

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073123\
 Data File : VL040581.D
 Acq On : 31 Jul 2023 20:41
 Operator : SY/MD
 Sample : 03572-15 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 04:45:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 2023
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1039303	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2622736	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.462	117	2360748	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1936809	10.366	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.700%
Target Compounds						
						Qvalue
5) Vinyl Chloride	2.909	62	2275m	0.033	ppbv	
32) 1,1,1-Trichloroethane	5.999	97	5310m	0.031	ppbv	
35) Carbon Tetrachloride	6.484	117	5214m	0.033	ppbv	

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

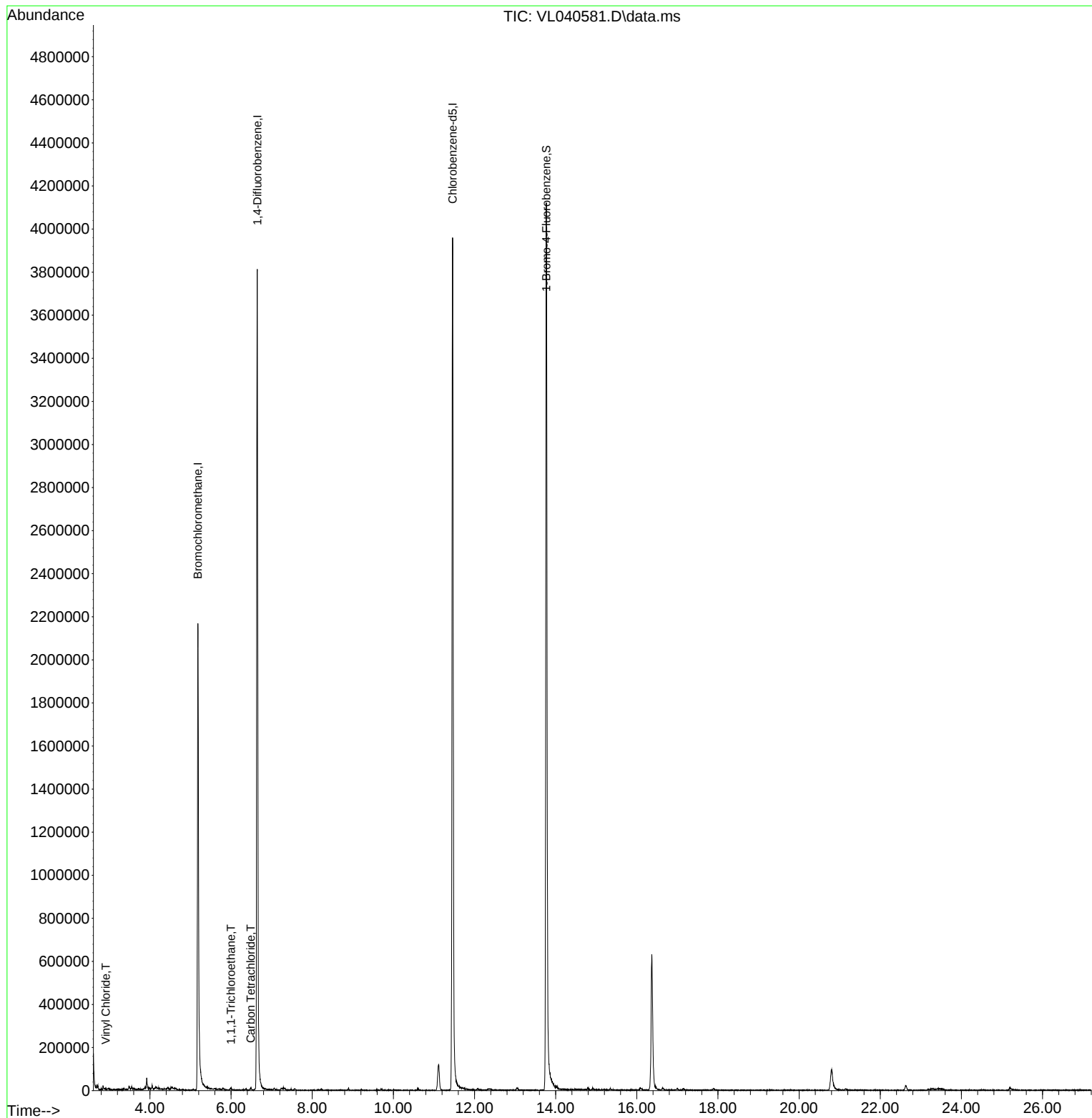
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073123\
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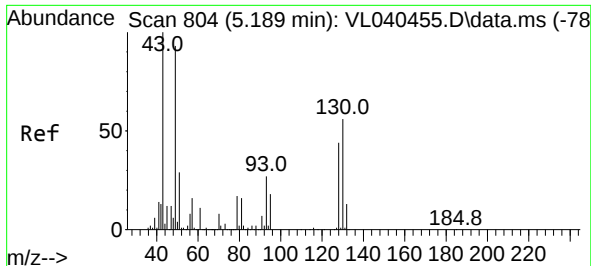
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023

