

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039218.D
 Acq On : 7 Jun 2022 20:55
 Operator : SY/AP
 Sample : N3214-13 0.1 LOD
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 08 06:49:30 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122A

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

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	767574	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1821308	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1515139	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1302947	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	28025	0.208	ppbv	99
3) Chlorodifluoromethane	3.00	51	14706	0.151	ppbv #	87
4) Chloromethane	3.14	50	8856	0.177	ppbv #	77
5) Vinyl Chloride	3.26	62	7640m	0.163	ppbv	
6) Bromomethane	3.47	94	4065m	0.176	ppbv	
7) Chloroethane	3.56	64	2943m	0.180	ppbv	
8) Dichlorotetrafluoroethane	3.19	85	22216	0.180	ppbv	91
9) Propene	3.02	41	11667m	0.274	ppbv	
10) Heptane	8.12	43	11102m	0.112	ppbv	
11) Trichlorofluoromethane	3.95	101	24894m	0.204	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.48	101	16094m	0.199	ppbv	
13) Ethanol	3.61	45	989	0.426	ppbv #	100
14) Bromoethene	3.74	108	6639m	0.183	ppbv	
15) Acetone	3.87	43	22799m	0.285	ppbv	
16) 1,3-Butadiene	3.33	39	8384m	0.195	ppbv	
17) tert-Butyl alcohol	4.32	59	9212m	0.149	ppbv	
18) 1,1-Dichloroethene	4.29	96	8281m	0.229	ppbv	
19) Isopropyl Alcohol	3.99	45	6835m	0.182	ppbv	
20) Methylene Chloride	4.34	84	11771m	0.349	ppbv	
21) Allyl Chloride	4.42	41	8772m	0.163	ppbv	
22) trans-1,2-Dichloroethene	4.90	96	5514m	0.158	ppbv	
23) Vinyl Acetate	5.08	43	10117m	0.153	ppbv	
24) 1,1-Dichloroethane	5.01	63	15360m	0.169	ppbv	
25) Ethyl Acetate	5.69	43	28332m	0.157	ppbv	
26) Hexane	5.68	57	13072m	0.165	ppbv	
27) Carbon Disulfide	4.56	76	10246m	0.125	ppbv	
28) Methyl tert-Butyl Ether	5.05	73	12793m	0.146	ppbv	
29) Chloroform	5.75	83	22423m	0.168	ppbv	
30) Cyclohexane	7.13	84	13644m	0.205	ppbv	
31) cis-1,2-Dichloroethene	5.56	61	11344m	0.140	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	20113m	0.154	ppbv	
34) 2-Butanone	5.26	43	15678m	0.158	ppbv	
35) Carbon Tetrachloride	7.02	117	19239m	0.145	ppbv	
36) Benzene	6.89	78	21018	0.142	ppbv #	94
37) 1,2-Dichloroethane	6.31	62	17000m	0.175	ppbv	
38) Trichloroethene	7.83	130	9219m	0.136	ppbv	
39) 1,2-Dichloropropane	7.61	63	10134m	0.172	ppbv	
40) 1,4-Dioxane	7.89	88	3282m	0.170	ppbv	
41) Tetrahydrofuran	6.10	42	8177m	0.137	ppbv	
42) Bromodichloromethane	7.79	83	15974m	0.118	ppbv	
43) Methyl Methacrylate	8.02	69	7580m	0.132	ppbv	

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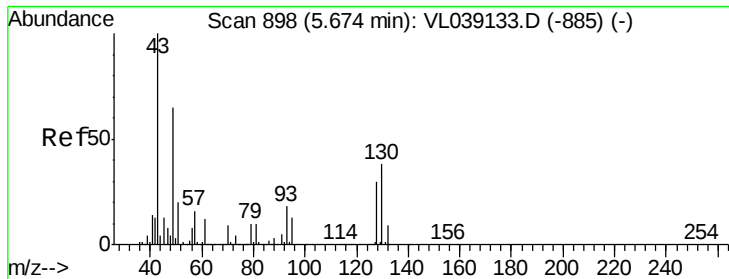
Manual Integrations
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Quant Time: Jun 08 06:49:30 2022
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	36284m	0.140	ppbv	
45) t-1,3-Dichloropropene	9.28	75	5525m	0.092	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	7512m	0.095	ppbv	
47) 1,1,2-Trichloroethane	9.48	97	9064m	0.148	ppbv	
48) Dibromochloromethane	10.31	129	9945m	0.091	ppbv	
49) Bromoform	13.04	173	6563m	0.072	ppbv	
50) 4-Methyl-2-Pentanone	8.77	43	18353m	0.124	ppbv	
51) 2-Hexanone	10.17	43	12296m	0.107	ppbv	
52) Tetrachloroethene	11.21	164	7841m	0.136	ppbv	
53) Toluene	9.81	91	21157m	0.124	ppbv	
54) 1,2-Dibromoethane	10.61	107	12234m	0.148	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.12	131	10693m	0.149	ppbv	
57) Chlorobenzene	12.15	112	18666m	0.164	ppbv	
58) Ethyl Benzene	12.72	91	27428m	0.131	ppbv	
59) m/p-Xylene	13.00	91	42527m	0.231	ppbv	
60) o-Xylene	13.70	91	21334m	0.124	ppbv	
61) Styrene	13.53	104	9980m	0.108	ppbv	
62) Isopropylbenzene	14.66	105	37492m	0.146	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.68	83	13506m	0.139	ppbv	
64) n-propylbenzene	15.56	120	7693m	0.122	ppbv	
65) tert-Butylbenzene	16.75	119	28661m	0.122	ppbv	
66) Benzyl Chloride	17.00	91	3400m	0.111	ppbv	
67) sec-Butylbenzene	17.29	105	38482m	0.120	ppbv	
69) p-Isopropyltoluene	17.65	119	29547m	0.109	ppbv	
70) n-Butylbenzene	18.56	91	31819m	0.115	ppbv	
71) 2-Chlorotoluene	15.45	91	25712m	0.131	ppbv	
72) 4-Ethyltoluene	15.84	105	22240m	0.110	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	22232m	0.122	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	22982m	0.113	ppbv	
75) 1,3-Dichlorobenzene	17.00	146	17126m	0.149	ppbv	
76) 1,4-Dichlorobenzene	17.14	146	15058m	0.131	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	15503m	0.133	ppbv	
78) Hexachloro-1,3-Butadiene	23.38	225	14801m	0.139	ppbv	
79) Naphthalene	22.20	128	13067m	0.083	ppbv	
80) Naphthalene,2-methyl-	25.06	142	1832m	0.031	ppbv	
81) 1,2,4-Trichlorobenzene	21.94	180	9478m	0.095	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

49 100

128 47.

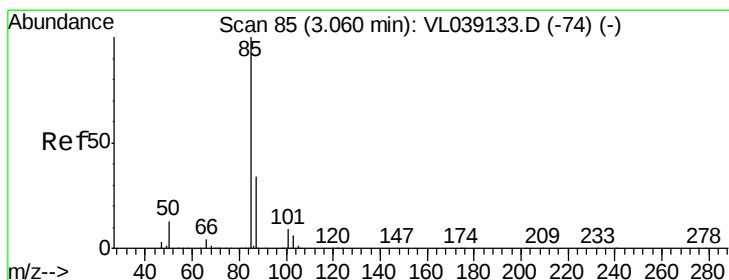
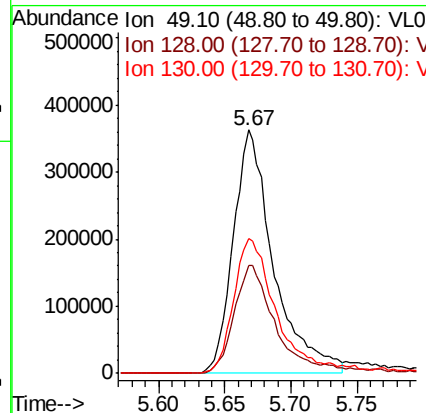
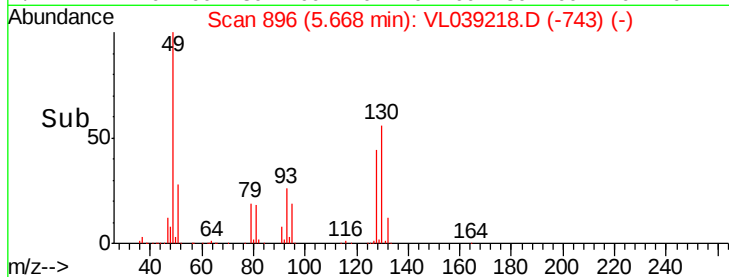
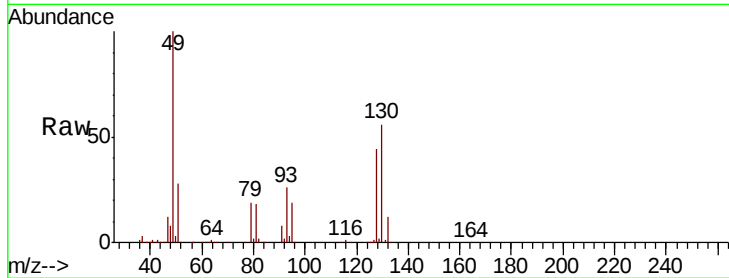
130 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#2

Dichlorodifluoromethane

Concen: 0.208 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.01 min

Lab File: VL039218.D

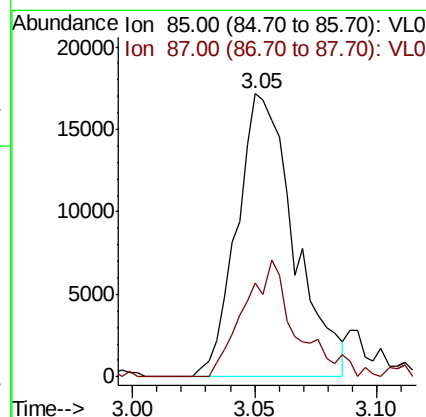
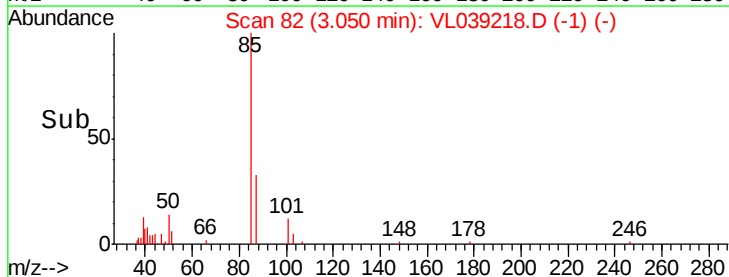
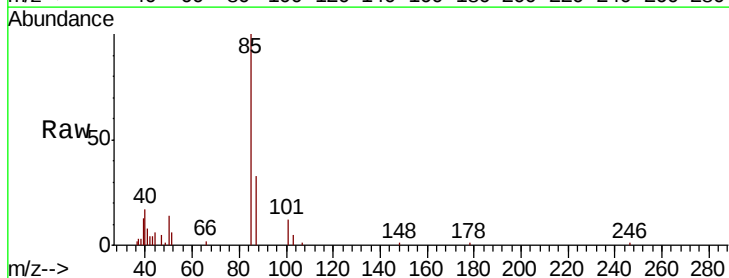
Acq: 7 Jun 2022 20:55

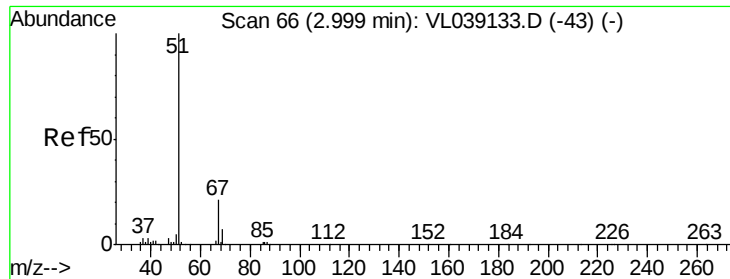
Tgt Ion: 85 Resp: 28025

Ion Ratio Lower Upper

85 100

87 33.1 26.9 40.3





#3

Chlorodifluoromethane

Concen: 0.151 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

51 100

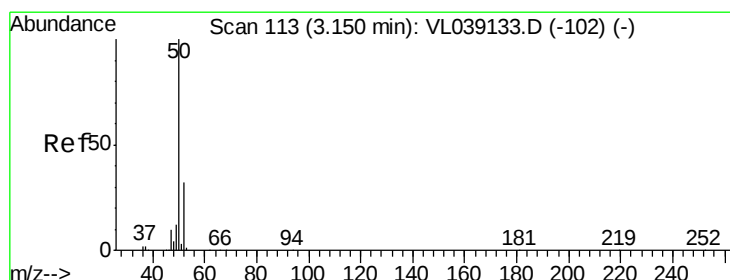
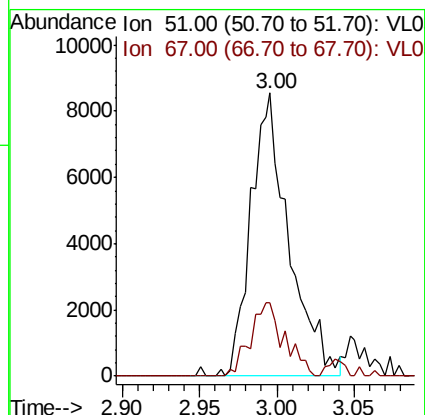
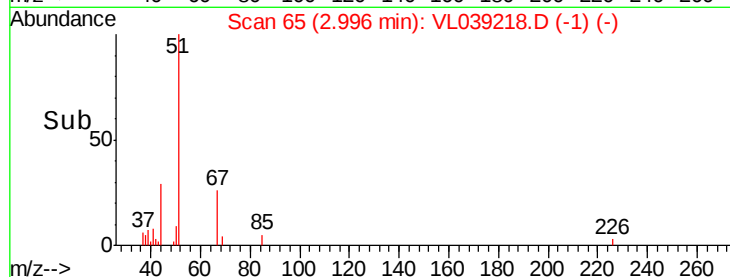
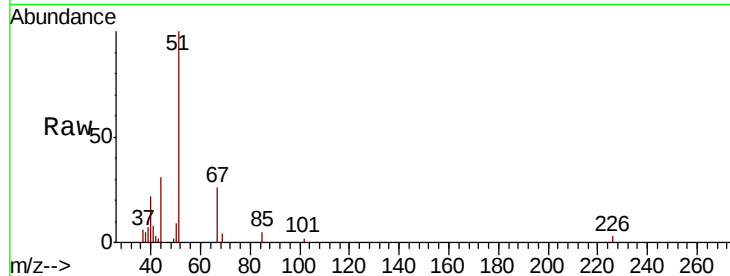
67 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#4

