

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020122\
 Data File : VL038322.D
 Acq On : 1 Feb 2022 15:26
 Operator : SY/AP
 Sample : N1341-02DUPDL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-2DUPDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2022
 Supervised By :Mahesh Dadoda 02/07/2022

Quant Time: Feb 02 06:30:26 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	968496	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2677217	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	2354007	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1786516	10.00	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	781220m	12.447	ppbv	
10) Heptane	8.09	43	17543	0.109	ppbv	93
13) Ethanol	3.60	45	16284	2.417	ppbv	78
15) Acetone	3.84	43	78907m	0.924	ppbv	
17) tert-Butyl alcohol	4.29	59	14739m	0.157	ppbv	
19) Isopropyl Alcohol	3.97	45	6023m	0.113	ppbv	
26) Hexane	5.66	57	67513	0.607	ppbv #	45
30) Cyclohexane	7.09	84	12336m	0.127	ppbv	
34) 2-Butanone	5.23	43	16323	0.186	ppbv #	85
36) Benzene	6.85	78	26483m	0.112	ppbv	
52) Tetrachloroethene	11.17	164	3049m	0.037	ppbv	
53) Toluene	9.76	91	41910	0.160	ppbv	93
69) p-Isopropyltoluene	17.61	119	47076m	0.147	ppbv	

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

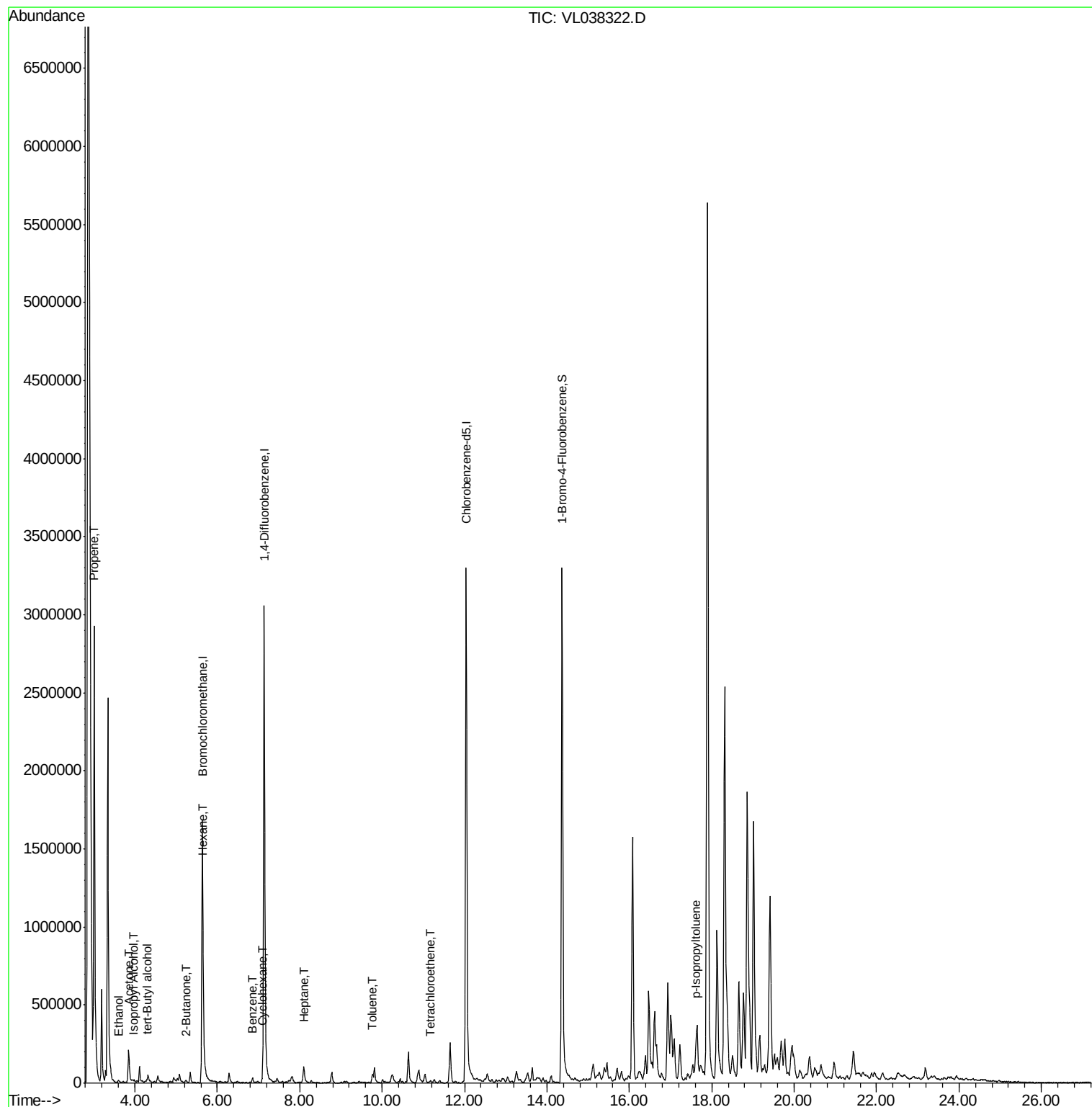
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL020122\
Data File : VL038322.D
Acq On : 1 Feb 2022 15:26
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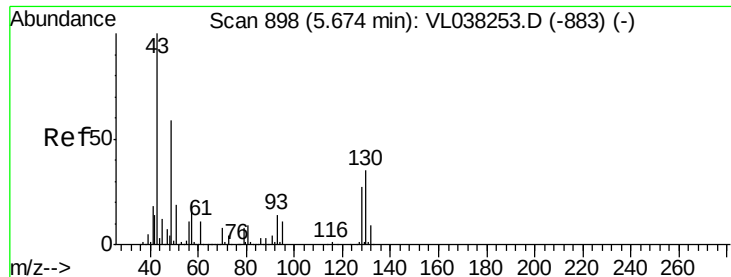
Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Quant Time: Feb 02 06:30:26 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL012422
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Jan 24 14:12:48 2022
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Supervised By :Mahesh Dadoda 02/07/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Feb 2022 15:26 SVP-2DUPDL

Tgt Ion:

Ion Ratio

49 100

128 49.

