

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031422\
 Data File : VL038604.D
 Acq On : 14 Mar 2022 20:05
 Operator : SY/AP
 Sample : N1645-14 0.1 LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022

Quant Time: Mar 15 01:44:45 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

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

Internal Standards						
1) Bromochloromethane	5.645	49	761181	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.147	114	1968453	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.053	117	1722388	10.000	ppbv	#-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.381	95	1283338	9.800	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	3.250	62	6106	0.122	ppbv #	86
32) 1,1,1-Trichloroethane	6.484	97	15505m	0.121	ppbv	
35) Carbon Tetrachloride	6.989	117	15389	0.115	ppbv	94
38) Trichloroethene	7.803	130	7202m	0.101	ppbv	
52) Tetrachloroethene	11.192	164	6963m	0.107	ppbv	
54) 1,2-Dibromoethane	10.577	107	10006m	0.101	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.648	83	18599m	0.122	ppbv	
79) Naphthalene	22.156	128	8967m	0.049	ppbv	

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

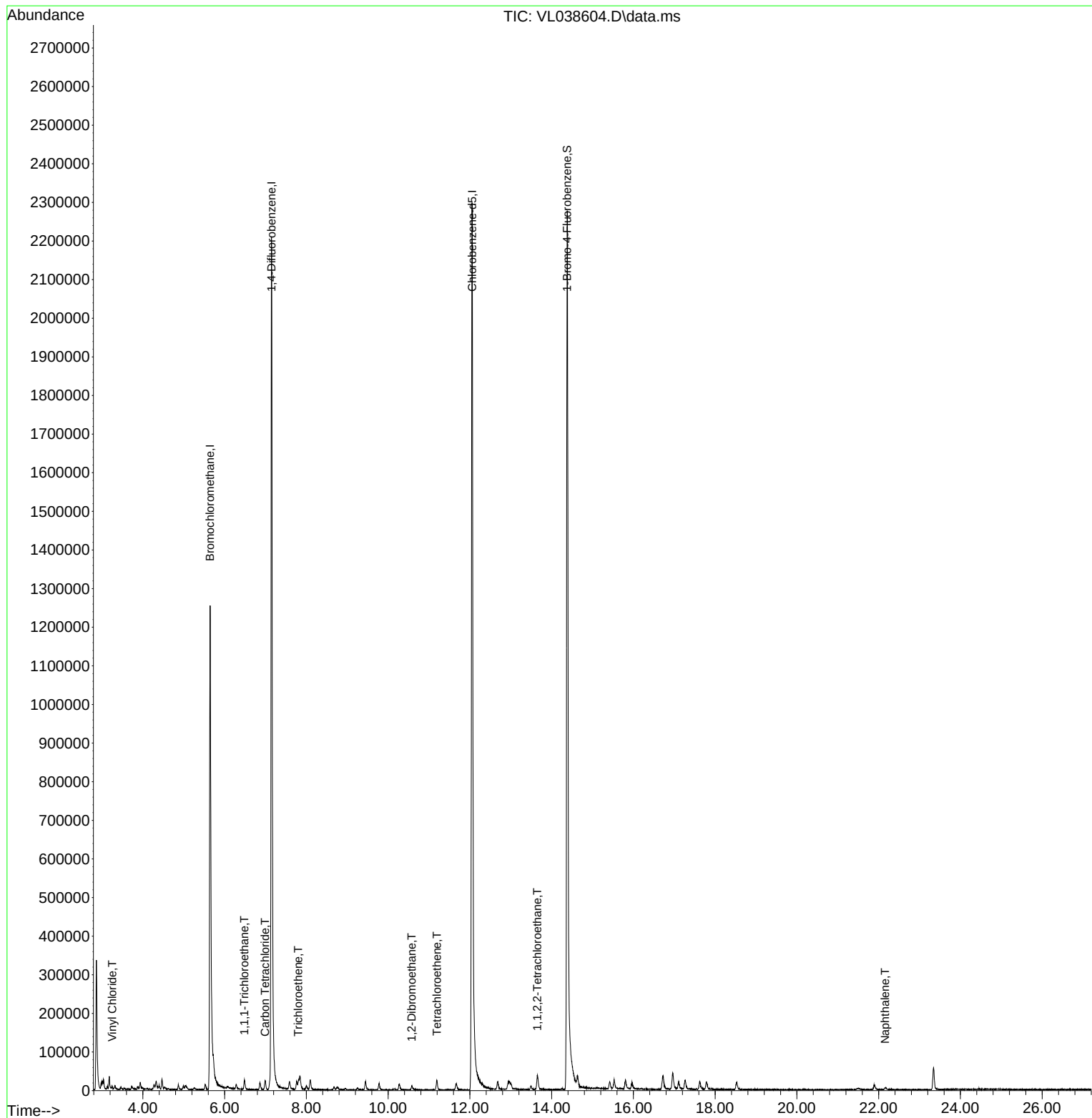
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031422\
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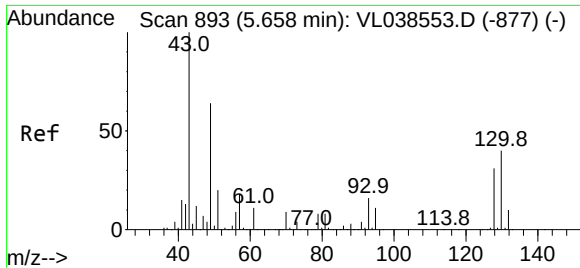
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Quant Time: Mar 15 01:44:45 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Manual Integrations
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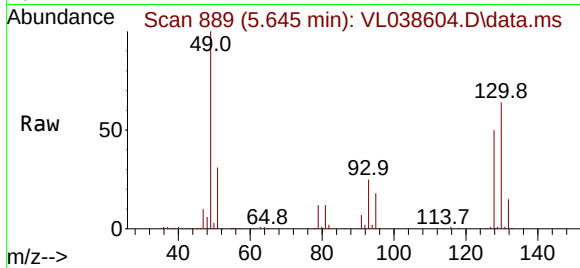
Reviewed By : Semsettin Yesilyurt 03/18/2022
Supervised By : Mahesh Dadoda 03/18/2022





