

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038974.D
 Acq On : 5 May 2022 16:00
 Operator : SY/AP
 Sample : N2698-02DL 5X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022

Quant Time: May 06 08:20:42 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu May 05 07:41:27 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1303402	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3375865	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2915078	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2254261	9.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	50783m	0.719	ppbv	
13) Ethanol	3.61	45	318625	57.768	ppbv	92
15) Acetone	3.85	43	221530	1.802	ppbv	92
20) Methylene Chloride	4.35	84	49565	1.070	ppbv	94
26) Hexane	5.69	57	78081	0.597	ppbv #	41
58) Ethyl Benzene	12.70	91	4712080	11.232	ppbv	100
59) m/p-Xylene	12.96	91	15198715	42.438	ppbv	88
60) o-Xylene	13.68	91	6220336	18.454	ppbv	96
62) Isopropylbenzene	14.65	105	59801	0.139	ppbv	94

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL050522\
Data File : VL038974.D
Acq On : 5 May 2022 16:00
Operator : SY/AP
Sample : N2698-02DL 5X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Manual Integrations
APPROVED

Quant Time: May 06 08:20:42 2022

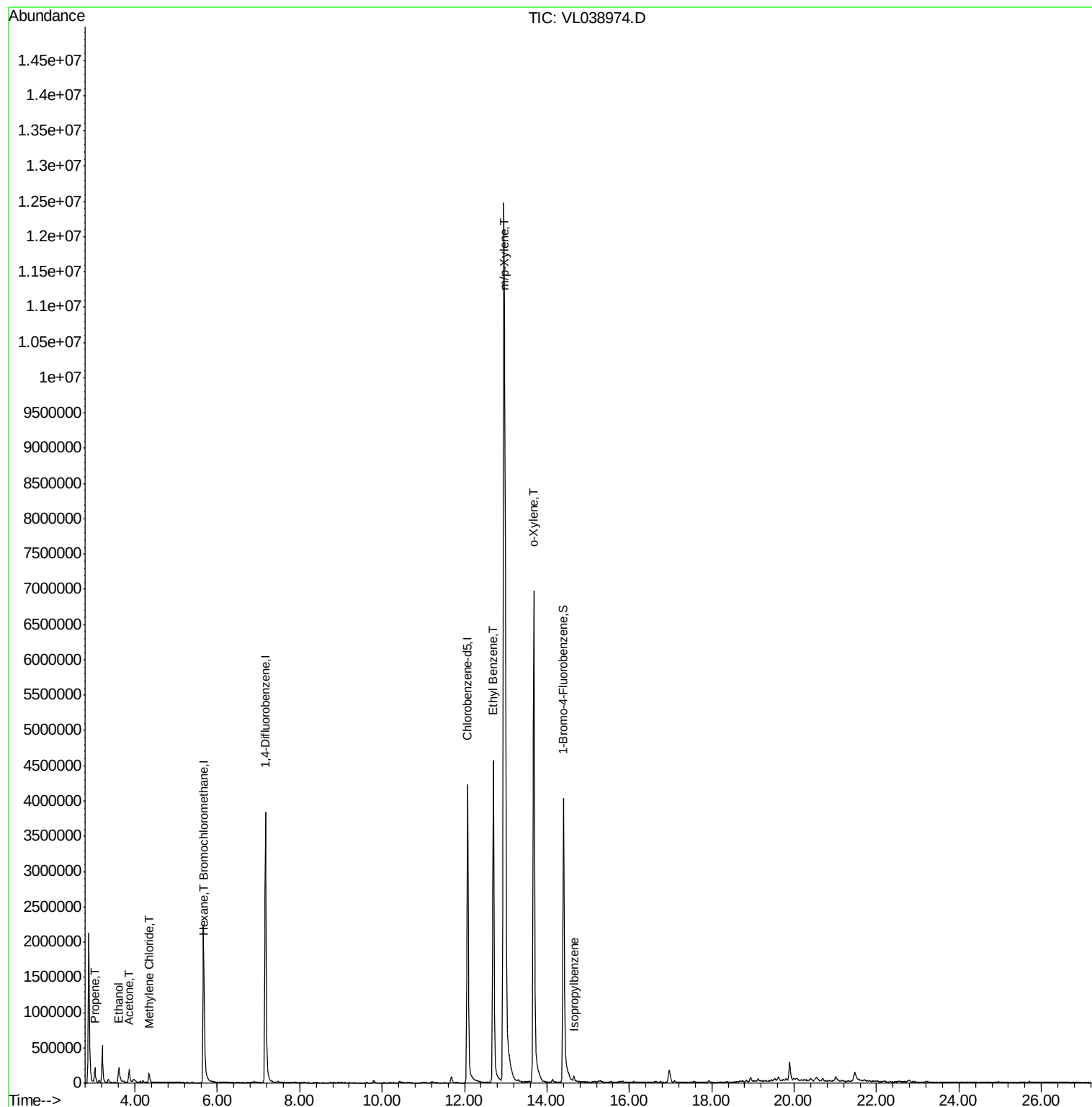
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050522

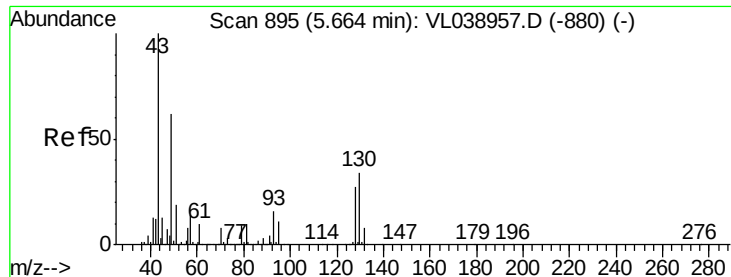
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Thu May 05 07:41:27 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 16:00

Tot Ion:

Ion Ratio

49 100

128 47.

