

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
 Data File : VL038395.D
 Acq On : 22 Feb 2022 19:37
 Operator : SY/AP
 Sample : N1607-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-7DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 23 07:48:17 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222A

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

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	925836	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	2255879	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	2004899	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1645794	9.92	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	16175	0.30	ppbv	# 76
13) Ethanol	3.61	45	281453	52.25	ppbv	91
15) Acetone	3.86	43	112523	1.43	ppbv	100
19) Isopropyl Alcohol	3.97	45	295065	6.47	ppbv	# 98
20) Methylene Chloride	4.35	84	24730	0.63	ppbv	88
26) Hexane	5.69	57	20528m	0.21	ppbv	
34) 2-Butanone	5.25	43	17879m	0.25	ppbv	
53) Toluene	9.81	91	97529	0.45	ppbv	100

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

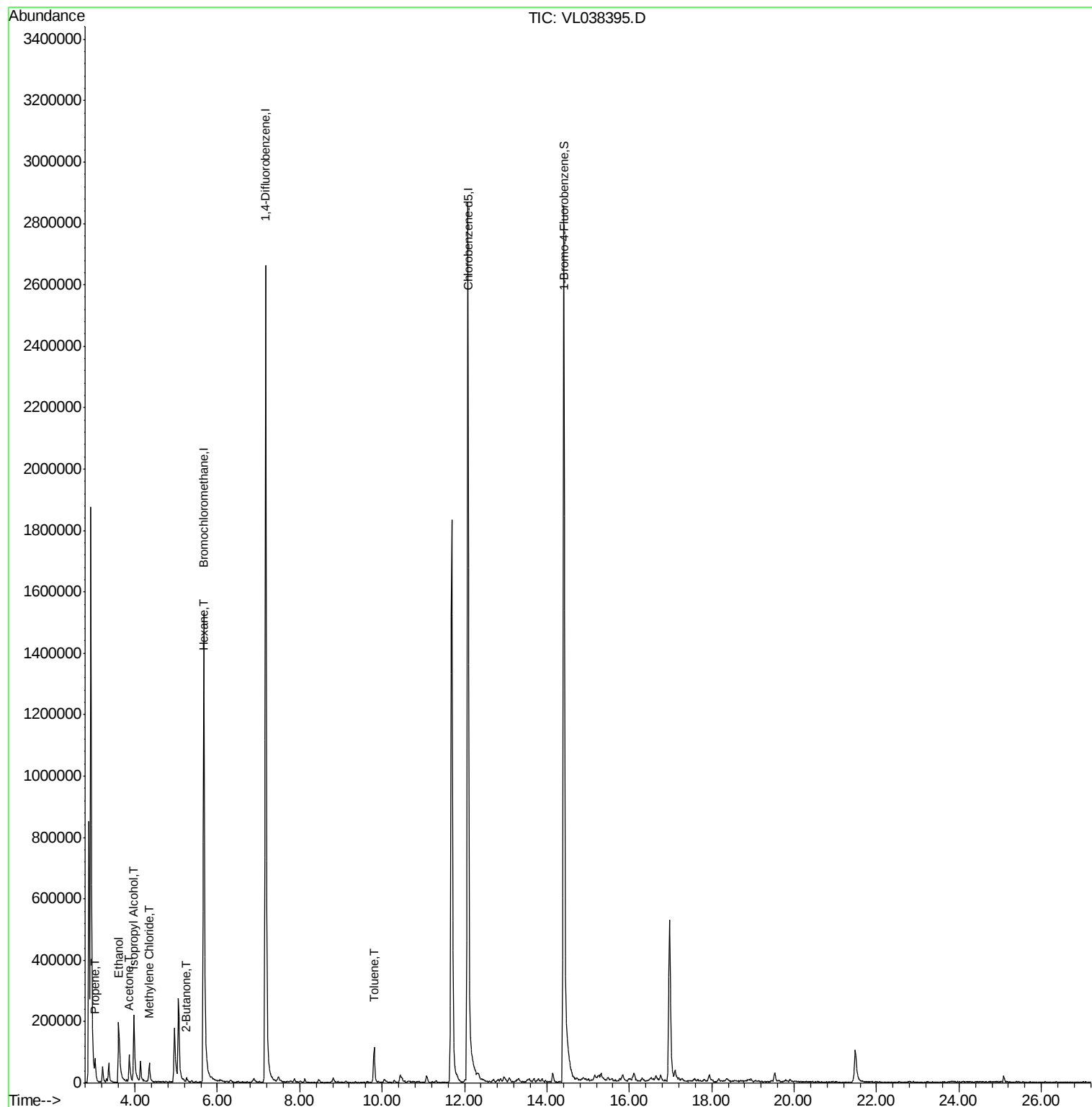
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038395.D
Acq On : 22 Feb 2022 19:37
Operator : SY/AP
Sample : N1607-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

