

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038350.D
 Acq On : 14 Feb 2022 21:25
 Operator : SY/AP
 Sample : N1442-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 15 00:42:21 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	5.642	49	869535	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	7.143	114	2330576	10.000	ppbv	-0.04
55) Chlorobenzene-d5	12.050	117	2011861	10.000	ppbv	#-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.378	95	1596455	10.455	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.500%
Target Compounds						
3) Chlorodifluoromethane	2.980	51	1400078	8.088	ppbv	99
9) Propene	3.009	41	22742	0.404	ppbv	83
13) Ethanol	3.587	45	256847	42.459	ppbv	94
15) Acetone	3.841	43	112996	1.474	ppbv	99
19) Isopropyl Alcohol	3.954	45	137071	2.859	ppbv #	96
20) Methylene Chloride	4.330	84	13933m	0.313	ppbv	
25) Ethyl Acetate	5.655	43	78550	0.366	ppbv #	90
52) Tetrachloroethene	11.185	164	11856m	0.167	ppbv	

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

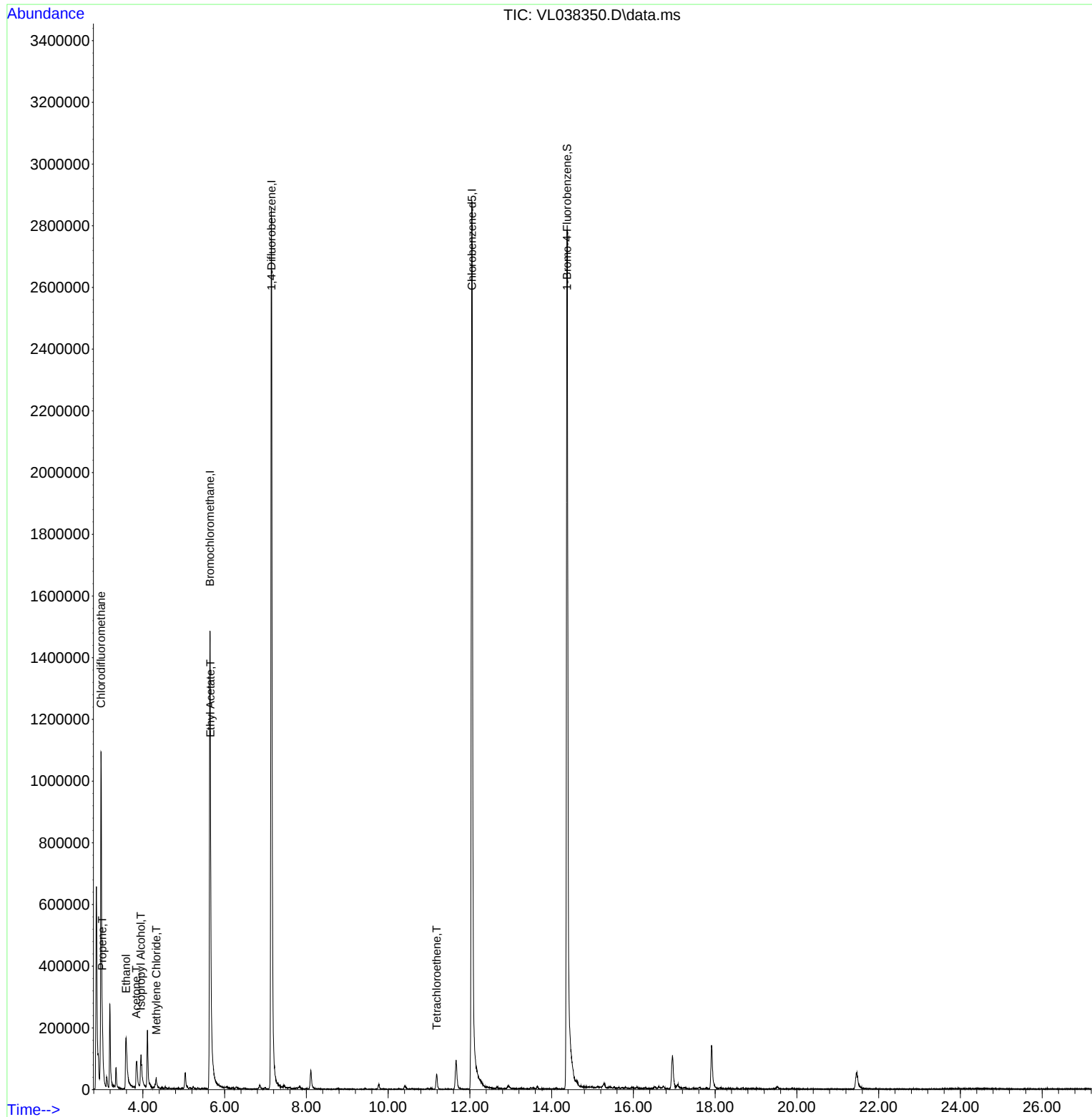
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
Data File : VL038350.D
Acq On : 14 Feb 2022 21:25
Operator : SY/AP
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Misc : 400mL/MSVOA_L
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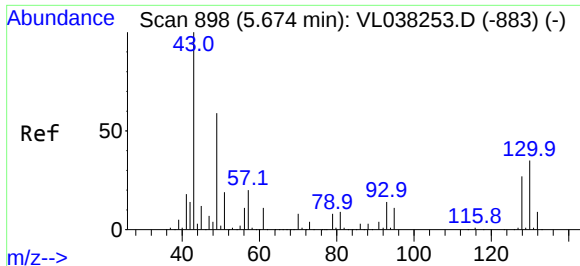
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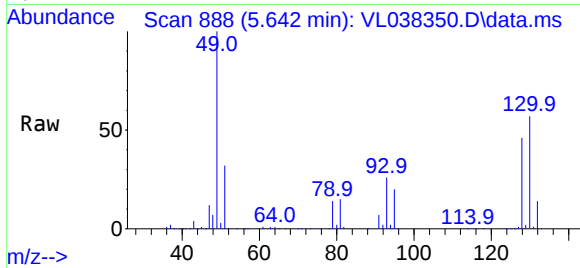
Quant Time: Feb 15 00:42:21 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.642 min Scan# 80
Delta R.T. -0.032 min
Lab File: VL038350.D
Acq: 14 Feb 2022 21:25

