

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040562.D
 Acq On : 27 Jul 2023 5:28
 Operator : SY/MD
 Sample : 03572-14 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

Quant Time: Jul 27 06:04:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Jul 27 04:45:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	900389	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2203353	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.462	117	1933335	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1569101	10.255	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.500%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.915	62	2042m	0.034	ppbv	
32) 1,1,1-Trichloroethane	5.995	97	5125m	0.034	ppbv	
35) Carbon Tetrachloride	6.491	117	4593m	0.035	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.056	83	5333m	0.037	ppbv	

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

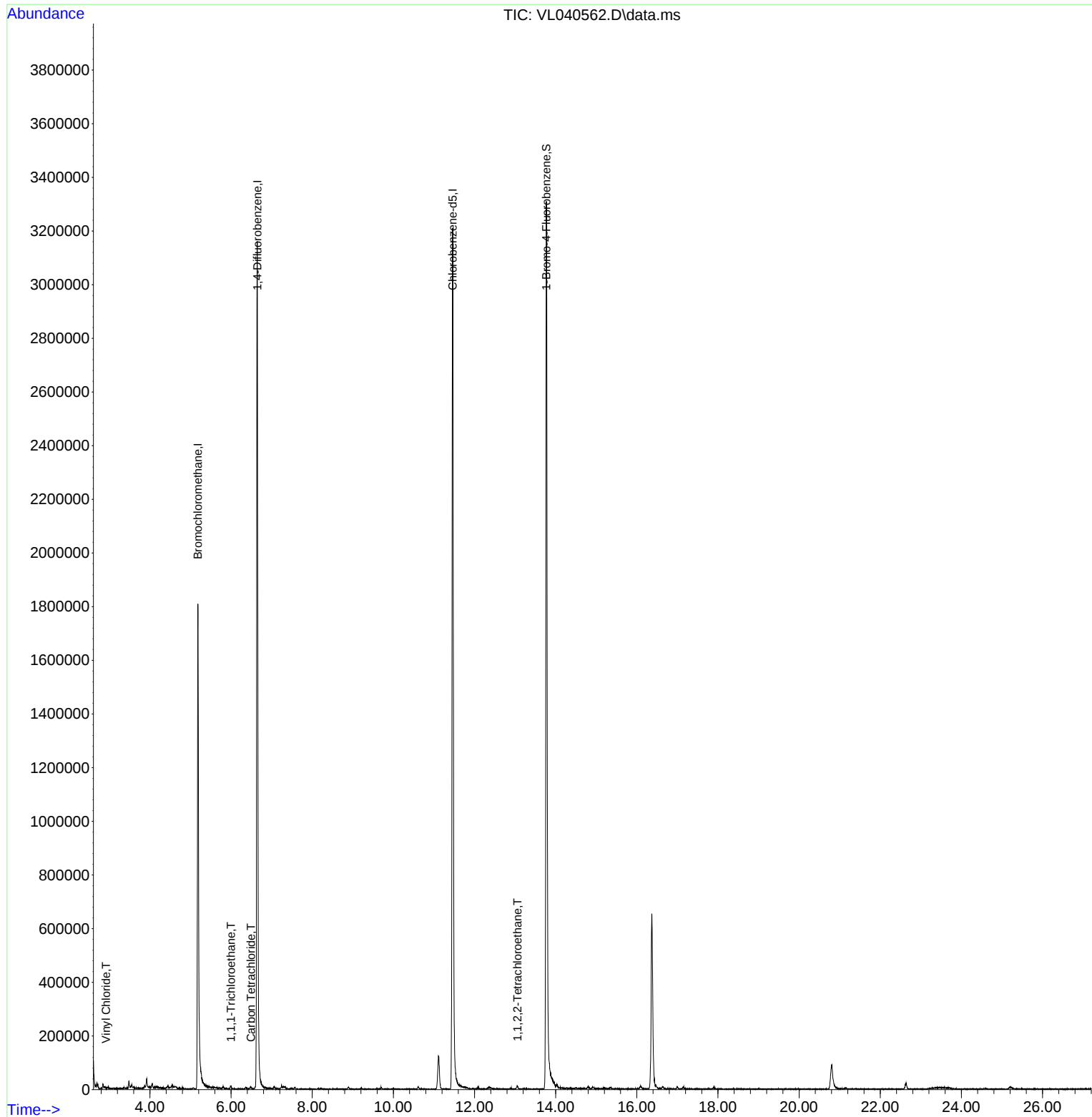
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
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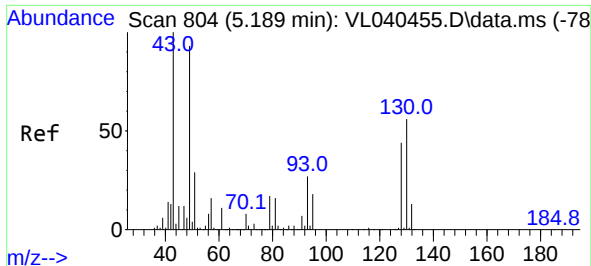
Instrument :
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ClientSampleId :
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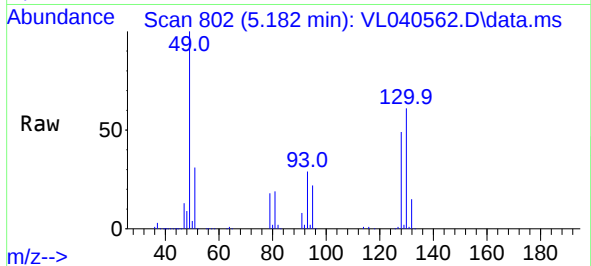
Reviewed By : Semsettin Yesilyurt 07/27/2023
Supervised By : Mahesh Dadoda 07/27/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.020 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