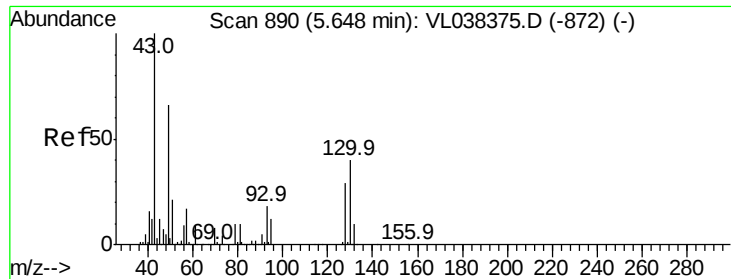
Instrument :
MSVOA_L
ClientSampleId :
MP-7DL

Manual Integrations
APPROVED

Quant Time: Feb 23 07:48:17 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL022222\
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 22 Feb 2022 19:37

Tgt Ion:

Ion Ratio

49 100

128 47.

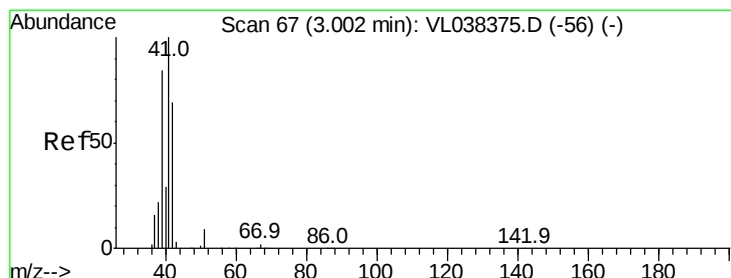
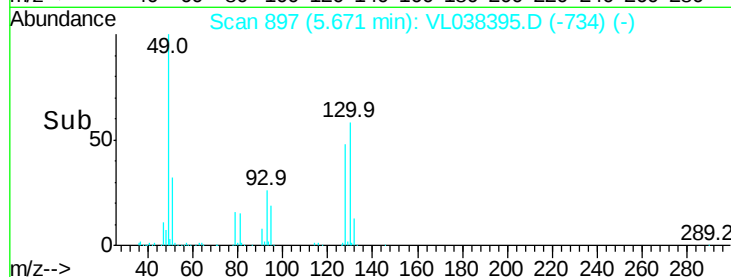
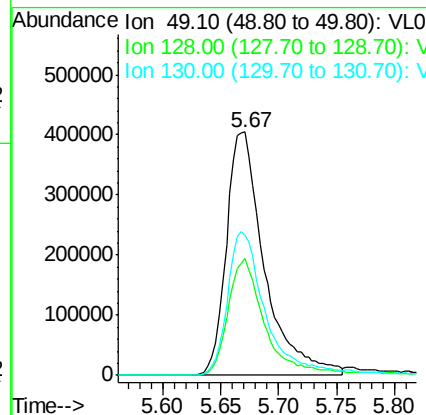
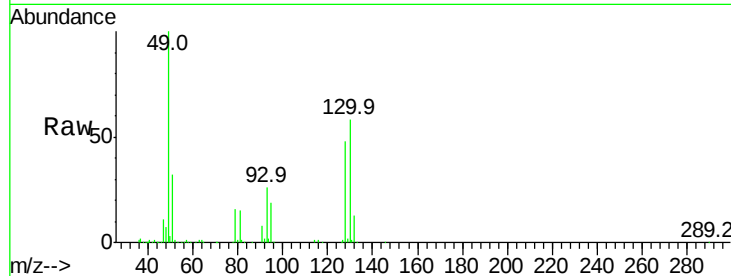
130 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Mahesh Dadoda 02/25/2022



