

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022323\
 Data File : VL040223.D
 Acq On : 23 Feb 2023 15:04
 Operator : SY/MD
 Sample : 01627-15 0.03 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023
 Supervised By :Mahesh Dadoda 02/24/2023

Quant Time: Feb 24 01:04:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Fri Feb 24 00:45:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	771140	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	1944704	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1705338	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1433890	10.225	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.912	62	1773m	0.038	ppbv	
32) 1,1,1-Trichloroethane	6.002	97	3935m	0.033	ppbv	
35) Carbon Tetrachloride	6.491	117	4229m	0.037	ppbv	
52) Tetrachloroethene	10.603	164	1442m	0.031	ppbv	

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

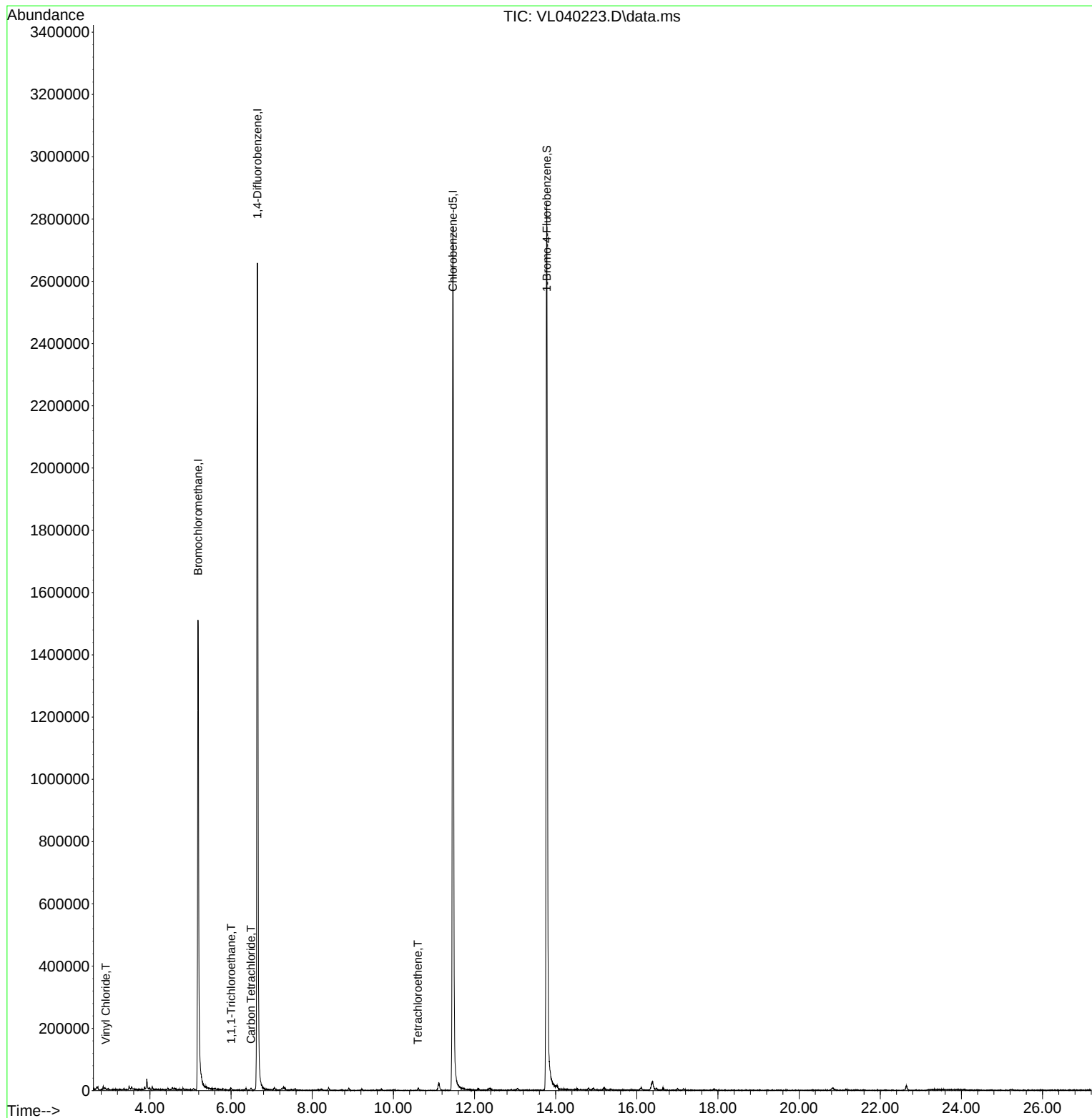
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022323\
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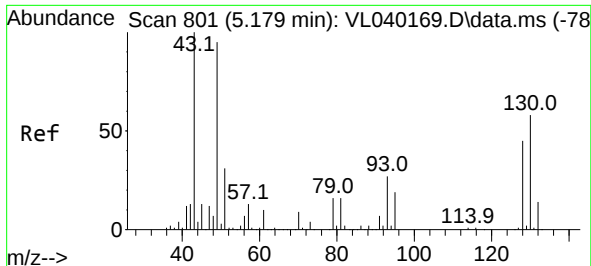
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

