

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033022\
 Data File : VL038797.D
 Acq On : 30 Mar 2022 16:43
 Operator : SY/AP
 Sample : N2169-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/04/2022

Quant Time: Mar 31 04:29:05 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122A

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

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	736386	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2005981	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1859529	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1484938	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	251579	2.541	ppbv	99
3) Chlorodifluoromethane	2.99	51	17679m	0.227	ppbv	
4) Chloromethane	3.14	50	25614m	0.600	ppbv	
5) Vinyl Chloride	3.25	62	3549m	0.082	ppbv	
7) Chloroethane	3.56	64	5543m	0.386	ppbv	
9) Propene	3.01	41	1600347	42.621	ppbv	96
10) Heptane	8.11	43	234149	2.609	ppbv #	26
11) Trichlorofluoromethane	3.95	101	29603	0.339	ppbv	100
13) Ethanol	3.60	45	617599	149.109	ppbv	100
15) Acetone	3.84	43	11332547	178.351	ppbv #	86
16) 1,3-Butadiene	3.31	39	1265116	35.084	ppbv #	40
17) tert-Butyl alcohol	4.29	59	468079	8.435	ppbv	96
19) Isopropyl Alcohol	3.97	45	468258	13.292	ppbv #	91
20) Methylene Chloride	4.35	84	58223	2.175	ppbv	96
26) Hexane	5.68	57	909245	12.697	ppbv #	30
27) Carbon Disulfide	4.55	76	1562978	22.249	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	34994m	0.656	ppbv	
29) Chloroform	5.75	83	21767m	0.190	ppbv	
30) Cyclohexane	7.12	84	76842	1.234	ppbv	89
32) 1,1,1-Trichloroethane	6.51	97	61441	0.555	ppbv	98
34) 2-Butanone	5.23	43	2077384	26.165	ppbv	95
35) Carbon Tetrachloride	7.01	117	5216m	0.045	ppbv	
36) Benzene	6.89	78	1329700	8.589	ppbv	99
44) 2,2,4-Trimethylpentane	7.86	57	3198891	12.306	ppbv #	82
50) 4-Methyl-2-Pentanone	8.73	43	501953	3.401	ppbv	97
51) 2-Hexanone	10.11	43	804855	7.591	ppbv #	96
52) Tetrachloroethene	11.21	164	215680	3.807	ppbv	97
53) Toluene	9.80	91	1631211	9.806	ppbv	99
58) Ethyl Benzene	12.70	91	437957	2.015	ppbv	99
59) m/p-Xylene	12.95	91	877845	4.616	ppbv	94
60) o-Xylene	13.68	91	432324	2.394	ppbv	99
61) Styrene	13.52	104	135554	1.384	ppbv	97
62) Isopropylbenzene	14.65	105	265598	0.979	ppbv	100
64) n-propylbenzene	15.55	120	28693m	0.403	ppbv	
69) p-Isopropyltoluene	17.64	119	49908m	0.175	ppbv	
70) n-Butylbenzene	18.54	91	56796m	0.193	ppbv	
72) 4-Ethyltoluene	15.82	105	119249m	0.559	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	101063	0.520	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	307439	1.453	ppbv #	72
79) Naphthalene	22.18	128	37604m	0.233	ppbv	
80) Naphthalene,2-methyl-	24.97	142	5507	0.127	ppbv #	86

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Misc : 400mL/MSVOA L
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Instrument :
MSVOA_L
ClientSampleId :
SV1

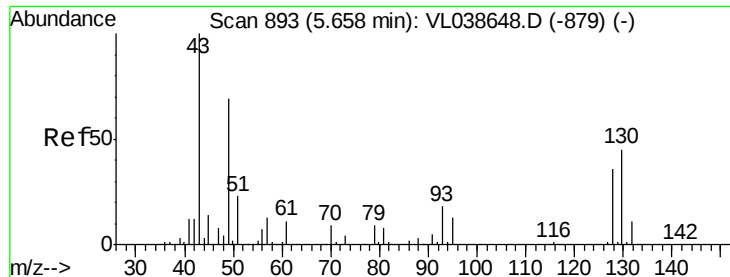
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/02/2022
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Quant Time: Mar 31 04:29:05 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 30 Mar 2022 16:43 SV1

Tot Ion:

Ion Ratio

49 100

128 54.

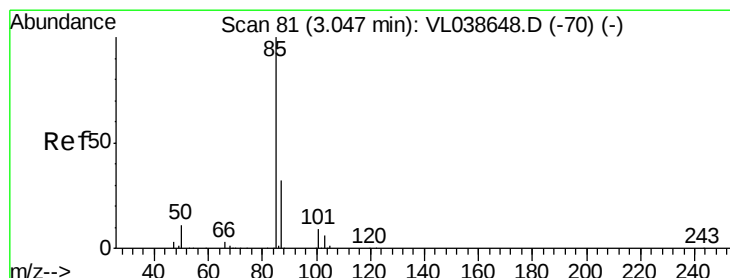
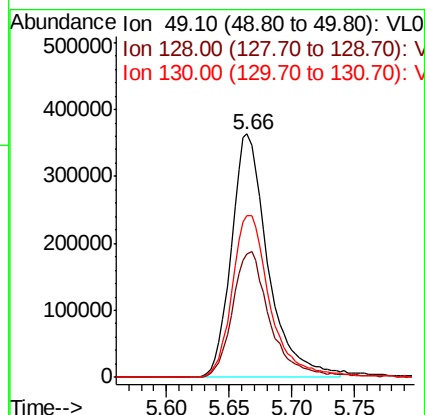
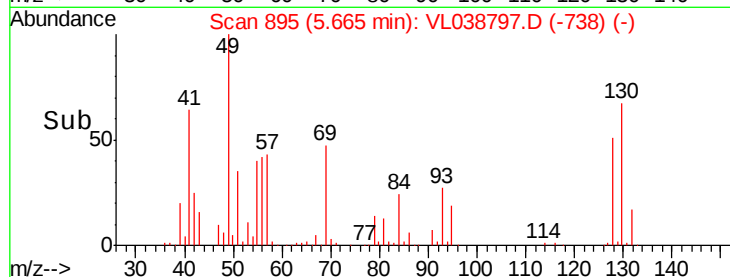
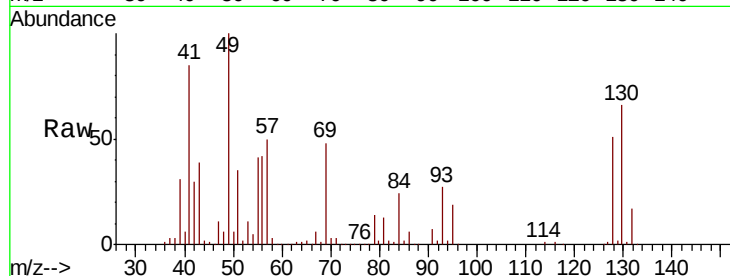
130 69.

Manual Integrations

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Supervised By :Mahesh Dadoda 04/04/2022



#2

Dichlorodifluoromethane

Concen: 2.541 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL038797.D

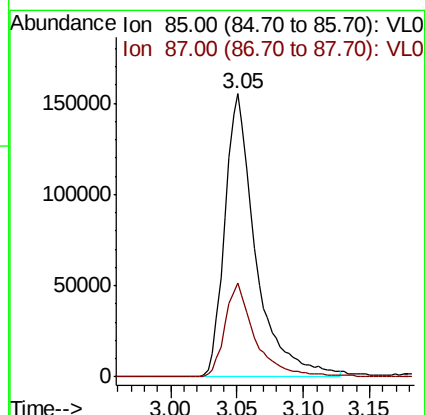
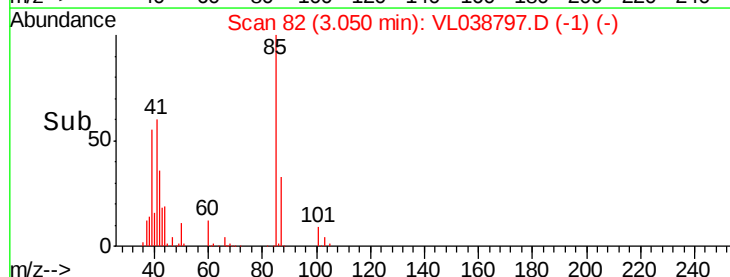
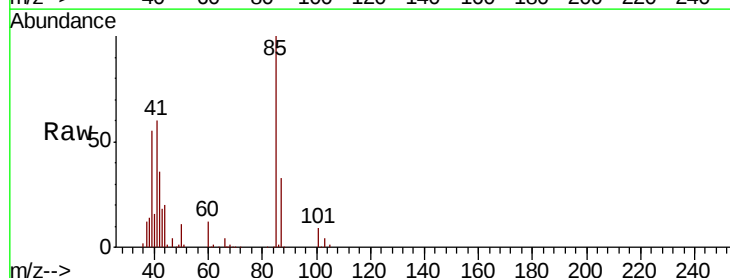
Acq: 30 Mar 2022 16:43

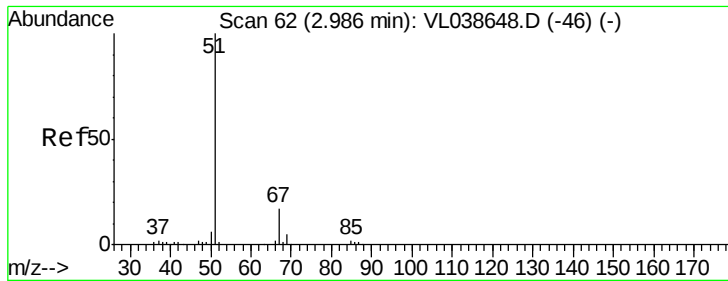
Tgt Ion: 85 Resp: 251579

Ion Ratio Lower Upper

85 100

87 33.0 26.0 39.0





#3

Chlorodifluoromethane

Concen: 0.227 ppbv m

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 30 Mar 2022 16:43 SV1

Tot Ion:

Ion Ratio

51 100

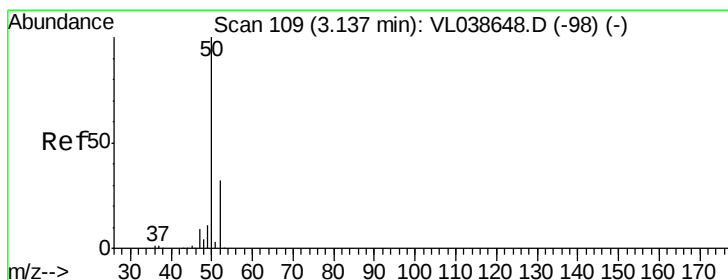
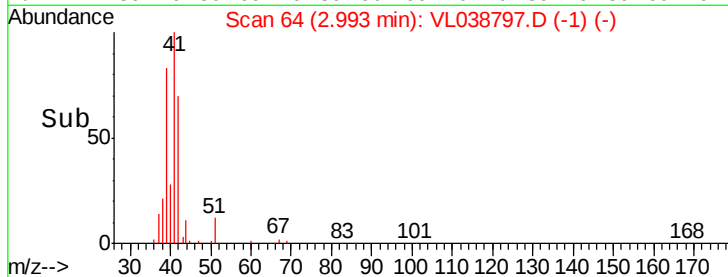
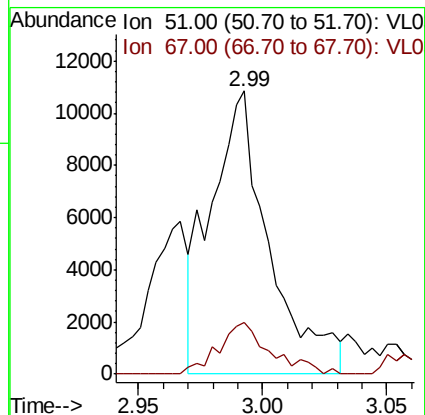
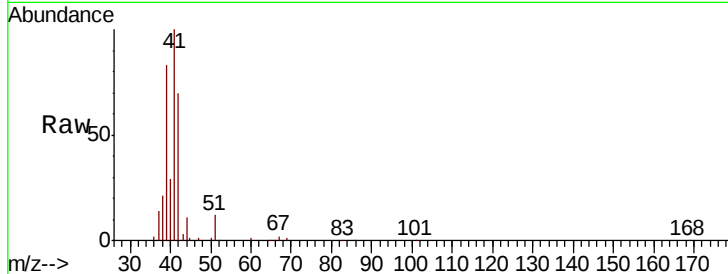
67 16.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#4

Chloromethane

Concen: 0.600 ppbv m

RT: 3.14 min Scan# 109

Delta R.T. -0.00 min

Lab File: VL038797.D

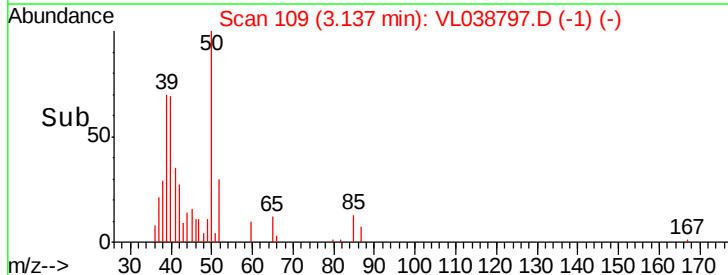
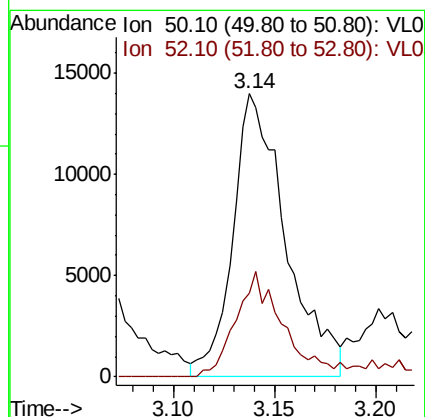
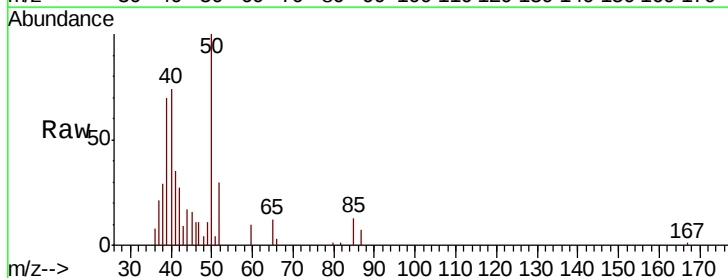
Acq: 30 Mar 2022 16:43

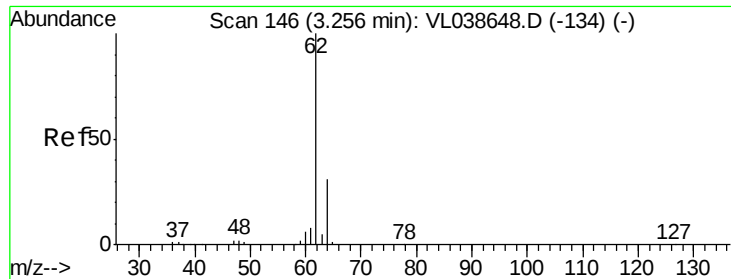
Tgt Ion: 50 Resp: 25614

Ion Ratio Lower Upper

50 100

52 29.6 25.5 38.3





#5

Vinyl Chloride

Concen: 0.082 ppbv m

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 30 Mar 2022 16:43 SV1

Tot Ion:

Ion Ratio

62 100

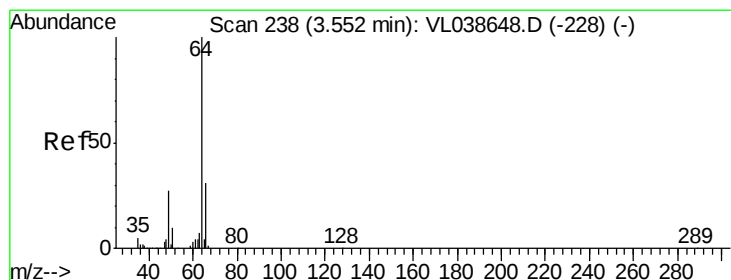
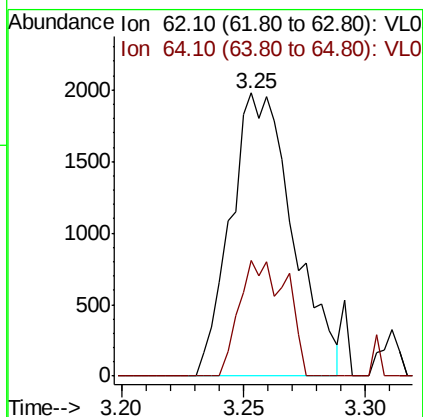
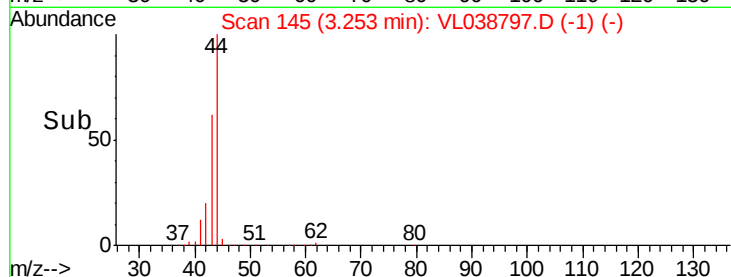
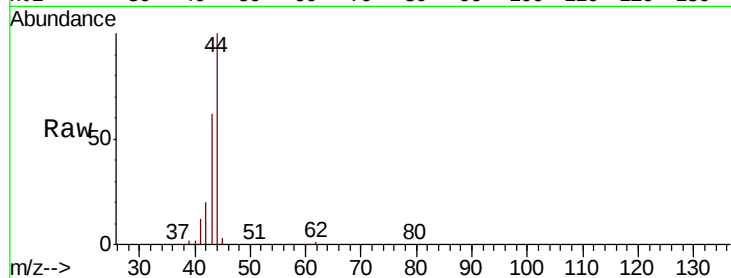
64 40.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#7

Chloroethane

Concen: 0.386 ppbv m

RT: 3.56 min Scan# 239

Delta R.T. 0.00 min

Lab File: VL038797.D

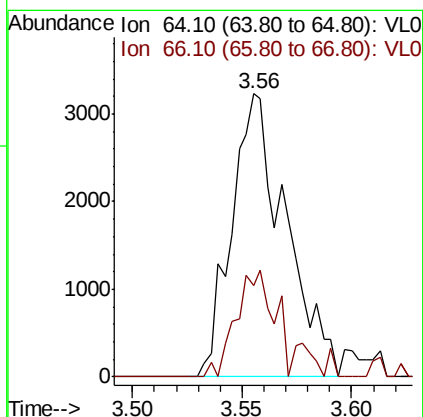
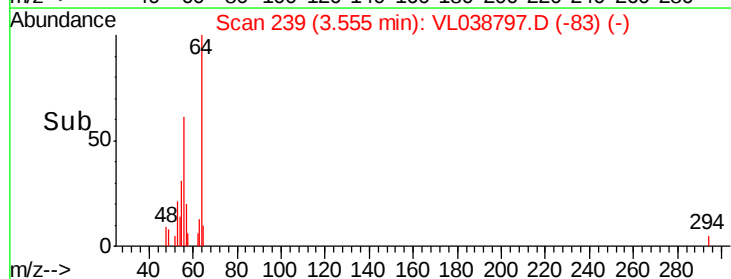
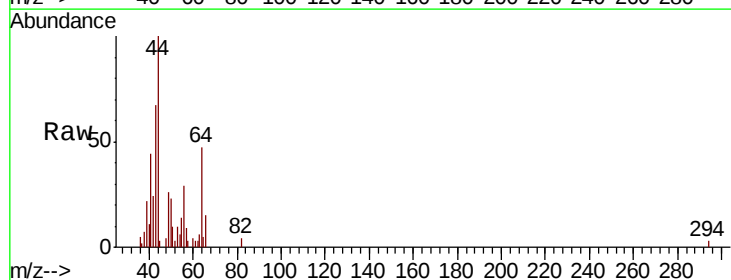
Acq: 30 Mar 2022 16:43

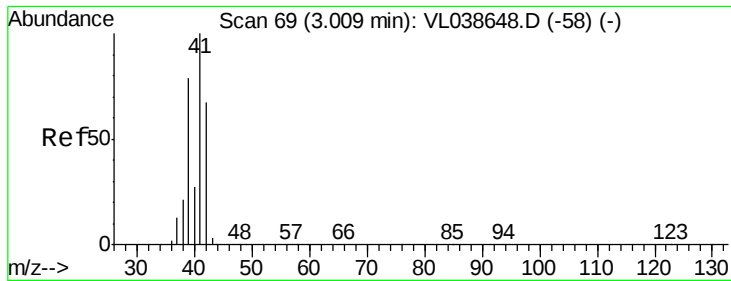
Tgt Ion: 64 Resp: 5543

Ion Ratio Lower Upper

64 100

66 32.4 25.0 37.6



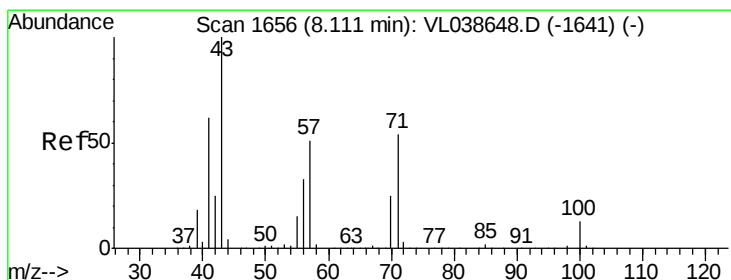
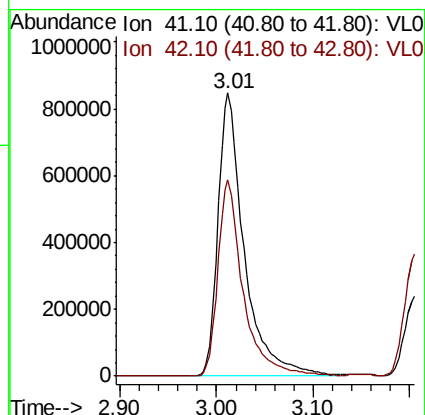
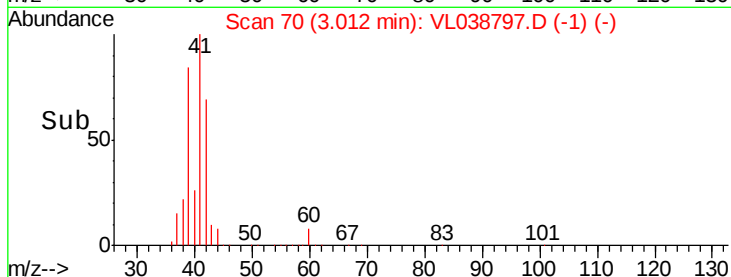
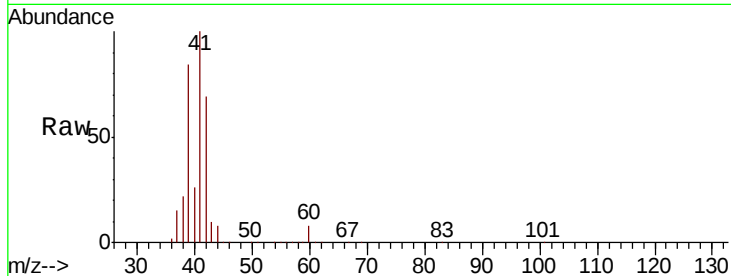


#9
 Propene
 Concen: 42.621 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV1
 Acq: 30 Mar 2022 16:43

Tot Ion:
 Ion Ratio
 41 100
 42 66.

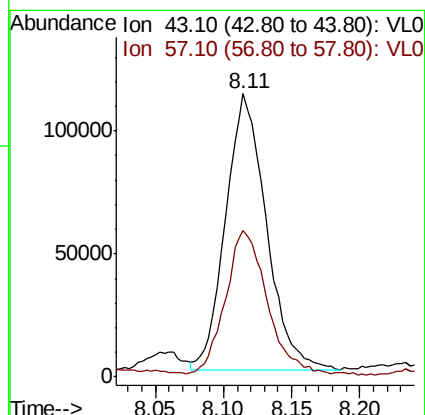
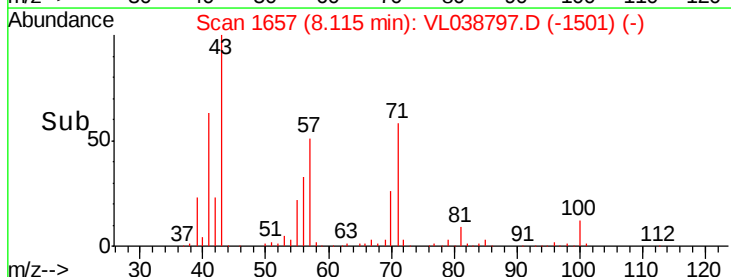
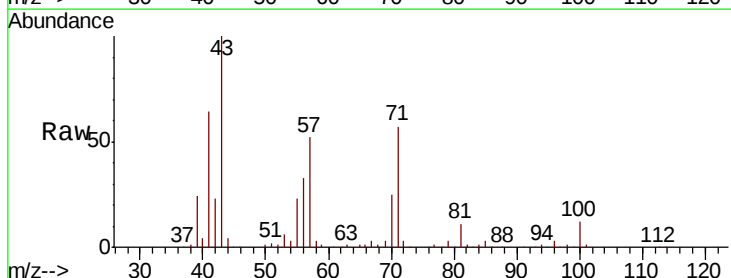
Manual Integrations
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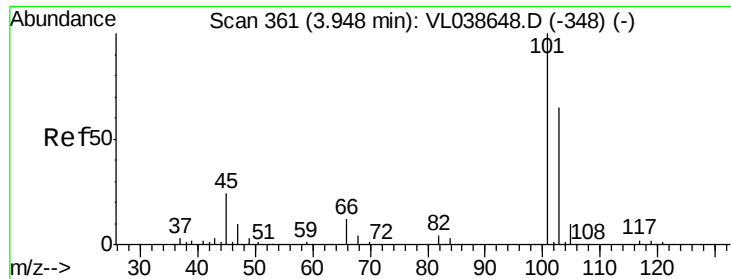
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#10
 Heptane
 Concen: 2.609 ppbv
 RT: 8.11 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VL038797.D
 Acq: 30 Mar 2022 16:43

Tgt Ion: 43 Resp: 234149
 Ion Ratio Lower Upper
 43 100
 57 0.0 41.4 62.2#



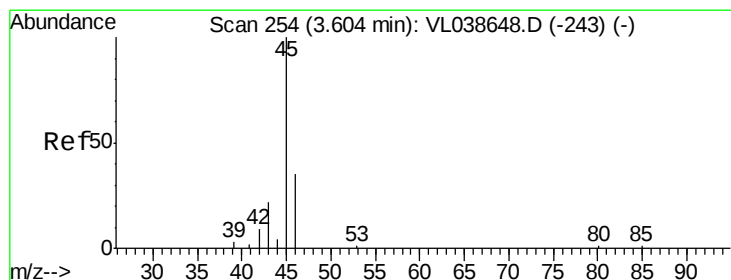
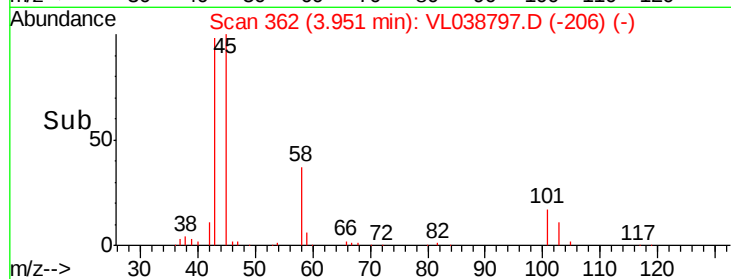
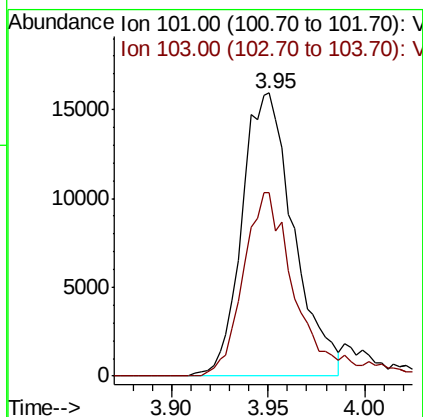
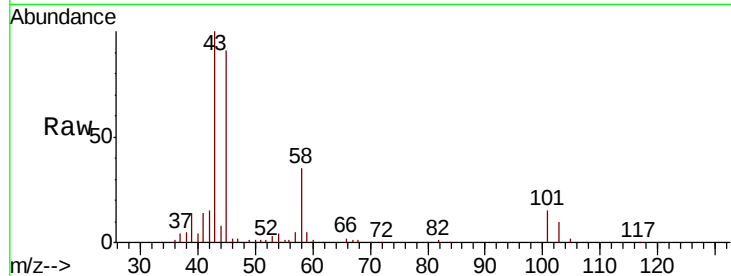


#11
 Trichlorofluoromethane
 Concen: 0.339 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 SV1
 Acq: 30 Mar 2022 16:43

Tot Ion:1
 Ion Rati
 101 100
 103 64.

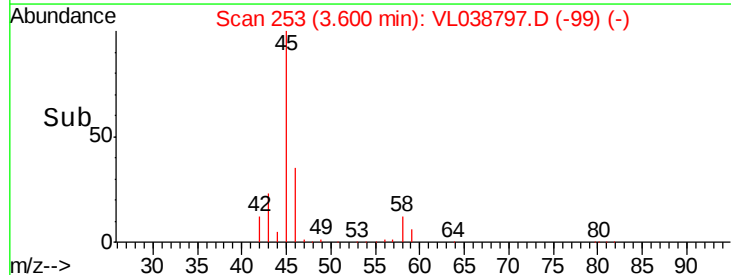
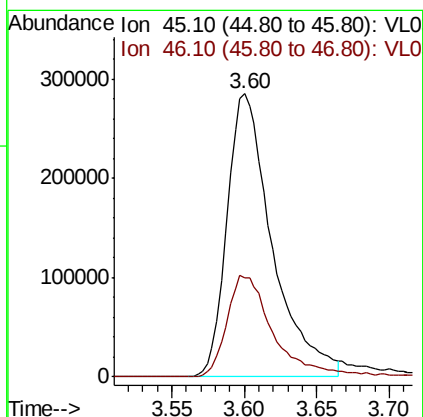
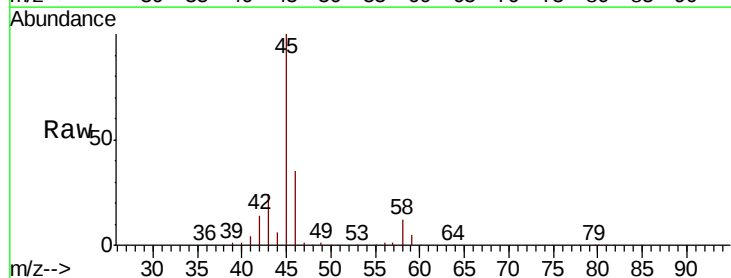
Manual Integrations
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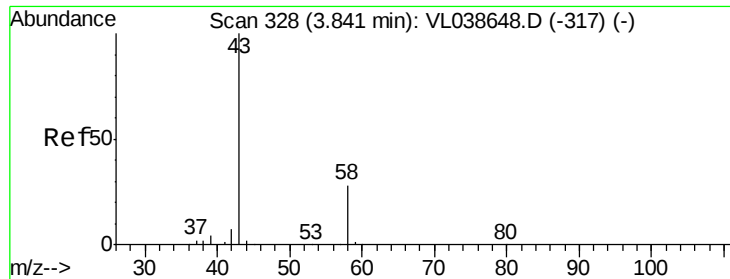
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#13
 Ethanol
 Concen: 149.109 ppbv
 RT: 3.60 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VL038797.D
 Acq: 30 Mar 2022 16:43

Tgt Ion: 45 Resp: 617599
 Ion Ratio Lower Upper
 45 100
 46 38.0 15.1 60.5





#15

Acetone

Concen: 178.351 ppbv

RT: 3.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 30 Mar 2022 16:43

Tot Ion:

Ion Ratio

43 100

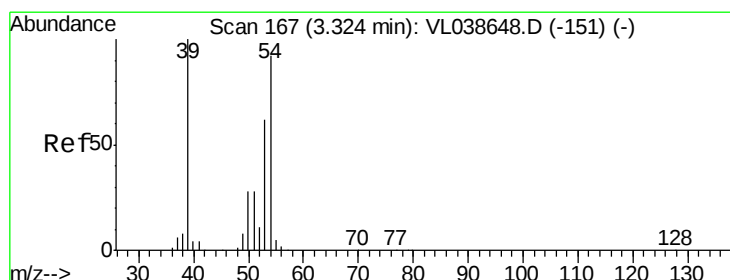
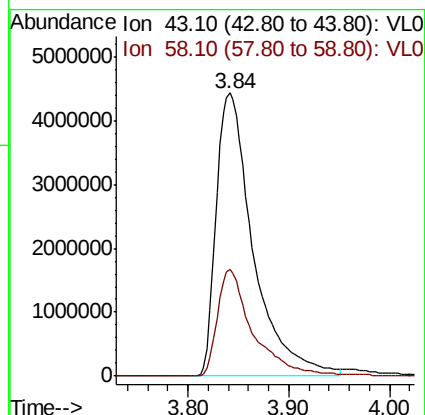
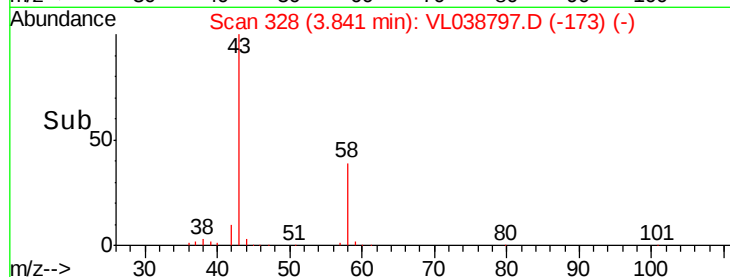
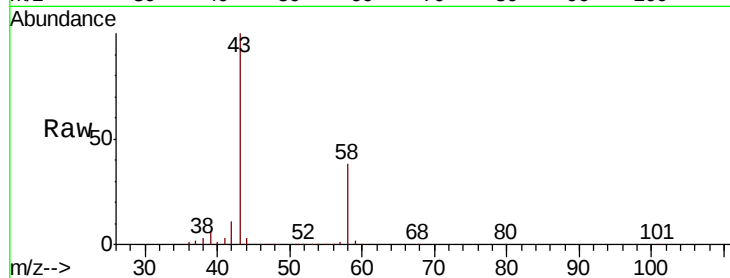
58 36.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#16

1,3-Butadiene

Concen: 35.084 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.02 min

Lab File: VL038797.D

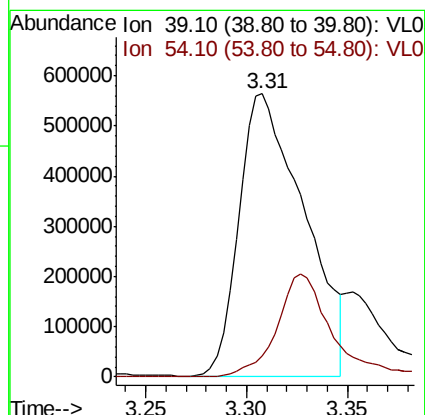
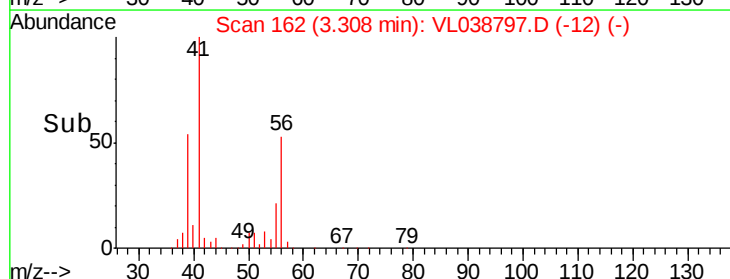
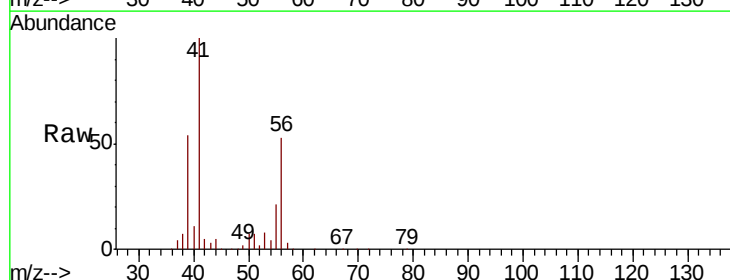
Acq: 30 Mar 2022 16:43

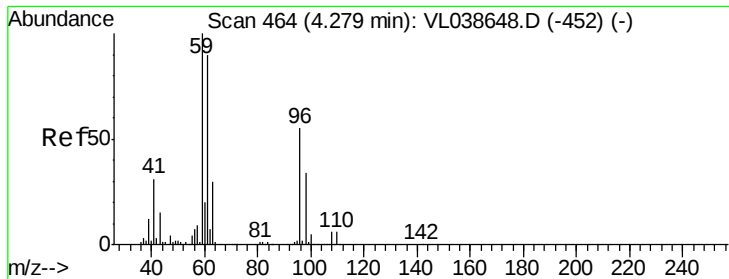
Tgt Ion: 39 Resp: 1265116

Ion Ratio Lower Upper

39 100

54 30.8 69.1 103.7#





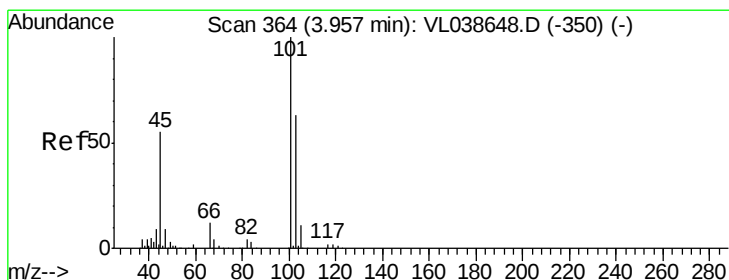
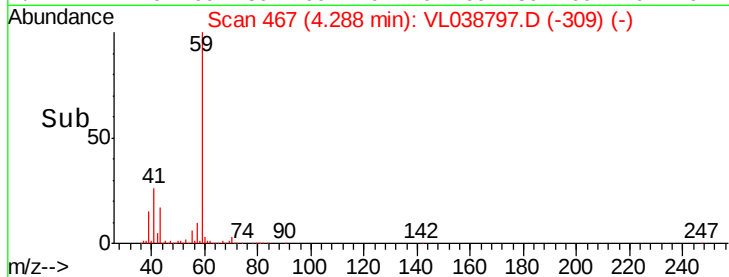
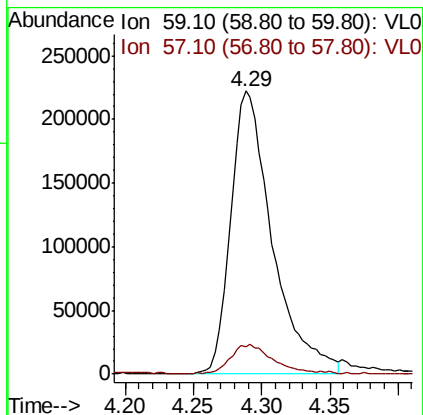
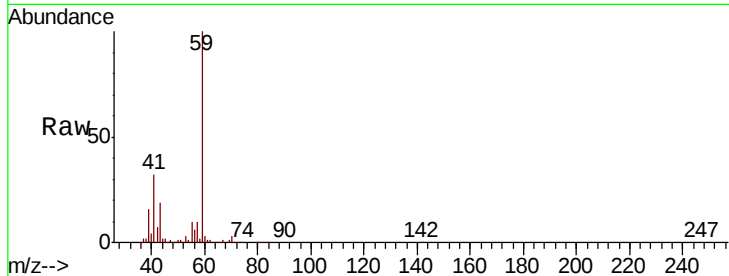
#17

tert-Butyl alcohol
Concen: 8.435 ppbv
RT: 4.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SV1
Acq: 30 Mar 2022 16:43

Tot Ion:
Ion Ratio
59 100
57 11.

Manual Integrations
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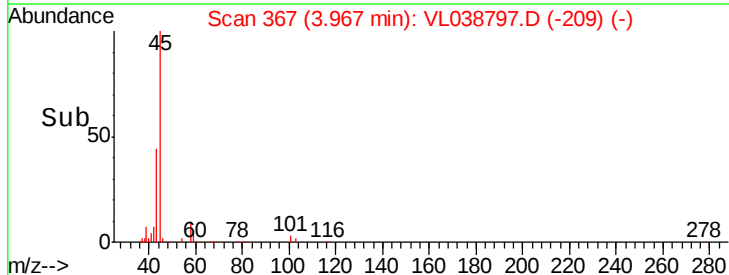
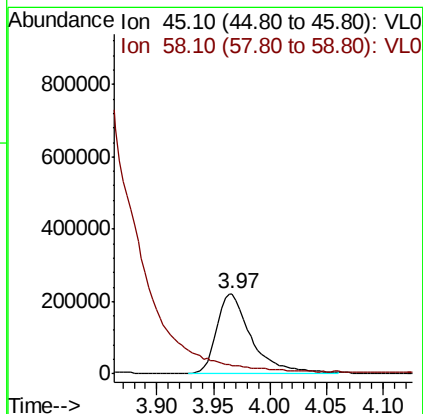
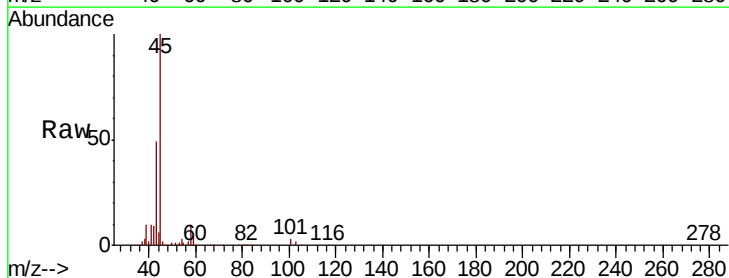
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022

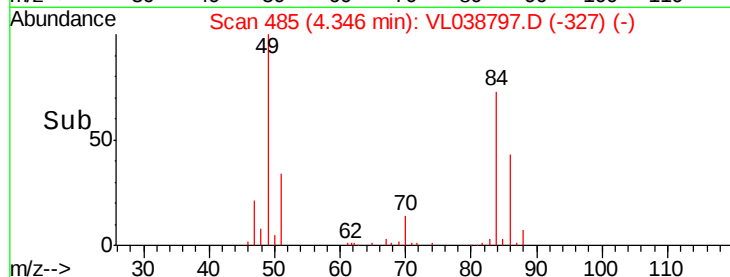
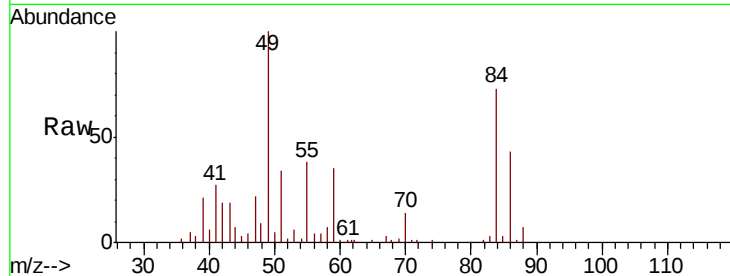
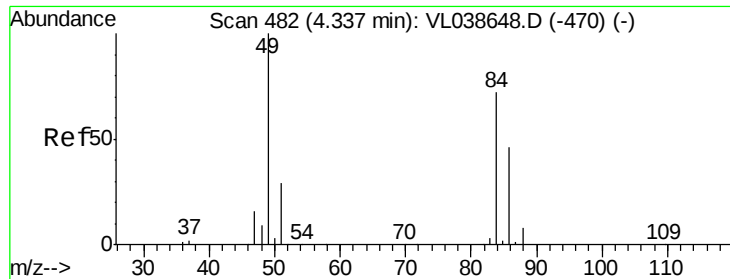


#19

Isopropyl Alcohol
Concen: 13.292 ppbv
RT: 3.97 min Scan# 367
Delta R.T.: 0.01 min
Lab File: VL038797.D
Acq: 30 Mar 2022 16:43

Tgt Ion: 45 Resp: 468258
Ion Ratio Lower Upper
45 100
58 0.0 2.3 3.5#



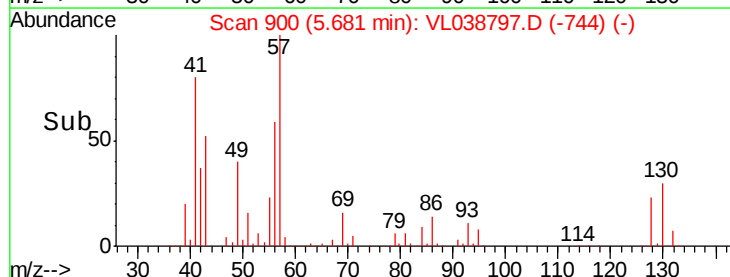
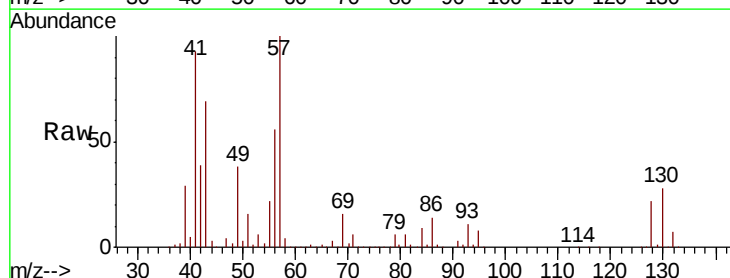
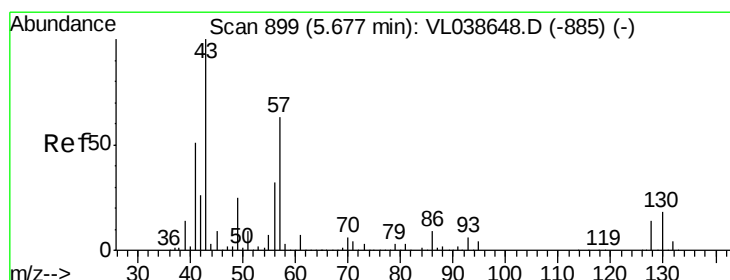
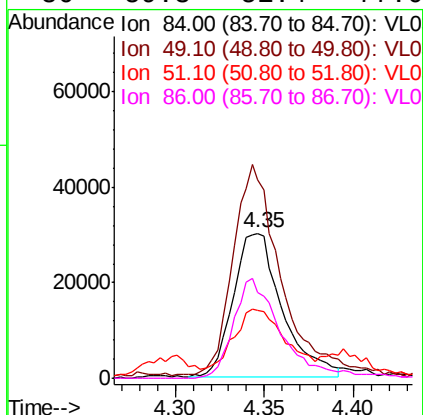


#20
Methvlene Chloride
Concen: 2.175 ppbv
RT: 4.35
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
SV1
Acq: 30 Mar 2022 16:43

Tot Ion:
Ion Ratio
84 100
49 134.
51 38.
86 59.3 51.4 77.0

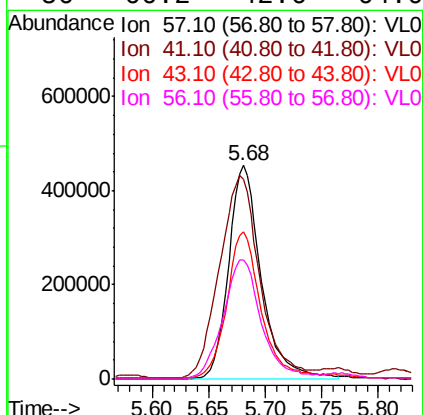
Manual Integrations
APPROVED

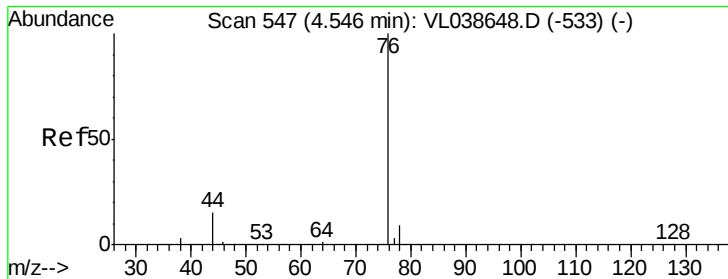
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#26
Hexane
Concen: 12.697 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL038797.D
Acq: 30 Mar 2022 16:43