#9

Propene

Concen: 0.30 ppbv

RT: 3.03 min Scan# 77

Delta R.T. 0.03 min

Lab File: VL038395.D

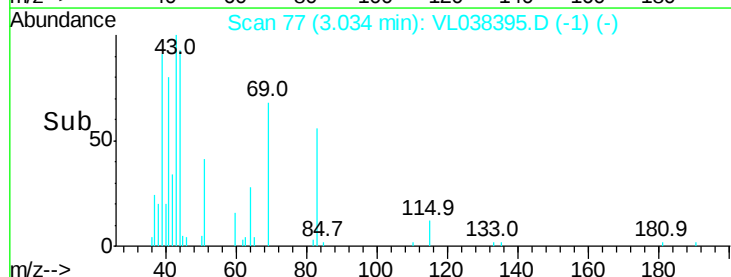
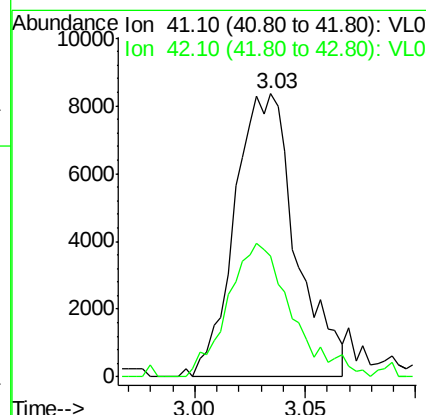
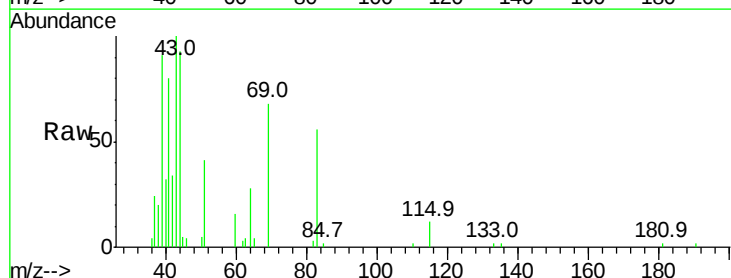
Acq: 22 Feb 2022 19:37

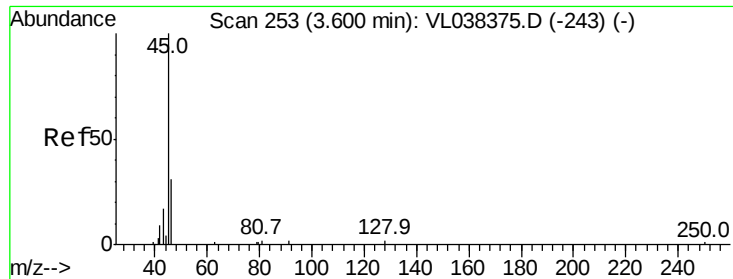
Tgt Ion: 41 Resp: 16175

Ion Ratio Lower Upper

41 100

42 48.9 54.6 82.0#



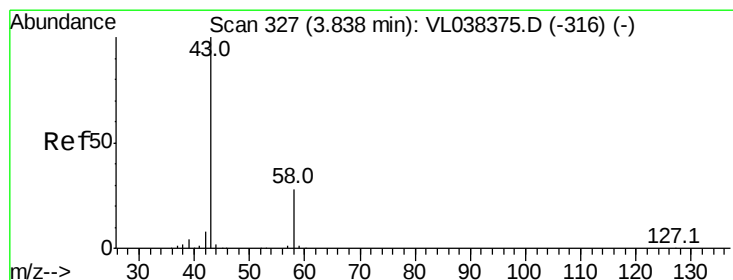
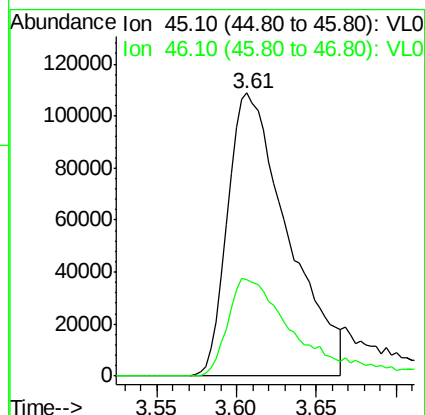
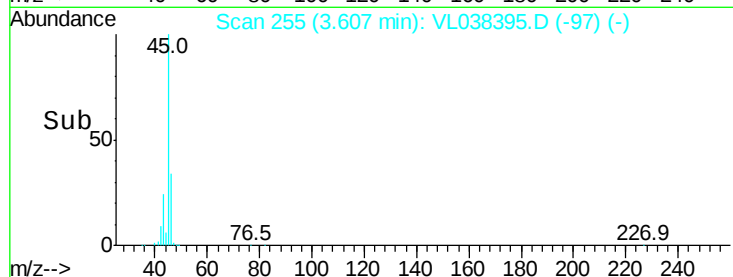
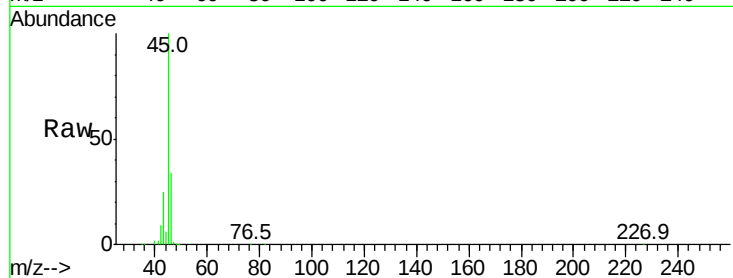


#13
Ethanol
Concen: 52.25 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 22 Feb 2022 19:37

Tgt Ion:
Ion Ratio
45 100
46 39.