Quant Time: Feb 24 01:04:23 2023
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QLast Update : Fri Feb 24 00:45:34 2023
Response via : Initial Calibration

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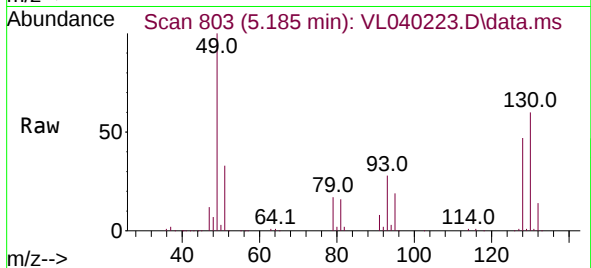
Reviewed By : Semsettin Yesilyurt 02/24/2023
Supervised By : Mahesh Dadoda 02/24/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL040223.D
Acq: 23 Feb 2023 15:04

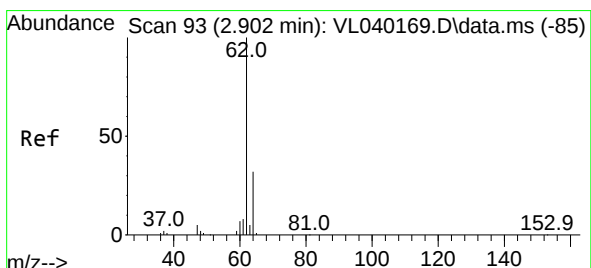
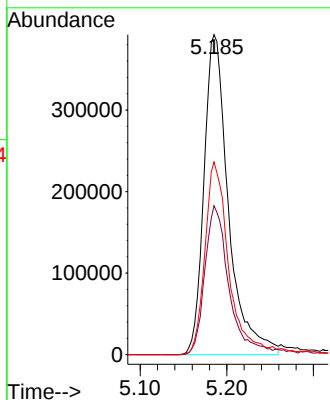
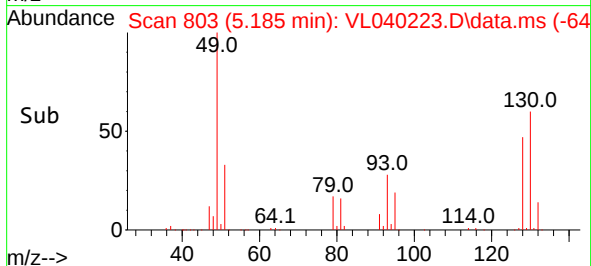
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023



Tgt Ion: 49 Resp: 771140
Ion Ratio Lower Upper
49 100
128 47.8 24.1 72.3
130 60.6 30.9 92.8

