

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022323\
 Data File : VL040222.D
 Acq On : 23 Feb 2023 14:26
 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 01:03:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 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	5.188	49	790354	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	1973279	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1756756	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1456058	10.079	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.912	62	1588m	0.033	ppbv	
32) 1,1,1-Trichloroethane	6.002	97	4624m	0.038	ppbv	
35) Carbon Tetrachloride	6.500	117	3813m	0.033	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.063	83	2098m	0.032	ppbv	

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

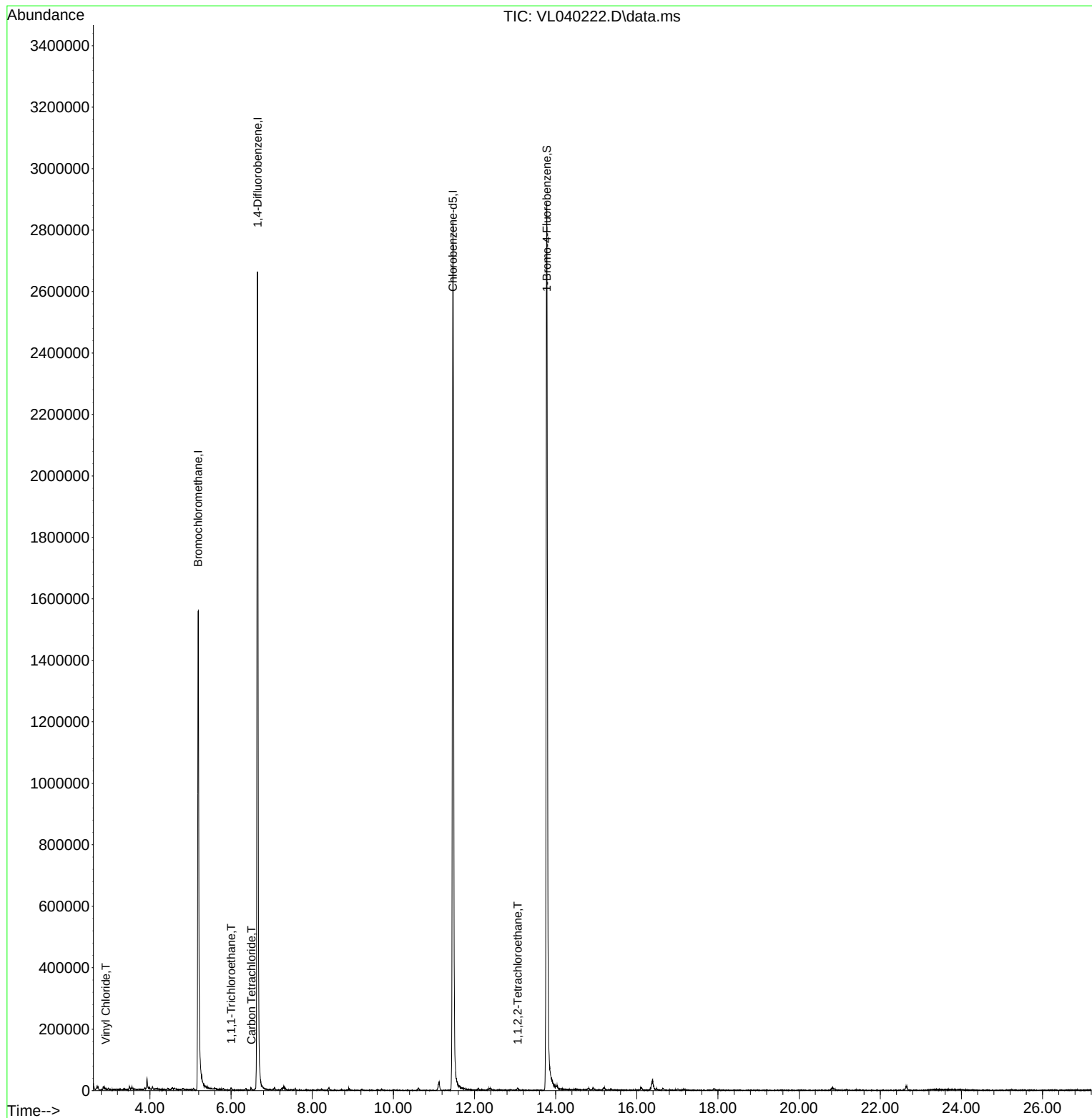
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022323\
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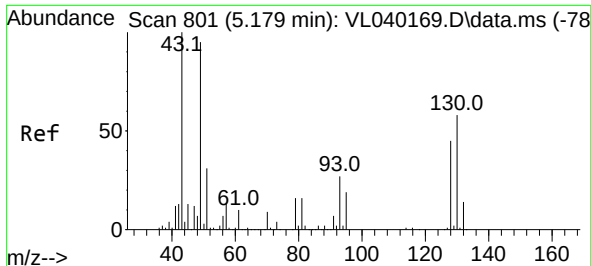
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