#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.645 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL038604.D
 Acq: 14 Mar 2022 20:05

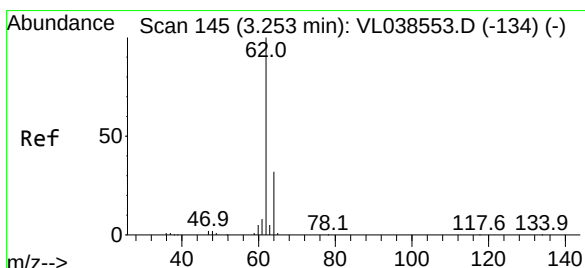
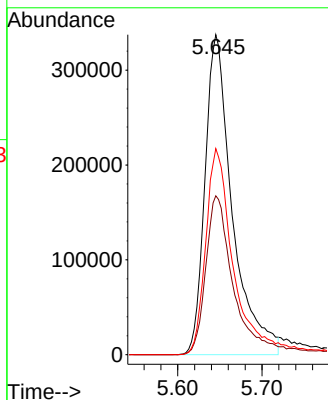
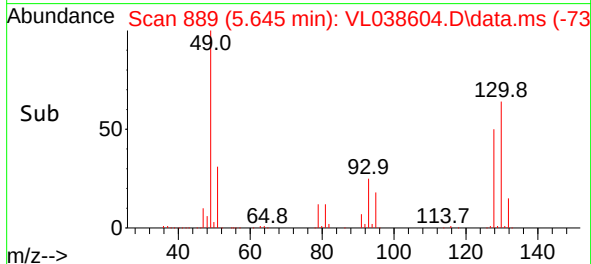
Instrument : MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022



Tgt Ion: 49 Resp: 76118
 Ion Ratio Lower Upper
 49 100
 128 53.0 26.4 79.2
 130 69.1 33.0 98.9

