

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038976.D
 Acq On : 5 May 2022 17:20
 Operator : SY/AP
 Sample : N2698-03DL 5X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

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

Quant Time: May 06 08:27:18 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	1303271	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3408220	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2986947	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2374953m	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	28871	0.141 ppbv #	83
9) Propene	3.02	41	60101	0.851 ppbv #	82
13) Ethanol	3.61	45	39392m	7.143 ppbv	
15) Acetone	3.85	43	1183105	9.624 ppbv	98
20) Methylene Chloride	4.35	84	124655	2.690 ppbv	97
26) Hexane	5.68	57	214546	1.641 ppbv #	37
27) Carbon Disulfide	4.55	76	48249	0.388 ppbv #	81
34) 2-Butanone	5.25	43	312289	1.796 ppbv #	88
51) 2-Hexanone	10.13	43	95458	0.429 ppbv	93
52) Tetrachloroethene	11.21	164	147392	1.414 ppbv	96
53) Toluene	9.80	91	90256	0.276 ppbv	100
58) Ethyl Benzene	12.70	91	63839	0.149 ppbv	97
59) m/p-Xylene	12.95	91	216827	0.591 ppbv	95
60) o-Xylene	13.68	91	84097m	0.243 ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	63147m	0.163 ppbv	

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

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Operator : SY/AP
Sample : N2698-03DL 5X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Manual Integrations
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Quant Time: May 06 08:27:18 2022

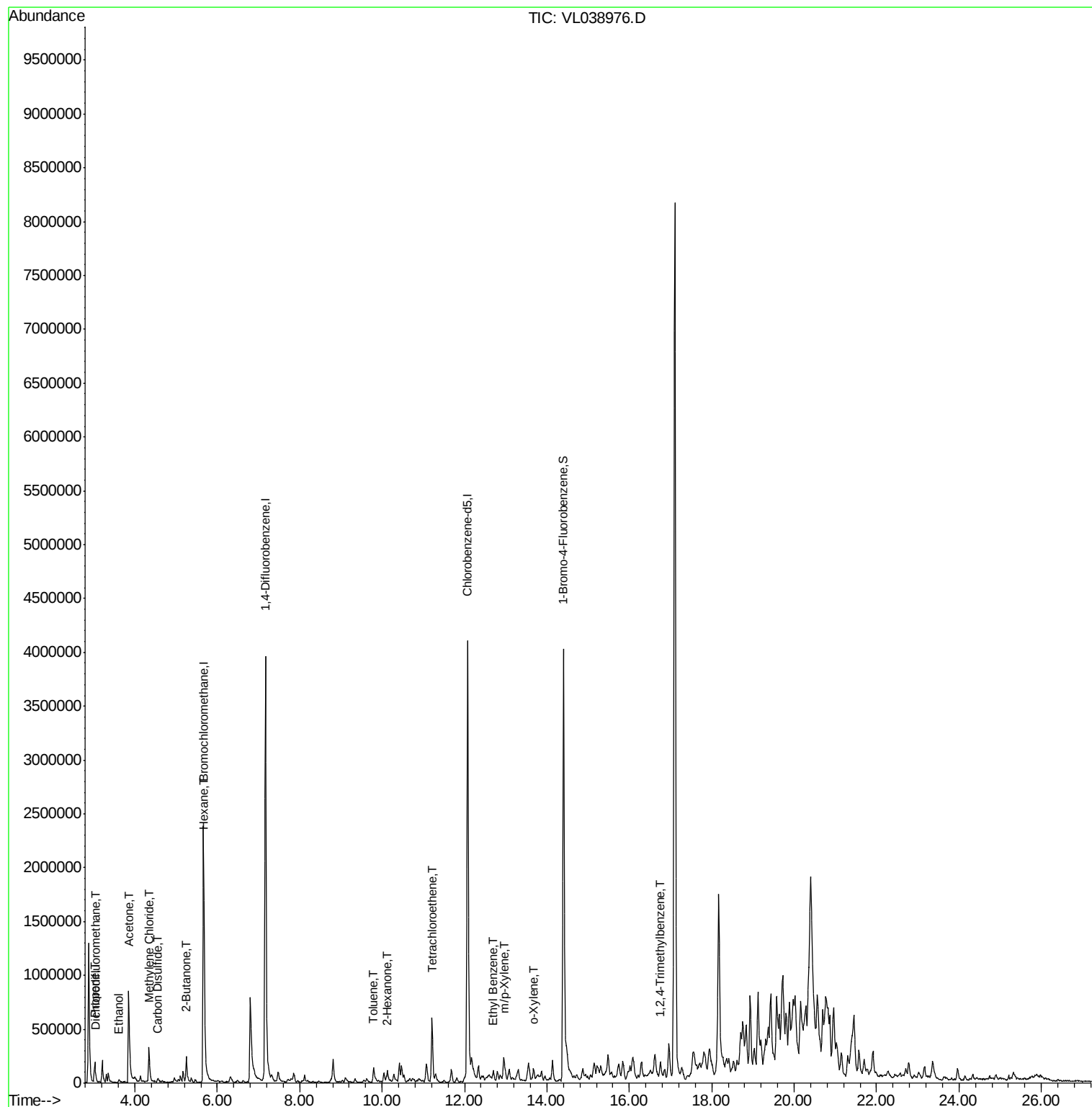
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050522

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: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: SV2DL

Acq: 5 May 2022 17:20

Tot Ion:

Ion Ratio

49 100

128 48.

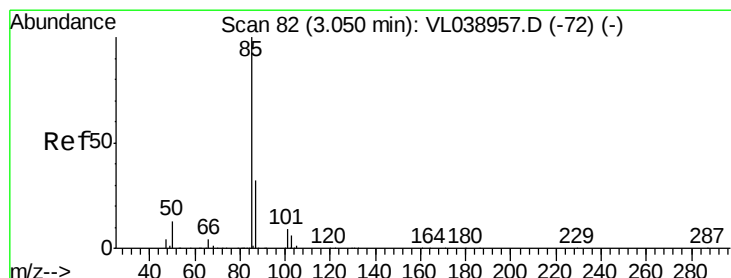
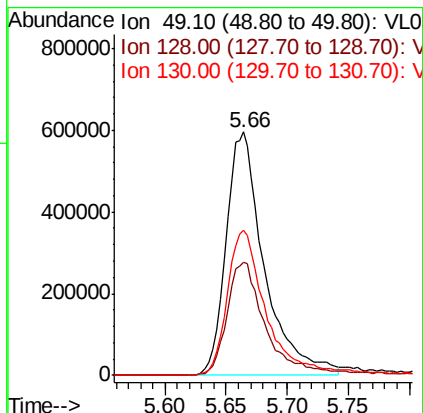
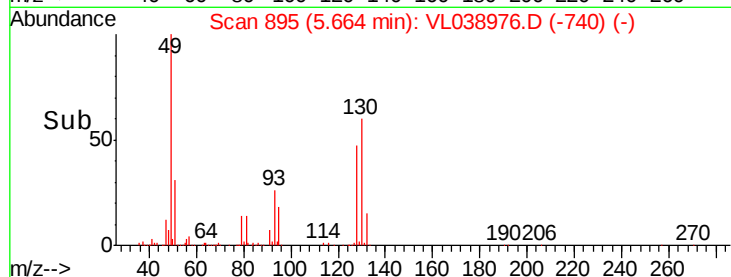
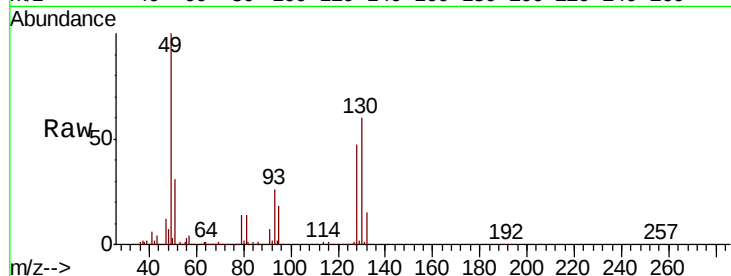
130 62.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#2

