: 6.500 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

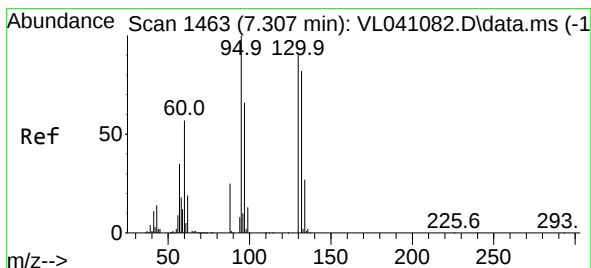
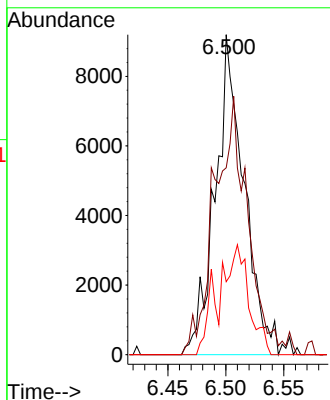
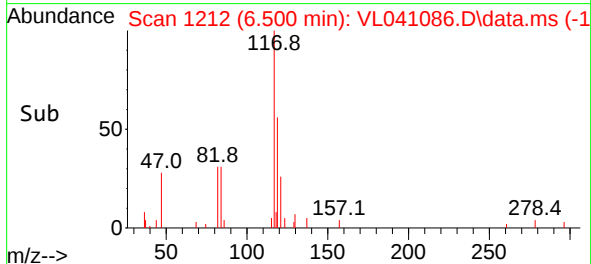
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:117 Resp: 1585
Ion Ratio Lower Upper
117 100
119 58.4 75.6 113.4
121 22.8 23.4 35.2

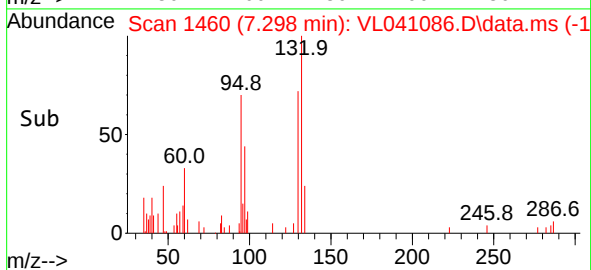
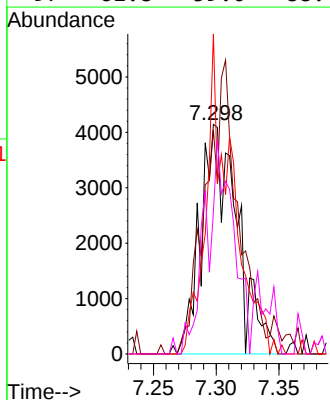
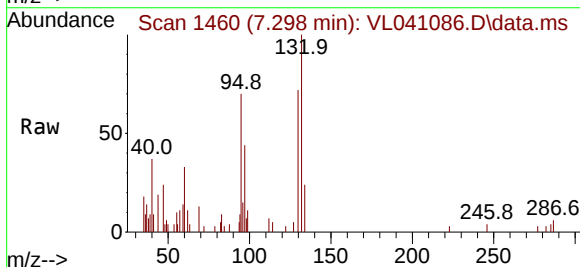
Manual Integrations
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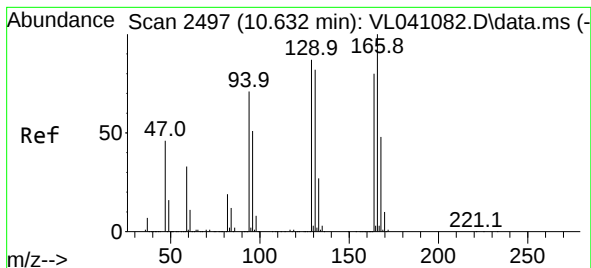
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#38
Trichloroethene
Concen: 0.083 ppbv m
RT: 7.298 min Scan# 1460
Delta R.T. -0.010 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion:130 Resp: 8438
Ion Ratio Lower Upper
130 100
95 97.5 88.8 133.2
132 139.4 73.0 109.4
97 61.8 59.0 88.4