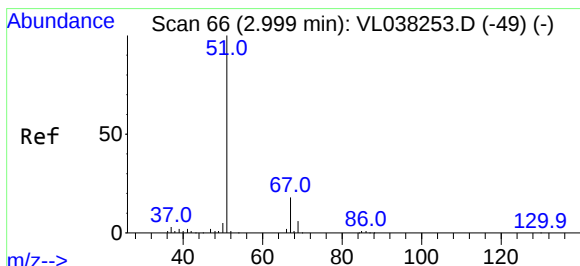
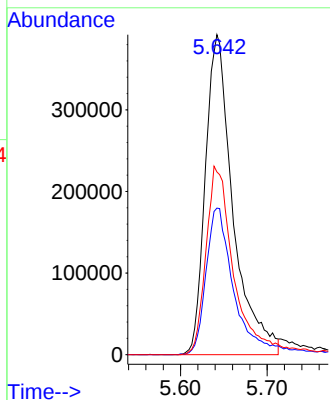
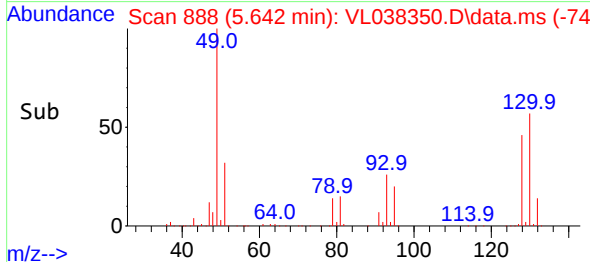
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



