

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038695.D
 Acq On : 22 Mar 2022 22:23
 Operator : SY/AP
 Sample : N1961-14DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P77DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 04:17:19 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 23 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.651	49	848875	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.156	114	2330925	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.063	117	2039369	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.391	95	1493142	9.550	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.500%
Target Compounds						
3) Chlorodifluoromethane	2.986	51	36239	0.404	ppbv #	92
4) Chloromethane	3.134	50	5024	0.102	ppbv	93
9) Propene	3.015	41	34429m	0.795	ppbv	
13) Ethanol	3.600	45	58699m	12.294	ppbv	
15) Acetone	3.851	43	79020m	1.079	ppbv	
19) Isopropyl Alcohol	3.963	45	28161	0.693	ppbv #	87
20) Methylene Chloride	4.333	84	225459	7.308	ppbv	98
26) Hexane	5.671	57	307133	3.721	ppbv #	58
30) Cyclohexane	7.108	84	211945	2.953	ppbv	90
53) Toluene	9.786	91	7503215	38.817	ppbv	96

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

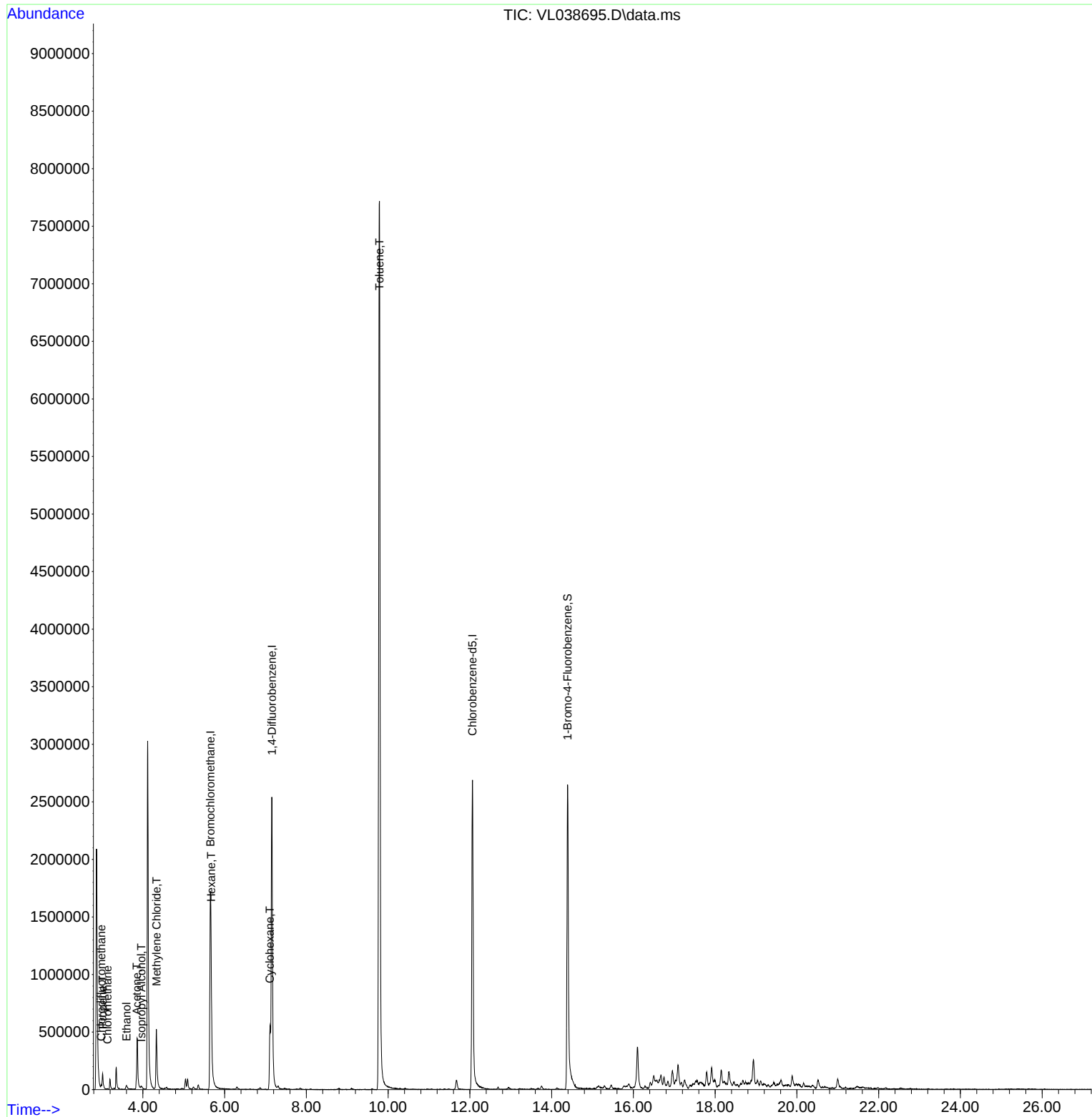
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
Data File : VL038695.D
Acq On : 22 Mar 2022 22:23
Operator : SY/AP
Sample : N1961-14DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