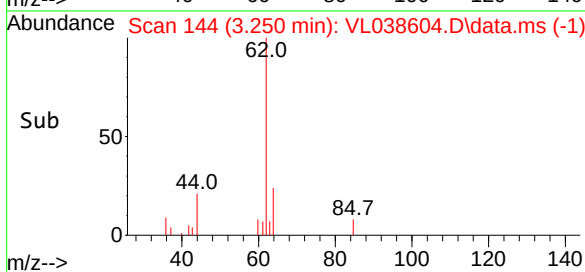
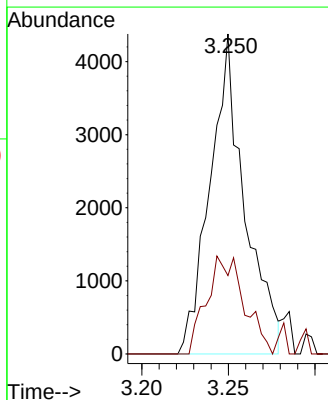
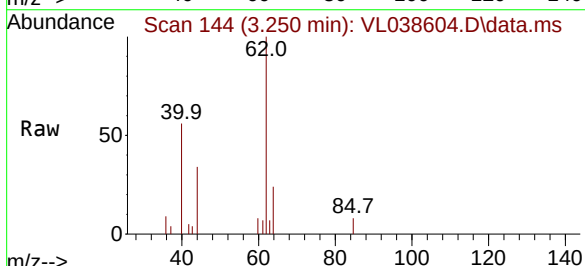
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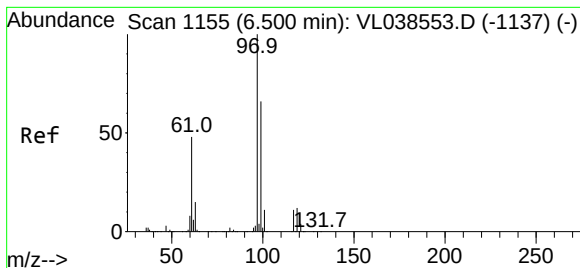
Reviewed By :Semsettin Yesilyurt 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#5
 Vinyl Chloride
 Concen: 0.122 ppbv
 RT: 3.250 min Scan# 144
 Delta R.T. -0.003 min
 Lab File: VL038604.D
 Acq: 14 Mar 2022 20:05

Tgt Ion: 62 Resp: 6106
 Ion Ratio Lower Upper
 62 100
 64 24.5 25.8 38.6#





#32

1,1,1-Trichloroethane

Concen: 0.121 ppbv m

RT: 6.484 min Scan# 1155

Delta R.T. -0.016 min

Lab File: VL038604.D

Acq: 14 Mar 2022 20:05

Instrument :

MSVOA_L

ClientSampleId :

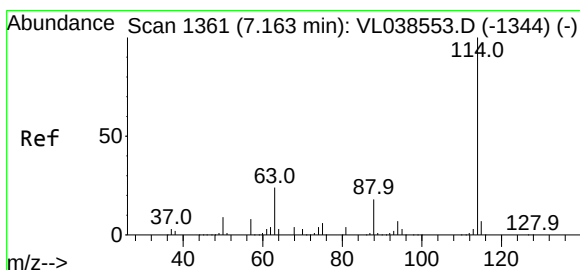
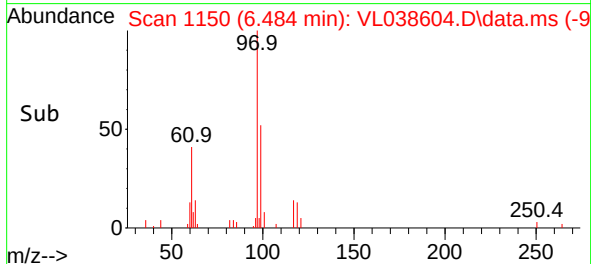
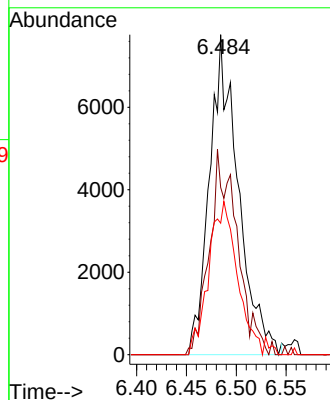
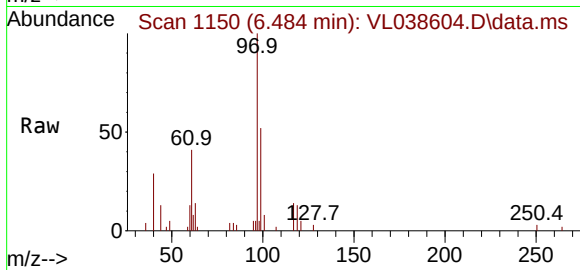
LOQ-AIR-02-QT1-2022

