

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
 Data File : VL038598.D
 Acq On : 14 Mar 2022 16:18
 Operator : SY/AP
 Sample : N1885-02DLDP 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2DLDP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/15/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 15 02:17:21 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	835364	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2144463	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	1884632	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1379766	9.63	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	52633	1.01	ppbv	84
10) Heptane	8.10	43	19776m	0.16	ppbv	
13) Ethanol	3.60	45	27459m	4.60	ppbv	
15) Acetone	3.84	43	274131	4.65	ppbv	93
20) Methylene Chloride	4.33	84	262039	7.39	ppbv	94
26) Hexane	5.66	57	138478	1.49	ppbv #	44
27) Carbon Disulfide	4.53	76	16842	0.18	ppbv #	90
34) 2-Butanone	5.24	43	20584	0.37	ppbv #	89
53) Toluene	9.77	91	23992	0.12	ppbv	99

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

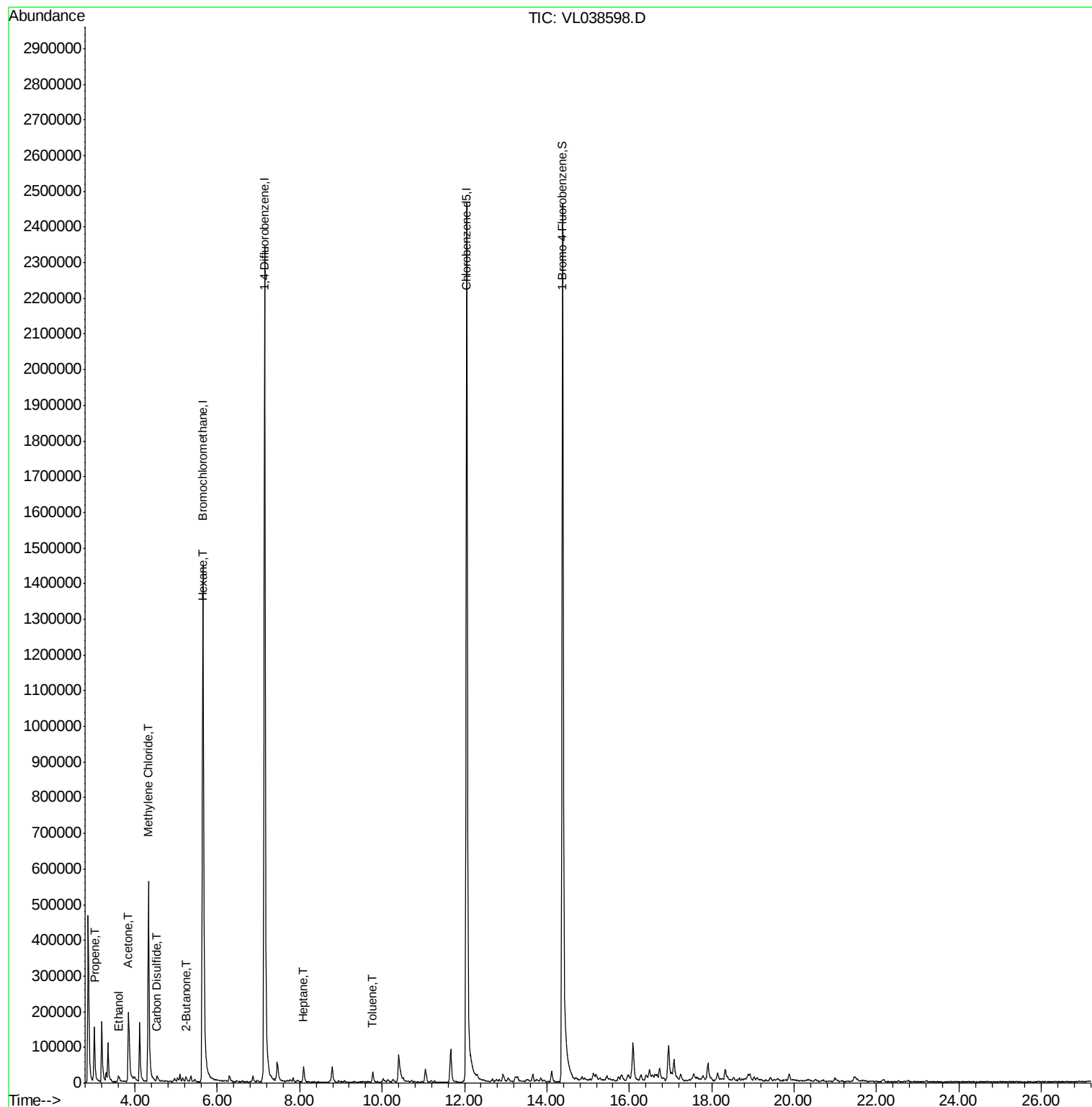
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038598.D
Acq On : 14 Mar 2022 16:18
Operator : SY/AP
Sample : N1885-02DLUP 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

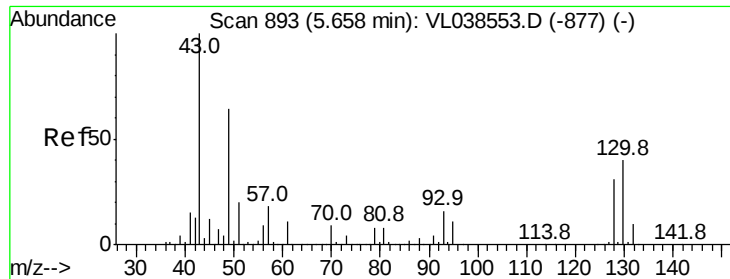
Instrument :
MSVOA_L
ClientSampleId :
SS-2DLUP

Quant Time: Mar 15 02:17:21 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL030822
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Mar 2022 16:18 SS-2DLDP

Tgt Ion:

Ion Ratio

49 100

128 52.