Dichlorodifluoromethane

Concen: 0.141 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL038976.D

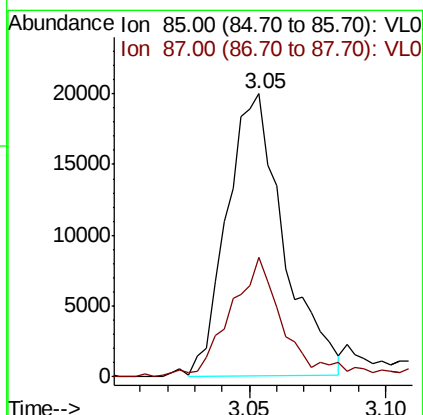
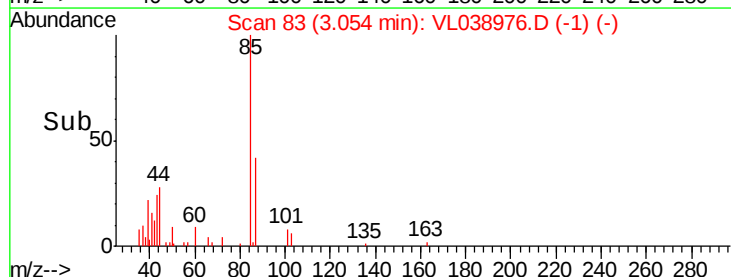
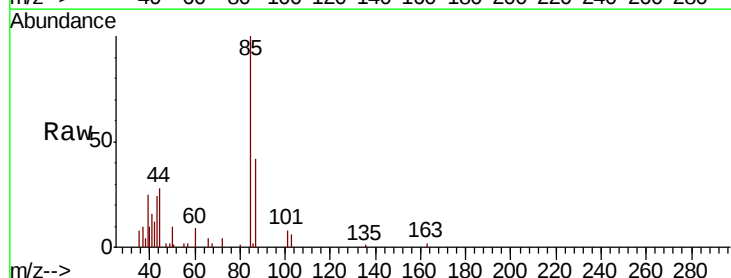
Acq: 5 May 2022 17:20

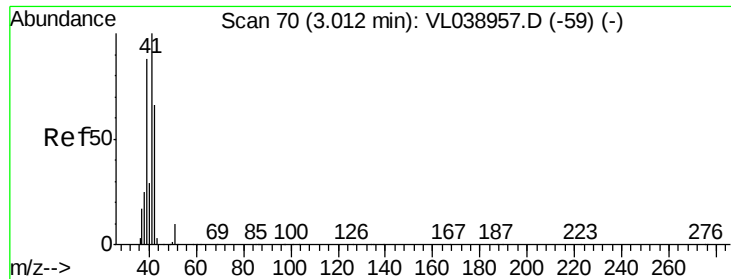
Tgt Ion: 85 Resp: 28871

Ion Ratio Lower Upper

85 100

87 41.4 25.7 38.5#





#9

Propene

Concen: 0.851 ppbv

RT: 3.02 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 17:20 SV2DL

Tot Ion:

Ion Ratio

41 100

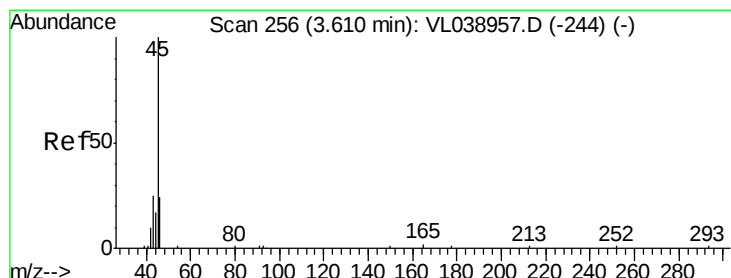
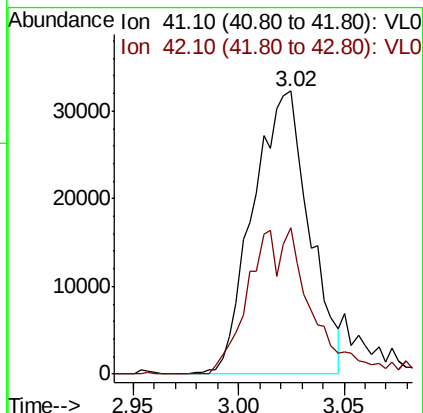
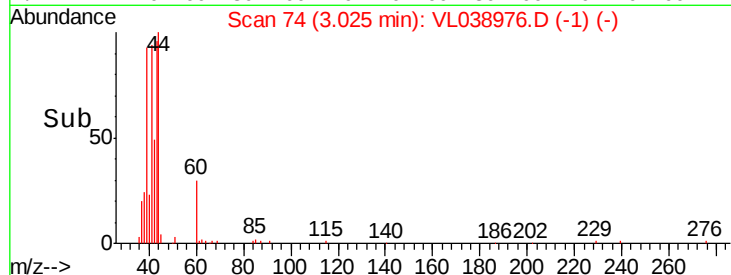
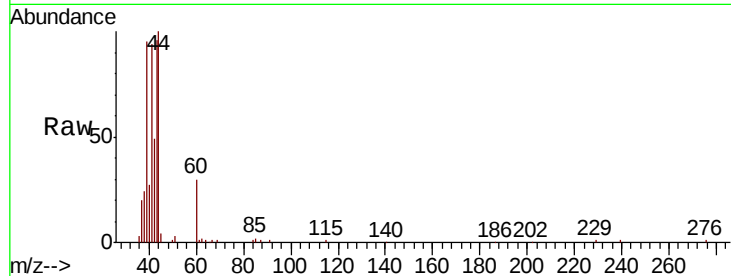
42 57.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#13