Chloromethane

Concen: 0.177 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.01 min

Lab File: VL039218.D

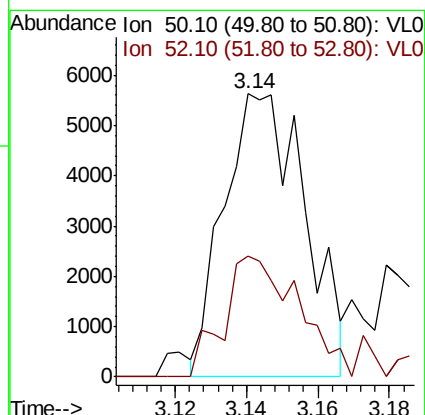
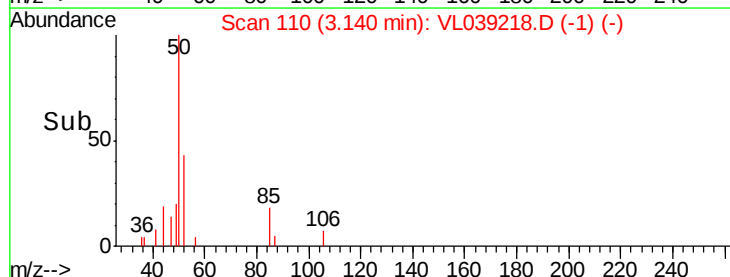
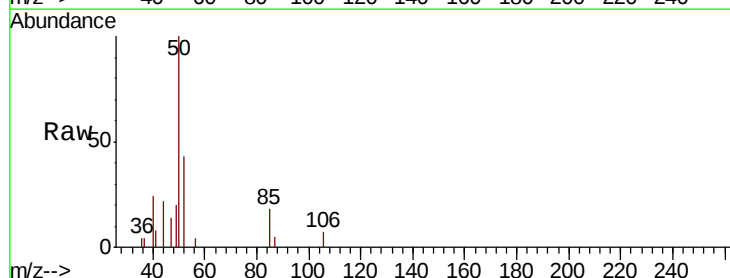
Acq: 7 Jun 2022 20:55

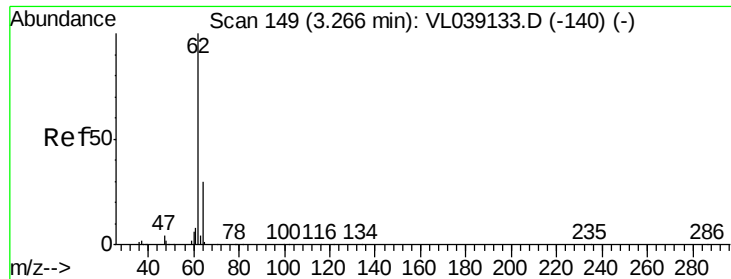
Tgt Ion: 50 Resp: 8856

Ion Ratio Lower Upper

50 100

52 45.5 25.9 38.9#





#5

Vinyl Chloride

Concen: 0.163 ppbv m

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

62 100

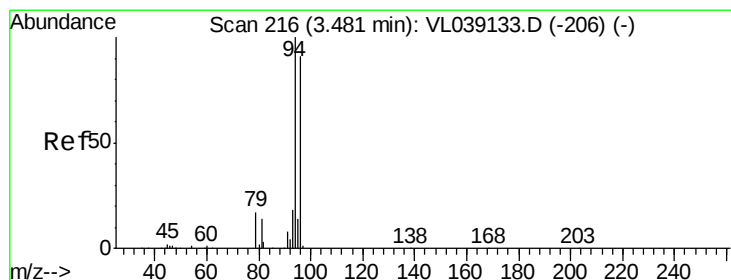
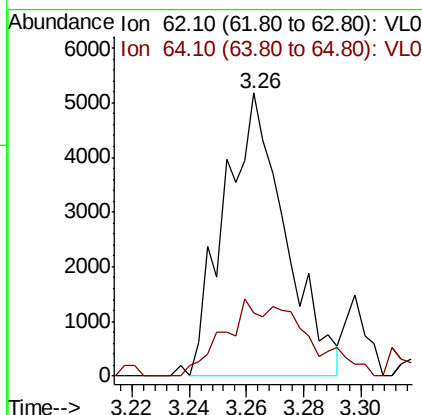
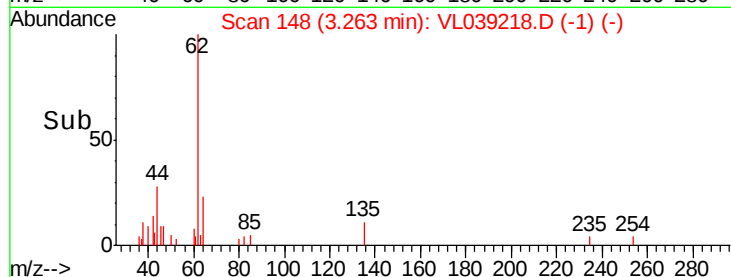
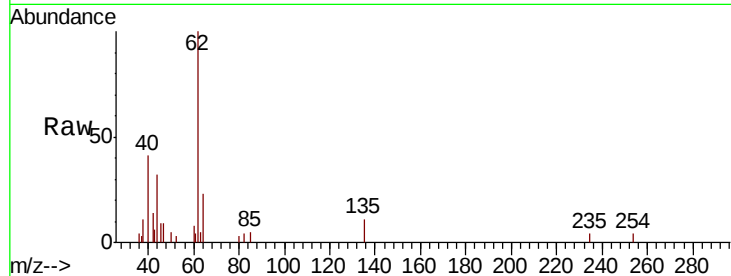
64 22.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#6

Bromomethane

Concen: 0.176 ppbv m

RT: 3.47 min Scan# 213

Delta R.T. -0.01 min

Lab File: VL039218.D

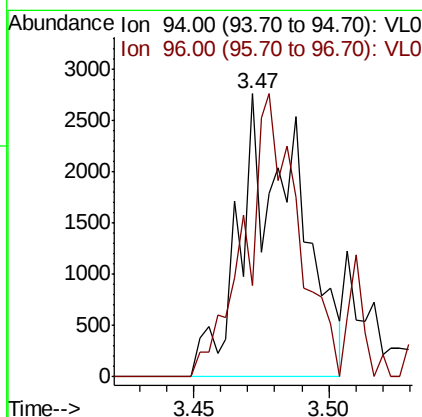
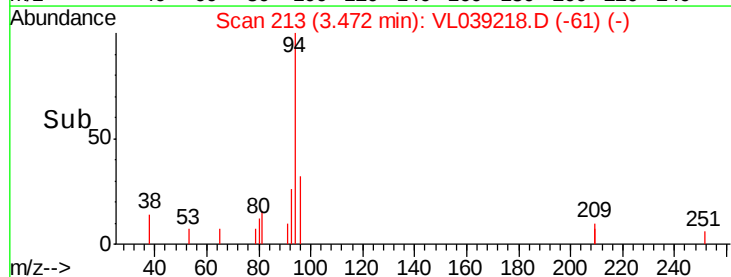
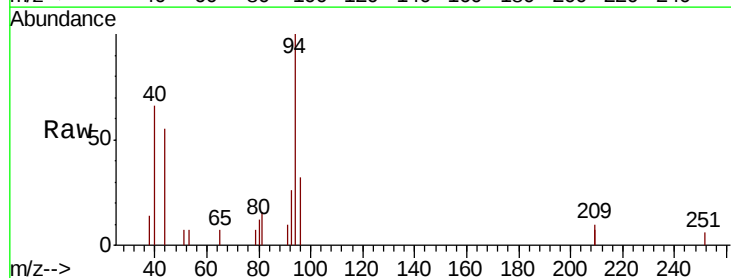
Acq: 7 Jun 2022 20:55

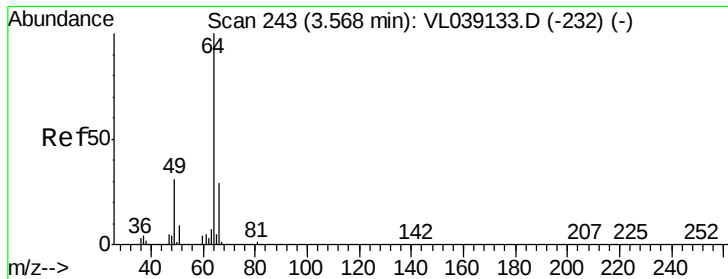
Tgt Ion: 94 Resp: 4065

Ion Ratio Lower Upper

94 100

96 32.2 73.0 109.4#





#7

Chloroethane

Concen: 0.180 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

64 100

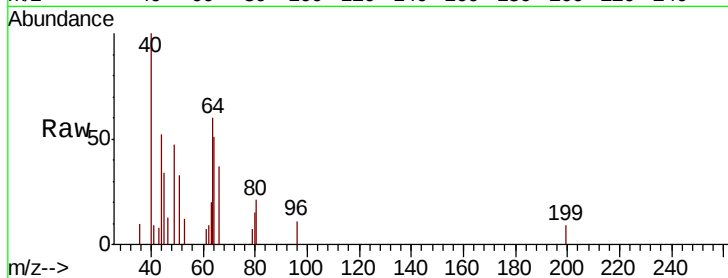
66 62.

Manual Integrations

APPROVED

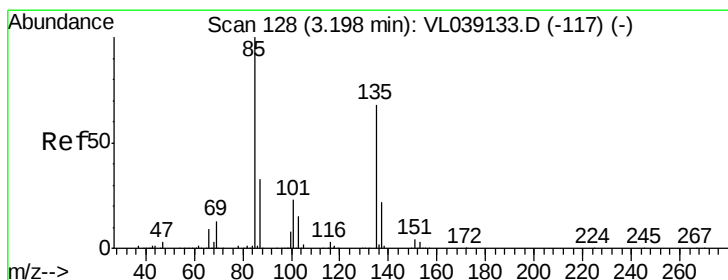
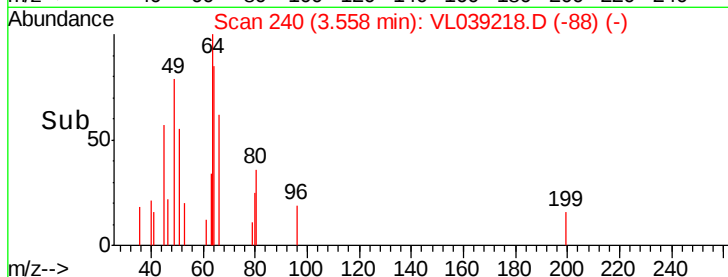
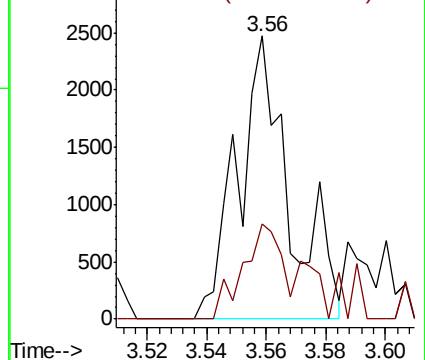
Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.180 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.01 min

Lab File: VL039218.D

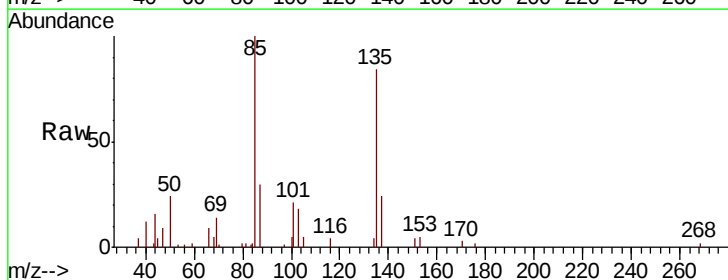
Acq: 7 Jun 2022 20:55

Tgt Ion: 85 Resp: 22216

Ion Ratio Lower Upper

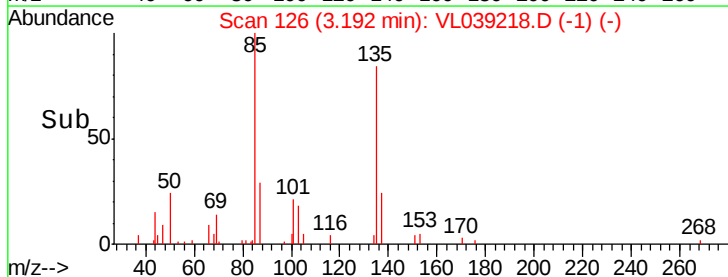
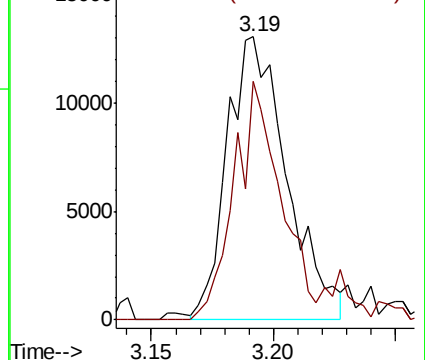
85 100

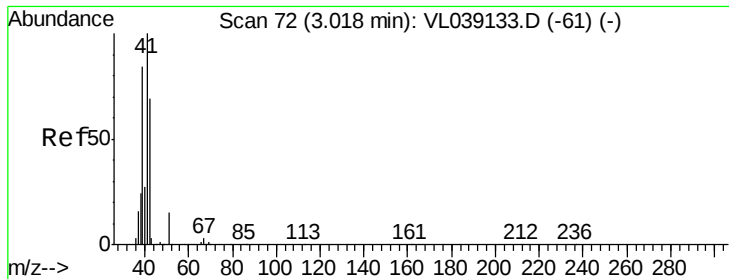
135 75.6 55.0 82.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.274 ppbv m

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 20:55

Tot Ion:

Ion Ratio

41 100

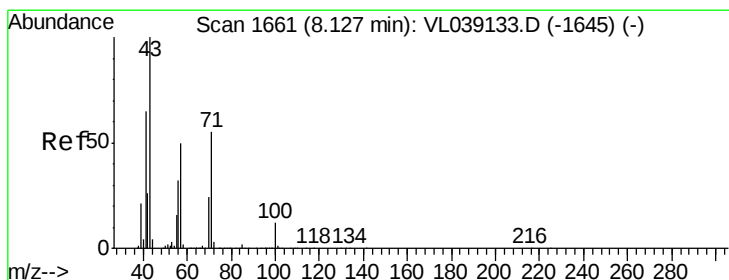
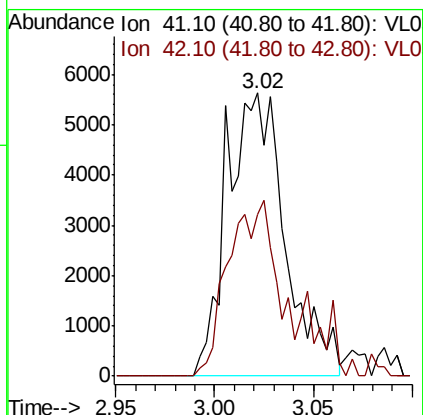
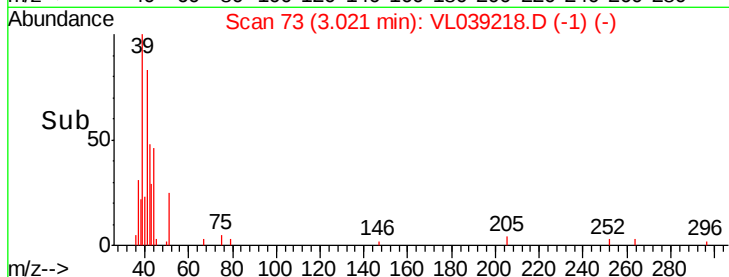
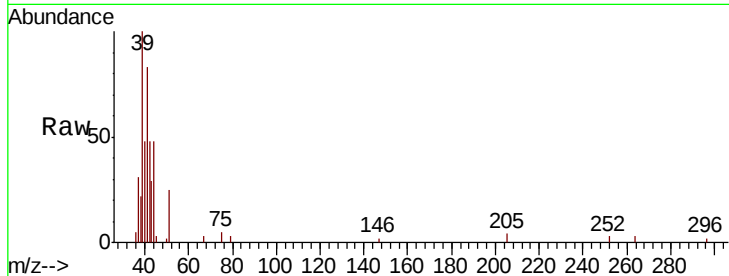
42 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#10