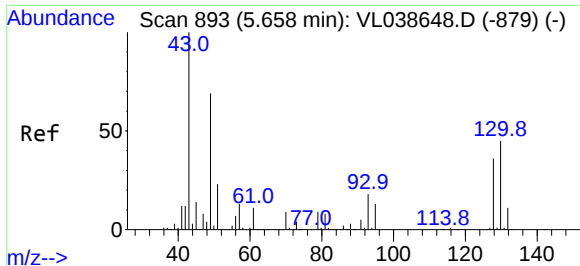
Instrument :
MSVOA_L
ClientSampleId :
C0P77DL

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 03/24/2022
Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 04:17:19 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





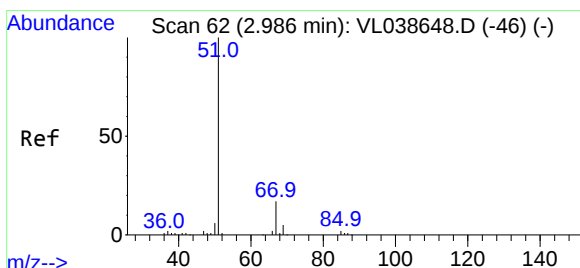
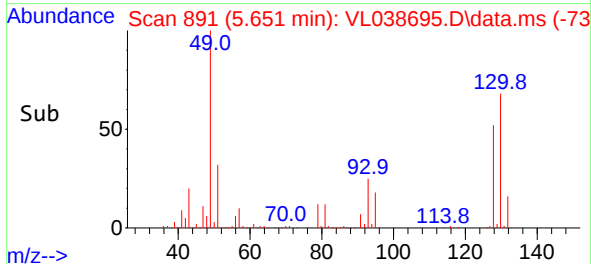
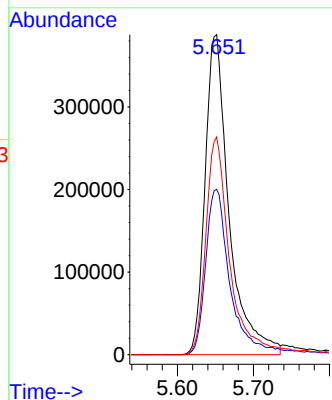
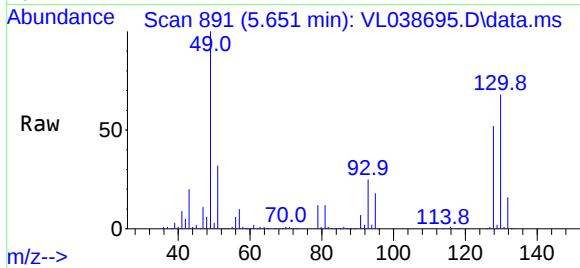
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.651 min Scan# 893
Delta R.T. -0.007 min
Lab File: VL038695.D
Acq: 22 Mar 2022 22:23

Instrument :
MSVOA_L
ClientSampleId :
COP77DL

Tgt Ion: 49 Resp: 848875
Ion Ratio Lower Upper
49 100
128 54.3 26.2 78.6
130 70.3 33.7 101.1

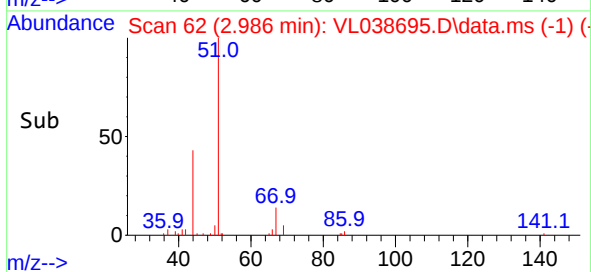
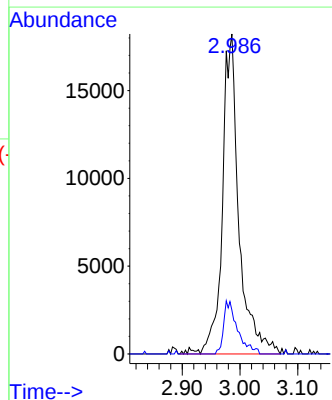
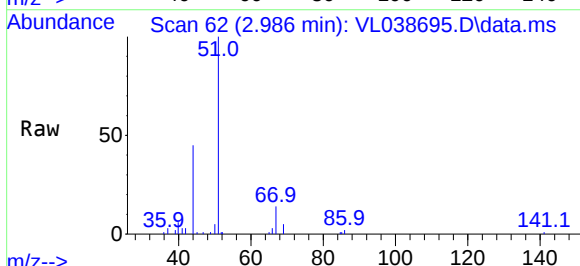
Manual Integrations
APPROVED