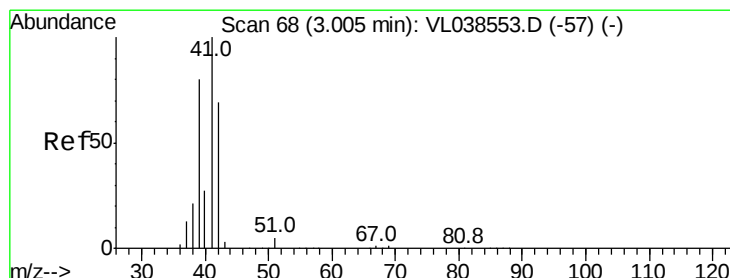
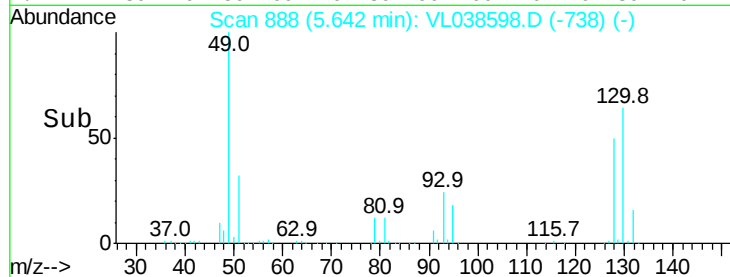
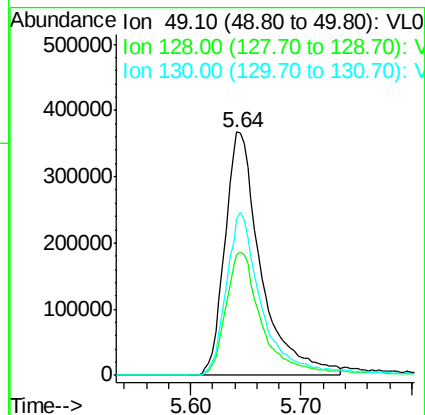
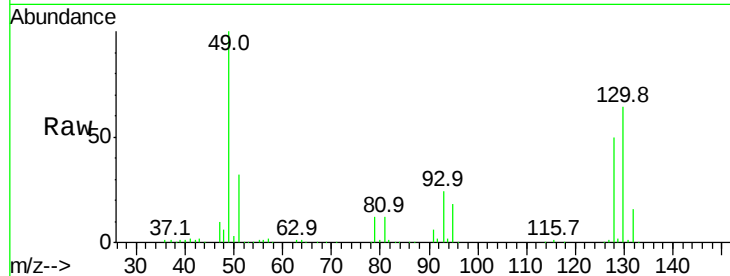
130 68.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#9

Propene

Concen: 1.01 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VL038598.D

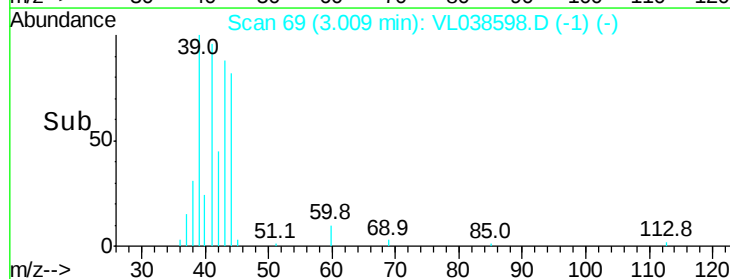
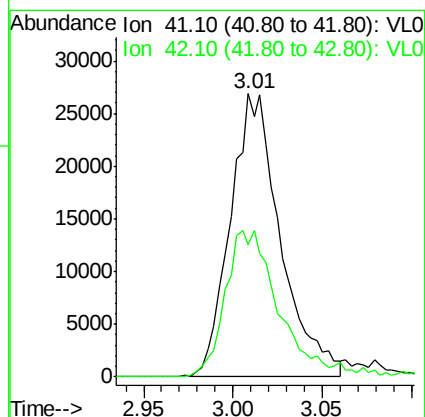
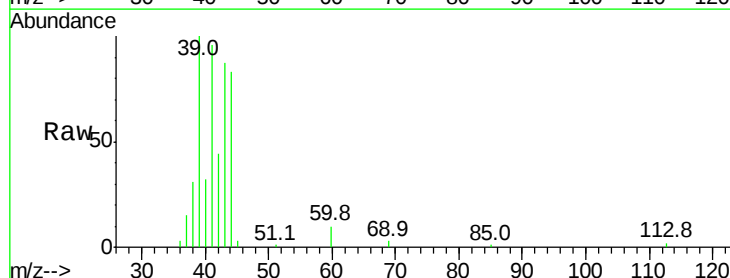
Acq: 14 Mar 2022 16:18

