

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040510.D
 Acq On : 10 Jul 2023 14:28
 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 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

Quant Time: Jul 10 15:36:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 11 2023
 QLast Update : Mon Jul 10 14:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.202	49	1029639	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.664	114	2648016	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2282918	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1830201	9.713	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.932	62	6849	0.105	ppbv	96
32) 1,1,1-Trichloroethane	6.012	97	17064m	0.095	ppbv	
35) Carbon Tetrachloride	6.501	117	15116m	0.084	ppbv	
38) Trichloroethene	7.301	130	7017m	0.088	ppbv	
52) Tetrachloroethene	10.623	164	5997m	0.091	ppbv	
54) 1,2-Dibromoethane	10.028	107	8723m	0.075	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.073	83	15747m	0.101	ppbv	
79) Naphthalene	21.416	128	11680m	0.072	ppbv	

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

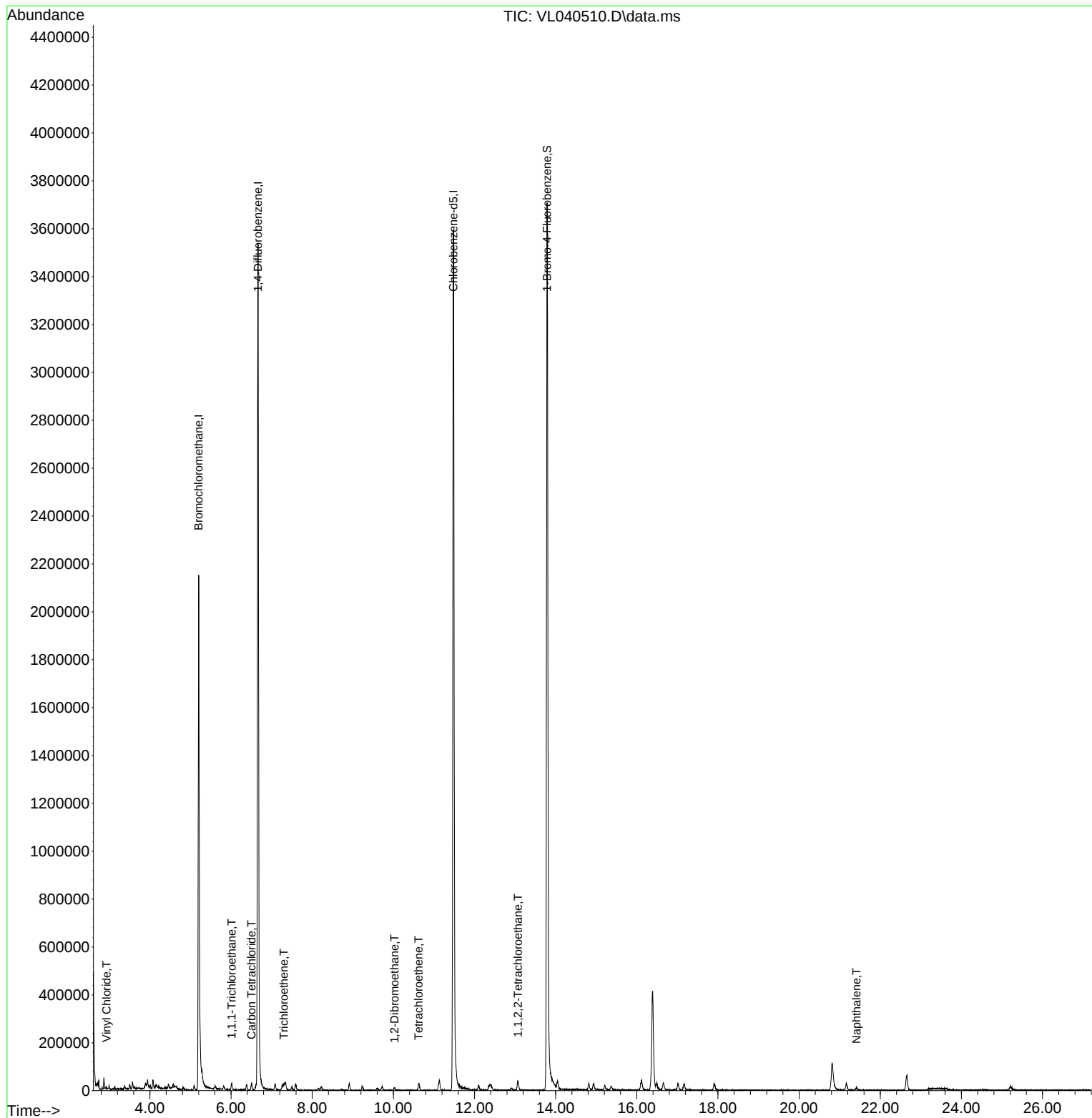
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
Data File : VL040510.D
Acq On : 10 Jul 2023 14:28
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
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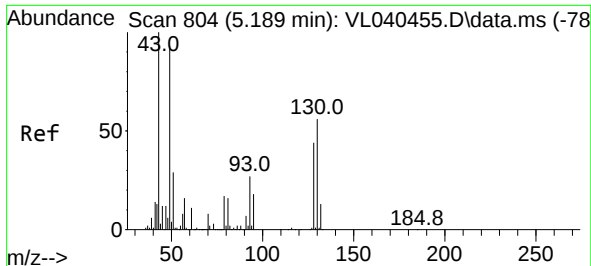
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