Quant Time: Aug 01 04:45:02 2023
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QLast Update : Mon Jul 10 16:32:00 2023
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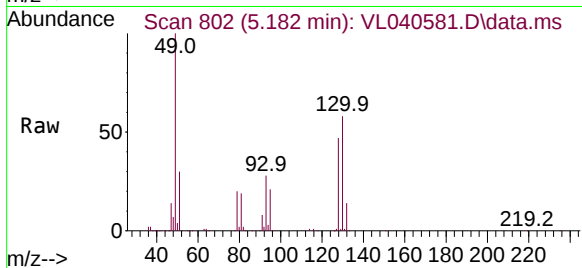
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.020 min
Lab File: VL040581.D
Acq: 31 Jul 2023 20:41

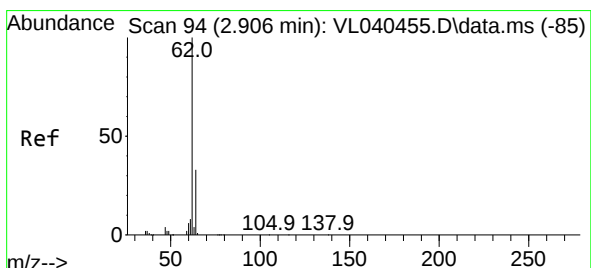
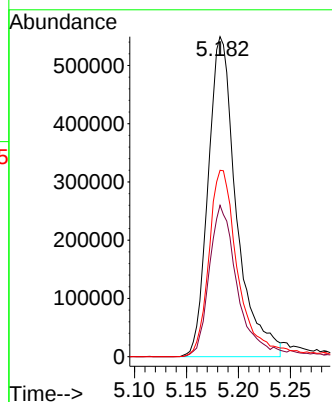
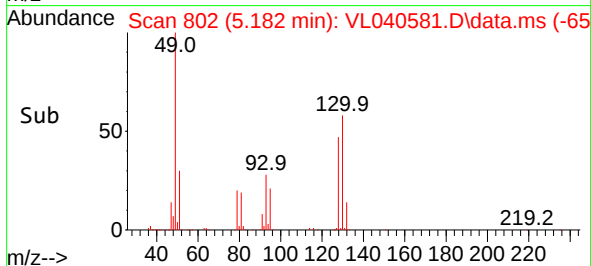
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 49 Resp: 103930
Ion Ratio Lower Upper
49 100
128 48.7 25.1 75.4
130 62.4 31.6 94.7