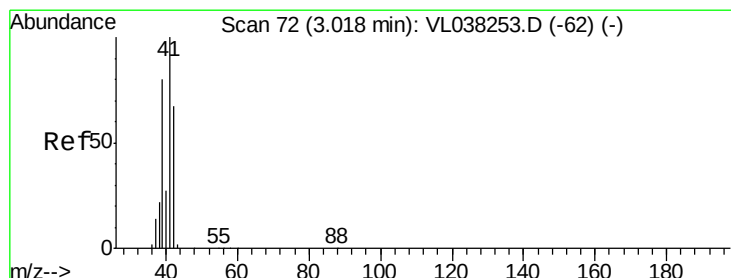
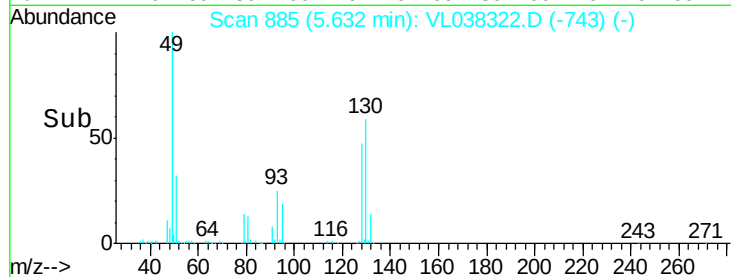
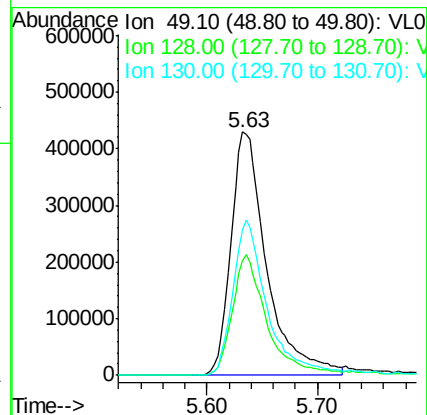
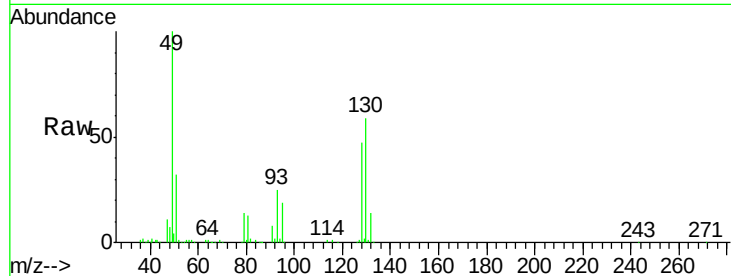
130 63.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/07/2022

Supervised By :Mahesh Dadoda 02/07/2022



#9

Propene

Concen: 12.447 ppbv m

RT: 3.01 min Scan# 69

Delta R.T. -0.01 min

Lab File: VL038322.D

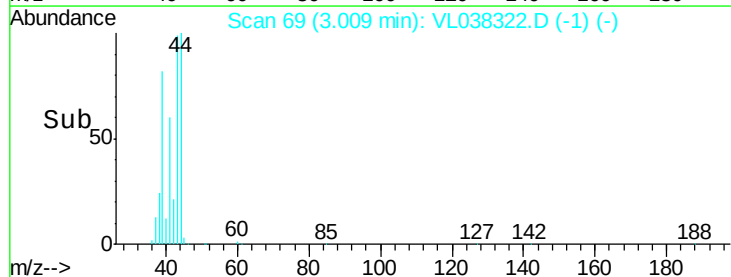
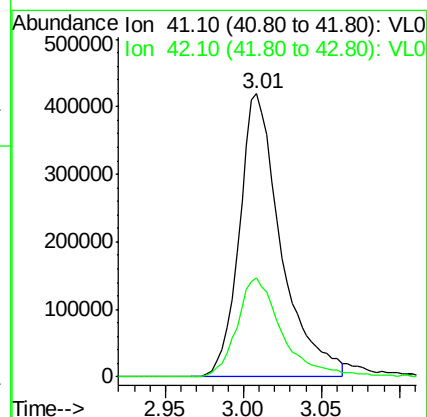
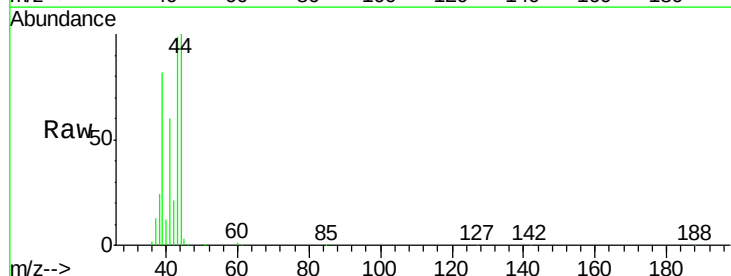
Acq: 1 Feb 2022 15:26

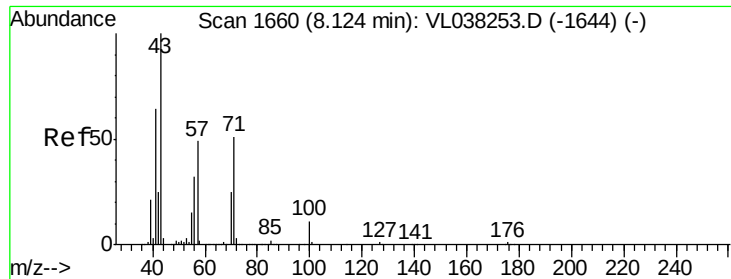
Tgt Ion: 41 Resp: 781220

Ion Ratio Lower Upper

41 100

42 18.2 54.9 82.3#



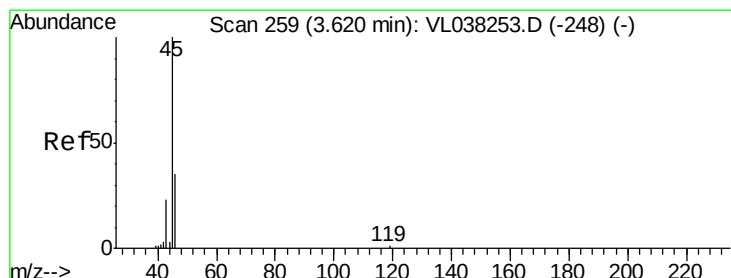
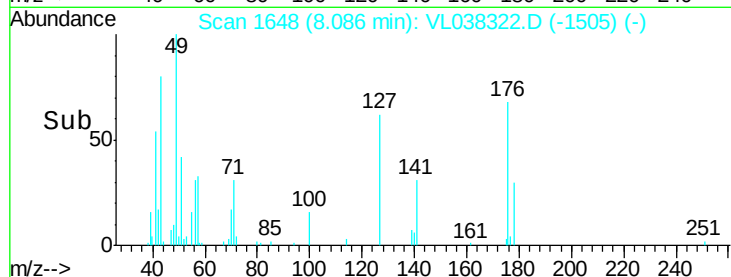
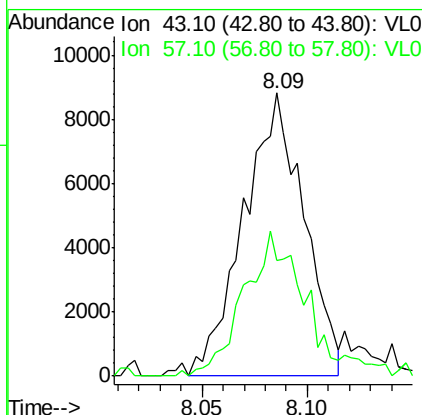
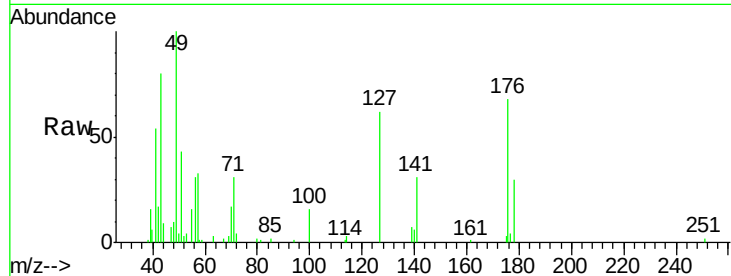