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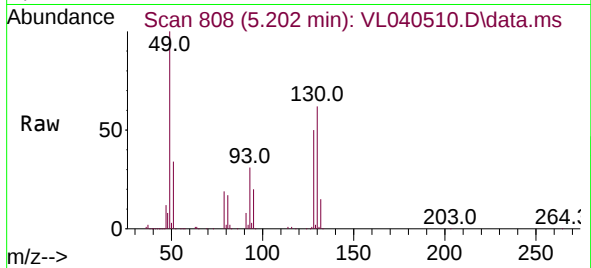
Quant Time: Jul 10 15:36:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jul 10 14:00:16 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 804
Delta R.T. 0.013 min
Lab File: VL040510.D
Acq: 10 Jul 2023 14:28

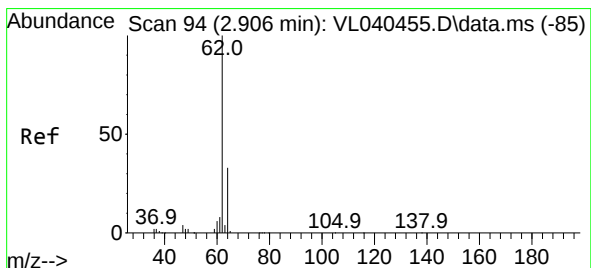
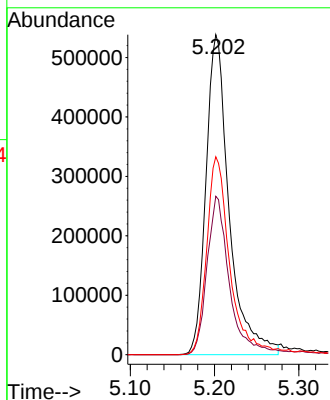
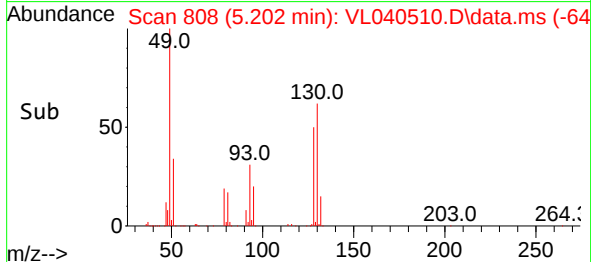
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



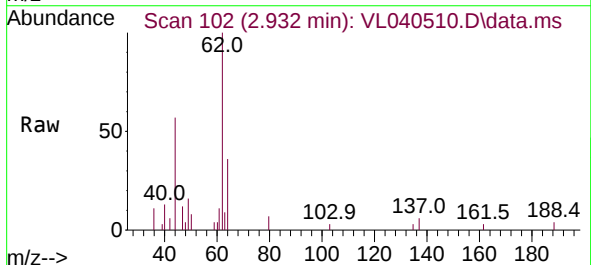
Tgt Ion: 49 Resp: 1029639
Ion Ratio Lower Upper
49 100
128 49.8 24.7 74.1
130 63.9 31.4 94.2