Tgt Ion: 97	Resp: 1550
Ion Ratio	Lower Upper
97 100	
99 62.5	52.1 78.1
61 48.8	37.7 56.5

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Supervised By :Mahesh Dadoda 03/18/2022



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

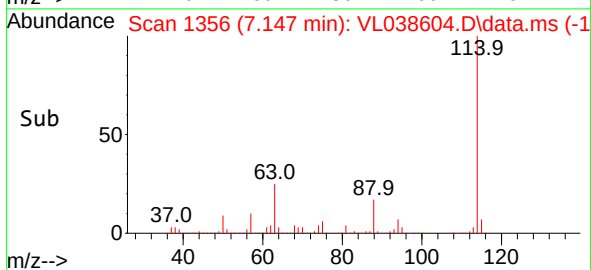
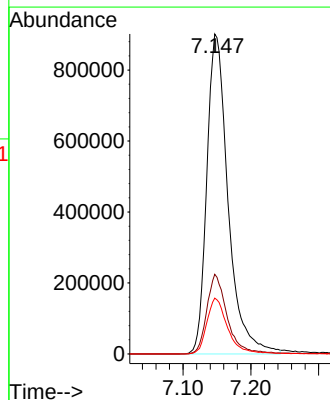
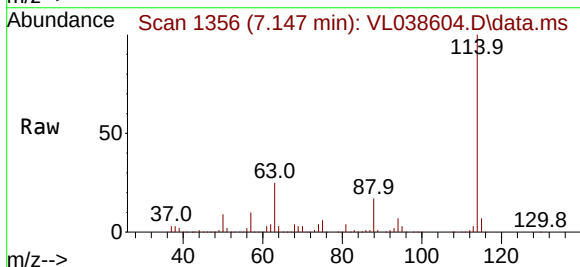
RT: 7.147 min Scan# 1356

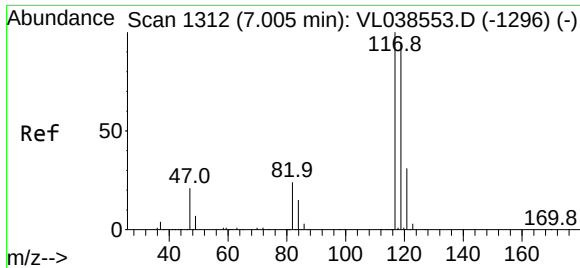
Delta R.T. -0.016 min

Lab File: VL038604.D

Acq: 14 Mar 2022 20:05

Tgt Ion:114	Resp: 1968453
Ion Ratio	Lower Upper
114 100	
63 24.2	19.6 29.4
88 17.2	13.9 20.9





#35

Carbon Tetrachloride

Concen: 0.115 ppbv

RT: 6.989 min Scan# 117

Delta R.T. -0.016 min

Lab File: VL038604.D

Acq: 14 Mar 2022 20:05

Instrument :

MSVOA_L

ClientSampleId :