Heptane

Concen: 0.112 ppbv m

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL039218.D

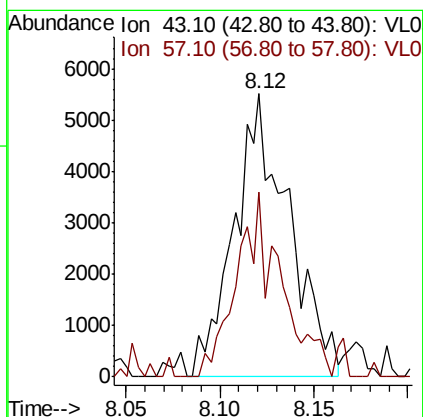
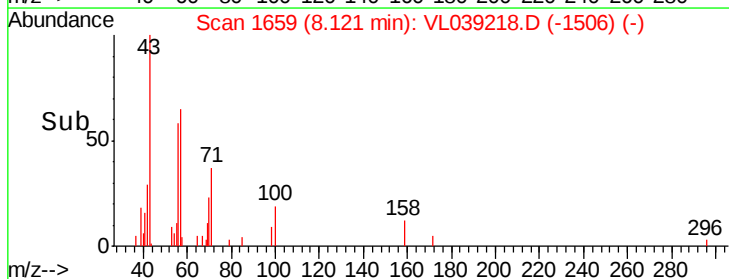
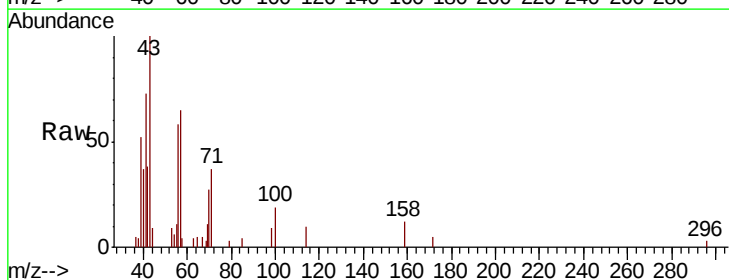
Acq: 7 Jun 2022 20:55

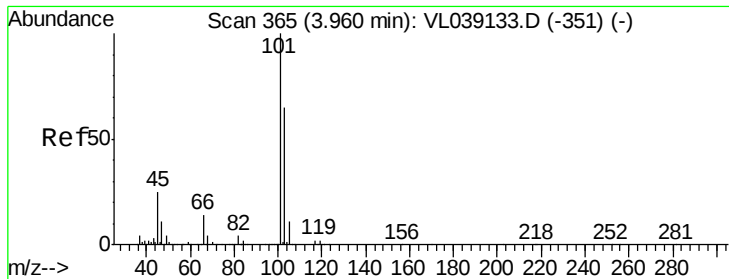
Tgt Ion: 43 Resp: 11102

Ion Ratio Lower Upper

43 100

57 55.5 41.4 62.2





#11

Trichlorofluoromethane

Concen: 0.204 ppbv m

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1

Ion Rati

101 100

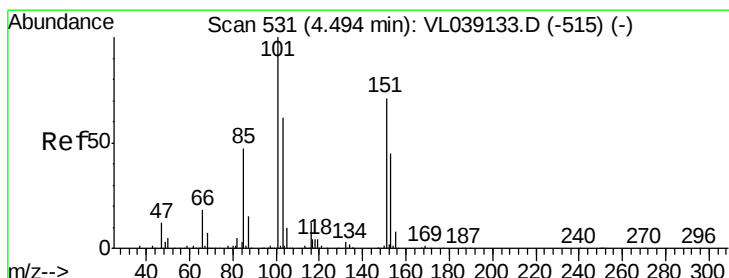
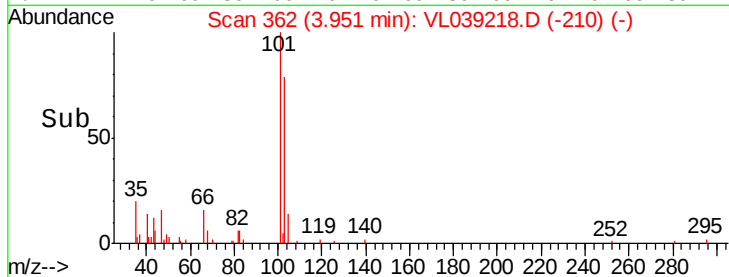
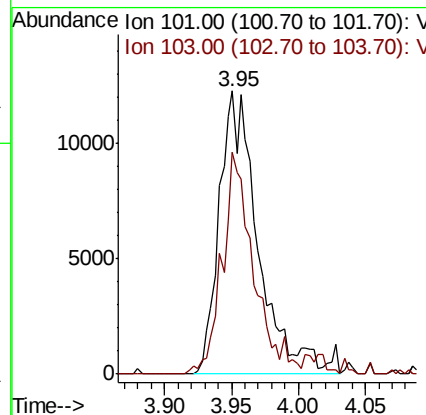
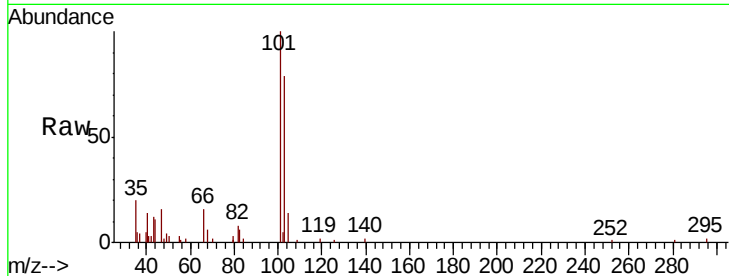
103 78.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.199 ppbv m

RT: 4.48 min Scan# 527

Delta R.T. -0.01 min

Lab File: VL039218.D

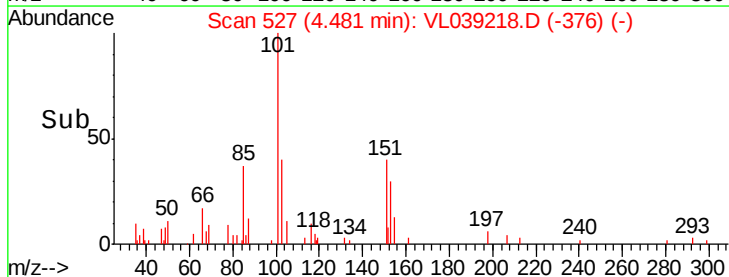
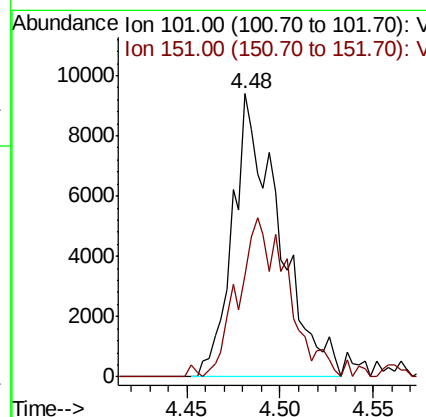
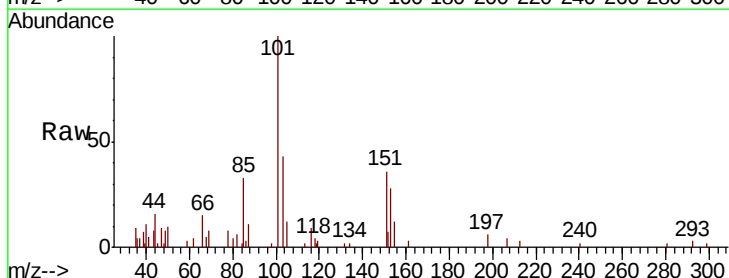
Acq: 7 Jun 2022 20:55

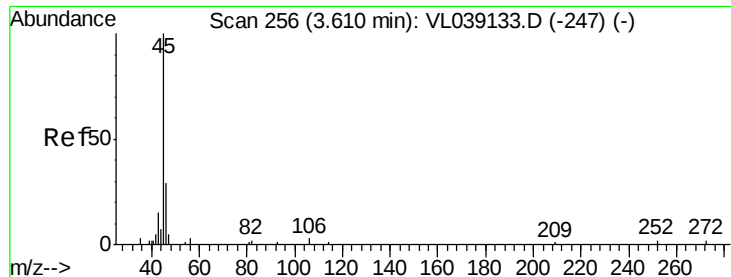
Tgt Ion:101 Resp: 16094

Ion Ratio Lower Upper

101 100

151 61.8 59.4 89.0



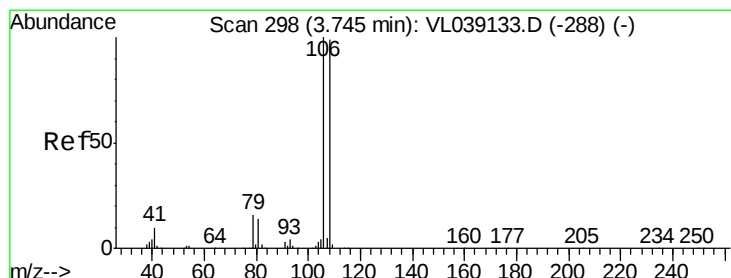
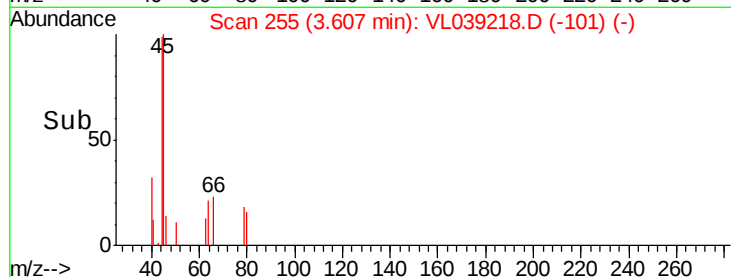
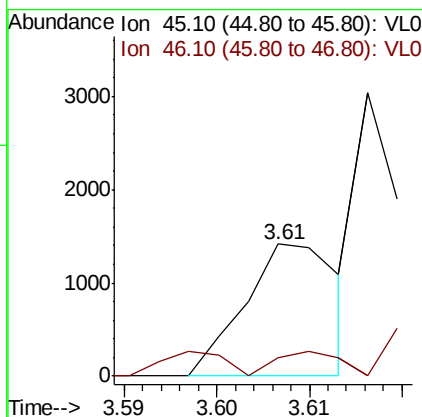
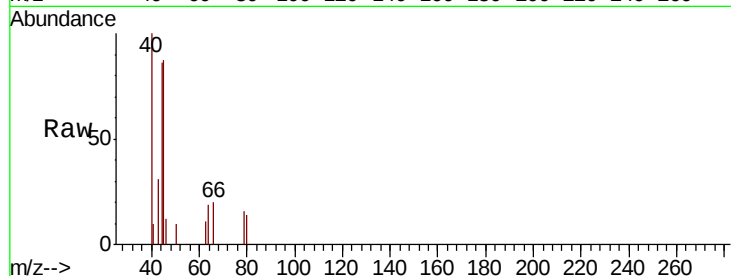


#13
Ethanol
Concen: 0.426 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 7 Jun 2022 20:55
LOD-MDL-AIR-01-QT2-2022

Tot Ion:
Ion Ratio
45 100
46 0.

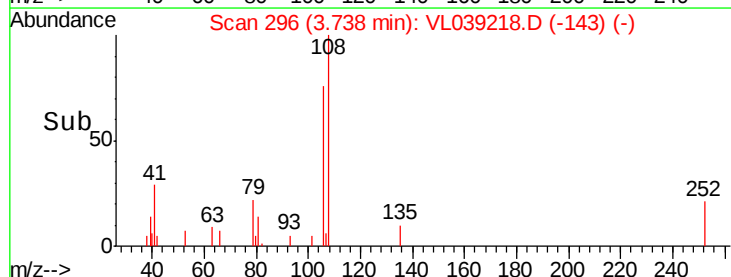
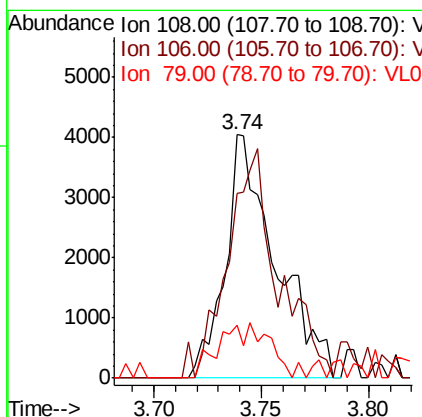
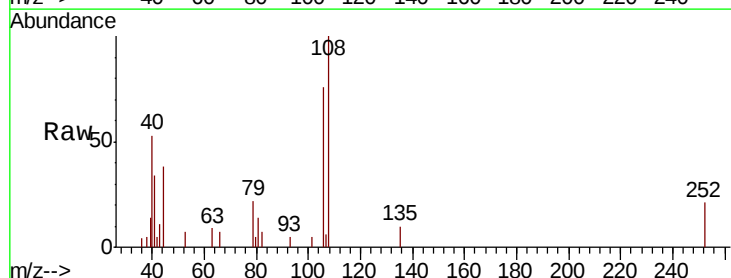
Manual Integrations
APPROVED

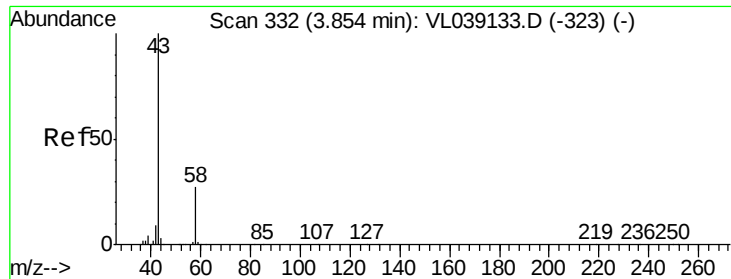
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#14
Bromoethene
Concen: 0.183 ppbv m
RT: 3.74 min Scan# 296
Delta R.T. -0.01 min
Lab File: VL039218.D
Acq: 7 Jun 2022 20:55

Tgt Ion:108 Resp: 6639
Ion Ratio Lower Upper
108 100
106 104.0 88.4 132.6
79 24.4 13.4 20.2#





#15

Acetone

Concen: 0.285 ppbv m

RT: 3.87

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55

Manual Integrations

APPROVED

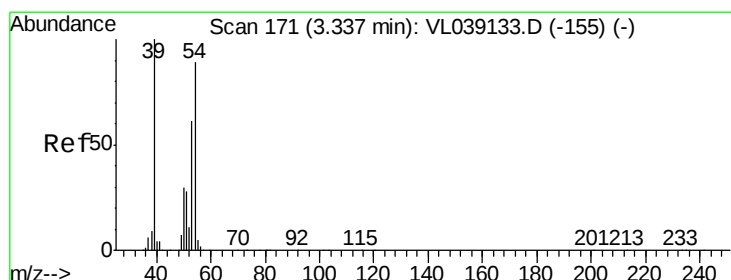
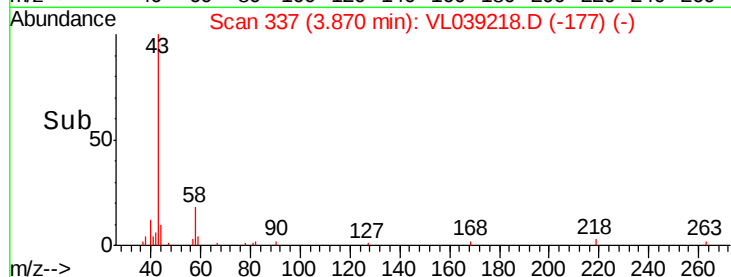
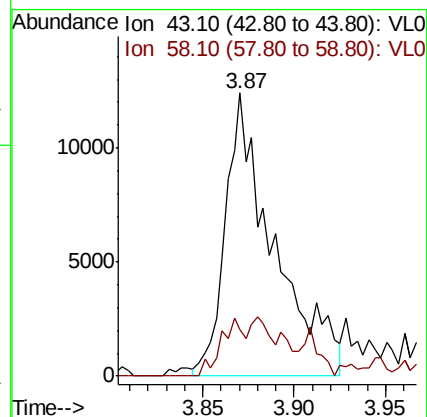
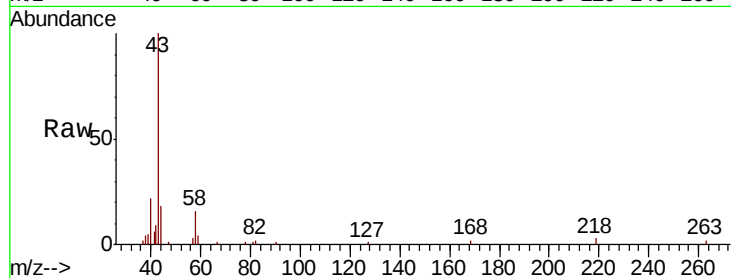
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

Tot Ion:

Ion Ratio

43 100

58 30.