Quant Time: Feb 24 01:03:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Feb 24 00:45:34 2023
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.188 min Scan# 80

Delta R.T. -0.001 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

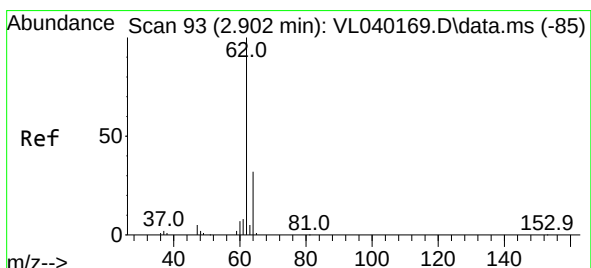
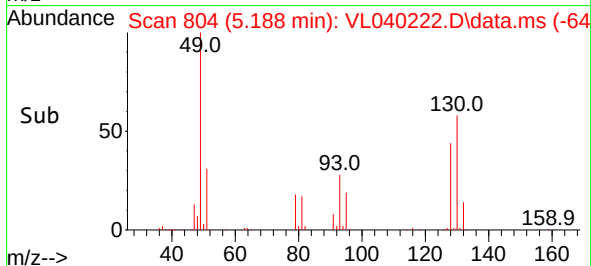
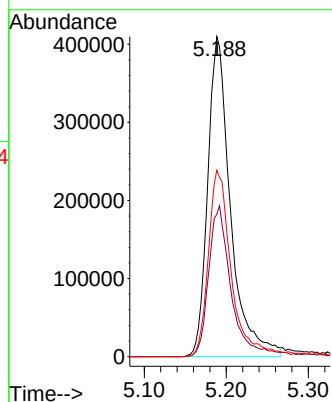
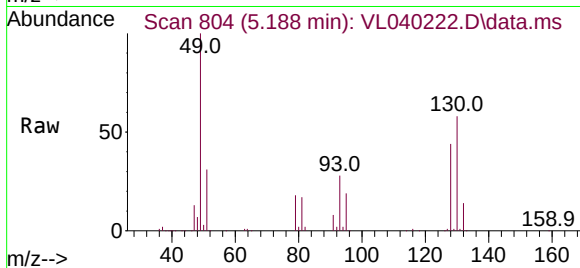
MDL-AIR-03-QT1-2023

Tgt Ion: 49 Resp: 790354
 Ion Ratio Lower Upper
 49 100
 128 47.9 24.1 72.3
 130 60.2 30.9 92.8

Manual Integrations

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#5

Vinyl Chloride

Concen: 0.033 ppbv m

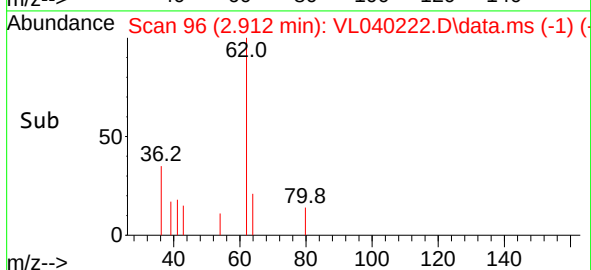
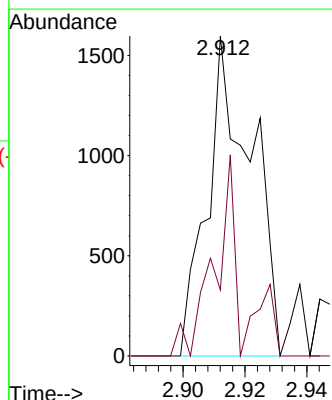
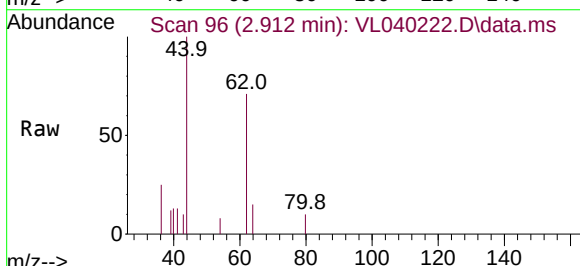
RT: 2.912 min Scan# 96

