

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038343.D
 Acq On : 14 Feb 2022 16:55
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022

Quant Time: Feb 15 00:41:03 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 2022

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	852028	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.156	114	2346966	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.060	117	1993977	10.000	ppbv	#-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.391	95	1500028	9.911	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%
Target Compounds						
					Qvalue	
9) Propene	3.012	41	9279m	0.168	ppbv	
15) Acetone	3.870	43	23182m	0.309	ppbv	
20) Methylene Chloride	4.330	84	10363m	0.237	ppbv	
32) 1,1,1-Trichloroethane	6.494	97	13034m	0.082	ppbv	
35) Carbon Tetrachloride	6.995	117	11901	0.072	ppbv #	78
38) Trichloroethene	7.809	130	6938m	0.090	ppbv	
52) Tetrachloroethene	11.201	164	37893	0.530	ppbv	89
53) Toluene	9.783	91	14452	0.063	ppbv	87
59) m/p-Xylene	12.973	91	34430m	0.138	ppbv	

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

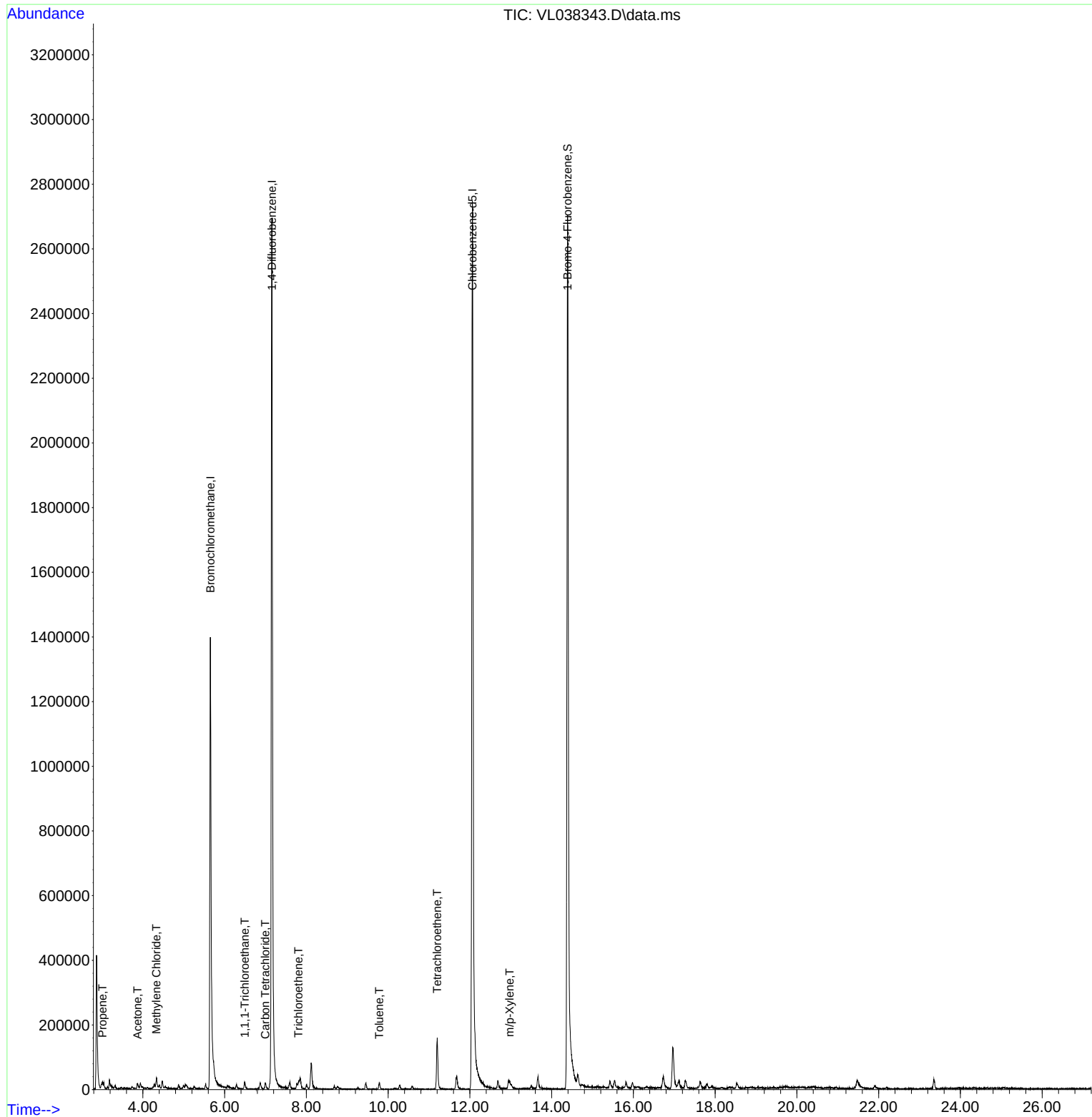
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
Data File : VL038343.D
Acq On : 14 Feb 2022 16:55
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