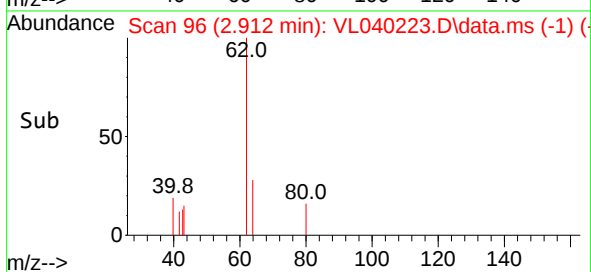
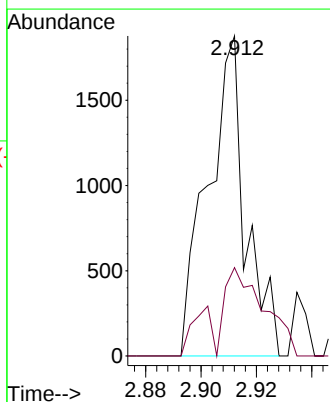
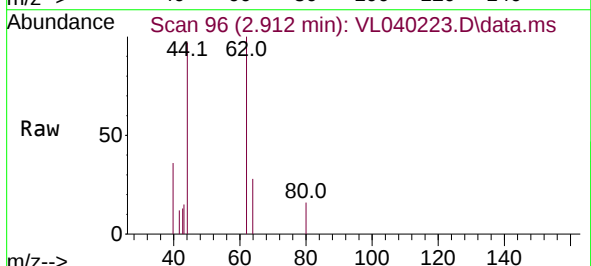
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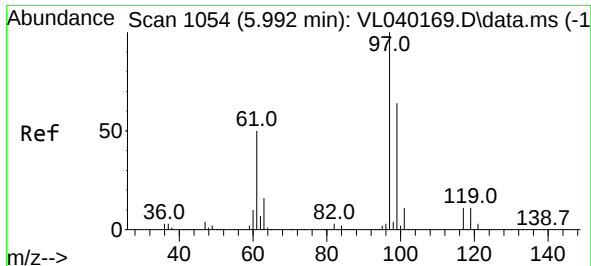
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#5
Vinyl Chloride
Concen: 0.038 ppbv m
RT: 2.912 min Scan# 96
Delta R.T. 0.000 min
Lab File: VL040223.D
Acq: 23 Feb 2023 15:04

Tgt Ion: 62 Resp: 1773
Ion Ratio Lower Upper
62 100
64 27.6 25.6 38.4





#32

1,1,1-Trichloroethane

Concen: 0.033 ppbv m

RT: 6.002 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VL040223.D

Acq: 23 Feb 2023 15:04

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

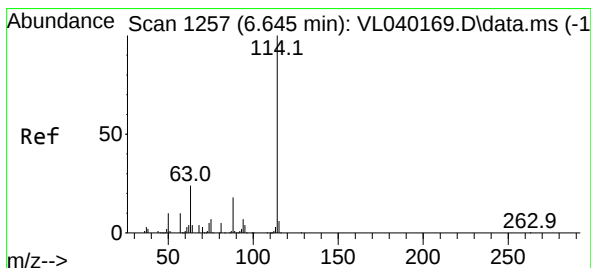
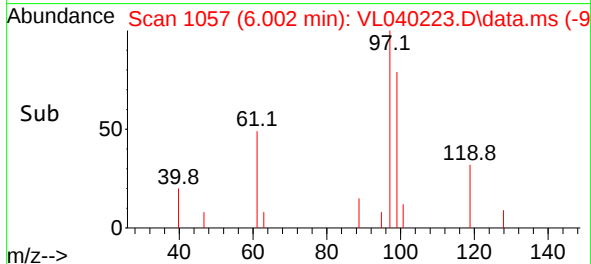
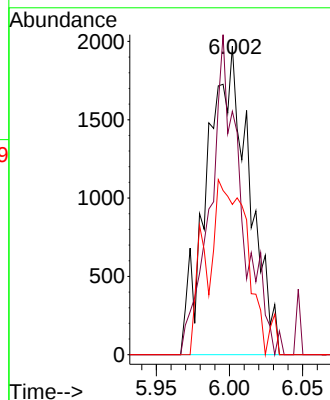
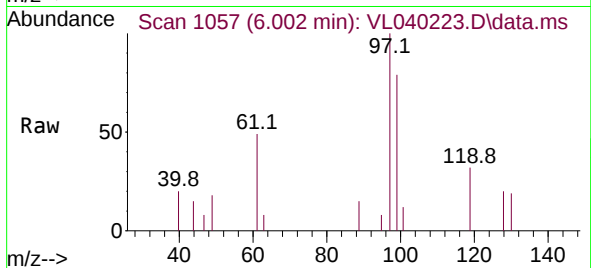
Tgt Ion: 97	Resp: 393
Ion Ratio	Lower Upper
97 100	
99 76.9	51.5 77.3
61 55.6	40.6 60.8