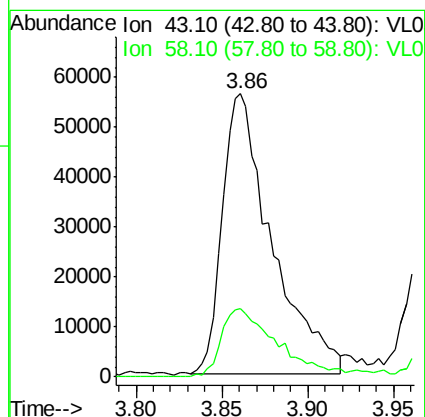
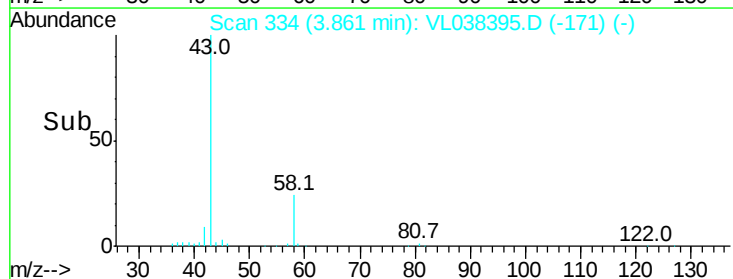
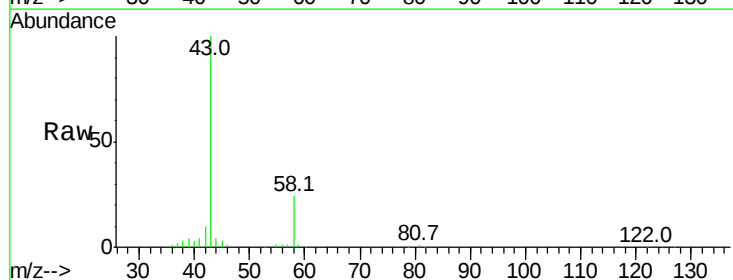
Manual Integrations
APPROVED

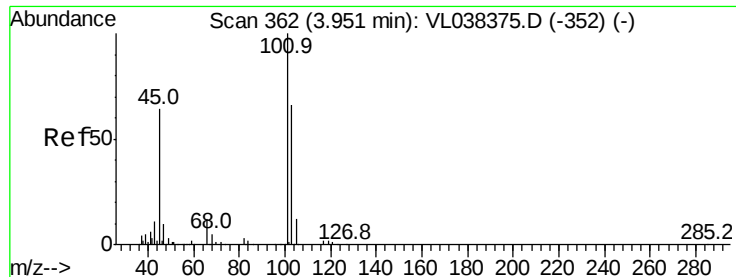
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#15
Acetone
Concen: 1.43 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.02 min
Lab File: VL038395.D
Acq: 22 Feb 2022 19:37

Tgt Ion: 43 Resp: 112523
Ion Ratio Lower Upper
43 100
58 27.4 21.7 32.5





#19

Isopropyl Alcohol

Concen: 6.47 ppbv

RT: 3.97 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId :

Acq: 22 Feb 2022 19:37

Tgt Ion:

Ion Ratio

45 100

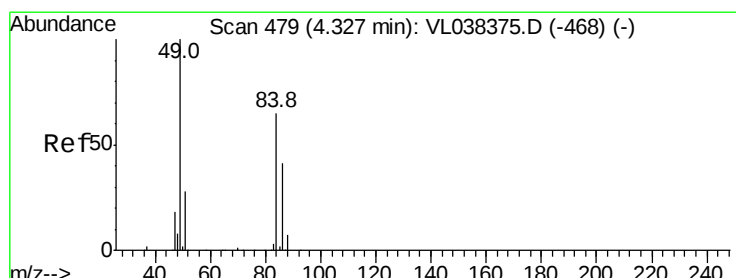
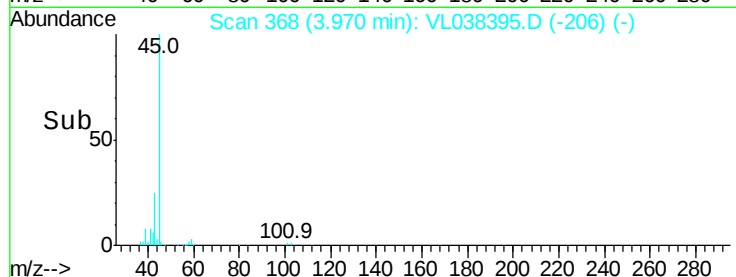
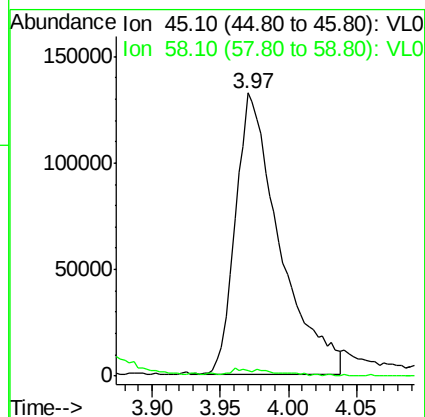
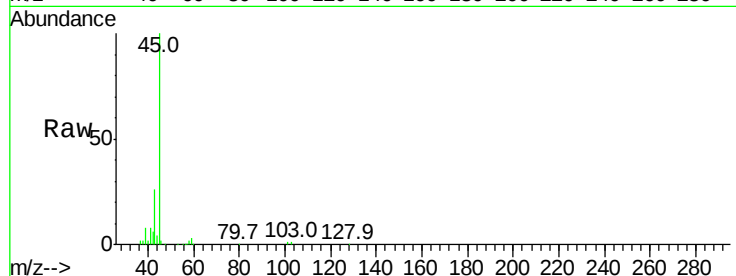
58 3.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Mahesh Dadoda 02/25/2022