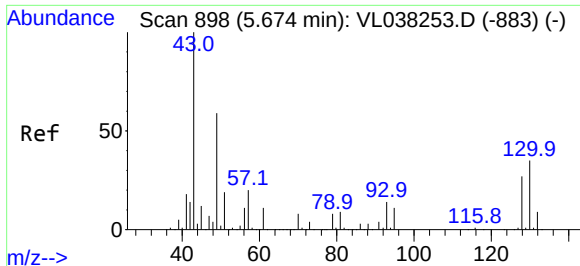
Instrument :
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VIBLK

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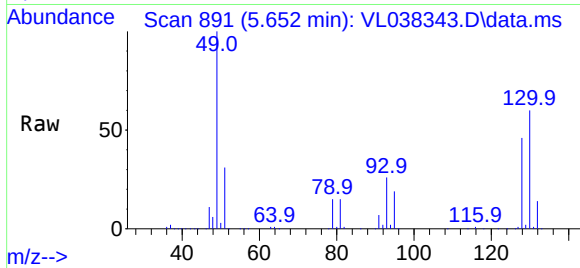
Quant Time: Feb 15 00:41:03 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 891
Delta R.T. -0.023 min
Lab File: VL038343.D
Acq: 14 Feb 2022 16:55

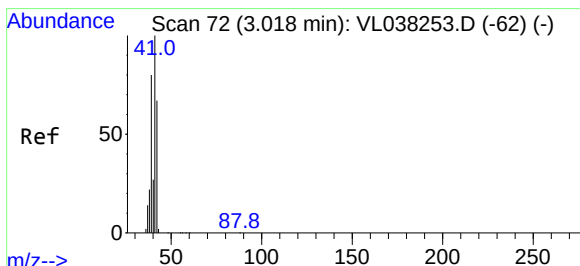
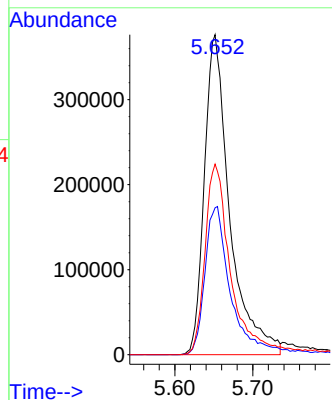
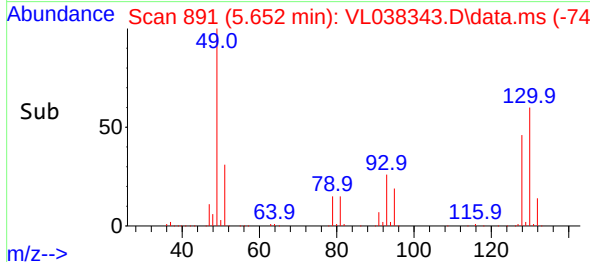
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion: 49 Resp: 852028
Ion Ratio Lower Upper
49 100
128 48.9 24.5 73.5
130 63.4 30.1 90.5