Tgt Ion: 57 Resp: 909245
Ion Ratio Lower Upper
57 100
41 117.2 67.0 100.4#
43 74.4 184.2 276.2#
56 66.2 42.6 64.0#



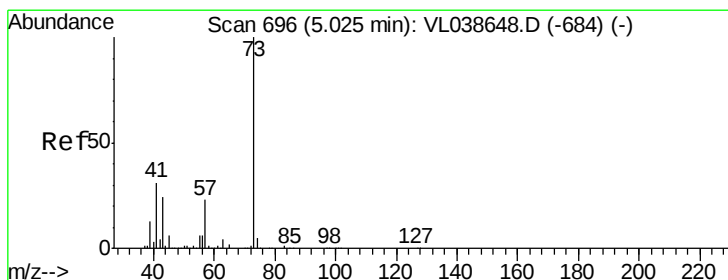
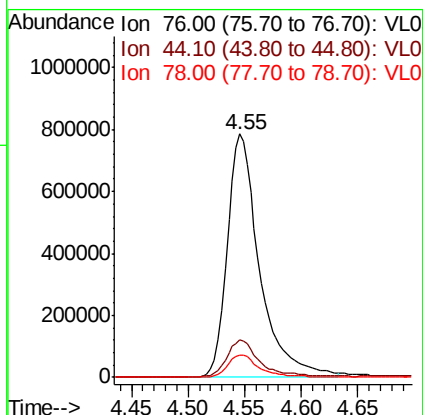
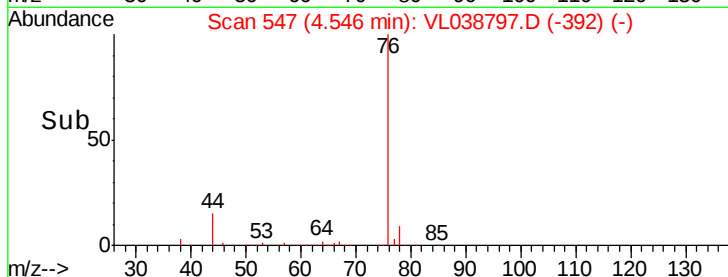
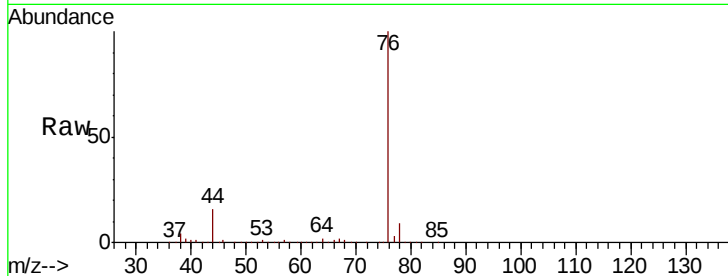


#27
Carbon Disulfide
Concen: 22.249 ppbv
RT: 4.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV1
Acq: 30 Mar 2022 16:43

Tot Ion:
Ion Ratio
76 100
44 15.
78 9.

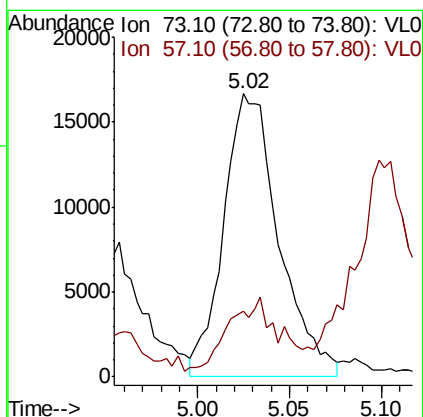
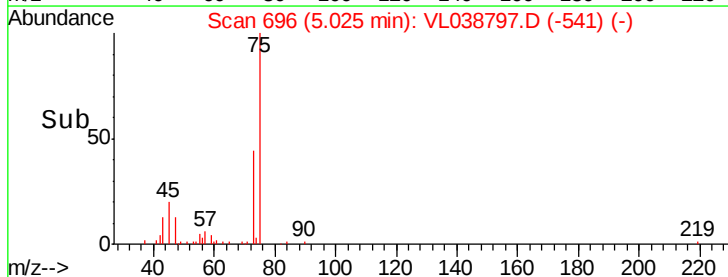
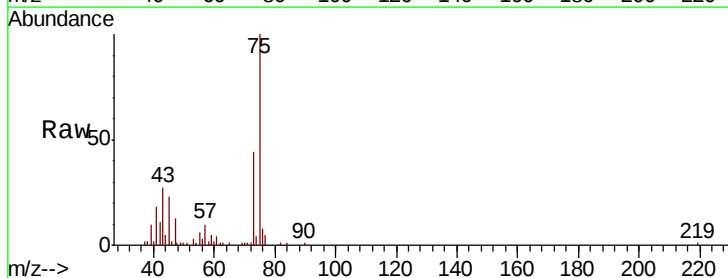
Manual Integrations
APPROVED

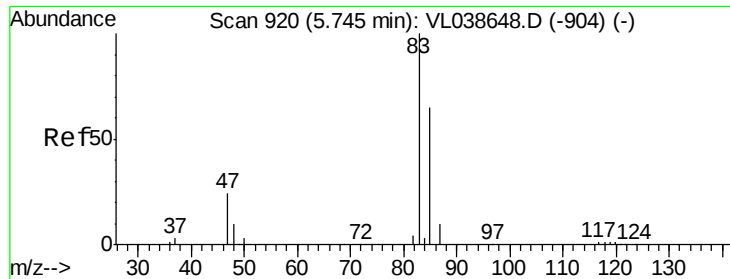
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#28
Methyl tert-Butyl Ether
Concen: 0.656 ppbv m
RT: 5.02 min Scan# 696
Delta R.T. -0.00 min
Lab File: VL038797.D
Acq: 30 Mar 2022 16:43

Tgt Ion: 73 Resp: 34994
Ion Ratio Lower Upper
73 100
57 24.0 19.2 28.8



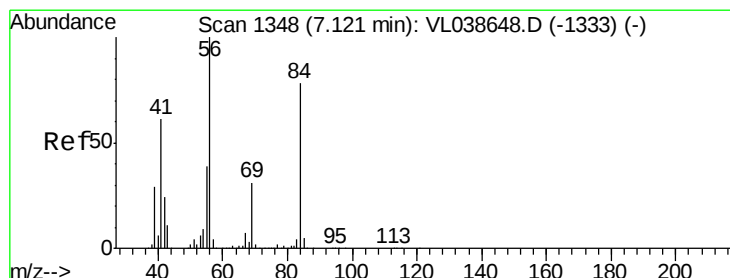
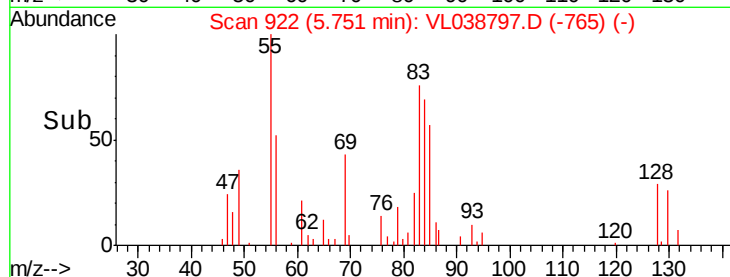
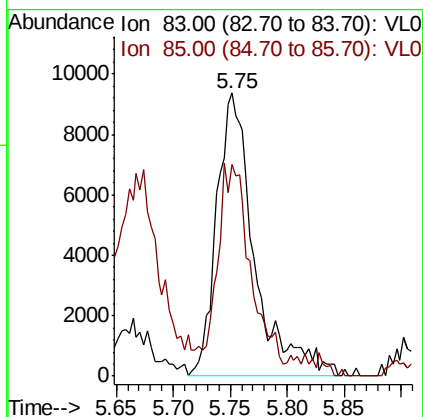
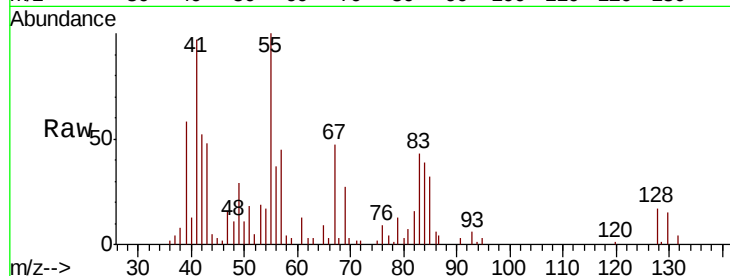


#29
Chloroform
Concen: 0.190 ppbv m
RT: 5.75
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
SV1
Acq: 30 Mar 2022 16:43

Tot Ion:
Ion Ratio
83 100
85 74.

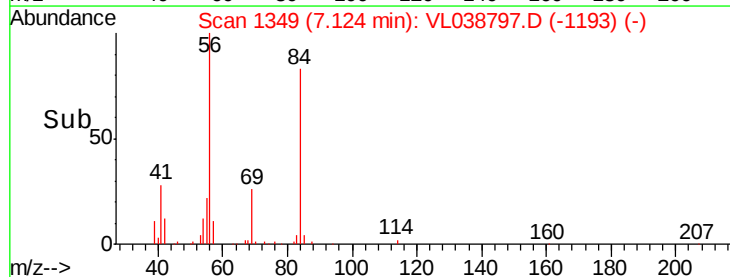
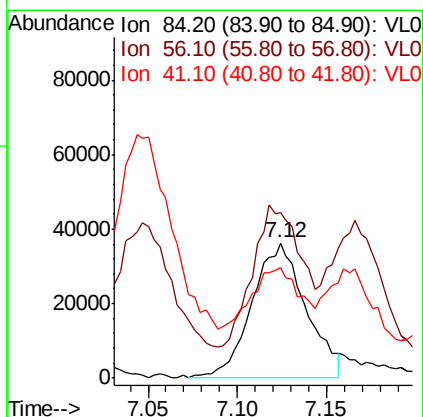
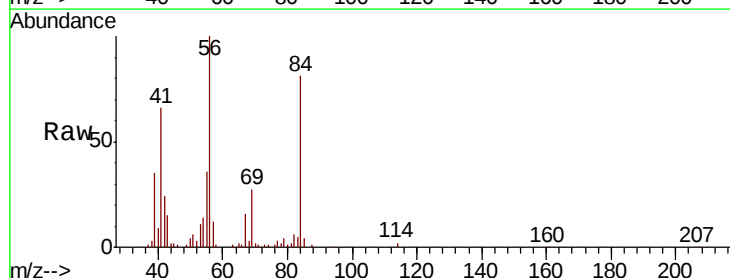
Manual Integrations
APPROVED

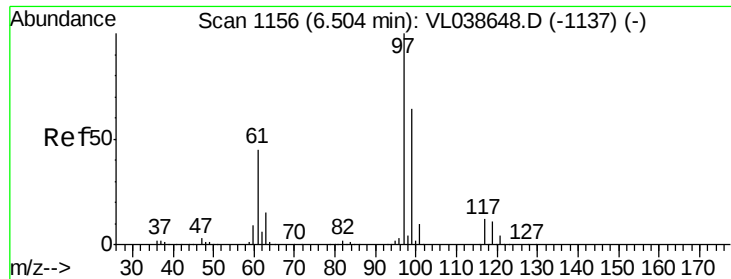
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#30
Cyclohexane
Concen: 1.234 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. 0.00 min
Lab File: VL038797.D
Acq: 30 Mar 2022 16:43

Tgt Ion: 84 Resp: 76842
Ion Ratio Lower Upper
84 100
56 117.7 108.2 162.4
41 80.8 61.8 92.6



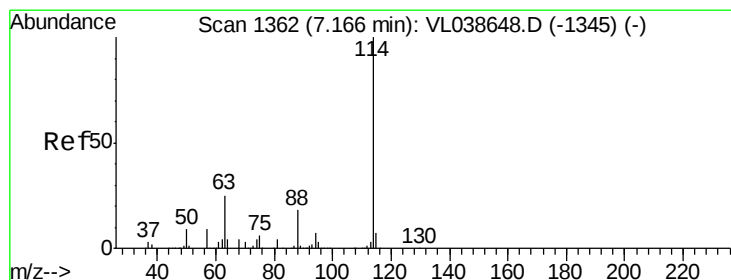
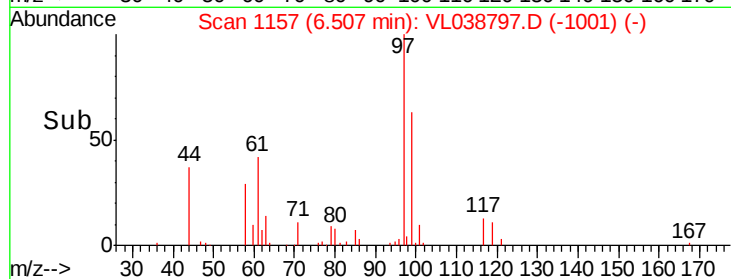
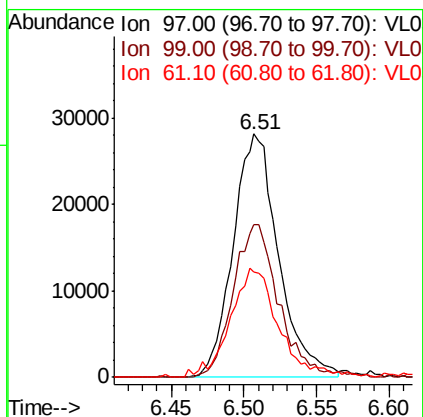
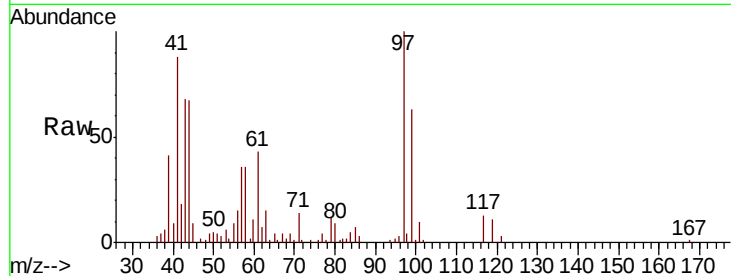


#32
 1,1,1-Trichloroethane
 Concen: 0.555 ppbv
 RT: 6.51 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 30 Mar 2022 16:43

Tot Ion:
 Ion Ratio
 97 100
 99 63.1
 61 47.1

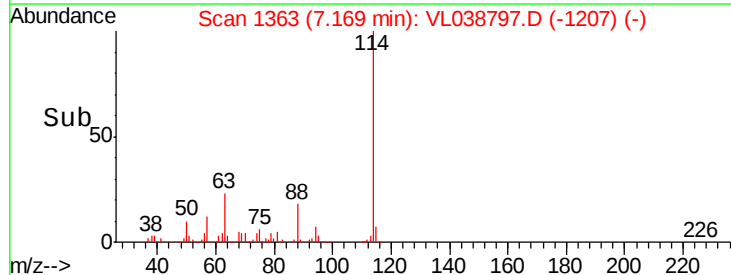
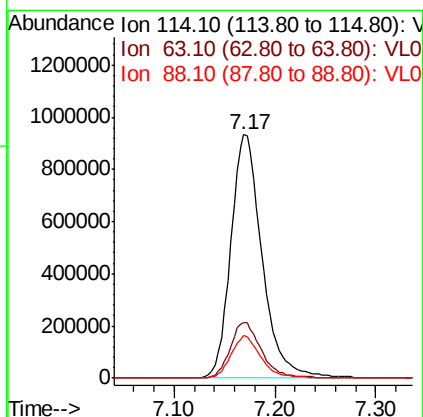
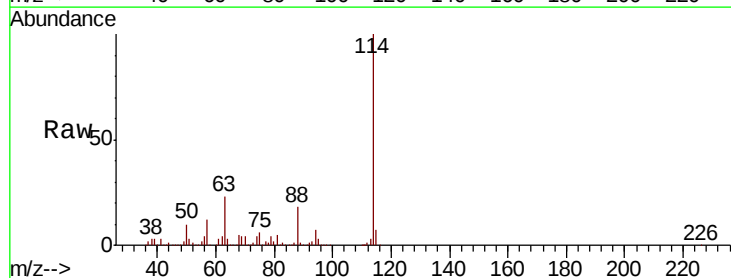
Manual Integrations
 APPROVED

