

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040207.D
 Acq On : 21 Feb 2023 23:00
 Operator : SY/MD
 Sample : 01627-14 LOQ 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2023

Quant Time: Feb 22 05:08:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Feb 22 03:17:31 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/22/2023
 Supervised By : Mahesh Dadoda 02/23/2023

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

Internal Standards						
1) Bromochloromethane	5.189	49	827096	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.655	114	2079428	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.471	117	1833384	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1524518	10.112	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.915	62	1556m	0.031	ppbv	
35) Carbon Tetrachloride	6.488	117	3900m	0.032	ppbv	
52) Tetrachloroethene	10.613	164	1790m	0.035	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.072	83	2060m	0.030	ppbv	

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

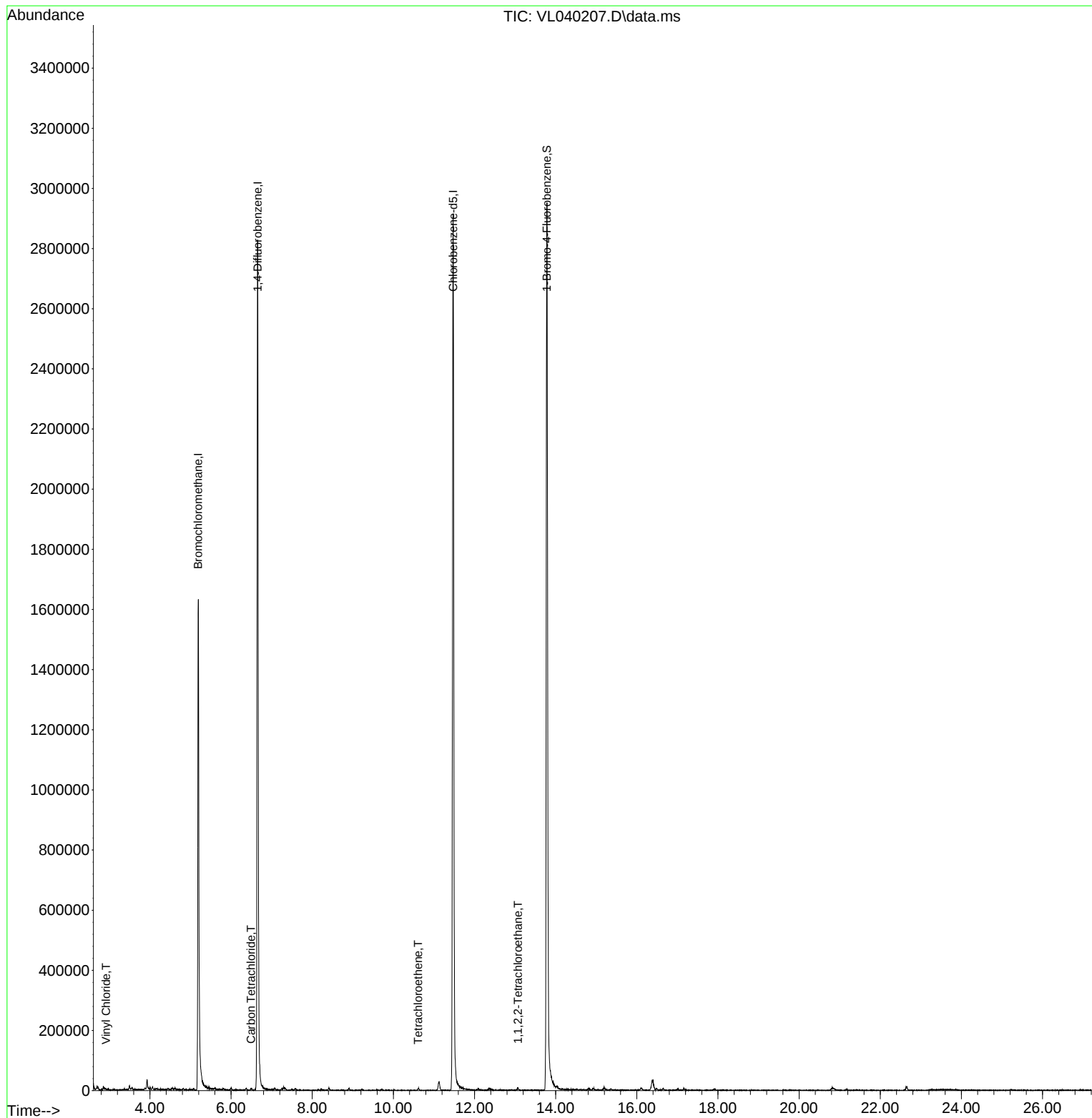
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
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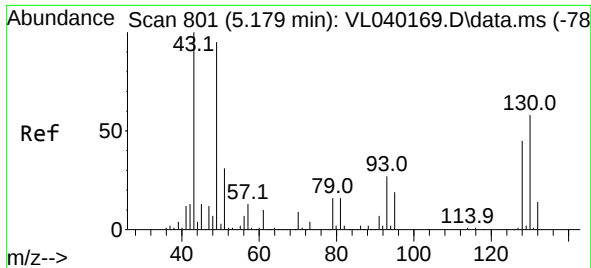
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