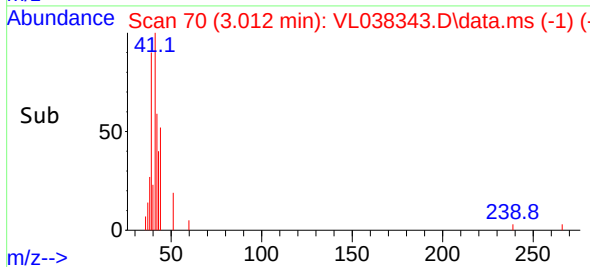
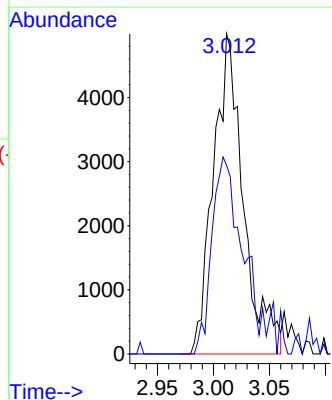
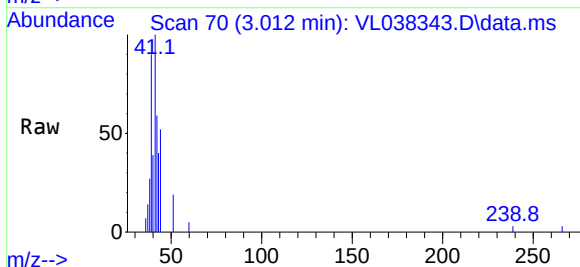
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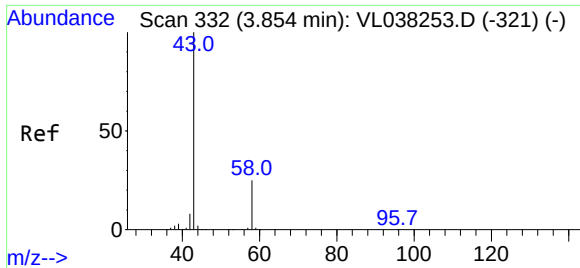
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#9
Propene
Concen: 0.168 ppbv m
RT: 3.012 min Scan# 70
Delta R.T. -0.007 min
Lab File: VL038343.D
Acq: 14 Feb 2022 16:55

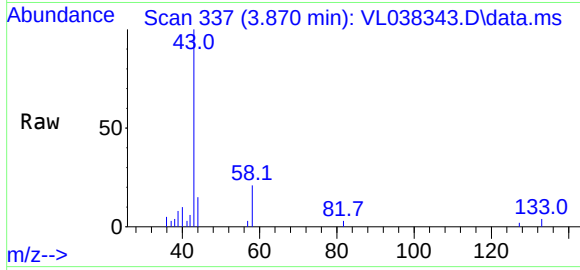
Tgt Ion: 41 Resp: 9279
Ion Ratio Lower Upper
41 100
42 0.0 54.9 82.3#





#15
Acetone
Concen: 0.309 ppbv m
RT: 3.870 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL038343.D
Acq: 14 Feb 2022 16:55

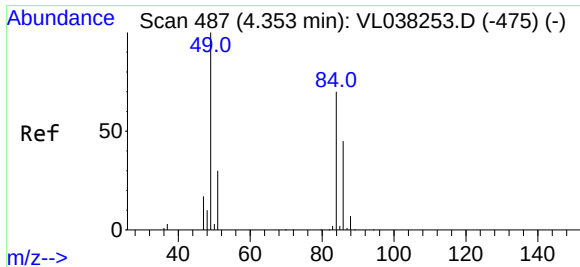
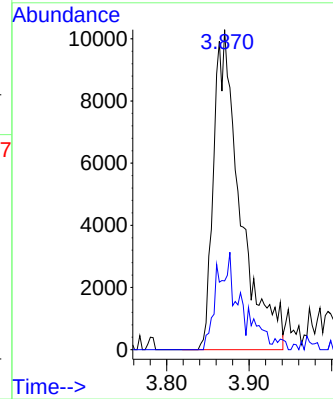
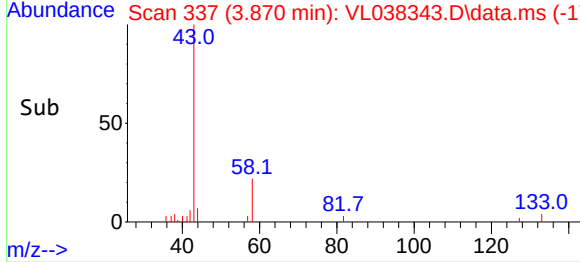
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion: 43 Resp: 2318
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3