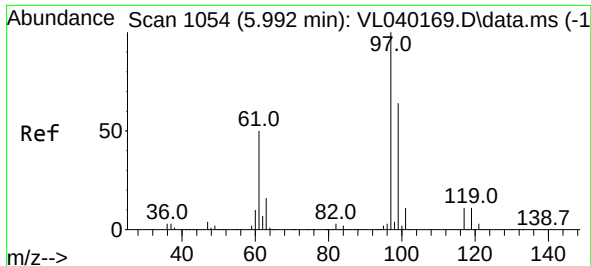
Delta R.T. -0.000 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

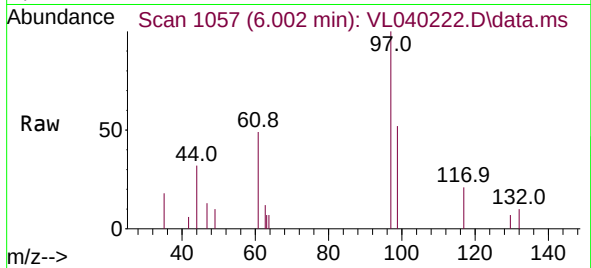
Tgt Ion: 62 Resp: 1588
 Ion Ratio Lower Upper
 62 100
 64 20.6 25.6 38.4#





#32
1,1,1-Trichloroethane
Concen: 0.038 ppbv
RT: 6.002 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

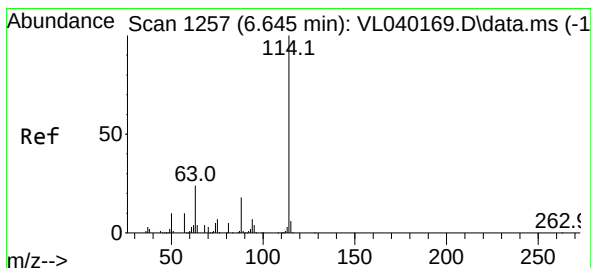
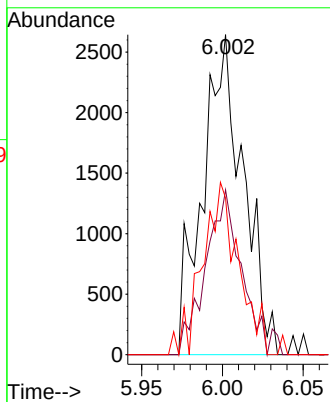
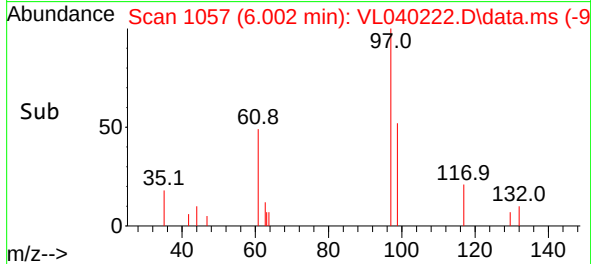
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT1-2023



Tgt Ion: 97 Resp: 4624
Ion Ratio Lower Upper
97 100
99 46.0 51.5 77.3
61 48.4 40.6 60.8

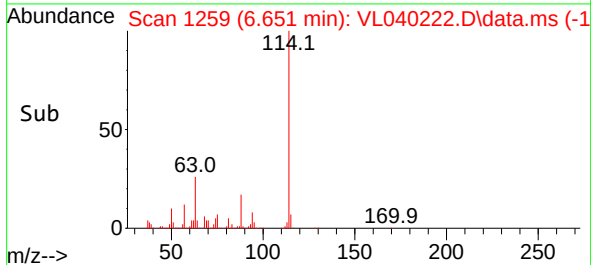
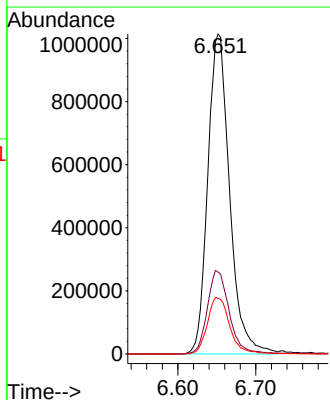
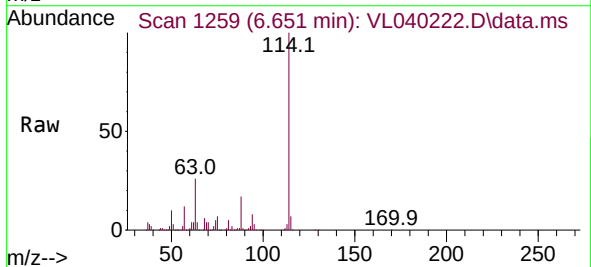
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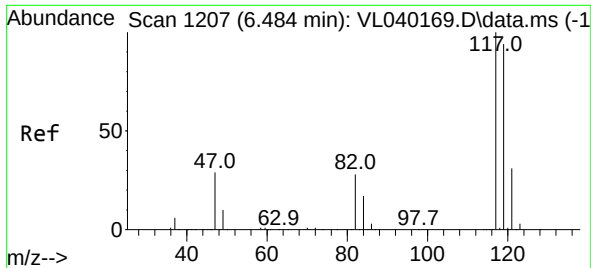
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion:114 Resp: 1973279
Ion Ratio Lower Upper
114 100
63 26.3 20.4 30.6
88 18.1 14.3 21.5