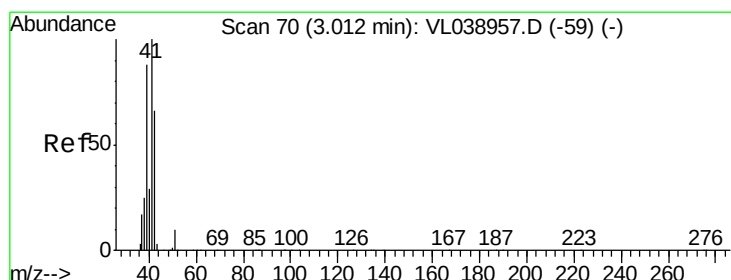
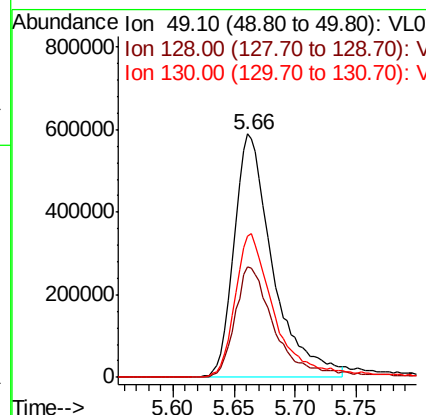
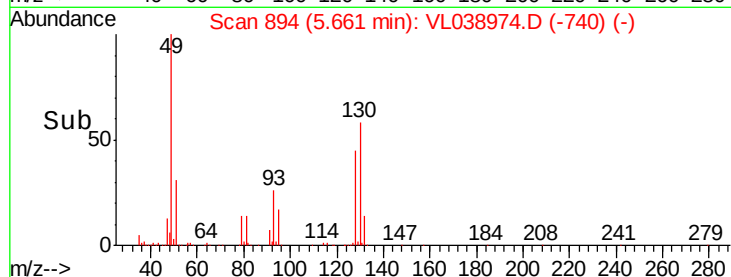
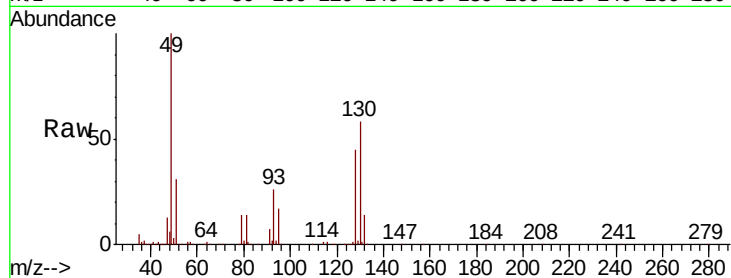
130 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#9

Propene

Concen: 0.719 ppbv m

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL038974.D

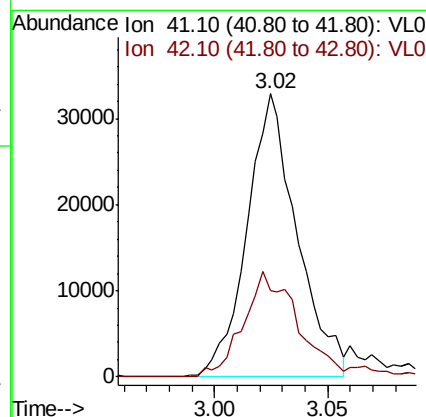
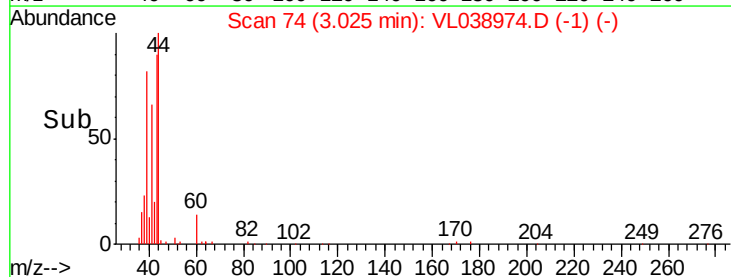
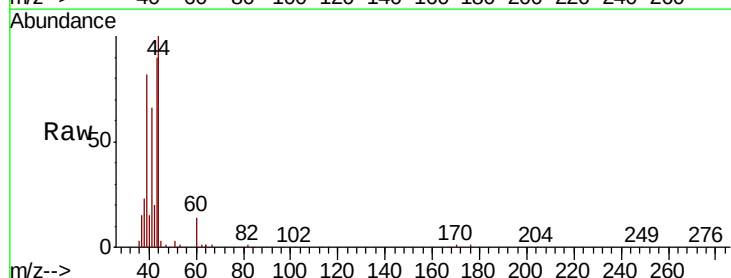
Acq: 5 May 2022 16:00