Manual Integrations
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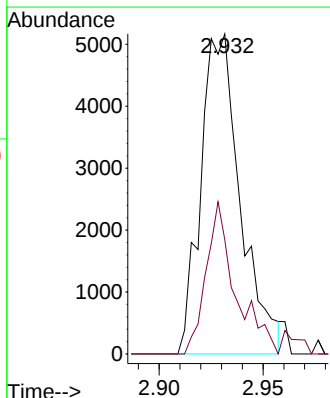
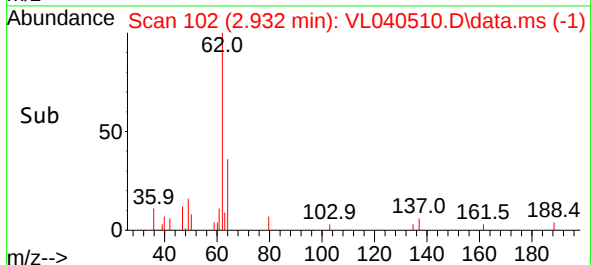
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

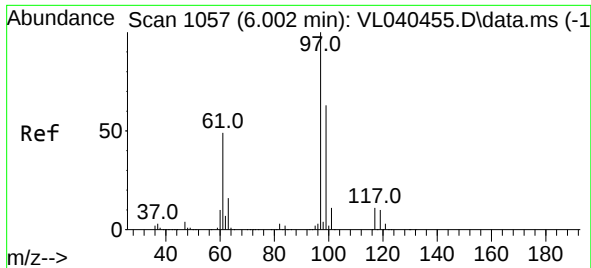


#5
Vinyl Chloride
Concen: 0.105 ppbv
RT: 2.932 min Scan# 102
Delta R.T. 0.026 min
Lab File: VL040510.D
Acq: 10 Jul 2023 14:28



Tgt Ion: 62 Resp: 6849
Ion Ratio Lower Upper
62 100
64 35.8 26.8 40.2





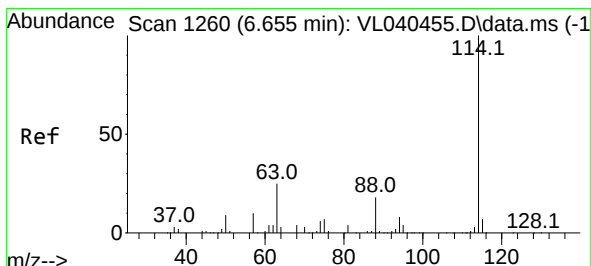
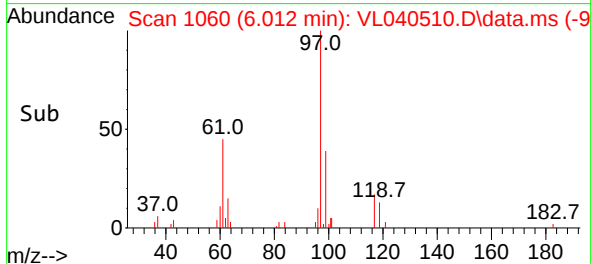
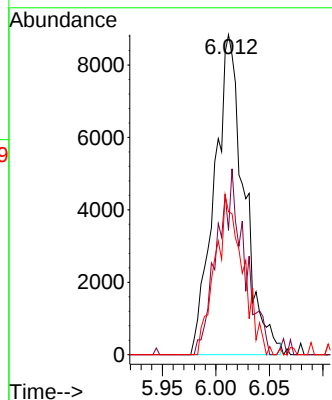
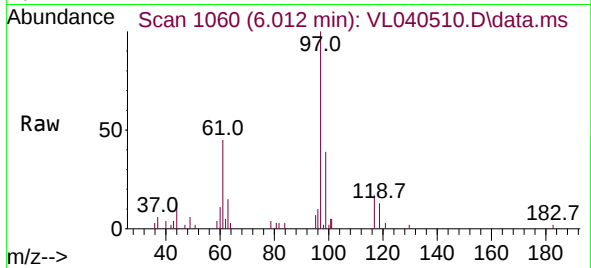
#32
1,1,1-Trichloroethane
Concen: 0.095 ppbv m
RT: 6.012 min Scan# 1057
Delta R.T. 0.010 min
Lab File: VL040510.D
Acq: 10 Jul 2023 14:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 17064
Ion Ratio Lower Upper
97 100
99 54.4 51.5 77.3
61 46.9 39.7 59.5