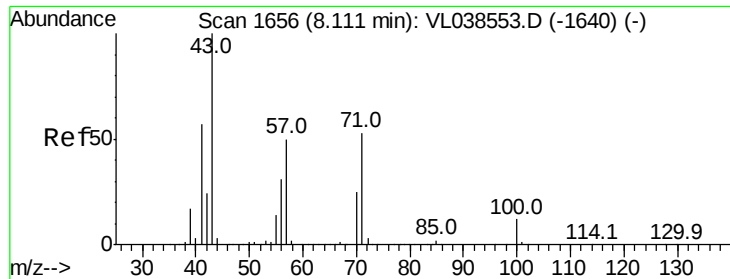
Tgt Ion: 41 Resp: 52633

Ion Ratio Lower Upper

41 100

42 56.8 55.7 83.5





#10

Heptane

Concen: 0.16 ppbv m

RT: 8.10 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Mar 2022 16:18 SS-2DLDUP

Tgt Ion:

Ion Ratio

43 100

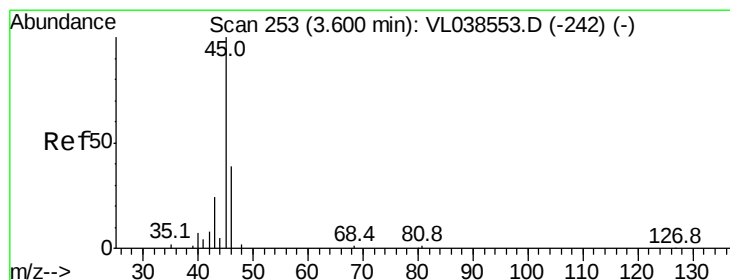
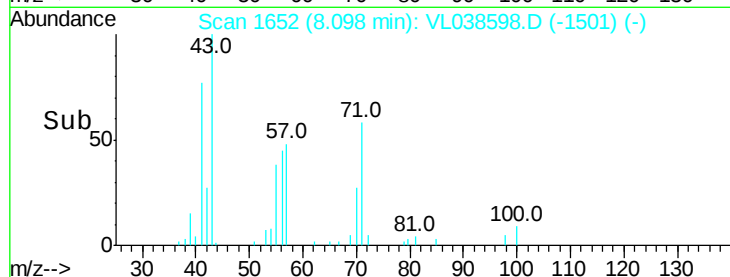
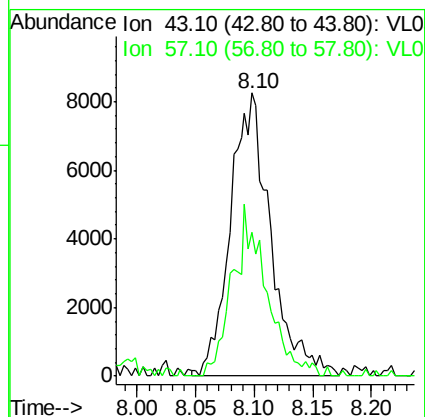
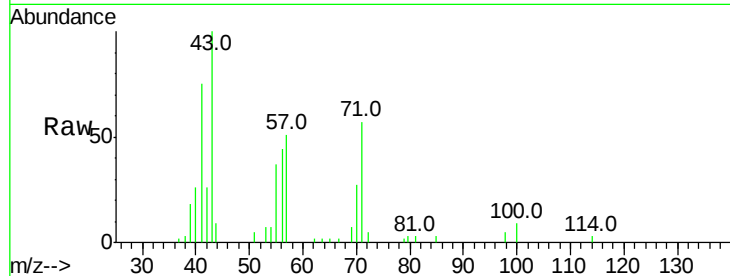
57 51.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#13

Ethanol

Concen: 4.60 ppbv m

RT: 3.60 min Scan# 252

Delta R.T. -0.00 min

Lab File: VL038598.D

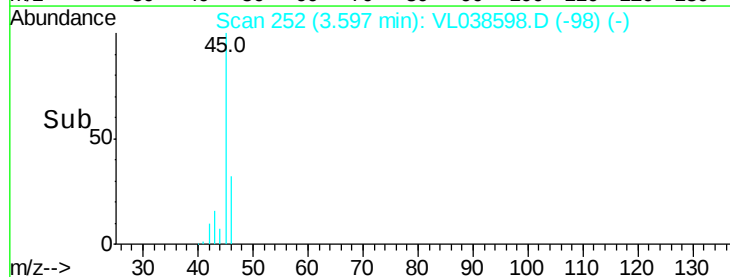
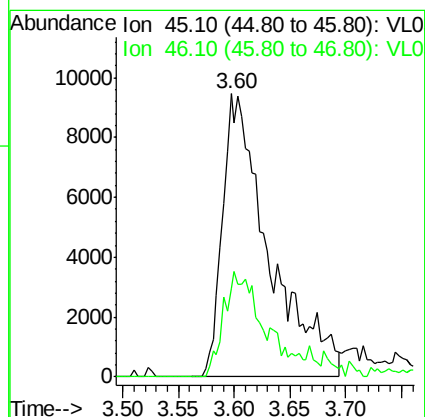
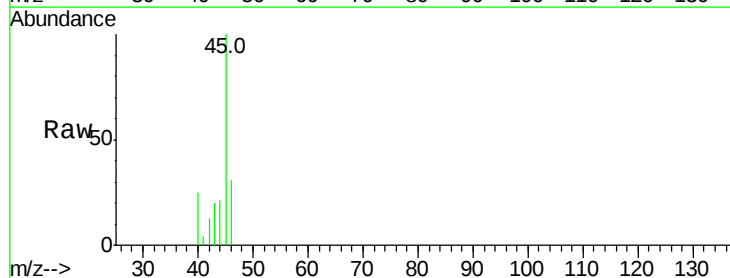
Acq: 14 Mar 2022 16:18