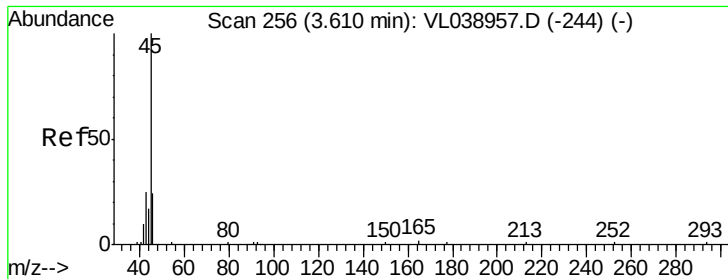
Tgt Ion: 41 Resp: 50783

Ion Ratio Lower Upper

41 100

42 249.7 58.3 87.5#



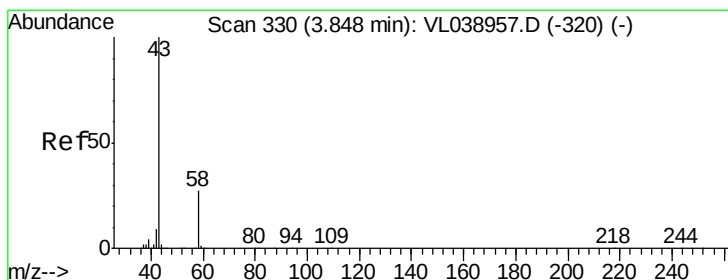
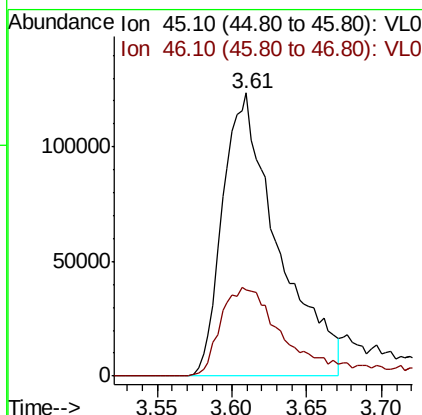
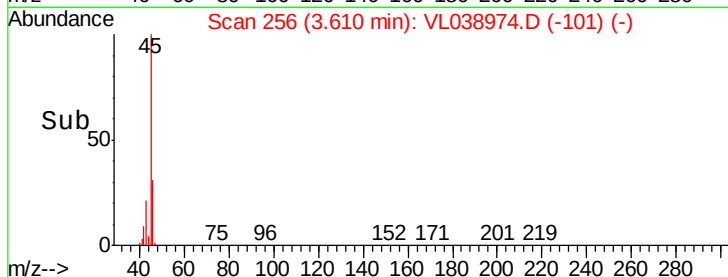
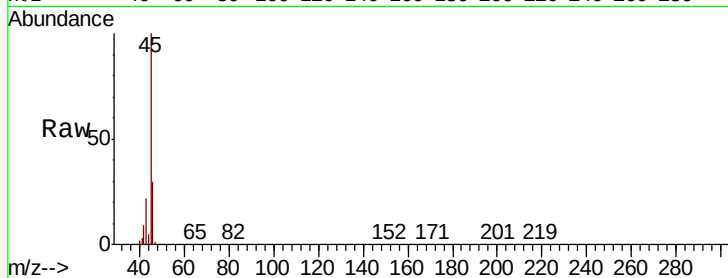


#13
Ethanol
Concen: 57.768 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 16:00

Tot Ion:
Ion Ratio
45 100
46 39.

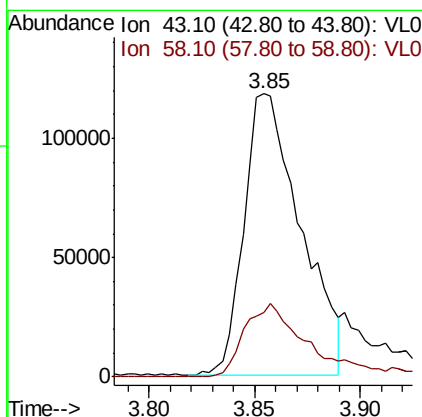
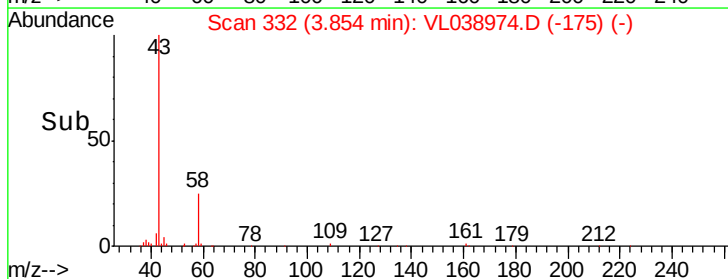
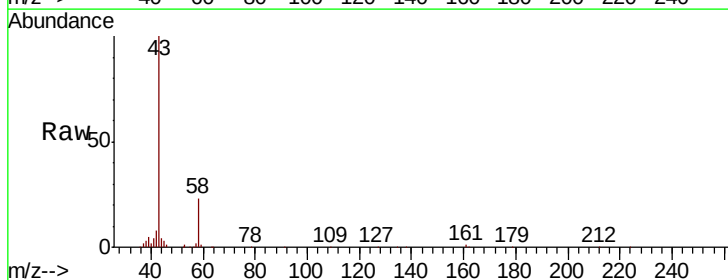
Manual Integrations
APPROVED