Ethanol

Concen: 7.143 ppbv m

RT: 3.61 min Scan# 257

Delta R.T. 0.00 min

Lab File: VL038976.D

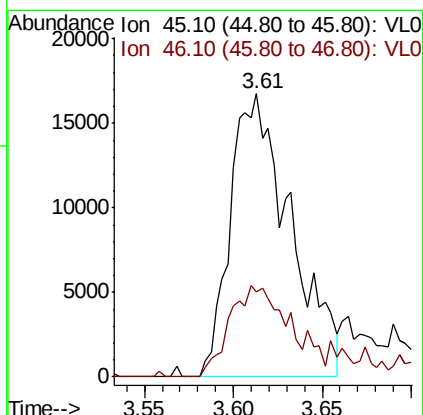
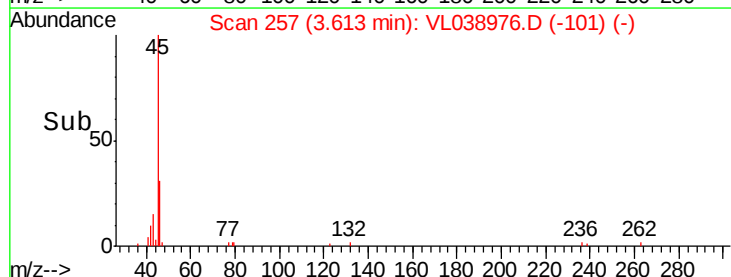
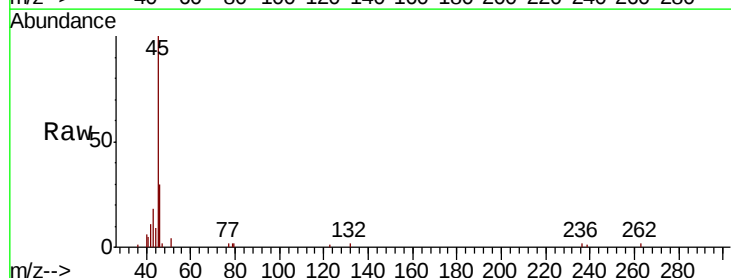
Acq: 5 May 2022 17:20

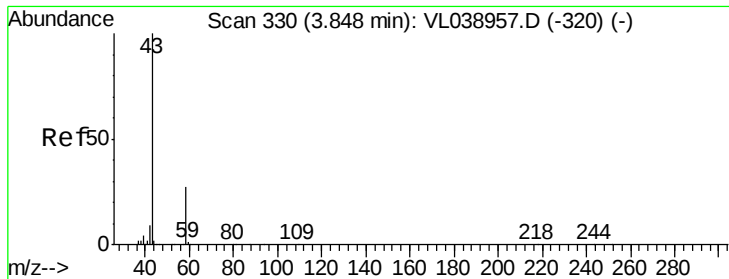
Tgt Ion: 45 Resp: 39392

Ion Ratio Lower Upper

45 100

46 41.6 18.0 72.2



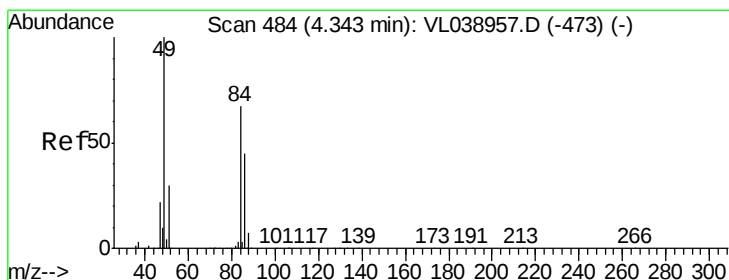
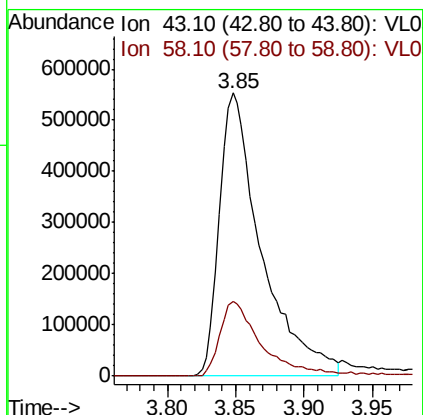
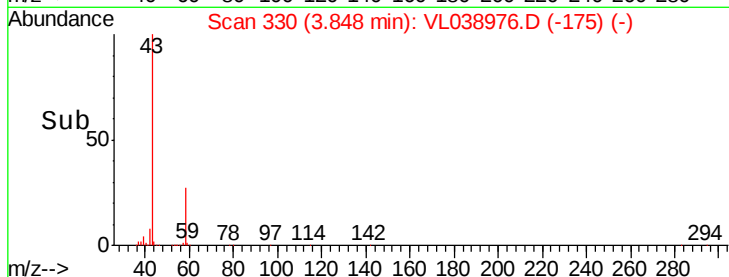
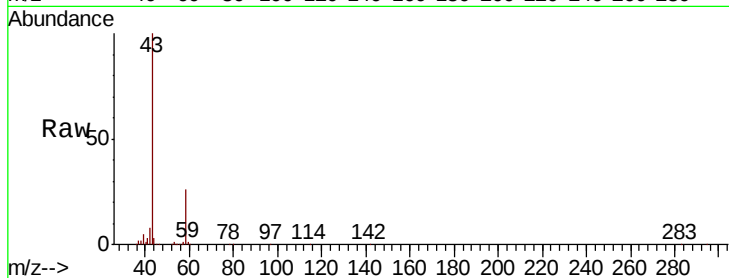


#15
Acetone
Concen: 9.624 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 17:20

Tot Ion:
Ion Rati
43 100
58 27.

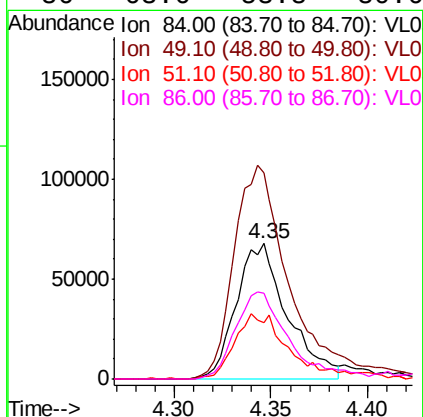
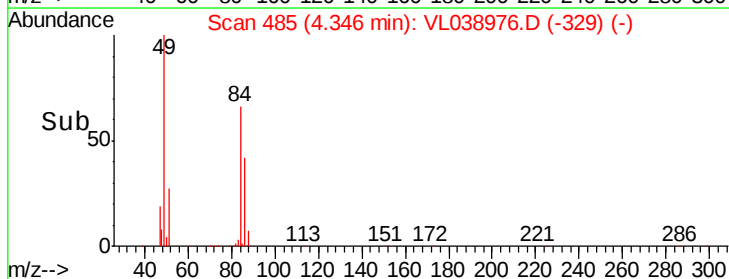
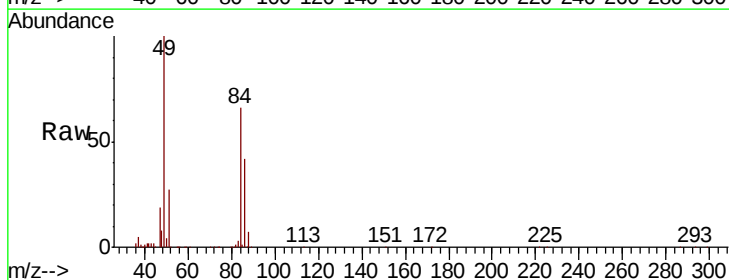
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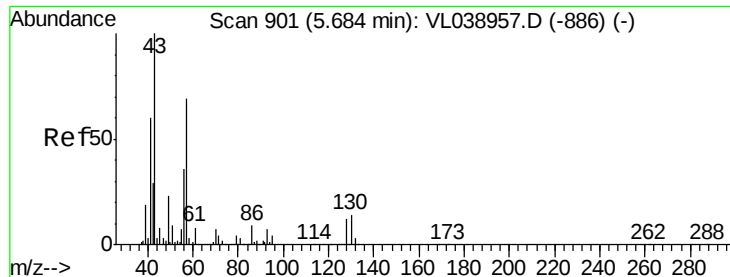
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#20
Methylene Chloride
Concen: 2.690 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL038976.D
Acq: 5 May 2022 17:20

Tgt Ion: 84 Resp: 124655
Ion Ratio Lower Upper
84 100
49 151.7 119.9 179.9
51 41.0 35.7 53.5
86 63.6 53.8 80.6





#26

Hexane

Concen: 1.641 ppbv

RT: 5.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 17:20

Tot Ion:

Ion Ratio

57 100

41 101.