Quant Time: Feb 22 05:08:58 2023
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Response via : Initial Calibration

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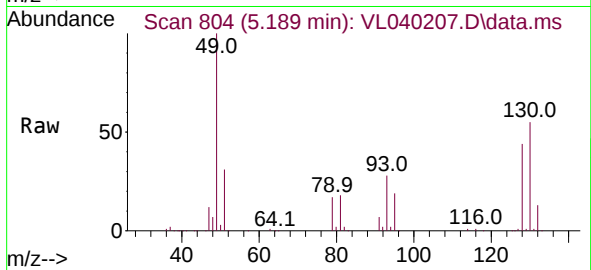
Reviewed By : Semsettin Yesilyurt 02/22/2023
Supervised By : Mahesh Dadoda 02/23/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 801
Delta R.T. -0.016 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

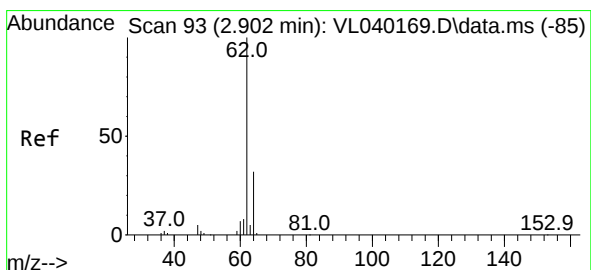
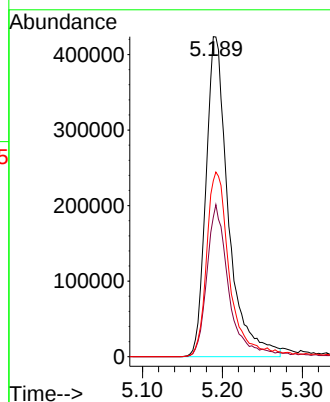
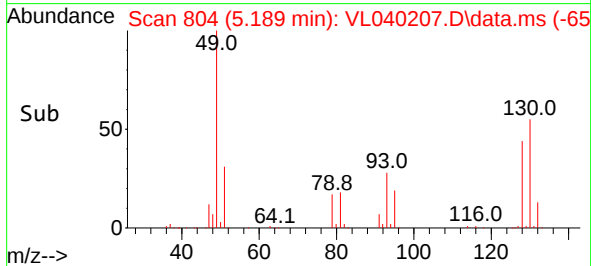
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023



Tgt Ion: 49 Resp: 827090
Ion Ratio Lower Upper
49 100
128 47.9 24.1 72.3
130 61.1 30.9 92.8

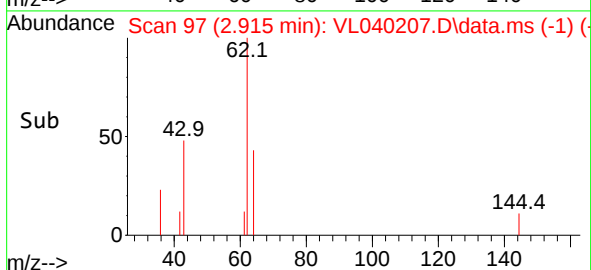
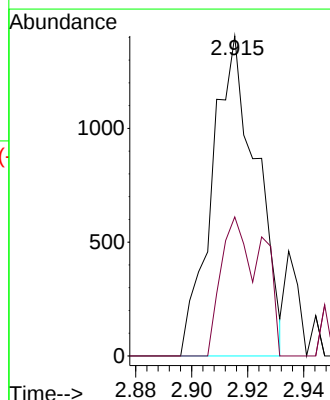
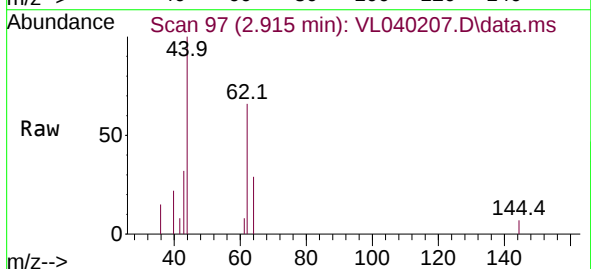
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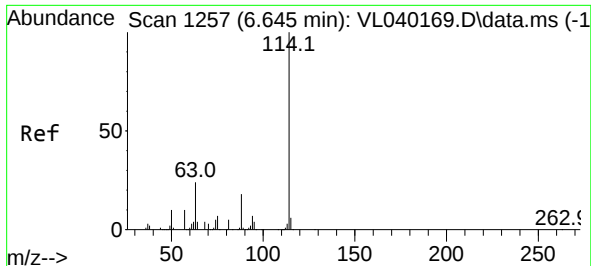
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#5
Vinyl Chloride
Concen: 0.031 ppbv m
RT: 2.915 min Scan# 97
Delta R.T. -0.006 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