#20

Methylene Chloride

Concen: 0.63 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.02 min

Lab File: VL038395.D

Acq: 22 Feb 2022 19:37

Tgt Ion: 84 Resp: 24730

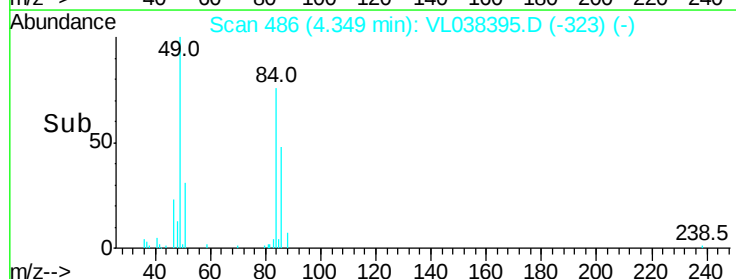
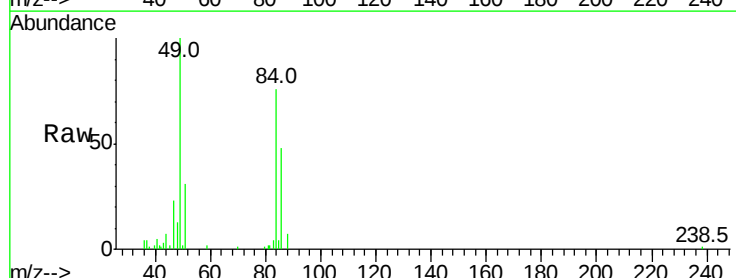
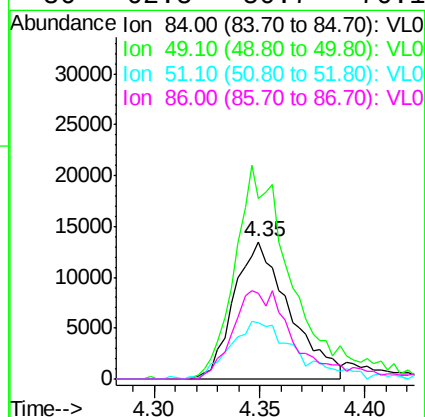
Ion Ratio Lower Upper

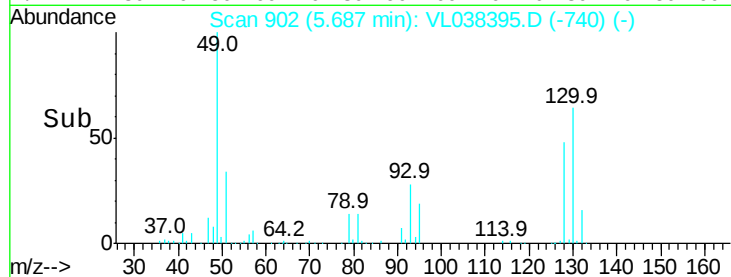
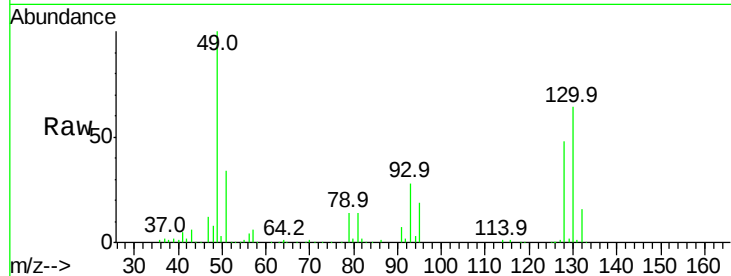
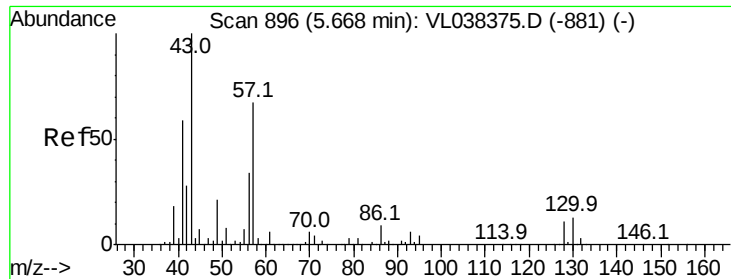
84 100