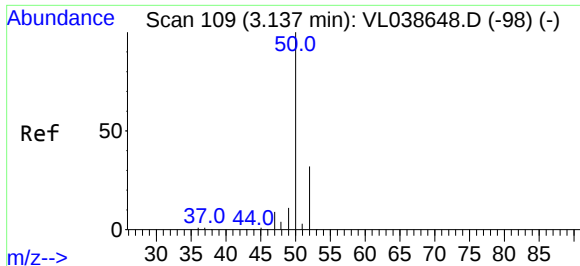
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/25/2022



#3
Chlorodifluoromethane
Concen: 0.404 ppbv
RT: 2.986 min Scan# 62
Delta R.T. -0.000 min
Lab File: VL038695.D
Acq: 22 Mar 2022 22:23

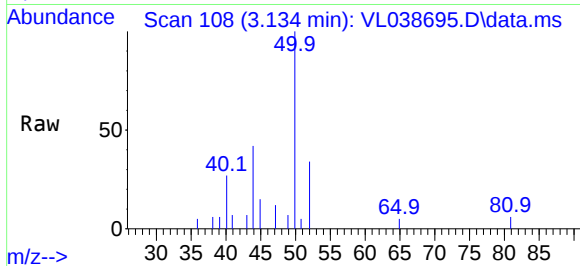
Tgt Ion: 51 Resp: 36239
Ion Ratio Lower Upper
51 100
67 14.0 14.1 21.1#





#4
Chloromethane
Concen: 0.102 ppbv
RT: 3.134 min Scan# 109
Delta R.T. -0.003 min
Lab File: VL038695.D
Acq: 22 Mar 2022 22:23

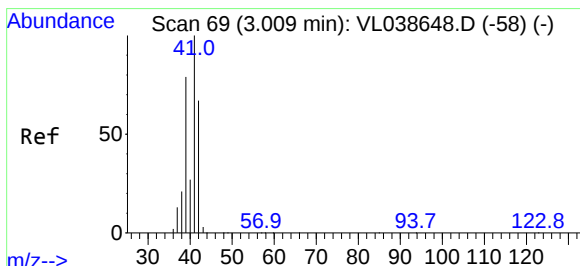
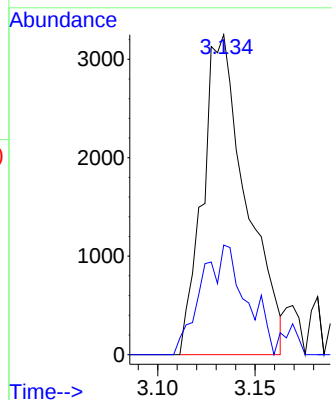
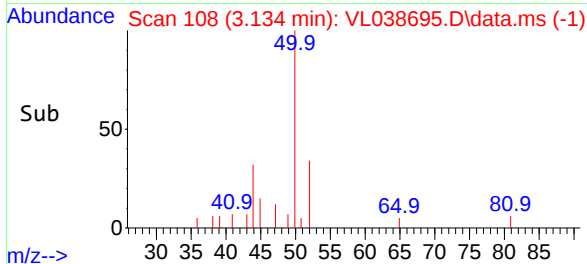
Instrument :
MSVOA_L
ClientSampleId :
COP77DL



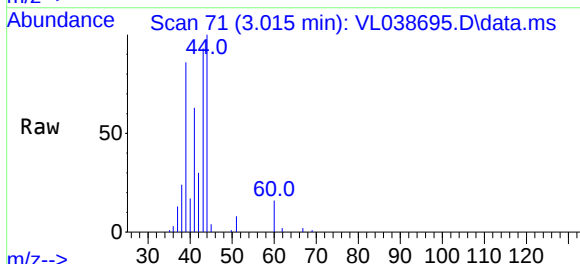
Tgt Ion: 50 Resp: 5024
Ion Ratio Lower Upper
50 100
52 27.7 25.5 38.3

Manual Integrations
APPROVED

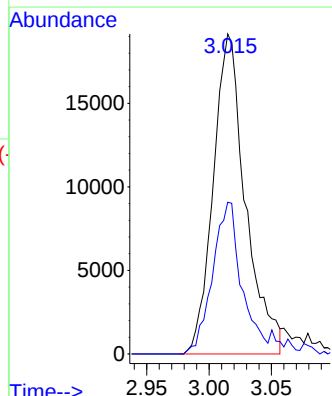
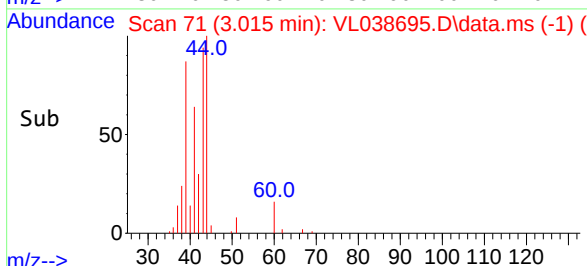
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/25/2022

