

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039586.D
 Acq On : 25 Aug 2022 20:23
 Operator : SY/AP
 Sample : N3980-15 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

Quant Time: Aug 26 07:39:05 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1011418	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2726462	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2382549	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1706447	9.494	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.900%
Target Compounds						
						Qvalue
32) 1,1,1-Trichloroethane	6.002	97	4244m	0.031	ppbv	
38) Trichloroethene	7.304	130	3472m	0.031	ppbv	
52) Tetrachloroethene	10.616	164	2970m	0.038	ppbv	

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

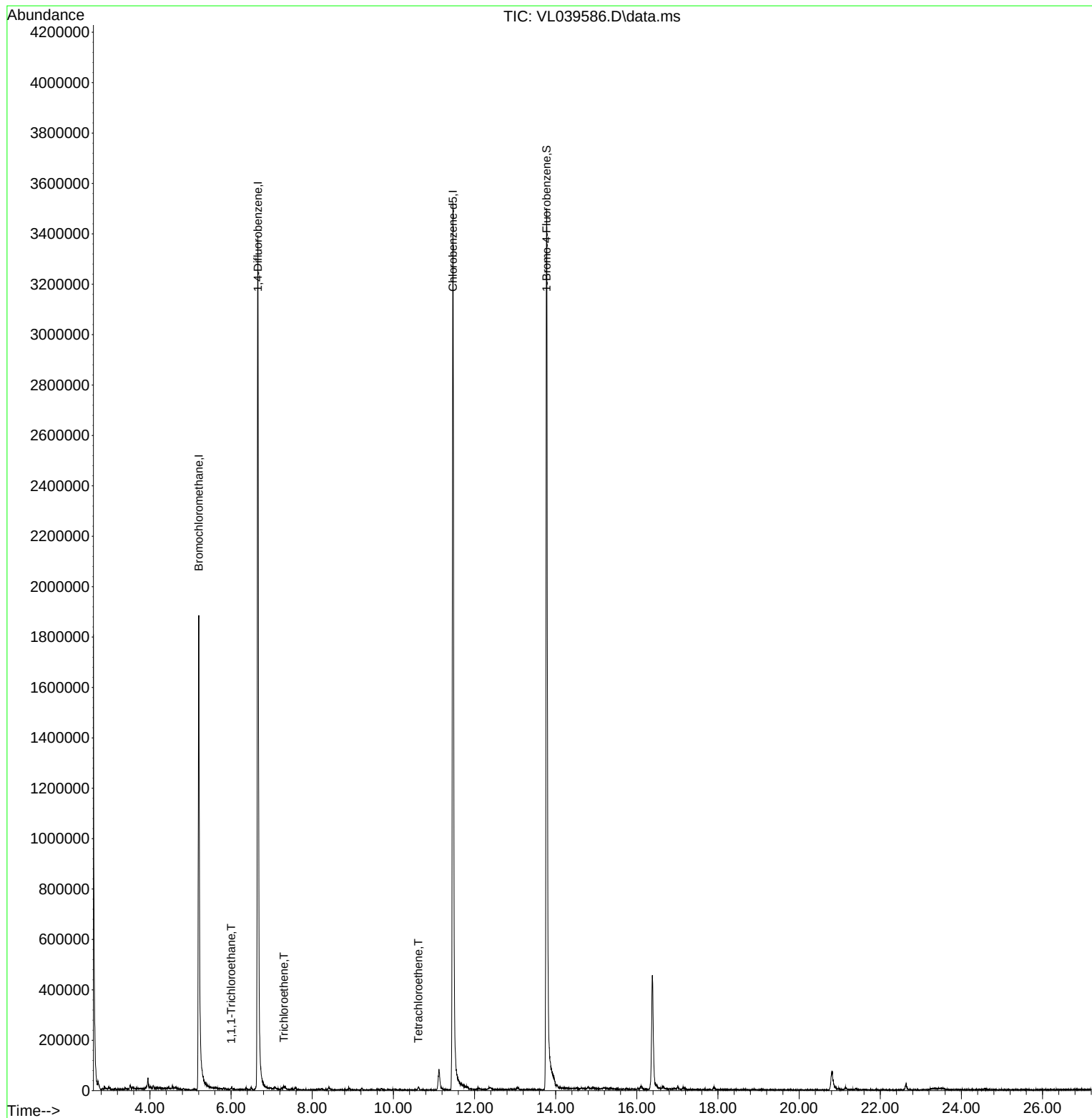
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
Data File : VL039586.D
Acq On : 25 Aug 2022 20:23
Operator : SY/AP
Sample : N3980-15 0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

