

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038360.D
 Acq On : 15 Feb 2022 9:50
 Operator : SY/AP
 Sample : N1490-02DL 200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2022
 Supervised By :Mahesh Dadoda 02/18/2022

Quant Time: Feb 16 00:42:06 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	5.626	49	696446	10.000	ppbv	-0.05
33) 1,4-Difluorobenzene	7.124	114	2138066	10.000	ppbv	-0.05
55) Chlorobenzene-d5	12.028	117	1865635	10.000	ppbv	#-0.06
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.359	95	1510932	10.670	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	= 106.700%	
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	2.970	51	17956	0.130	ppbv	94
9) Propene	2.993	41	6362m	0.141	ppbv	
13) Ethanol	3.597	45	5173m	1.068	ppbv	
15) Acetone	3.845	43	18999m	0.309	ppbv	
20) Methylene Chloride	4.311	84	14528m	0.407	ppbv	
26) Hexane	5.645	57	12156m	0.152	ppbv	
38) Trichloroethene	7.780	130	14399	0.204	ppbv #	78
52) Tetrachloroethene	11.166	164	448185	6.876	ppbv	98

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

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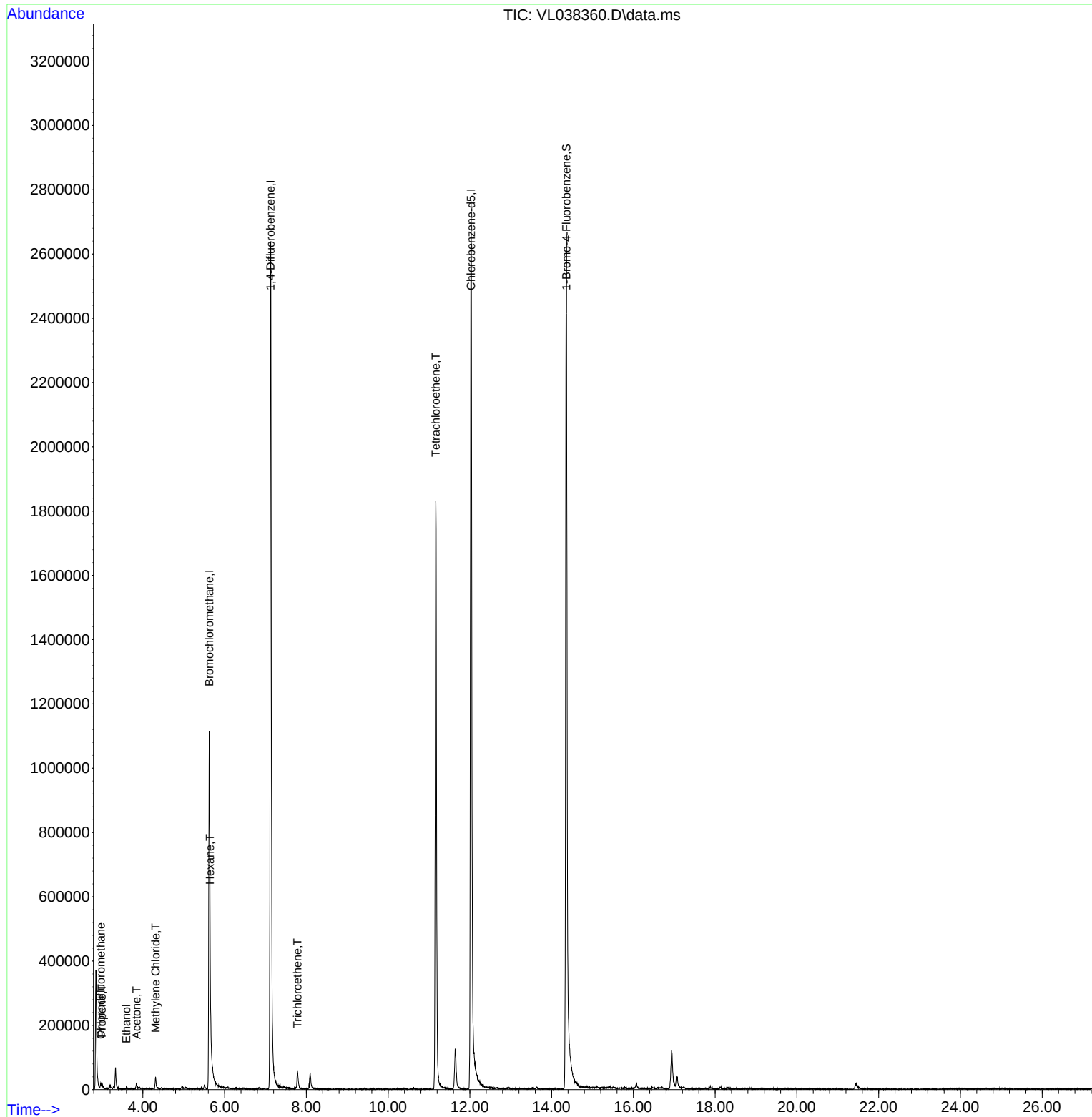
Quant Time: Feb 16 00:42:06 2022

