

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038658.D
 Acq On : 21 Mar 2022 20:11
 Operator : SY/AP
 Sample : N1645-15 0.03 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2022DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/22/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 22 03:50:48 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 22 03:50:48 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.664	49	974935	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	2491027	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	2155475	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1590111	9.622	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%
Target Compounds						
5) Vinyl Chloride	3.269	62	1764m	0.031	ppbv	Qvalue
38) Trichloroethene	7.819	130	2832m	0.035	ppbv	
54) 1,2-Dibromoethane	10.606	107	3465m	0.032	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.667	83	5712m	0.035	ppbv	

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

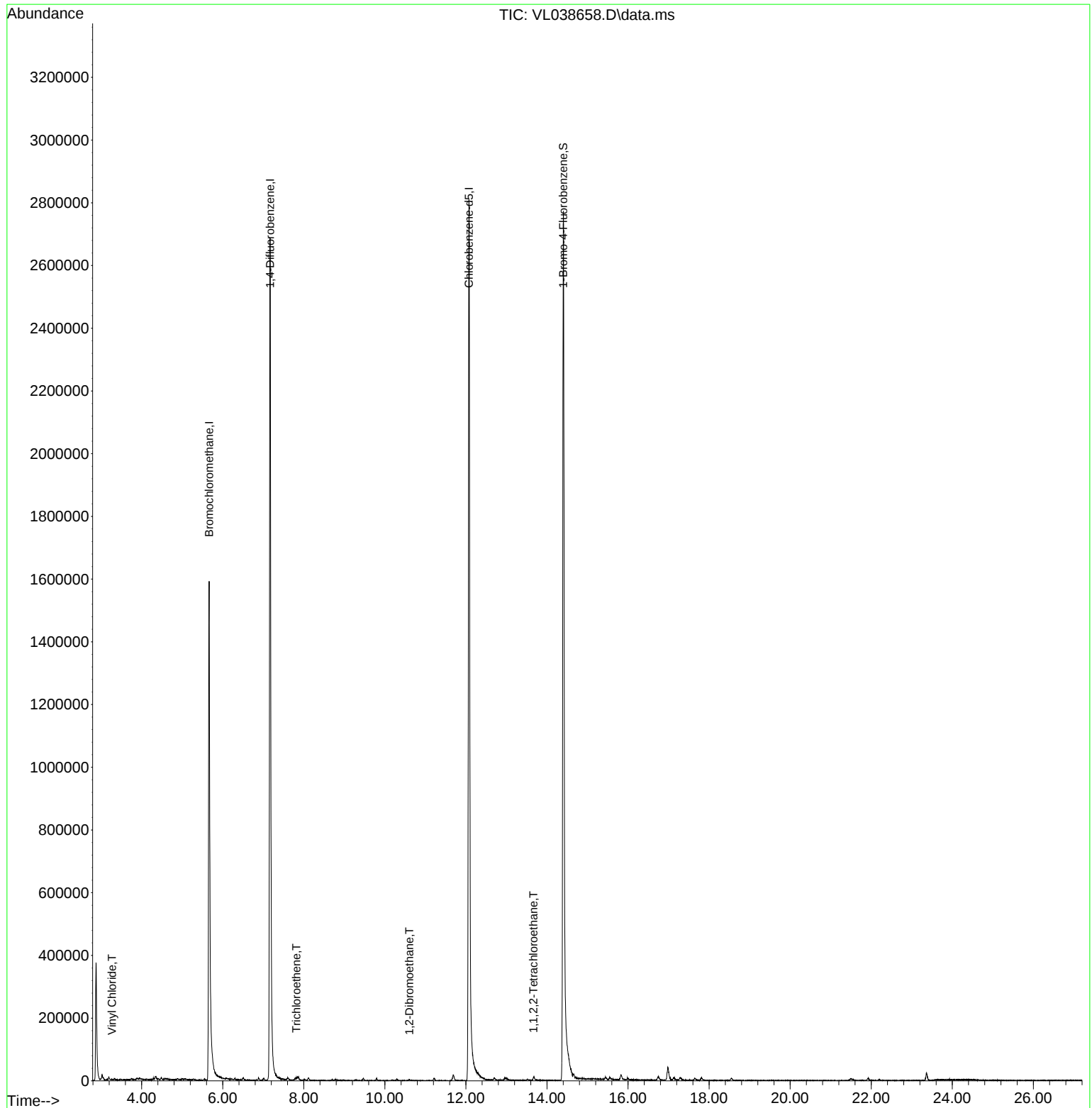
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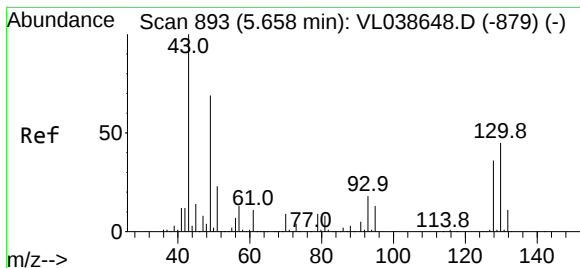
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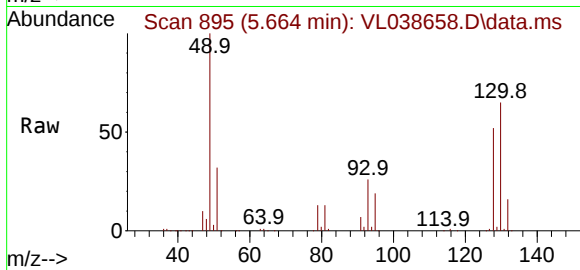
Reviewed By : Semsettin Yesilyurt 03/22/2022
Supervised By : Mahesh Dadoda 03/24/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 893
Delta R.T. 0.006 min
Lab File: VL038658.D
Acq: 21 Mar 2022 20:11