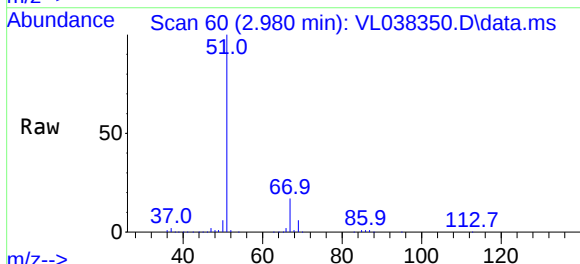
Tgt Ion: 49 Resp: 86953
Ion Ratio Lower Upper
49 100
128 48.2 24.5 73.5
130 62.8 30.1 90.5

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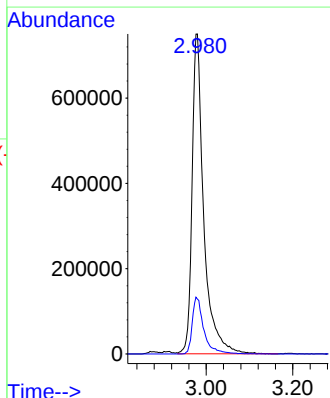
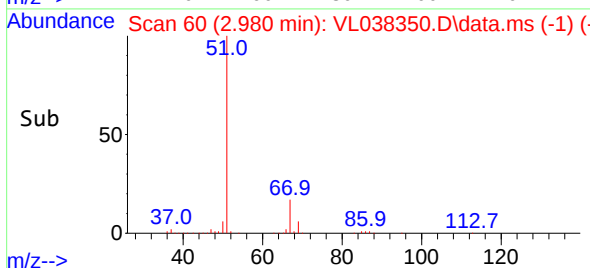
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

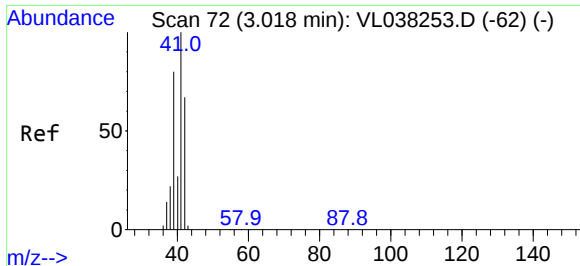


#3
Chlorodifluoromethane
Concen: 8.088 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.019 min
Lab File: VL038350.D
Acq: 14 Feb 2022 21:25



Tgt Ion: 51 Resp: 1400078
Ion Ratio Lower Upper
51 100
67 17.7 14.4 21.6





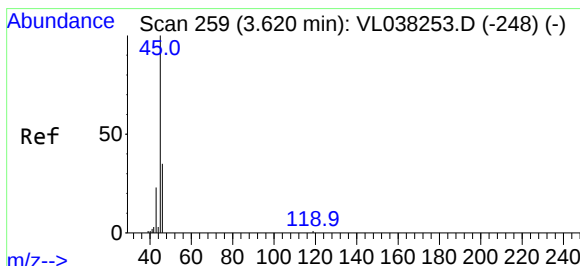
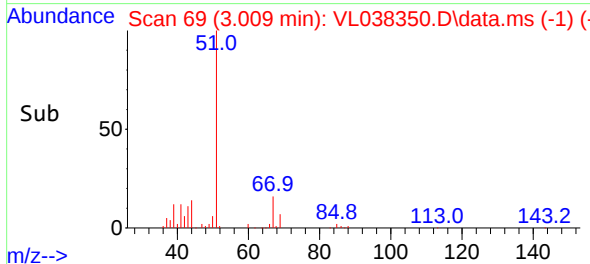
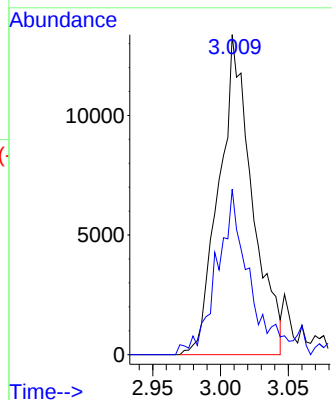
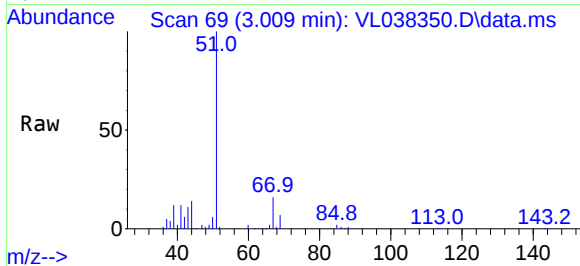
#9
Propene
Concen: 0.404 ppbv
RT: 3.009 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL038350.D
Acq: 14 Feb 2022 21:25