#16

1,3-Butadiene

Concen: 0.195 ppbv m

RT: 3.33 min Scan# 169

Delta R.T. -0.01 min

Lab File: VL039218.D

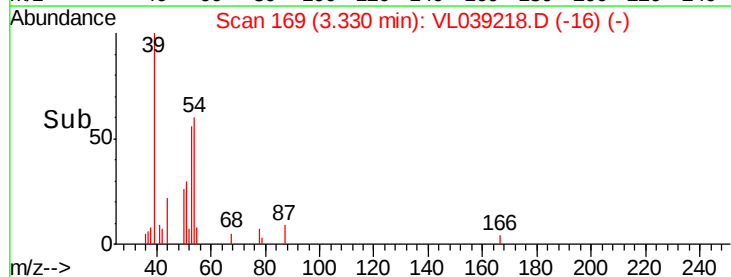
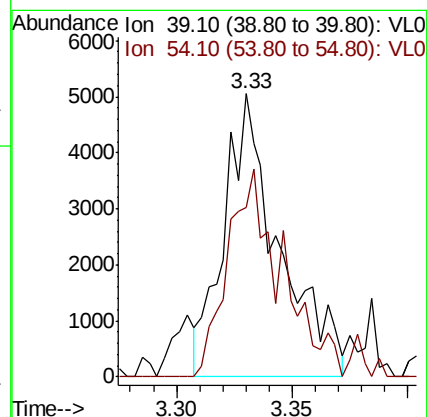
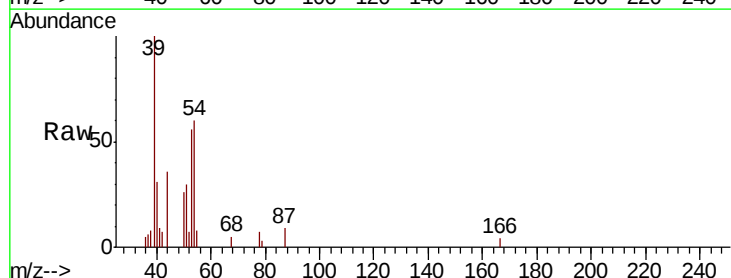
Acq: 7 Jun 2022 20:55

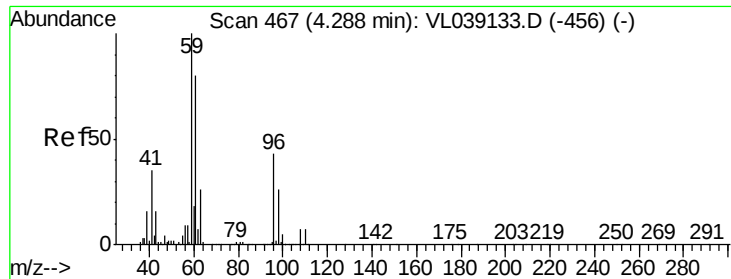
Tgt Ion: 39 Resp: 8384

Ion Ratio Lower Upper

39 100

54 75.8 65.8 98.6





#17

tert-Butyl alcohol

Concen: 0.149 ppbv m

RT: 4.32 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

59 100

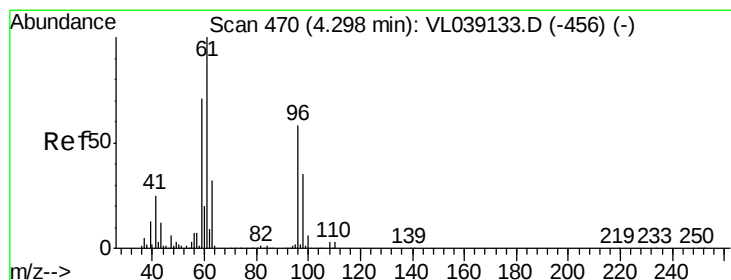
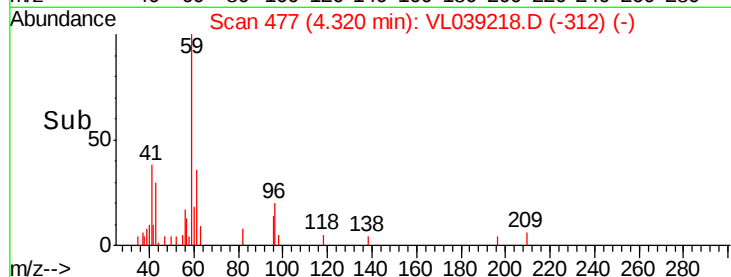
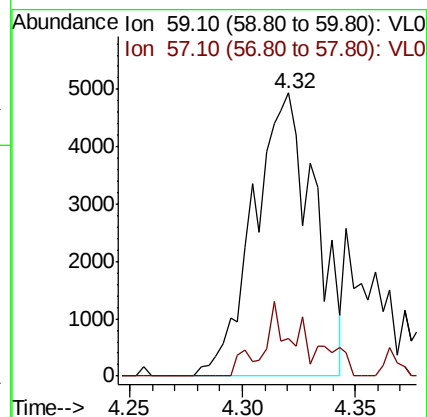
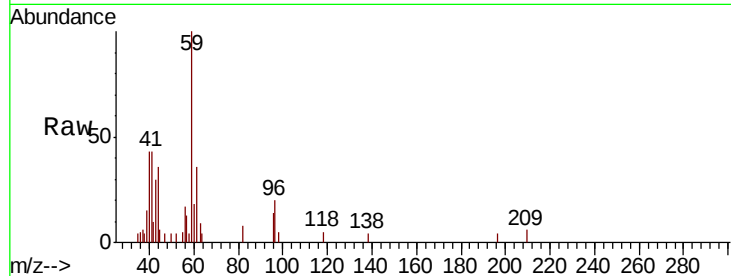
57 20.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#18

1,1-Dichloroethene

Concen: 0.229 ppbv m

RT: 4.29 min Scan# 468

Delta R.T. -0.01 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

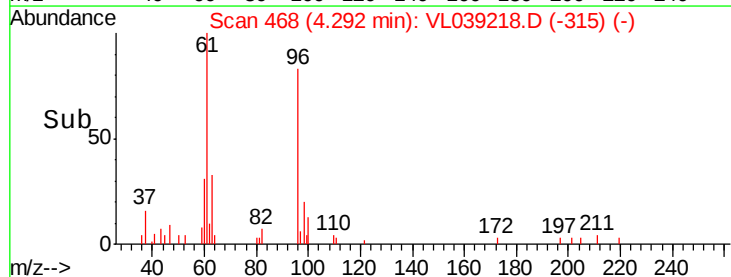
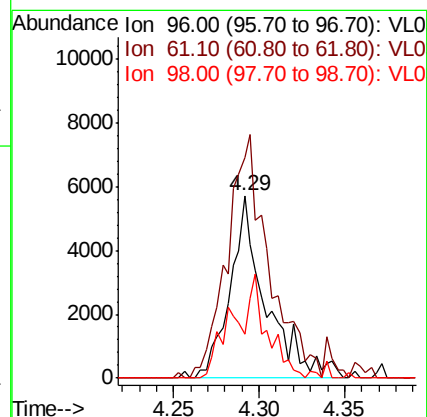
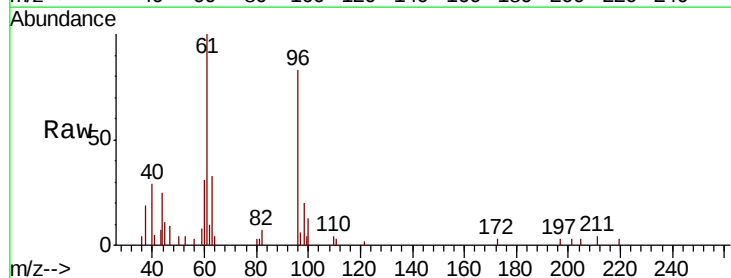
Tgt Ion: 96 Resp: 8281

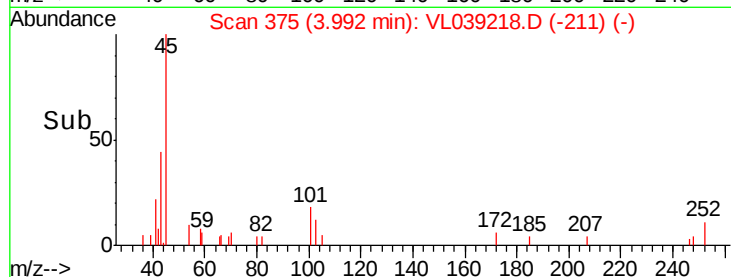
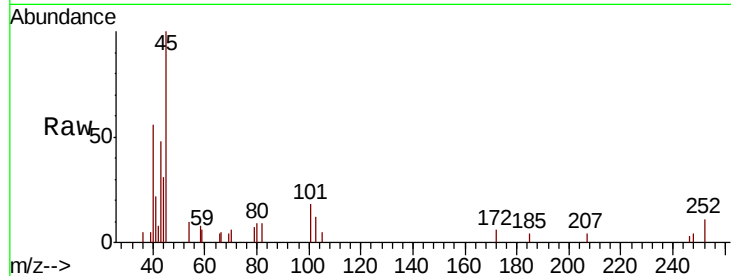
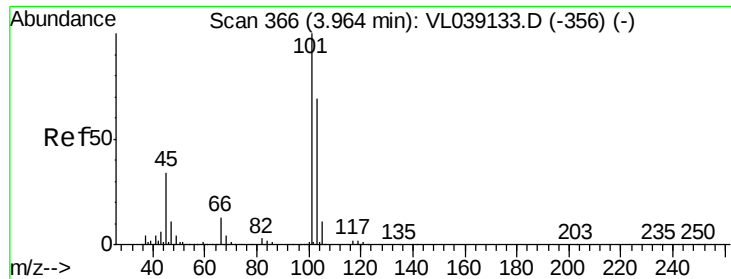
Ion Ratio Lower Upper

96 100

61 120.7 138.4 207.6#

98 23.8 47.8 71.8#





#19

Isopropyl Alcohol

Concen: 0.182 ppbv m

RT: 3.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

45 100

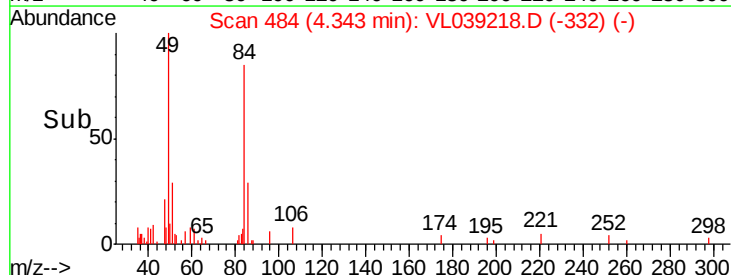
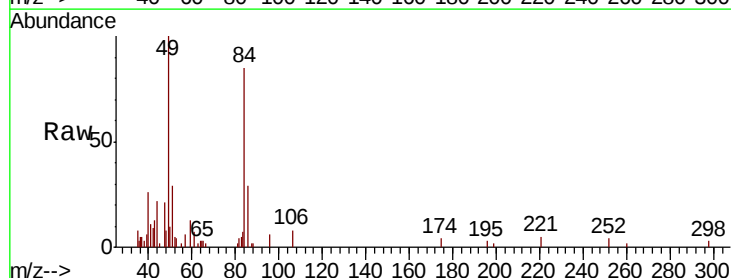
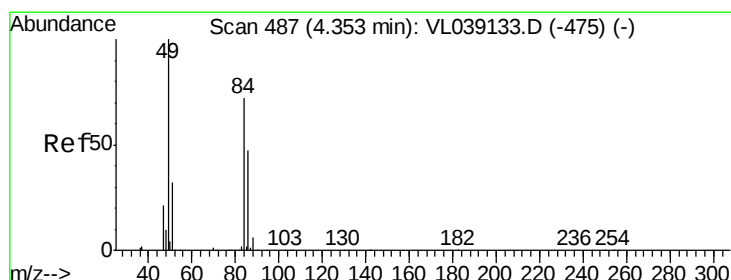
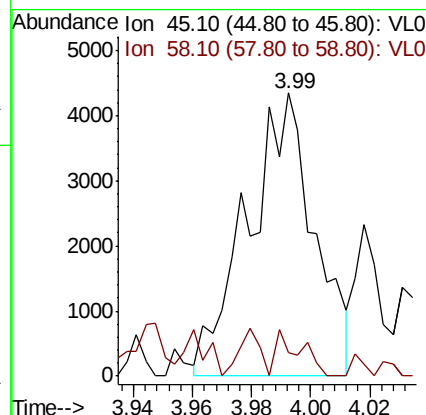
58 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#20

Methylene Chloride

Concen: 0.349 ppbv m

RT: 4.34 min Scan# 484

Delta R.T. -0.01 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

Tgt Ion: 84 Resp: 11771

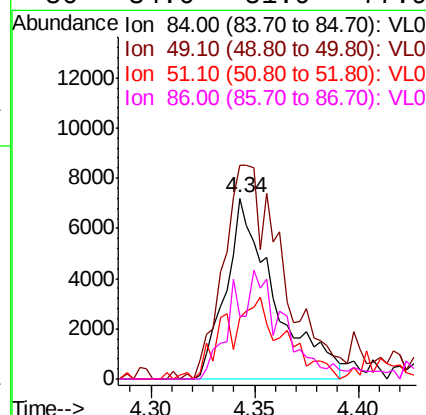
Ion Ratio Lower Upper

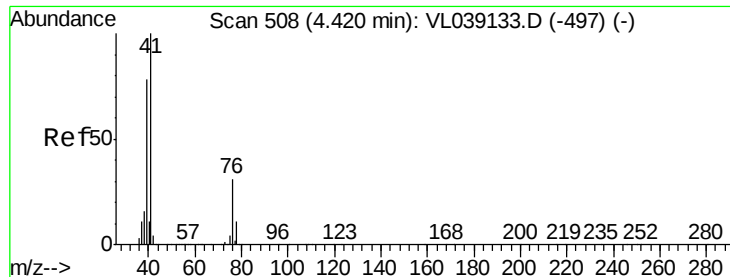
84 100

49 118.0 111.1 166.7

51 33.9 35.3 52.9#

86 34.6 51.9 77.9#





#21

Allvl Chloride

Concen: 0.163 ppbv m

RT: 4.42 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

41 100

76 32.

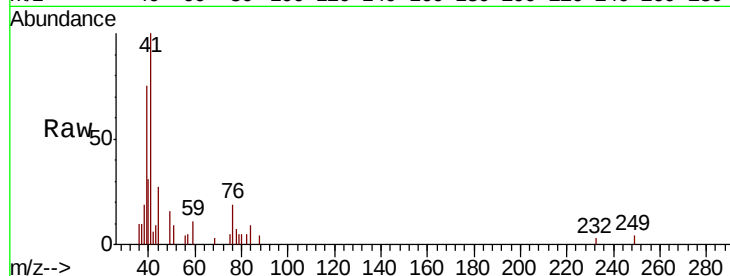
39 85.