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

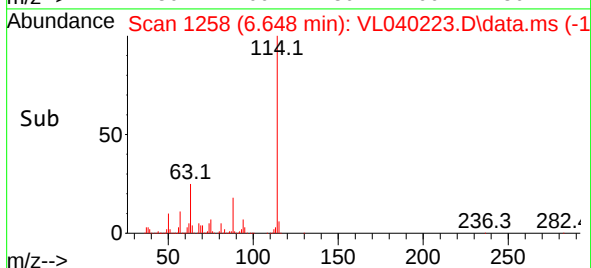
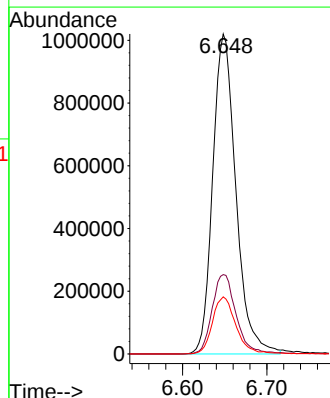
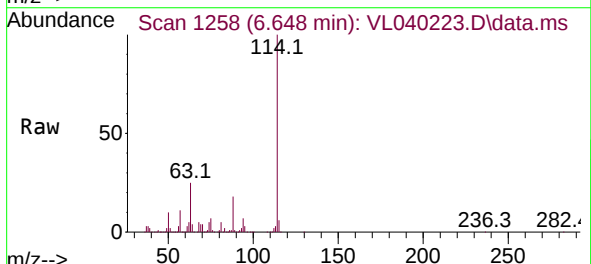
RT: 6.648 min Scan# 1258

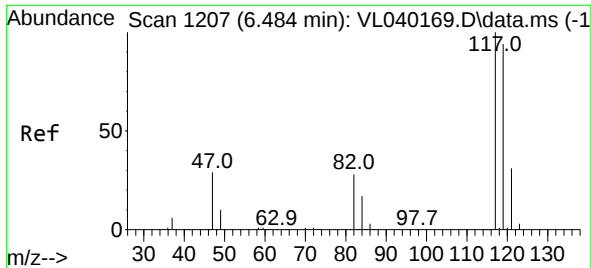
Delta R.T. -0.006 min

Lab File: VL040223.D

Acq: 23 Feb 2023 15:04

Tgt Ion:114	Resp: 1944704
Ion Ratio	Lower Upper
114 100	
63 25.9	20.4 30.6
88 18.3	14.3 21.5