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 41 Resp: 2274
Ion Ratio Lower Upper
41 100
42 55.0 54.9 82.3

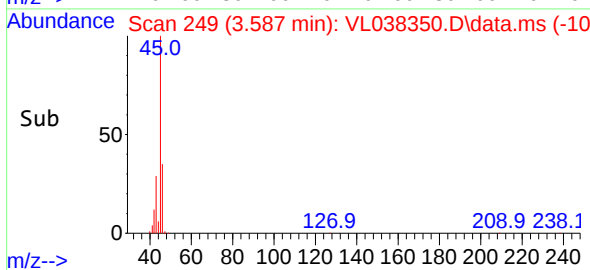
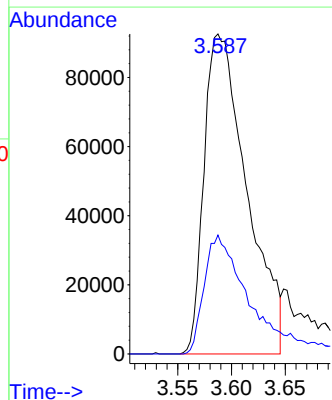
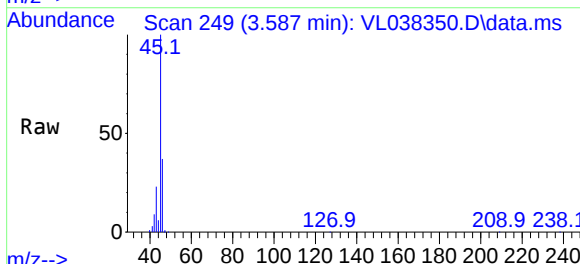
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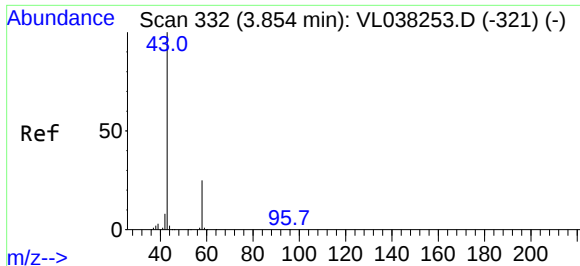
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#13
Ethanol
Concen: 42.459 ppbv
RT: 3.587 min Scan# 249
Delta R.T. -0.032 min
Lab File: VL038350.D
Acq: 14 Feb 2022 21:25

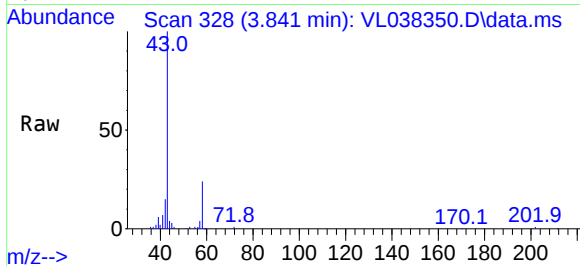
Tgt Ion: 45 Resp: 256847
Ion Ratio Lower Upper
45 100
46 42.3 15.4 61.6





#15
Acetone
Concen: 1.474 ppbv
RT: 3.841 min Scan# 311
Delta R.T. -0.013 min
Lab File: VL038350.D
Acq: 14 Feb 2022 21:25