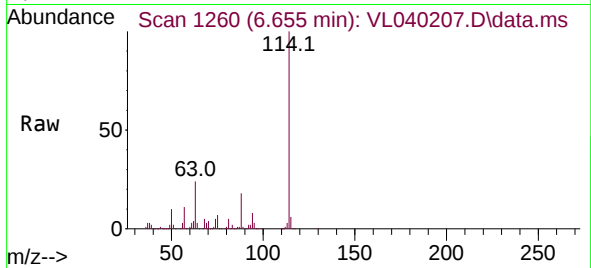
Tgt Ion: 62 Resp: 1556
Ion Ratio Lower Upper
62 100
64 43.5 25.6 38.4#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

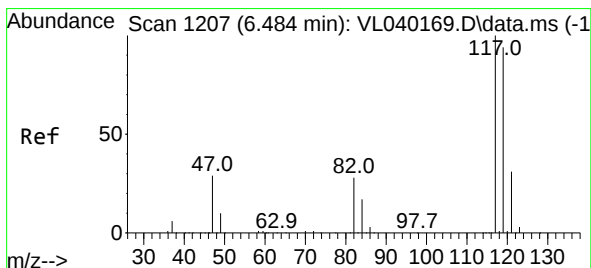
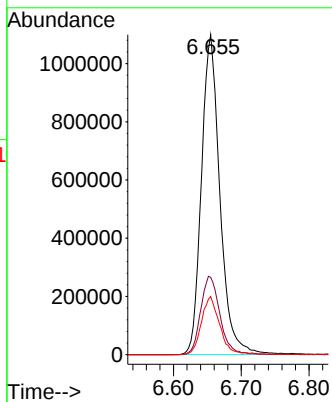
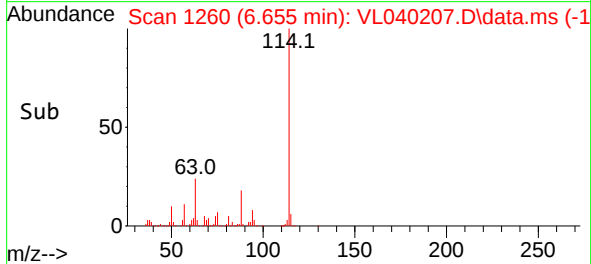
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023



Tgt Ion:114 Resp: 2079428
Ion Ratio Lower Upper
114 100
63 25.7 20.4 30.6
88 18.1 14.3 21.5

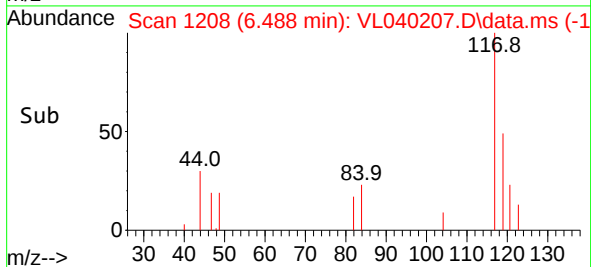
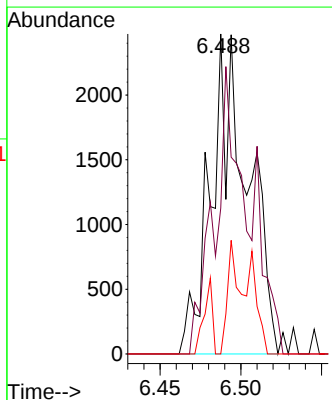
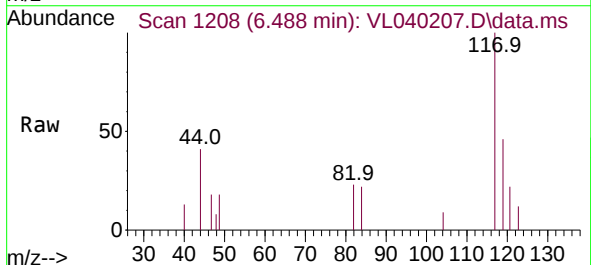
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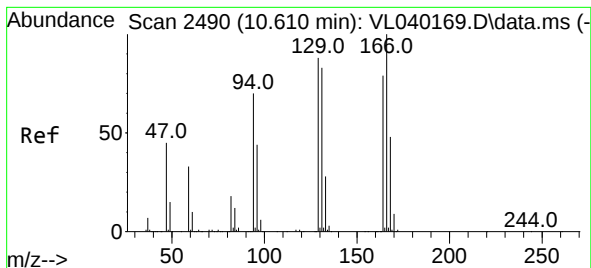
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#35
Carbon Tetrachloride
Concen: 0.032 ppbv m
RT: 6.488 min Scan# 1208
Delta R.T. -0.026 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion:117 Resp: 3900
Ion Ratio Lower Upper
117 100
119 45.6 75.0 112.6#
121 0.0 25.0 37.4#