49 129.7 122.4 183.6

51 38.9 33.3 49.9

86 62.5 50.7 76.1



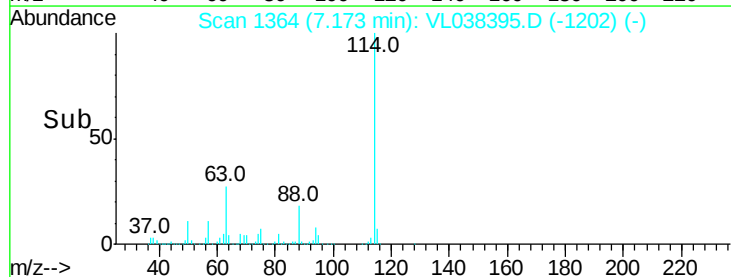
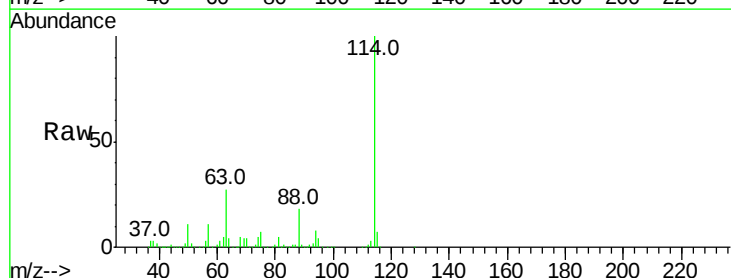
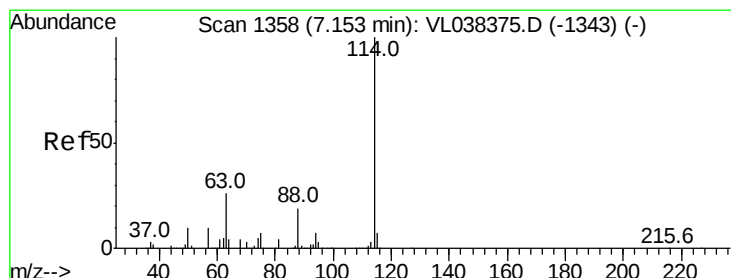
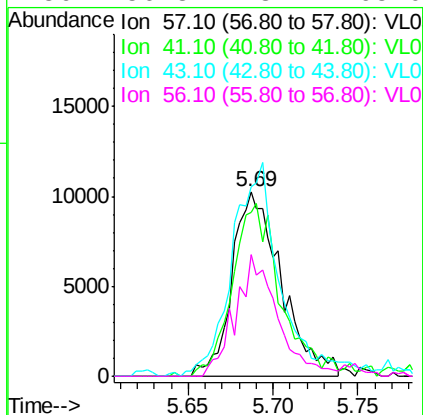


#26
Hexane
Concen: 0.21 ppbv m
RT: 5.69
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 22 Feb 2022 19:37

Tgt Ion: 57.10 (56.80 to 57.80): VL0
Ion Ratio: 100
57 100
41 92.1
43 114.1
56 56.8 43.4 65.0

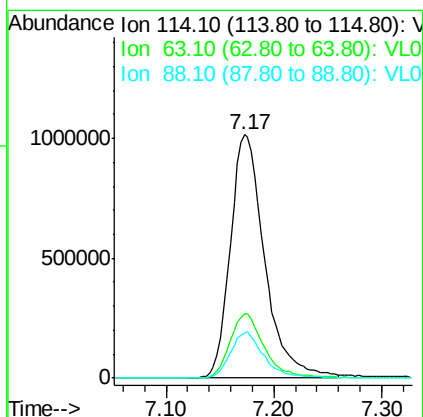
Manual Integrations
APPROVED

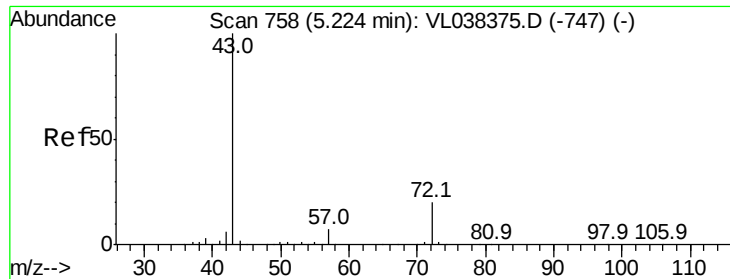
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.02 min
Lab File: VL038395.D
Acq: 22 Feb 2022 19:37