#52

Tetrachloroethene

Concen: 0.069 ppbv m

RT: 10.642 min Scan# 2497

Delta R.T. 0.010 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_L

ClientSampleId :

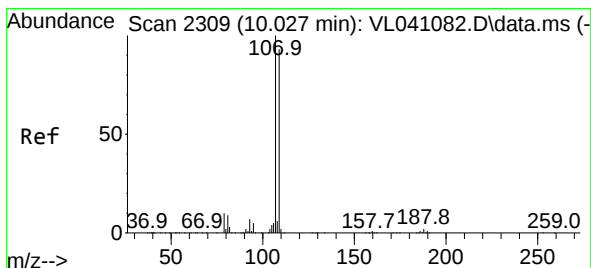
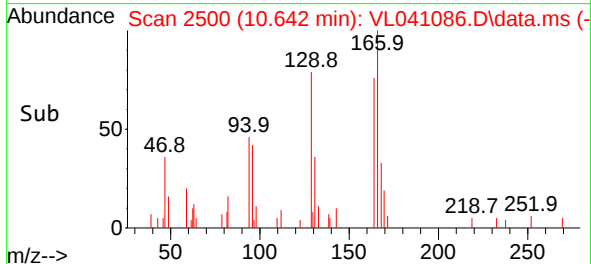
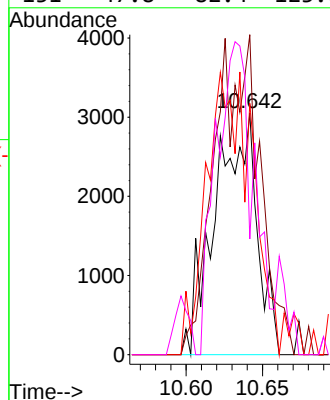
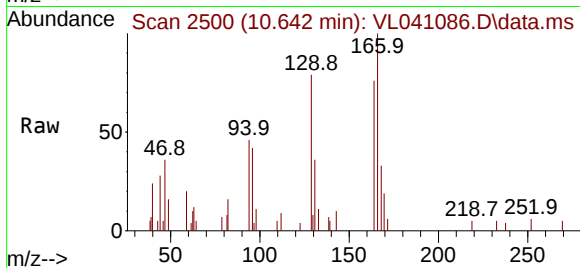
VSTDIC0.1

Tgt Ion:164	Resp:	5808
Ion Ratio	Lower	Upper
164	100	
166	132.4	100.6 150.8
129	104.0	87.2 130.8
131	47.8	82.4 123.6#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#54

1,2-Dibromoethane

Concen: 0.075 ppbv m

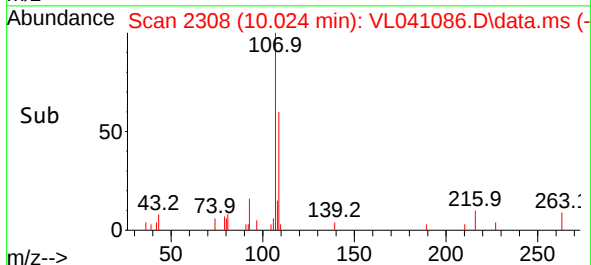
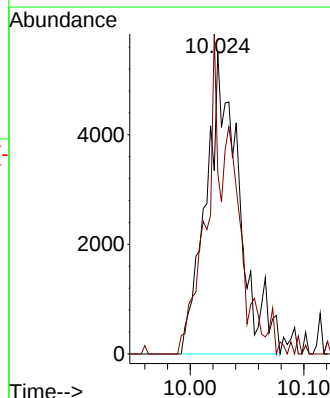
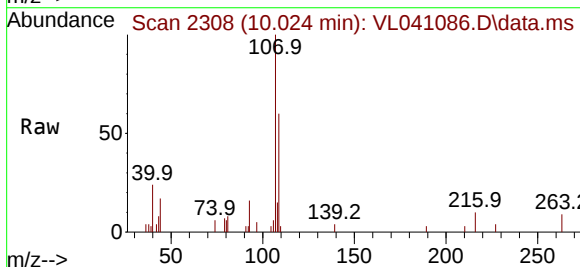
RT: 10.024 min Scan# 2308