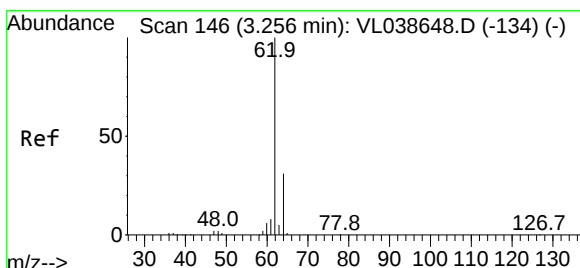
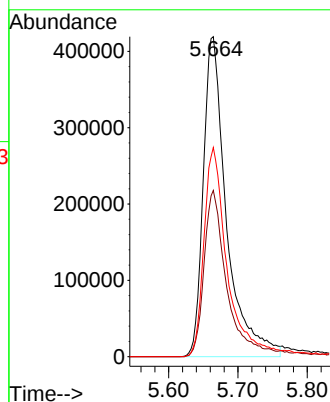
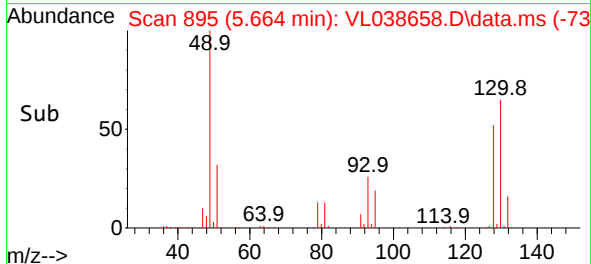
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 49 Resp: 974935
Ion Ratio Lower Upper
49 100
128 52.4 26.2 78.6
130 67.4 33.7 101.1

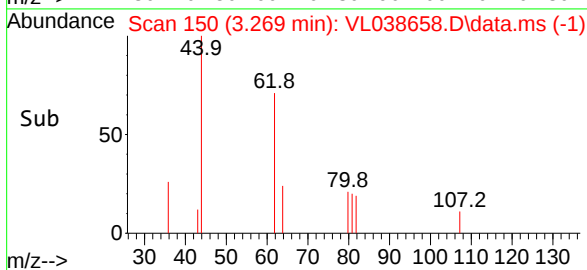
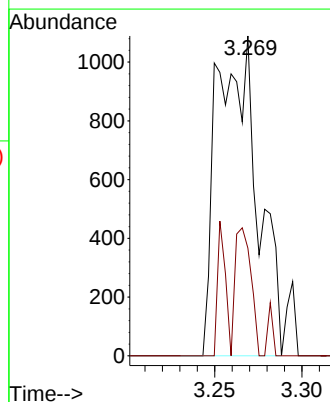
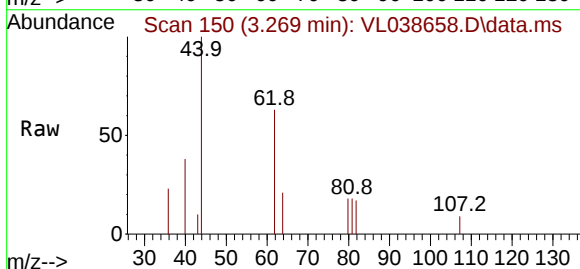
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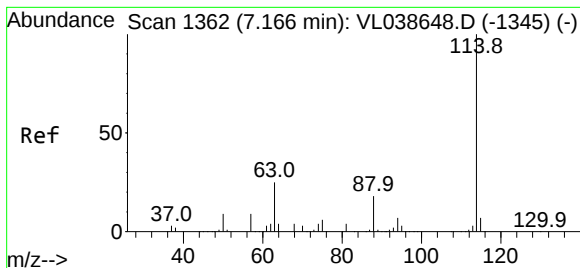
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Supervised By :Mahesh Dadoda 03/24/2022



