

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
 Data File : VL040095.D
 Acq On : 16 Jan 2023 12:49
 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 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

Quant Time: Jan 16 13:25:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Mon Jan 16 11:28:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1083007	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2913980	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2566968	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	2139227	10.910	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 109.100%	
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.912	62	6520m	0.080	ppbv	
32) 1,1,1-Trichloroethane	5.999	97	13925m	0.070	ppbv	
35) Carbon Tetrachloride	6.494	117	13945m	0.077	ppbv	
38) Trichloroethene	7.298	130	10427m	0.078	ppbv	
52) Tetrachloroethene	10.622	164	6083m	0.069	ppbv	
54) 1,2-Dibromoethane	10.015	107	6963m	0.061	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.066	83	7622m	0.068	ppbv	
79) Naphthalene	21.426	128	8159m	0.041	ppbv	

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

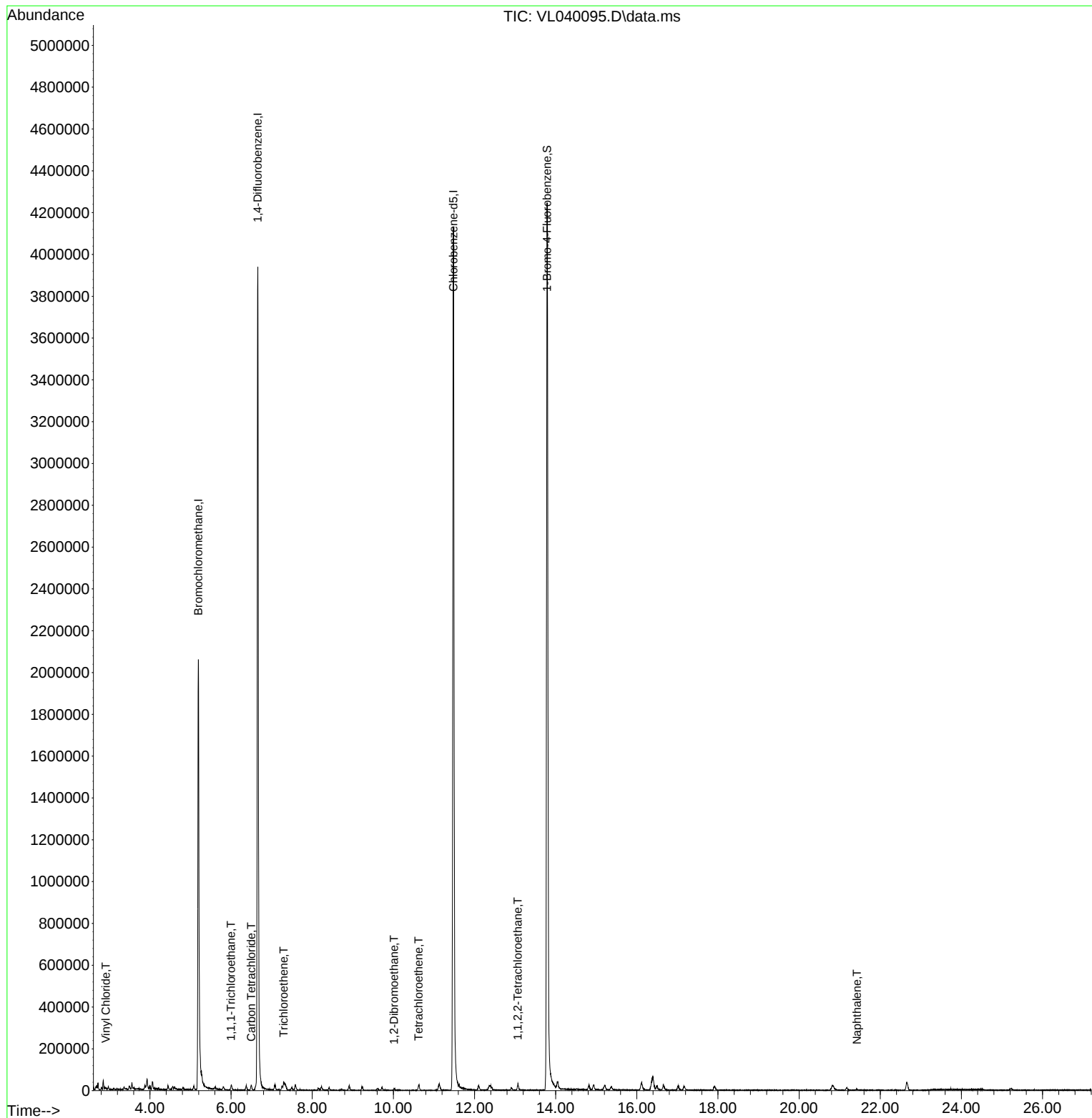
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
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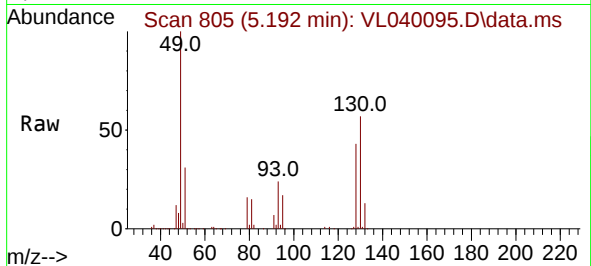
Reviewed By : Semsettin Yesilyurt 01/17/2023
Supervised By : Mahesh Dadoda 01/17/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL040095.D
Acq: 16 Jan 2023 12:49