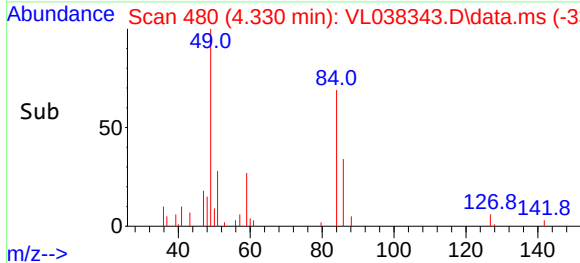
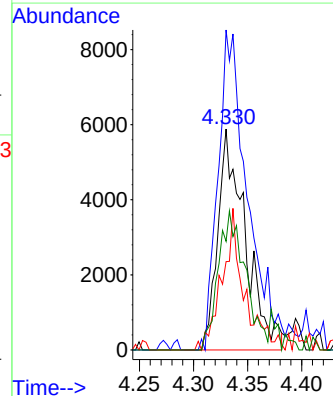
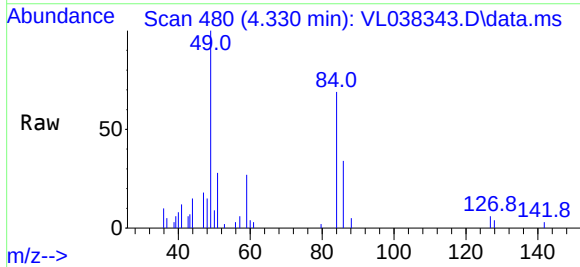
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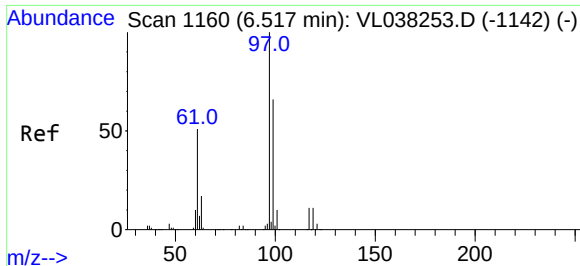
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#20
Methylene Chloride
Concen: 0.237 ppbv m
RT: 4.330 min Scan# 480
Delta R.T. -0.023 min
Lab File: VL038343.D
Acq: 14 Feb 2022 16:55

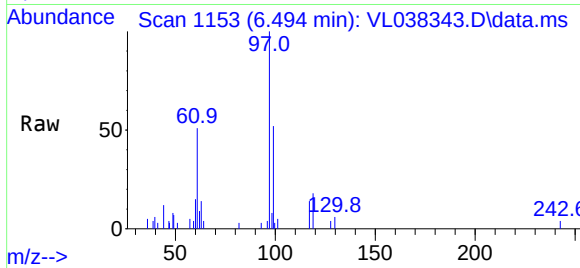
Tgt Ion: 84 Resp: 10363
Ion Ratio Lower Upper
84 100
49 144.8 115.0 172.6
51 40.0 35.0 52.6
86 49.2 51.4 77.0





#32
1,1,1-Trichloroethane
Concen: 0.082 ppbv m
RT: 6.494 min Scan# 1153
Delta R.T. -0.023 min
Lab File: VL038343.D
Acq: 14 Feb 2022 16:55

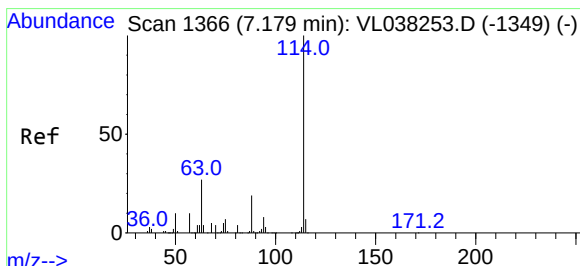
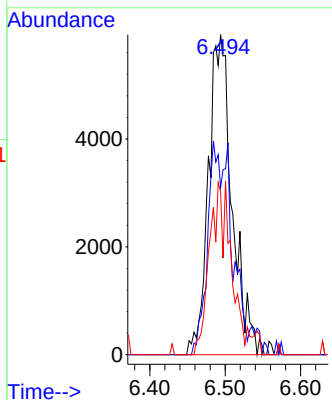
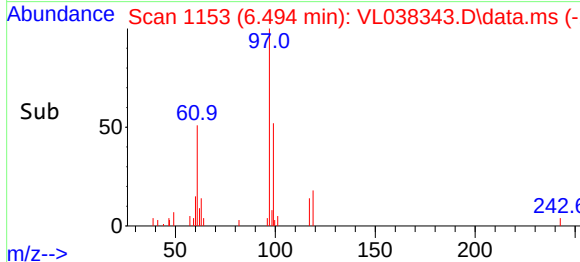
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion: 97 Resp: 13034
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3
61 0.0 40.5 60.7