Manual Integrations

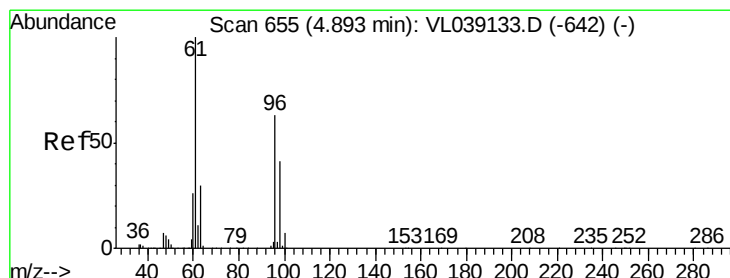
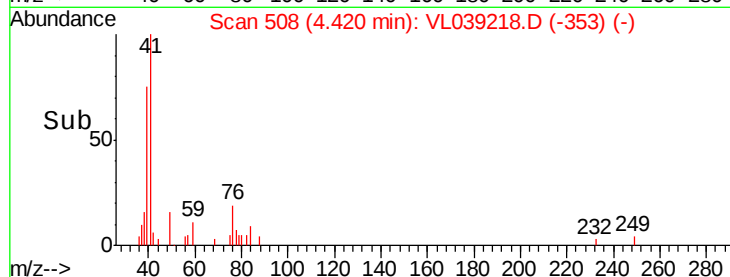
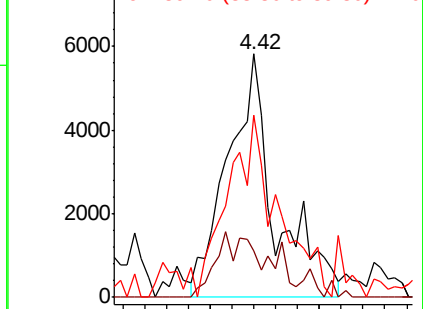
APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 0.158 ppbv m

RT: 4.90 min Scan# 656

Delta R.T. 0.00 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

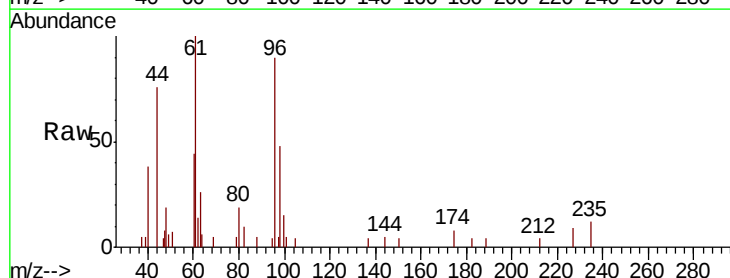
Tgt Ion: 96 Resp: 5514

Ion Ratio Lower Upper

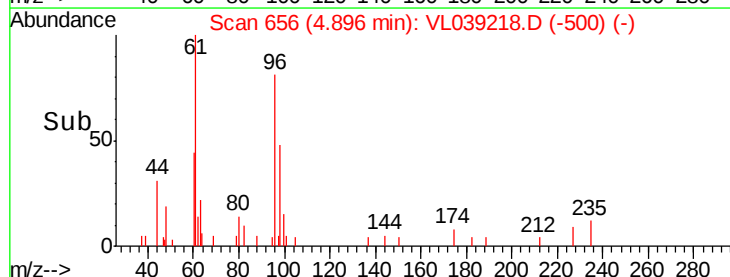
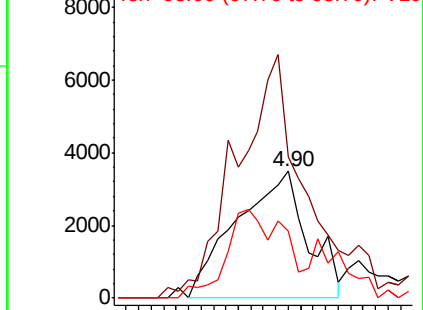
96 100

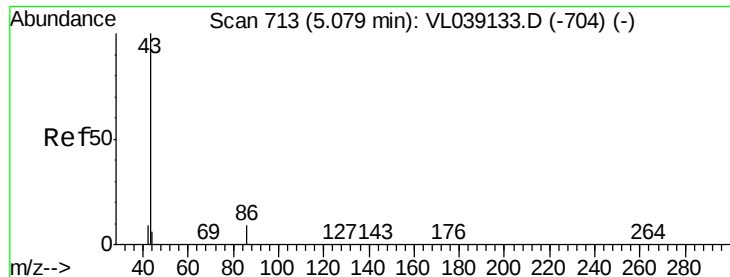
61 111.0 126.6 190.0#

98 53.1 52.5 78.7



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 0.153 ppbv m

RT: 5.08 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

43 100

86 0.

42 19.

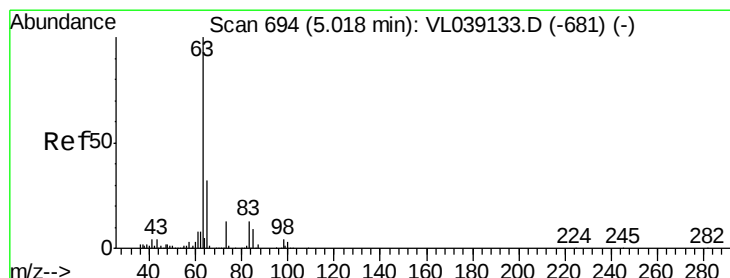
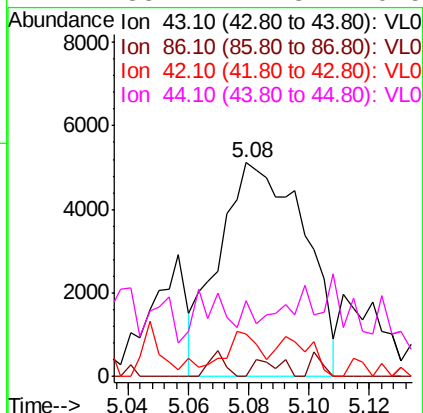
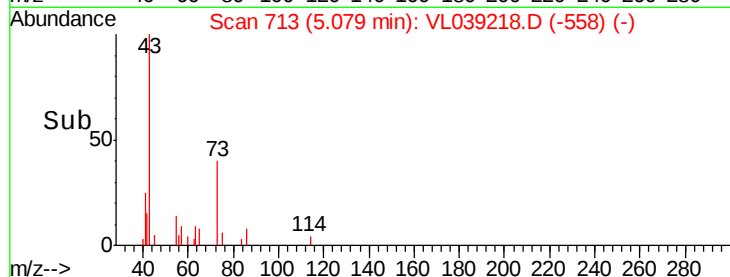
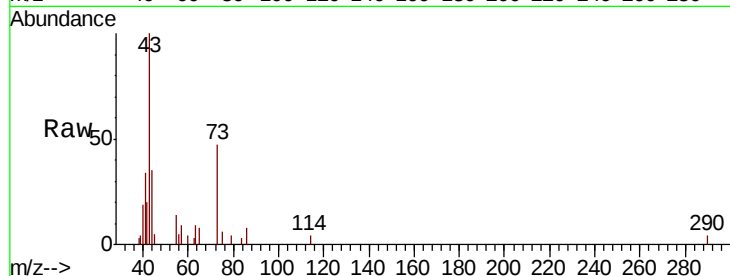
44 35.2 4.3 6.5#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#24

1,1-Dichloroethane

Concen: 0.169 ppbv m

RT: 5.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

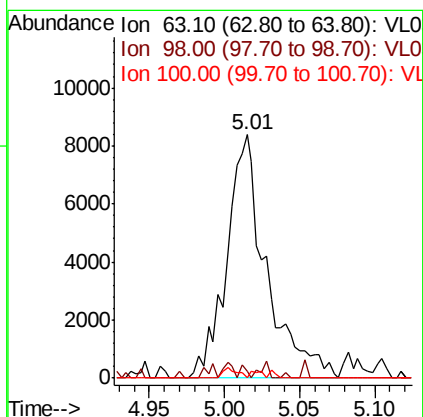
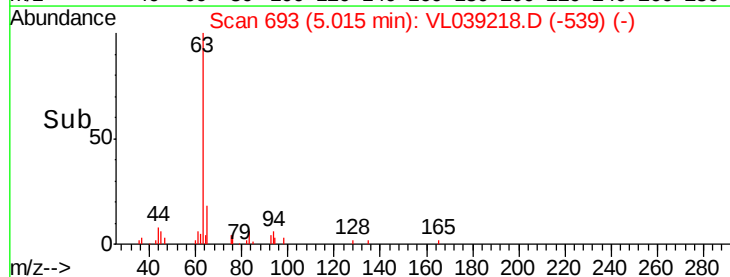
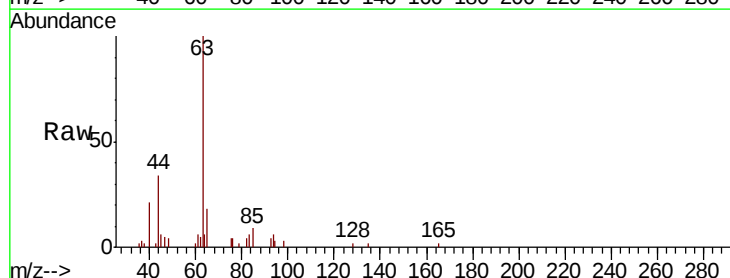
Tgt Ion: 63 Resp: 15360

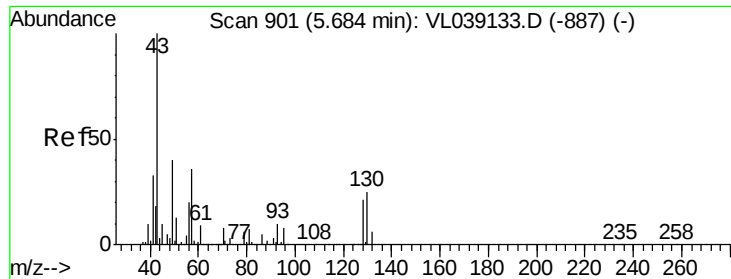
Ion Ratio Lower Upper

63 100

98 2.9 2.1 6.2

100 0.0 1.5 4.5#



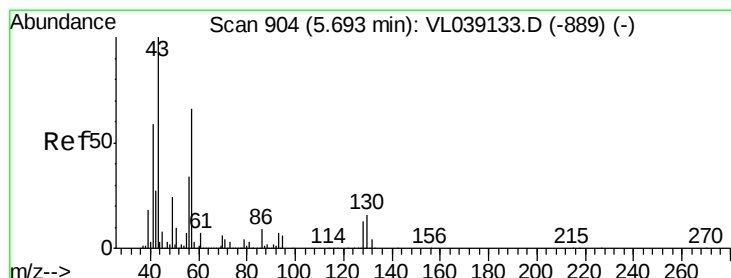
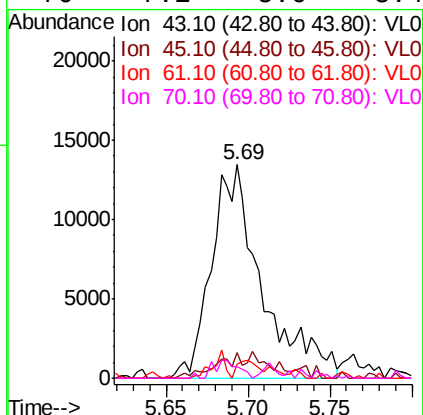
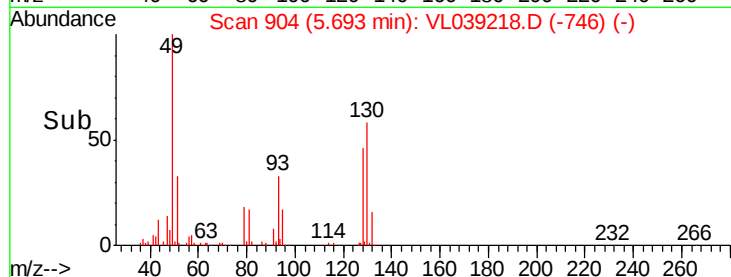
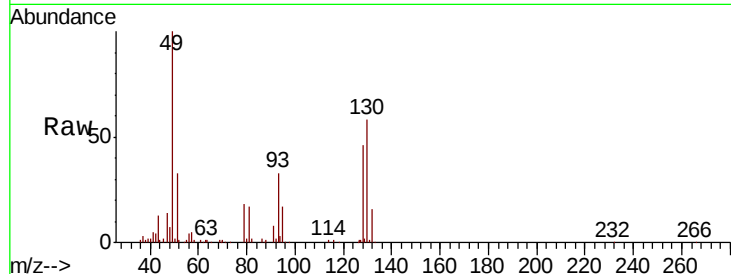


#25
Ethyl Acetate
Concen: 0.157 ppbv m
RT: 5.69
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId:
Acq: 7 Jun 2022 20:55
LOD-MDL-AIR-01-QT2-2022

Tot Ion:
Ion Ratio
43 100
45 0.
61 9.
70 7.1 5.6 8.4

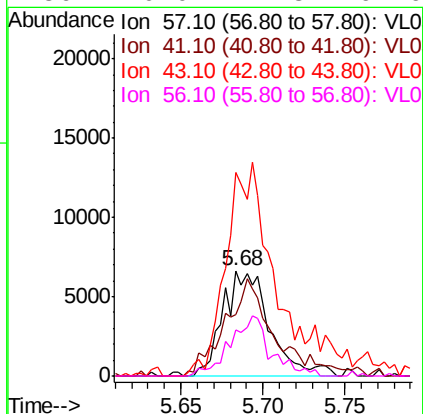
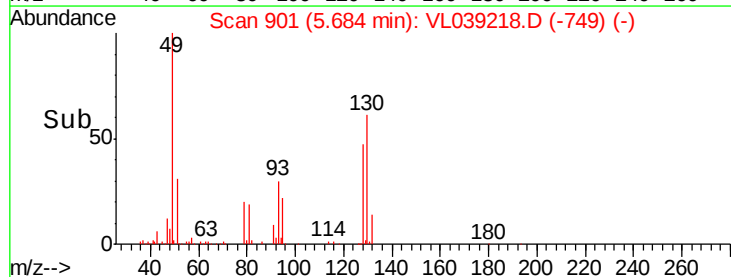
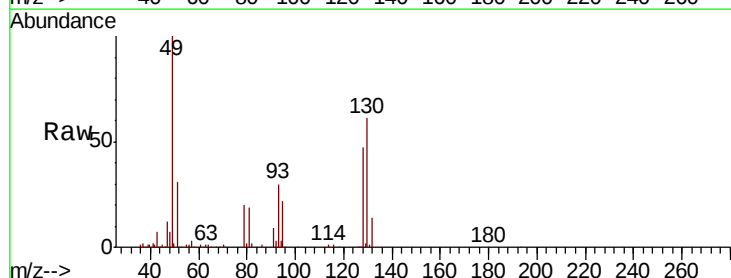
Manual Integrations
APPROVED

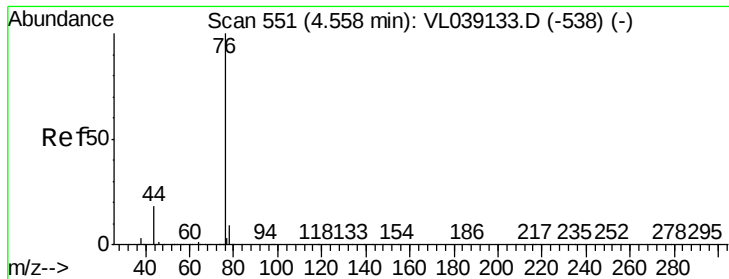
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#26
Hexane
Concen: 0.165 ppbv m
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL039218.D
Acq: 7 Jun 2022 20:55