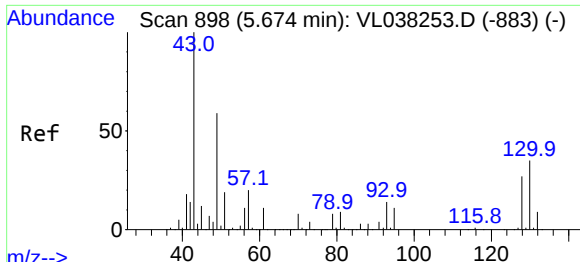
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M

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

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

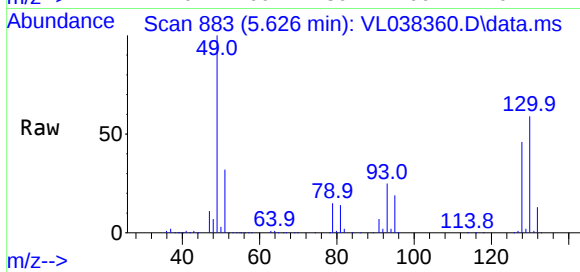
Response via : Initial Calibration





#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.626 min Scan# 81
 Delta R.T. -0.048 min
 Lab File: VL038360.D
 Acq: 15 Feb 2022 9:50

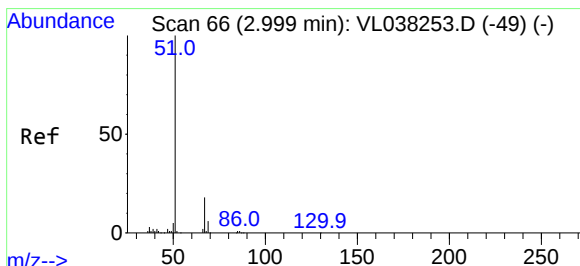
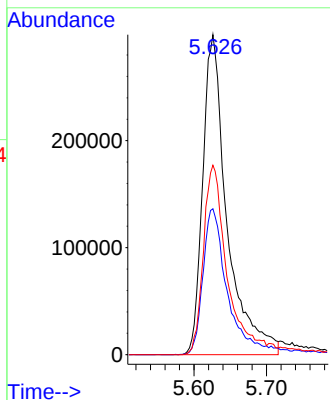
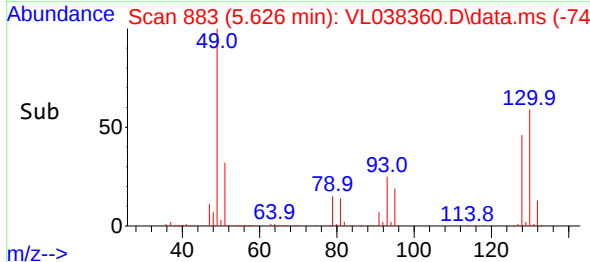
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion: 49 Resp: 696440
 Ion Ratio Lower Upper
 49 100
 128 48.9 24.5 73.5
 130 61.4 30.1 90.5