#10
Heptane
Concen: 0.109 ppbv
RT: 8.09
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 1 Feb 2022 15:26

Tgt Ion:
Ion Ratio
43 100
57 54.

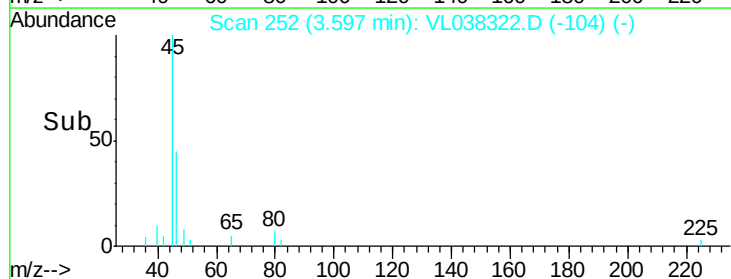
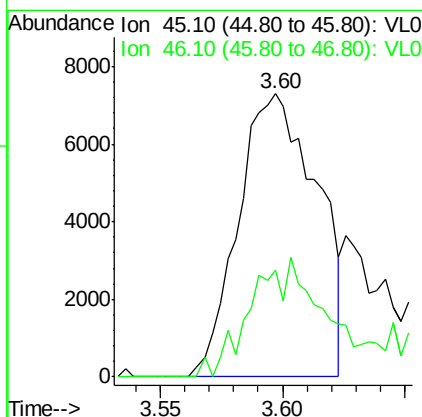
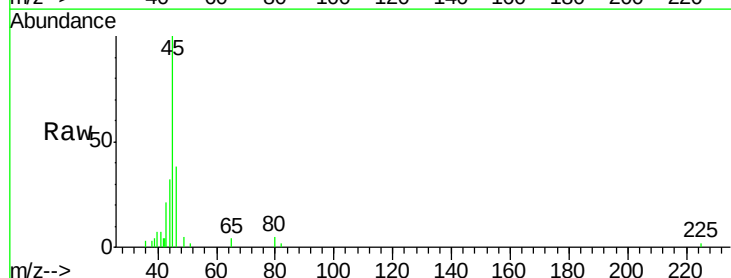
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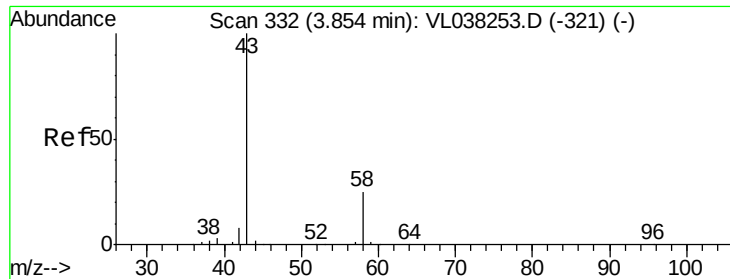
Reviewed By :Semsettin Yesilyurt 02/07/2022
Supervised By :Mahesh Dadoda 02/07/2022



#13
Ethanol
Concen: 2.417 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.02 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 45 Resp: 16284
Ion Ratio Lower Upper
45 100
46 51.8 15.4 61.6





#15

Acetone

Concen: 0.924 ppbv m

RT: 3.84 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Feb 2022 15:26 SVP-2DUPDL

Tgt Ion:

Ion Ratio

43 100

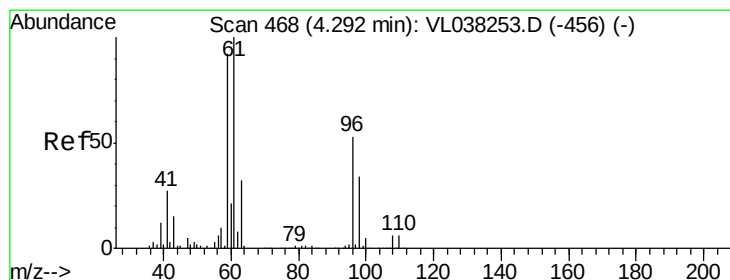
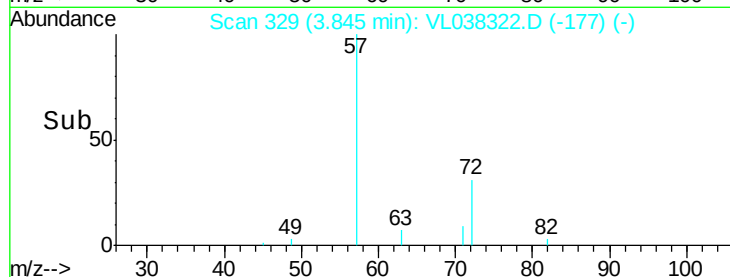
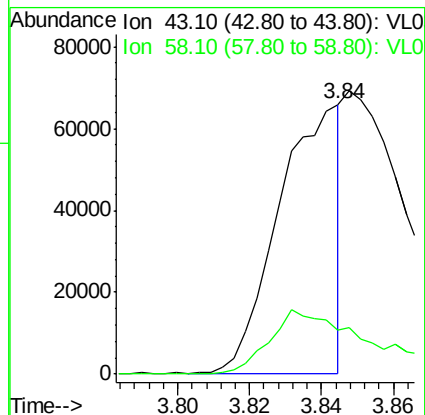
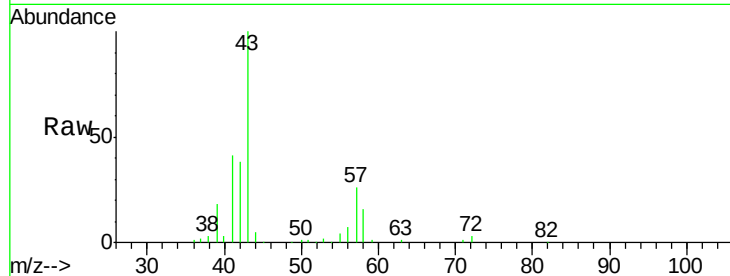
58 46.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/07/2022