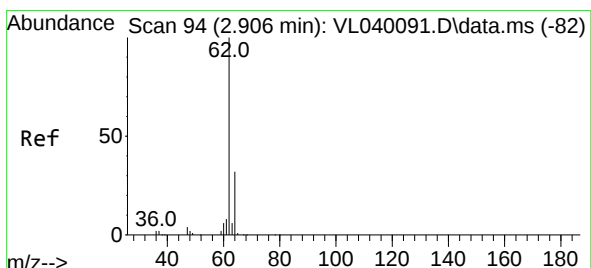
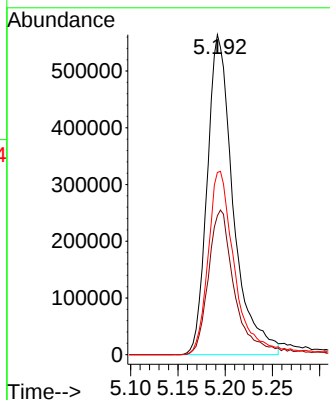
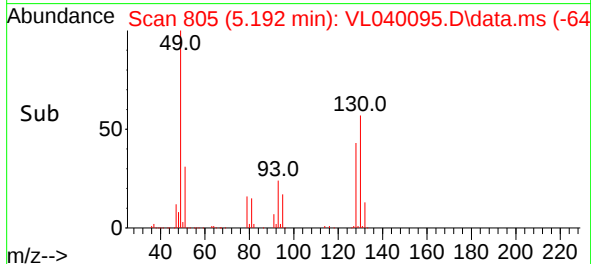
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 49 Resp: 108300
Ion Ratio Lower Upper
49 100
128 46.9 23.6 71.0
130 60.9 29.8 89.3