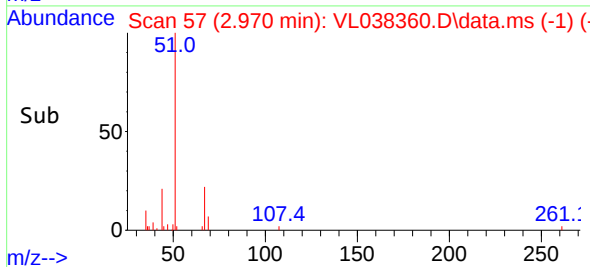
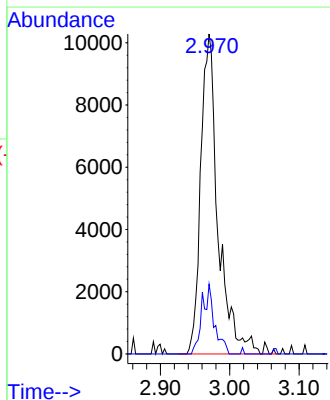
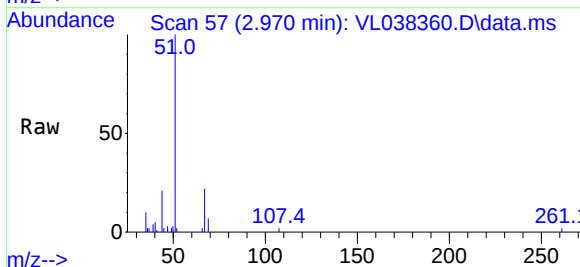
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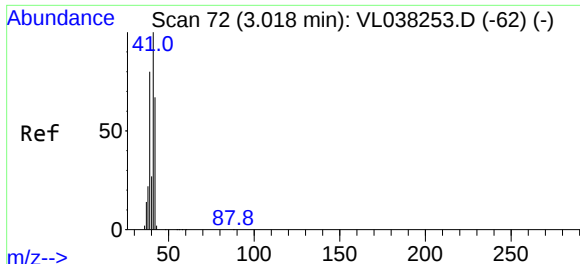
Reviewed By :Semsettin Yesilyurt 02/16/2022
 Supervised By :Mahesh Dadoda 02/18/2022



#3
 Chlorodifluoromethane
 Concen: 0.130 ppbv
 RT: 2.970 min Scan# 57
 Delta R.T. -0.029 min
 Lab File: VL038360.D
 Acq: 15 Feb 2022 9:50

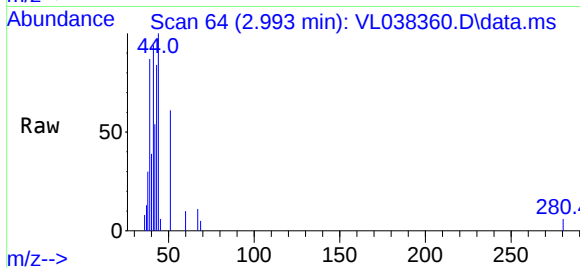
Tgt Ion: 51 Resp: 17956
 Ion Ratio Lower Upper
 51 100
 67 15.5 14.4 21.6





#9
Propene
Concen: 0.141 ppbv m
RT: 2.993 min Scan# 64
Delta R.T. -0.026 min
Lab File: VL038360.D
Acq: 15 Feb 2022 9:50

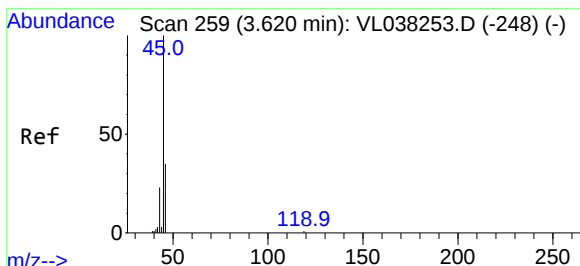
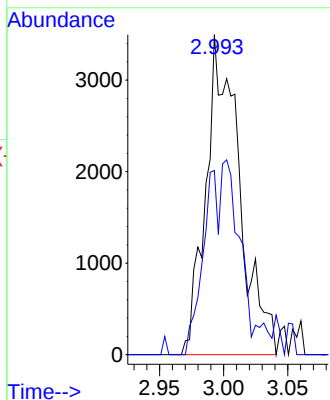
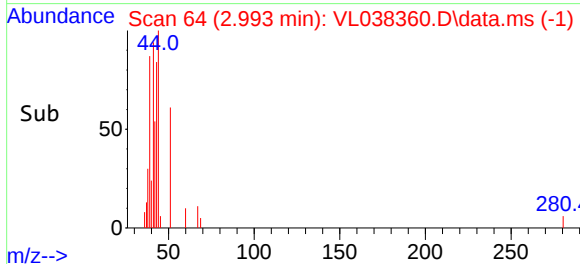
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 41 Resp: 6362
Ion Ratio Lower Upper
41 100
42 0.0 54.9 82.3