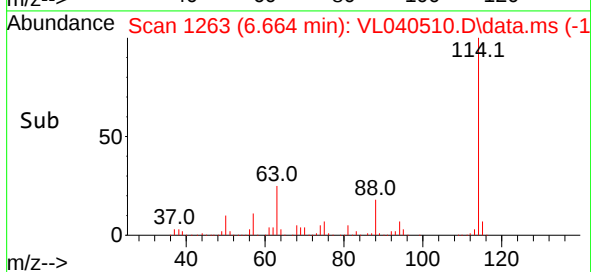
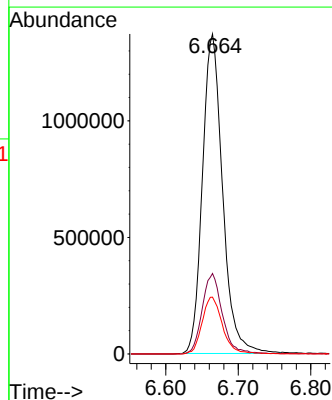
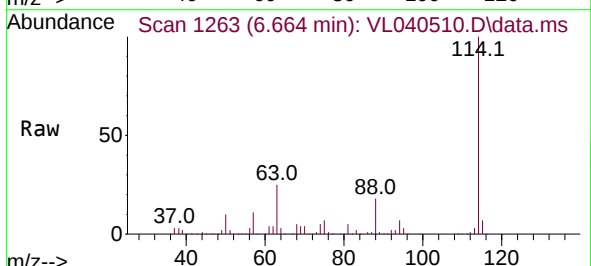
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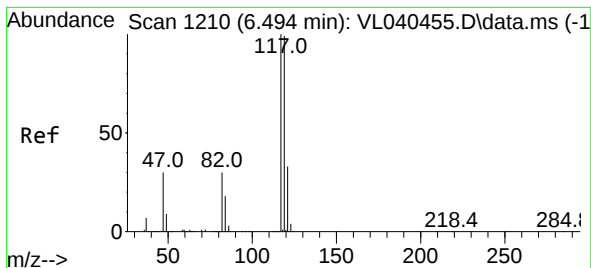
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VL040510.D
Acq: 10 Jul 2023 14:28

Tgt Ion:114 Resp: 2648016
Ion Ratio Lower Upper
114 100
63 25.2 21.0 31.6
88 18.1 14.5 21.7





#35

Carbon Tetrachloride

Concen: 0.084 ppbv m

RT: 6.501 min Scan# 1

Delta R.T. 0.007 min

Lab File: VL040510.D

Acq: 10 Jul 2023 14:28

Instrument :

MSVOA_L

ClientSampleId :