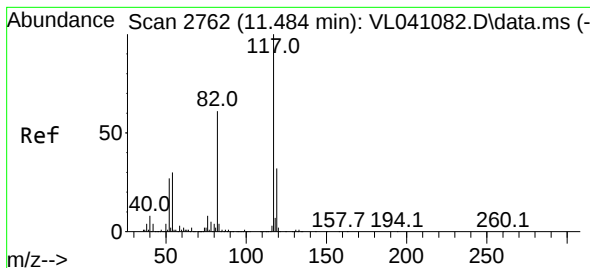
Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Tgt Ion:107	Resp:	11112
Ion Ratio	Lower	Upper
107	100	
109	59.9	74.4 111.6#





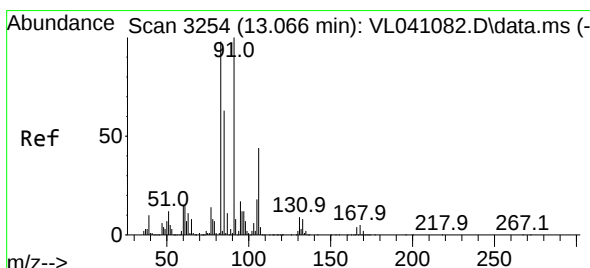
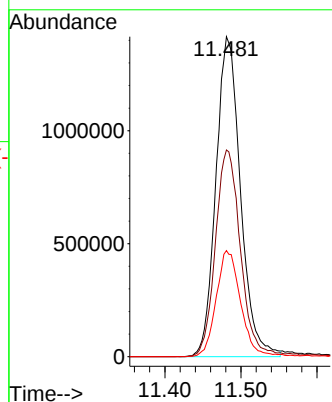
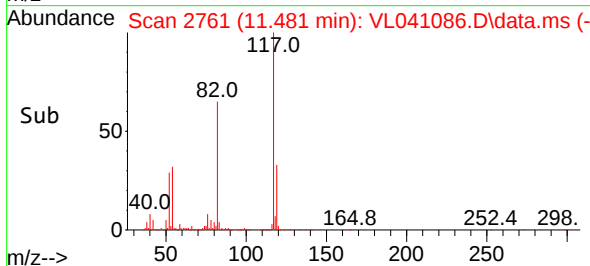
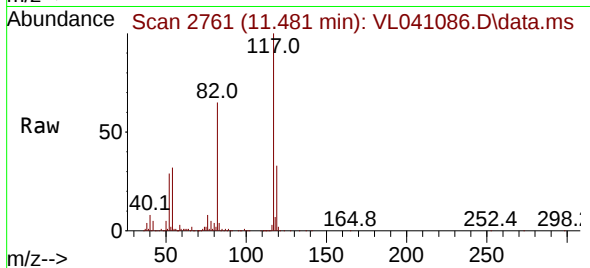
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 318353
Ion Ratio Lower Upper
117 100
82 67.1 51.4 77.2
119 33.4 23.7 35.5