#5
Vinyl Chloride
Concen: 0.031 ppbv m
RT: 3.269 min Scan# 150
Delta R.T. 0.013 min
Lab File: VL038658.D
Acq: 21 Mar 2022 20:11

Tgt Ion: 62 Resp: 1764
Ion Ratio Lower Upper
62 100
64 33.7 25.0 37.4





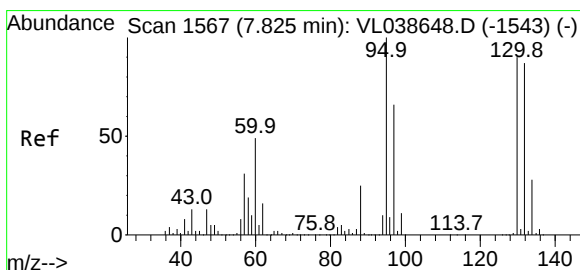
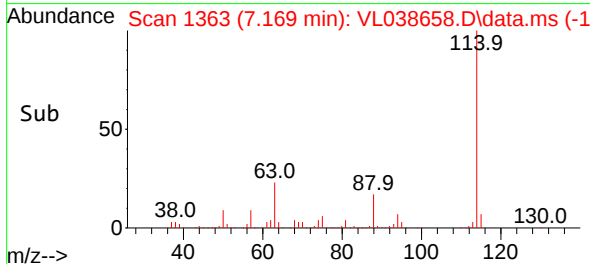
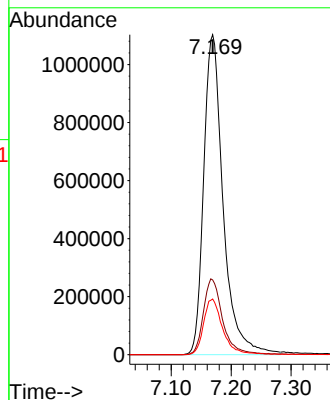
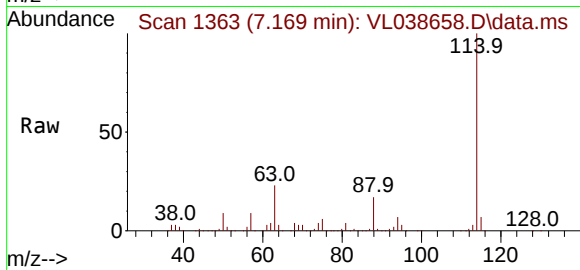
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1114
Delta R.T. 0.003 min
Lab File: VL038658.D
Acq: 21 Mar 2022 20:11

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:114 Resp: 249102
Ion Ratio Lower Upper
114 100
63 23.8 19.4 29.0
88 17.3 13.9 20.9