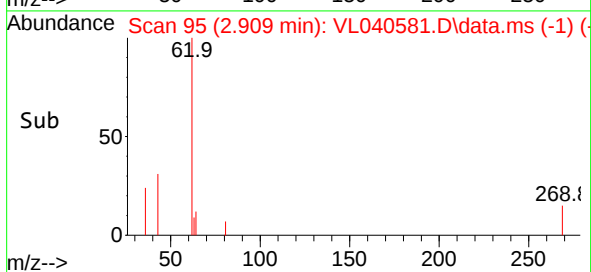
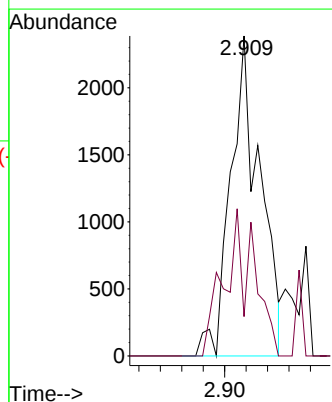
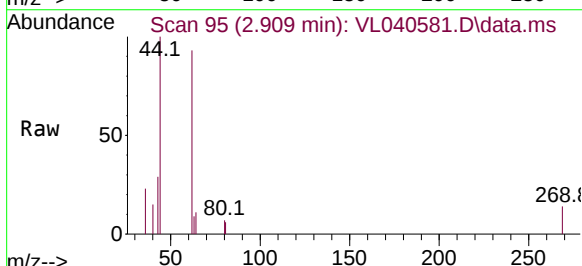
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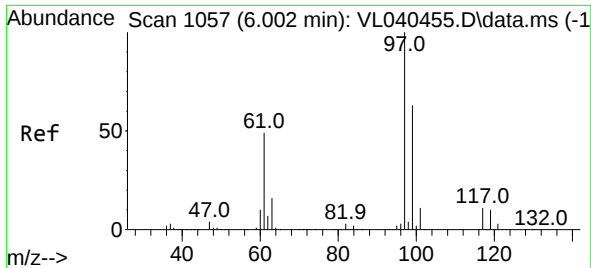
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#5
Vinyl Chloride
Concen: 0.033 ppbv m
RT: 2.909 min Scan# 95
Delta R.T. -0.019 min
Lab File: VL040581.D
Acq: 31 Jul 2023 20:41

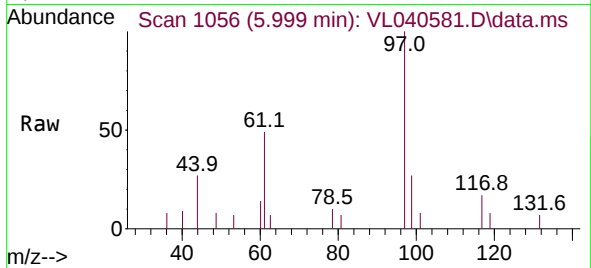
Tgt Ion: 62 Resp: 2275
Ion Ratio Lower Upper
62 100
64 12.3 26.4 39.6#





#32
1,1,1-Trichloroethane
Concen: 0.031 ppbv m
RT: 5.999 min Scan# 1056
Delta R.T. -0.013 min
Lab File: VL040581.D
Acq: 31 Jul 2023 20:41

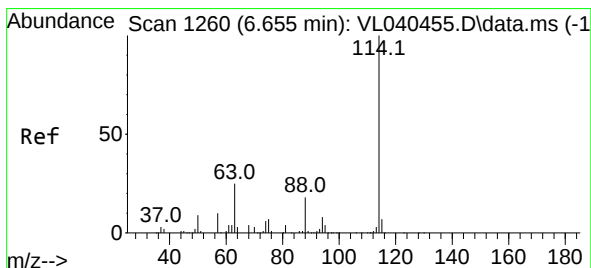
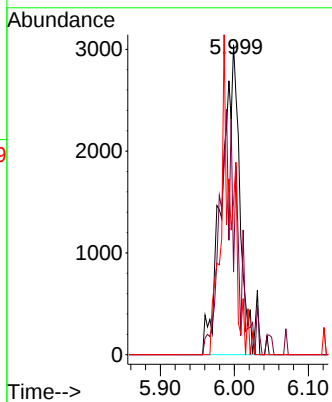
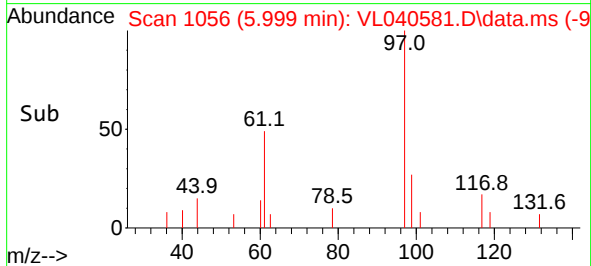
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 97 Resp: 5310
Ion Ratio Lower Upper
97 100
99 74.2 52.0 78.0
61 60.4 38.9 58.3