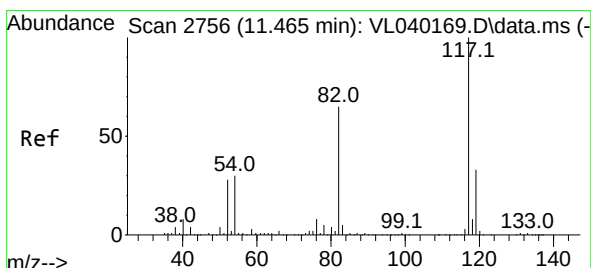
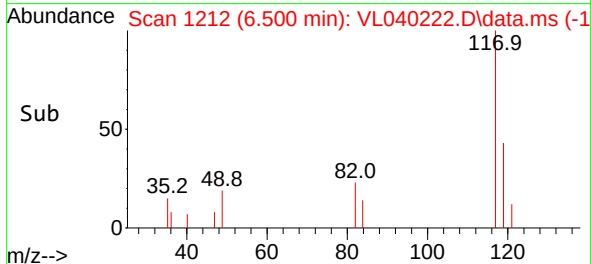
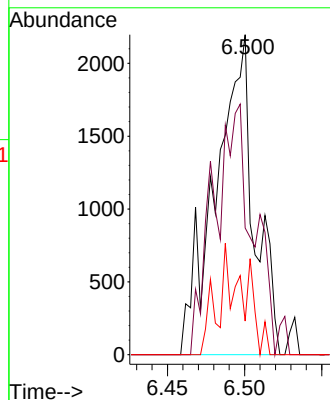
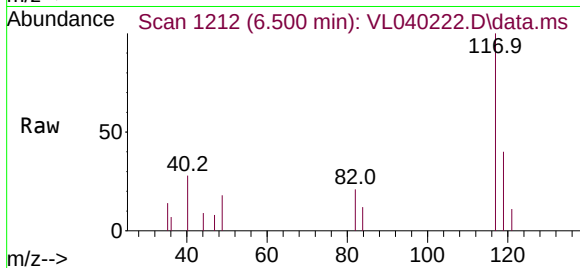
#35
Carbon Tetrachloride
Concen: 0.033 ppbv m
RT: 6.500 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

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

Tgt Ion:117 Resp: 381
Ion Ratio Lower Upper
117 100
119 39.6 75.0 112.6
121 10.5 25.0 37.4