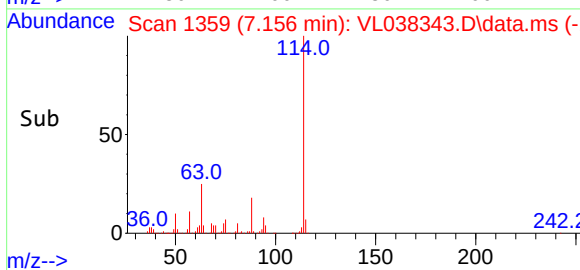
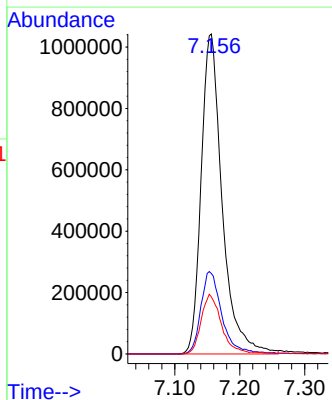
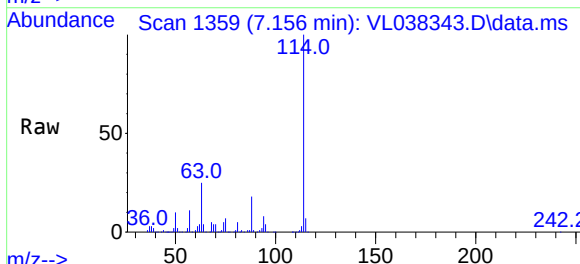
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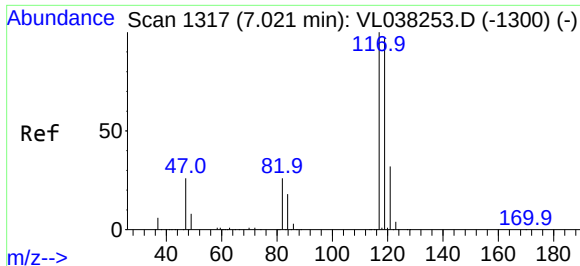
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.156 min Scan# 1359
Delta R.T. -0.023 min
Lab File: VL038343.D
Acq: 14 Feb 2022 16:55

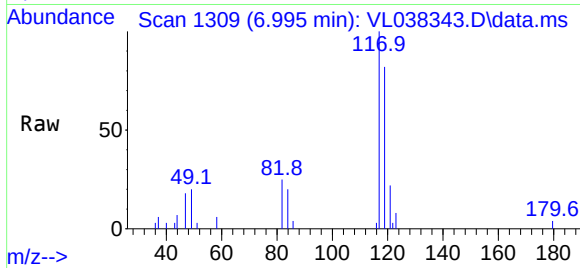
Tgt Ion:114 Resp: 2346966
Ion Ratio Lower Upper
114 100
63 26.1 22.0 33.0
88 18.5 15.0 22.6





#35
Carbon Tetrachloride
Concen: 0.072 ppbv
RT: 6.995 min Scan# 1190
Delta R.T. -0.026 min
Lab File: VL038343.D
Acq: 14 Feb 2022 16:55

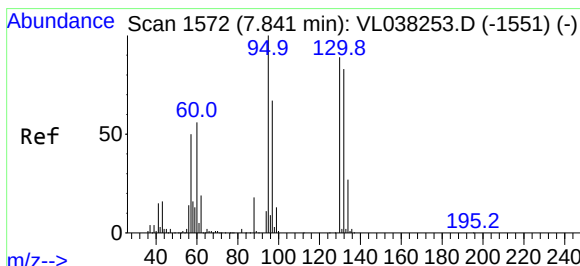
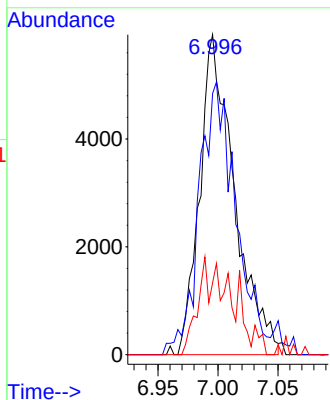
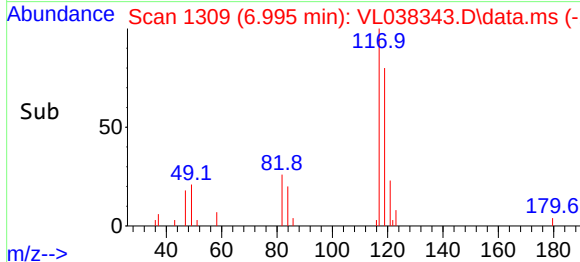
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