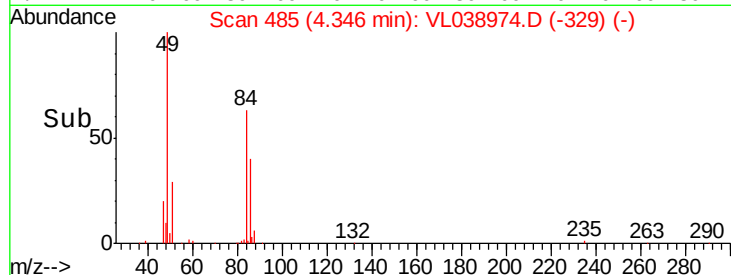
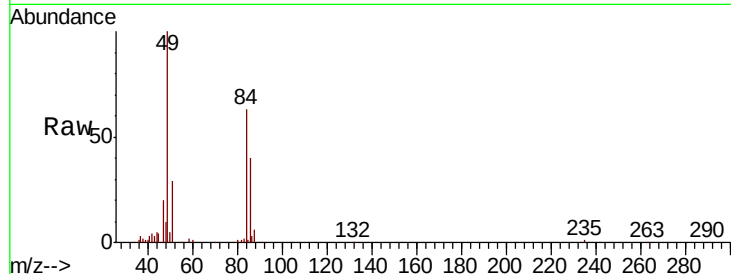
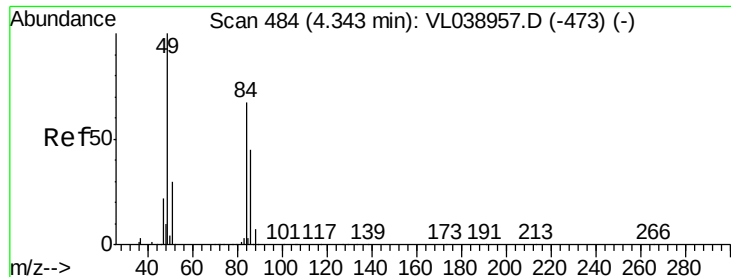
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#15
Acetone
Concen: 1.802 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.01 min
Lab File: VL038974.D
Acq: 5 May 2022 16:00

Tgt Ion: 43 Resp: 221530
Ion Ratio Lower Upper
43 100
58 30.9 21.3 31.9



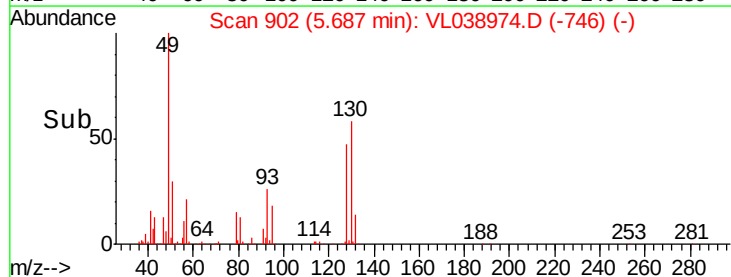
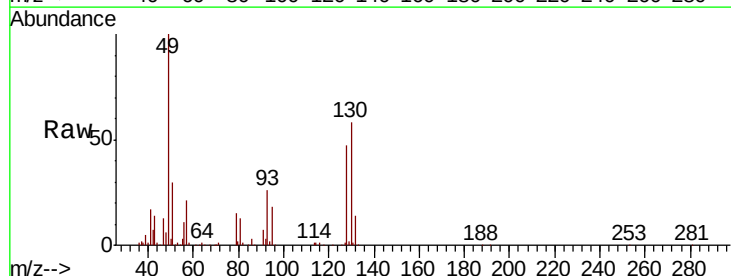
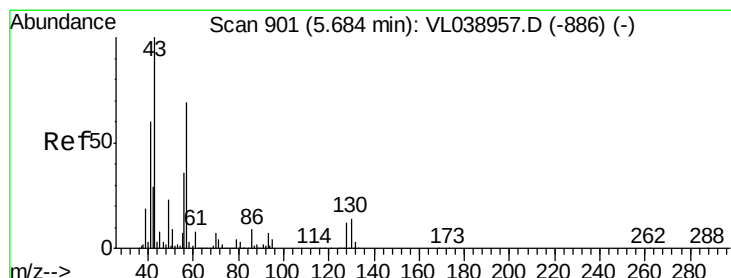
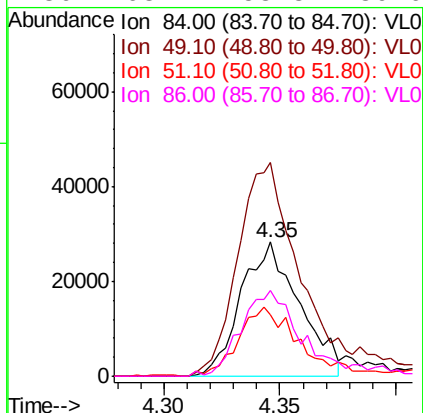