Supervised By :Mahesh Dadoda 02/07/2022



#17

tert-Butyl alcohol

Concen: 0.157 ppbv m

RT: 4.29 min Scan# 469

Delta R.T. 0.00 min

Lab File: VL038322.D

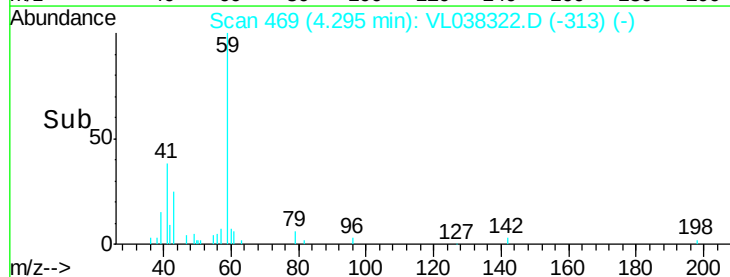
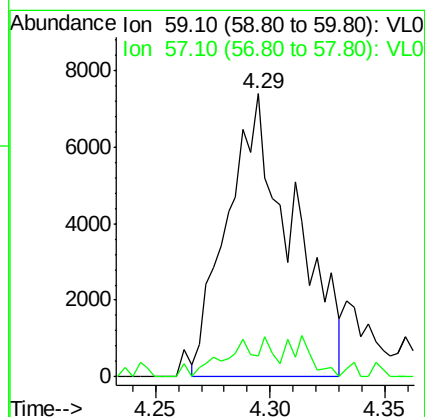
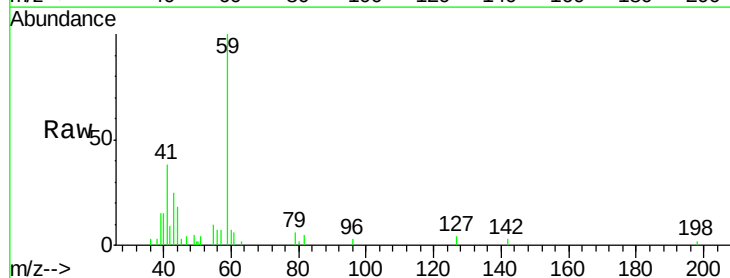
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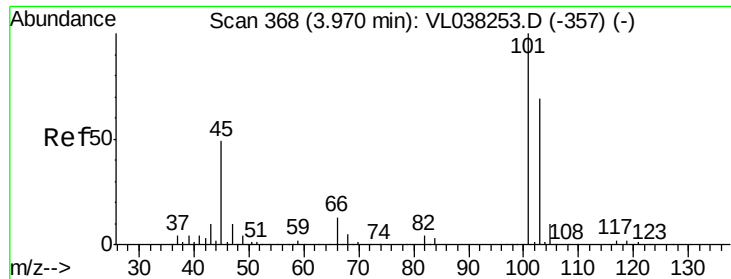
Tgt Ion: 59 Resp: 14739

Ion Ratio Lower Upper

59 100

57 0.0 9.2 13.8#



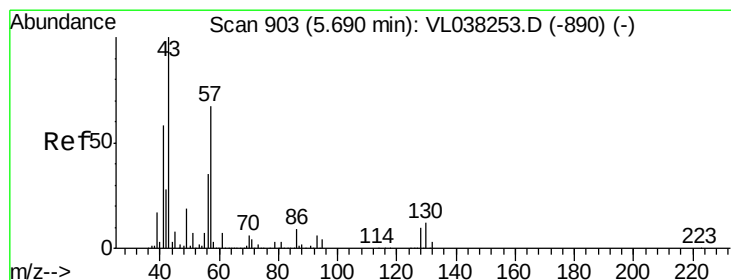
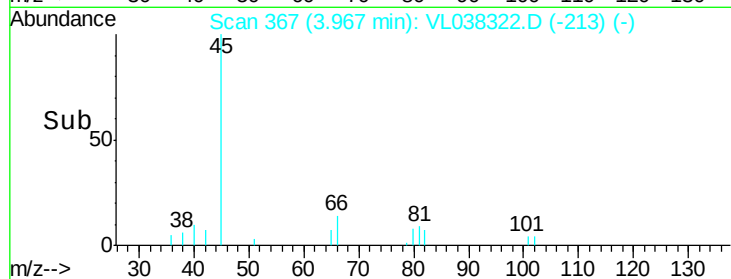
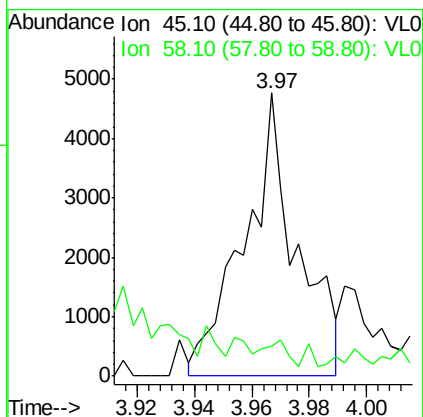
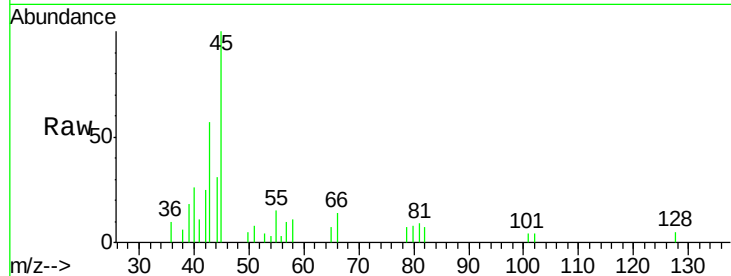


#19
Isopropyl Alcohol
Concen: 0.113 ppbv m
RT: 3.97
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId :
Acq: 1 Feb 2022 15:26

Tgt Ion:
Ion Ratio
45 100
58 0.