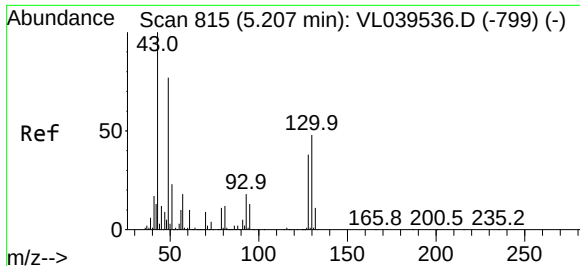
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Quant Time: Aug 26 07:39:05 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Aug 26 06:05:16 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

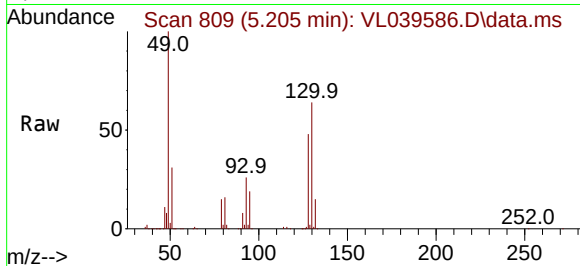
Reviewed By : Mahesh Dadoda 08/29/2022
Supervised By : Semsettin Yesilyurt 08/29/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL039586.D
Acq: 25 Aug 2022 20:23

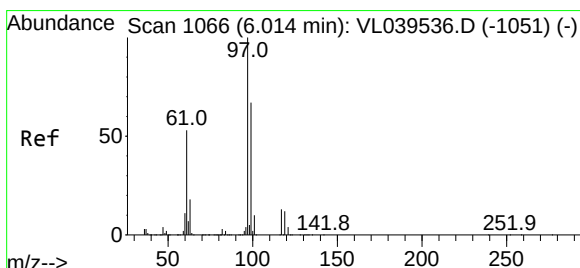
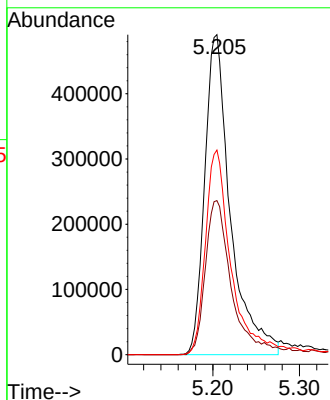
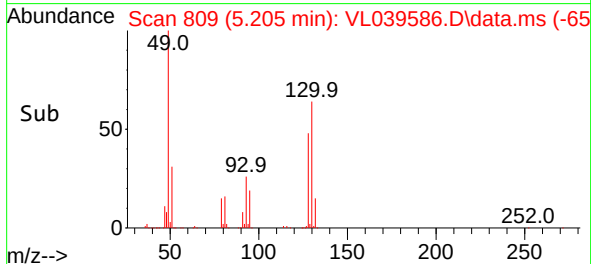
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 49 Resp: 1011418
Ion Ratio Lower Upper
49 100
128 50.1 26.7 80.0
130 67.5 34.3 102.8