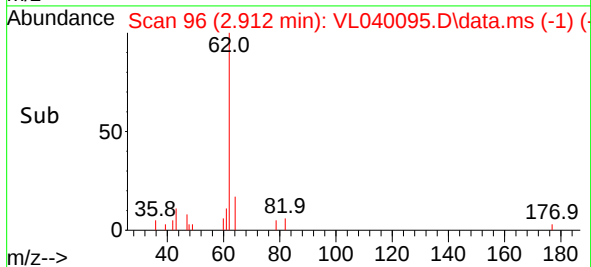
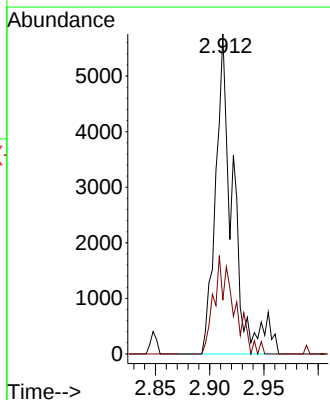
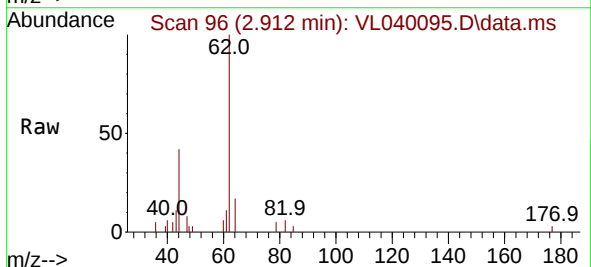
Manual Integrations
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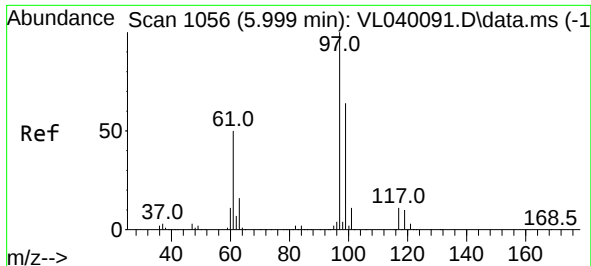
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#5
Vinyl Chloride
Concen: 0.080 ppbv m
RT: 2.912 min Scan# 96
Delta R.T. 0.006 min
Lab File: VL040095.D
Acq: 16 Jan 2023 12:49

Tgt Ion: 62 Resp: 6520
Ion Ratio Lower Upper
62 100
64 16.8 25.8 38.6





#32

1,1,1-Trichloroethane

Concen: 0.070 ppbv m

RT: 5.999 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VL040095.D

Acq: 16 Jan 2023 12:49

Instrument :

MSVOA_L

ClientSampleId :

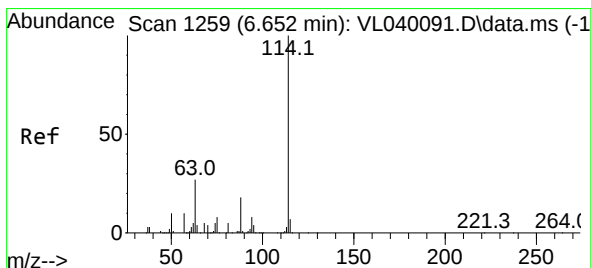
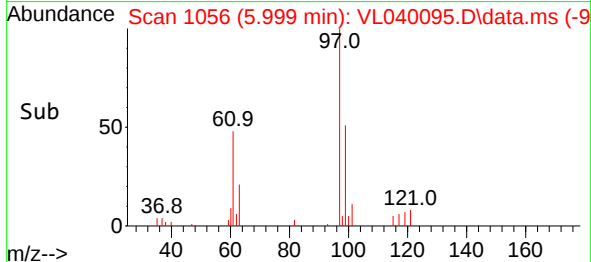
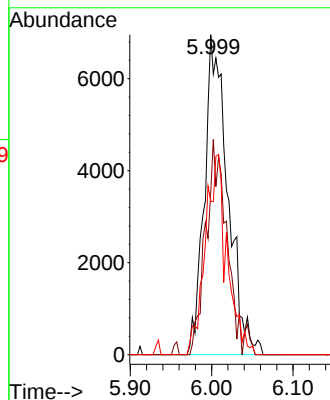
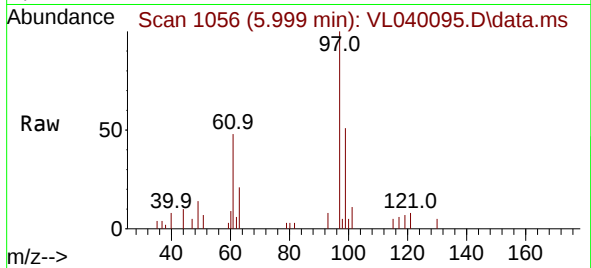
VSTDIC0.1