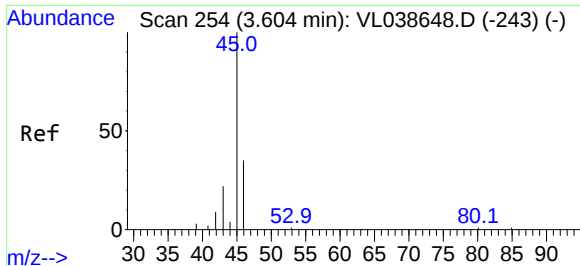


#9
Propene
Concen: 0.795 ppbv m
RT: 3.015 min Scan# 71
Delta R.T. 0.006 min
Lab File: VL038695.D
Acq: 22 Mar 2022 22:23



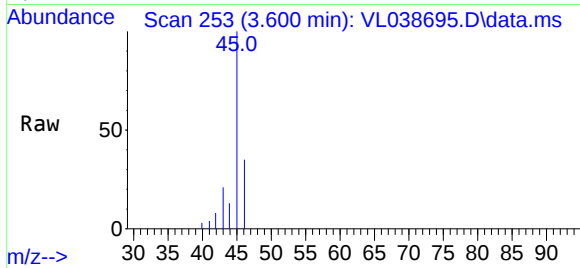
Tgt Ion: 41 Resp: 34429
Ion Ratio Lower Upper
41 100
42 63.3 56.2 84.4





#13
Ethanol
Concen: 12.294 ppbv m
RT: 3.600 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038695.D
Acq: 22 Mar 2022 22:23

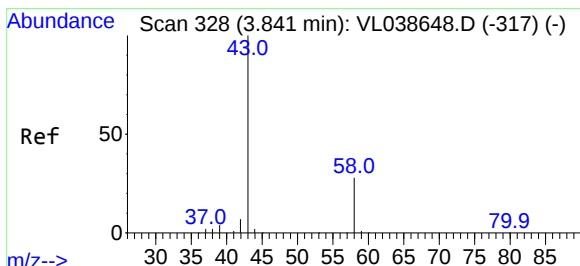
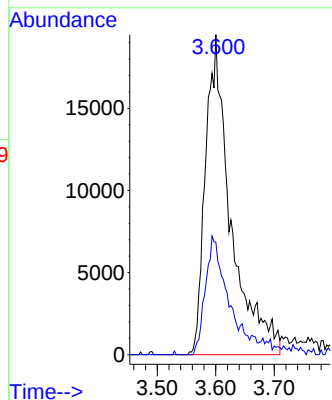
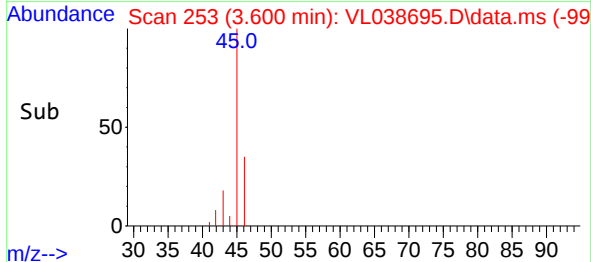
Instrument :
MSVOA_L
ClientSampleId :
COP77DL



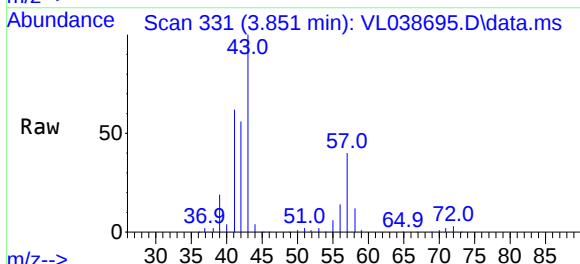
Tgt Ion: 45 Resp: 5869
Ion Ratio Lower Upper
45 100
46 0.0 15.1 60.5