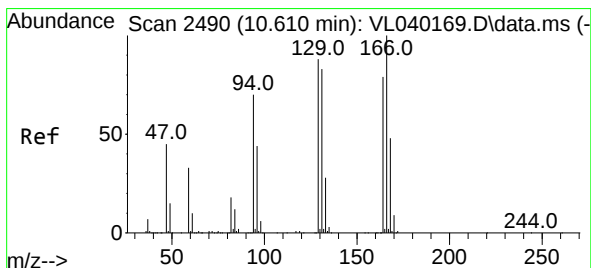
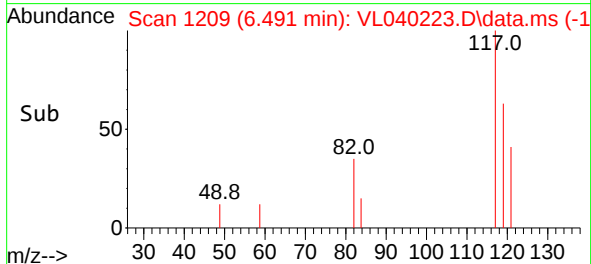
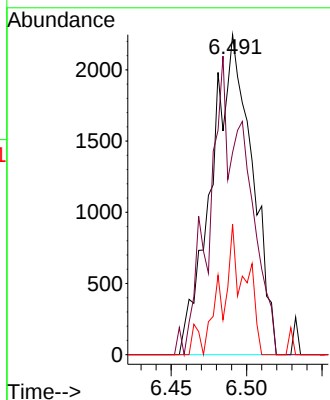
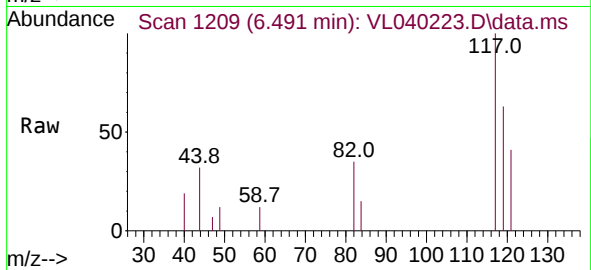
#35
Carbon Tetrachloride
Concen: 0.037 ppbv m
RT: 6.491 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL040223.D
Acq: 23 Feb 2023 15:04

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT1-2023

Tgt Ion:117 Resp: 4229
Ion Ratio Lower Upper
117 100
119 63.2 75.0 112.6
121 40.8 25.0 37.4

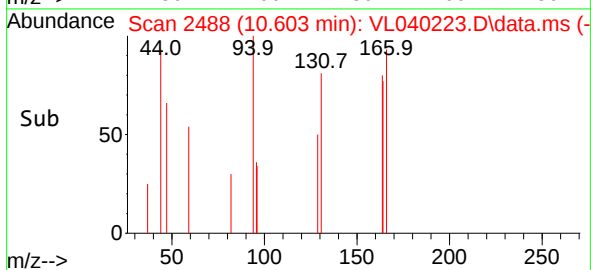
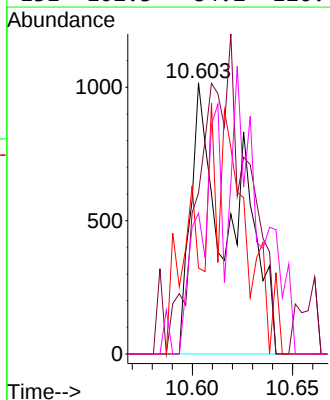
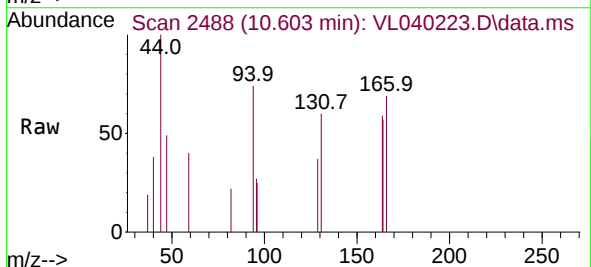
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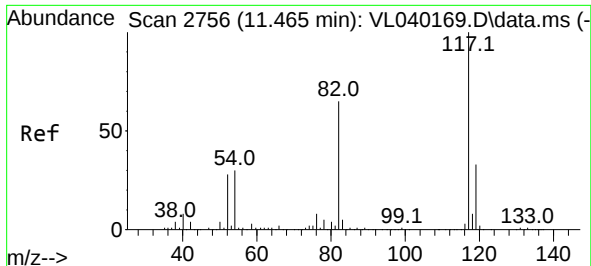
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#52
Tetrachloroethene
Concen: 0.031 ppbv m
RT: 10.603 min Scan# 2488
Delta R.T. -0.016 min
Lab File: VL040223.D
Acq: 23 Feb 2023 15:04