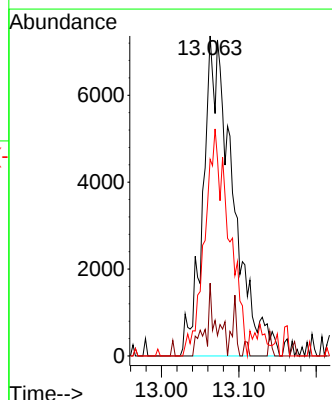
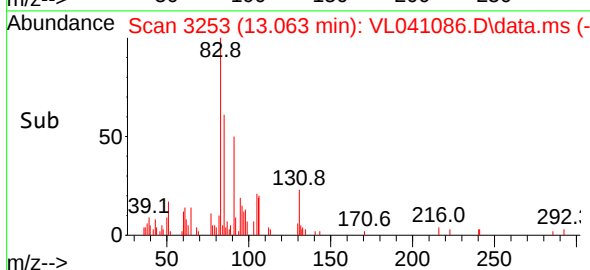
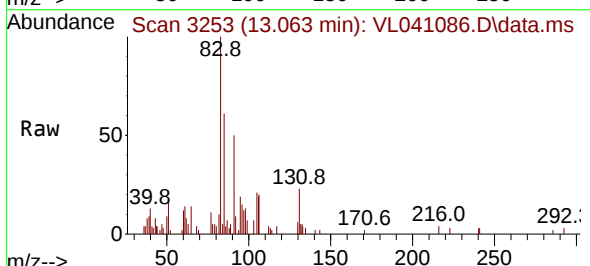
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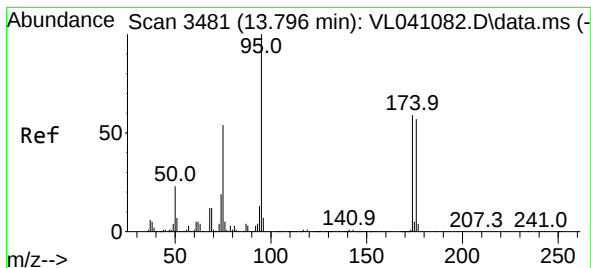
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#63
1,1,2,2-Tetrachloroethane
Concen: 0.084 ppbv m
RT: 13.063 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

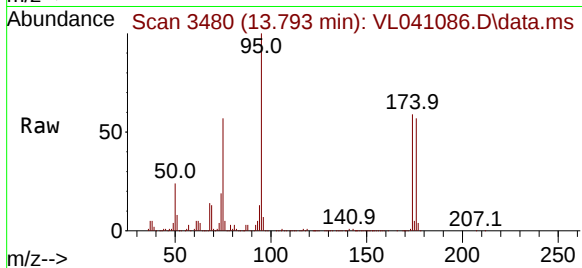
Tgt Ion: 83 Resp: 19839
Ion Ratio Lower Upper
83 100
131 11.4 4.7 14.0
85 0.0 32.7 98.1#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.016 ppbv
RT: 13.793 min Scan# 3481
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

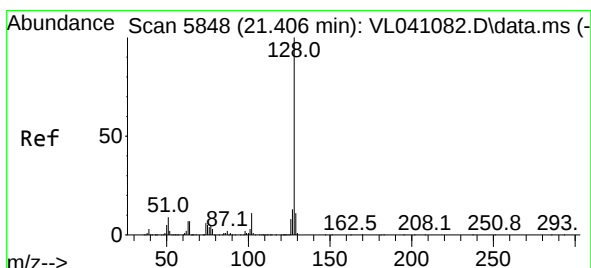
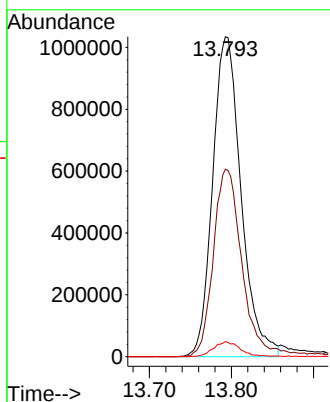
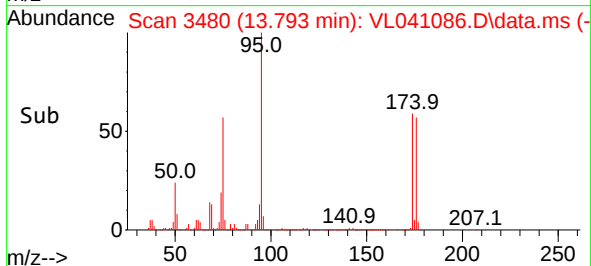
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 95 Resp: 249300
Ion Ratio Lower Upper
95 100
174 60.8 47.8 71.8
175 4.6 3.5 5.3

Manual Integrations
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Supervised By :Mahesh Dadoda 03/12/2024



#79
Naphthalene
Concen: 0.037 ppbv m
RT: 21.432 min Scan# 5856
Delta R.T. 0.026 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion:128 Resp: 7444
Ion Ratio Lower Upper
128 100
127 18.0 10.6 15.8#
129 0.0 9.0 13.6#