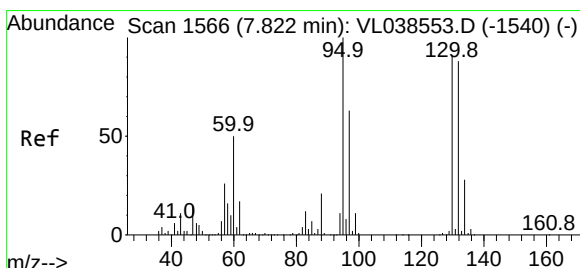
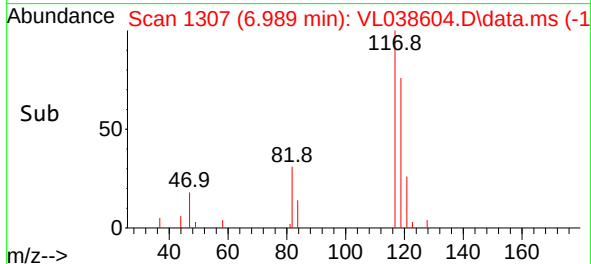
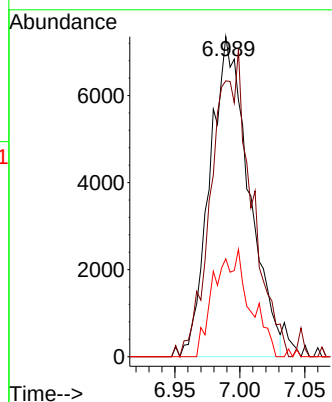
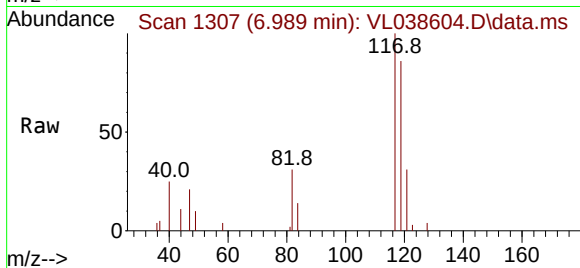
LOQ-AIR-02-QT1-2022

Tgt Ion:	117	Resp:	1538
Ion Ratio	Lower	Upper	
117	100		
119	86.2	75.2	112.8
121	30.6	24.8	37.2

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Supervised By :Mahesh Dadoda 03/18/2022



#38

Trichloroethene

Concen: 0.101 ppbv m

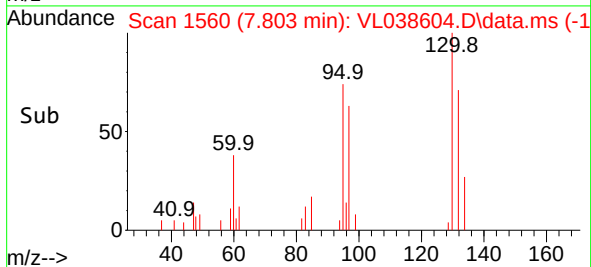
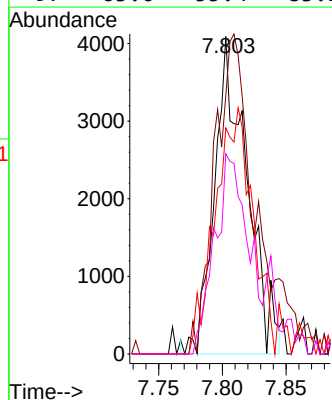
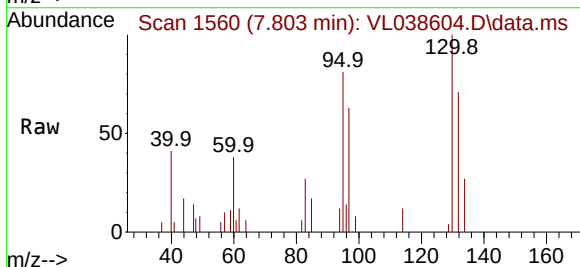
RT: 7.803 min Scan# 1560

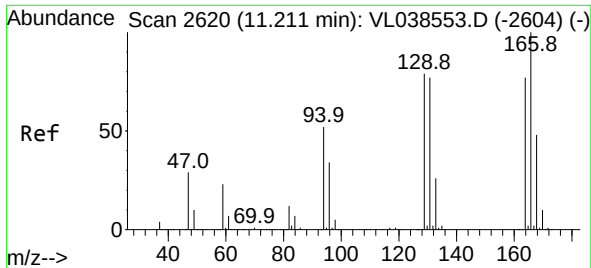
Delta R.T. -0.019 min

Lab File: VL038604.D

Acq: 14 Mar 2022 20:05

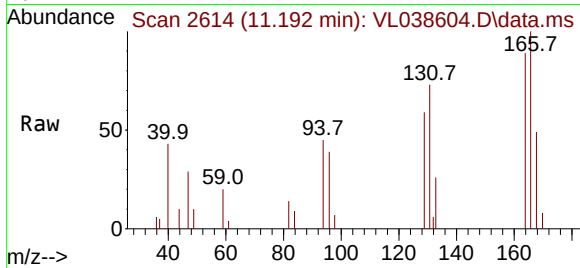
Tgt Ion:	130	Resp:	7202
Ion Ratio	Lower	Upper	
130	100		
95	81.4	87.8	131.8#
132	71.2	77.5	116.3#
97	63.0	55.4	83.2