#20
Methvlene Chloride
Concen: 1.070 ppbv
RT: 4.35
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 May 2022 16:00

Tot Ion:
Ion Ratio
84 100
49 159.
51 45.
86 63.1 53.8 80.6

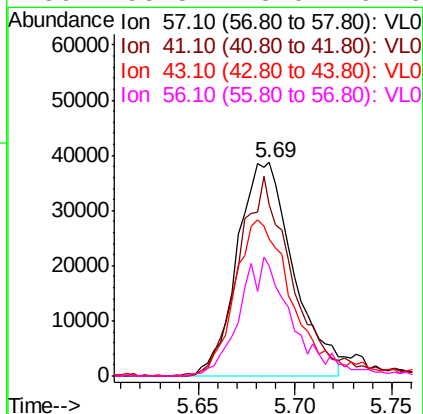
Manual Integrations
APPROVED

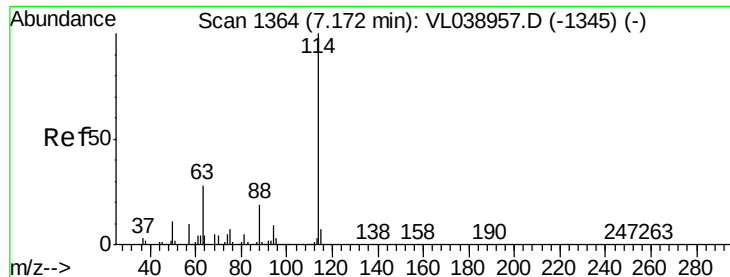
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#26
Hexane
Concen: 0.597 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: 0.00 min
Lab File: VL038974.D
Acq: 5 May 2022 16:00

Tgt Ion: 57 Resp: 78081
Ion Ratio Lower Upper
57 100
41 91.9 75.2 112.8
43 79.1 190.8 286.2#
56 53.8 43.0 64.6



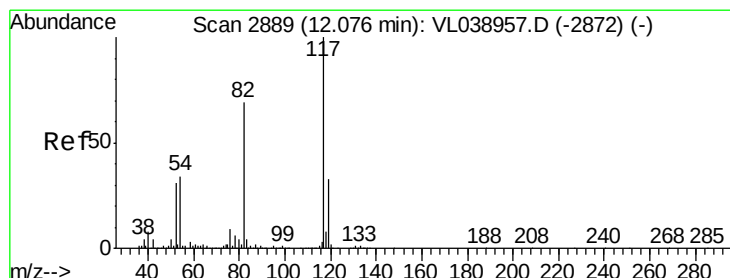
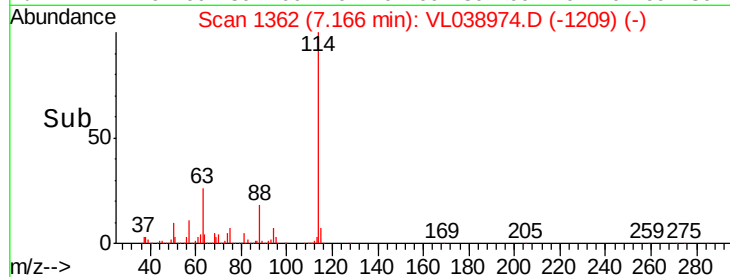
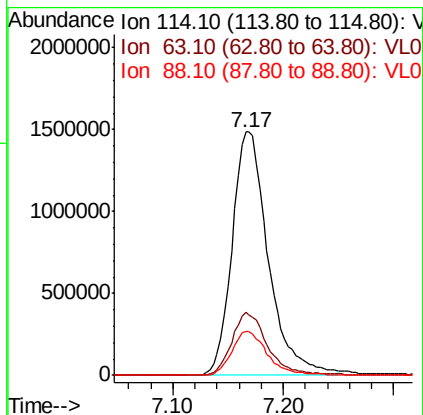
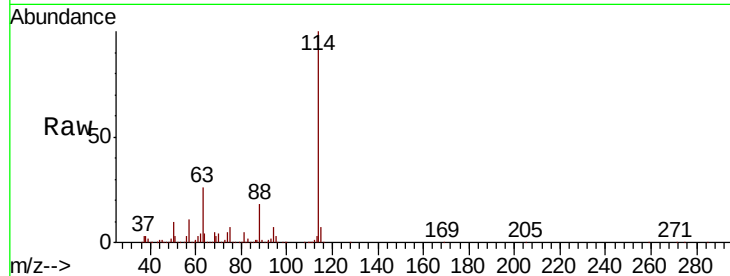


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 5 May 2022 16:00

Tot Ion:1
 Ion Rati
 114 100
 63 25.
 88 18.