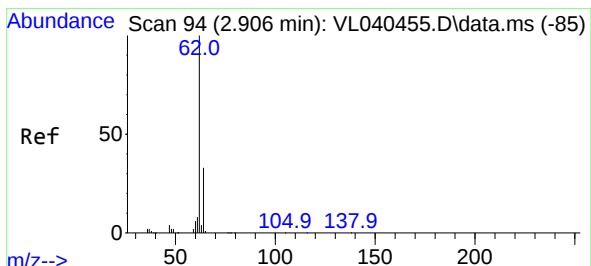
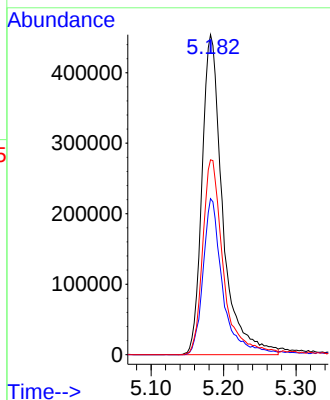
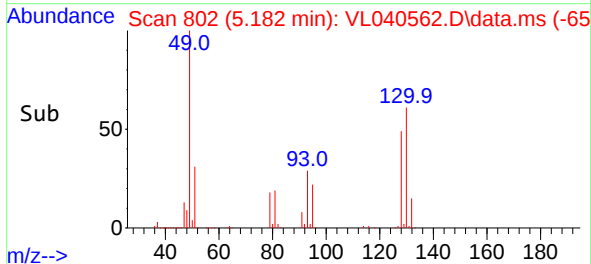
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023



Tgt Ion: 49 Resp: 900389
Ion Ratio Lower Upper
49 100
128 47.3 25.1 75.4
130 62.9 31.6 94.7

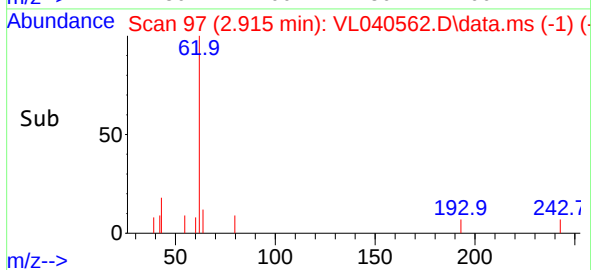
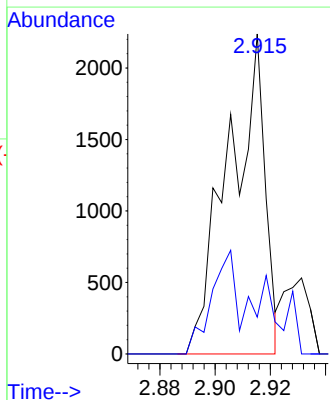
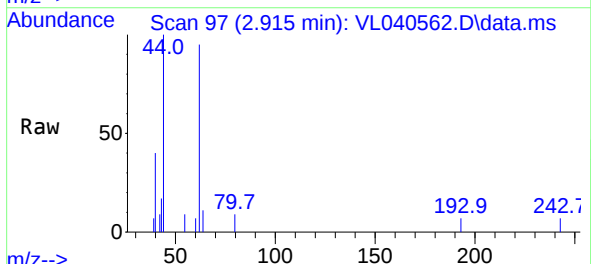
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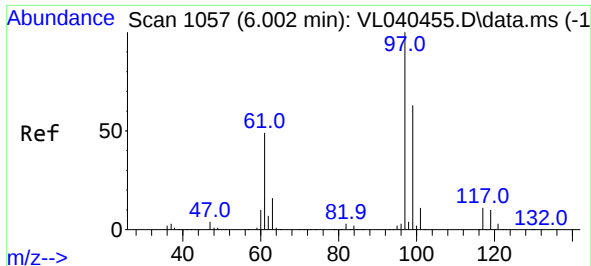
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#5
Vinyl Chloride
Concen: 0.034 ppbv m
RT: 2.915 min Scan# 97
Delta R.T. -0.013 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