43 73.

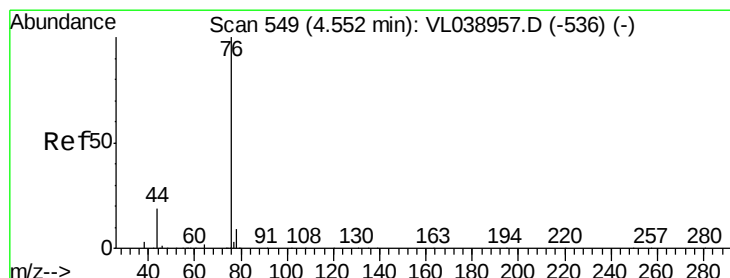
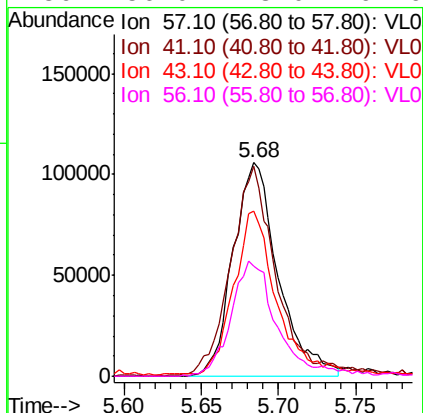
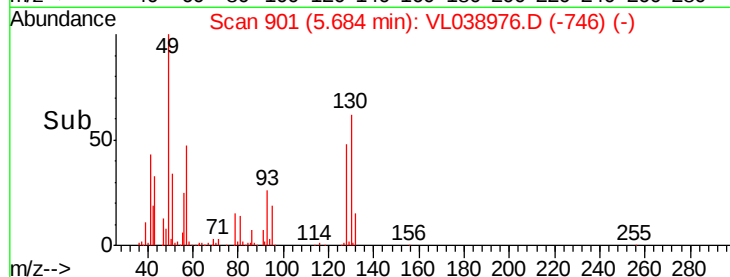
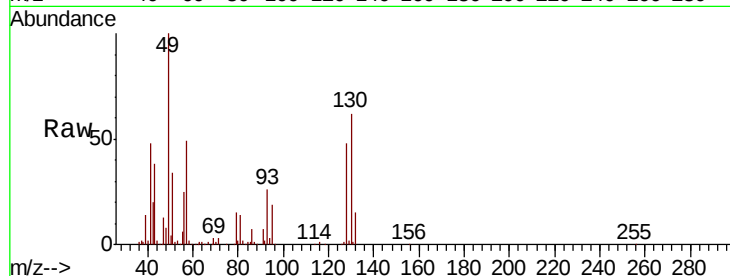
56 56.0

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#27

Carbon Disulfide

Concen: 0.388 ppbv

RT: 4.55 min Scan# 548

Delta R.T. -0.00 min

Lab File: VL038976.D

Acq: 5 May 2022 17:20

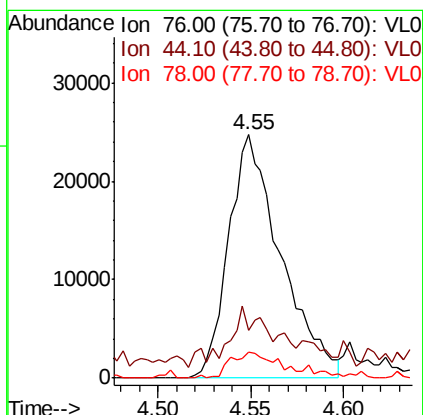
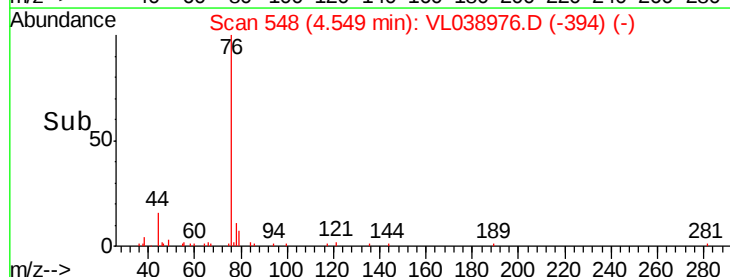
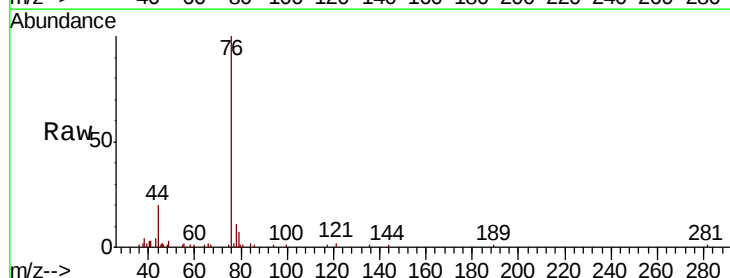
Tgt Ion: 76 Resp: 48249