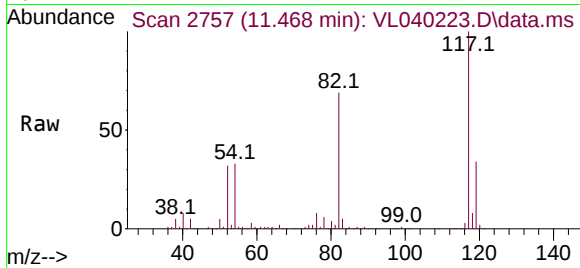
Tgt Ion:164 Resp: 1442
Ion Ratio Lower Upper
164 100
166 117.1 101.5 152.3
129 62.4 89.0 133.4
131 102.3 84.2 126.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040223.D
Acq: 23 Feb 2023 15:04

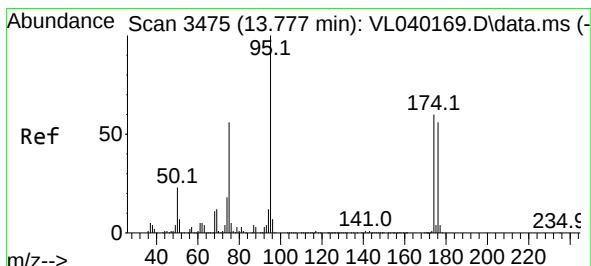
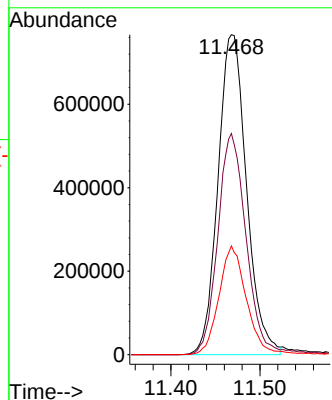
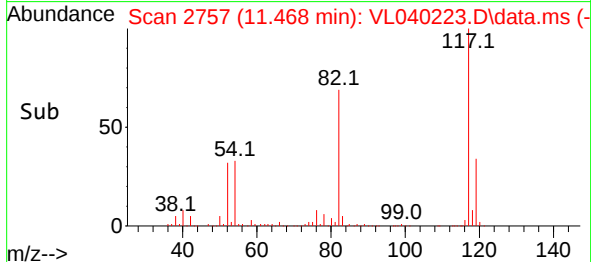
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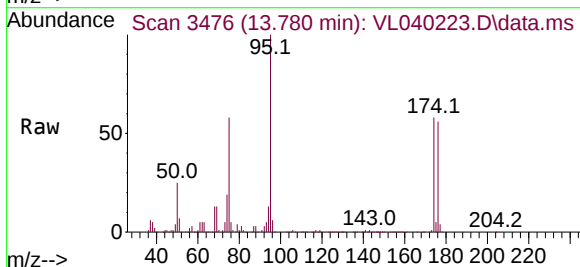
Tgt Ion: 117 Resp: 1705338
Ion Ratio Lower Upper
117 100
82 69.4 53.3 79.9
119 33.5 24.6 37.0

Manual Integrations
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Supervised By :Mahesh Dadoda 02/24/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 10.225 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VL040223.D
Acq: 23 Feb 2023 15:04



Tgt Ion: 95 Resp: 1433890
Ion Ratio Lower Upper
95 100
174 58.4 48.2 72.2
175 4.3 3.4 5.2