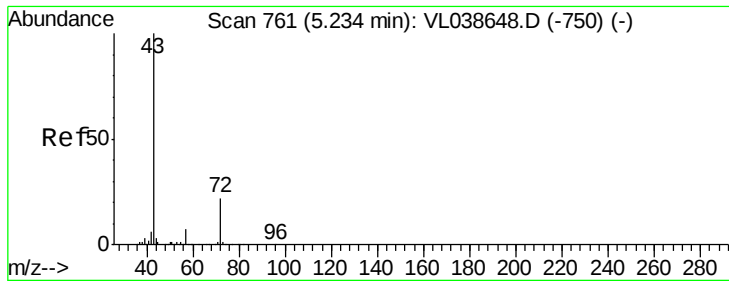
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T.: 0.00 min
 Lab File: VL038797.D
 Acq: 30 Mar 2022 16:43

Tgt Ion:114 Resp: 2005981
 Ion Ratio Lower Upper
 114 100
 63 23.2 19.4 29.0
 88 17.0 13.9 20.9



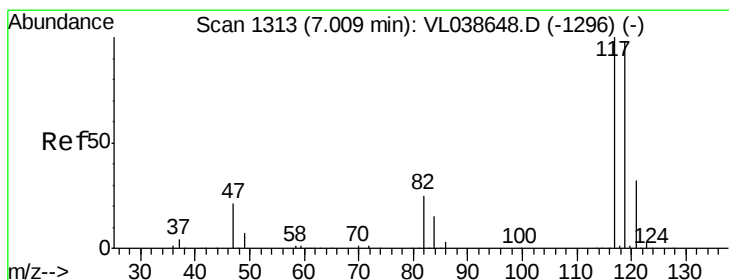
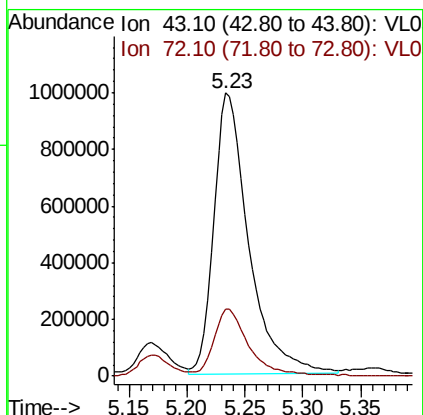
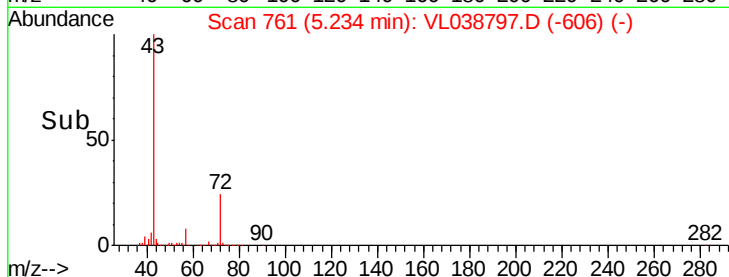
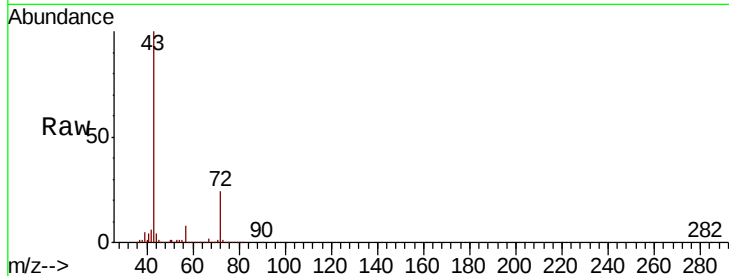


#34
2-Butanone
Concen: 26.165 ppbv
RT: 5.23
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV1
Acq: 30 Mar 2022 16:43

Tot Ion:
Ion Ratio
43 100
72 24.

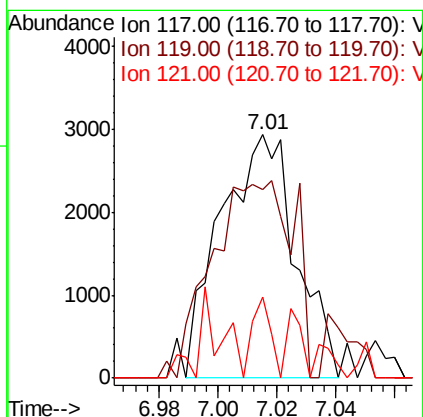
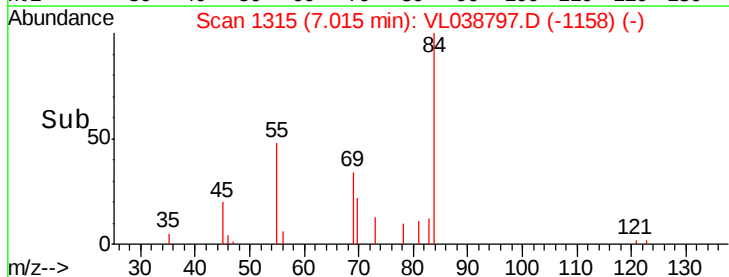
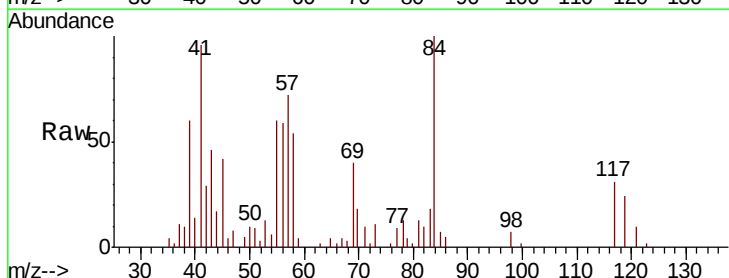
Manual Integrations
APPROVED

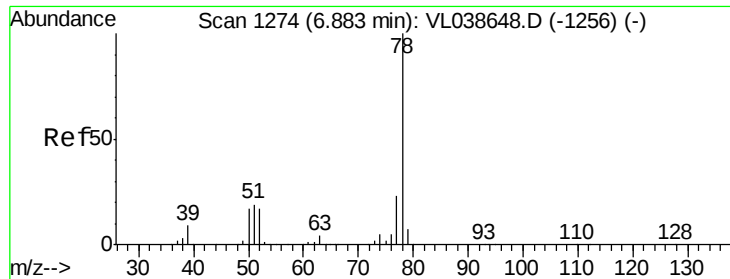
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#35
Carbon Tetrachloride
Concen: 0.045 ppbv m
RT: 7.01 min Scan# 1315
Delta R.T. 0.01 min
Lab File: VL038797.D
Acq: 30 Mar 2022 16:43

Tgt Ion:117 Resp: 5216
Ion Ratio Lower Upper
117 100
119 77.5 78.1 117.1#
121 33.3 25.8 38.6



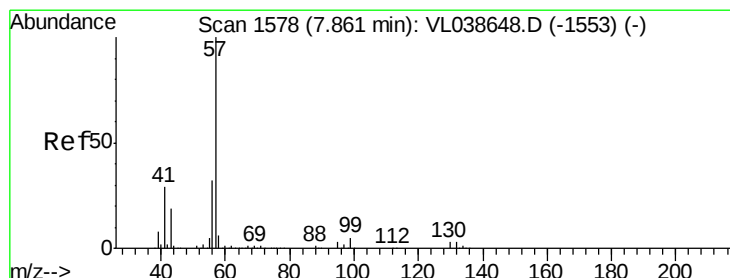
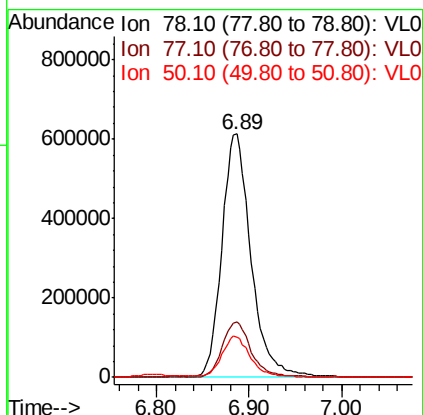
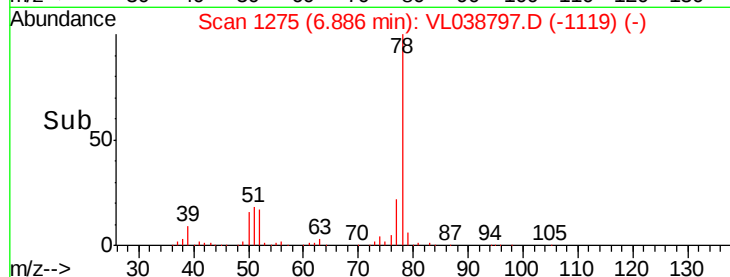
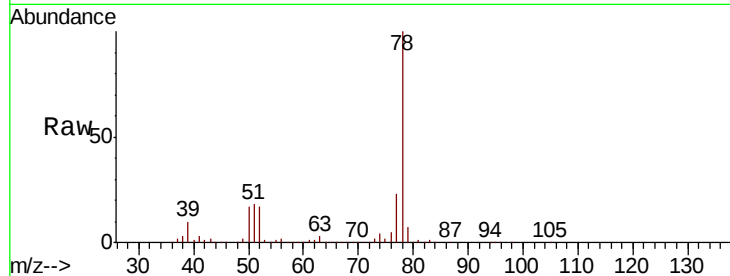


#36
Benzene
Concen: 8.589 ppbv
RT: 6.89
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 30 Mar 2022 16:43

Tot Ion:
Ion Ratio
78 100
77 22.
50 16.

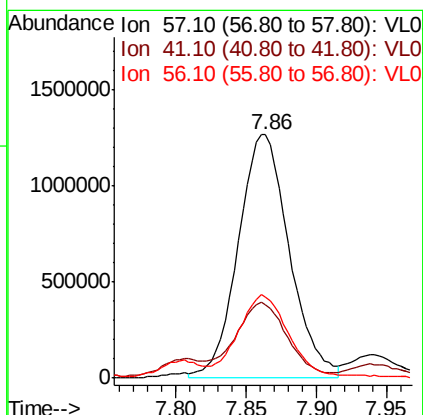
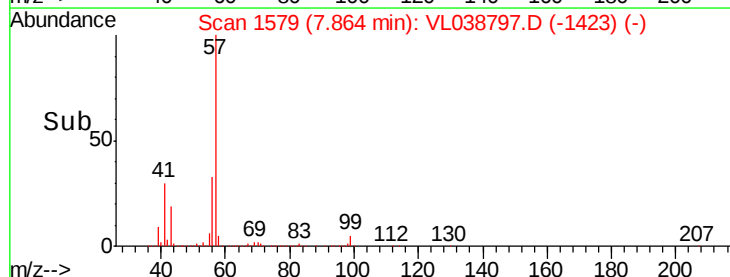
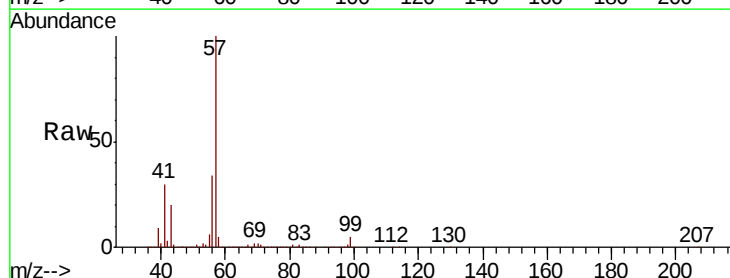
Manual Integrations
APPROVED

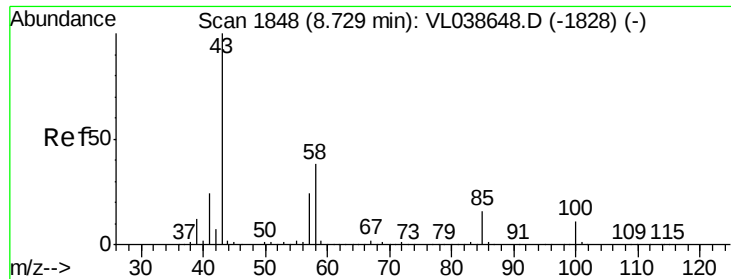
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#44
2,2,4-Trimethylpentane
Concen: 12.306 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VL038797.D
Acq: 30 Mar 2022 16:43

Tgt Ion: 57 Resp: 3198891
Ion Ratio Lower Upper
57 100
41 39.1 23.0 34.4#
56 41.1 25.3 37.9#



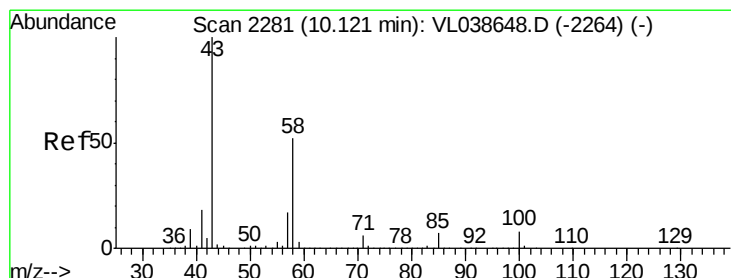
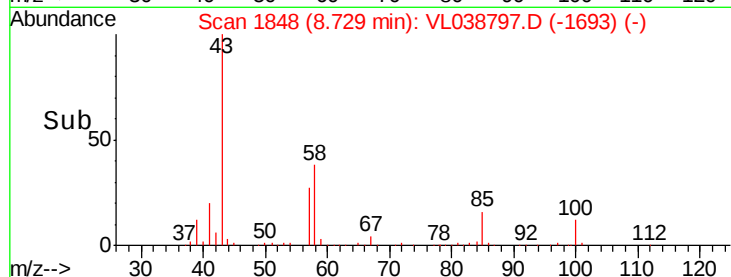
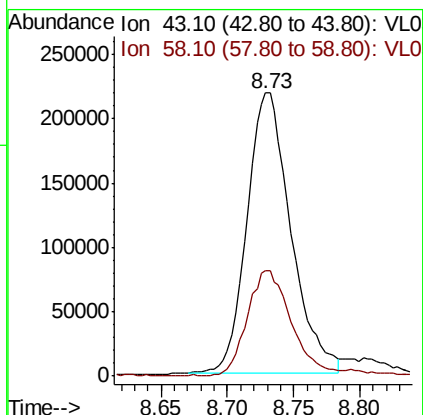
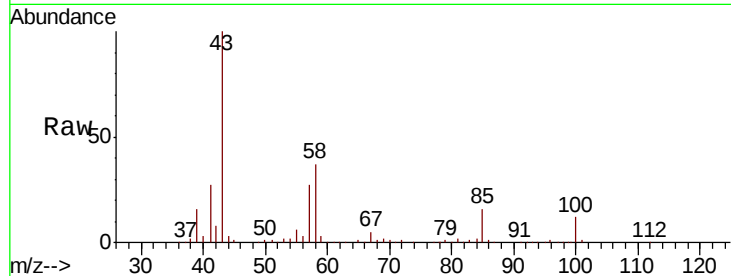


#50
 4-Methyl-2-pentanone
 Concen: 3.401 ppbv
 RT: 8.73
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 SV1
 Acq: 30 Mar 2022 16:43

Tot Ion:
 Ion Ratio
 43 100
 58 39.