Tgt Ion:	97	Resp:	1392
Ion	Ratio	Lower	Upper
97	100		
99	61.5	51.8	77.6
61	58.0	40.4	60.6

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

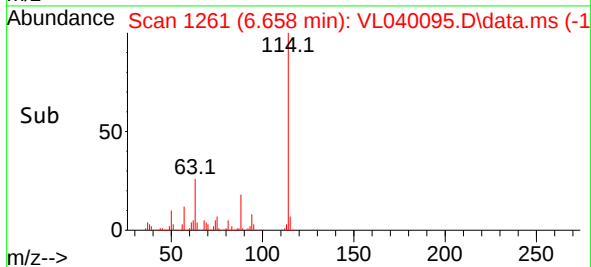
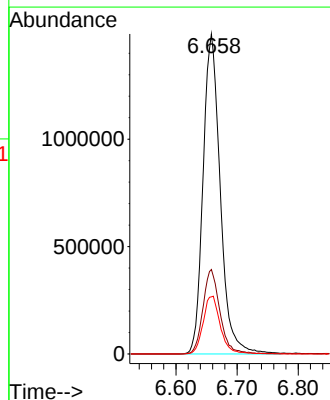
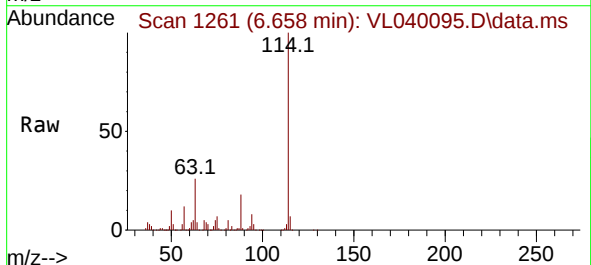
RT: 6.658 min Scan# 1261

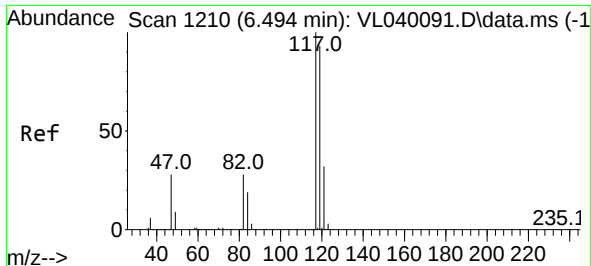
Delta R.T. 0.006 min

Lab File: VL040095.D

Acq: 16 Jan 2023 12:49

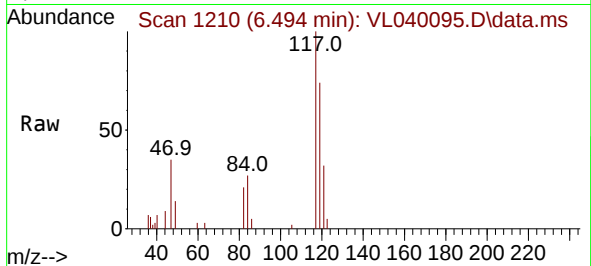
Tgt Ion:	114	Resp:	2913980
Ion	Ratio	Lower	Upper
114	100		
63	26.2	21.8	32.8
88	18.2	14.8	22.2





#35
Carbon Tetrachloride
Concen: 0.077 ppbv m
RT: 6.494 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL040095.D
Acq: 16 Jan 2023 12:49