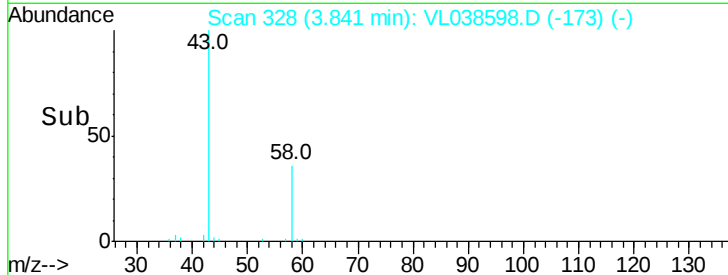
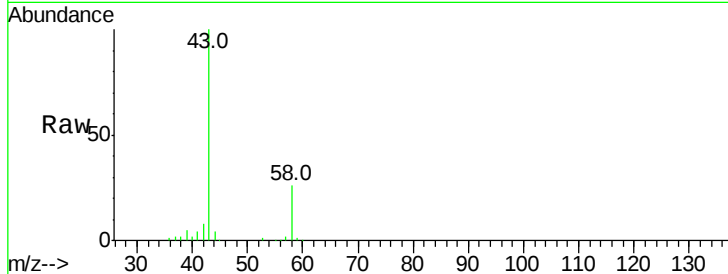
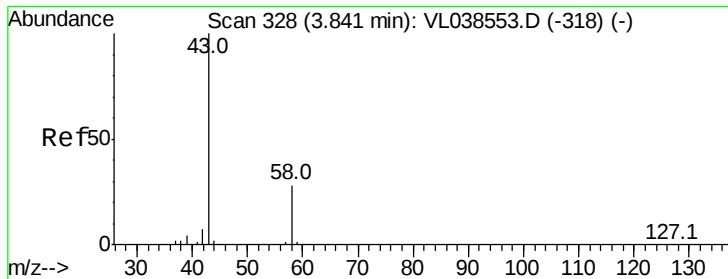
Tgt Ion: 45 Resp: 27459

Ion Ratio Lower Upper

45 100

46 0.0 16.8 67.0#





#15

Acetone

Concen: 4.65 ppbv

RT: 3.84 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 14 Mar 2022 16:18

Tgt Ion:

Ion Ratio

43 100

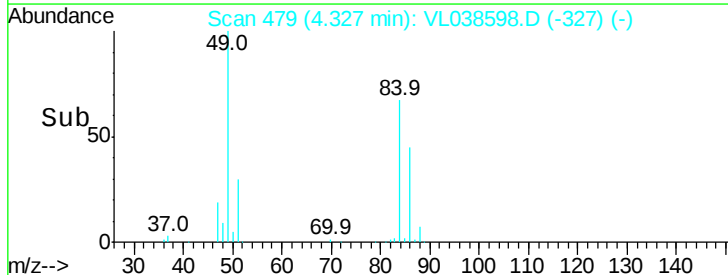
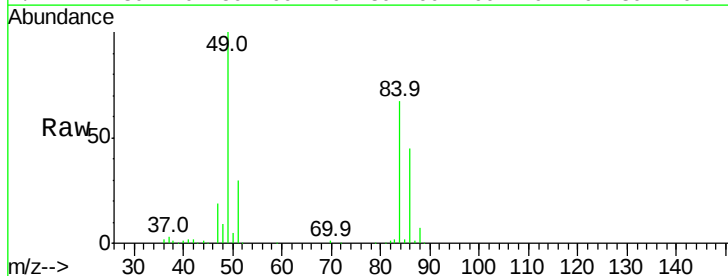
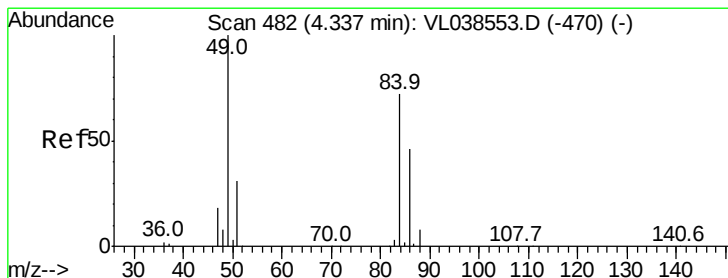
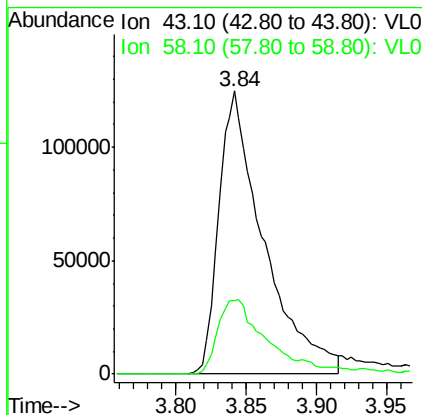
58 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#20