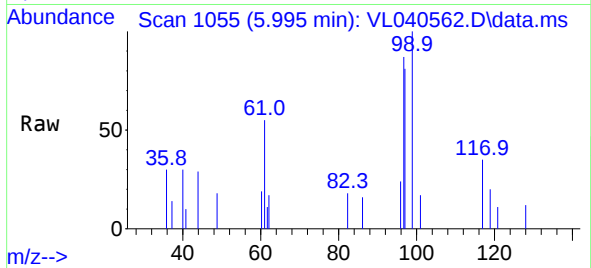
Tgt Ion: 62 Resp: 2042
Ion Ratio Lower Upper
62 100
64 0.0 26.4 39.6#





#32
1,1,1-Trichloroethane
Concen: 0.034 ppbv m
RT: 5.995 min Scan# 1055
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

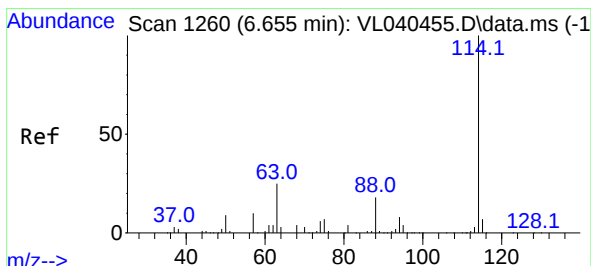
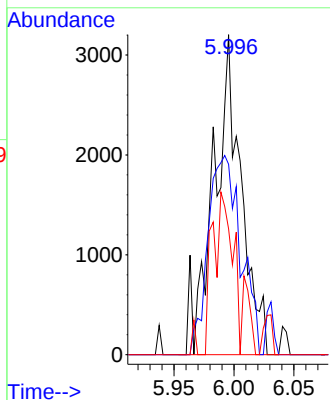
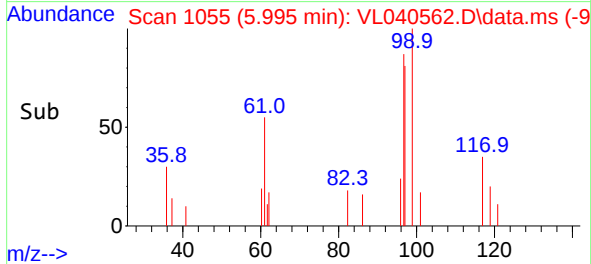
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023



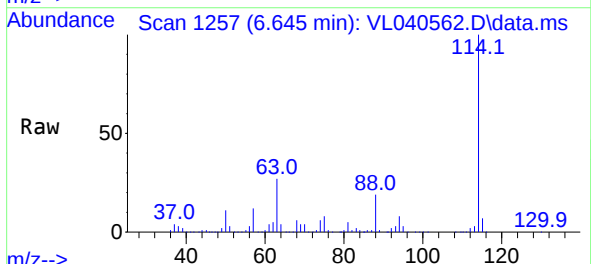
Tgt Ion: 97 Resp: 512
Ion Ratio Lower Upper
97 100
99 78.0 52.0 78.0
61 49.0 38.9 58.3

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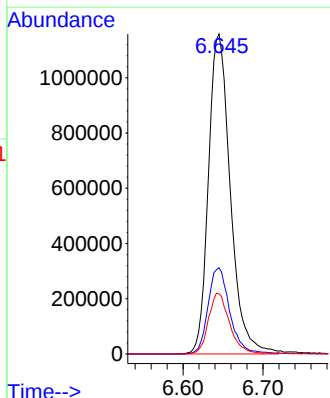
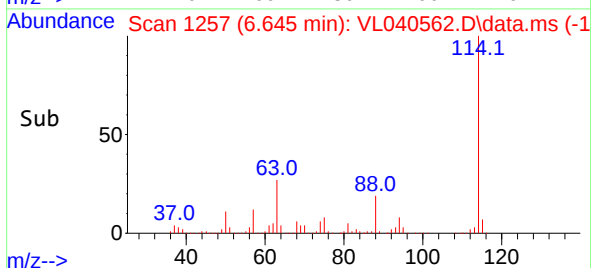
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