#52

Tetrachloroethene

Concen: 0.035 ppbv m

RT: 10.613 min Scan# 2490

Delta R.T. -0.029 min

Lab File: VL040207.D

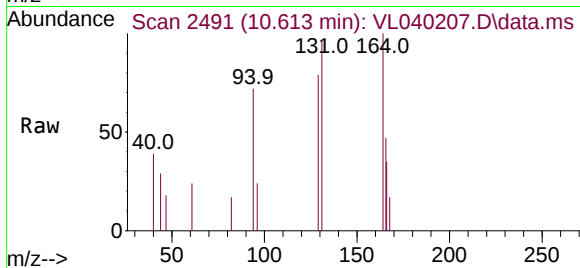
Acq: 21 Feb 2023 23:00

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2023



Tgt Ion:164 Resp: 1790

Ion Ratio Lower Upper

164 100

166 46.8 101.5 152.3

129 79.1 89.0 133.4

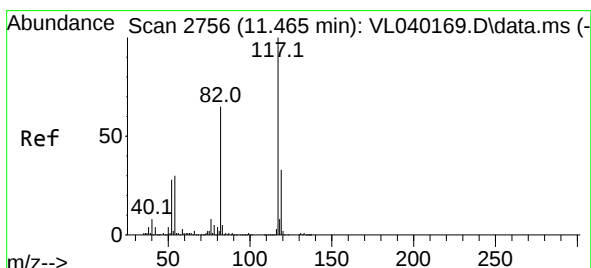
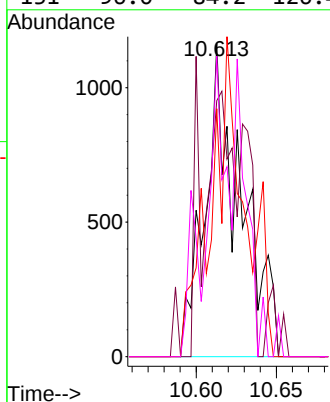
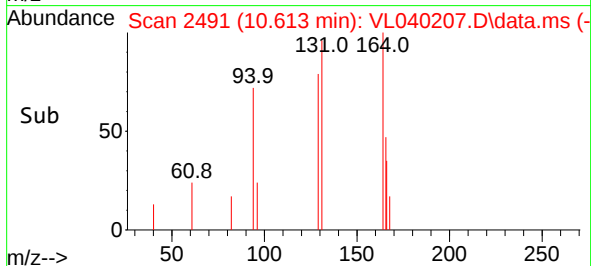
131 96.0 84.2 126.4

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Reviewed By :Semsettin Yesilyurt 02/22/2023

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2758

Delta R.T. -0.023 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

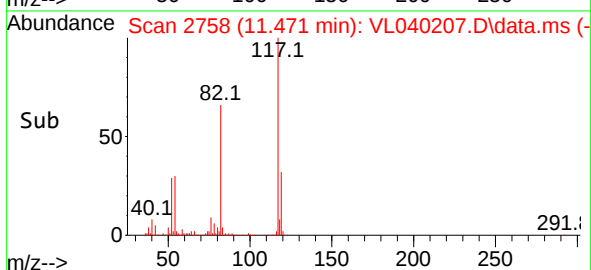
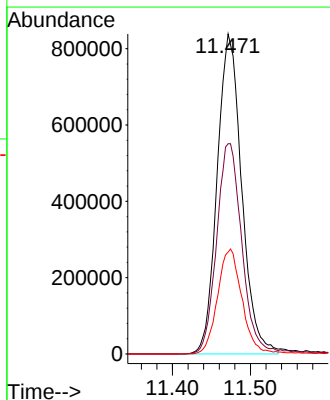
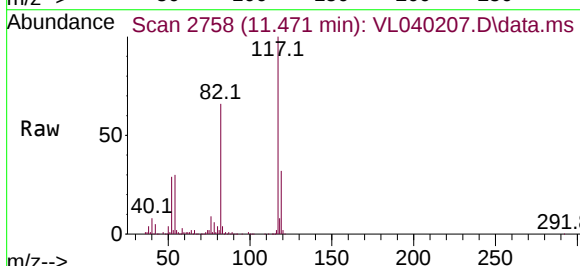
Tgt Ion:117 Resp: 1833384