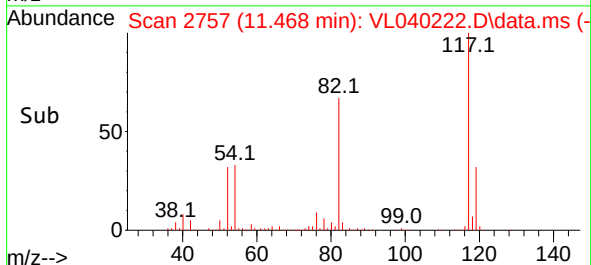
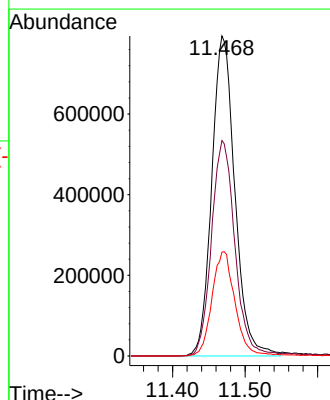
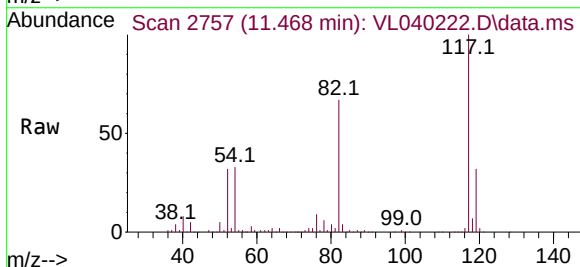
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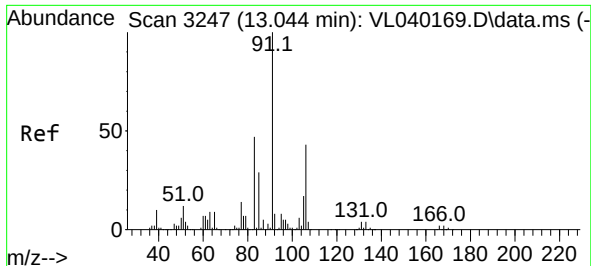
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. -0.006 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

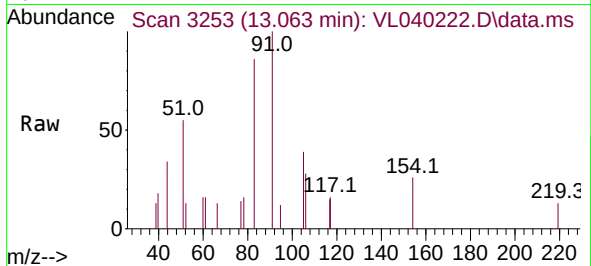
Tgt Ion:117 Resp: 1756756
Ion Ratio Lower Upper
117 100
82 69.0 53.3 79.9
119 32.7 24.6 37.0





#63
1,1,2,2-Tetrachloroethane
Concen: 0.032 ppbv m
RT: 13.063 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

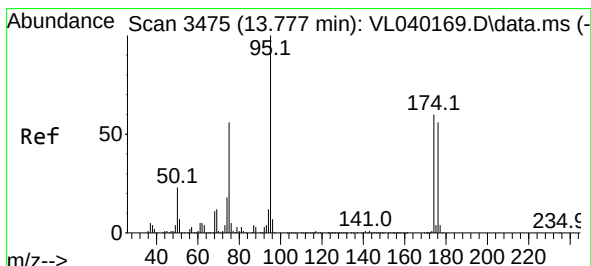
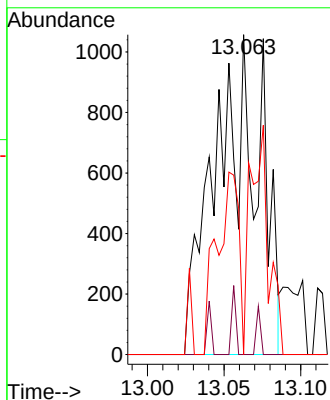
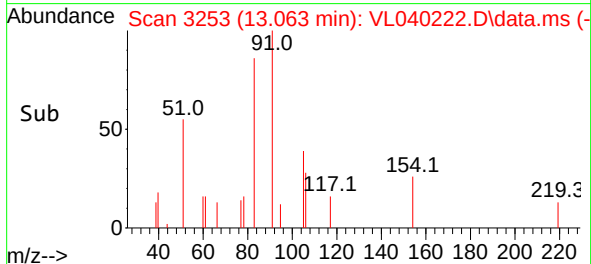
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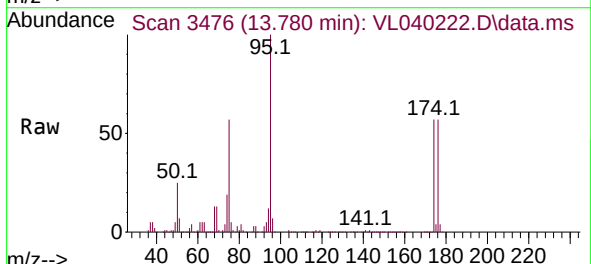
Tgt Ion: 83 Resp: 2098
Ion Ratio Lower Upper
83 100
131 3.6 4.4 13.2
85 31.2 33.0 99.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.079 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26



Tgt Ion: 95 Resp: 1456058
Ion Ratio Lower Upper
95 100
174 59.5 48.2 72.2
175 4.2 3.4 5.2