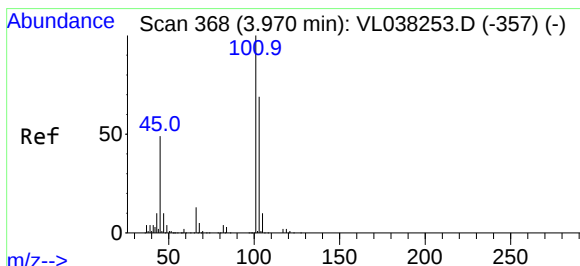
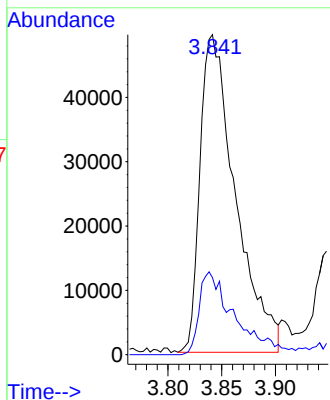
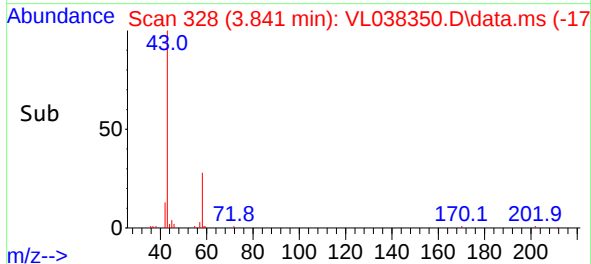
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 43 Resp: 112990
Ion Ratio Lower Upper
43 100
58 26.5 21.5 32.3

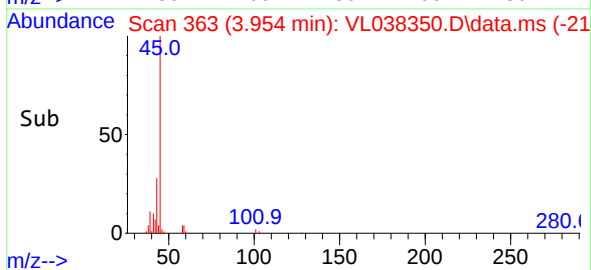
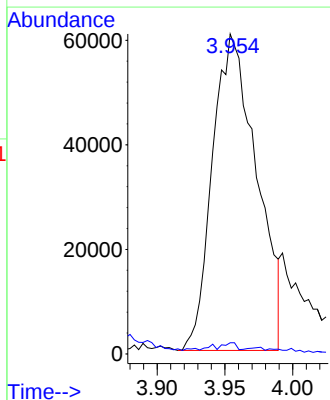
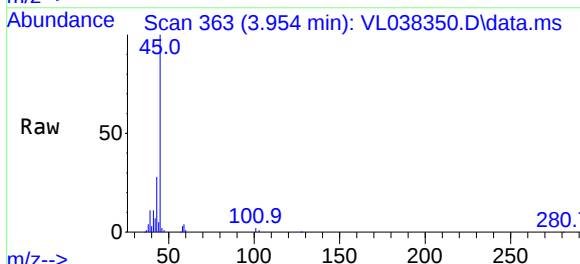
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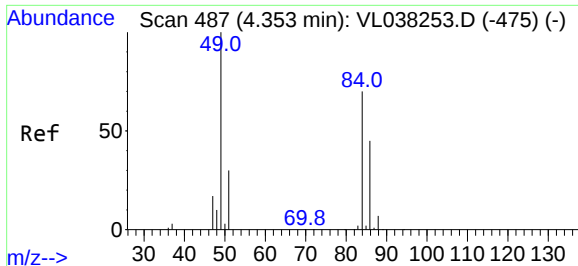
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#19
Isopropyl Alcohol
Concen: 2.859 ppbv
RT: 3.954 min Scan# 363
Delta R.T. -0.016 min
Lab File: VL038350.D
Acq: 14 Feb 2022 21:25