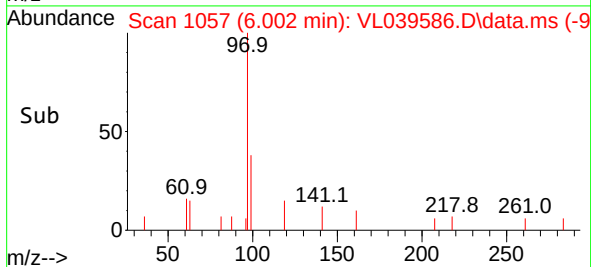
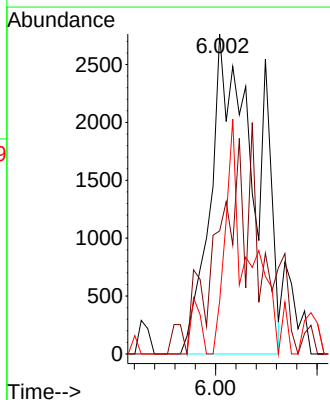
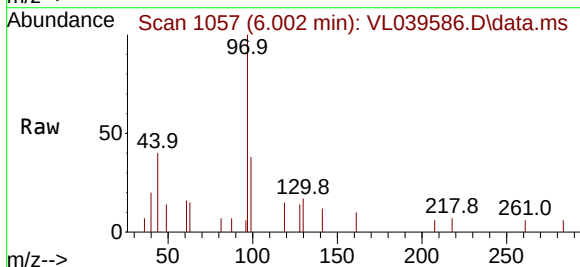
Manual Integrations
APPROVED

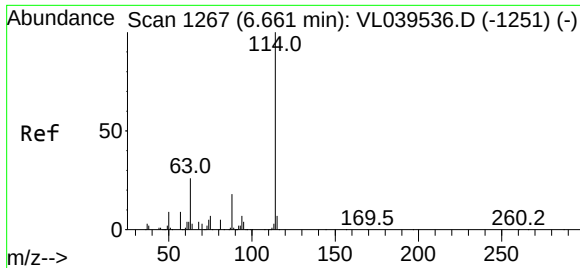
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#32
1,1,1-Trichloroethane
Concen: 0.031 ppbv m
RT: 6.002 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VL039586.D
Acq: 25 Aug 2022 20:23

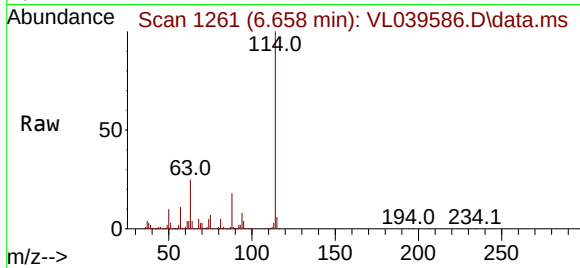
Tgt Ion: 97 Resp: 4244
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5#
61 41.9 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL039586.D
Acq: 25 Aug 2022 20:23

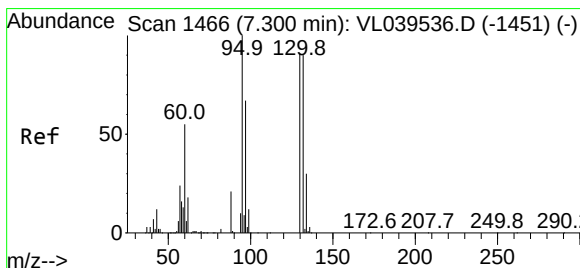
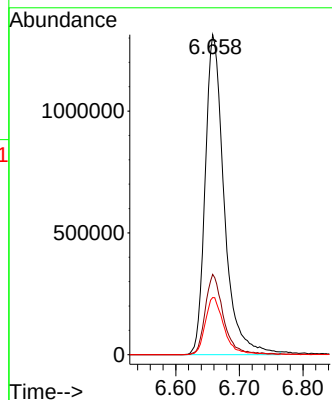
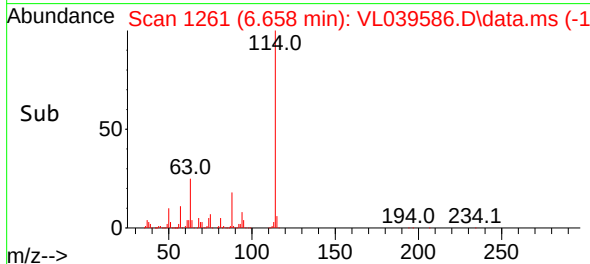
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