Methylene Chloride

Concen: 7.39 ppbv

RT: 4.33 min Scan# 479

Delta R.T. -0.01 min

Lab File: VL038598.D

Acq: 14 Mar 2022 16:18

Tgt Ion: 84 Resp: 262039

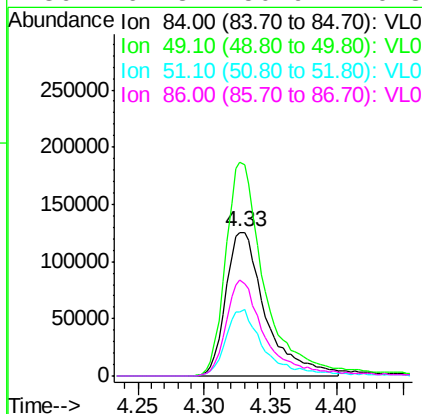
Ion Ratio Lower Upper

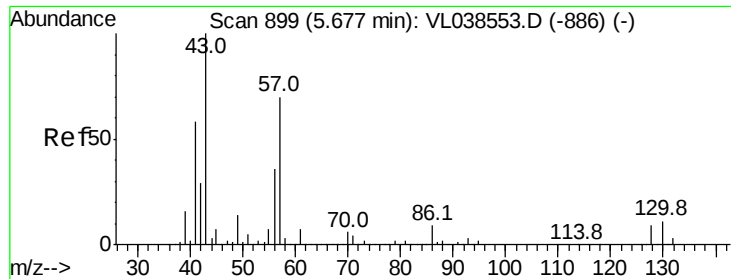
84 100

49 148.8 111.1 166.7

51 44.7 34.0 51.0

86 67.3 50.9 76.3



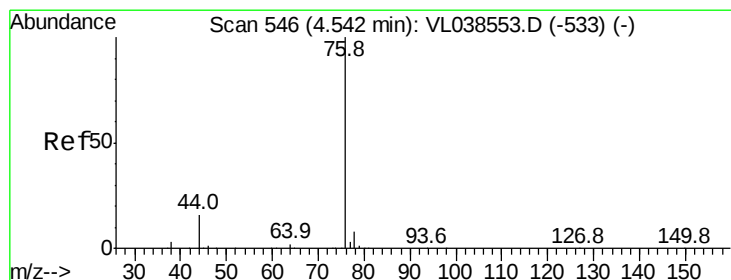
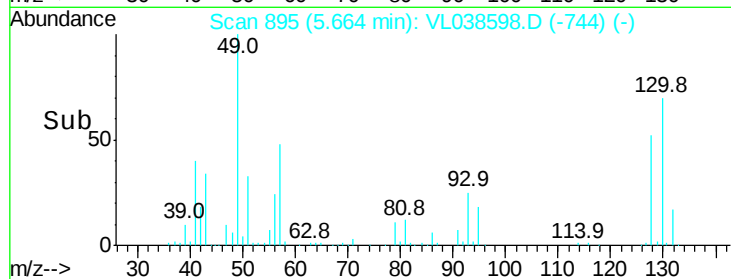
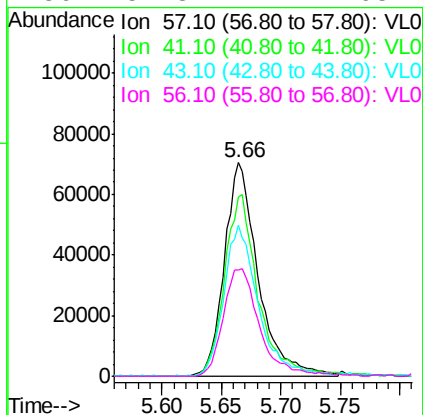
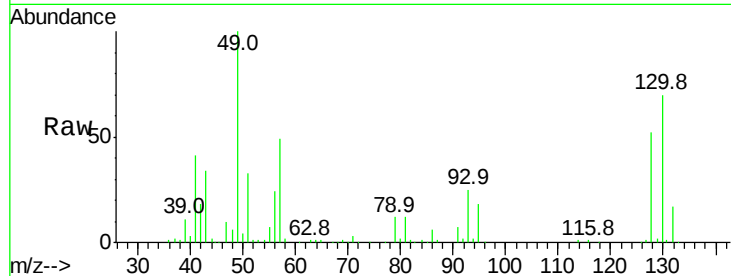


#26
Hexane
Concen: 1.49 ppbv
RT: 5.66
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Mar 2022 16:18

Tgt Ion: 57.10 (56.80 to 57.80): VL0
Ion Ratio: 100
41 85.
43 73.
56 54.3 42.2 63.2

