

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039438.D
 Acq On : 6 Jul 2022 3:47
 Operator : SY/AP
 Sample : N3214-15 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022

Quant Time: Jul 06 06:39:07 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

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

Internal Standards						
1) Bromochloromethane	5.684	49	1041252	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.188	114	3018127	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	2649350	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	1948299	9.913	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%
Target Compounds						
						Qvalue
5) Vinyl Chloride	3.269	62	2377m	0.033	ppbv	
32) 1,1,1-Trichloroethane	6.520	97	6166m	0.035	ppbv	
38) Trichloroethene	7.854	130	5043m	0.040	ppbv	
52) Tetrachloroethene	11.233	164	3496m	0.037	ppbv	

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

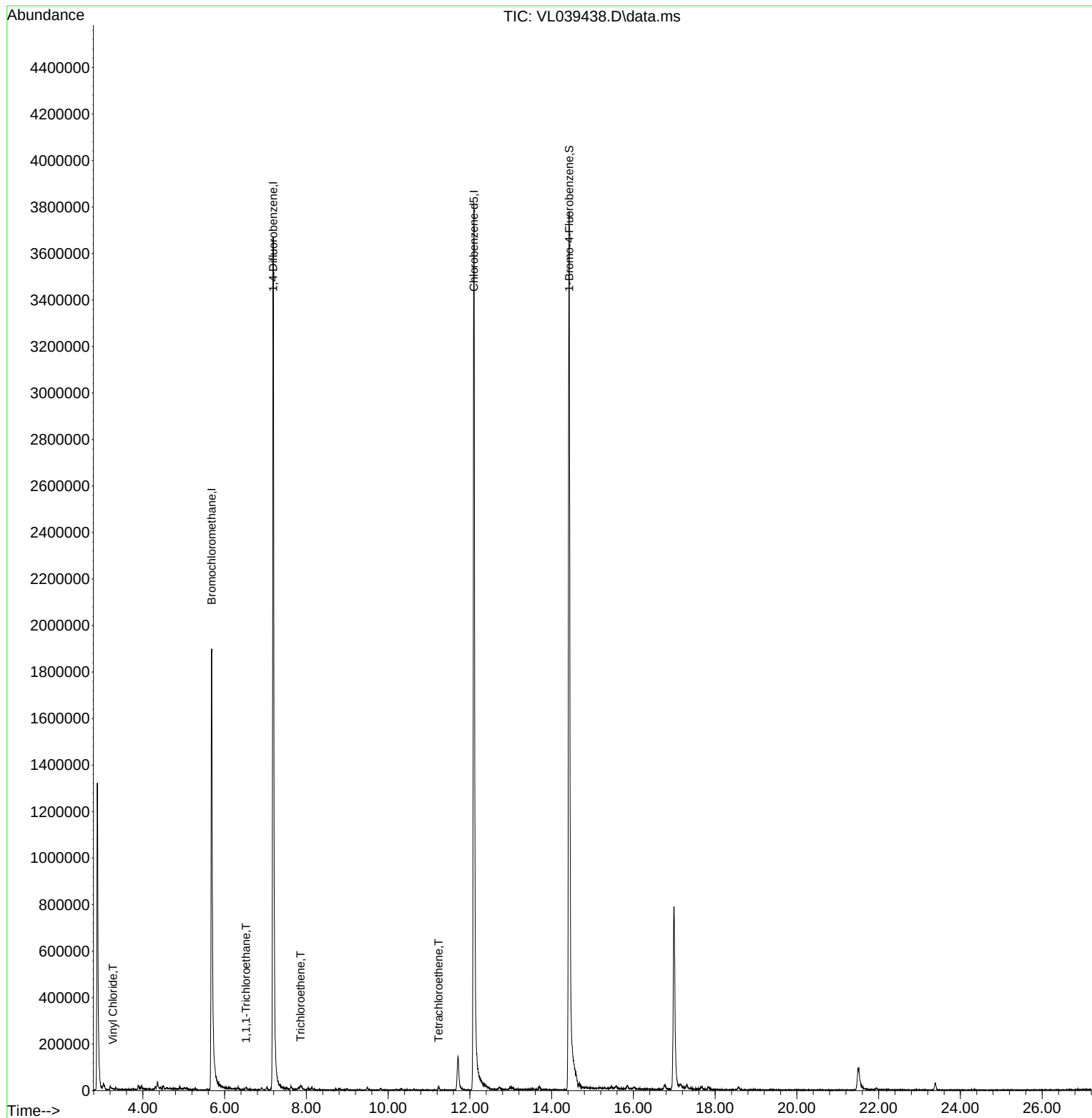
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
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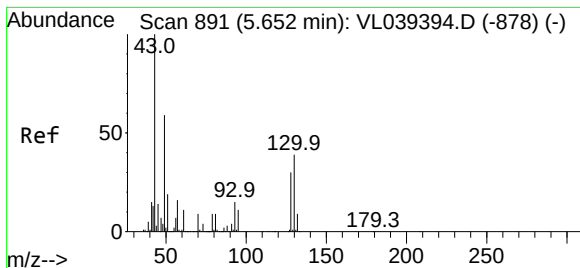
Instrument :
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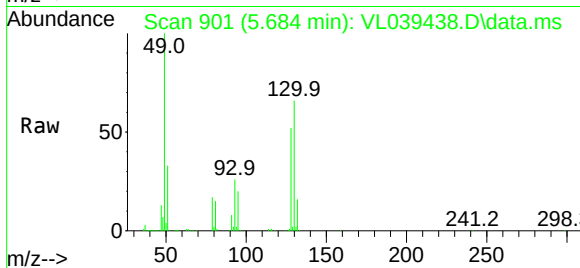
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.032 min
Lab File: VL039438.D
Acq: 6 Jul 2022 3:47