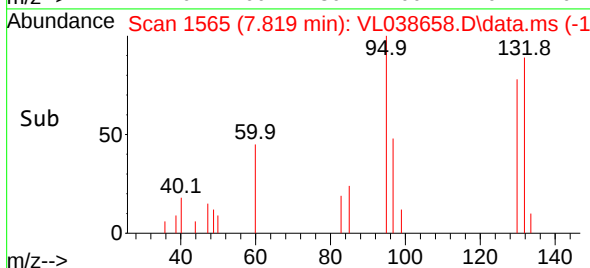
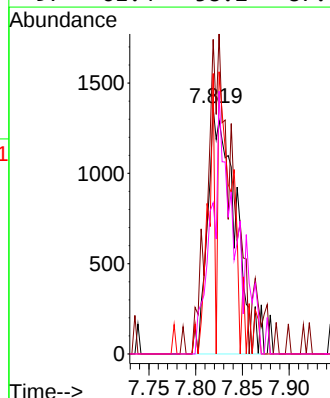
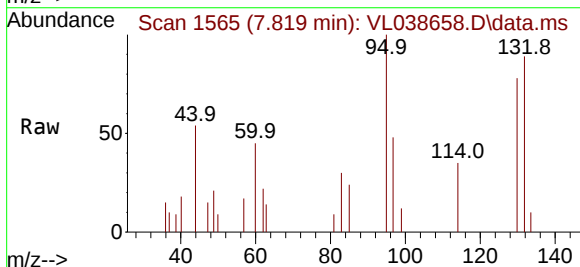
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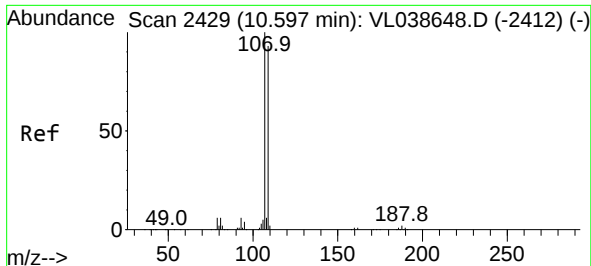
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#38
Trichloroethene
Concen: 0.035 ppbv m
RT: 7.819 min Scan# 1565
Delta R.T. -0.007 min
Lab File: VL038658.D
Acq: 21 Mar 2022 20:11

Tgt Ion:130 Resp: 2832
Ion Ratio Lower Upper
130 100
95 127.7 88.9 133.3
132 113.9 77.4 116.0
97 61.4 58.2 87.4





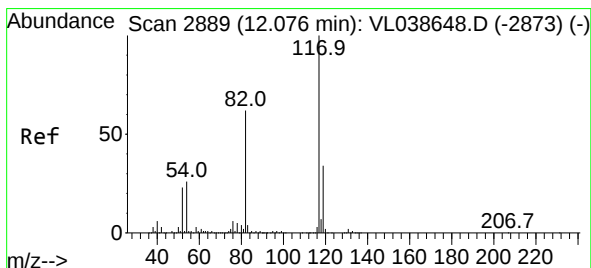
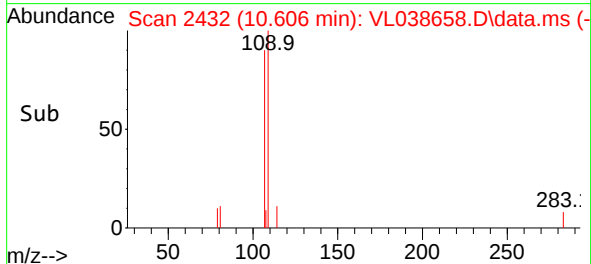
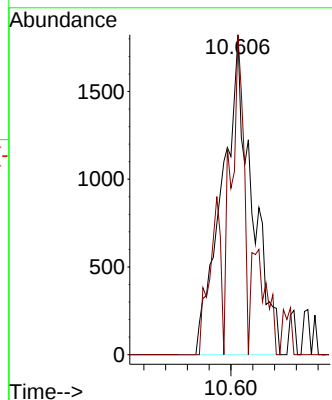
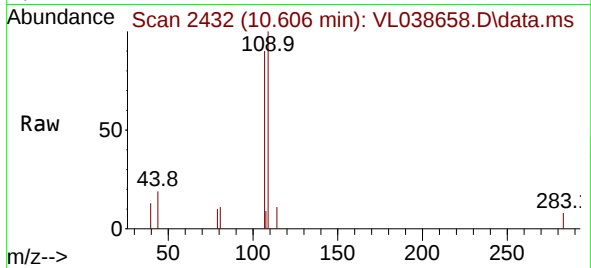
#54
1,2-Dibromoethane
Concen: 0.032 ppbv m
RT: 10.606 min Scan# 2429
Delta R.T. 0.009 min
Lab File: VL038658.D
Acq: 21 Mar 2022 20:11

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:107 Resp: 346
Ion Ratio Lower Upper
107 100
109 111.4 74.1 111.1