Manual Integrations
APPROVED

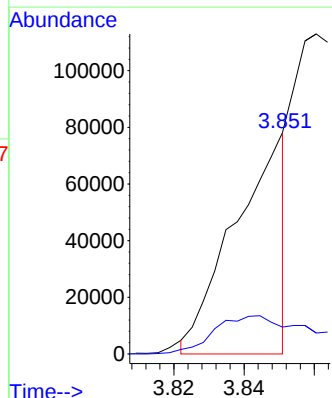
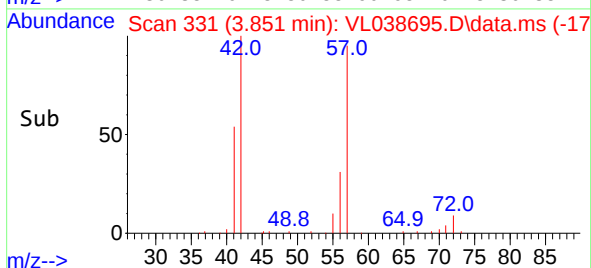
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/25/2022

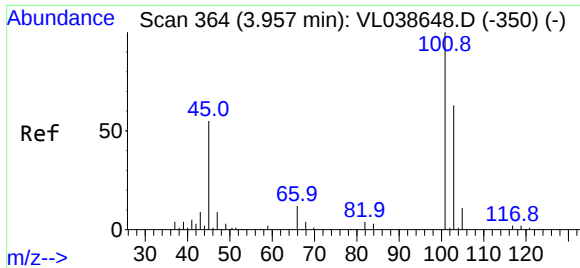


#15
Acetone
Concen: 1.079 ppbv m
RT: 3.851 min Scan# 331
Delta R.T. 0.009 min
Lab File: VL038695.D
Acq: 22 Mar 2022 22:23



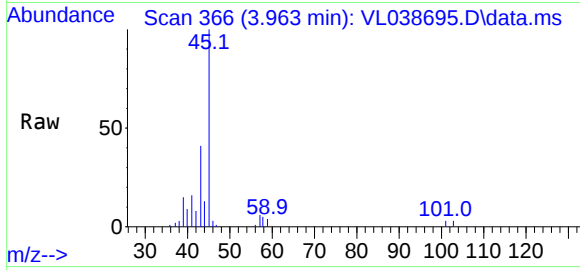
Tgt Ion: 43 Resp: 79020
Ion Ratio Lower Upper
43 100
58 40.2 23.3 34.9





#19
Isopropyl Alcohol
Concen: 0.693 ppbv
RT: 3.963 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL038695.D
Acq: 22 Mar 2022 22:23

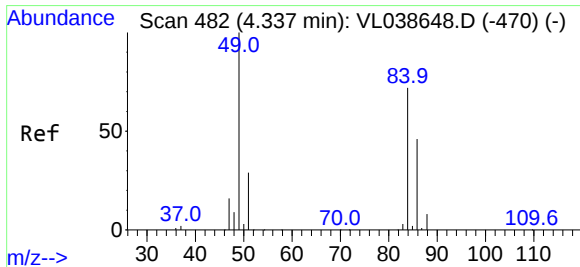
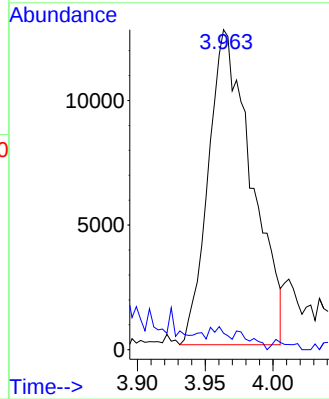
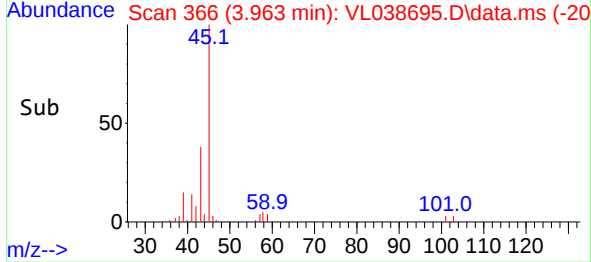
Instrument :
MSVOA_L
ClientSampleId :
COP77DL



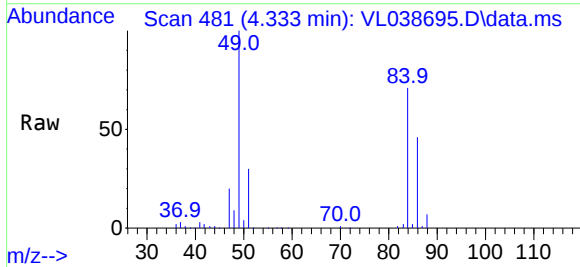
Tgt Ion: 45 Resp: 2816
Ion Ratio Lower Upper
45 100
58 7.1 2.3 3.5