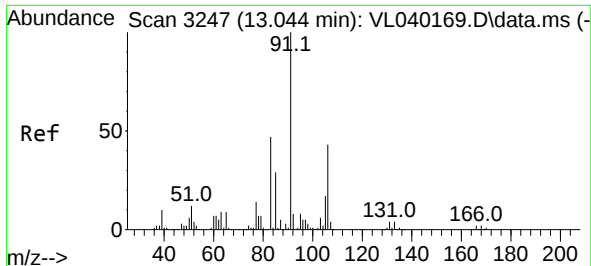
Ion Ratio Lower Upper

117 100

82 68.5 53.3 79.9

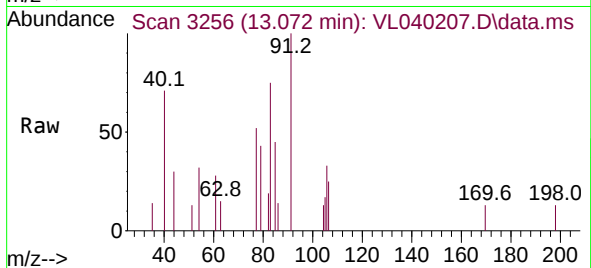
119 33.0 24.6 37.0





#63
1,1,2,2-Tetrachloroethane
Concen: 0.030 ppbv m
RT: 13.072 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

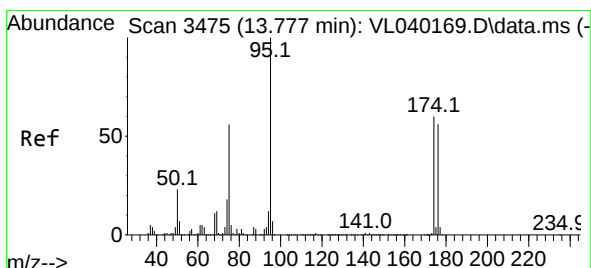
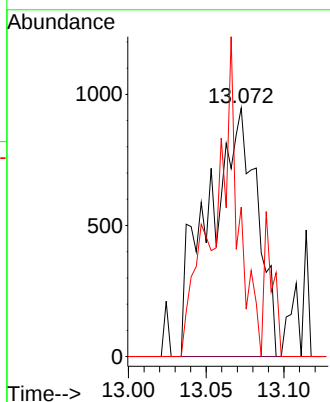
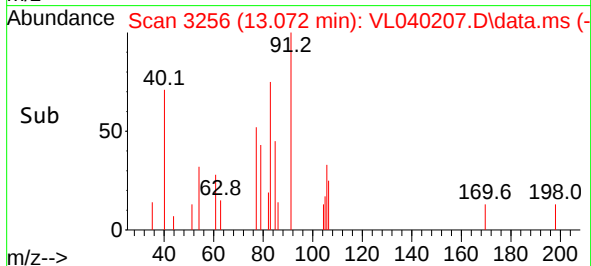
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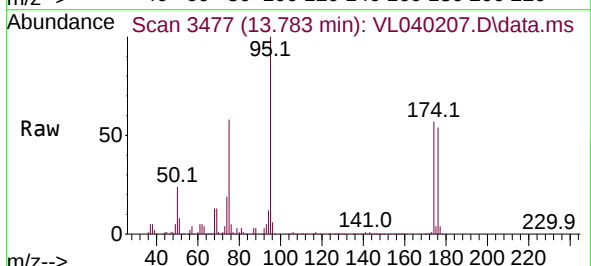
Tgt Ion: 83 Resp: 2060
Ion Ratio Lower Upper
83 100
131 0.0 4.4 13.2
85 0.0 33.0 99.0

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 10.112 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.023 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00



Tgt Ion: 95 Resp: 1524518
Ion Ratio Lower Upper
95 100
174 59.7 48.2 72.2
175 4.1 3.4 5.2