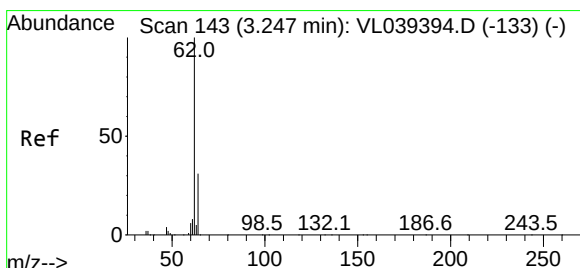
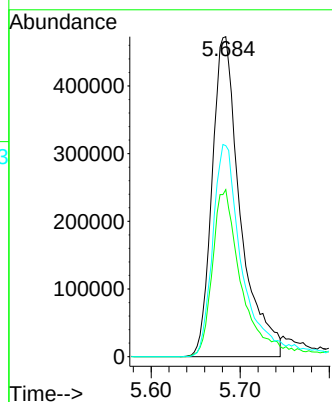
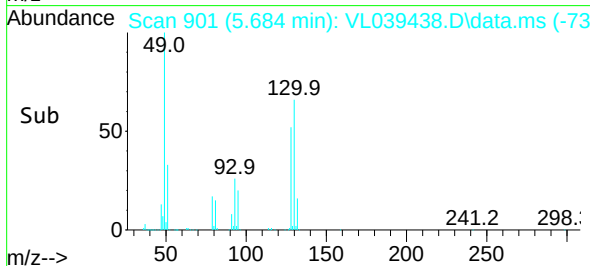
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



Tgt Ion: 49 Resp: 104125
Ion Ratio Lower Upper
49 100
128 56.1 26.7 80.0
130 74.1 34.3 102.8

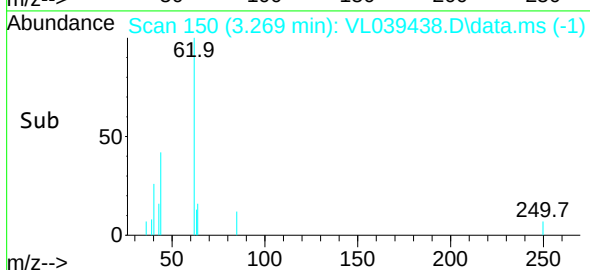
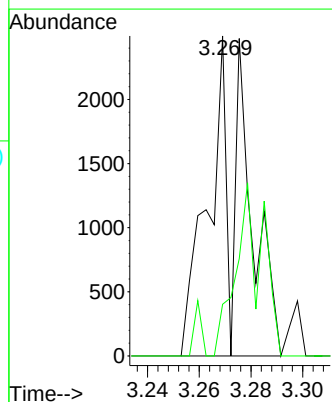
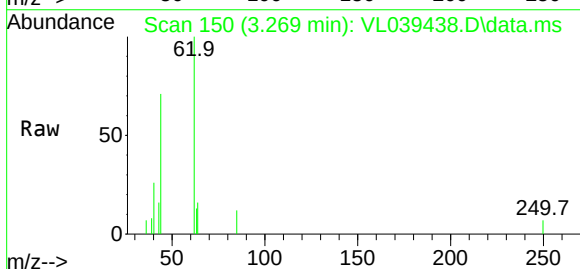
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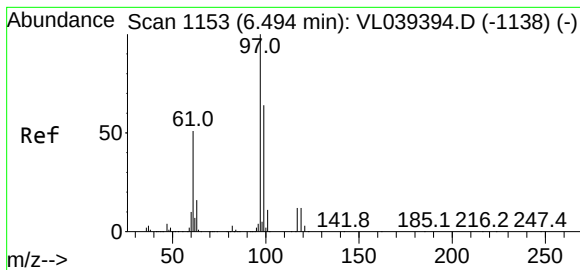
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#5
Vinyl Chloride
Concen: 0.033 ppbv m
RT: 3.269 min Scan# 150
Delta R.T. 0.022 min
Lab File: VL039438.D
Acq: 6 Jul 2022 3:47