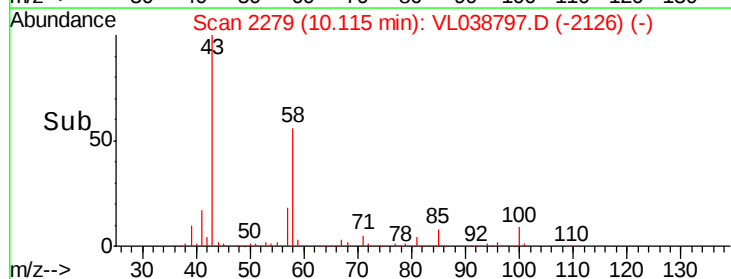
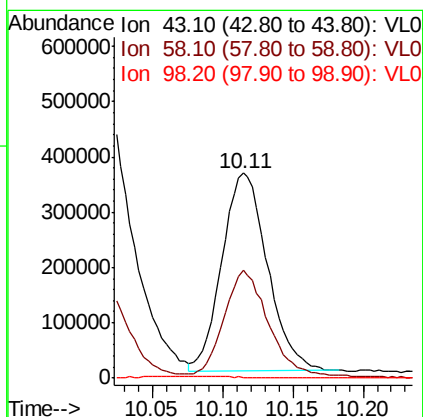
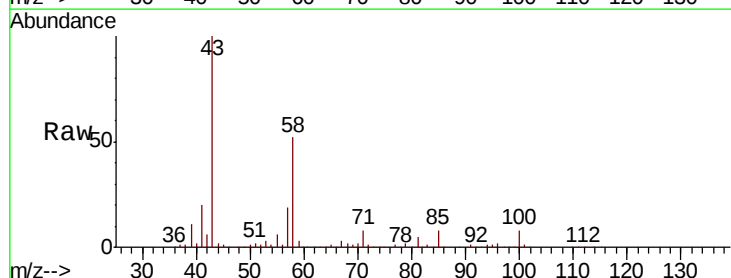
Manual Integrations
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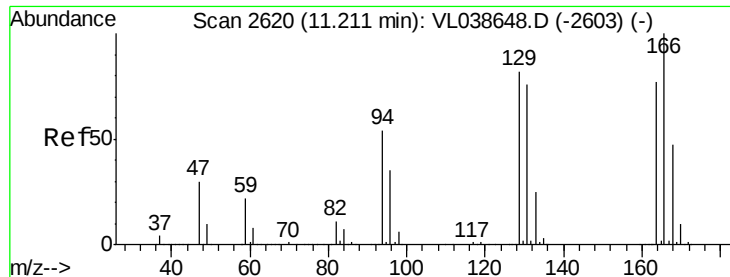
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#51
 2-Hexanone
 Concen: 7.591 ppbv
 RT: 10.11 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: VL038797.D
 Acq: 30 Mar 2022 16:43

Tgt Ion: 43 Resp: 804855
 Ion Ratio Lower Upper
 43 100
 58 54.4 41.2 61.8
 98 2.2 0.2 0.4#





#52

Tetrachloroethene

Concen: 3.807 ppbv

RT: 11.21

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 30 Mar 2022 16:43

Tot Ion:1

Ion Rati

164 100

166 128.

129 100.

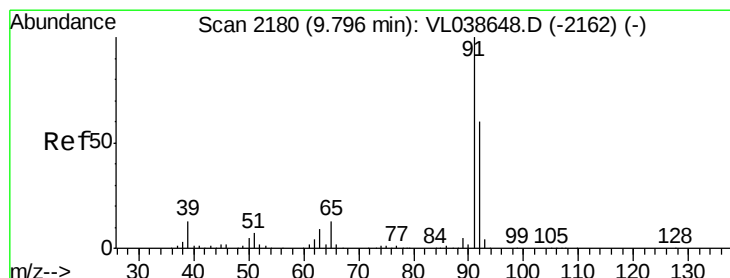
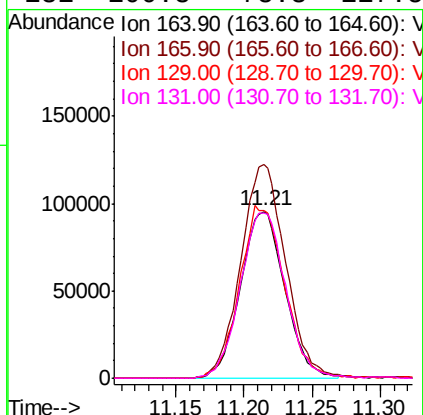
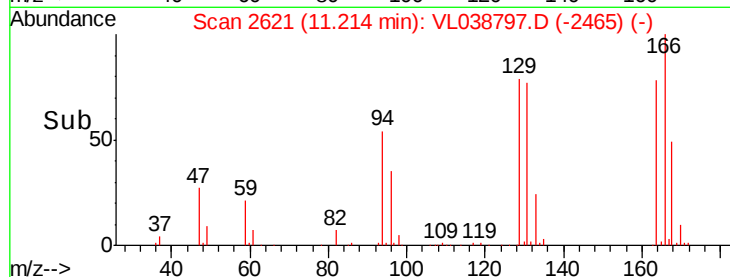
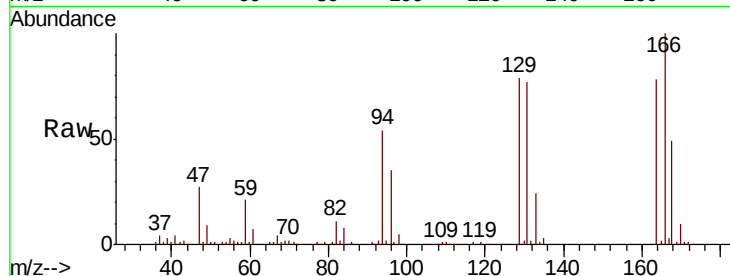
131 100.8 78.3 117.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#53

Toluene

Concen: 9.806 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. -0.00 min

Lab File: VL038797.D

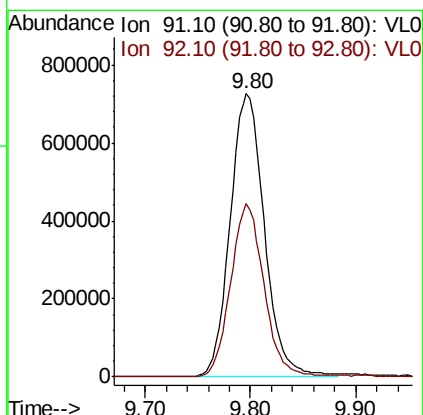
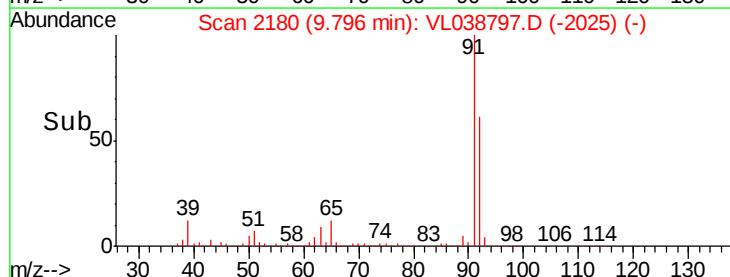
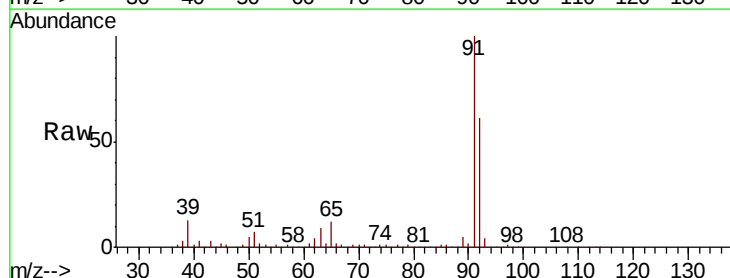
Acq: 30 Mar 2022 16:43

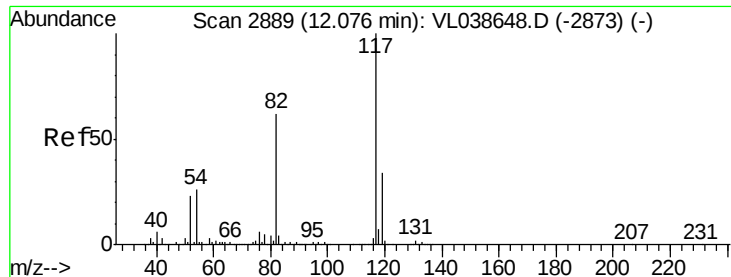
Tgt Ion: 91 Resp: 1631211

Ion Ratio Lower Upper

91 100

92 60.4 48.7 73.1



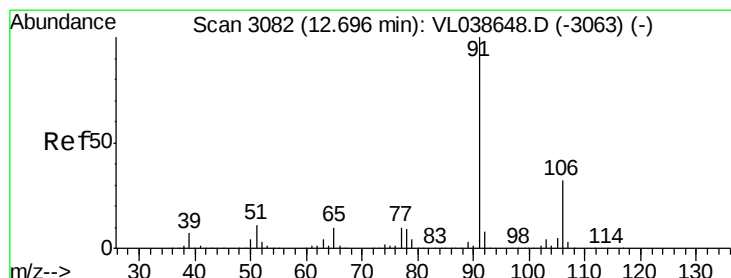
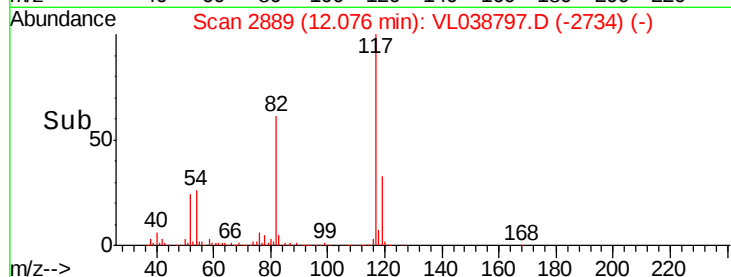
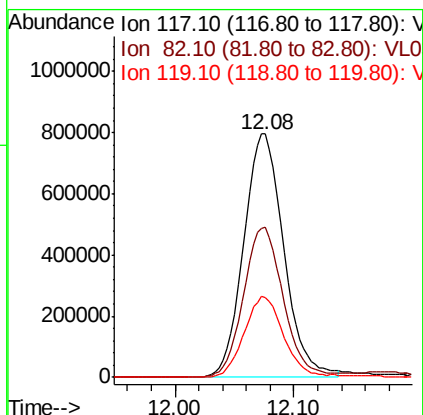
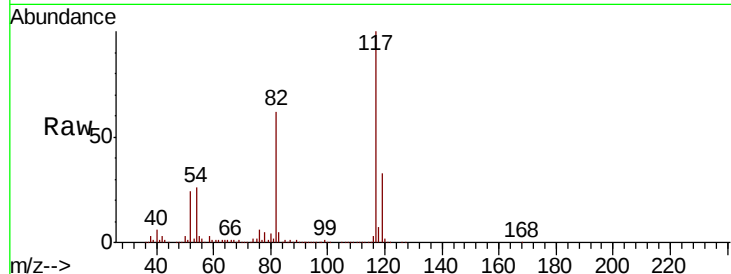


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SV1
Acq: 30 Mar 2022 16:43

Tot Ion: 1
Ion Ratio
117 100
82 61.
119 33.

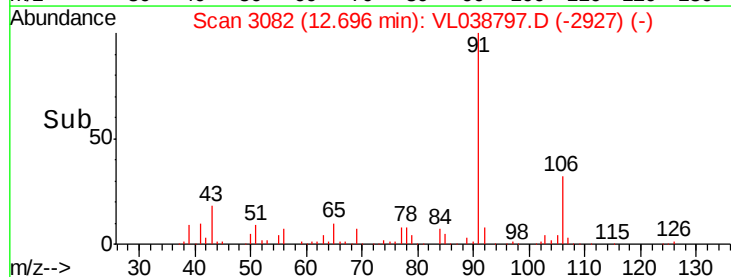
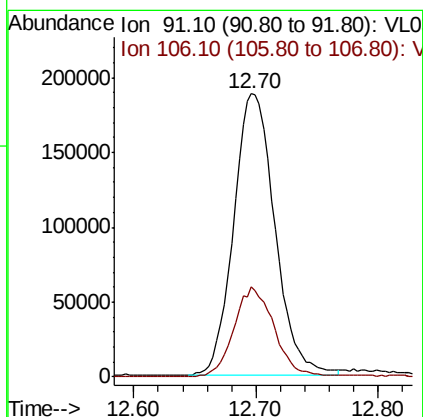
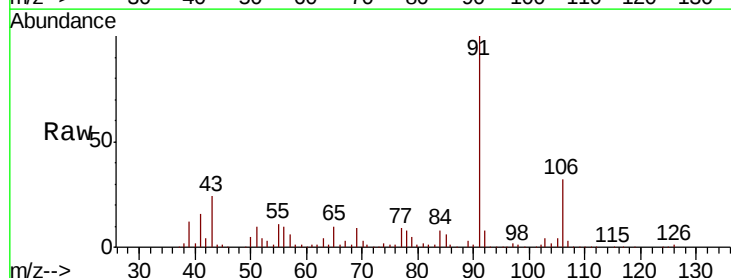
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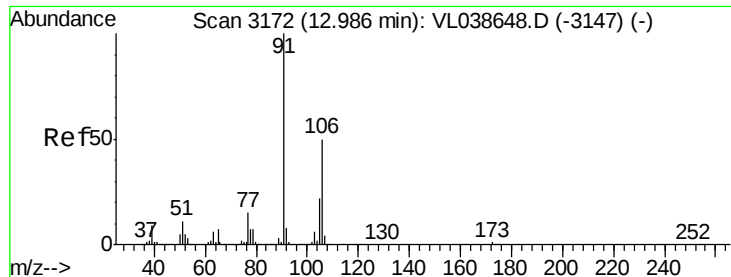
Reviewed By : Semsettin Yesilyurt 04/02/2022
Supervised By : Mahesh Dadoda 04/04/2022



#58
Ethyl Benzene
Concen: 2.015 ppbv
RT: 12.70 min Scan# 3082
Delta R.T.: -0.00 min
Lab File: VL038797.D
Acq: 30 Mar 2022 16:43

Tgt Ion: 91 Resp: 437957
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.0



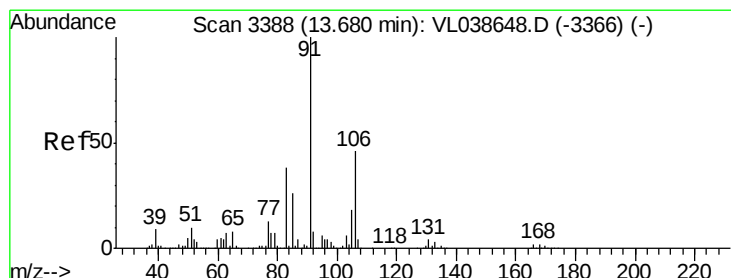
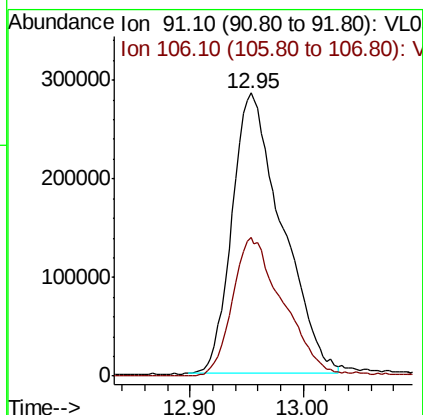
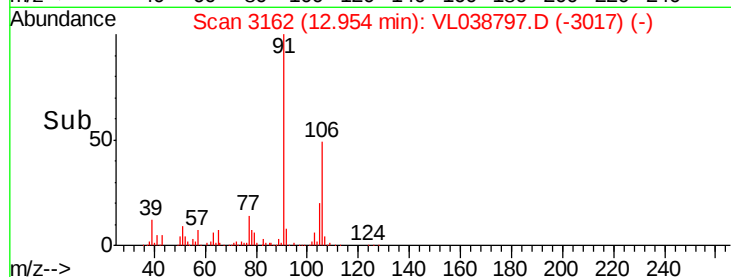
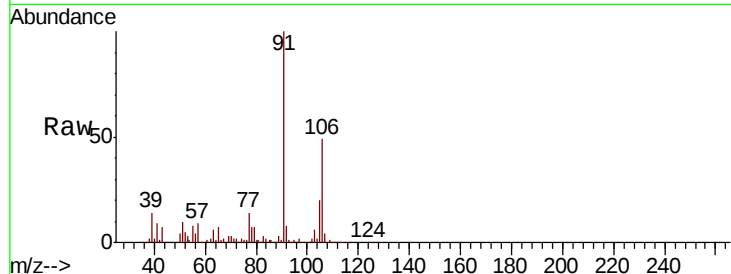


#59
m/p-Xylene
Concen: 4.616 ppbv
RT: 12.95 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SV1
Acq: 30 Mar 2022 16:43

Tot Ion:
Ion Ratio
91 100
106 50.