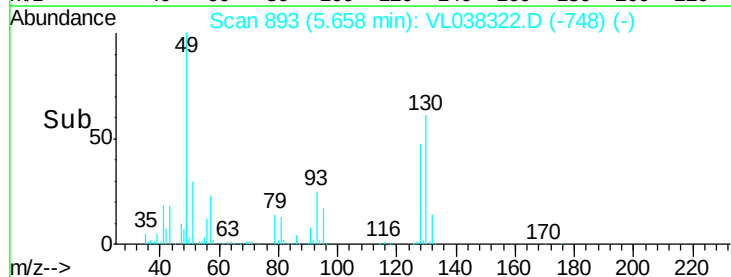
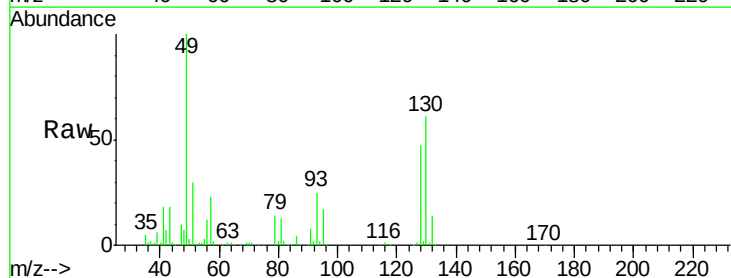
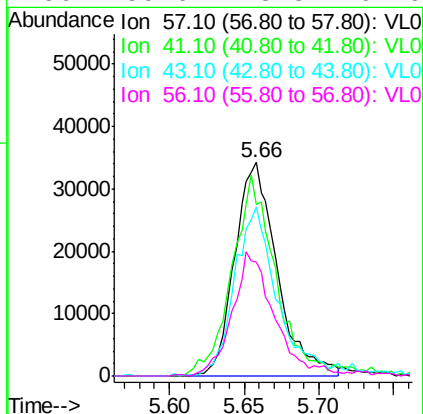
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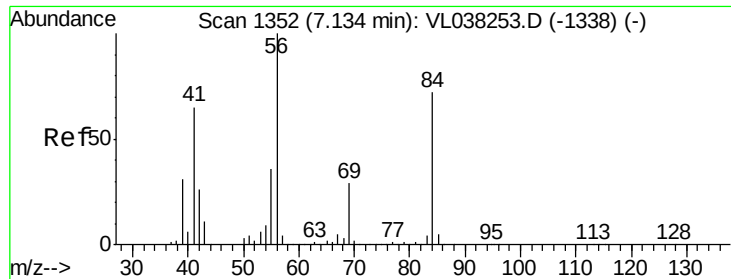
Reviewed By :Semsettin Yesilyurt 02/07/2022
Supervised By :Mahesh Dadoda 02/07/2022



#26
Hexane
Concen: 0.607 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 57 Resp: 67513
Ion Ratio Lower Upper
57 100
41 99.6 72.8 109.2
43 83.8 177.0 265.6#
56 59.6 43.3 64.9



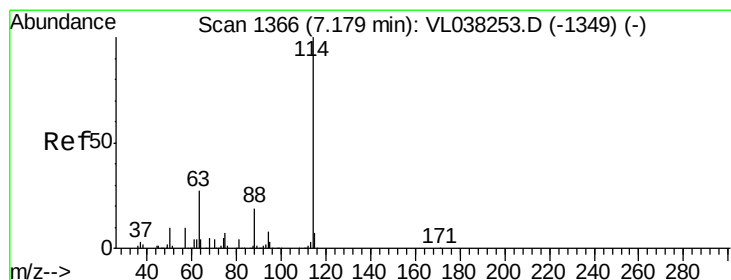
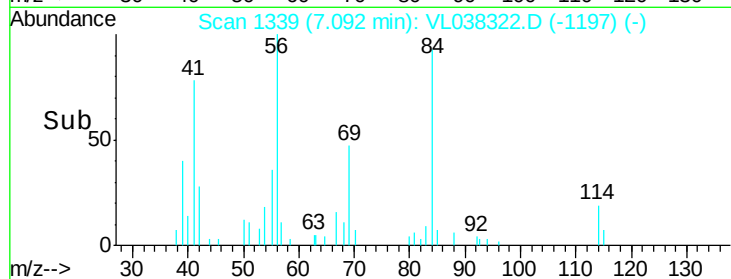
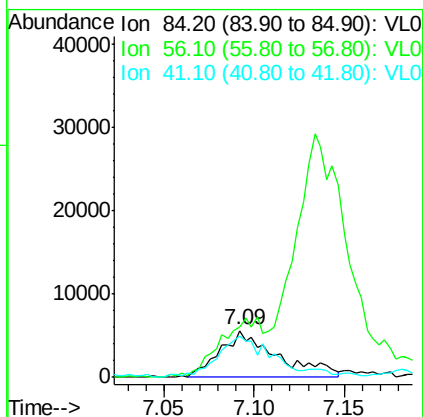
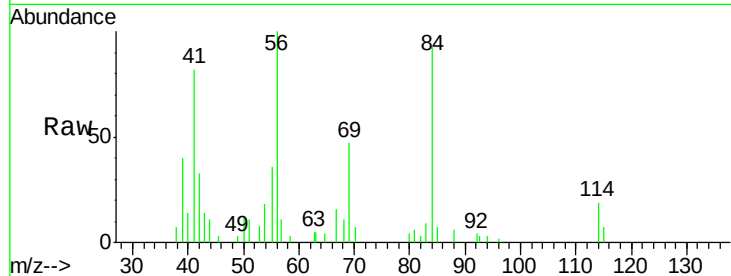


#30
Cyclohexane
Concen: 0.127 ppbv m
RT: 7.09
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampled:
Acq: 1 Feb 2022 15:26

Tgt Ion:
Ion Ratio
84 100
56 0.
41 0.