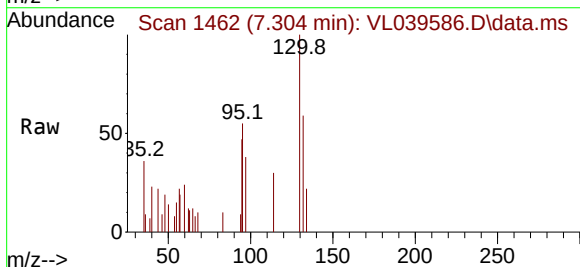
Tgt Ion:114 Resp: 2726462
Ion Ratio Lower Upper
114 100
63 24.4 20.2 30.4
88 17.9 14.5 21.7

Manual Integrations
APPROVED

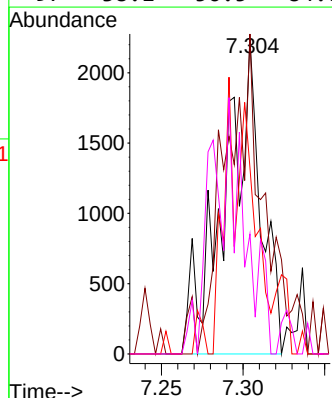
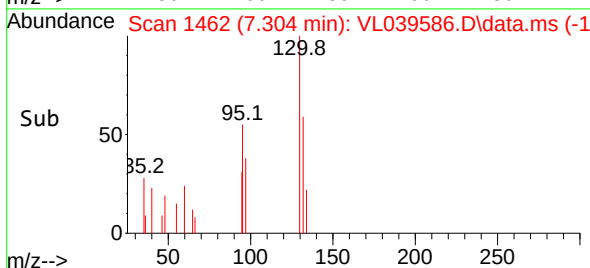
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

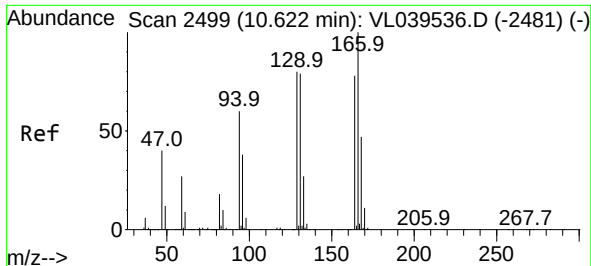


#38
Trichloroethene
Concen: 0.031 ppbv m
RT: 7.304 min Scan# 1462
Delta R.T. 0.004 min
Lab File: VL039586.D
Acq: 25 Aug 2022 20:23



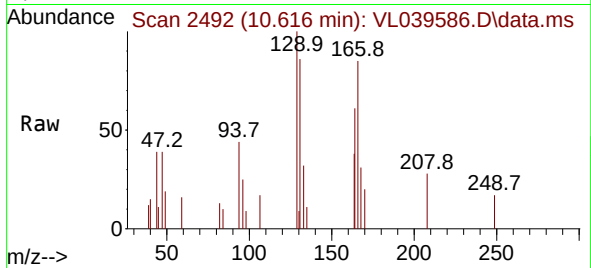
Tgt Ion:130 Resp: 3472
Ion Ratio Lower Upper
130 100
95 54.7 87.3 130.9#
132 59.2 76.7 115.1#
97 38.1 56.5 84.7#





#52
Tetrachloroethene
Concen: 0.038 ppbv m
RT: 10.616 min Scan# 2499
Delta R.T. -0.006 min
Lab File: VL039586.D
Acq: 25 Aug 2022 20:23

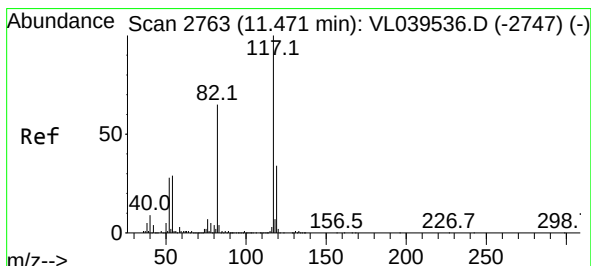
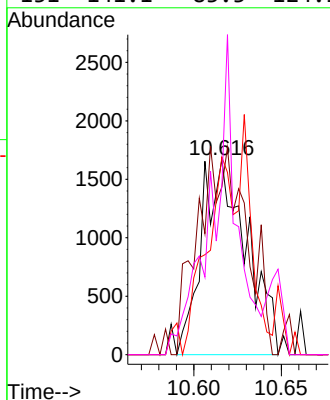
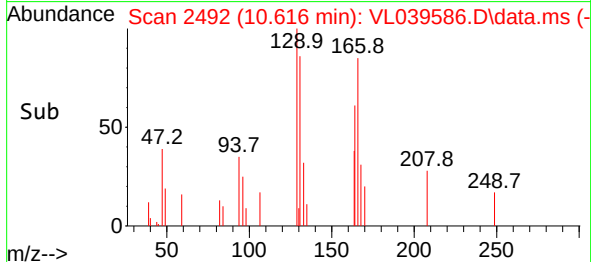
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:164 Resp: 2970
Ion Ratio Lower Upper
164 100
166 140.1 102.2 153.2
129 164.9 85.8 128.8
131 141.1 83.3 124.9#