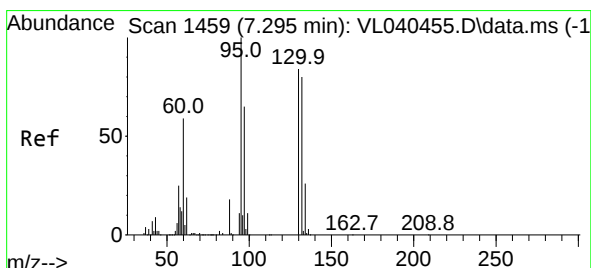
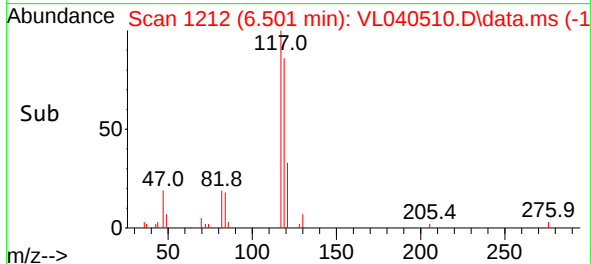
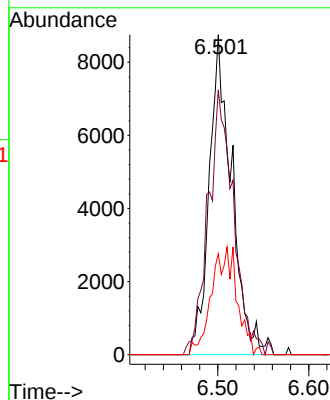
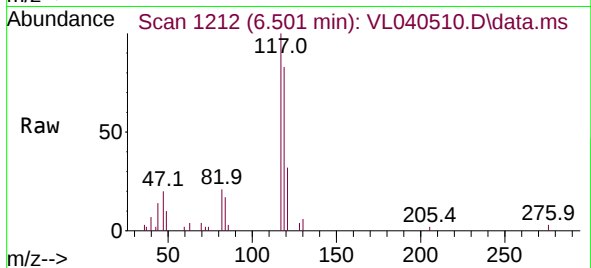
VSTDICC0.1

Tgt Ion:	117	Resp:	1511
Ion	Ratio	Lower	Upper
117	100		
119	82.8	79.1	118.7
121	31.6	26.0	39.0

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Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#38

Trichloroethene

Concen: 0.088 ppbv m

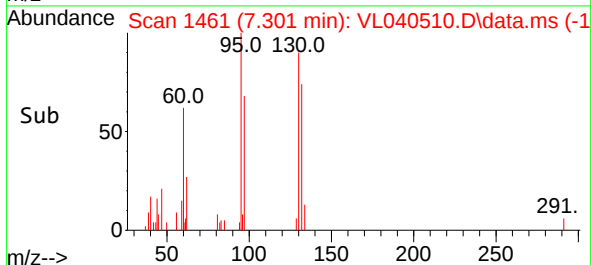
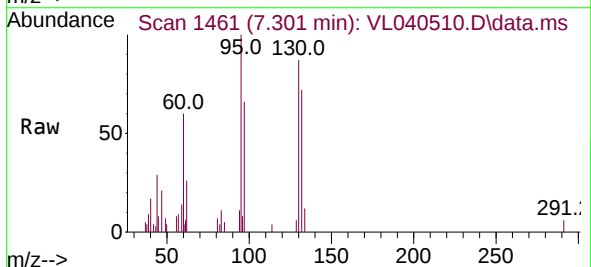
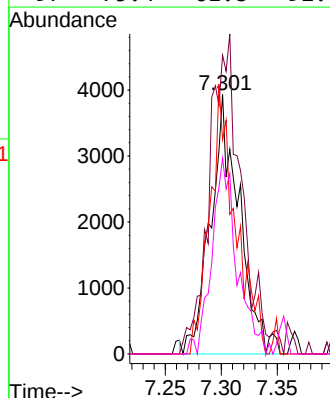
RT: 7.301 min Scan# 1461

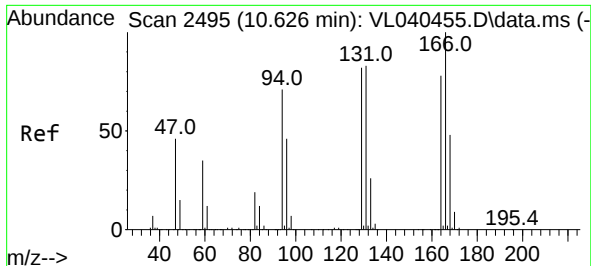
Delta R.T. 0.007 min

Lab File: VL040510.D

Acq: 10 Jul 2023 14:28

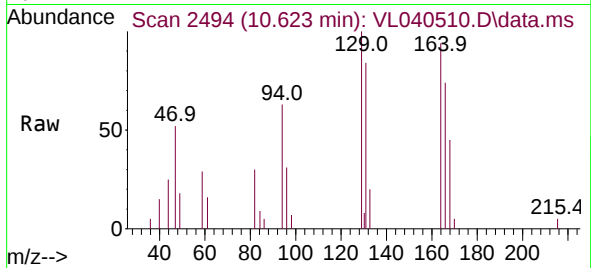
Tgt Ion:	130	Resp:	7017
Ion	Ratio	Lower	Upper
130	100		
95	115.1	95.4	143.0
132	82.6	76.3	114.5
97	75.4	61.8	92.6