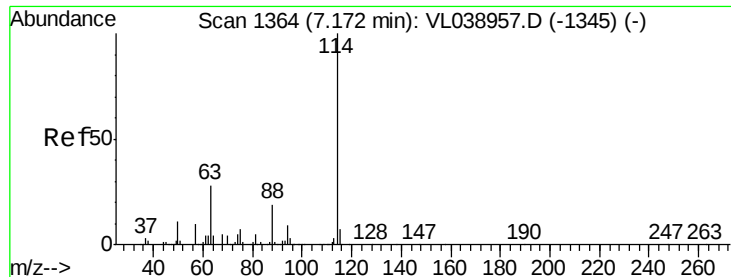
Ion Ratio Lower Upper

76 100

44 30.9 15.3 22.9#

78 11.8 8.2 12.2



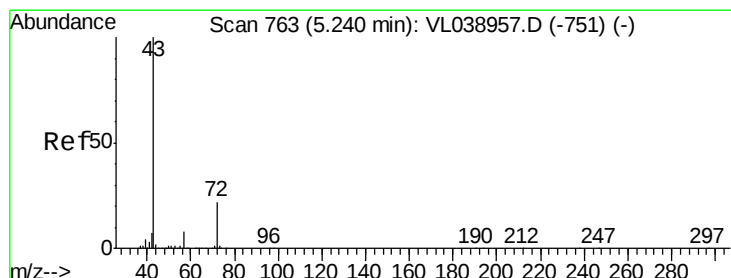
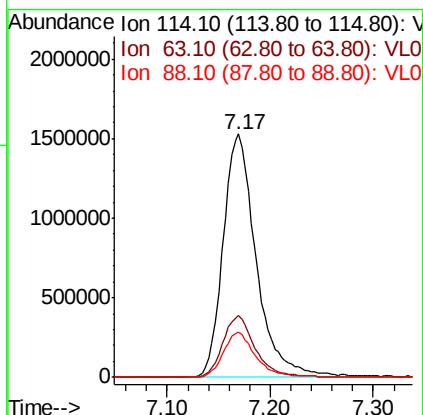
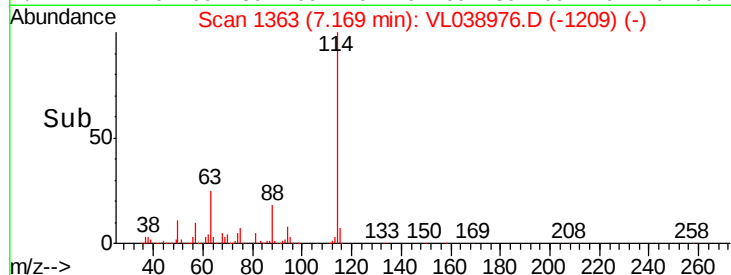
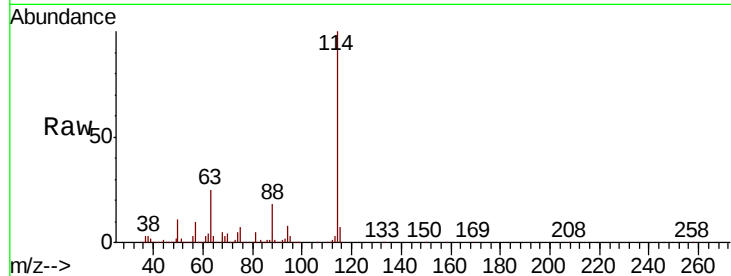


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV2DL
 Acq: 5 May 2022 17:20

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

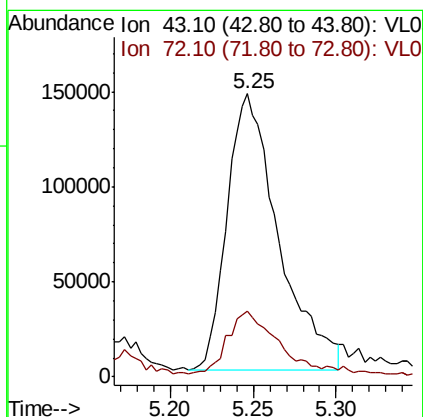
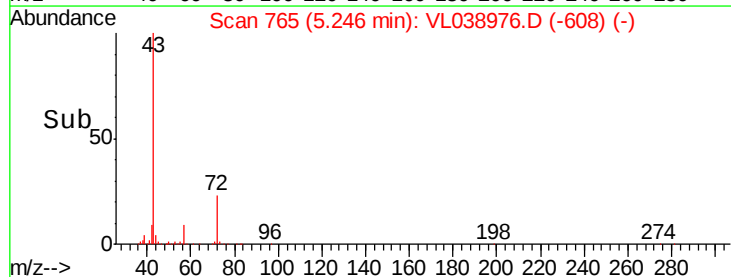
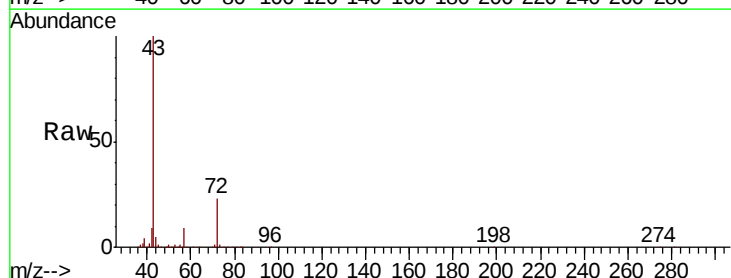
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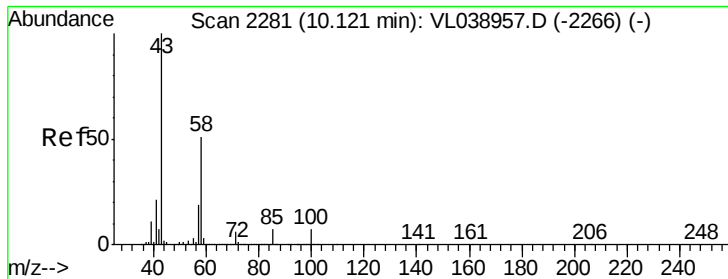
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#34
 2-Butanone
 Concen: 1.796 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: VL038976.D
 Acq: 5 May 2022 17:20

Tgt Ion: 43 Resp: 312289
 Ion Ratio Lower Upper
 43 100
 72 28.0 17.8 26.6#



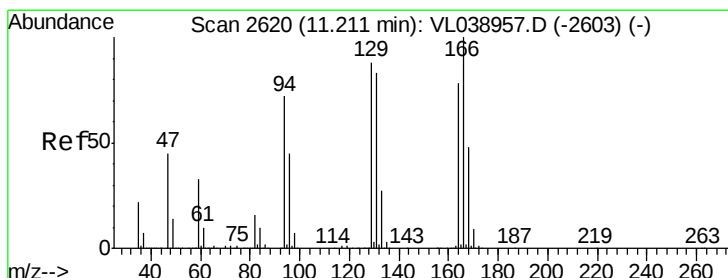
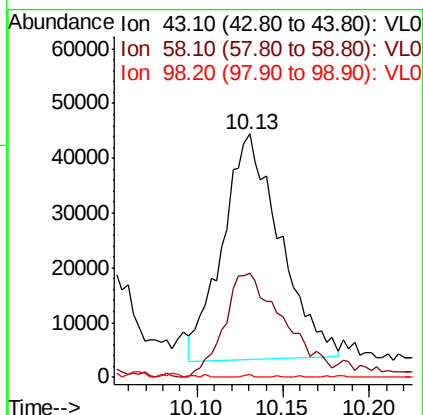
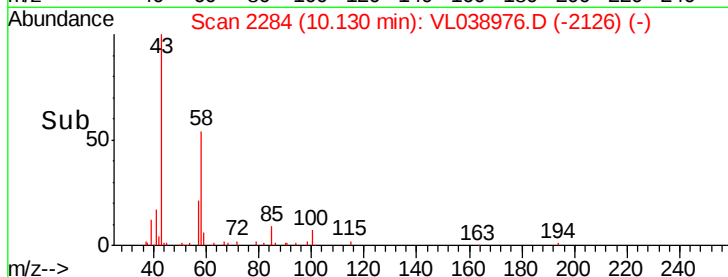
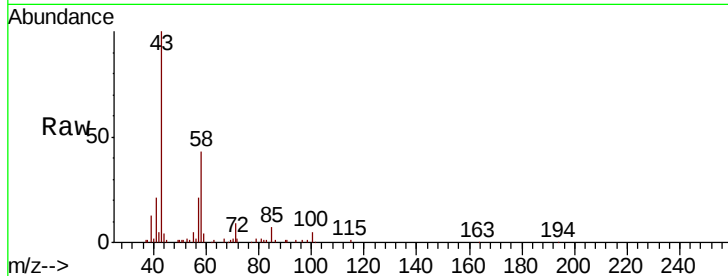


#51
2-Hexanone
Concen: 0.429 ppbv
RT: 10.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 17:20

Tot Ion:
Ion Ratio
43 100
58 53.
98 0.