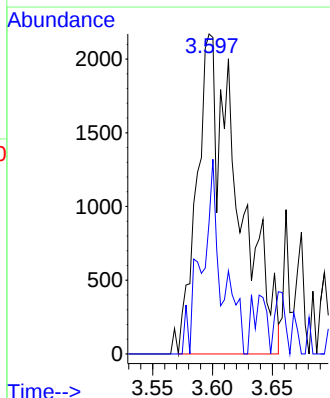
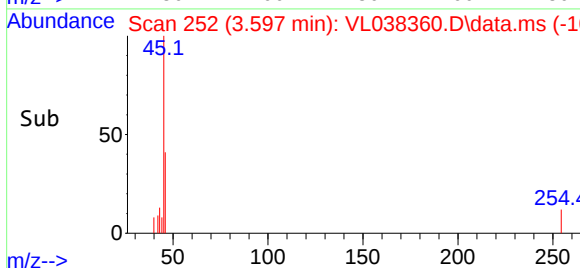
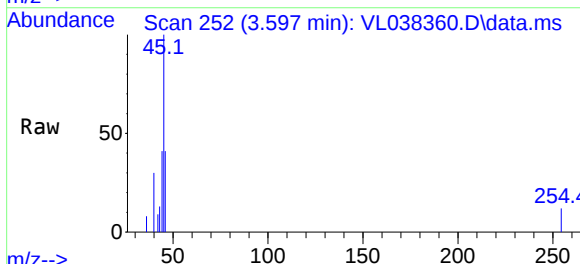
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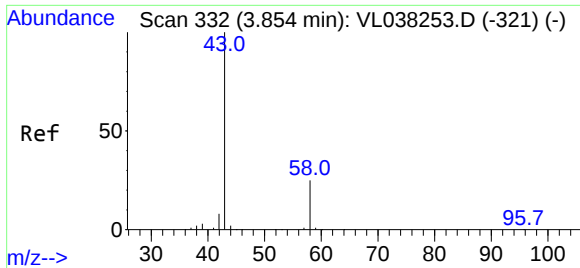
Reviewed By :Semsettin Yesilyurt 02/16/2022
Supervised By :Mahesh Dadoda 02/18/2022



#13
Ethanol
Concen: 1.068 ppbv m
RT: 3.597 min Scan# 252
Delta R.T. -0.022 min
Lab File: VL038360.D
Acq: 15 Feb 2022 9:50