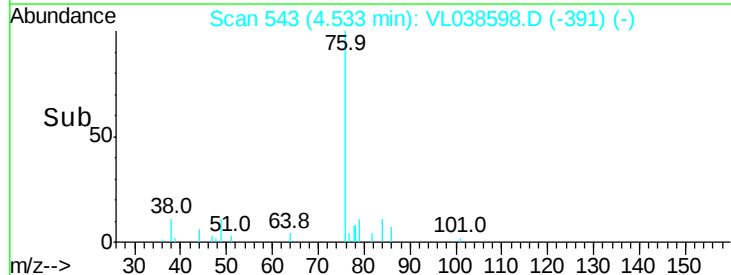
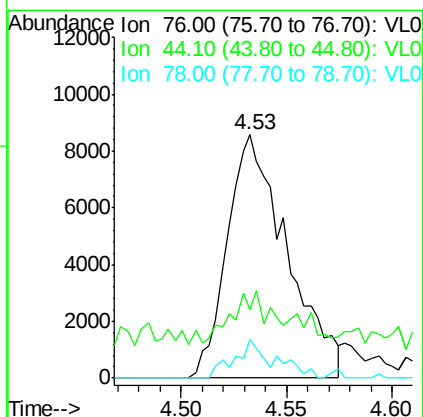
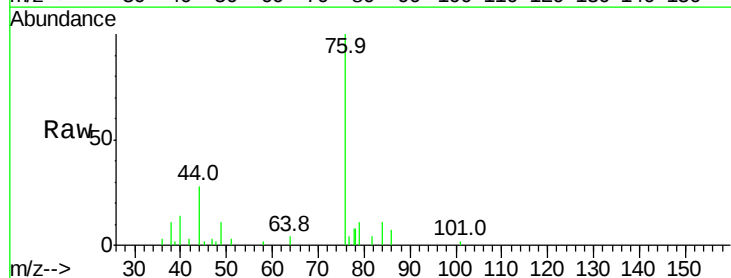
Manual Integrations
APPROVED

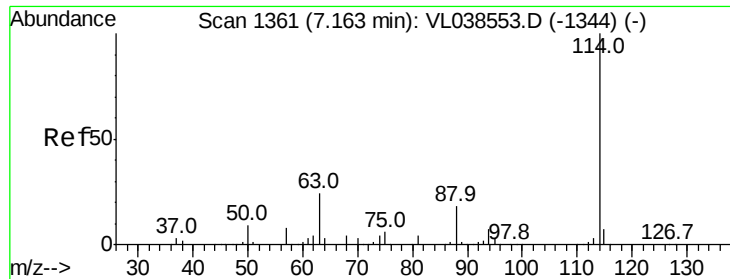
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#27
Carbon Disulfide
Concen: 0.18 ppbv
RT: 4.53 min Scan# 543
Delta R.T. -0.01 min
Lab File: VL038598.D
Acq: 14 Mar 2022 16:18

Tgt Ion: 76 Resp: 16842
Ion Ratio Lower Upper
76 100
44 21.6 12.9 19.3#
78 11.2 7.8 11.6



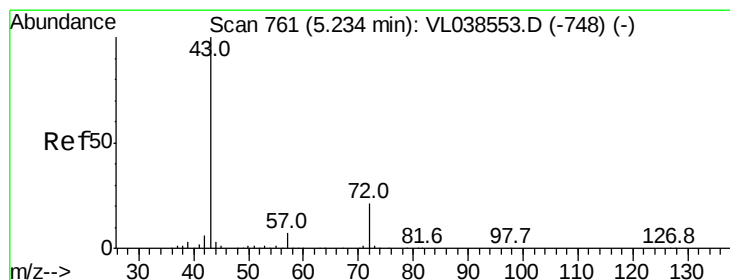
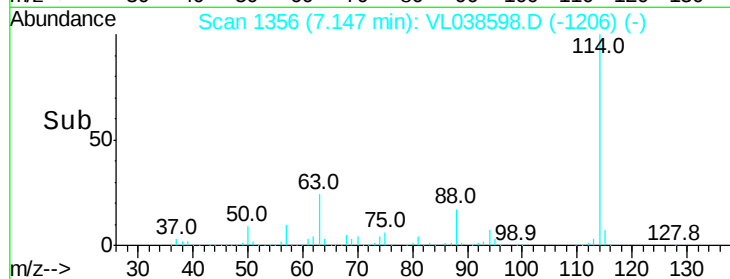
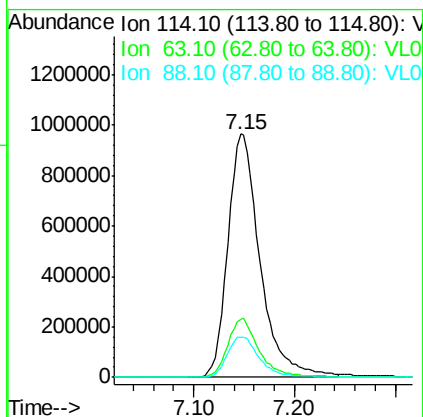
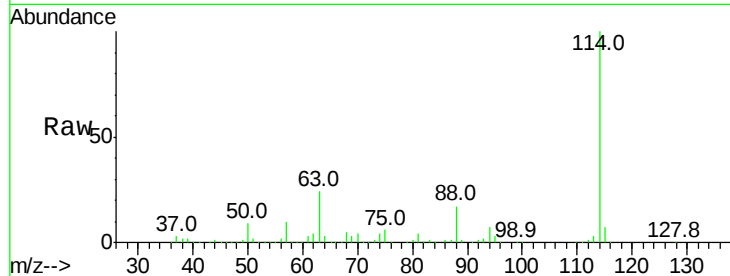


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.15
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 SS-2DLDUP
 Acq: 14 Mar 2022 16:18

Tgt Ion: 1
 Ion Ratio
 114 100
 63 23.
 88 17.