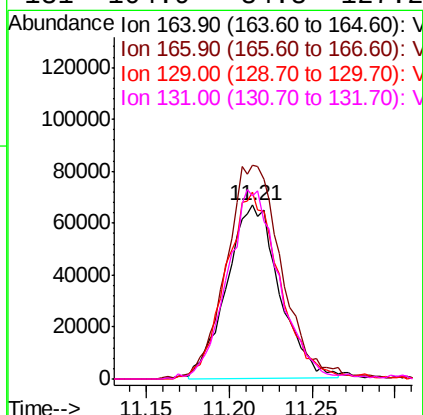
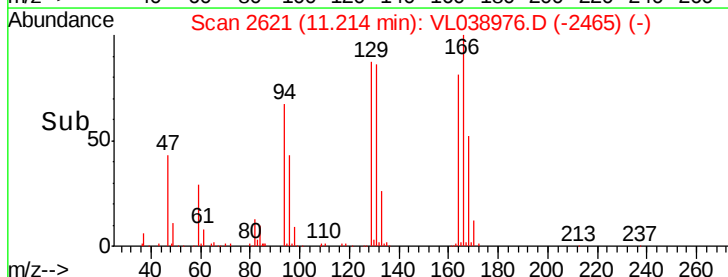
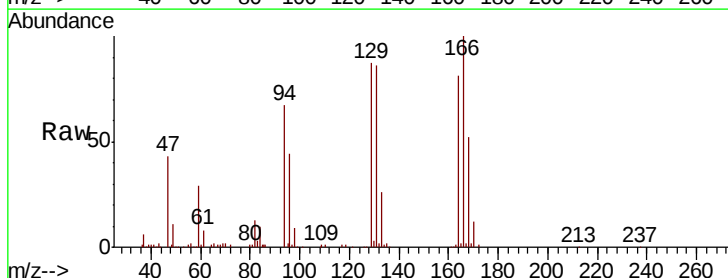
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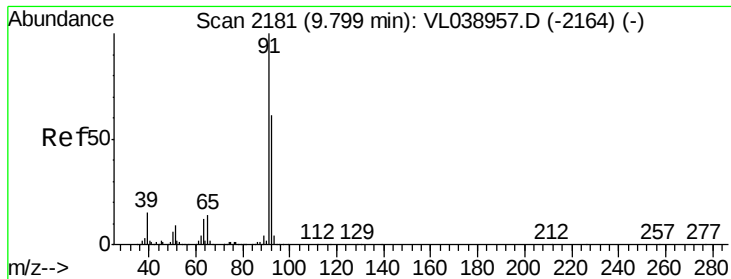
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#52
Tetrachloroethene
Concen: 1.414 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.00 min
Lab File: VL038976.D
Acq: 5 May 2022 17:20

Tgt Ion:164 Resp: 147392
Ion Ratio Lower Upper
164 100
166 122.0 102.5 153.7
129 107.1 90.1 135.1
131 104.9 84.8 127.2



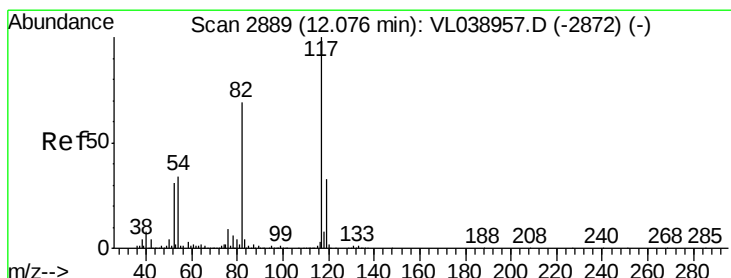
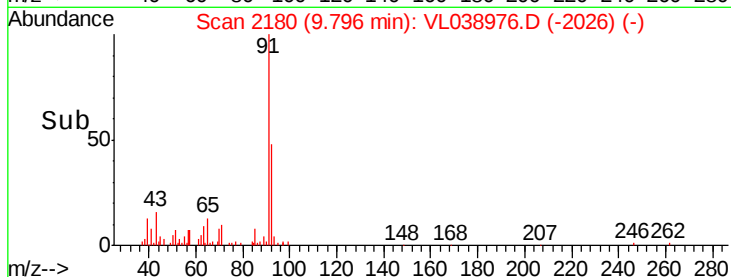
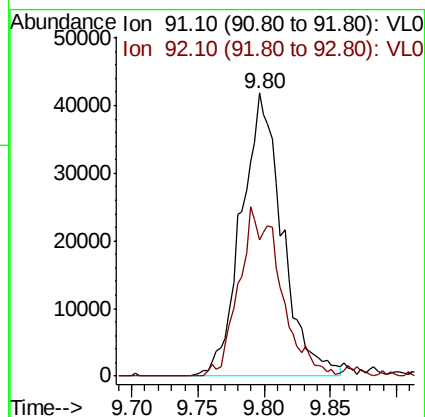
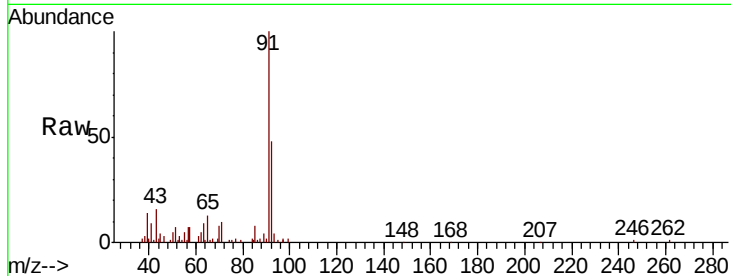


#53
Toluene
Concen: 0.276 ppbv
RT: 9.80
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 17:20

Tot Ion:
Ion Ratio
91 100
92 60.

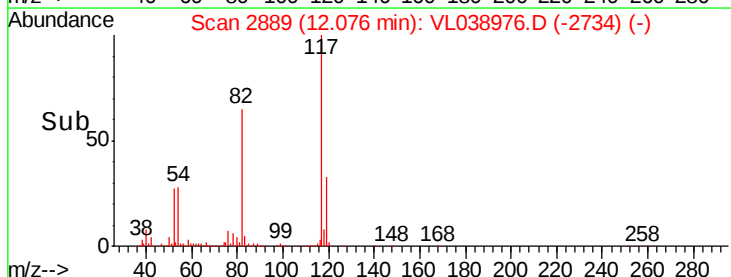
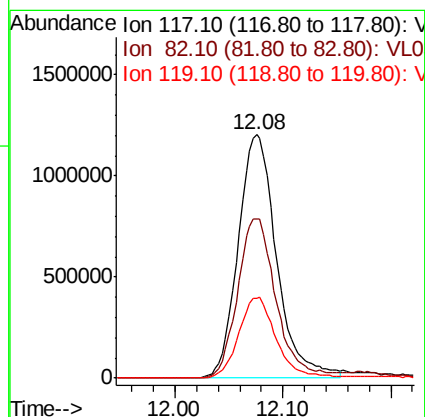
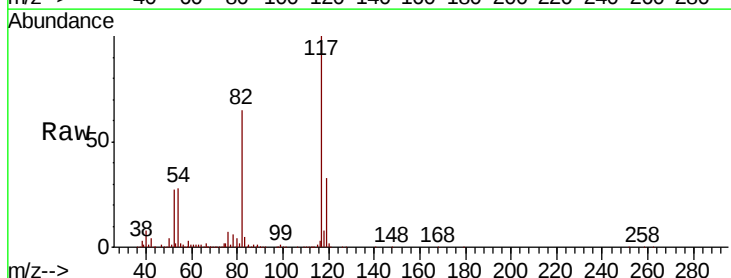
Manual Integrations
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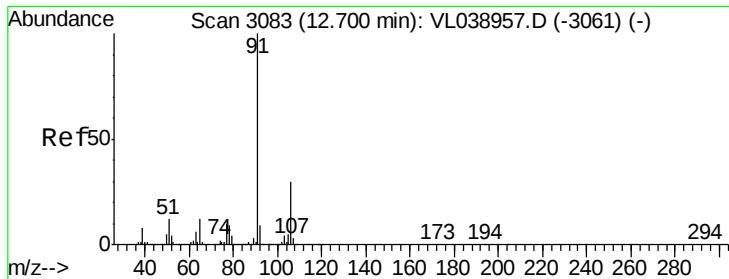
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T.: -0.00 min
Lab File: VL038976.D
Acq: 5 May 2022 17:20