Tgt Ion: 45 Resp: 5173
Ion Ratio Lower Upper
45 100
46 44.0 15.4 61.6





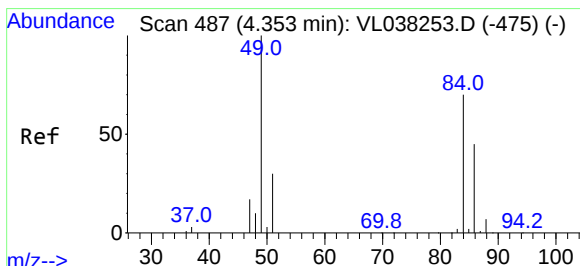
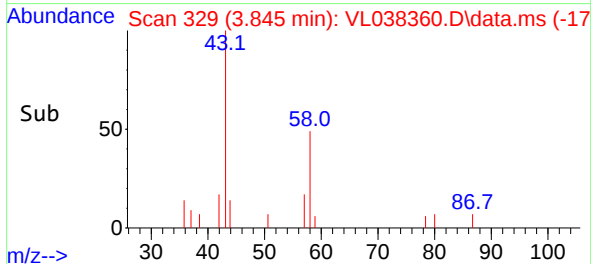
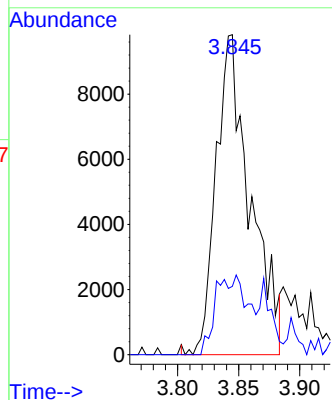
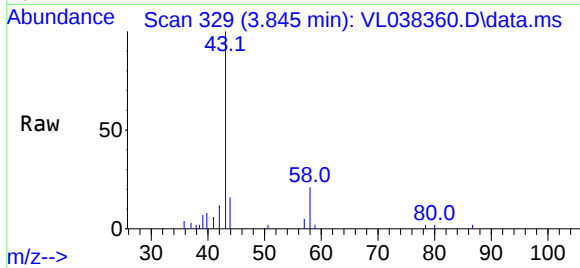
#15
Acetone
Concen: 0.309 ppbv m
RT: 3.845 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL038360.D
Acq: 15 Feb 2022 9:50

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 1899
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3

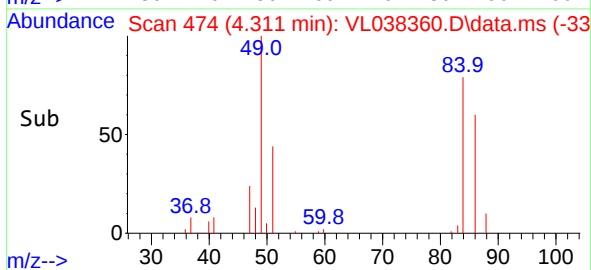
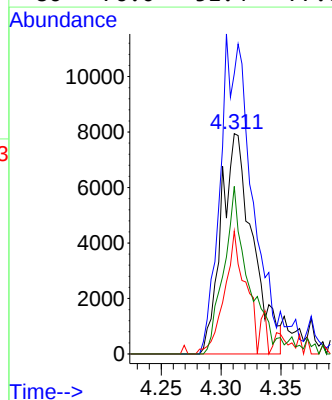
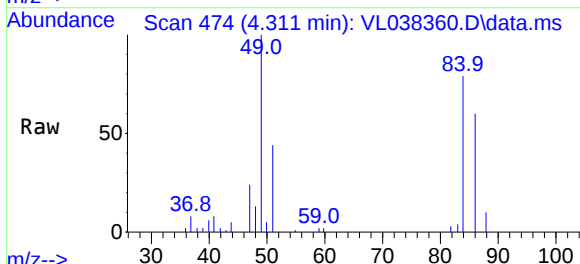
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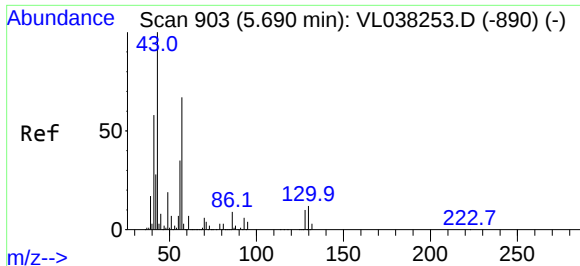
Reviewed By :Semsettin Yesilyurt 02/16/2022
Supervised By :Mahesh Dadoda 02/18/2022



#20
Methylene Chloride
Concen: 0.407 ppbv m
RT: 4.311 min Scan# 474
Delta R.T. -0.042 min
Lab File: VL038360.D
Acq: 15 Feb 2022 9:50

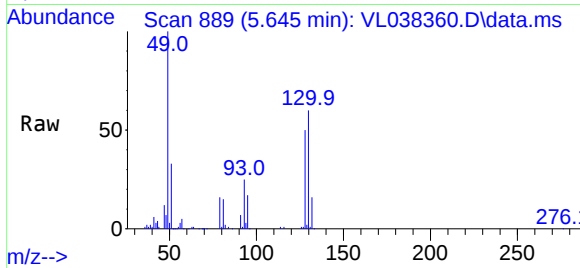
Tgt Ion: 84 Resp: 14528
Ion Ratio Lower Upper
84 100
49 127.2 115.0 172.6
51 55.8 35.0 52.6#
86 76.0 51.4 77.0