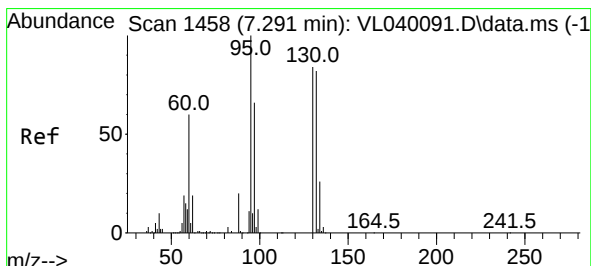
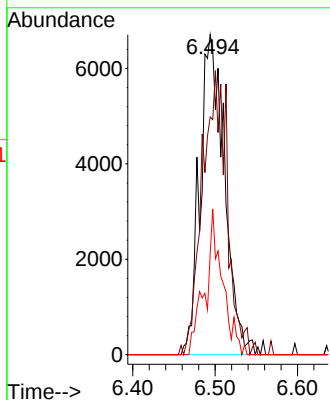
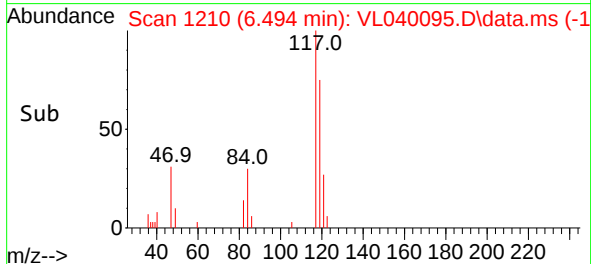
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



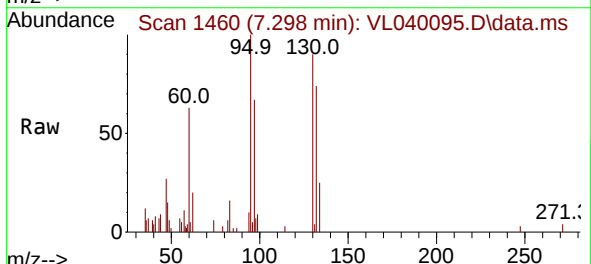
Tgt Ion:117 Resp: 1394
Ion Ratio Lower Upper
117 100
119 74.3 74.5 111.7
121 31.6 25.4 38.0

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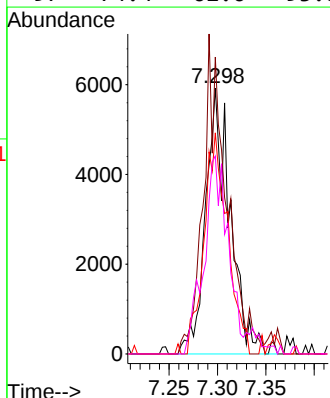
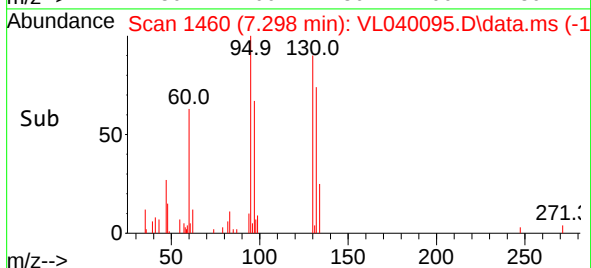
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

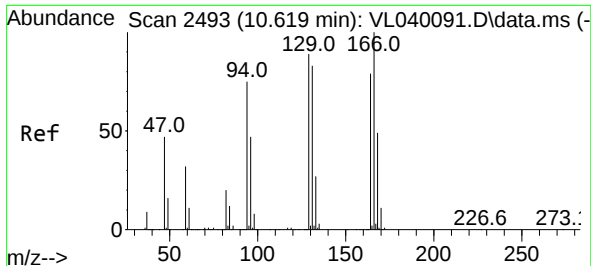


#38
Trichloroethene
Concen: 0.078 ppbv m
RT: 7.298 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VL040095.D
Acq: 16 Jan 2023 12:49



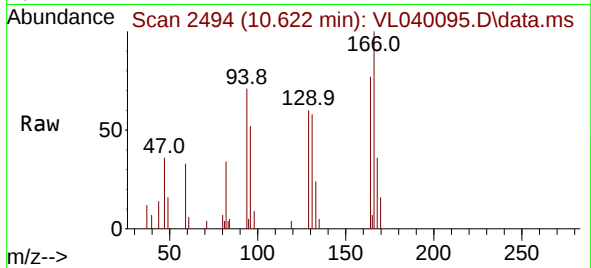
Tgt Ion:130 Resp: 10427
Ion Ratio Lower Upper
130 100
95 111.7 95.0 142.6
132 83.2 77.9 116.9
97 74.4 62.6 93.8