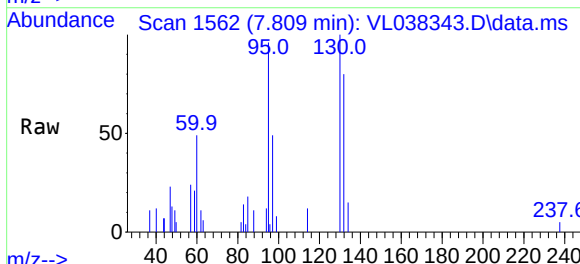
Tgt Ion:117 Resp: 1190
Ion Ratio Lower Upper
117 100
119 73.7 77.9 116.9
121 22.5 25.4 38.2

Manual Integrations
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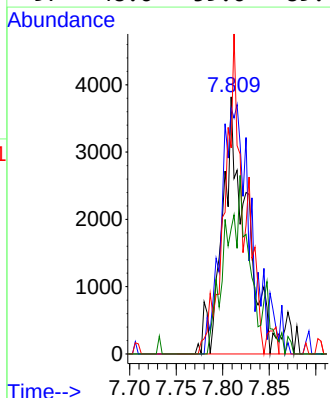
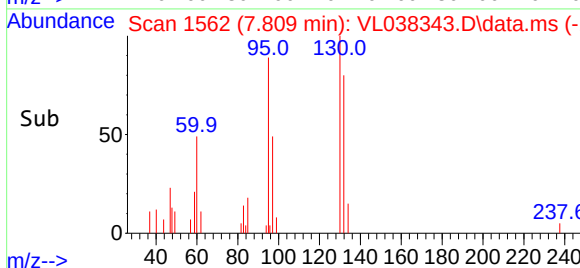
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Supervised By :Mahesh Dadoda 02/18/2022

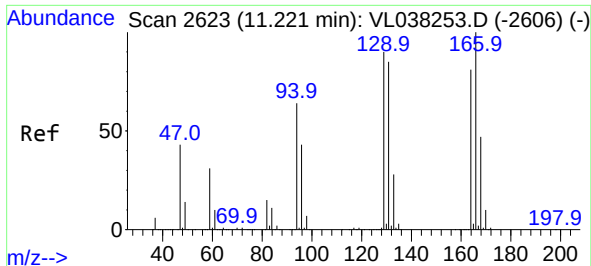


#38
Trichloroethene
Concen: 0.090 ppbv m
RT: 7.809 min Scan# 1562
Delta R.T. -0.032 min
Lab File: VL038343.D
Acq: 14 Feb 2022 16:55



Tgt Ion:130 Resp: 6938
Ion Ratio Lower Upper
130 100
95 95.7 89.4 134.2
132 80.1 74.6 111.8
97 48.6 59.6 89.4





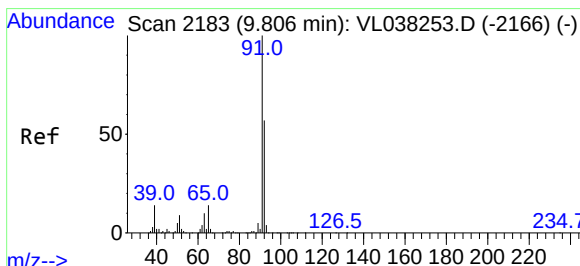
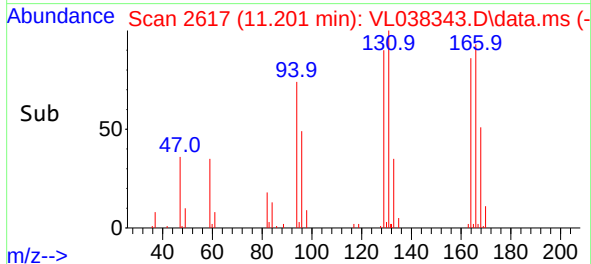
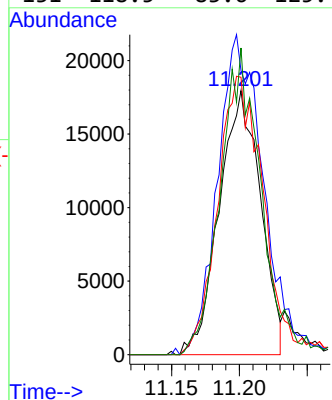
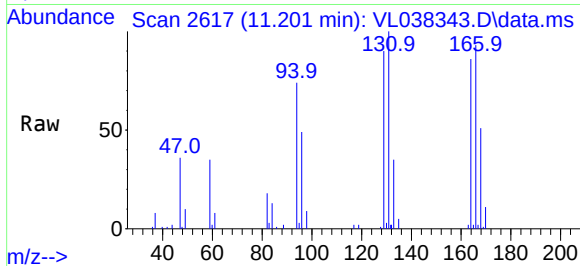
#52
Tetrachloroethene
Concen: 0.530 ppbv
RT: 11.201 min Scan# 2176
Delta R.T. -0.019 min
Lab File: VL038343.D
Acq: 14 Feb 2022 16:55