#26
Hexane
Concen: 0.152 ppbv m
RT: 5.645 min Scan# 81
Delta R.T. -0.045 min
Lab File: VL038360.D
Acq: 15 Feb 2022 9:50

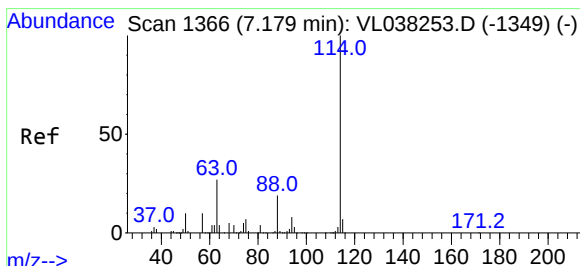
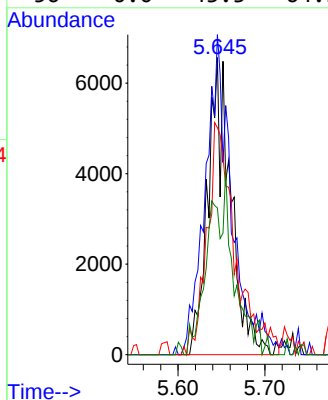
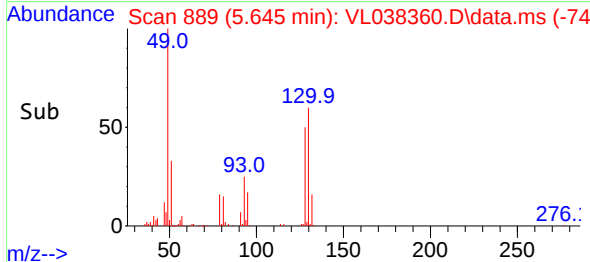
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 12150
Ion Ratio Lower Upper
57 100
41 126.5 72.8 109.2
43 98.9 177.0 265.6
56 0.0 43.3 64.9

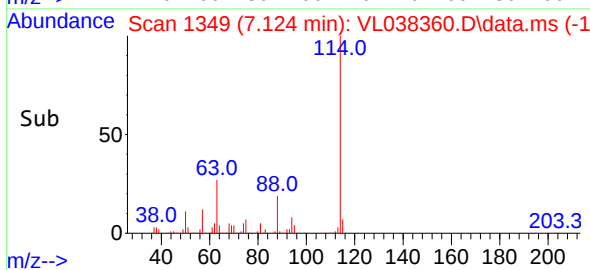
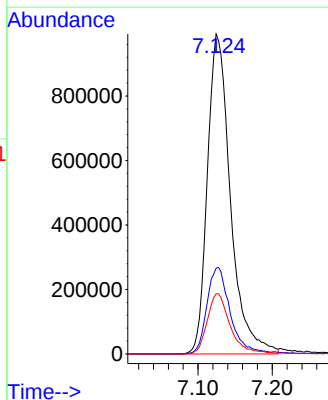
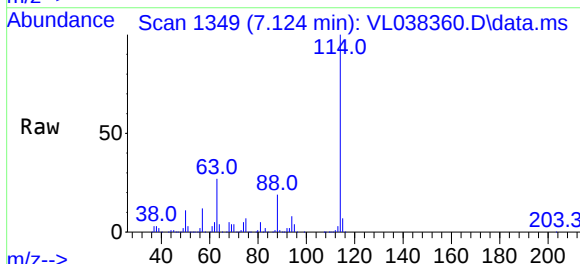
Manual Integrations
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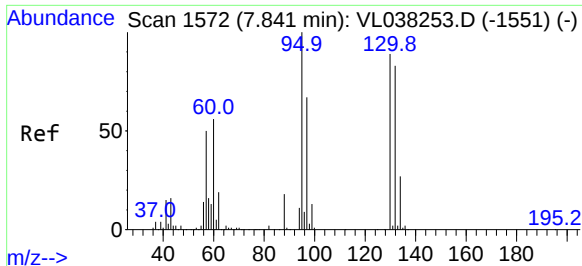
Reviewed By :Semsettin Yesilyurt 02/16/2022
Supervised By :Mahesh Dadoda 02/18/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.124 min Scan# 1349
Delta R.T. -0.055 min
Lab File: VL038360.D
Acq: 15 Feb 2022 9:50