#52
Tetrachloroethene
Concen: 0.091 ppbv m
RT: 10.623 min Scan# 2495
Delta R.T. -0.003 min
Lab File: VL040510.D
Acq: 10 Jul 2023 14:28

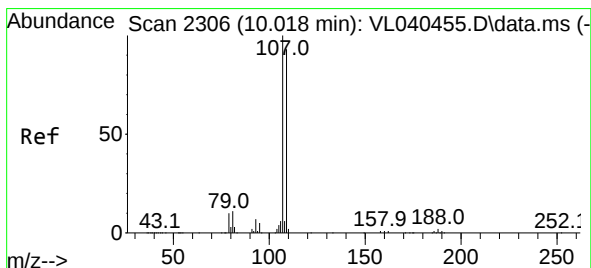
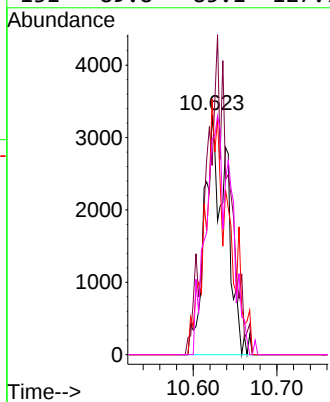
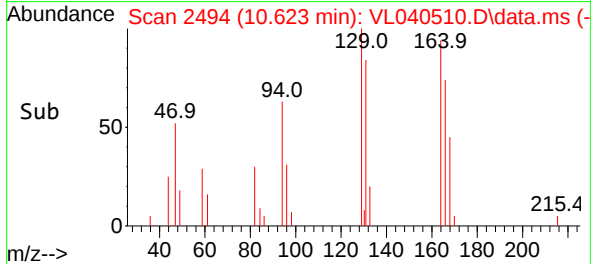
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion:164 Resp: 599
Ion Ratio Lower Upper
164 100
166 78.8 102.7 154.1
129 106.6 84.6 126.8
131 89.8 85.1 127.7

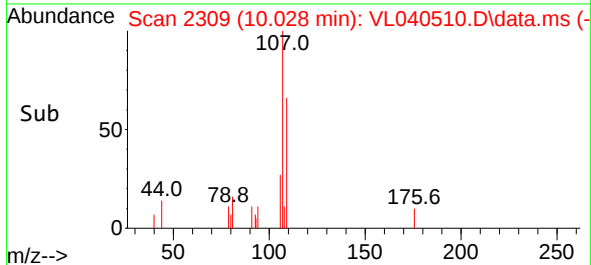
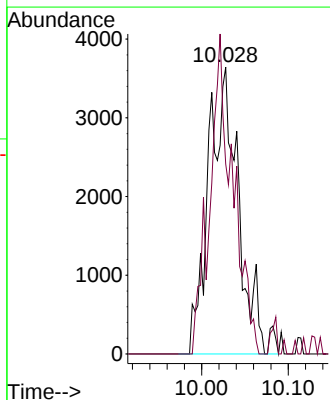
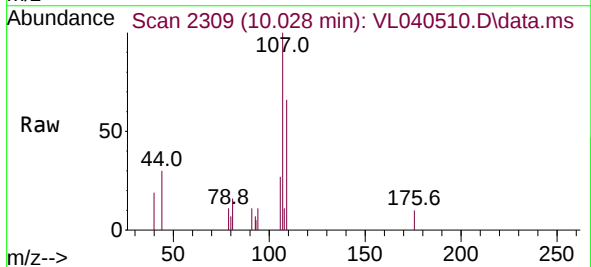
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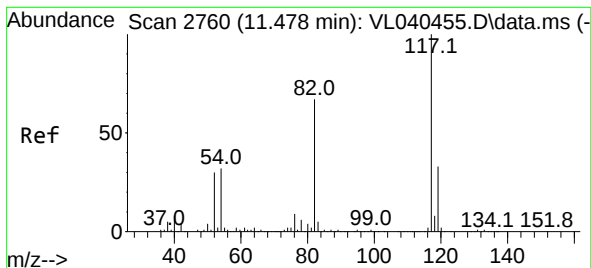
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#54
1,2-Dibromoethane
Concen: 0.075 ppbv m
RT: 10.028 min Scan# 2309
Delta R.T. 0.010 min
Lab File: VL040510.D
Acq: 10 Jul 2023 14:28