Tgt Ion: 57 Resp: 13072
Ion Ratio Lower Upper
57 100
41 0.0 72.4 108.6#
43 0.0 187.0 280.6#
56 0.0 41.8 62.6#



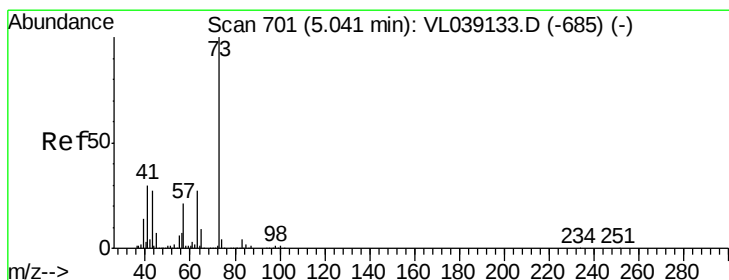
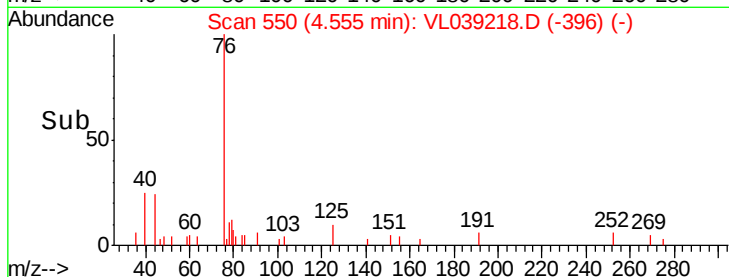
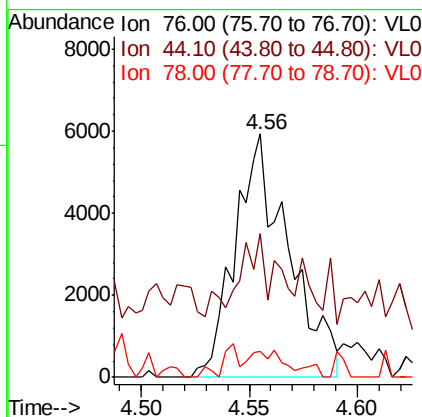
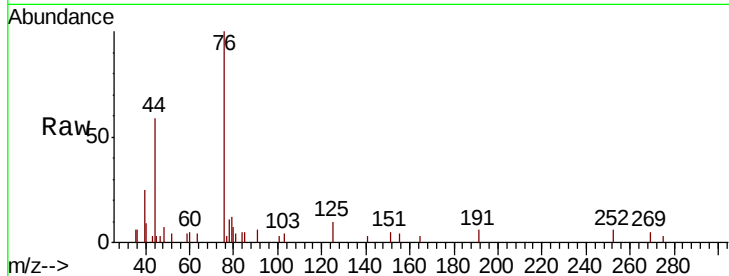


#27
Carbon Disulfide
Concen: 0.125 ppbv m
RT: 4.56
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId:
Acq: 7 Jun 2022 20:55
LOD-MDL-AIR-01-QT2-2022

Tot Ion:
Ion Ratio
76 100
44 41.
78 11.

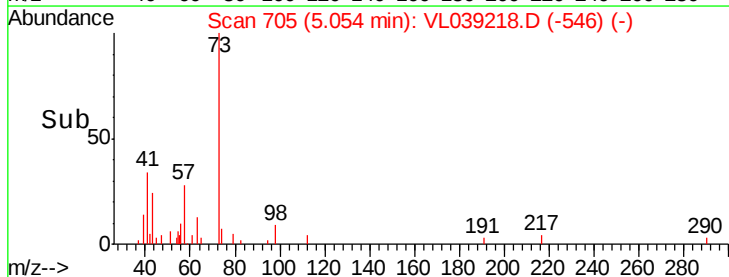
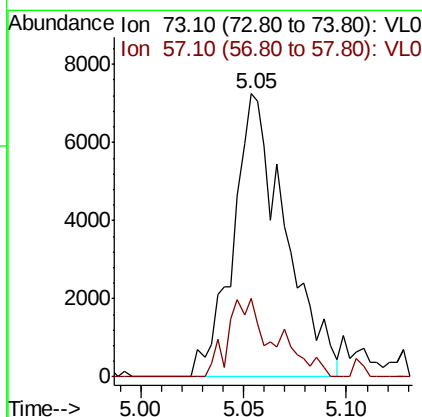
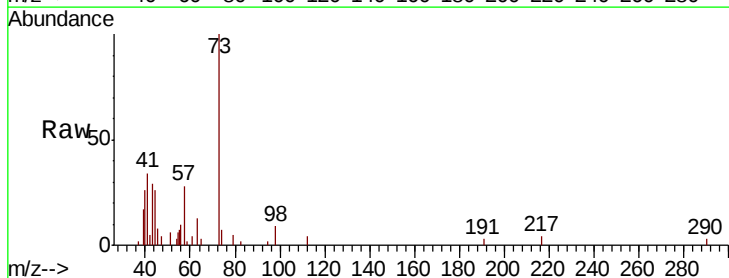
Manual Integrations
APPROVED

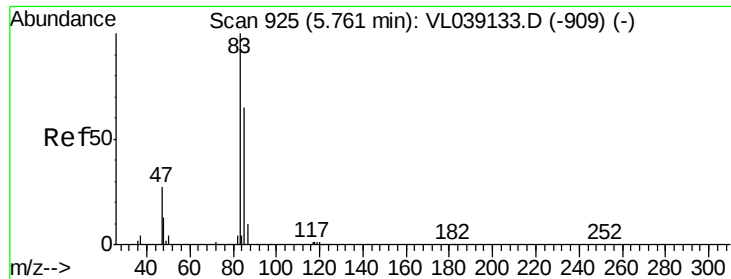
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#28
Methyl tert-Butyl Ether
Concen: 0.146 ppbv m
RT: 5.05 min Scan# 705
Delta R.T. 0.01 min
Lab File: VL039218.D
Acq: 7 Jun 2022 20:55

Tgt Ion: 73 Resp: 12793
Ion Ratio Lower Upper
73 100
57 0.0 18.6 27.8#





#29

Chloroform

Concen: 0.168 ppbv m

RT: 5.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-OT2-2022

Tot Ion:

Ion Ratio

83 100

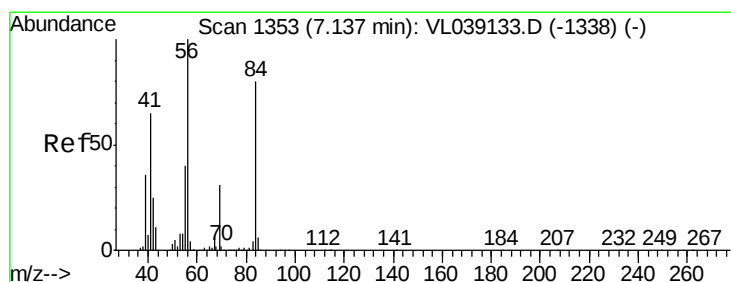
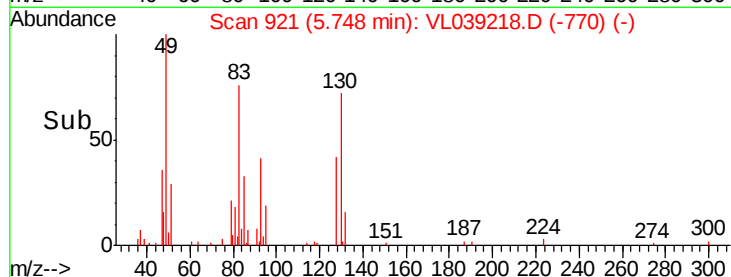
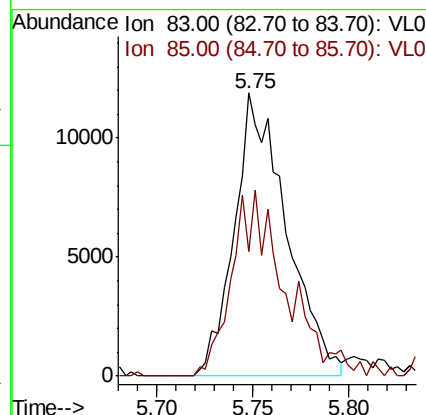
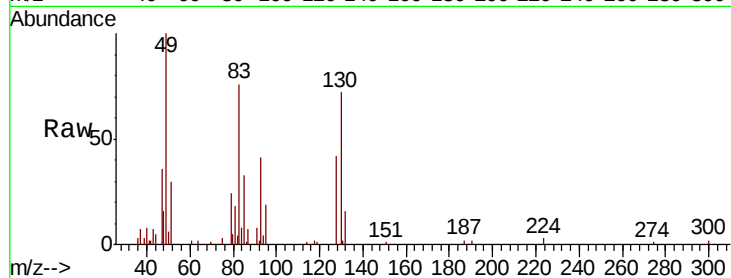
85 43.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#30

Cyclohexane

Concen: 0.205 ppbv m

RT: 7.13 min Scan# 1351

Delta R.T. -0.01 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

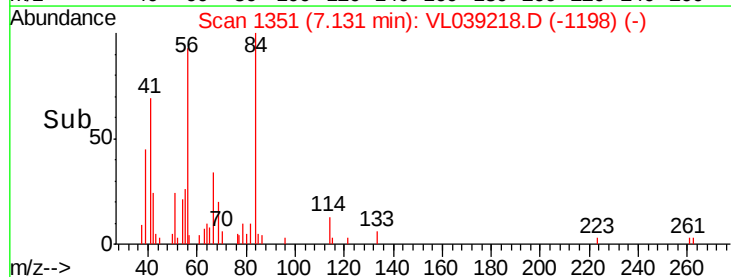
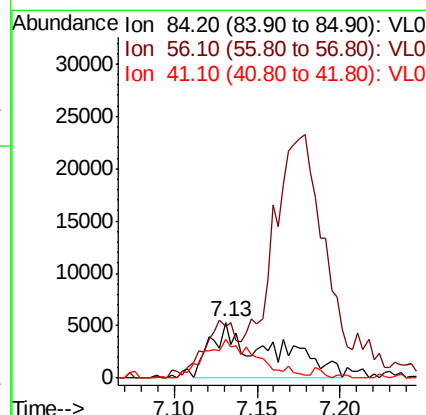
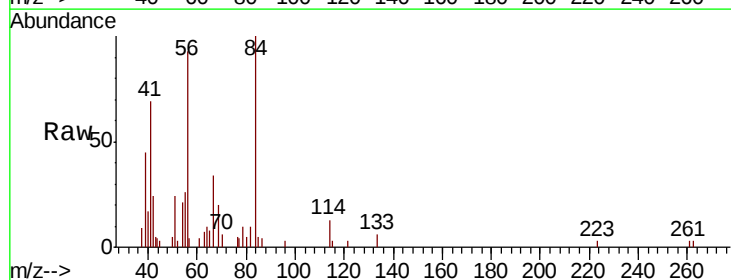
Tgt Ion: 84 Resp: 13644

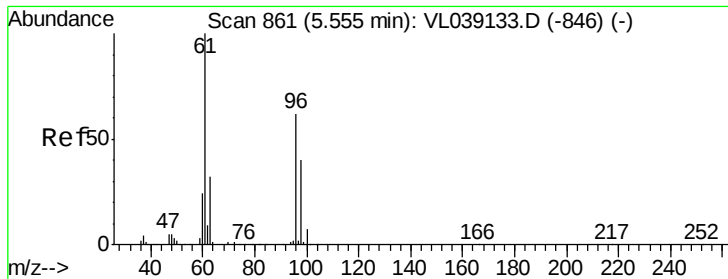
Ion Ratio Lower Upper

84 100

56 0.0 110.6 165.8#

41 63.3 68.9 103.3#





#31

cis-1,2-Dichloroethene

Concen: 0.140 ppbv m

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

61 100

96 84.

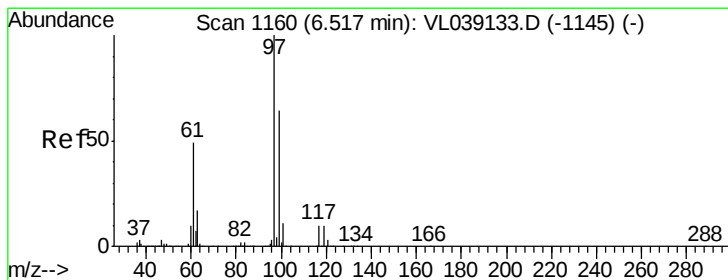
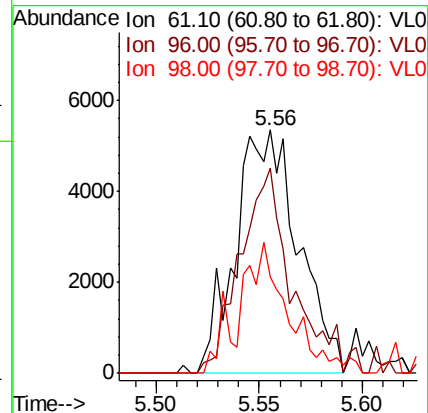
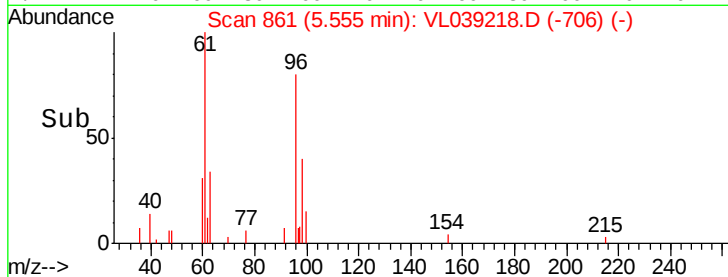
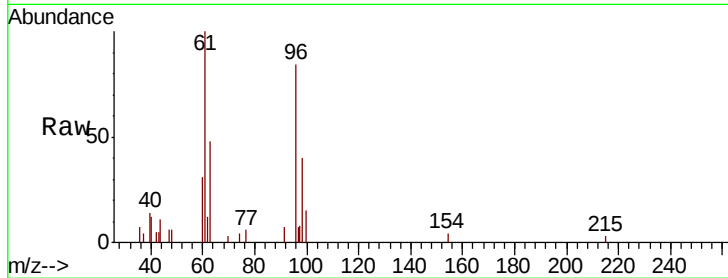
98 39.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#32

1,1,1-Trichloroethane

Concen: 0.154 ppbv m

RT: 6.51 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

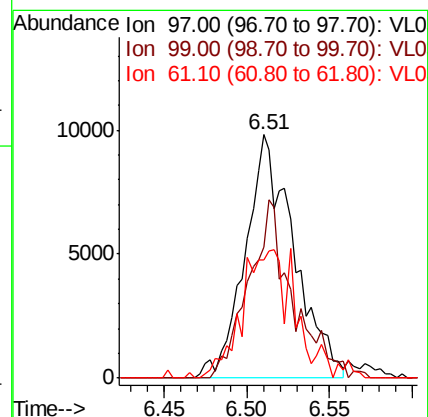
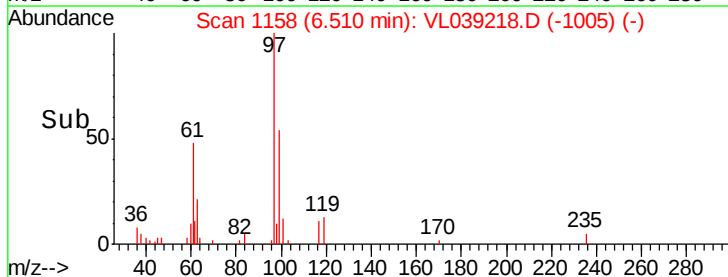
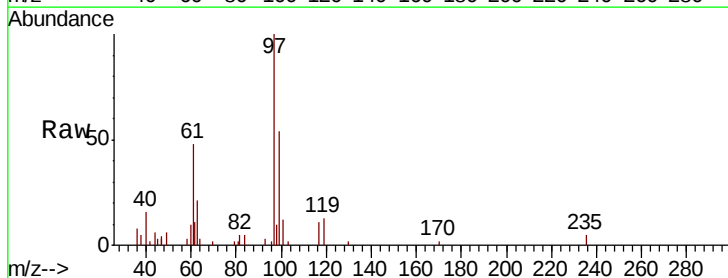
Tgt Ion: 97 Resp: 20113