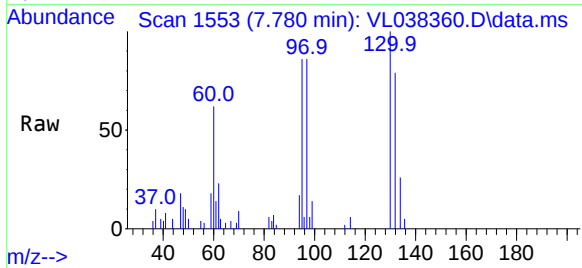
Tgt Ion:114 Resp: 2138066
Ion Ratio Lower Upper
114 100
63 27.9 22.0 33.0
88 19.1 15.0 22.6





#38
Trichloroethene
Concen: 0.204 ppbv
RT: 7.780 min Scan# 1572
Delta R.T. -0.061 min
Lab File: VL038360.D
Acq: 15 Feb 2022 9:50

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

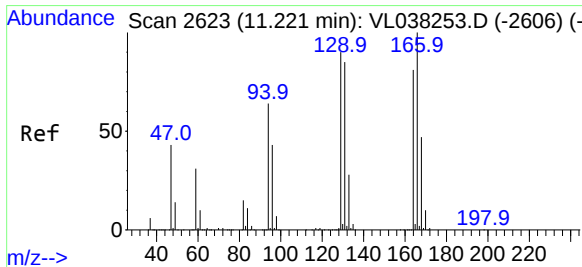
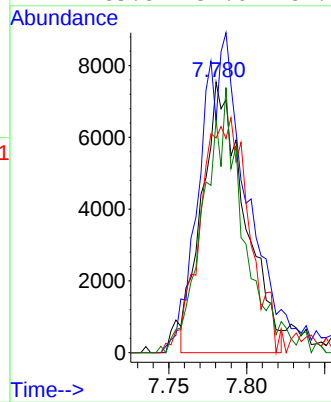
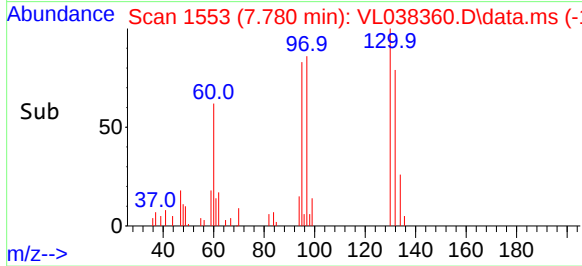


Tgt Ion:130 Resp: 14395

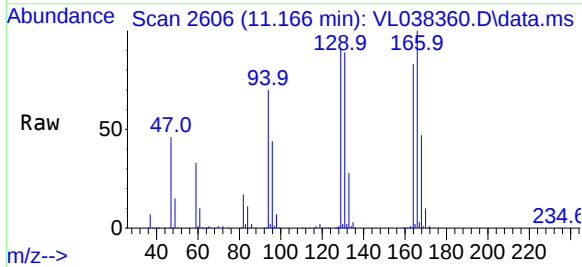
Ion	Ratio	Lower	Upper
130	100		
95	75.9	89.4	134.2
132	77.1	74.6	111.8
97	83.8	59.6	89.4

Manual Integrations
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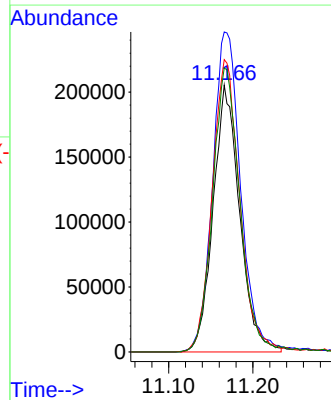
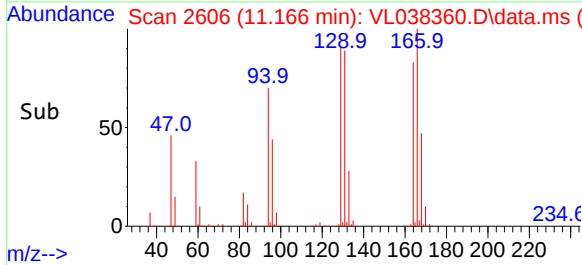