#52
Tetrachloroethene
Concen: 0.107 ppbv m
RT: 11.192 min Scan# 2614
Delta R.T. -0.019 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

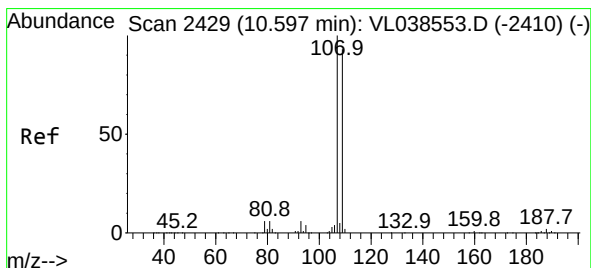
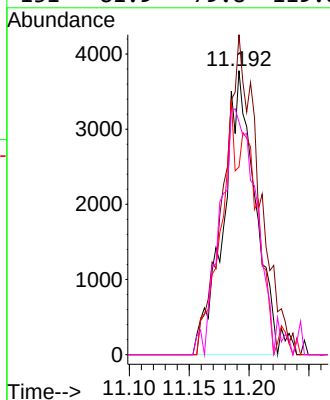
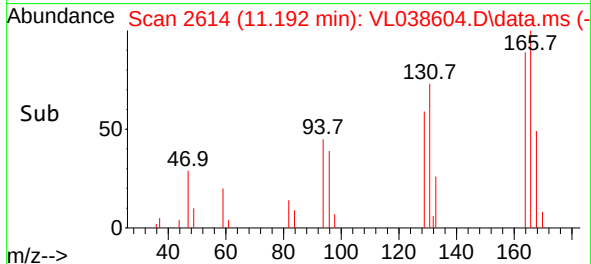
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion:164 Resp: 696
Ion Ratio Lower Upper
164 100
166 112.7 103.4 155.2
129 66.1 81.3 121.9
131 81.9 79.8 119.8

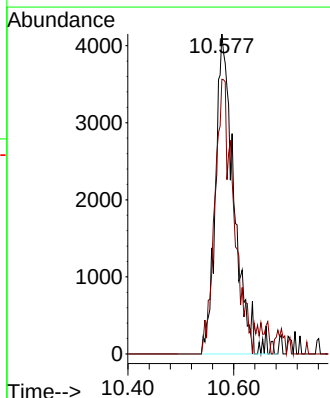
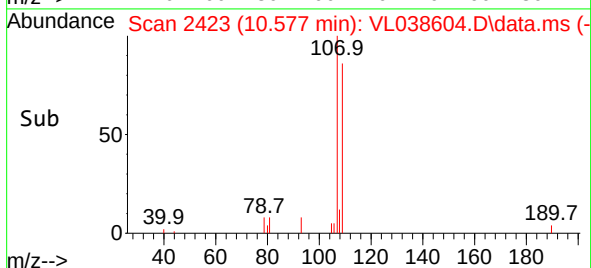
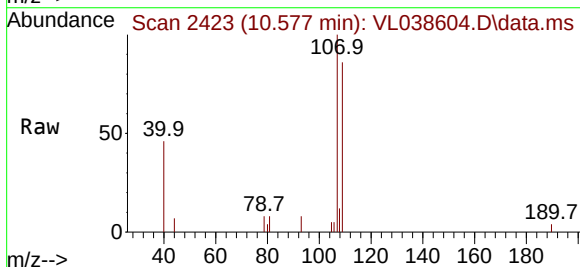
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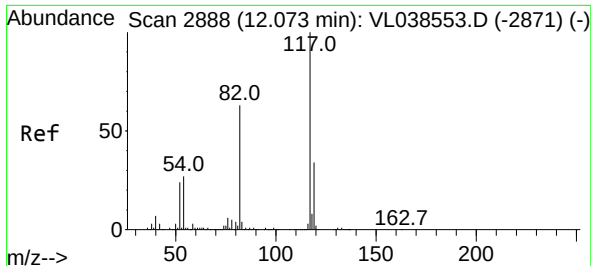
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#54
1,2-Dibromoethane
Concen: 0.101 ppbv m
RT: 10.577 min Scan# 2423
Delta R.T. -0.019 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