Tgt Ion: 114 Resp: 2255879
Ion Ratio Lower Upper
114 100
63 26.9 22.2 33.2
88 18.6 15.2 22.8



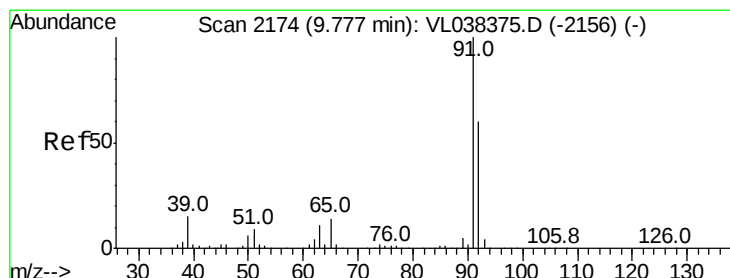
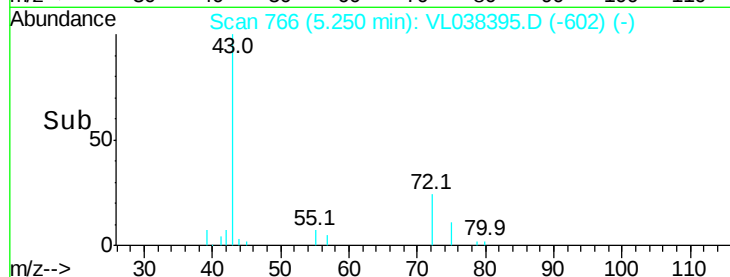
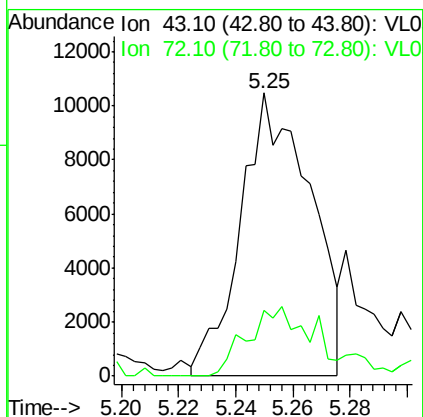
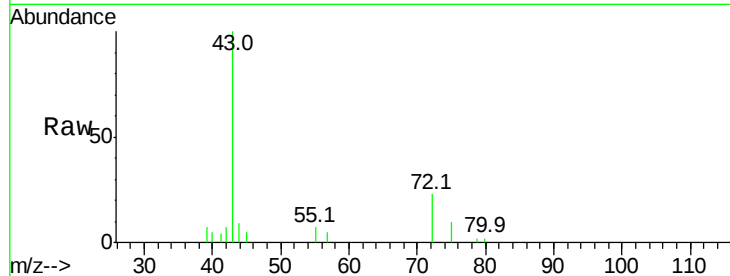


#34
2-Butanone
Concen: 0.25 ppbv m
RT: 5.25
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 22 Feb 2022 19:37

Tgt Ion:
Ion Ratio
43 100
72 0.

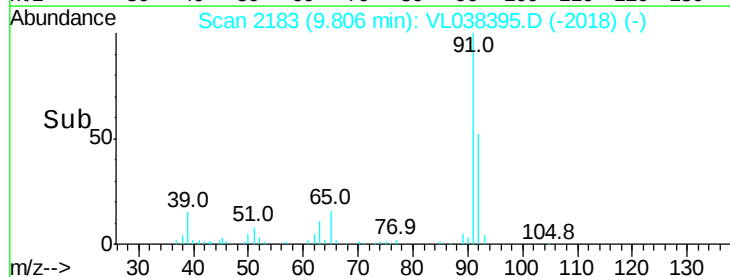
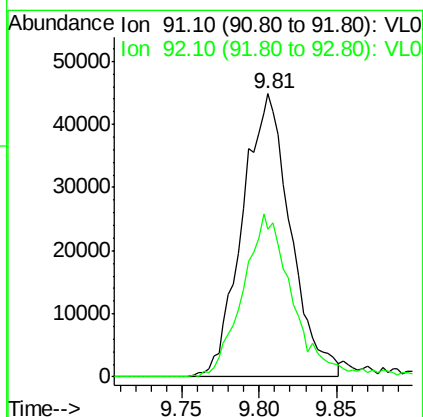
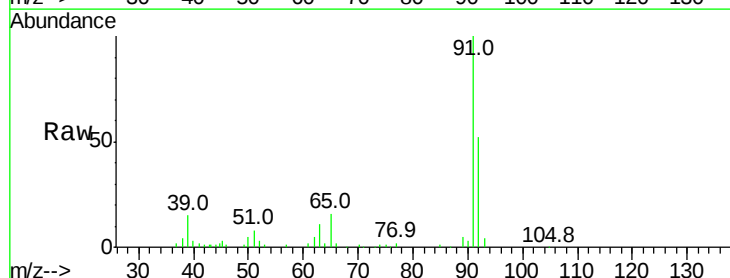
Manual Integrations
APPROVED