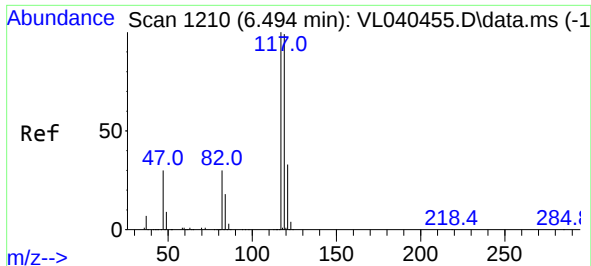


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.019 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28



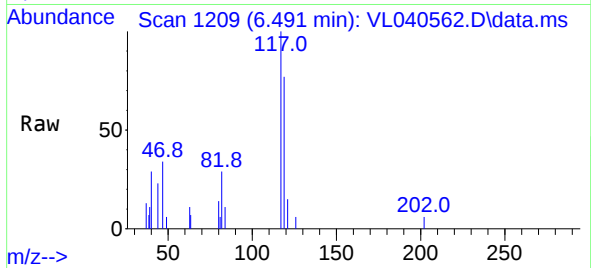
Tgt Ion:114 Resp: 2203353
Ion Ratio Lower Upper
114 100
63 27.1 19.6 29.4
88 18.5 14.2 21.2





#35
Carbon Tetrachloride
Concen: 0.035 ppbv m
RT: 6.491 min Scan# 117
Delta R.T. -0.013 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

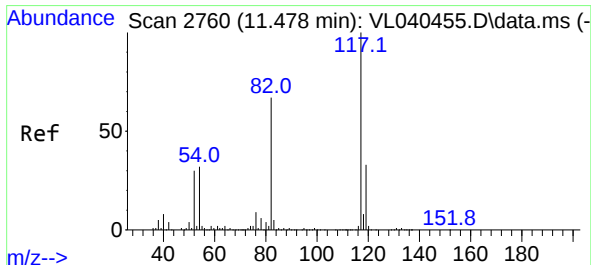
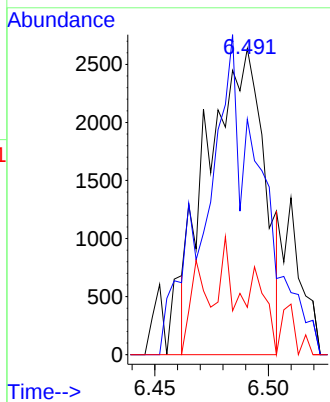
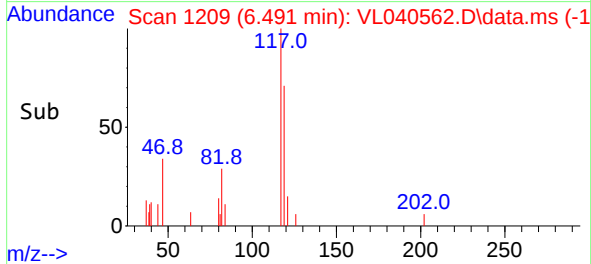
Instrument : MSVOA_L
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LOQ-AIR-02-QT3-2023



Tgt Ion:117 Resp: 459
Ion Ratio Lower Upper
117 100
119 76.9 77.8 116.6
121 15.5 24.8 37.2