Tgt Ion: 45 Resp: 137071
Ion Ratio Lower Upper
45 100
58 4.1 2.3 3.5





#20

Methylene Chloride

Concen: 0.313 ppbv

RT: 4.330 min Scan# 41

Delta R.T. -0.023 min

Lab File: VL038350.D

Acq: 14 Feb 2022 21:25

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

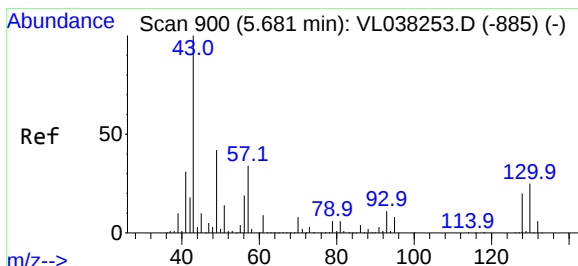
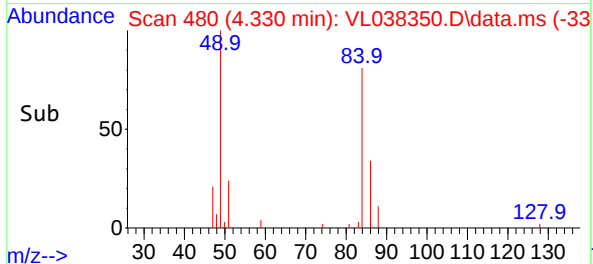
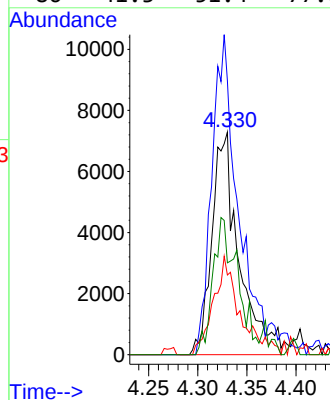
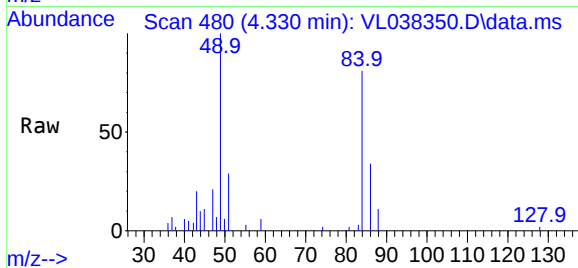
Tgt Ion: 84 Resp: 1393

Ion	Ratio	Lower	Upper
84	100		
49	123.0	115.0	172.6
51	35.8	35.0	52.6
86	41.3	51.4	77.0#

Manual Integrations

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Supervised By :Mahesh Dadoda 02/18/2022



#25

Ethyl Acetate

Concen: 0.366 ppbv

RT: 5.655 min Scan# 892

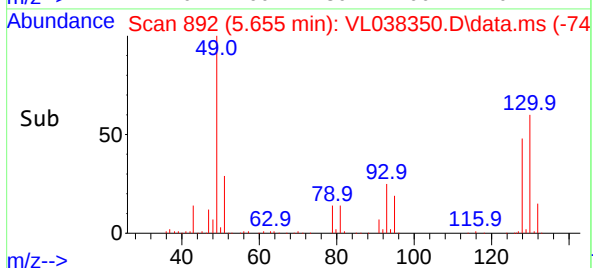
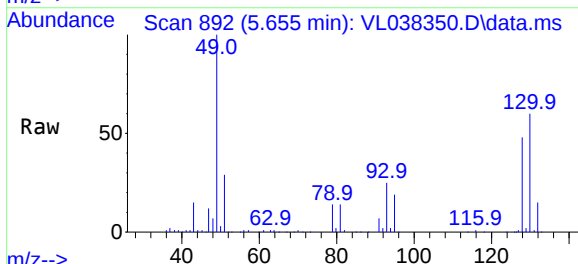
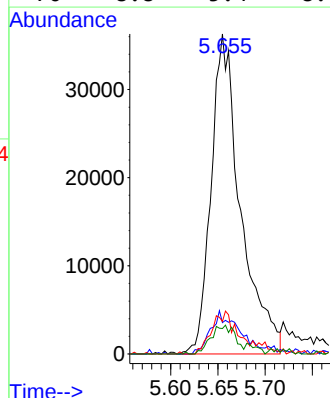
Delta R.T. -0.026 min