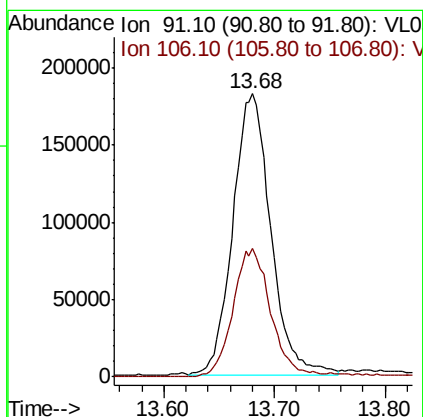
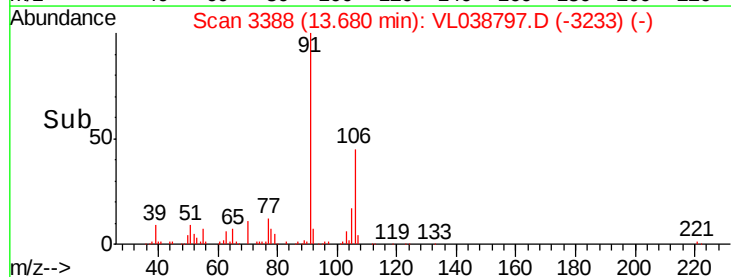
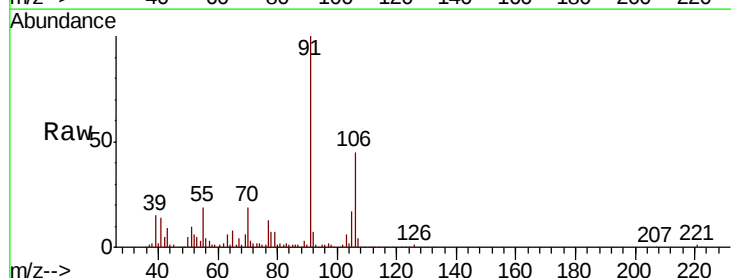
Manual Integrations
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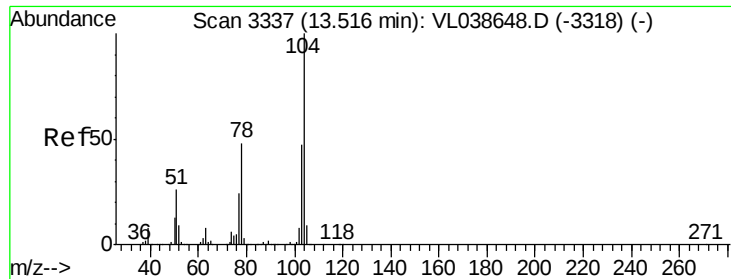
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#60
o-Xylene
Concen: 2.394 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VL038797.D
Acq: 30 Mar 2022 16:43

Tgt Ion: 91 Resp: 432324
Ion Ratio Lower Upper
91 100
106 46.2 23.5 70.5



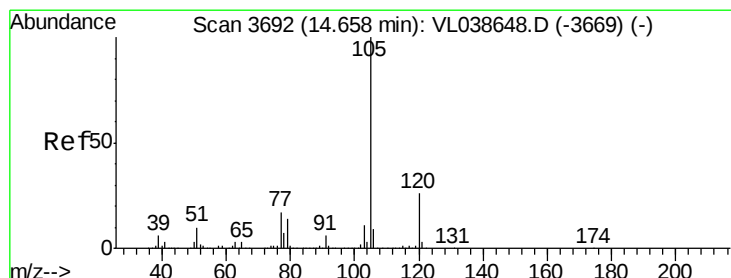
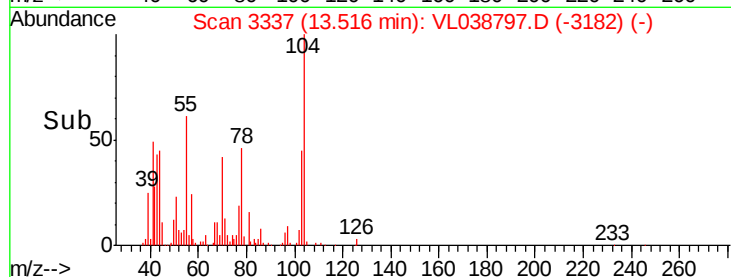
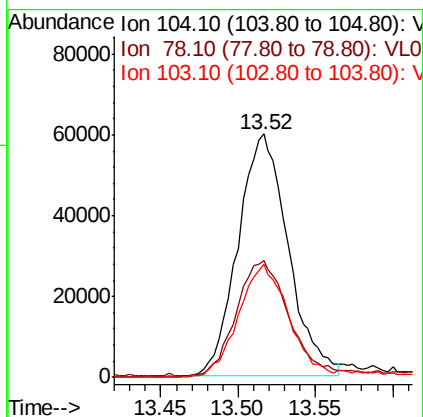
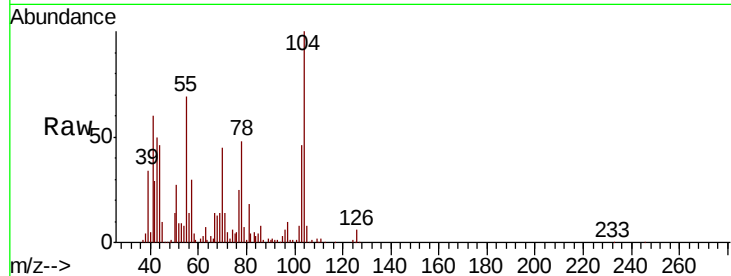


#61
Stvrene
Concen: 1.384 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV1
Acq: 30 Mar 2022 16:43

Tot Ion:1
Ion Rati
104 100
78 50.
103 48.

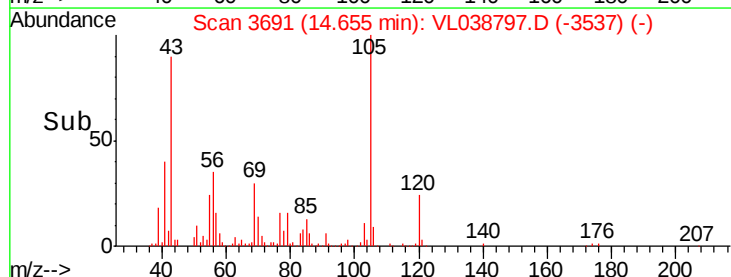
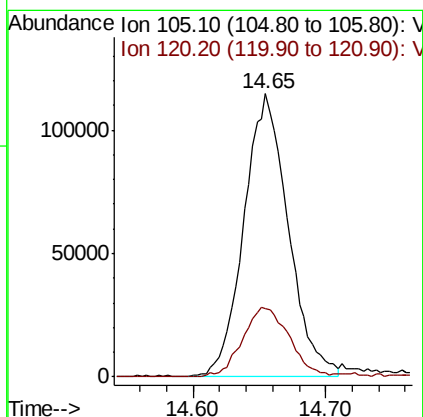
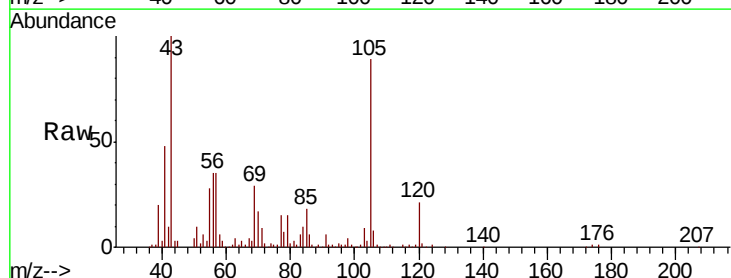
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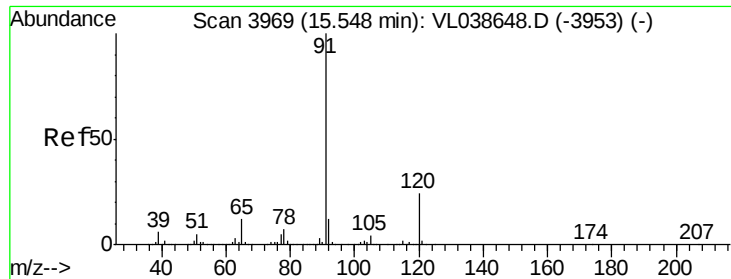
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#62
Isopropylbenzene
Concen: 0.979 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. -0.00 min
Lab File: VL038797.D
Acq: 30 Mar 2022 16:43

Tgt Ion:105 Resp: 265598
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8



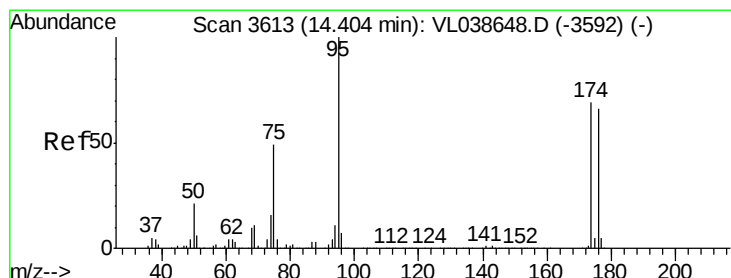
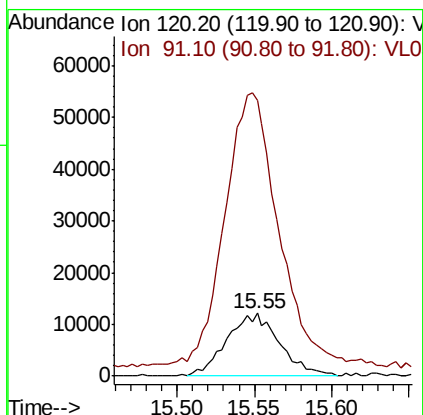
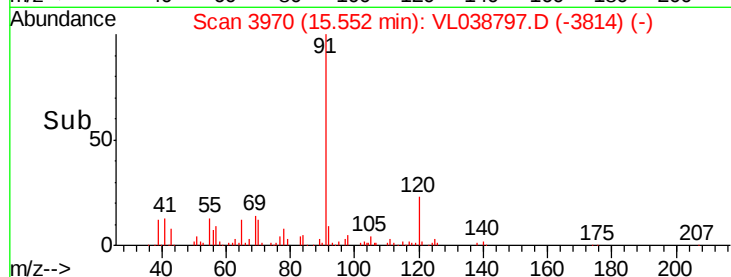
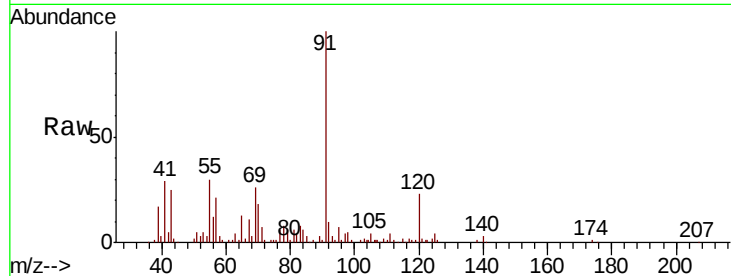


#64
n-propylbenzene
Concen: 0.403 ppbv m
RT: 15.55
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SV1
Acq: 30 Mar 2022 16:43

Tot Ion:1
Ion Rati
120 100
91 502.

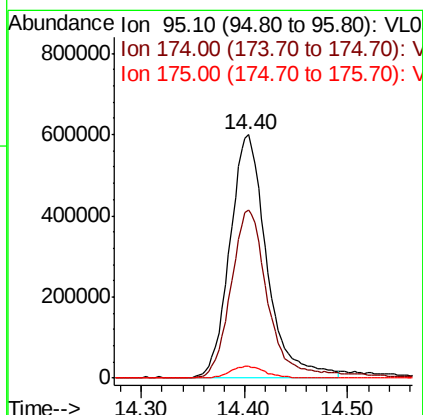
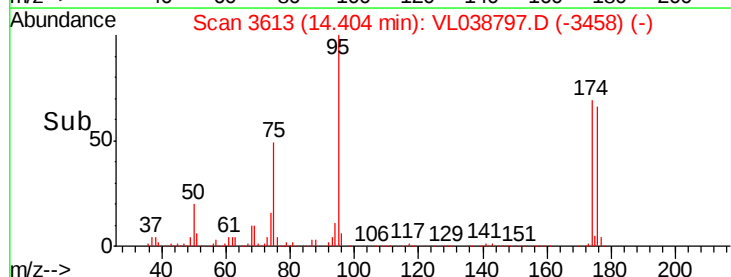
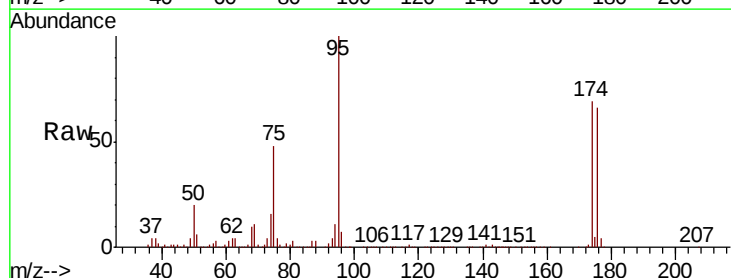
Manual Integrations
APPROVED

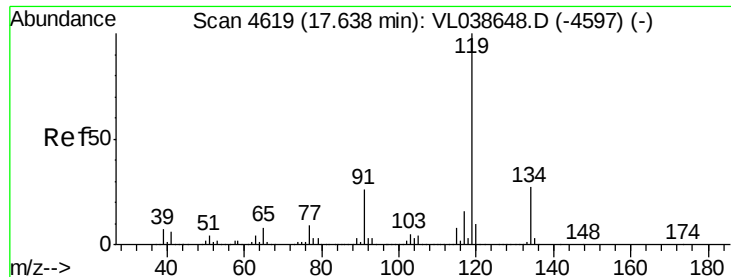
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.416 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.00 min
Lab File: VL038797.D
Acq: 30 Mar 2022 16:43

Tgt Ion: 95 Resp: 1484938
Ion Ratio Lower Upper
95 100
174 71.7 56.1 84.1
175 5.2 4.2 6.2



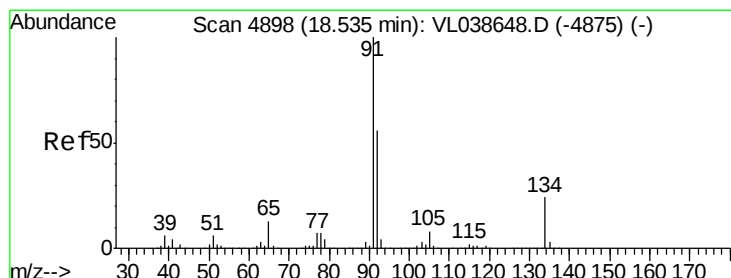
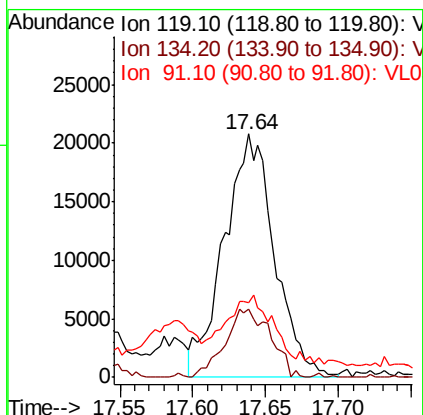
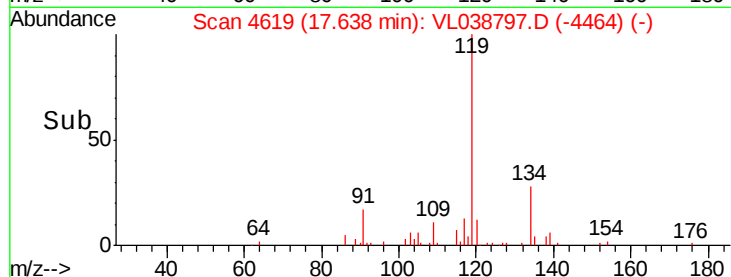
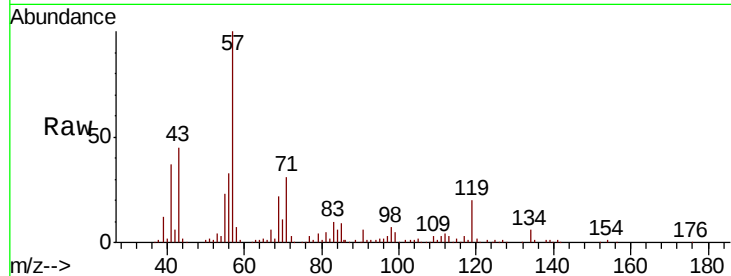


#69
 p-Isopropyltoluene
 Concen: 0.175 ppbv m
 RT: 17.64
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 SV1
 Acq: 30 Mar 2022 16:43

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 0.