Tgt Ion:107 Resp: 8723
Ion Ratio Lower Upper
107 100
109 66.2 74.5 111.7#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040510.D

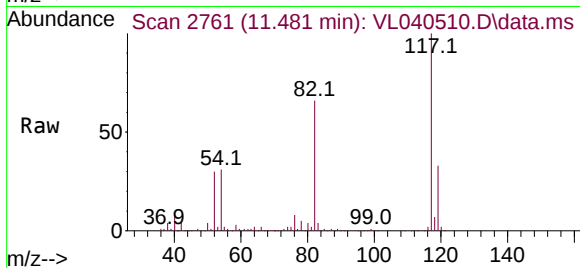
Acq: 10 Jul 2023 14:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1



Tgt Ion:117 Resp: 2282918

Ion Ratio Lower Upper

117 100

82 67.2 53.0 79.4

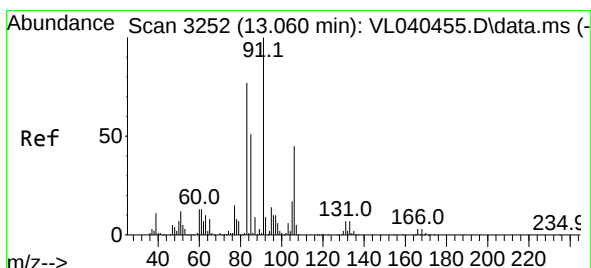
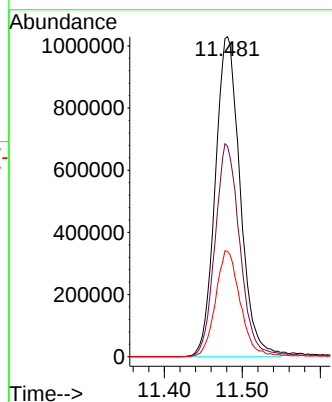
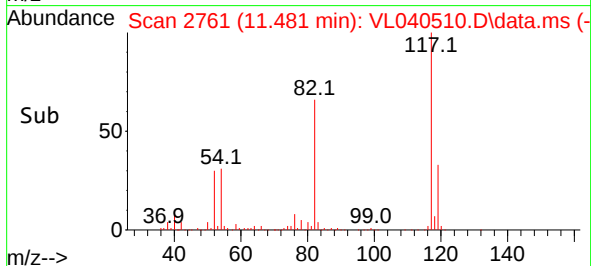
119 33.2 24.4 36.6

Manual Integrations

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Supervised By :Mahesh Dadoda 07/11/2023



#63

1,1,2,2-Tetrachloroethane

Concen: 0.101 ppbv m

RT: 13.073 min Scan# 3256

Delta R.T. 0.013 min

Lab File: VL040510.D

Acq: 10 Jul 2023 14:28

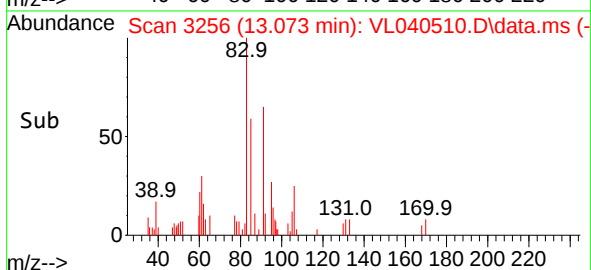
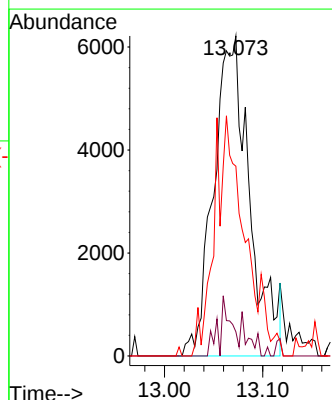
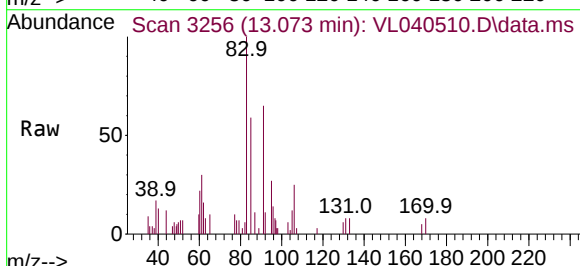
Tgt Ion: 83 Resp: 15747