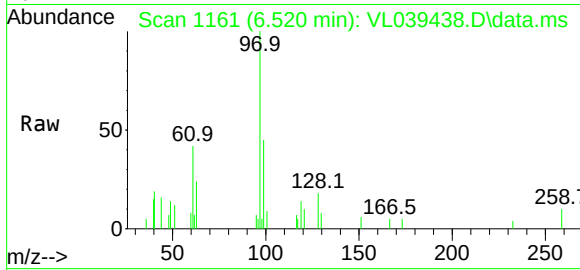
Tgt Ion: 62 Resp: 2377
Ion Ratio Lower Upper
62 100
64 16.2 24.6 36.8





#32
1,1,1-Trichloroethane
Concen: 0.035 ppbv m
RT: 6.520 min Scan# 1153
Delta R.T. 0.026 min
Lab File: VL039438.D
Acq: 6 Jul 2022 3:47

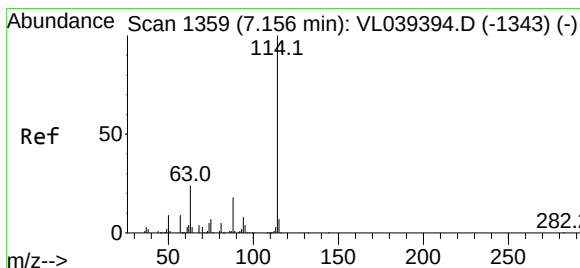
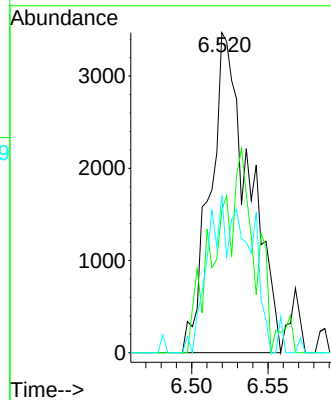
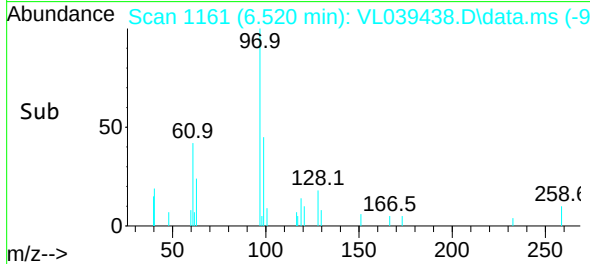
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2022



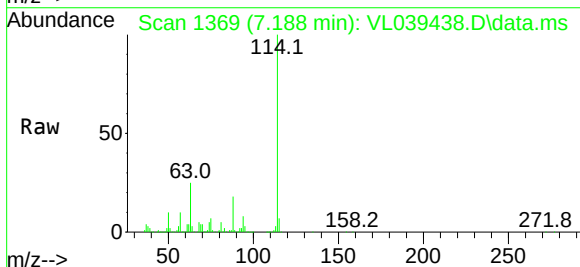
Tgt Ion: 97 Resp: 6160
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 0.0 40.9 61.3

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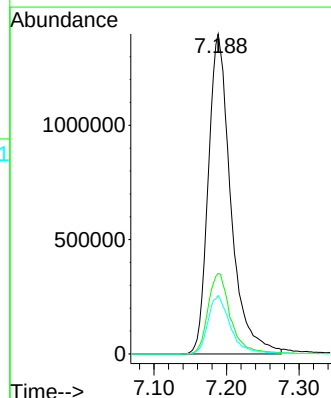
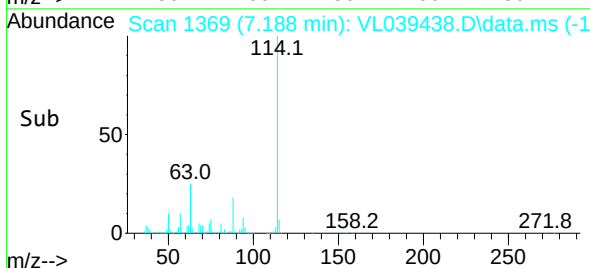
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