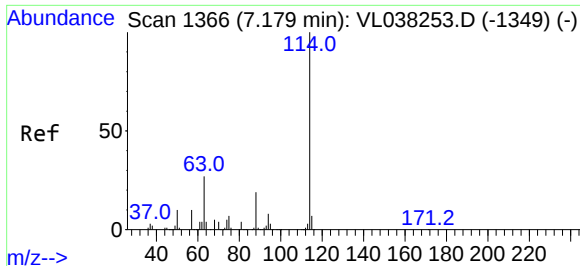
Lab File: VL038350.D

Acq: 14 Feb 2022 21:25

Tgt Ion: 43 Resp: 78550

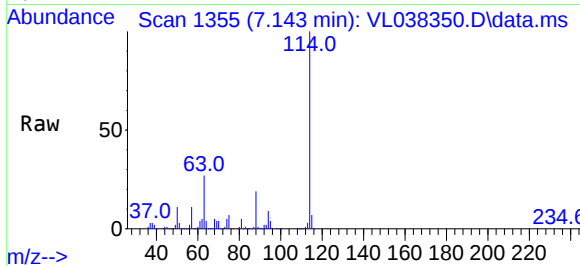
Ion	Ratio	Lower	Upper
43	100		
45	14.5	7.9	11.9#
61	13.6	7.8	11.8#
70	8.8	5.4	8.0#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.143 min Scan# 11
Delta R.T. -0.035 min
Lab File: VL038350.D
Acq: 14 Feb 2022 21:25

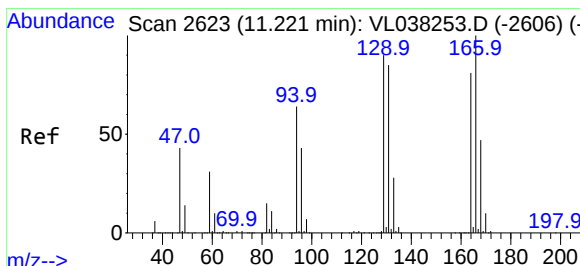
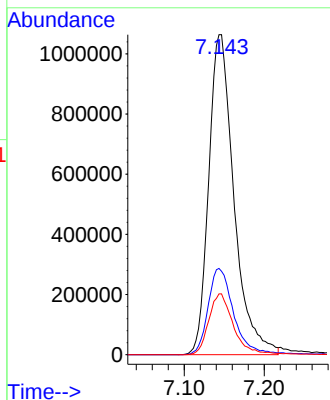
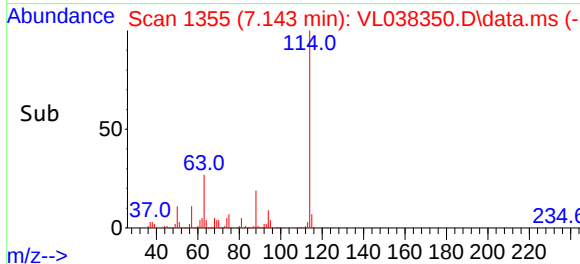
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



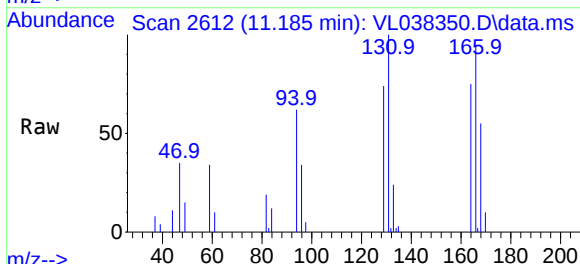
Tgt Ion:114 Resp: 2330570
Ion Ratio Lower Upper
114 100
63 27.8 22.0 33.0
88 18.8 15.0 22.6

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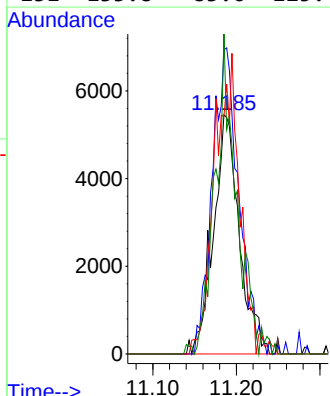
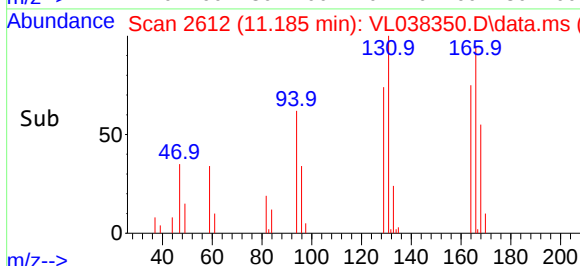
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