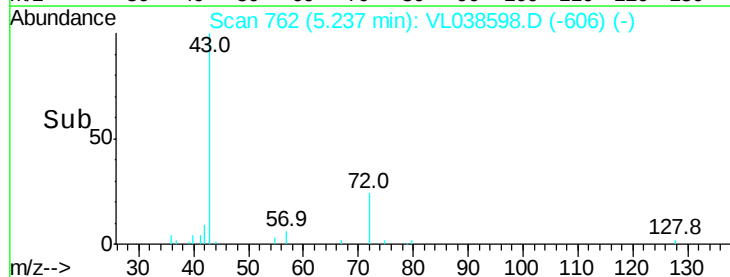
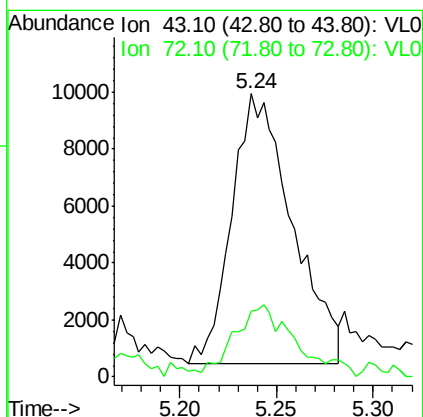
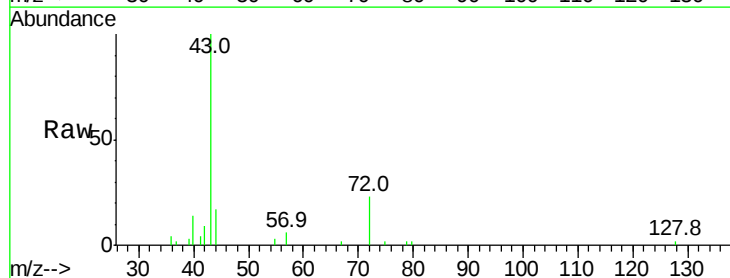
Manual Integrations
 APPROVED

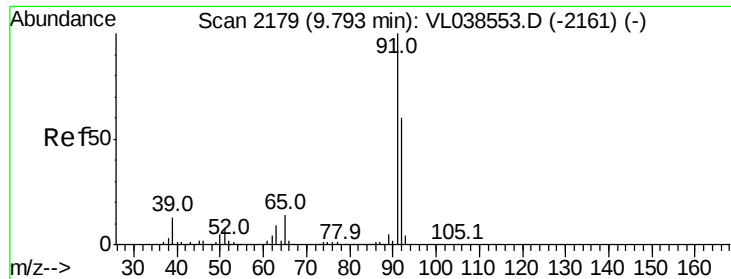
Reviewed By : Semsettin Yesilyurt 03/15/2022
 Supervised By : Mahesh Dadoda 03/18/2022



#34
 2-Butanone
 Concen: 0.37 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T.: 0.00 min
 Lab File: VL038598.D
 Acq: 14 Mar 2022 16:18

Tgt Ion: 43 Resp: 20584
 Ion Ratio Lower Upper
 43 100
 72 27.4 17.8 26.6#





#53

Toluene

Concen: 0.12 ppbv

RT: 9.77 Instrument: MSVOA_L

Delta R.T. -0.02 min

Lab File: ClientSampleId :

Acq: 14 Mar 2022 16:18 SS-2DLDP

Tgt Ion:

Ion Ratio

91 100

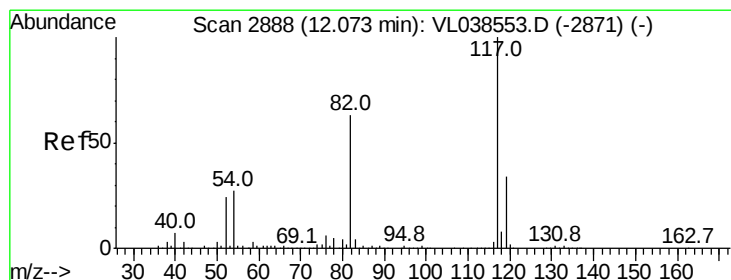
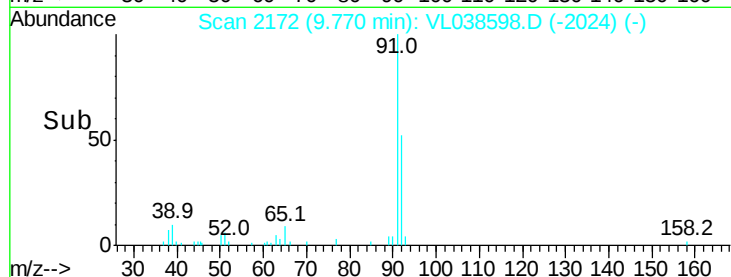
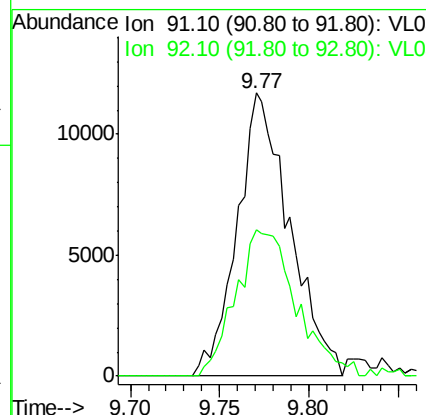
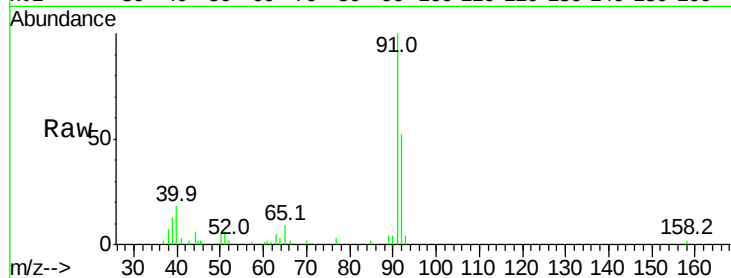
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.05 min Scan# 2882