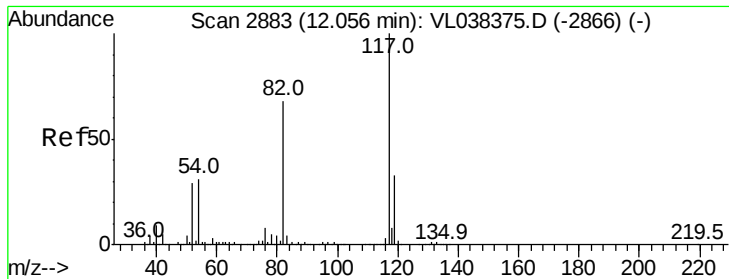
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#53
Toluene
Concen: 0.45 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. 0.03 min
Lab File: VL038395.D
Acq: 22 Feb 2022 19:37

Tgt Ion: 91 Resp: 97529
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.4



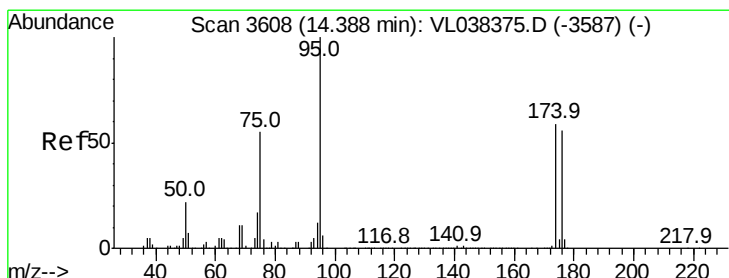
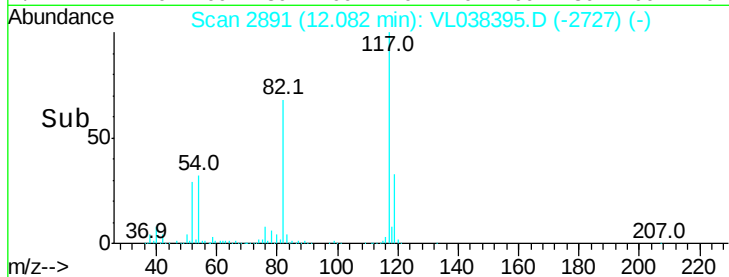
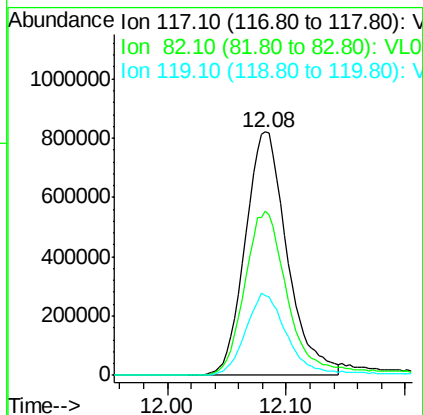
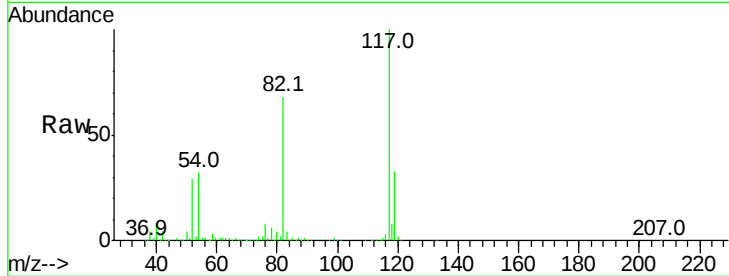


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 22 Feb 2022 19:37

Tgt Ion: 117.0
Ion Ratio: 100
117 100
82 73.1
119 35.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.92 ppbv
RT: 14.41 min Scan# 3615
Delta R.T.: 0.02 min
Lab File: VL038395.D
Acq: 22 Feb 2022 19:37

Tgt Ion: 95 Resp: 1645794
Ion Ratio Lower Upper
95 100
174 61.7 49.0 73.4
175 4.4 3.6 5.4