Tgt Ion:117 Resp: 2986947
Ion Ratio Lower Upper
117 100
82 65.6 57.0 85.6
119 33.7 27.2 40.8





#58

Ethyl Benzene

Concen: 0.149 ppbv

RT: 12.70

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 17:20

Tot Ion:

Ion Ratio

91 100

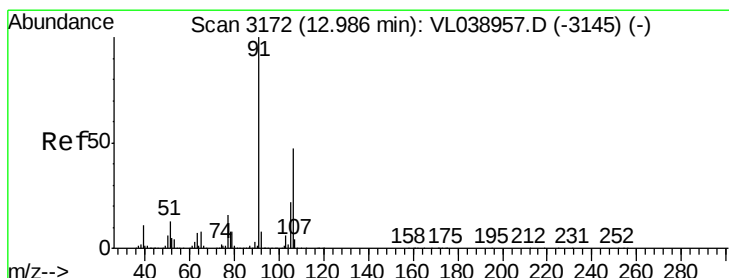
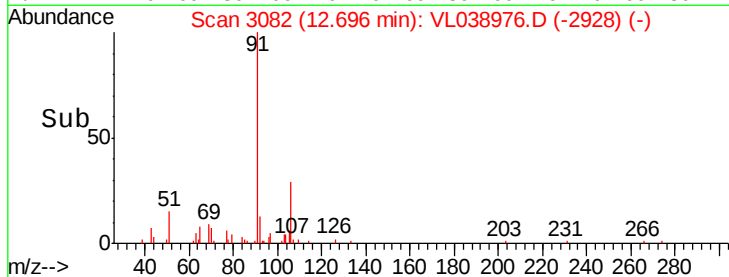
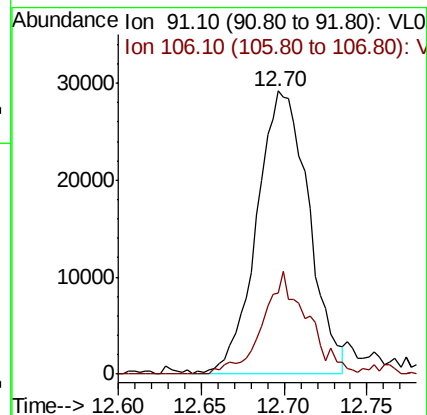
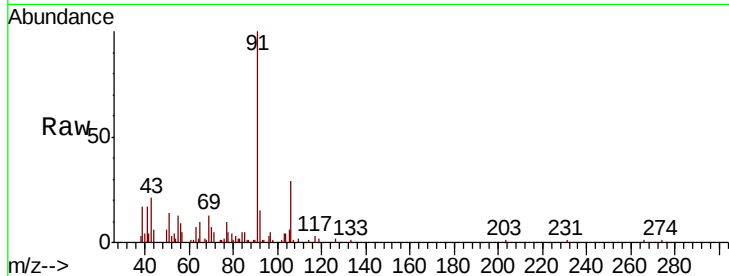
106 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#59

m/p-Xylene

Concen: 0.591 ppbv

RT: 12.95 min Scan# 3161

Delta R.T. -0.04 min

Lab File: VL038976.D

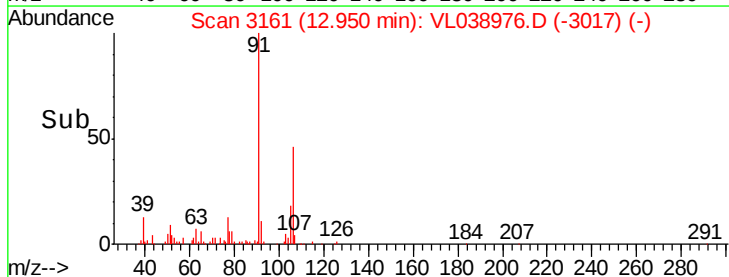
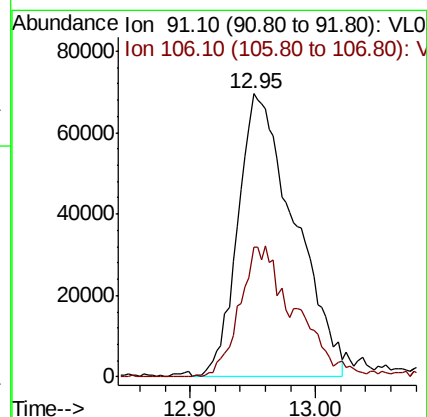
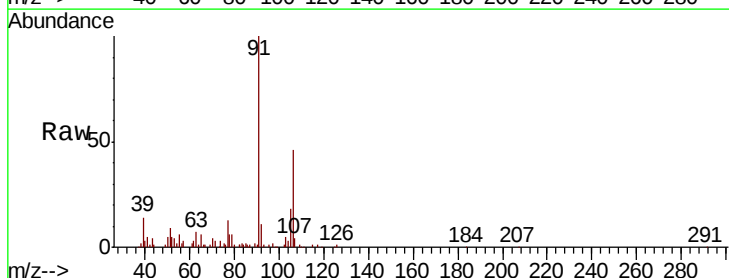
Acq: 5 May 2022 17:20

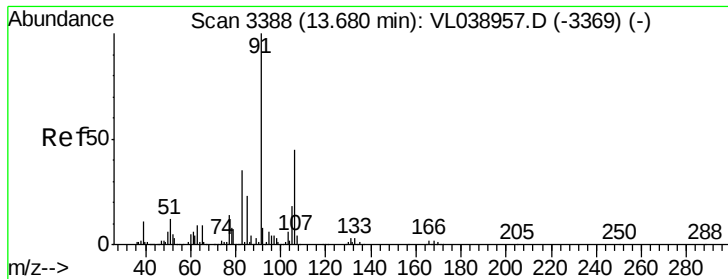
Tgt Ion: 91 Resp: 216827

Ion Ratio Lower Upper

91 100

106 46.7 34.6 52.0





#60

o-Xylene

Concen: 0.243 ppbv m

RT: 13.68

Delta R.T.