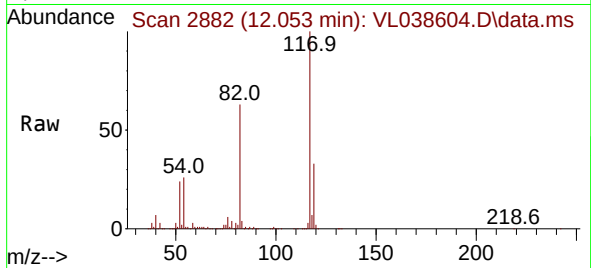
Tgt Ion:107 Resp: 10006
Ion Ratio Lower Upper
107 100
109 85.8 74.6 112.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.053 min Scan# 2888
Delta R.T. -0.019 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

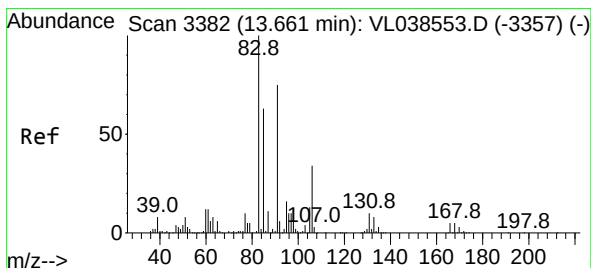
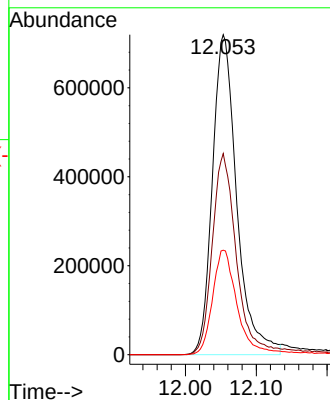
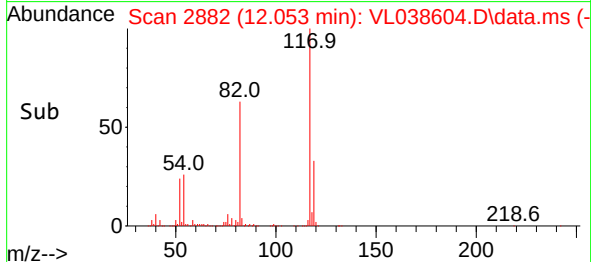
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 117 Resp: 172238
Ion Ratio Lower Upper
117 100
82 65.9 52.5 78.7
119 34.2 46.4 69.6