#52
Tetrachloroethene
Concen: 0.069 ppbv m
RT: 10.622 min Scan# 2494
Delta R.T. 0.003 min
Lab File: VL040095.D
Acq: 16 Jan 2023 12:49

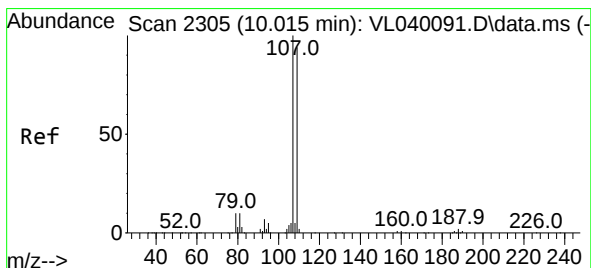
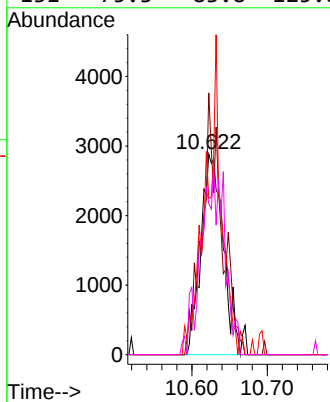
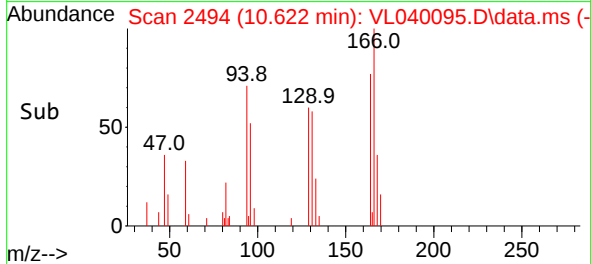
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:164 Resp: 608
Ion Ratio Lower Upper
164 100
166 130.6 101.2 151.8
129 77.9 90.2 135.2
131 75.3 83.8 125.8

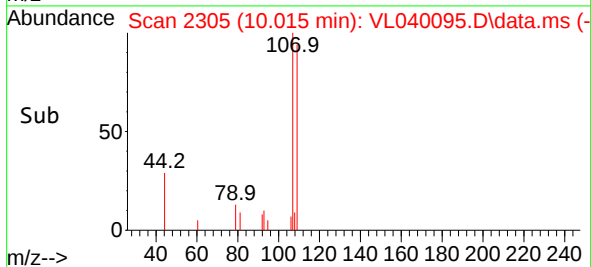
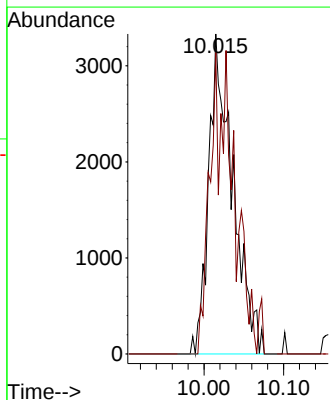
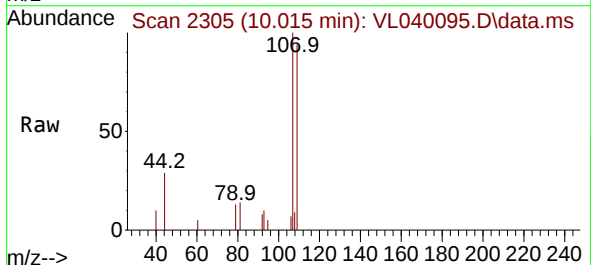
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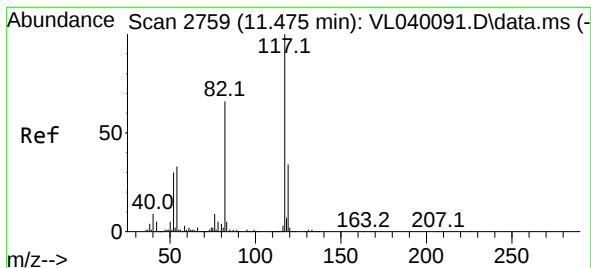
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#54
1,2-Dibromoethane
Concen: 0.061 ppbv m
RT: 10.015 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VL040095.D
Acq: 16 Jan 2023 12:49