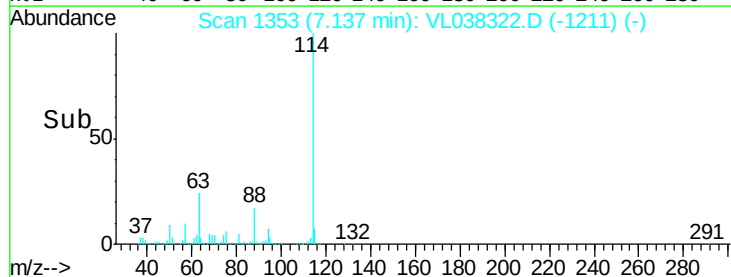
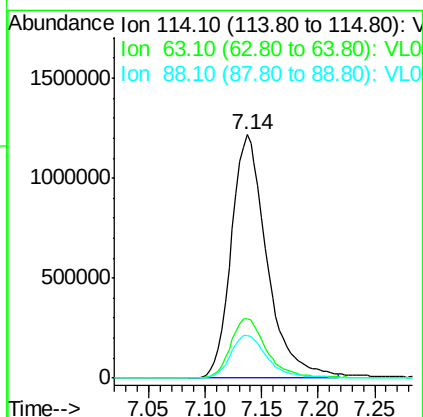
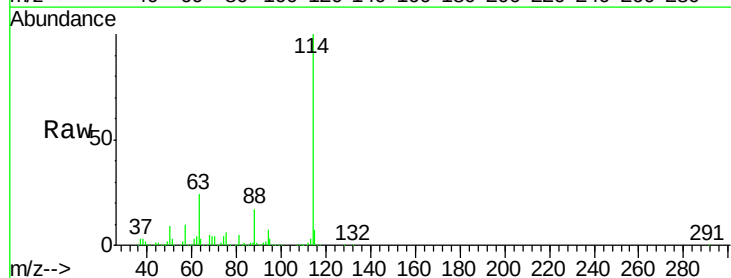
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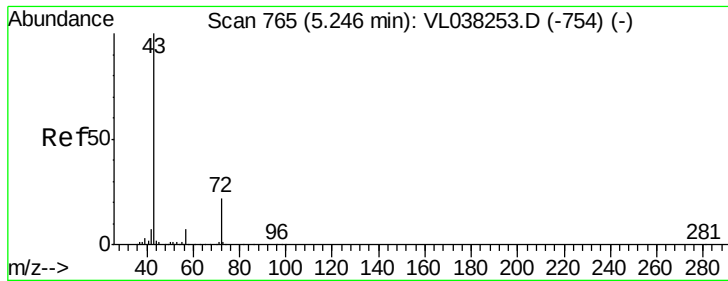
Reviewed By :Semsettin Yesilyurt 02/07/2022
Supervised By :Mahesh Dadoda 02/07/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.04 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion:114 Resp: 2677217
Ion Ratio Lower Upper
114 100
63 25.2 22.0 33.0
88 18.2 15.0 22.6



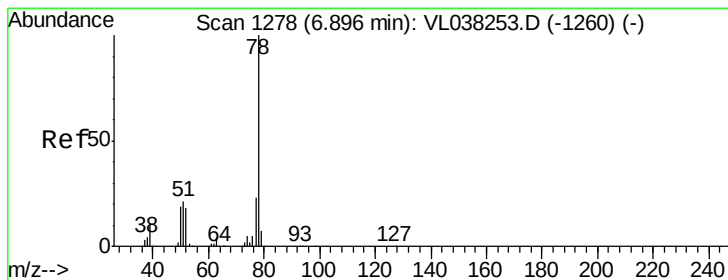
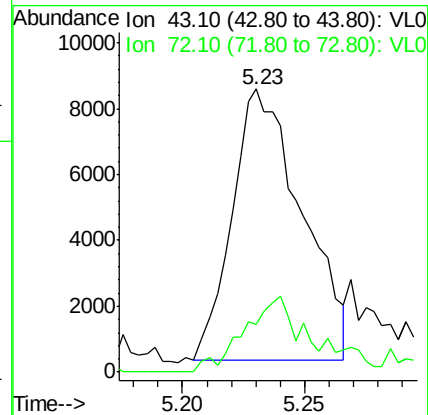
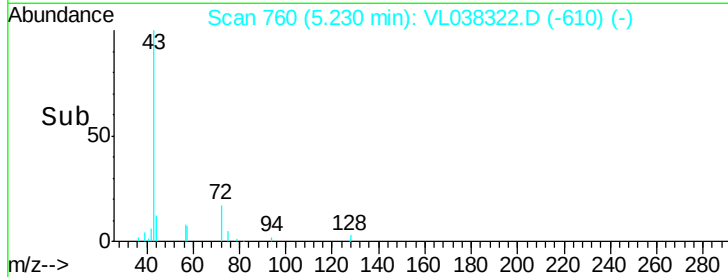
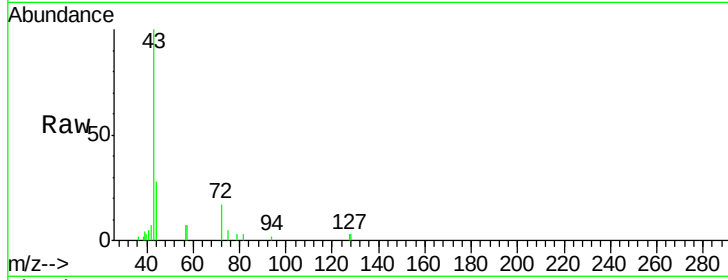


#34
2-Butanone
Concen: 0.186 ppbv
RT: 5.23
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Feb 2022 15:26

Tgt Ion:
Ion Ratio
43 100
72 29.

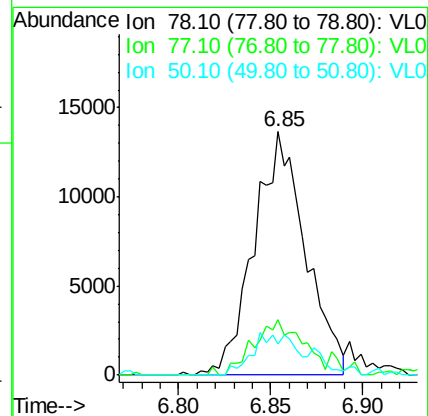
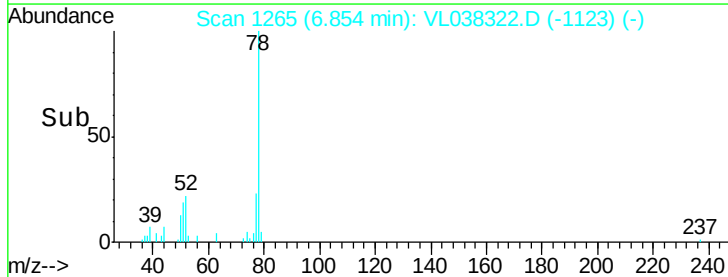
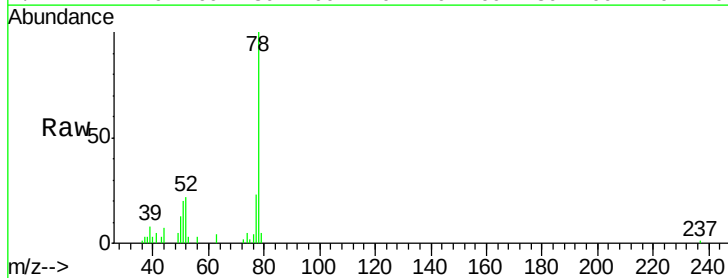
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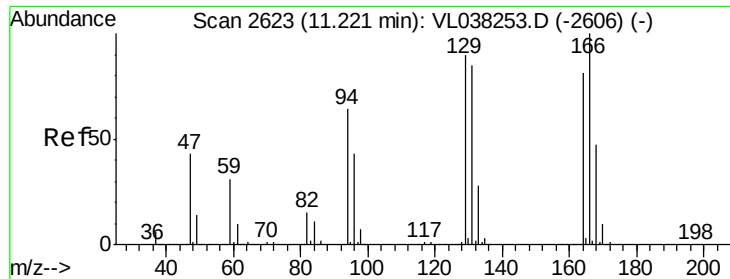
Reviewed By :Semsettin Yesilyurt 02/07/2022
Supervised By :Mahesh Dadoda 02/07/2022