Lab File:

Acq: 5 May 2022 17:20

Instrument:

MSVOA_L

ClientSampleId:

SV2DL

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

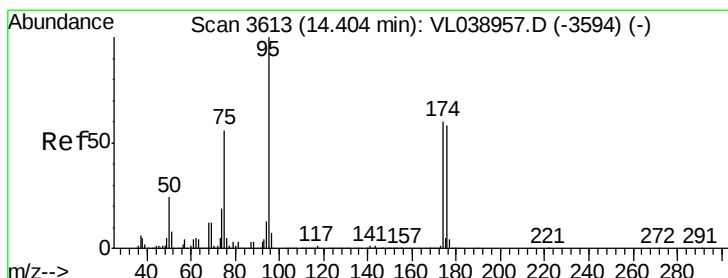
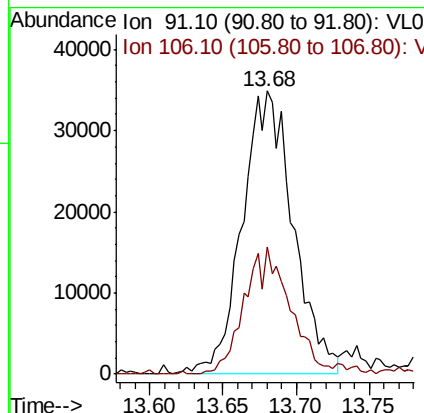
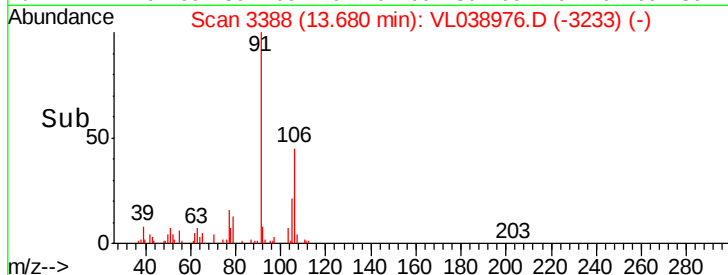
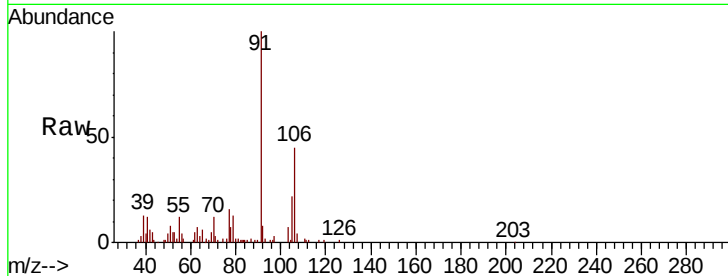
Supervised By :Mahesh Dadoda 05/09/2022

Tot Ion:

Ion Ratio

91 100

106 41.



#68

1-Bromo-4-Fluorobenzene

Concen: 10.040 ppbv m

RT: 14.41 min Scan# 3614

Delta R.T. 0.00 min

Lab File: VL038976.D

Acq: 5 May 2022 17:20

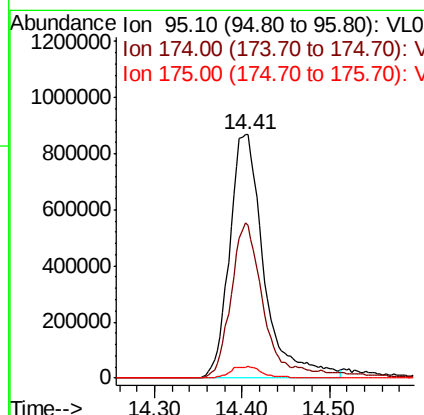
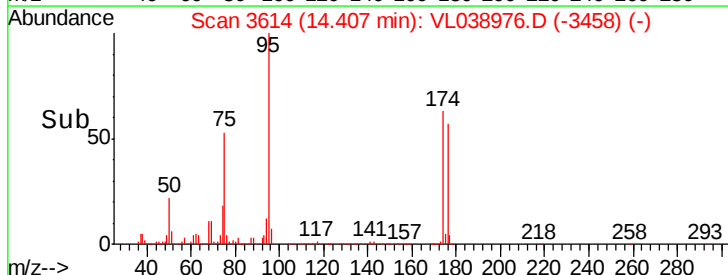
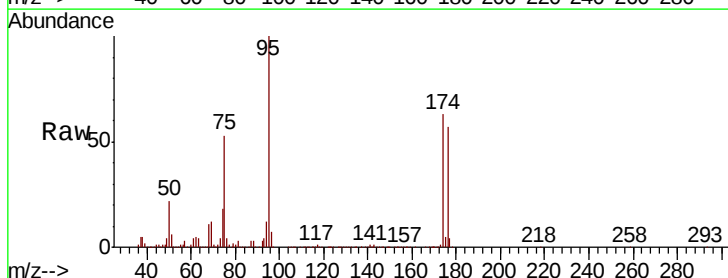
Tgt Ion: 95 Resp: 2374953

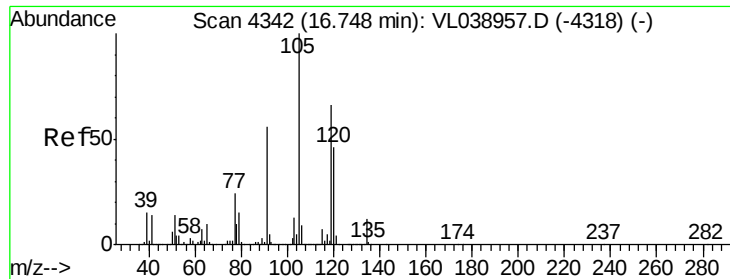
Ion Ratio Lower Upper

95 100

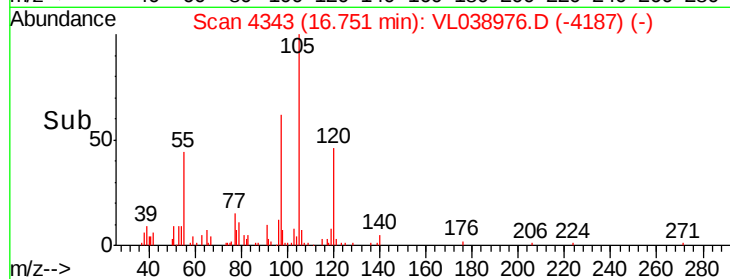
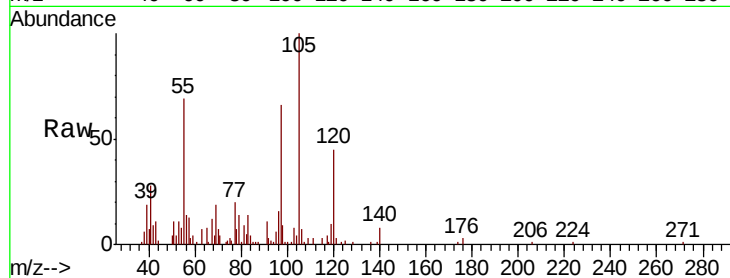
174 63.3 50.8 76.2

175 4.6 3.8 5.6





#74
 1,2,4-Trimethylbenzene
 Concen: 0.163 ppbv m
 RT: 16.75
 Delta R.T
 Lab File:
 Acq: 5 May 2022 17:20



Tot Ion:1
 Ion Rati
 105 100
 120 45.
 91 10.
 77 20.2 19.2 28.8

Manual Integrations APPROVED

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