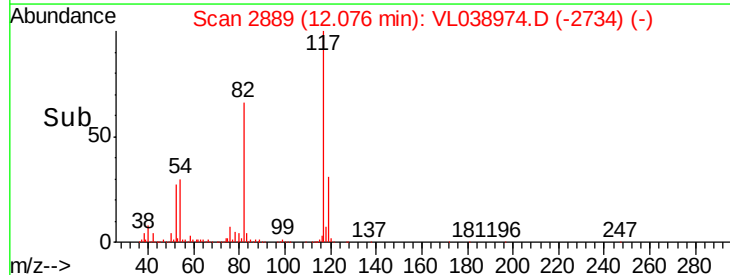
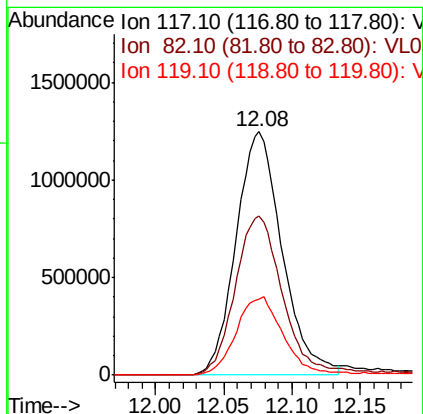
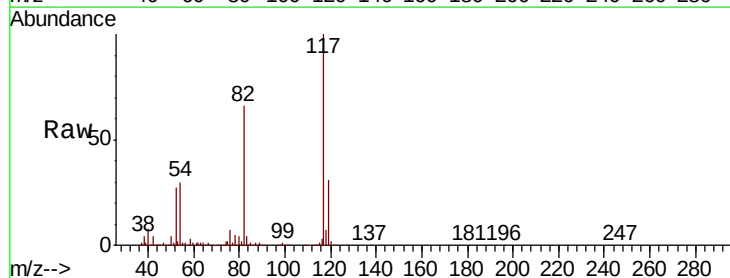
Manual Integrations
 APPROVED

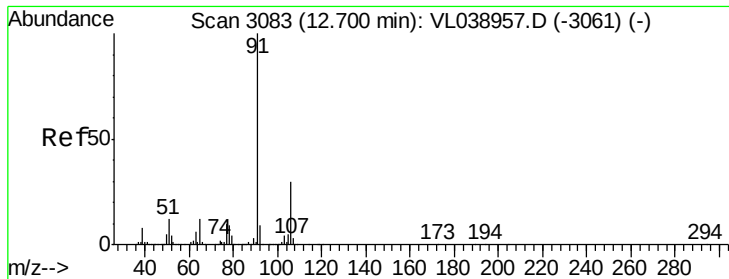
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: VL038974.D
 Acq: 5 May 2022 16:00

Tgt Ion:117 Resp: 2915078
 Ion Ratio Lower Upper
 117 100
 82 70.4 57.0 85.6
 119 34.3 27.2 40.8





#58

Ethyl Benzene

Concen: 11.232 ppbv

RT: 12.70

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 16:00

Tot Ion:

Ion Ratio

91 100

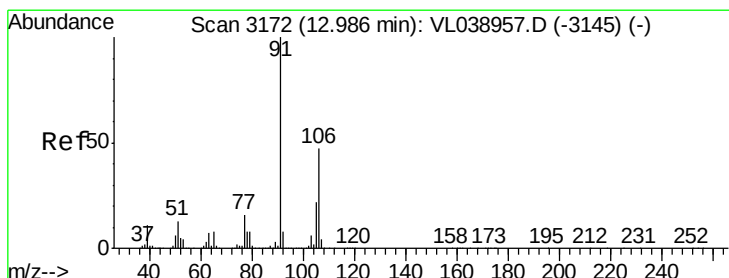
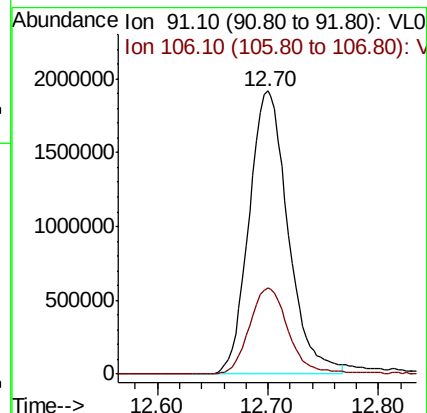
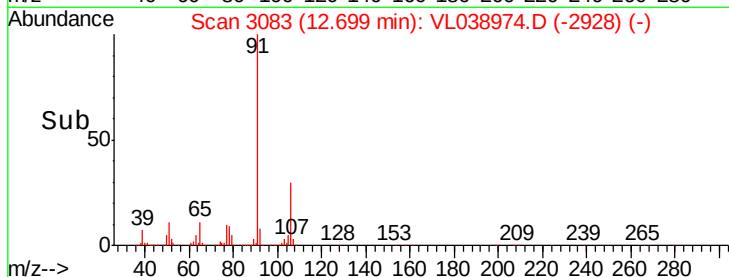
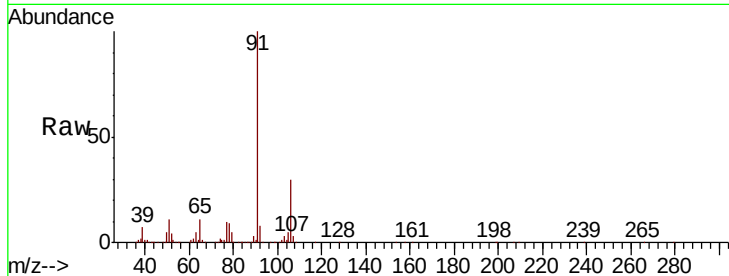
106 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#59