#36
Benzene
Concen: 0.112 ppbv m
RT: 6.85 min Scan# 1265
Delta R.T. -0.04 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 78 Resp: 26483
Ion Ratio Lower Upper
78 100
77 22.6 18.2 27.2
50 13.0 15.1 22.7#





#52

Tetrachloroethene

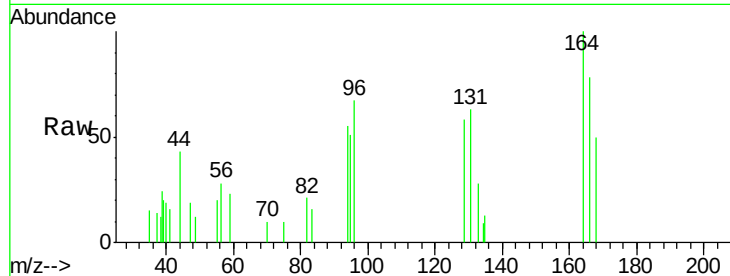
Concen: 0.037 ppbv m

RT: 11.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Feb 2022 15:26



Tgt Ion:1

Ion Ratio

164 100

166 78.

129 58.

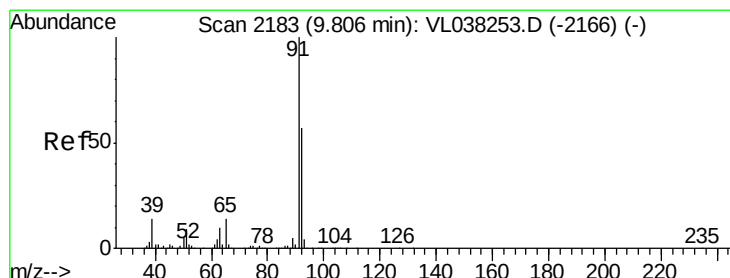
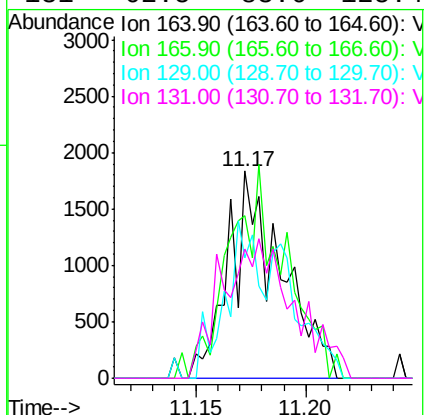
131 62.5 83.6 125.4#

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/07/2022

Supervised By :Mahesh Dadoda 02/07/2022



#53

Toluene

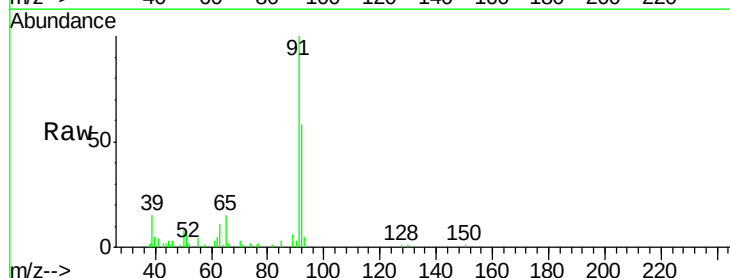
Concen: 0.160 ppbv

RT: 9.76 min Scan# 2170

Delta R.T. -0.04 min

Lab File: VL038322.D

Acq: 1 Feb 2022 15:26

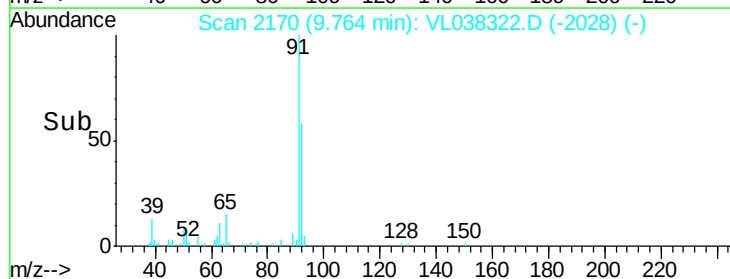
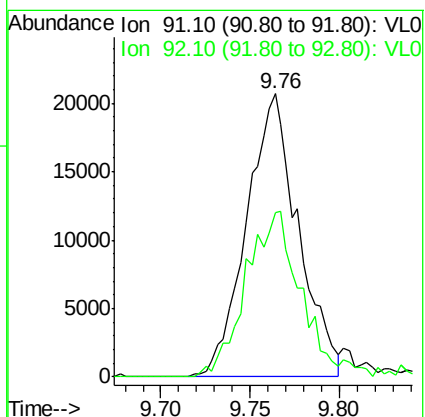