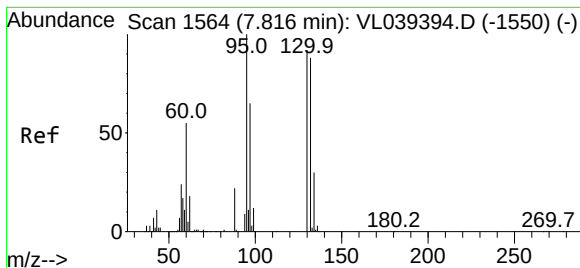


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.188 min Scan# 1369
Delta R.T. 0.032 min
Lab File: VL039438.D
Acq: 6 Jul 2022 3:47



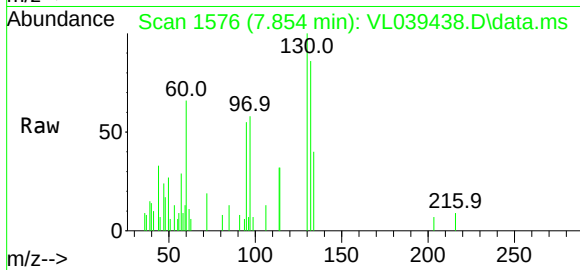
Tgt Ion:114 Resp: 3018127
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.4
88 18.4 14.5 21.7





#38
Trichloroethene
Concen: 0.040 ppbv m
RT: 7.854 min Scan# 1
Delta R.T. 0.038 min
Lab File: VL039438.D
Acq: 6 Jul 2022 3:47

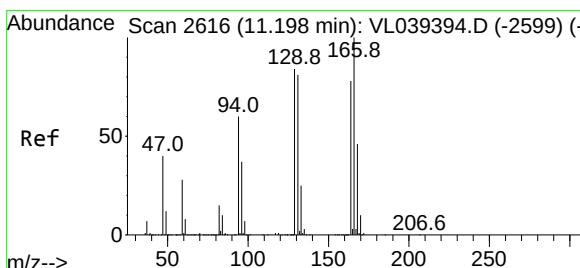
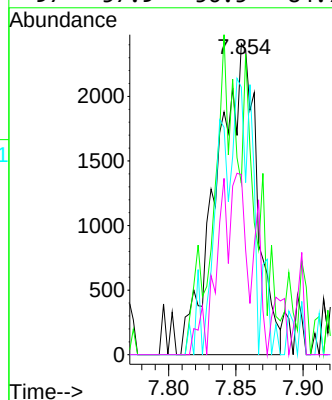
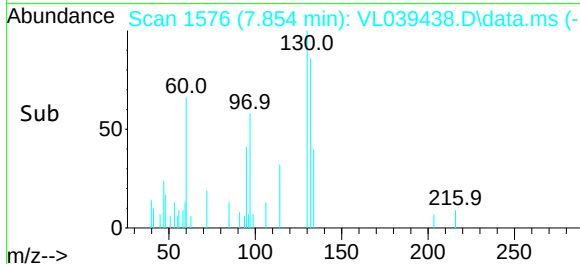
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



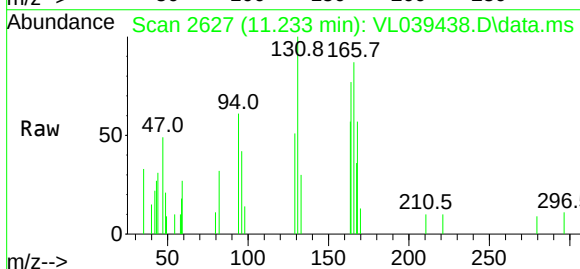
Tgt Ion:130 Resp: 504
Ion Ratio Lower Upper
130 100
95 55.2 87.3 130.9#
132 86.0 76.7 115.1
97 57.9 56.5 84.7