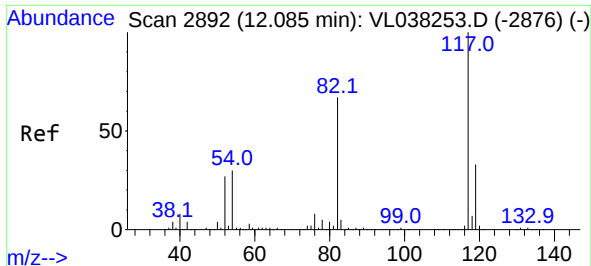


#52
Tetrachloroethene
Concen: 0.167 ppbv m
RT: 11.185 min Scan# 2612
Delta R.T. -0.035 min
Lab File: VL038350.D
Acq: 14 Feb 2022 21:25



Tgt Ion:164 Resp: 11856
Ion Ratio Lower Upper
164 100
166 127.2 98.8 148.2
129 99.3 89.2 133.8
131 133.8 83.6 125.4#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.050 min Scan# 201186

Delta R.T. -0.035 min

Lab File: VL038350.D

Acq: 14 Feb 2022 21:25

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tgt Ion:117 Resp: 201186

Ion Ratio Lower Upper

117 100

82 72.1 54.4 81.6

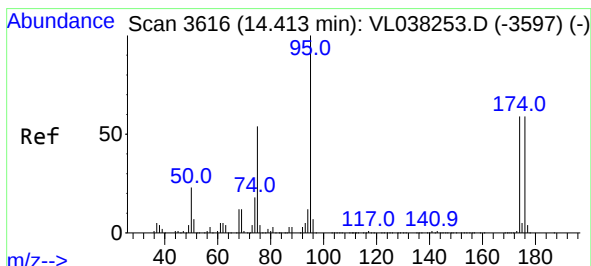
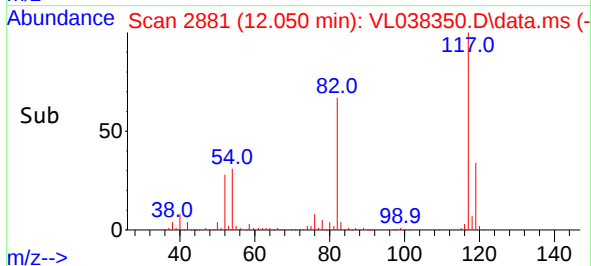
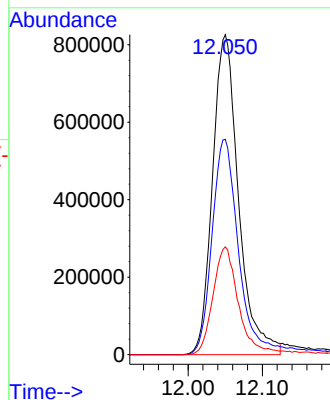
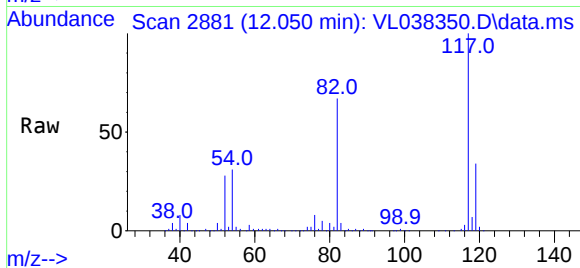
119 35.0 45.9 68.9

Manual Integrations

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Supervised By :Mahesh Dadoda 02/18/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.455 ppbv

RT: 14.378 min Scan# 3605

Delta R.T. -0.035 min

Lab File: VL038350.D

Acq: 14 Feb 2022 21:25

Tgt Ion: 95 Resp: 1596455

Ion Ratio Lower Upper

95 100

174 61.0 48.3 72.5

175 4.5 3.5 5.3