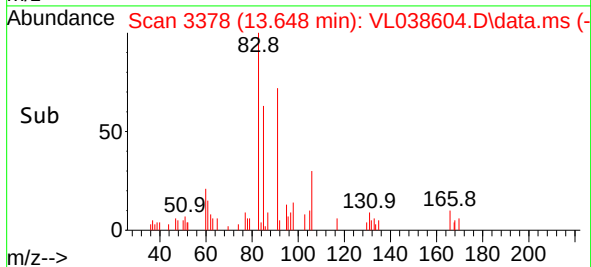
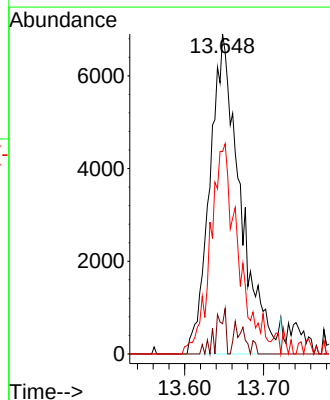
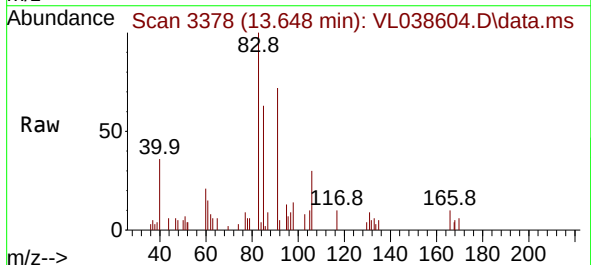
Manual Integrations
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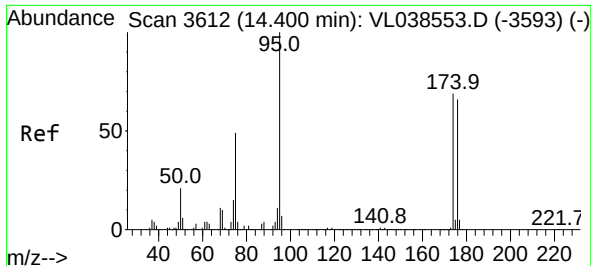
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#63
1,1,2,2-Tetrachloroethane
Concen: 0.122 ppbv m
RT: 13.648 min Scan# 3378
Delta R.T. -0.013 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

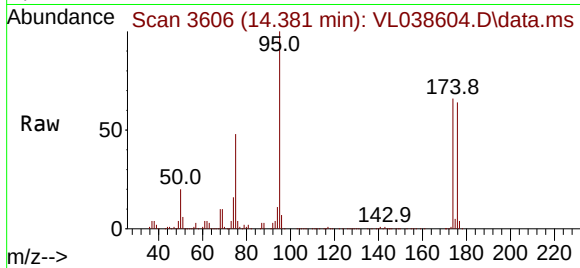
Tgt Ion: 83 Resp: 18599
Ion Ratio Lower Upper
83 100
131 7.9 4.7 14.1
85 62.1 32.6 98.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.800 ppbv
RT: 14.381 min Scan# 3066
Delta R.T. -0.019 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

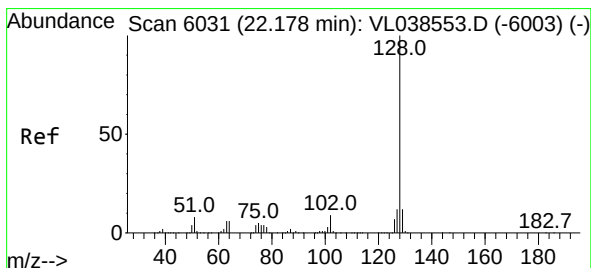
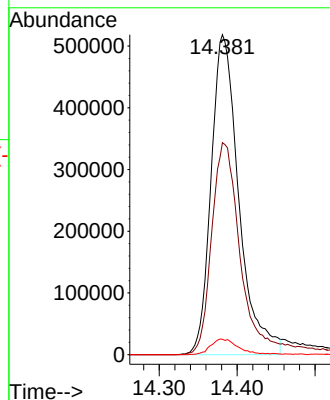
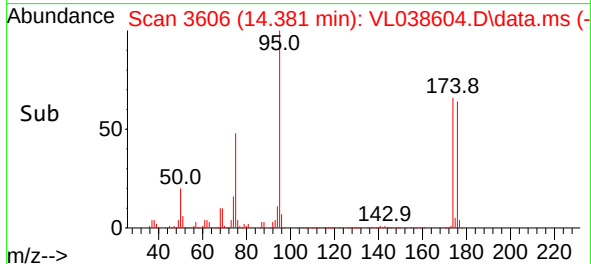
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 95 Resp: 128333
Ion Ratio Lower Upper
95 100
174 73.1 56.2 84.4
175 5.1 4.2 6.2

Manual Integrations
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Supervised By :Mahesh Dadoda 03/18/2022



#79
Naphthalene
Concen: 0.049 ppbv m
RT: 22.156 min Scan# 6024
Delta R.T. -0.022 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion:128 Resp: 8967
Ion Ratio Lower Upper
128 100
127 0.0 9.9 14.9#
129 5.2 9.3 13.9#