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:164 Resp: 3789
Ion Ratio Lower Upper
164 100
166 107.7 98.8 148.2
129 105.1 89.2 133.8
131 118.5 83.6 125.4

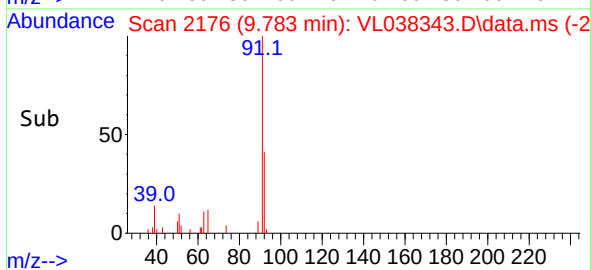
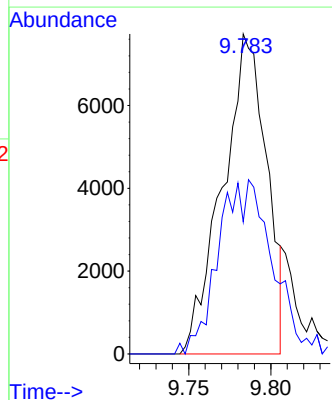
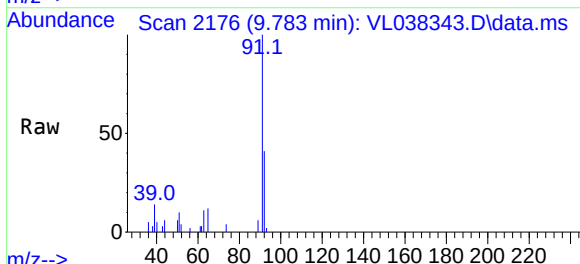
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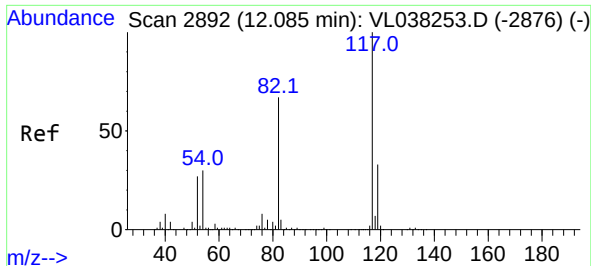
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#53
Toluene
Concen: 0.063 ppbv
RT: 9.783 min Scan# 2176
Delta R.T. -0.023 min
Lab File: VL038343.D
Acq: 14 Feb 2022 16:55

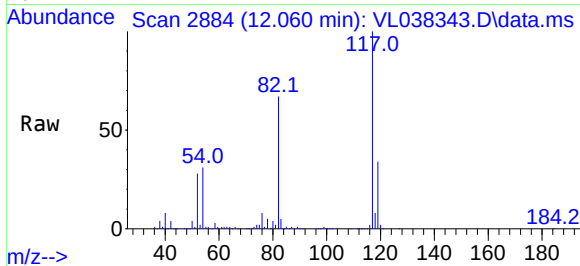
Tgt Ion: 91 Resp: 14452
Ion Ratio Lower Upper
91 100
92 68.9 47.4 71.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.060 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL038343.D
Acq: 14 Feb 2022 16:55