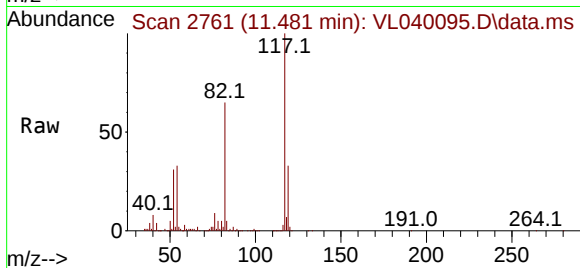
Tgt Ion:107 Resp: 6963
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040095.D
Acq: 16 Jan 2023 12:49

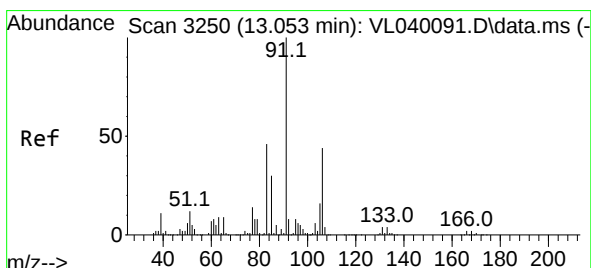
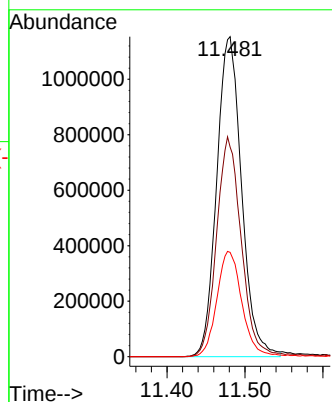
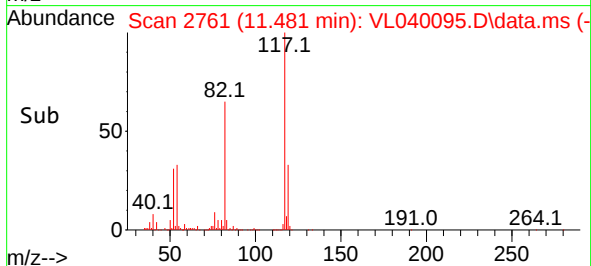
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 117 Resp: 256696
Ion Ratio Lower Upper
117 100
82 69.0 54.4 81.6
119 33.5 26.8 40.2

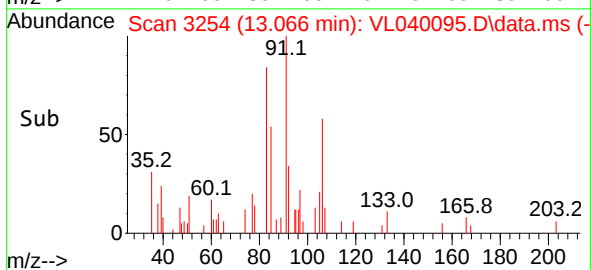
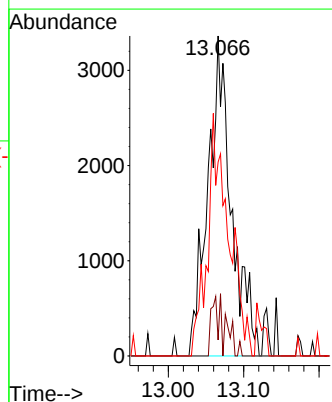
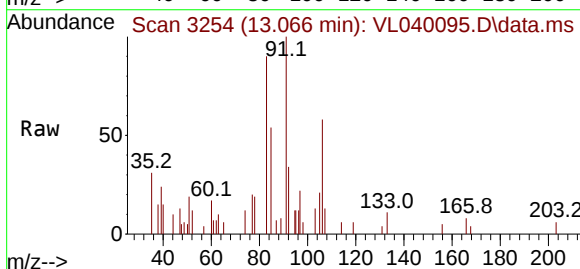
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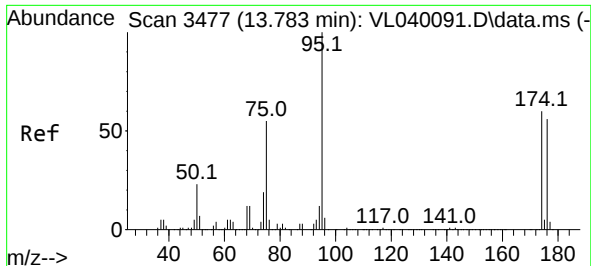
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#63
1,1,2,2-Tetrachloroethane
Concen: 0.068 ppbv m
RT: 13.066 min Scan# 3254
Delta R.T. 0.013 min
Lab File: VL040095.D
Acq: 16 Jan 2023 12:49