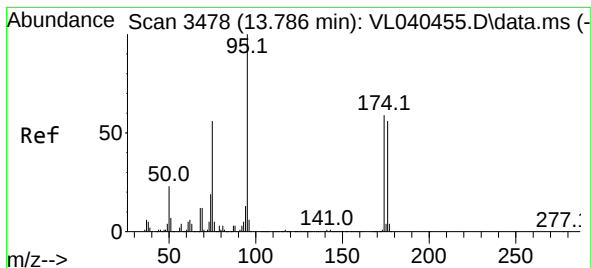
Ion Ratio Lower Upper

83 100

131 8.2 4.5 13.7

85 63.9 33.0 99.0





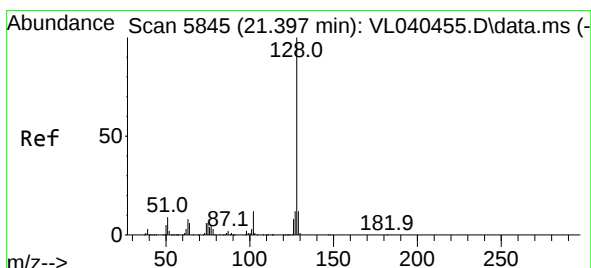
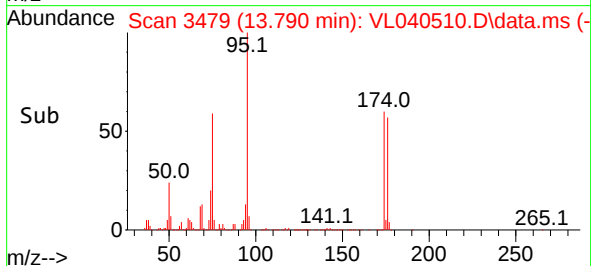
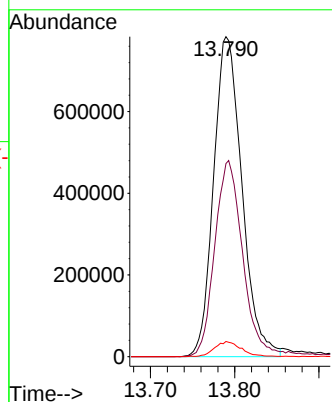
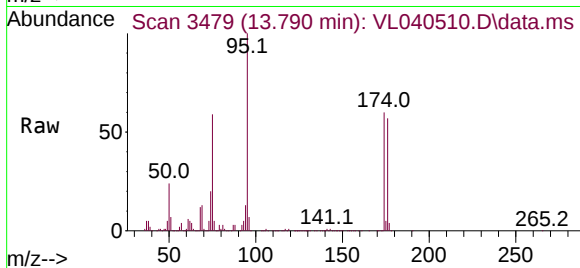
#68
1-Bromo-4-Fluorobenzene
Concen: 9.713 ppbv
RT: 13.790 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VL040510.D
Acq: 10 Jul 2023 14:28

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

Tgt Ion: 95 Resp: 183020
Ion Ratio Lower Upper
95 100
174 62.1 47.7 71.5
175 4.6 3.5 5.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#79
Naphthalene
Concen: 0.072 ppbv m
RT: 21.416 min Scan# 5851
Delta R.T. 0.019 min
Lab File: VL040510.D
Acq: 10 Jul 2023 14:28

Tgt Ion:128 Resp: 11680
Ion Ratio Lower Upper
128 100
127 11.3 9.9 14.9
129 12.0 9.2 13.8