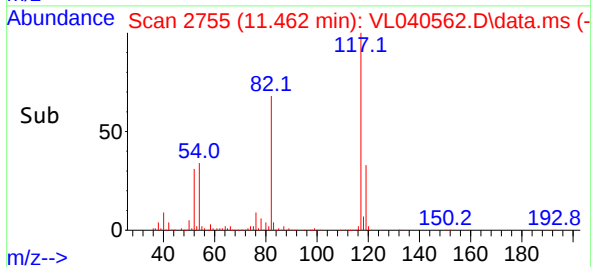
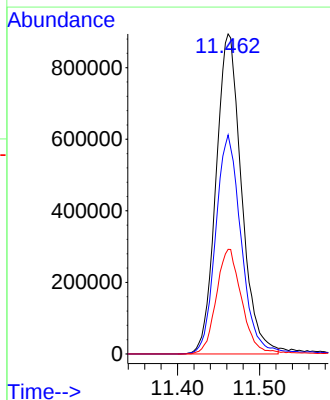
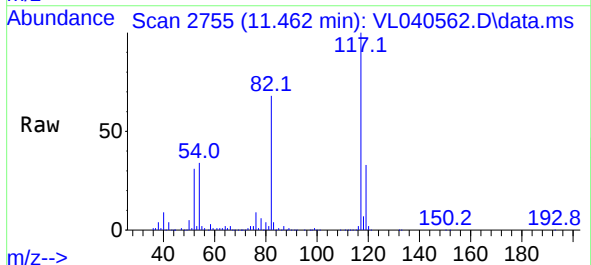
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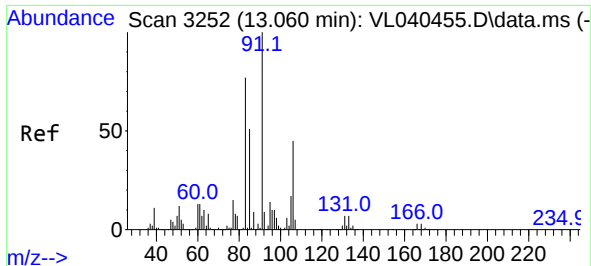
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

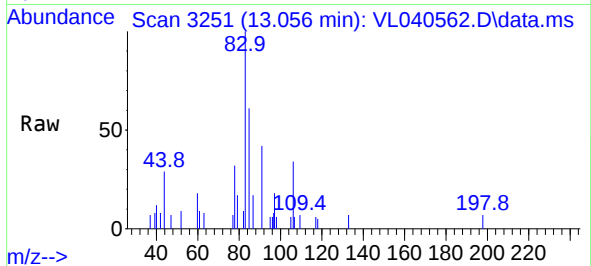
Tgt Ion:117 Resp: 1933335
Ion Ratio Lower Upper
117 100
82 69.6 50.2 75.4
119 33.1 26.9 40.3





#63
1,1,2,2-Tetrachloroethane
Concen: 0.037 ppbv m
RT: 13.056 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

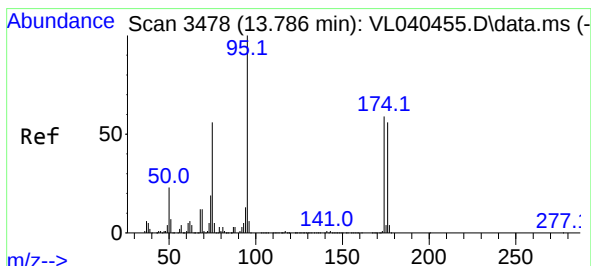
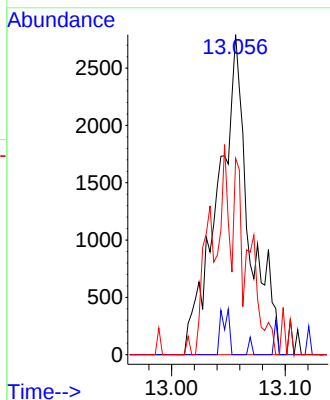
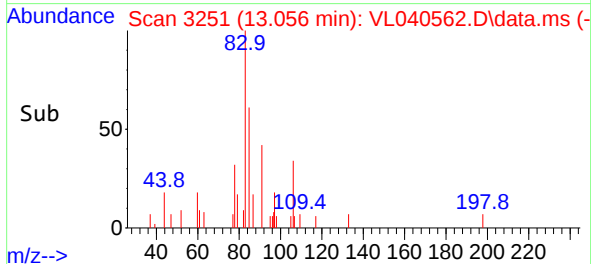
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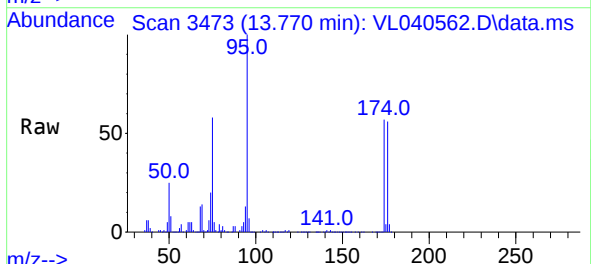
Tgt Ion: 83 Resp: 533
Ion Ratio Lower Upper
83 100
131 3.6 4.6 13.8
85 67.6 32.8 98.3

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Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 10.255 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.013 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28



Tgt Ion: 95 Resp: 1569101
Ion Ratio Lower Upper
95 100
174 60.4 50.6 75.8
175 4.2 3.7 5.5