Tgt Ion: 83 Resp: 7622
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1#
85 64.9 32.5 97.5





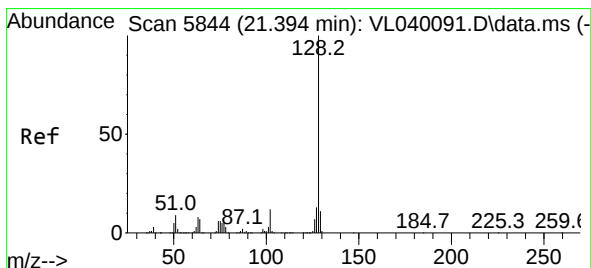
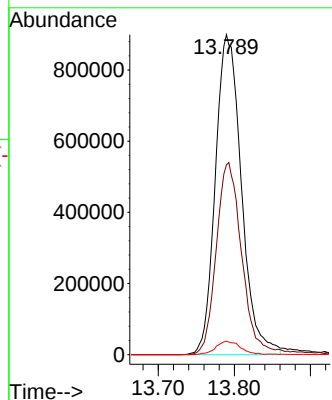
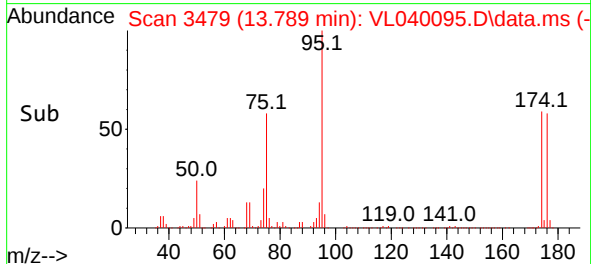
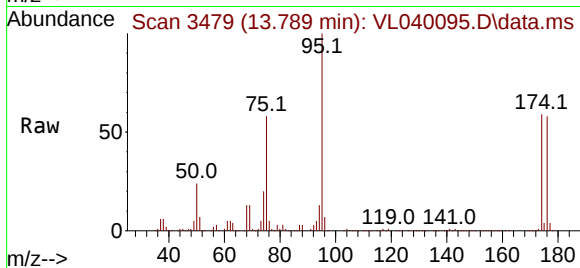
#68
1-Bromo-4-Fluorobenzene
Concen: 10.910 ppbv
RT: 13.789 min Scan# 3477
Delta R.T. 0.006 min
Lab File: VL040095.D
Acq: 16 Jan 2023 12:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 95 Resp: 213922
Ion Ratio Lower Upper
95 100
174 60.1 47.7 71.5
175 4.2 3.4 5.2

Manual Integrations
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Supervised By :Mahesh Dadoda 01/17/2023



#79
Naphthalene
Concen: 0.041 ppbv m
RT: 21.426 min Scan# 5854
Delta R.T. 0.032 min
Lab File: VL040095.D
Acq: 16 Jan 2023 12:49

Tgt Ion:128 Resp: 8159
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 6.1 8.8 13.2#