Manual Integrations
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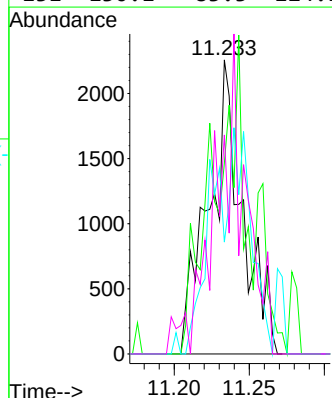
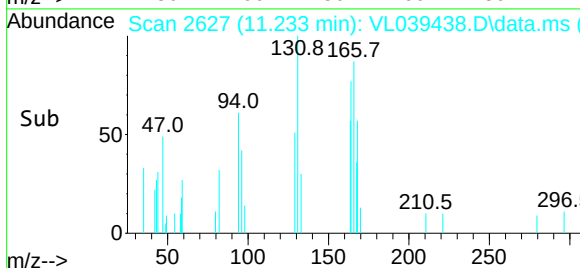
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

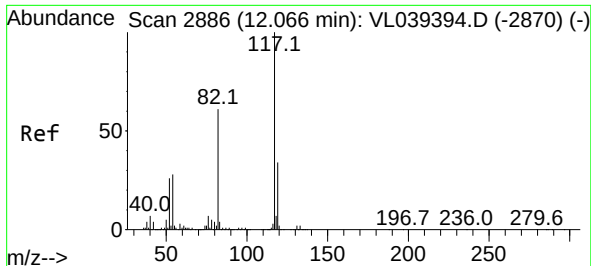


#52
Tetrachloroethene
Concen: 0.037 ppbv m
RT: 11.233 min Scan# 2627
Delta R.T. 0.035 min
Lab File: VL039438.D
Acq: 6 Jul 2022 3:47



Tgt Ion:164 Resp: 3496
Ion Ratio Lower Upper
164 100
166 113.2 102.2 153.2
129 66.4 85.8 128.8#
131 130.1 83.3 124.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.098 min Scan# 2896

Delta R.T. 0.032 min

Lab File: VL039438.D

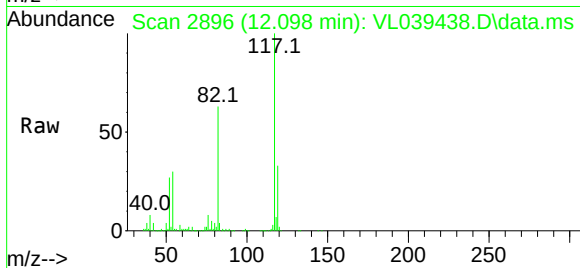
Acq: 6 Jul 2022 3:47

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022



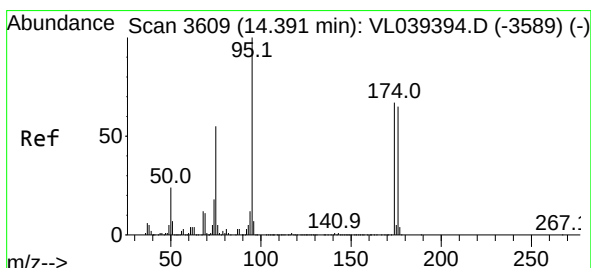
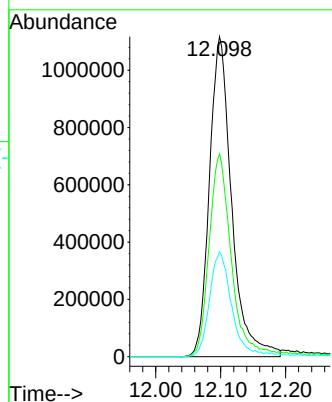
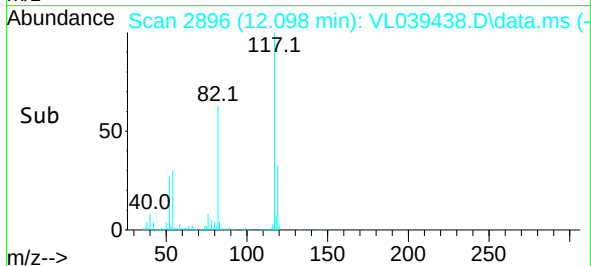
Tgt Ion: 117 Resp: 2649350

Ion	Ratio	Lower	Upper
117	100		
82	65.4	50.8	76.2
119	33.5	24.1	36.1

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.913 ppbv

RT: 14.429 min Scan# 3621

Delta R.T. 0.038 min

Lab File: VL039438.D

Acq: 6 Jul 2022 3:47

Tgt Ion: 95 Resp: 1948299

Ion	Ratio	Lower	Upper
95	100		
174	70.9	55.9	83.9
175	5.1	4.2	6.4