Manual Integrations
APPROVED

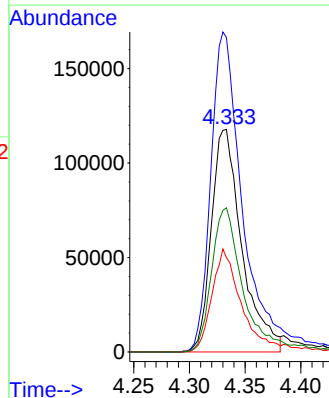
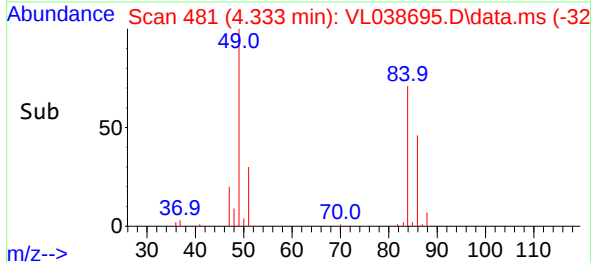
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/25/2022

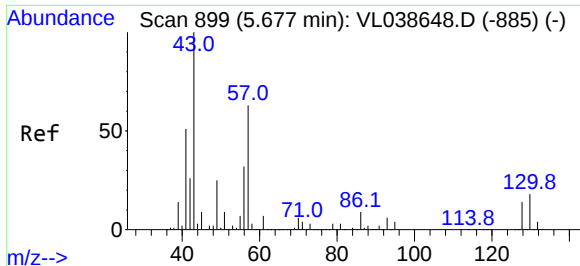


#20
Methylene Chloride
Concen: 7.308 ppbv
RT: 4.333 min Scan# 481
Delta R.T. -0.003 min
Lab File: VL038695.D
Acq: 22 Mar 2022 22:23



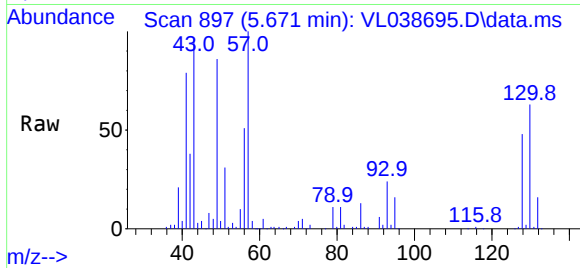
Tgt Ion: 84 Resp: 225459
Ion Ratio Lower Upper
84 100
49 141.2 111.2 166.8
51 42.4 32.8 49.2
86 64.7 51.4 77.0





#26
Hexane
Concen: 3.721 ppbv
RT: 5.671 min Scan# 899
Delta R.T. -0.007 min
Lab File: VL038695.D
Acq: 22 Mar 2022 22:23

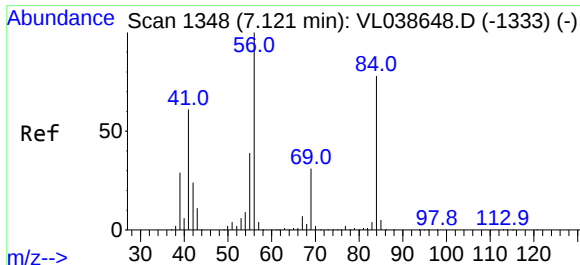
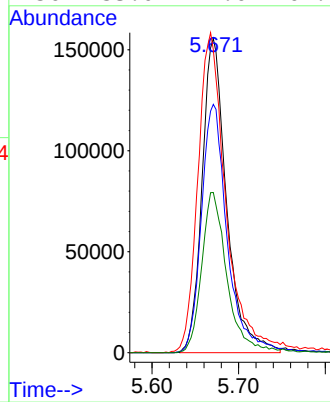
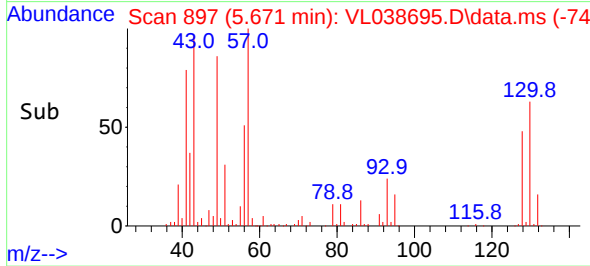
Instrument :
MSVOA_L
ClientSampleId :
COP77DL



Tgt Ion: 57 Resp: 30713
Ion Ratio Lower Upper
57 100
41 84.0 67.0 100.4
43 119.1 184.2 276.2
56 53.0 42.6 64.0