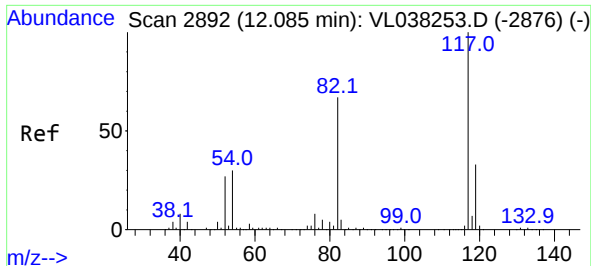
#52
Tetrachloroethene
Concen: 6.876 ppbv
RT: 11.166 min Scan# 2606
Delta R.T. -0.055 min
Lab File: VL038360.D
Acq: 15 Feb 2022 9:50



Tgt Ion:164 Resp: 448185

Ion	Ratio	Lower	Upper
164	100		
166	119.6	98.8	148.2
129	109.5	89.2	133.8
131	106.3	83.6	125.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.028 min Scan# 21

Delta R.T. -0.058 min

Lab File: VL038360.D

Acq: 15 Feb 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion:117 Resp: 186563

Ion Ratio Lower Upper

117 100

82 72.9 54.4 81.6

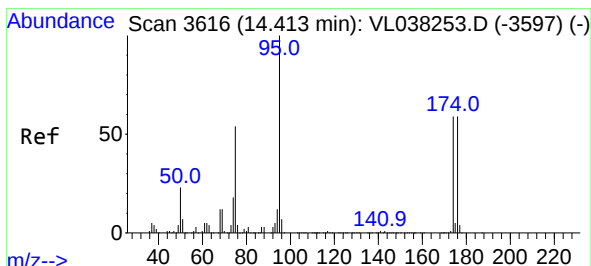
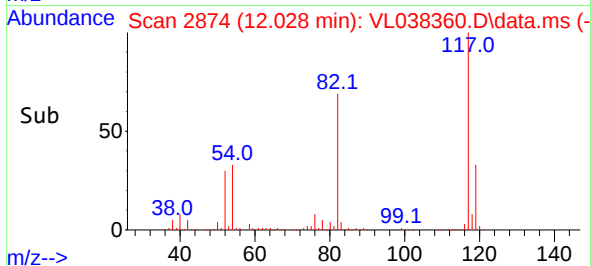
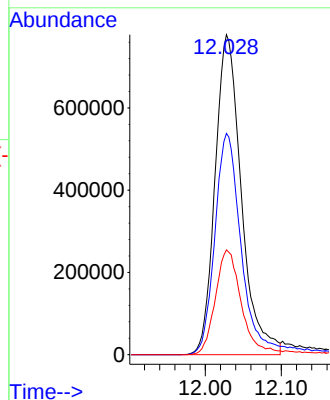
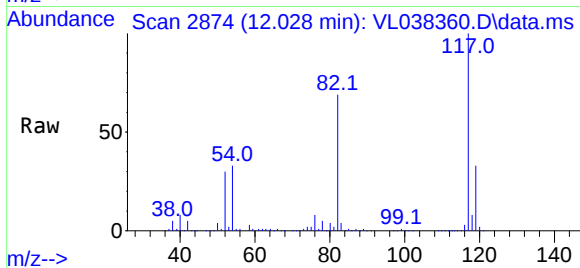
119 34.1 45.9 68.9

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.670 ppbv

RT: 14.359 min Scan# 3599

Delta R.T. -0.055 min

Lab File: VL038360.D

Acq: 15 Feb 2022 9:50

Tgt Ion: 95 Resp: 1510932

Ion Ratio Lower Upper

95 100

174 60.1 48.3 72.5

175 4.3 3.5 5.3