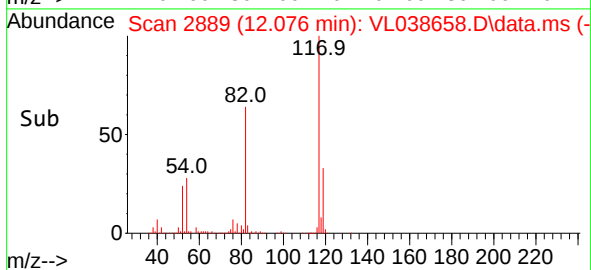
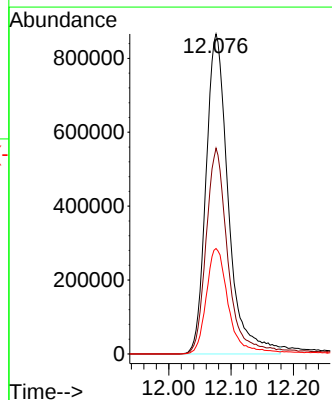
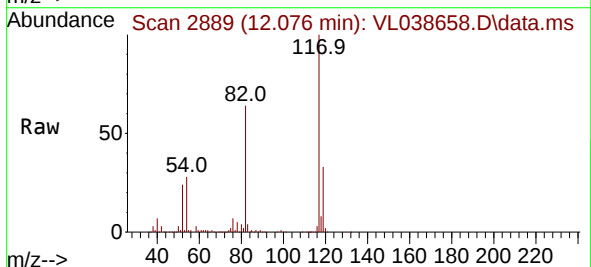
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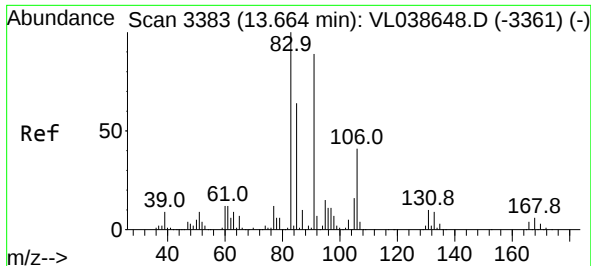
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Supervised By :Mahesh Dadoda 03/24/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VL038658.D
Acq: 21 Mar 2022 20:11

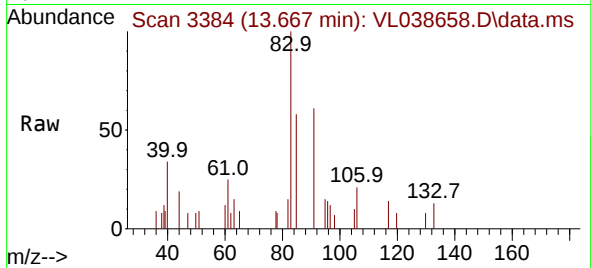
Tgt Ion:117 Resp: 2155475
Ion Ratio Lower Upper
117 100
82 64.8 51.6 77.4
119 34.5 26.9 40.3





#63
1,1,2-Tetrachloroethane
Concen: 0.035 ppbv m
RT: 13.667 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VL038658.D
Acq: 21 Mar 2022 20:11

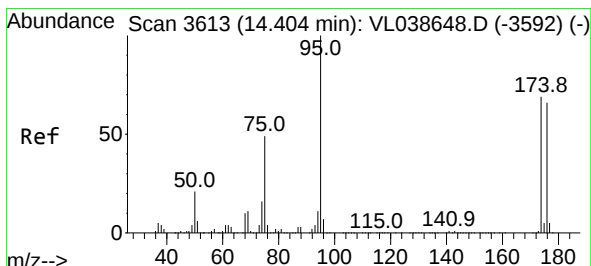
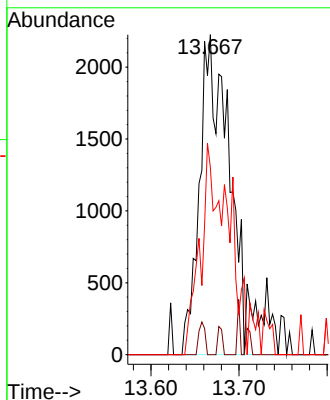
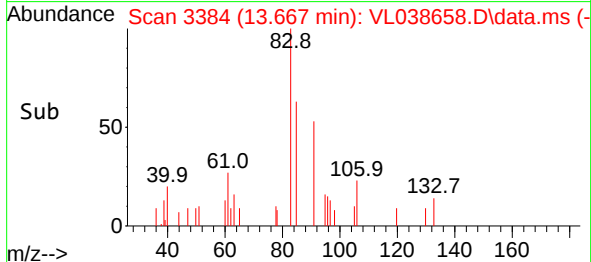
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 83 Resp: 5712
Ion Ratio Lower Upper
83 100
131 1.9 4.8 14.3
85 62.7 32.6 97.8

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.622 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. -0.000 min
Lab File: VL038658.D
Acq: 21 Mar 2022 20:11

Tgt Ion: 95 Resp: 1590111
Ion Ratio Lower Upper
95 100
174 72.3 56.1 84.1
175 5.2 4.2 6.2