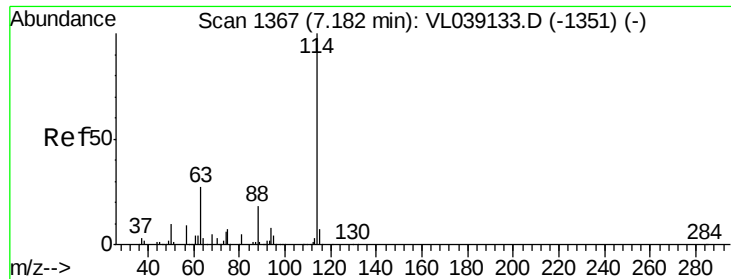
Ion Ratio Lower Upper

97 100

99 66.0 52.1 78.1

61 0.0 40.0 60.0#



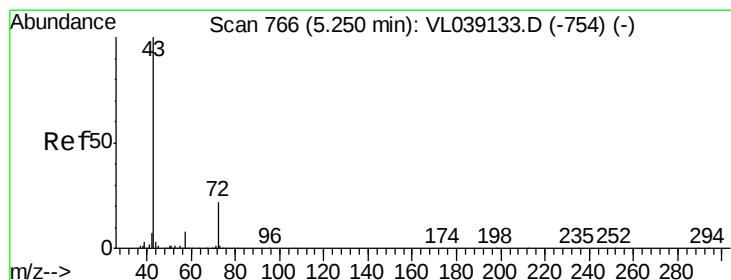
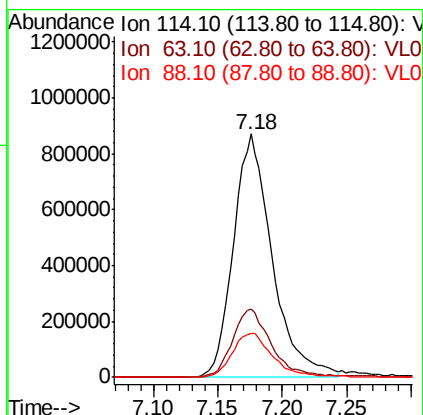
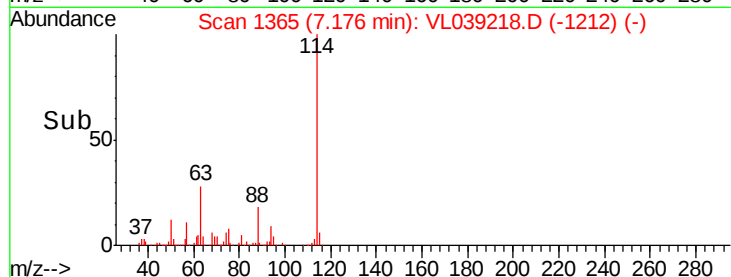
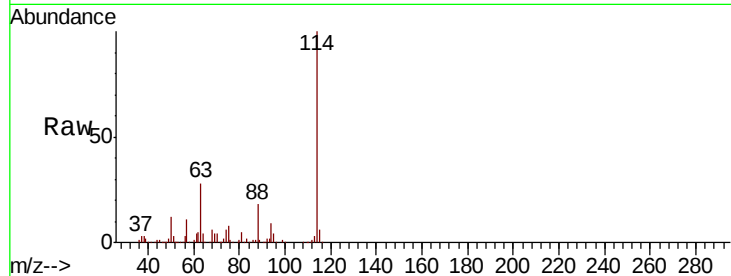


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 20:55

Tot Ion: 1
 Ion Ratio
 114 100
 63 28.
 88 19.

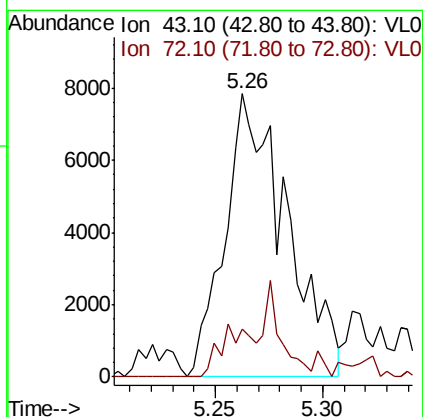
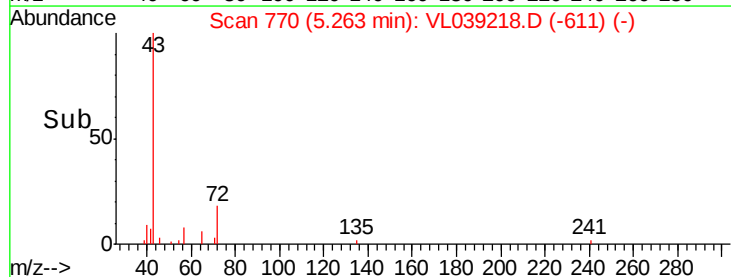
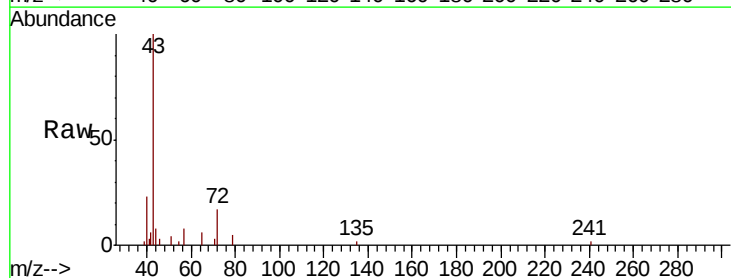
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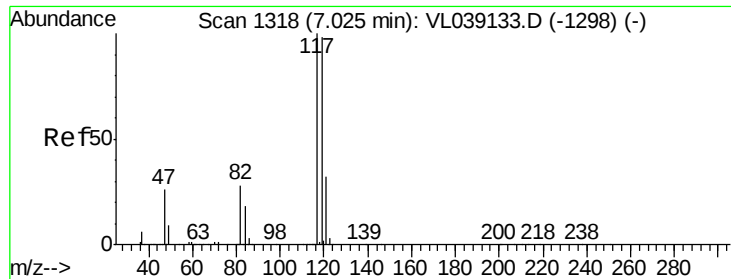
Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022



#34
 2-Butanone
 Concen: 0.158 ppbv m
 RT: 5.26 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: VL039218.D
 Acq: 7 Jun 2022 20:55

Tgt Ion: 43 Resp: 15678
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.2 27.2#





#35

Carbon Tetrachloride

Concen: 0.145 ppbv m

RT: 7.02 Instrument:

Delta R.T. MSVOA_L

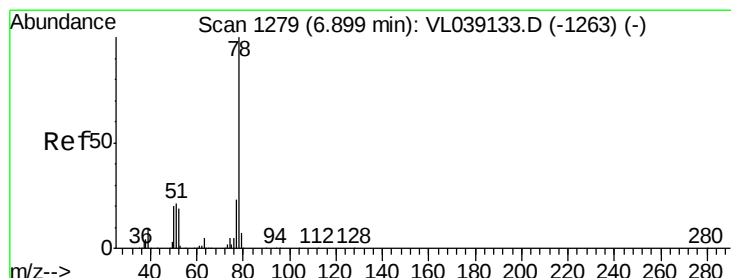
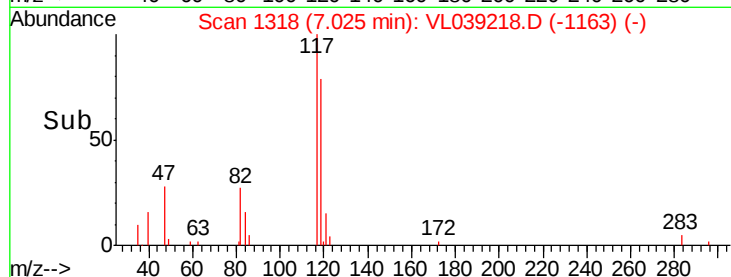
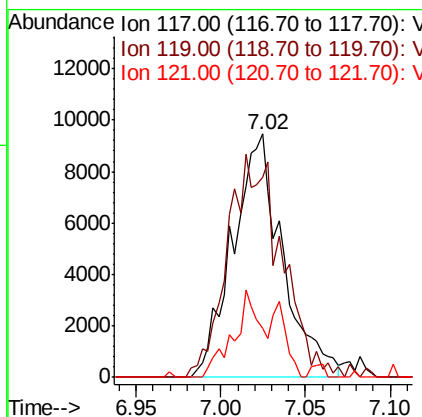
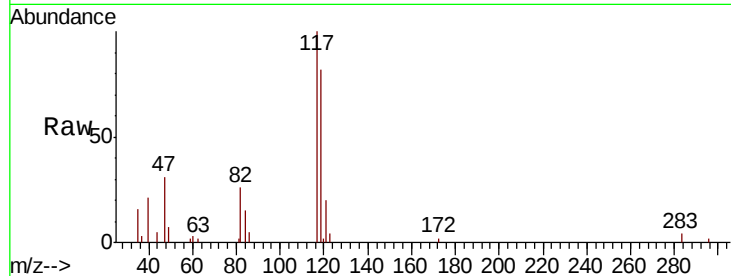
Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1
Ion Rati
117 100
119 82.
121 20.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#36

Benzene

Concen: 0.142 ppbv

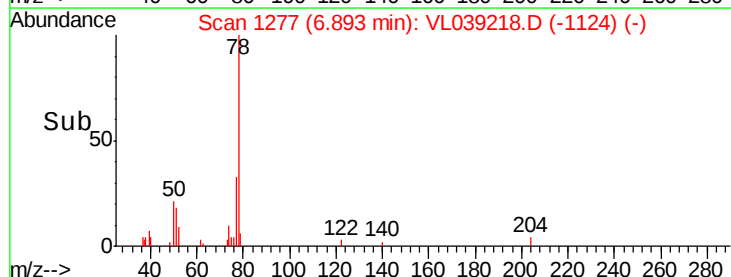
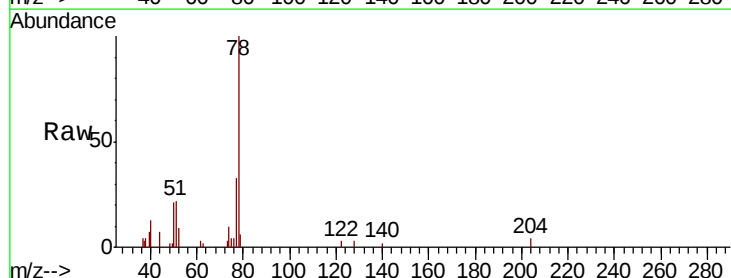
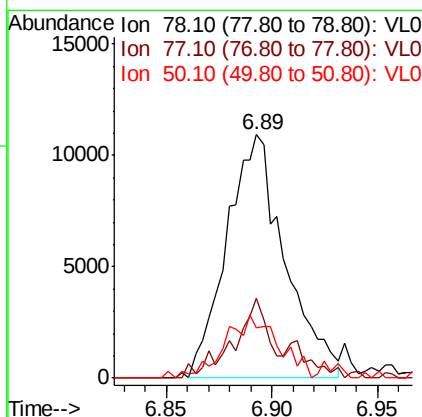
RT: 6.89 min Scan# 1277

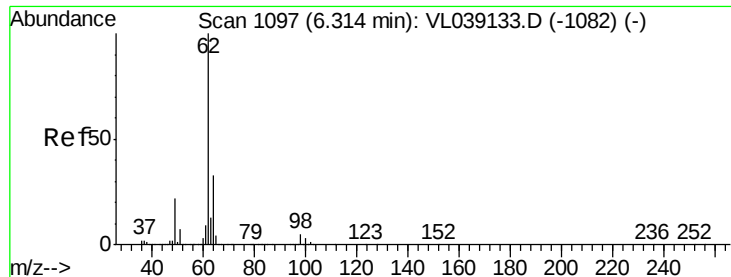
Delta R.T. -0.01 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	21018		
77	28.3		18.6	27.8#
50	19.0		15.8	23.8



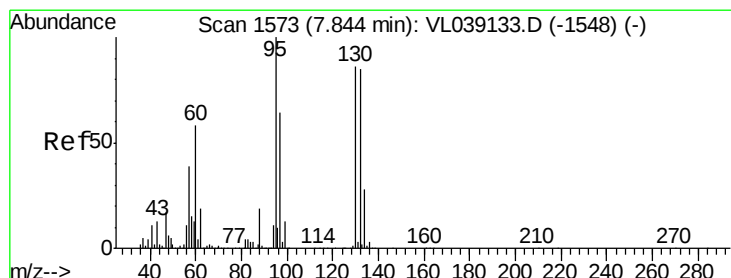
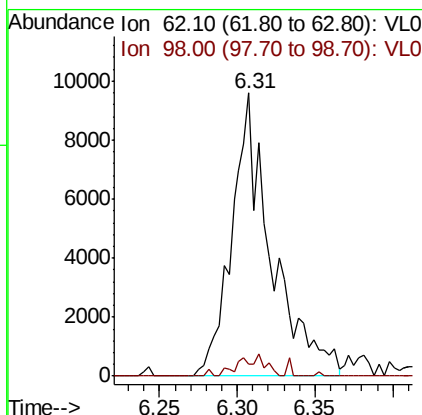
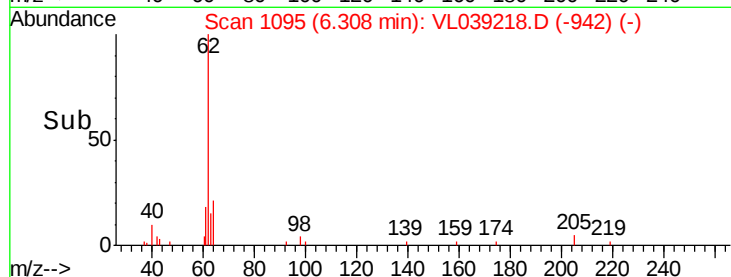
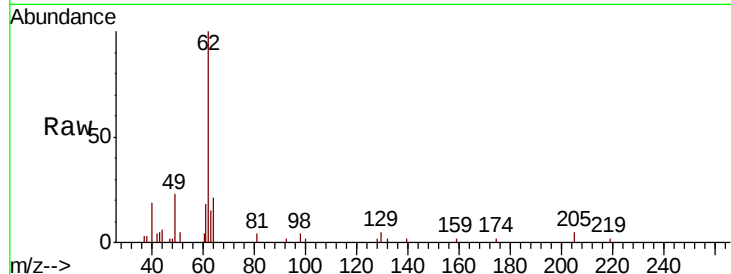


#37
 1,2-Dichloroethane
 Concen: 0.175 ppbv m
 RT: 6.31 Instrument : MSVOA_1
 Delta R.T. :
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:
 Ion Ratio
 62 100
 98 0.