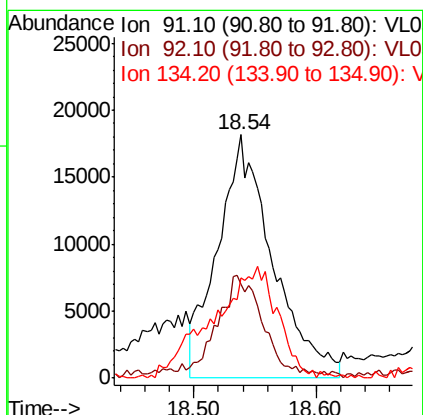
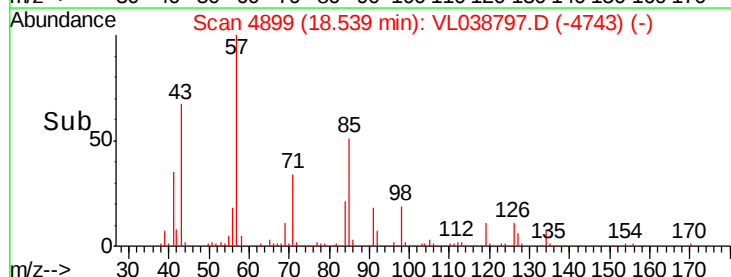
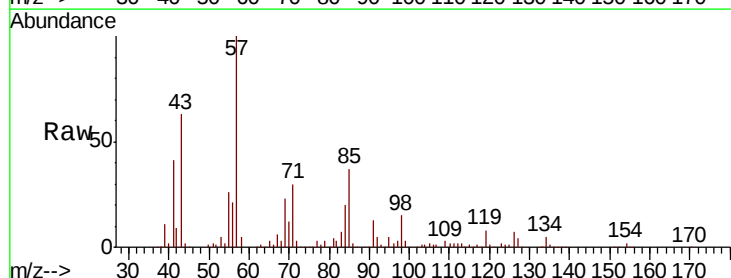
Manual Integrations
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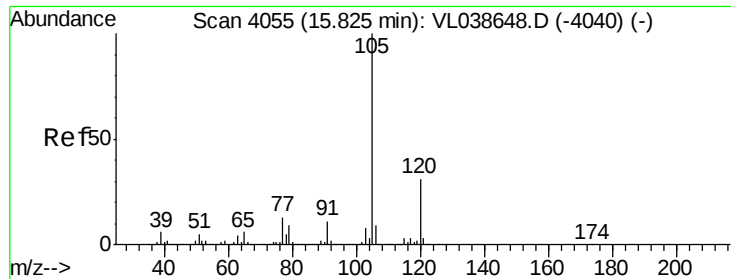
Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/04/2022



#70
 n-Butylbenzene
 Concen: 0.193 ppbv m
 RT: 18.54 min Scan# 4899
 Delta R.T.: 0.00 min
 Lab File: VL038797.D
 Acq: 30 Mar 2022 16:43

Tgt Ion: 91 Resp: 56796
 Ion Ratio Lower Upper
 91 100
 92 39.1 43.9 65.9#
 134 0.0 18.7 28.1#





#72

4-Ethyltoluene

Concen: 0.559 ppbv m

RT: 15.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 30 Mar 2022 16:43

Tot Ion:1

Ion Ratio

105 100

120 31.

91 12.

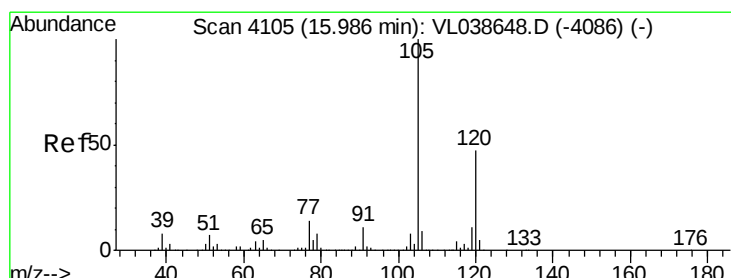
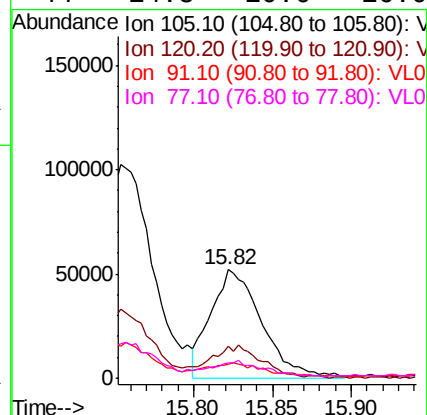
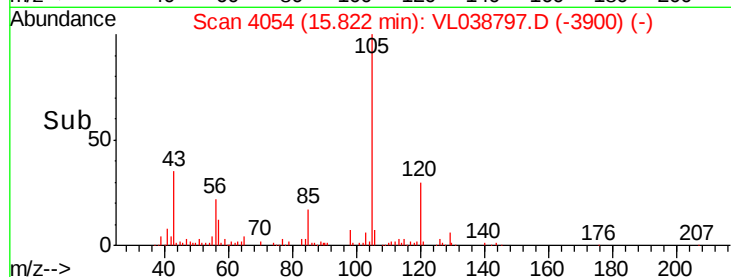
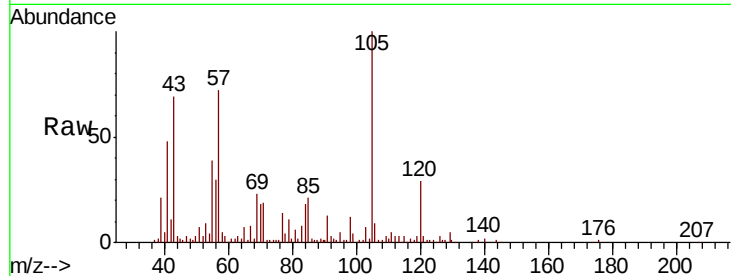
77 14.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#73

1,3,5-Trimethylbenzene

Concen: 0.520 ppbv

RT: 15.98 min Scan# 4104

Delta R.T. -0.00 min

Lab File: VL038797.D

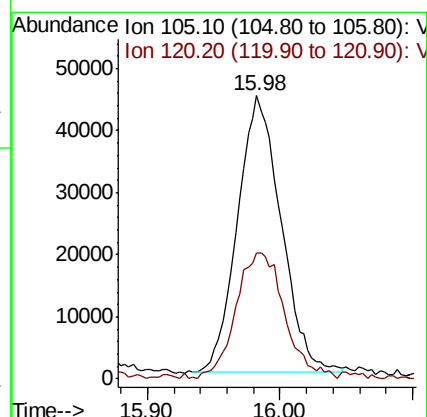
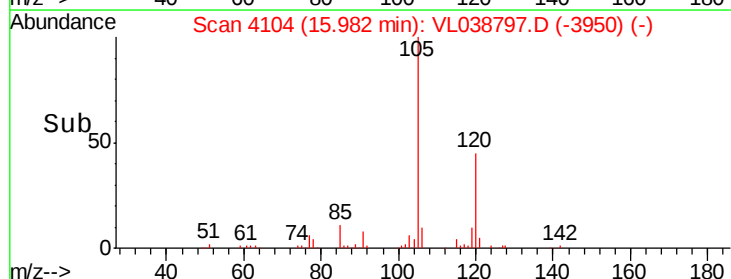
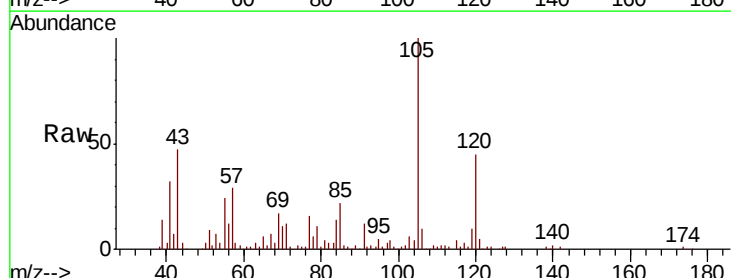
Acq: 30 Mar 2022 16:43

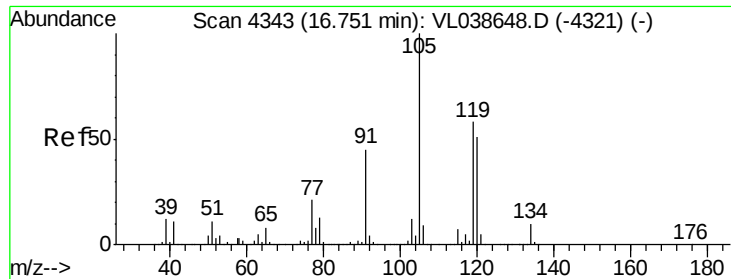
Tgt Ion:105 Resp: 101063

Ion Ratio Lower Upper

105 100

120 45.0 37.6 56.4





#74

1,2,4-Trimethylbenzene

Concen: 1.453 ppbv

RT: 16.75

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 30 Mar 2022 16:43

Tot Ion:1

Ion Rati

105 100

120 43.

91 11.

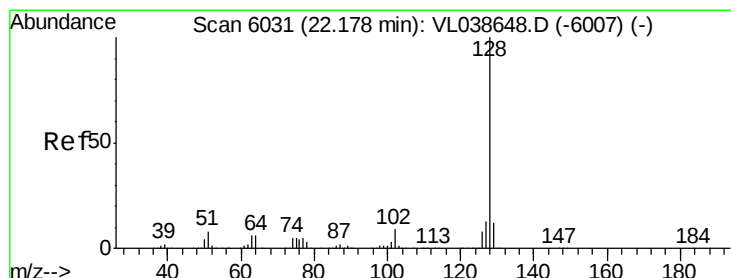
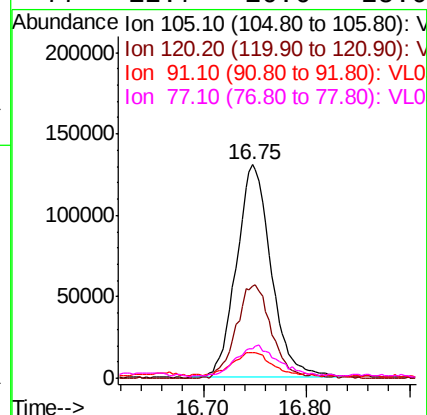
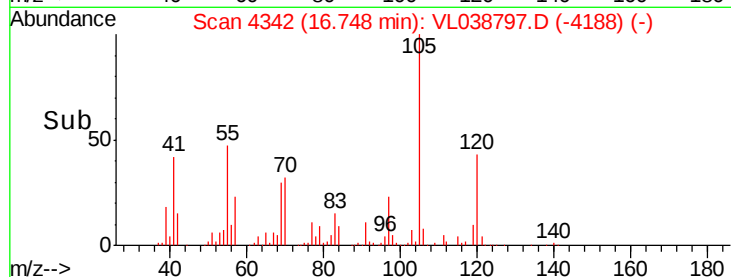
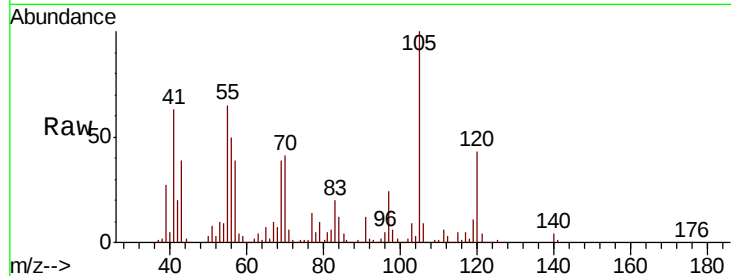
77 12.7 16.6 25.0#

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#79

Naphthalene

Concen: 0.233 ppbv m

RT: 22.18 min Scan# 6032

Delta R.T. 0.00 min

Lab File: VL038797.D

Acq: 30 Mar 2022 16:43

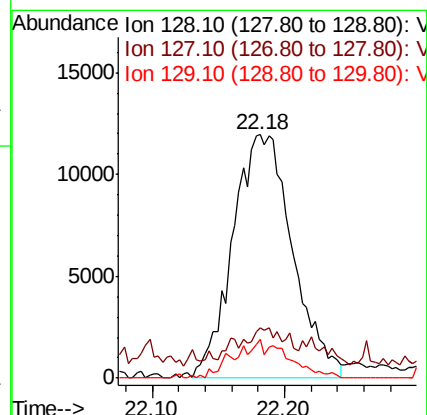
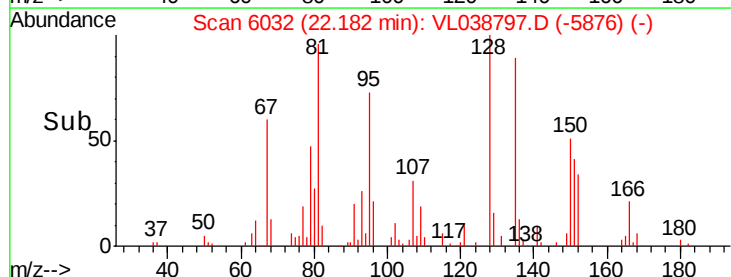
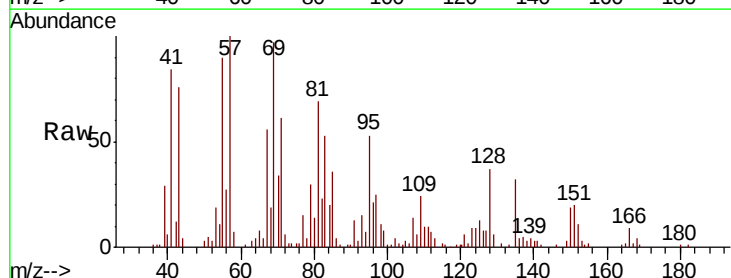
Tgt Ion:128 Resp: 37604

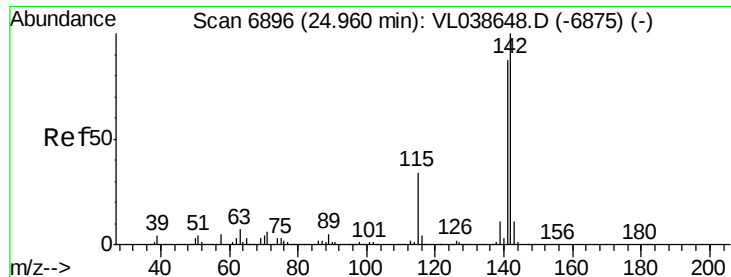
Ion Ratio Lower Upper

128 100

127 20.5 10.2 15.4#

129 16.0 9.2 13.8#





#80
 Naphthalene, 2-methyl-
 Concen: 0.127 ppbv
 RT: 24.97
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 SV1
 Acq: 30 Mar 2022 18:43

Tot Ion: 1
 Ion Rati
 142 100
 141 84.
 115 60.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022