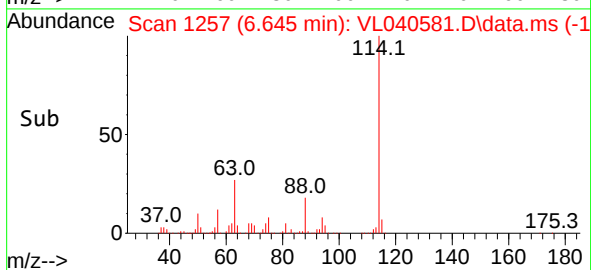
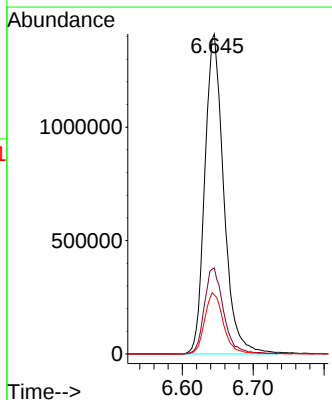
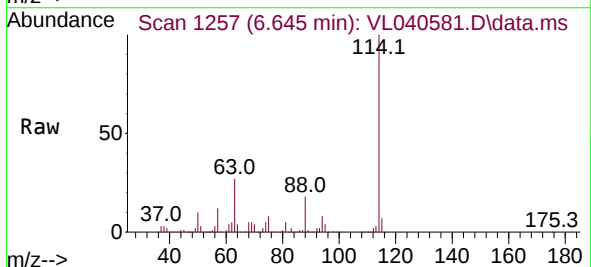
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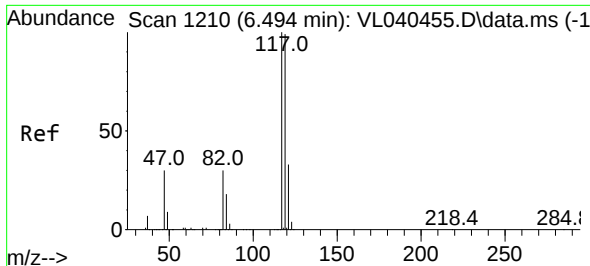
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.019 min
Lab File: VL040581.D
Acq: 31 Jul 2023 20:41

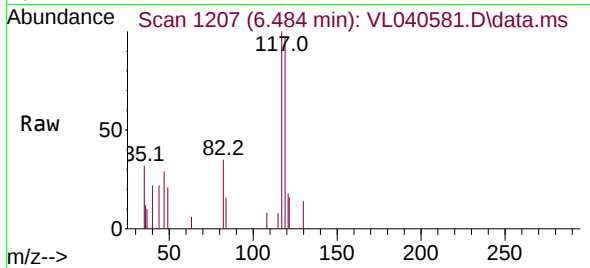
Tgt Ion:114 Resp: 2622736
Ion Ratio Lower Upper
114 100
63 27.5 19.6 29.4
88 19.0 14.2 21.2





#35
Carbon Tetrachloride
Concen: 0.033 ppbv m
RT: 6.484 min Scan# 117
Delta R.T. -0.019 min
Lab File: VL040581.D
Acq: 31 Jul 2023 20:41