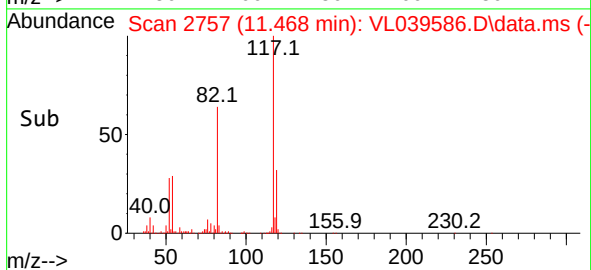
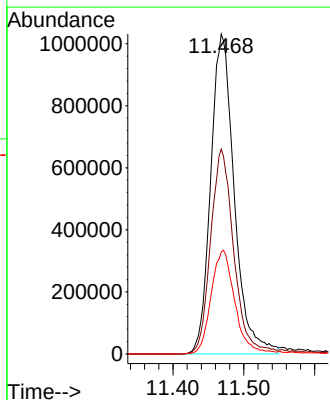
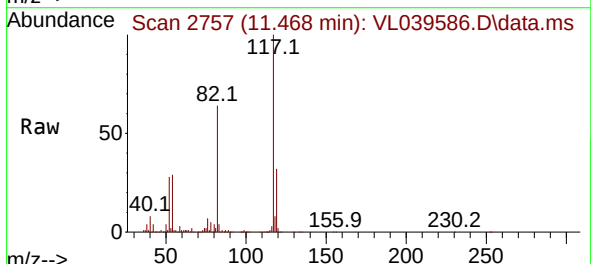
Manual Integrations
APPROVED

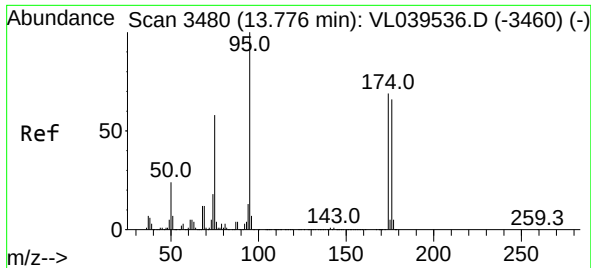
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. -0.003 min
Lab File: VL039586.D
Acq: 25 Aug 2022 20:23

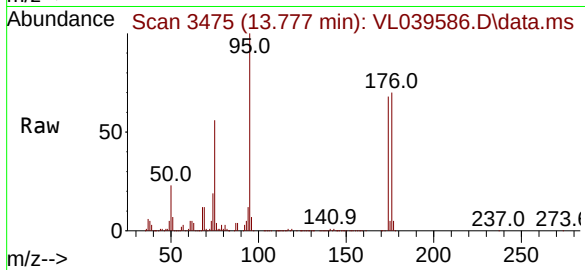
Tgt Ion:117 Resp: 2382549
Ion Ratio Lower Upper
117 100
82 64.8 50.8 76.2
119 33.6 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.494 ppbv
 RT: 13.777 min Scan# 34
 Delta R.T. 0.001 min
 Lab File: VL039586.D
 Acq: 25 Aug 2022 20:23

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion: 95 Resp: 170644
 Ion Ratio Lower Upper
 95 100
 174 75.8 55.9 83.9
 175 5.8 4.2 6.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