m/p-Xylene

Concen: 42.438 ppbv

RT: 12.96 min Scan# 3164

Delta R.T. -0.03 min

Lab File: VL038974.D

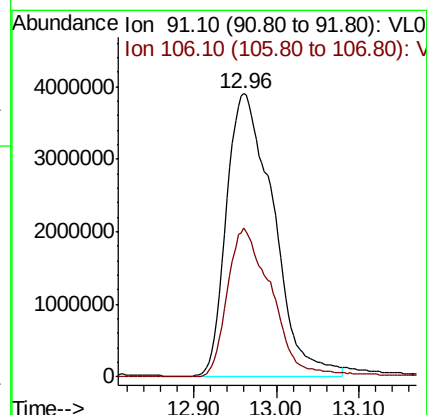
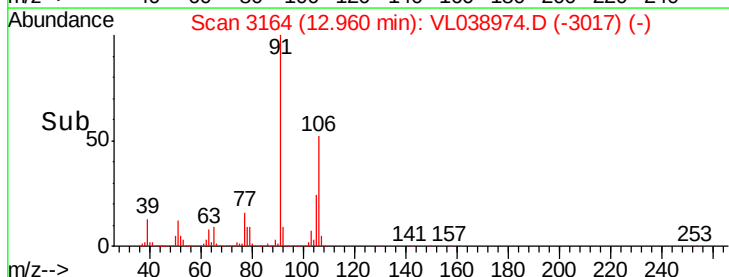
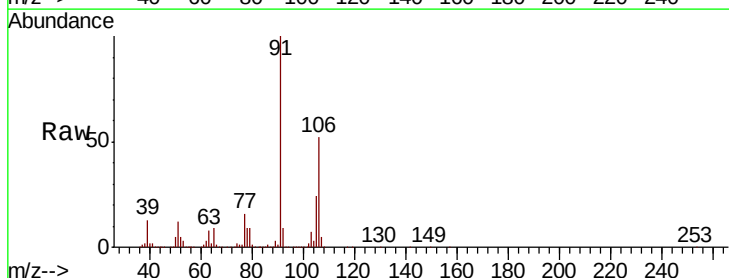
Acq: 5 May 2022 16:00

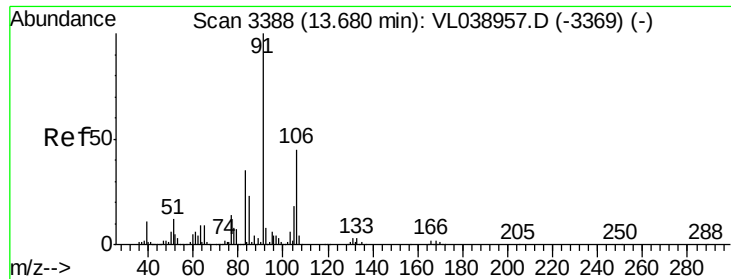
Tgt Ion: 91 Resp:15198715

Ion Ratio Lower Upper

91 100

106 50.9 34.6 52.0





#60

o-Xylene

Concen: 18.454 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 5 May 2022 16:00

Tot Ion:

Ion Ratio

91 100

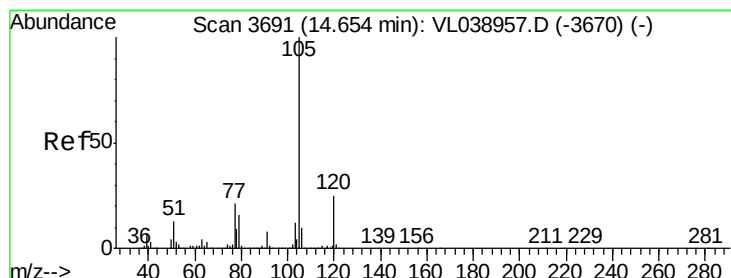
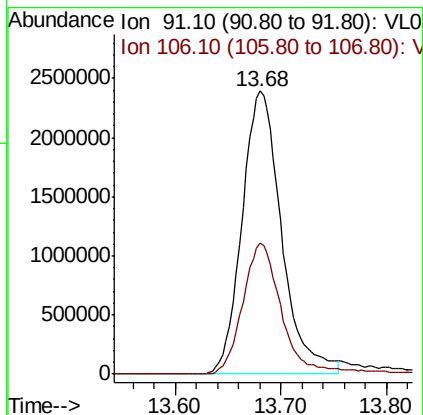
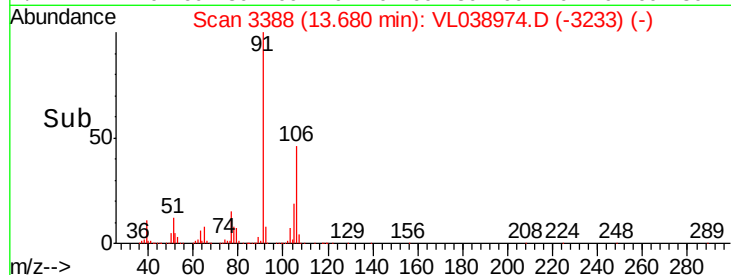
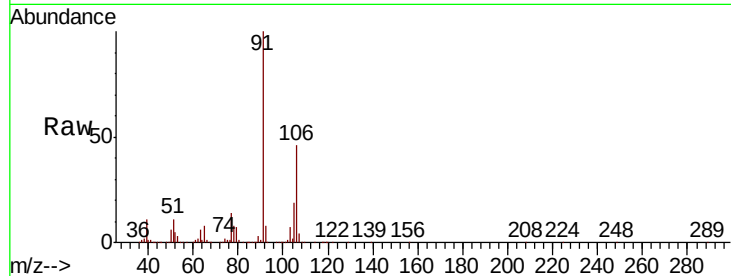
106 46.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#62