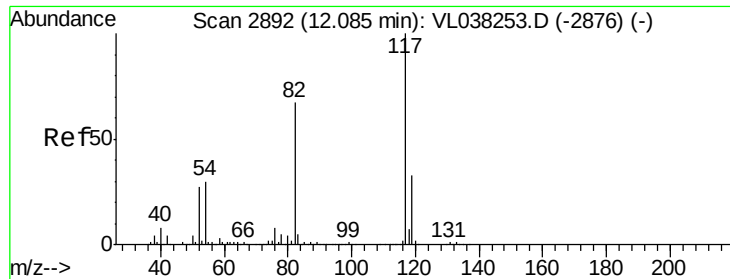
Tgt Ion: 91 Resp: 41910

Ion Ratio Lower Upper

91 100

92 64.2 47.4 71.0



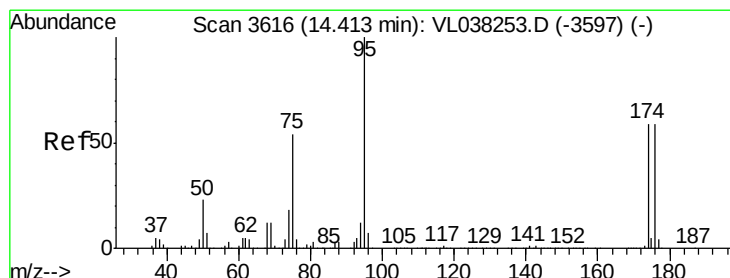
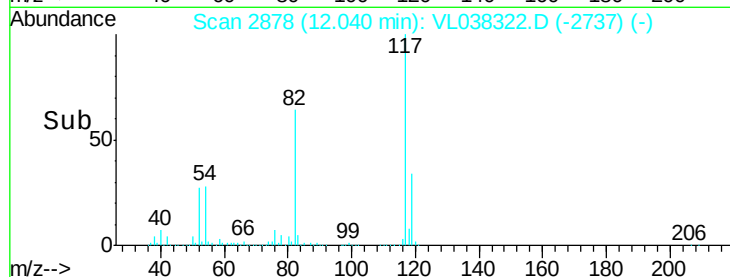
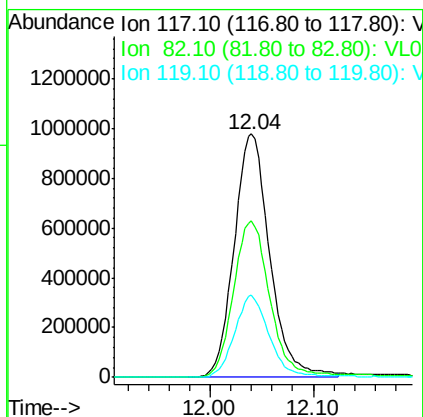
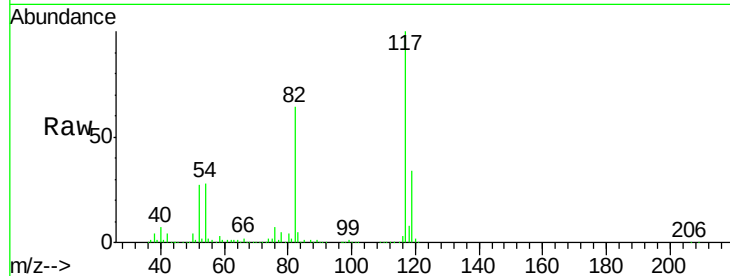


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
SVP-2DUPDL
Acq: 1 Feb 2022 15:26

Tgt Ion: 117
Ion Ratio: 100
117 100
82 67.
119 34.

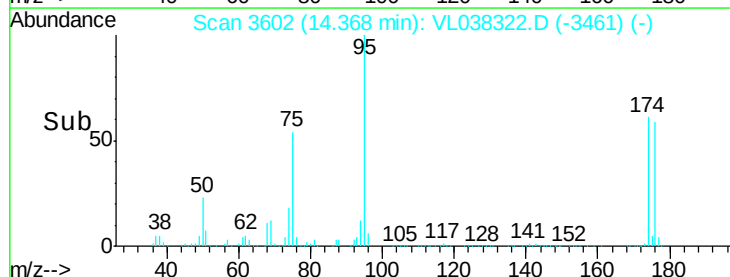
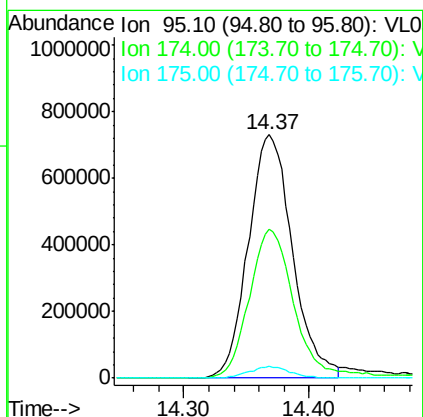
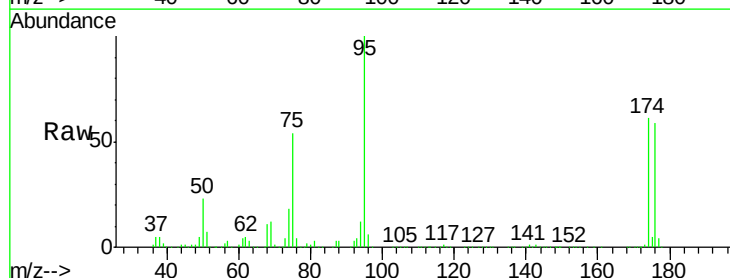
Manual Integrations
APPROVED

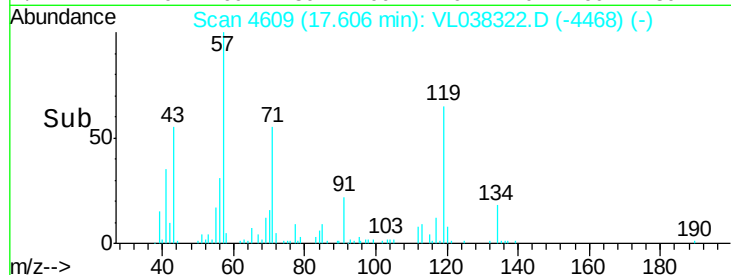
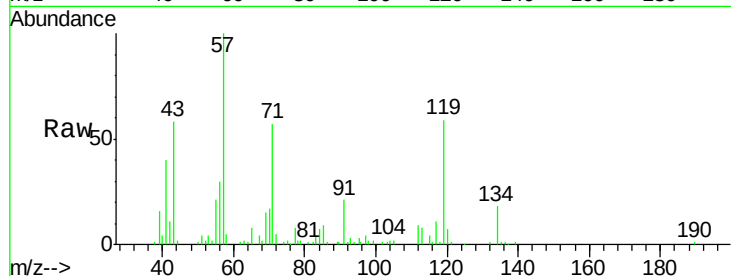
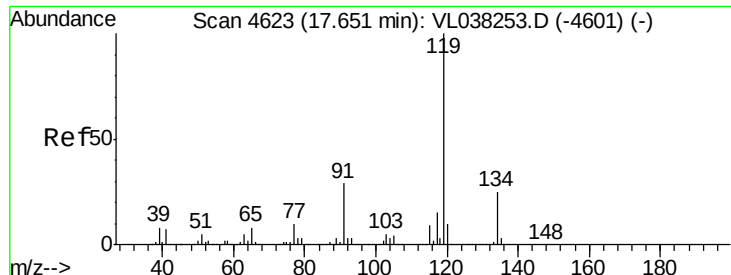
Reviewed By :Semsettin Yesilyurt 02/07/2022
Supervised By :Mahesh Dadoda 02/07/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.999 ppbv
RT: 14.37 min Scan# 3602
Delta R.T. -0.05 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 95 Resp: 1786516
Ion Ratio Lower Upper
95 100
174 64.0 48.3 72.5
175 4.6 3.5 5.3





#69
 p-Isopropyltoluene
 Concen: 0.147 ppbv m
 RT: 17.61
 Delta R.T
 Lab File:
 Acq: 1 Feb 2022 15:20

Tgt Ion:1
 Ion Rati
 119 100
 134 0.
 91 0.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2022
 Supervised By :Mahesh Dadoda 02/07/2022