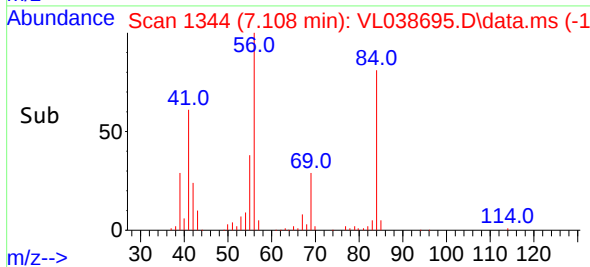
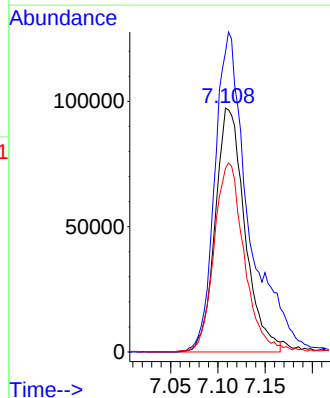
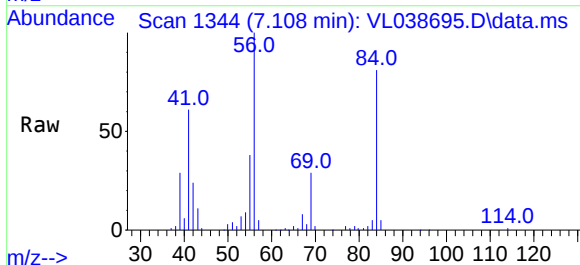
Manual Integrations
APPROVED

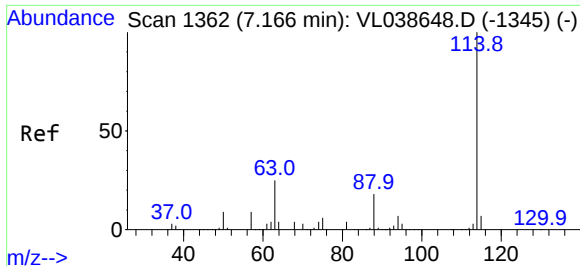
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/25/2022



#30
Cyclohexane
Concen: 2.953 ppbv
RT: 7.108 min Scan# 1344
Delta R.T. -0.013 min
Lab File: VL038695.D
Acq: 22 Mar 2022 22:23

Tgt Ion: 84 Resp: 211945
Ion Ratio Lower Upper
84 100
56 151.8 108.2 162.4
41 79.4 61.8 92.6





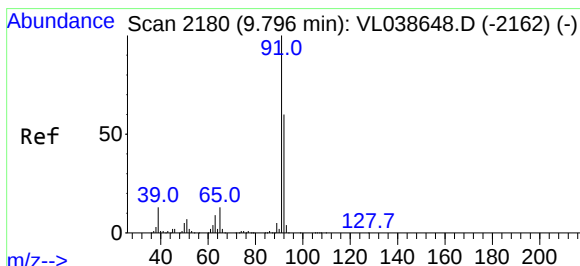
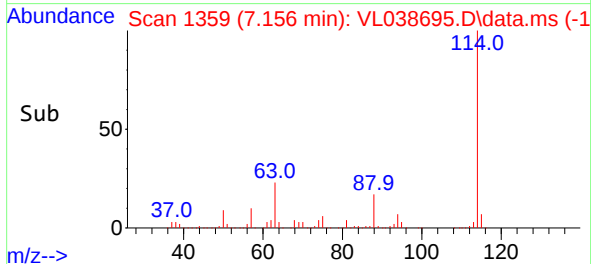
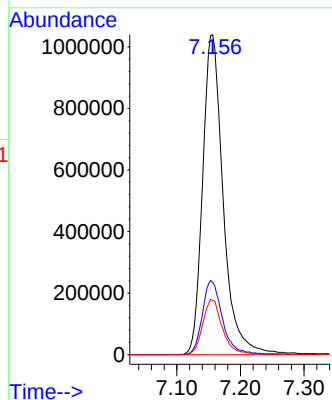
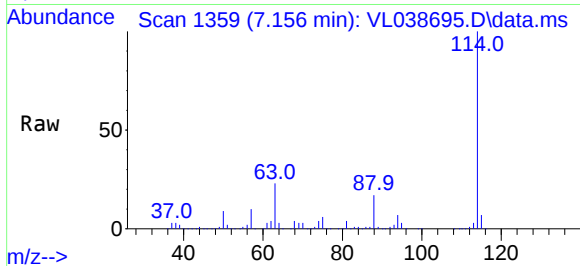
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.156 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL038695.D
Acq: 22 Mar 2022 22:23

Instrument :
MSVOA_L
ClientSampleId :
COP77DL

Tgt Ion:114 Resp: 233092
Ion Ratio Lower Upper
114 100
63 23.0 19.4 29.0
88 16.7 13.9 20.9