Isopropylbenzene

Concen: 0.139 ppbv

RT: 14.65 min Scan# 3690

Delta R.T. -0.00 min

Lab File: VL038974.D

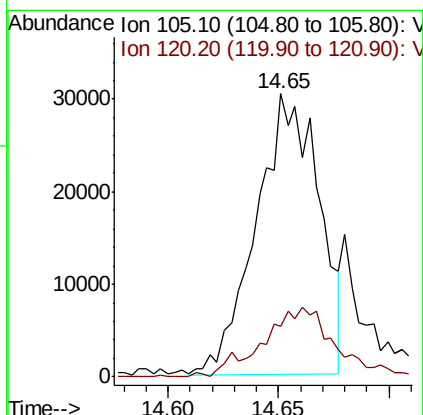
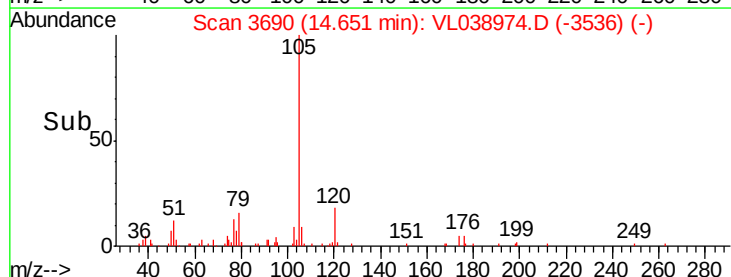
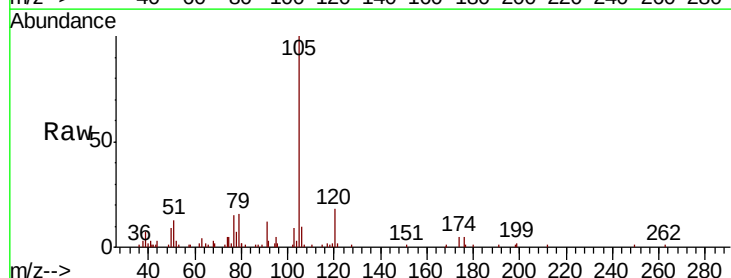
Acq: 5 May 2022 16:00

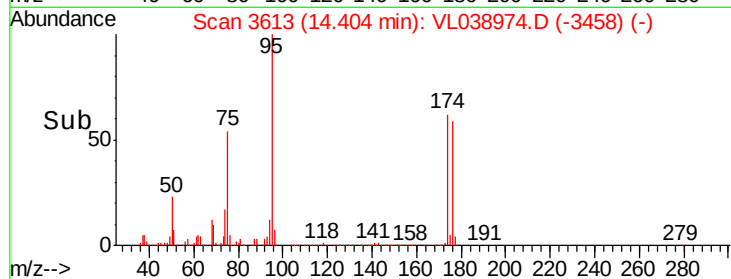
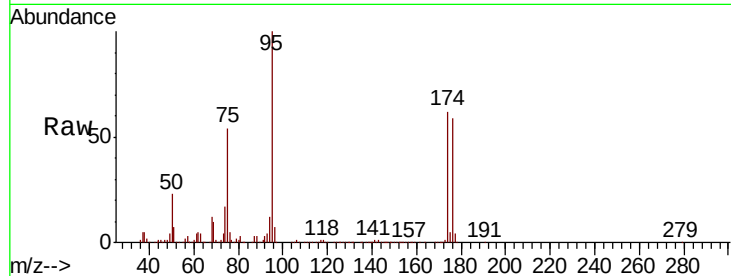
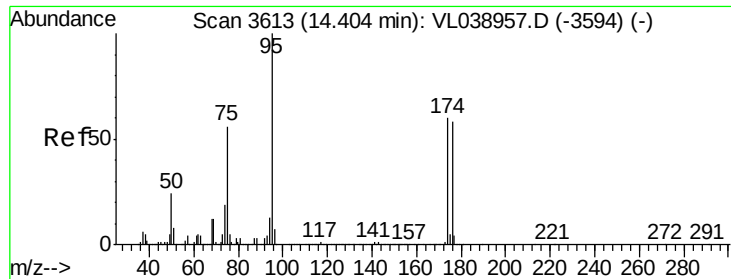
Tgt Ion:105 Resp: 59801

Ion Ratio Lower Upper

105 100

120 28.6 20.5 30.7





#68

1-Bromo-4-Fluorobenzene

Concen: 9.765 ppbv

RT: 14.40

Delta R.T

Lab File: ClientSampleId :

Acq: 5 May 2022 10:00

Tot Ion:

Ion Ratio

95 100

174 67.

175 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022