Delta R.T. -0.02 min

Lab File: VL038598.D

Acq: 14 Mar 2022 16:18

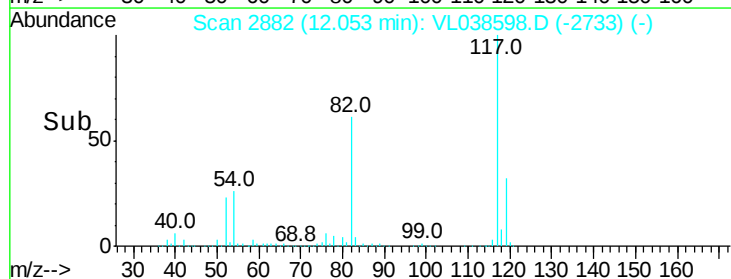
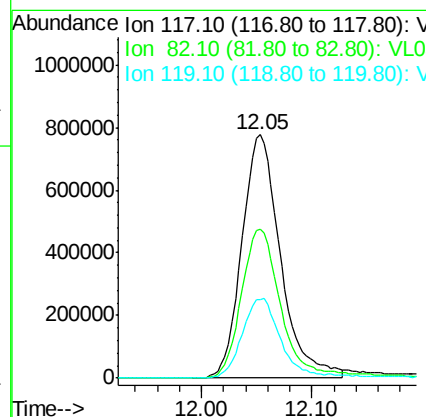
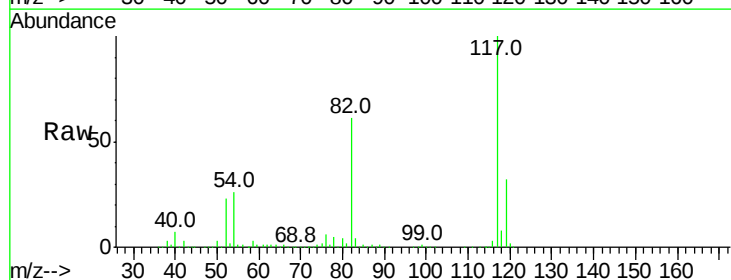
Tgt Ion:117 Resp: 1884632

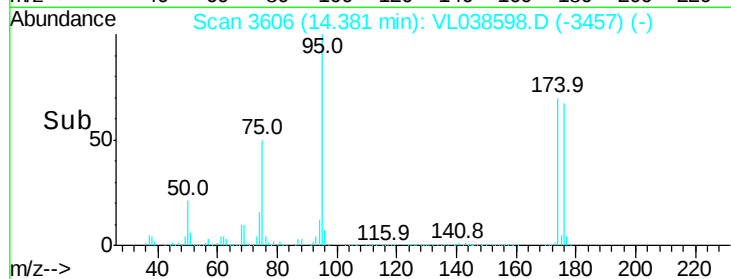
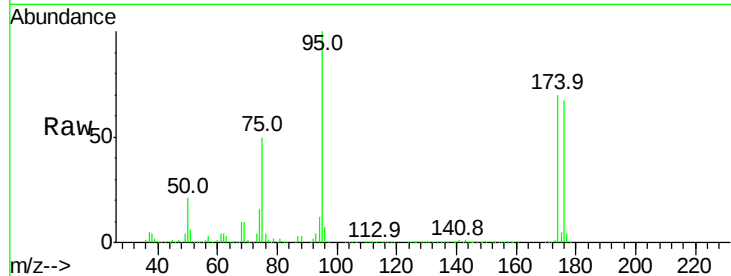
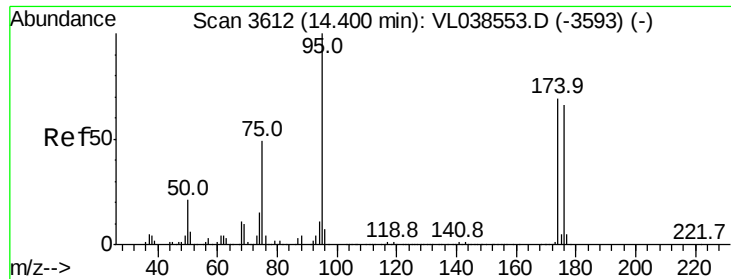
Ion Ratio Lower Upper

117 100

82 66.2 52.5 78.7

119 35.0 46.4 69.6#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.63 ppbv
 RT: 14.38
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 SS-2DLDP
 Acq: 14 Mar 2022 18:18

Tgt Ion:
 Ion Ratio
 95 100
 174 75.
 175 5.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