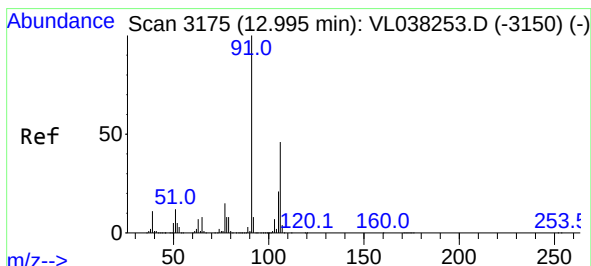
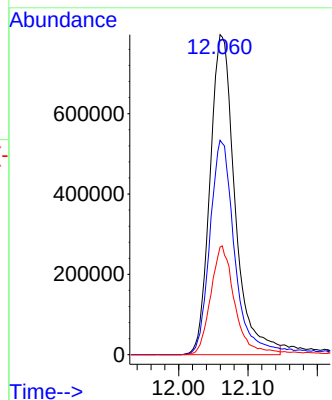
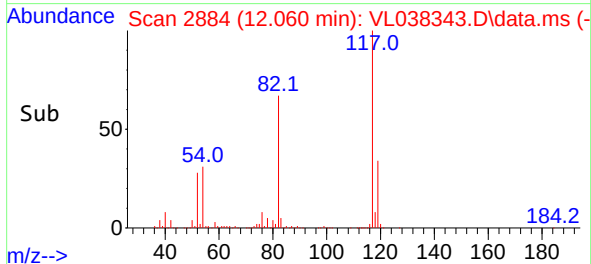
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion: 117 Resp: 199397
Ion Ratio Lower Upper
117 100
82 69.7 54.4 81.6
119 34.3 45.9 68.9

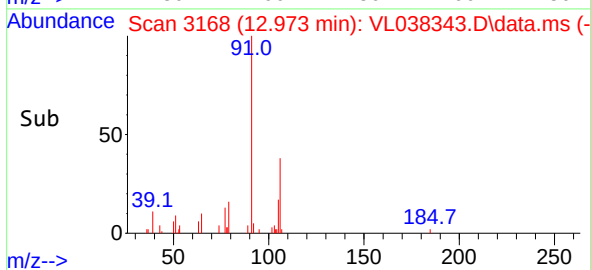
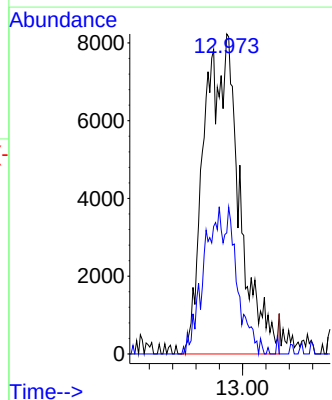
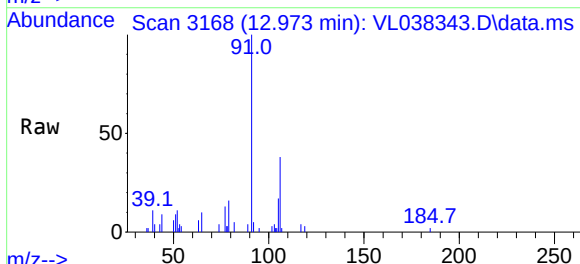
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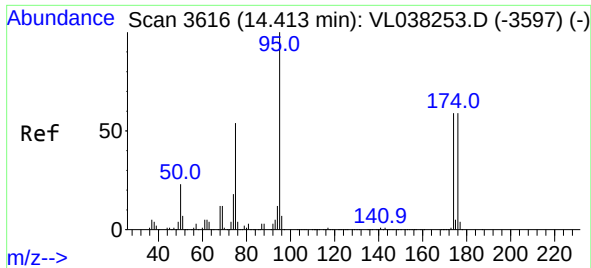
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#59
m/p-Xylene
Concen: 0.138 ppbv m
RT: 12.973 min Scan# 3168
Delta R.T. -0.023 min
Lab File: VL038343.D
Acq: 14 Feb 2022 16:55

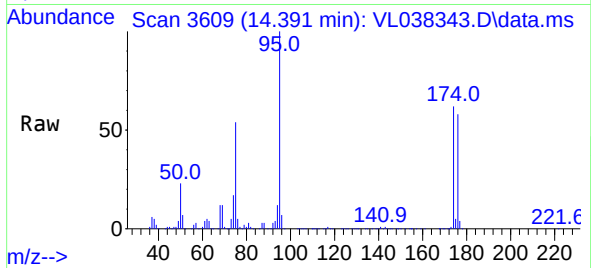
Tgt Ion: 91 Resp: 34430
Ion Ratio Lower Upper
91 100
106 0.0 34.8 52.2#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.911 ppbv
 RT: 14.391 min Scan# 3609
 Delta R.T. -0.023 min
 Lab File: VL038343.D
 Acq: 14 Feb 2022 16:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



Tgt Ion: 95 Resp: 1500028

Ion	Ratio	Lower	Upper
95	100		
174	65.6	48.3	72.5
175	4.6	3.5	5.3

Manual Integrations
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