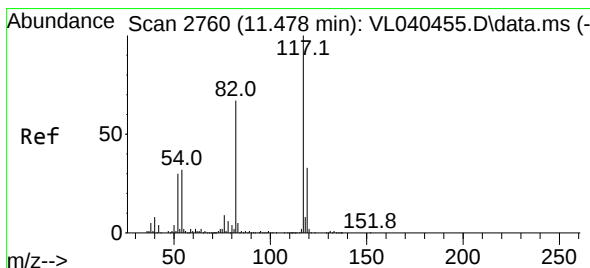
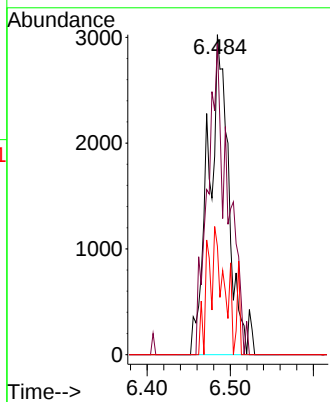
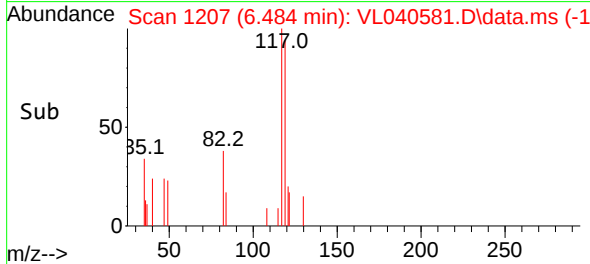
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion:117 Resp: 5214
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6
121 18.3 24.8 37.2

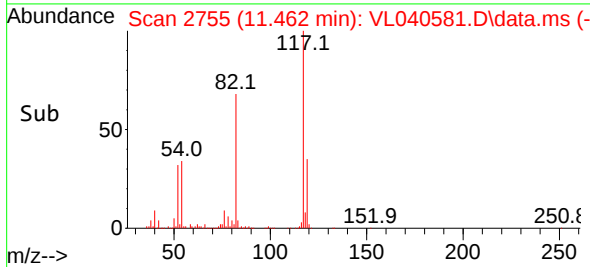
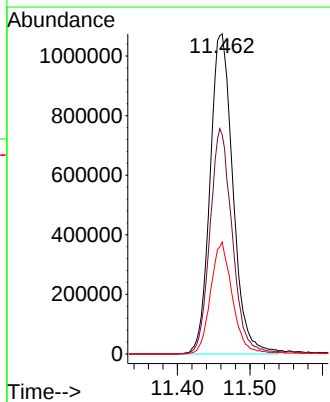
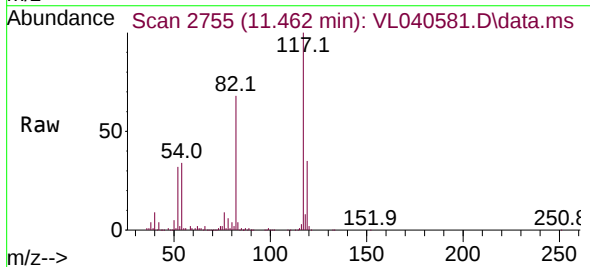
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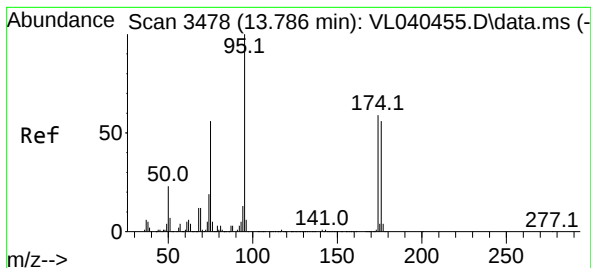
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. -0.016 min
Lab File: VL040581.D
Acq: 31 Jul 2023 20:41

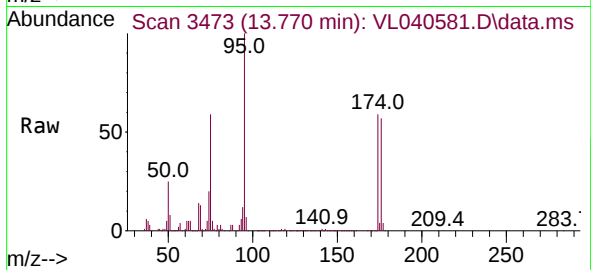
Tgt Ion:117 Resp: 2360748
Ion Ratio Lower Upper
117 100
82 69.2 50.2 75.4
119 33.8 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.366 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.013 min
 Lab File: VL040581.D
 Acq: 31 Jul 2023 20:41

Instrument : MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023



Tgt Ion: 95 Resp: 1936809
 Ion Ratio Lower Upper
 95 100
 174 60.5 50.6 75.8
 175 4.2 3.7 5.5

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