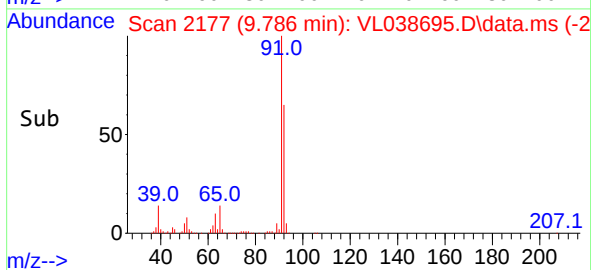
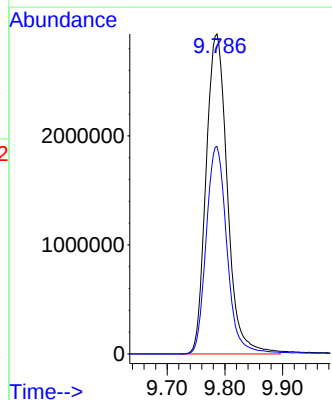
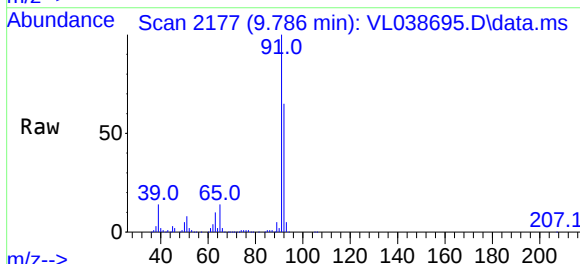
Manual Integrations
APPROVED

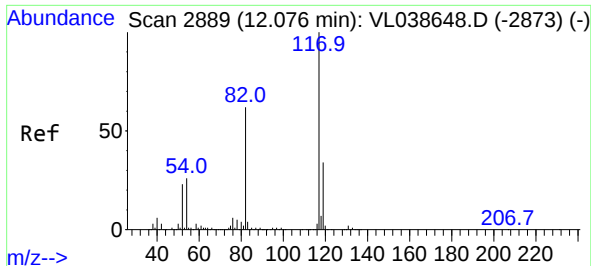
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/25/2022



#53
Toluene
Concen: 38.817 ppbv
RT: 9.786 min Scan# 2177
Delta R.T. -0.010 min
Lab File: VL038695.D
Acq: 22 Mar 2022 22:23

Tgt Ion: 91 Resp: 7503215
Ion Ratio Lower Upper
91 100
92 63.9 48.7 73.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.063 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL038695.D

Acq: 22 Mar 2022 22:23

Instrument :

MSVOA_L

ClientSampleId :

COP77DL

Tgt Ion: 117 Resp: 203936

Ion Ratio Lower Upper

117 100

82 62.9 51.6 77.4

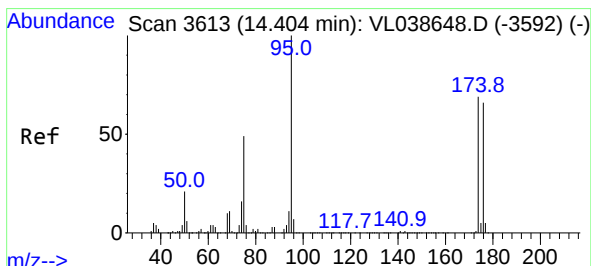
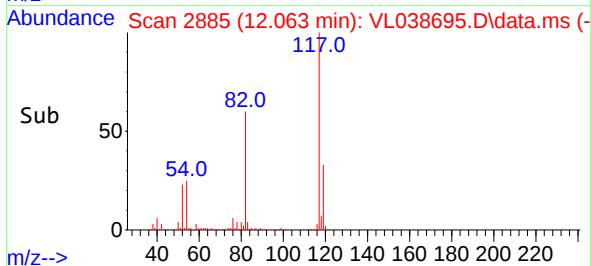
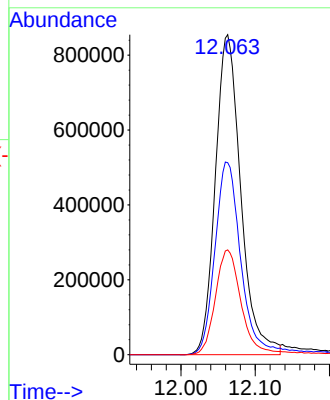
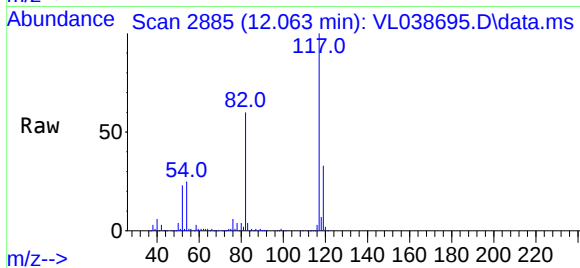
119 34.4 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/25/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.550 ppbv

RT: 14.391 min Scan# 3609

Delta R.T. -0.013 min

Lab File: VL038695.D

Acq: 22 Mar 2022 22:23

Tgt Ion: 95 Resp: 1493142

Ion Ratio Lower Upper

95 100

174 75.3 56.1 84.1

175 5.6 4.2 6.2