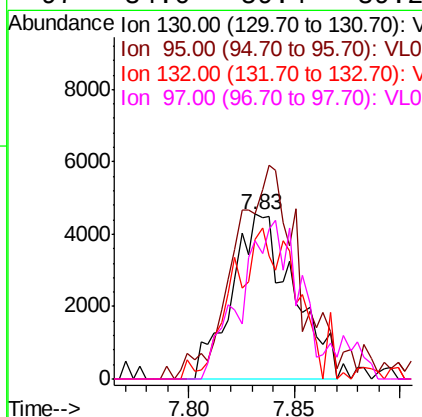
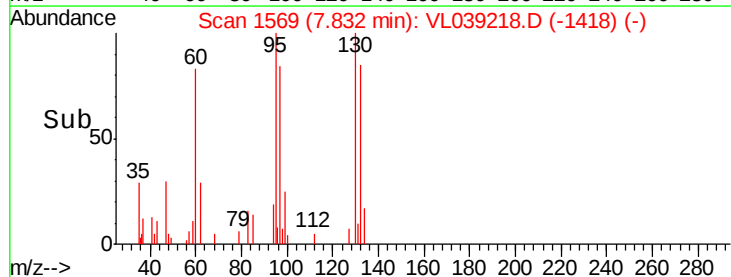
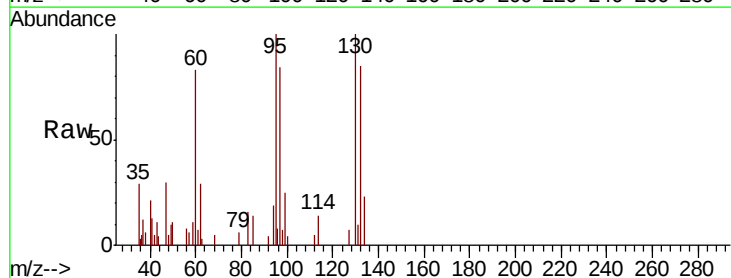
Manual Integrations
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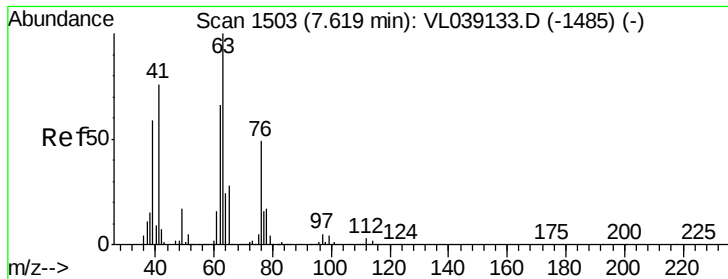
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#38
 Trichloroethene
 Concen: 0.136 ppbv m
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL039218.D
 Acq: 7 Jun 2022 20:55

Tgt Ion:130 Resp: 9219
 Ion Ratio Lower Upper
 130 100
 95 100.2 93.3 139.9
 132 85.1 79.0 118.4
 97 84.0 59.4 89.2





#39

1,2-Dichloropropane

Concen: 0.172 ppbv m

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

63 100

41 56.

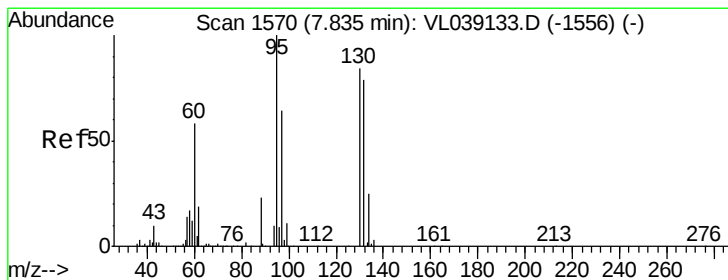
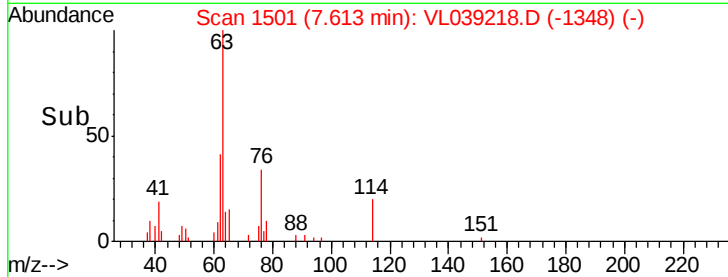
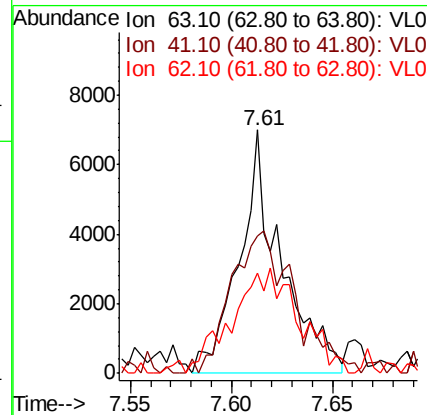
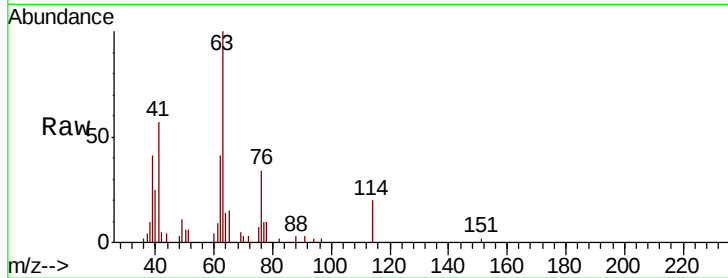
62 41.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#40

1,4-Dioxane

Concen: 0.170 ppbv m

RT: 7.89 min Scan# 1587

Delta R.T. 0.05 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

Tgt Ion: 88 Resp: 3282

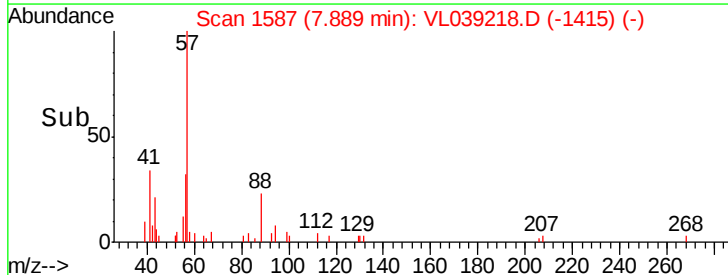
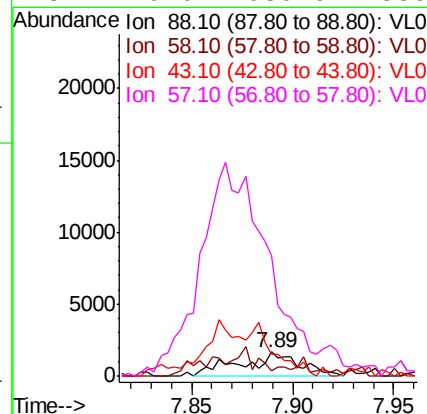
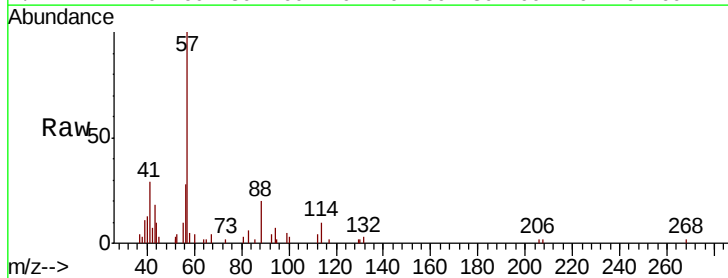
Ion Ratio Lower Upper

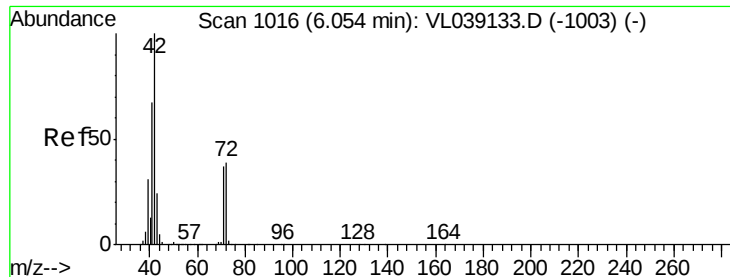
88 100

58 0.0 111.2 166.8#

43 0.0 234.2 351.4#

57 0.0 1039.9 1559.9#





#41

Tetrahydrofuran

Concen: 0.137 ppbv m

RT: 6.10 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

42 100

72 0.

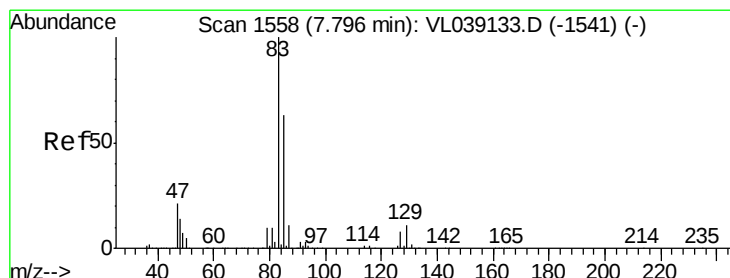
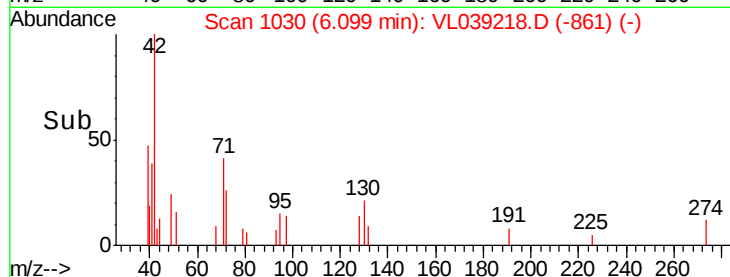
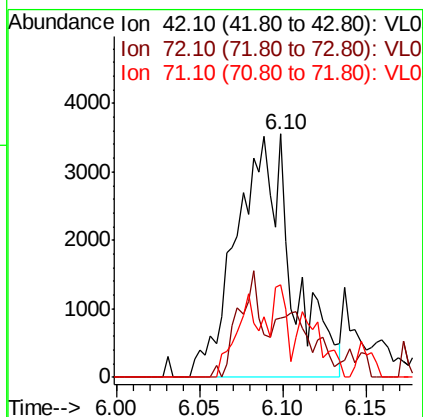
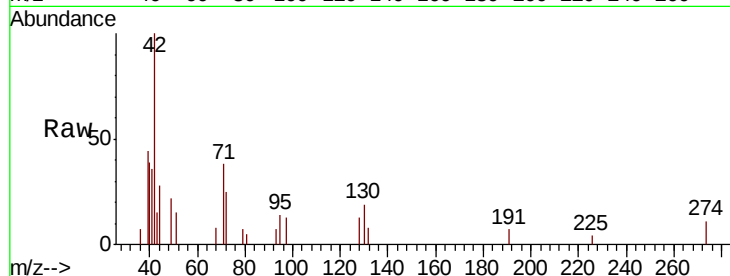
71 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#42

Bromodichloromethane

Concen: 0.118 ppbv m

RT: 7.79 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

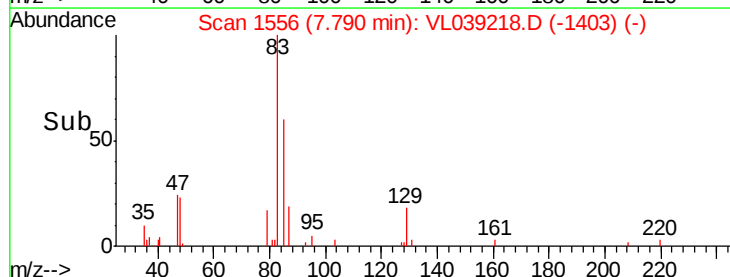
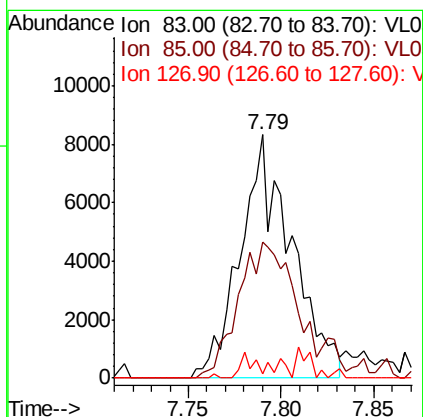
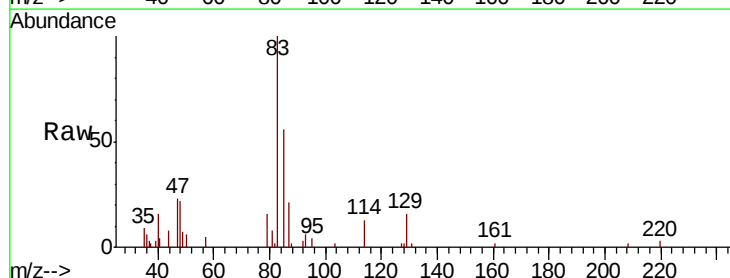
Tgt Ion: 83 Resp: 15974

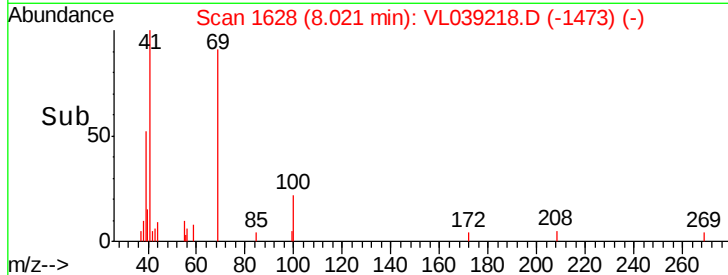
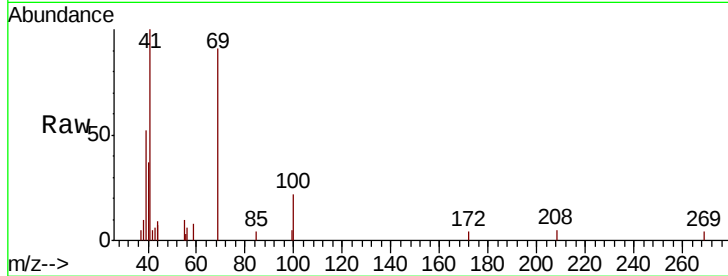
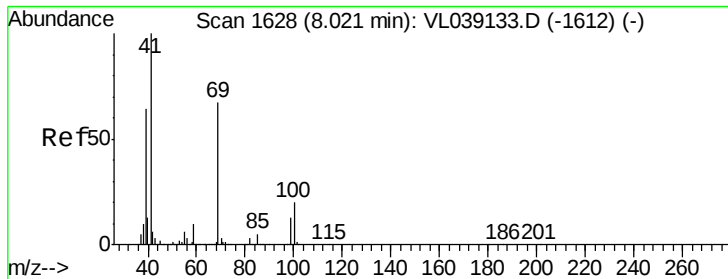
Ion Ratio Lower Upper

83 100

85 56.1 50.2 75.4

127 1.8 6.6 9.8#





#43

Methyl Methacrylate

Concen: 0.132 ppbv m

RT: 8.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

69 100

41 0.

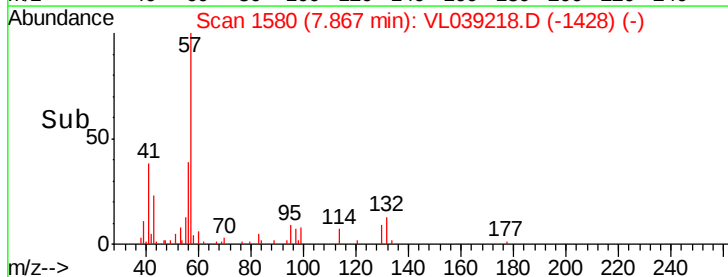
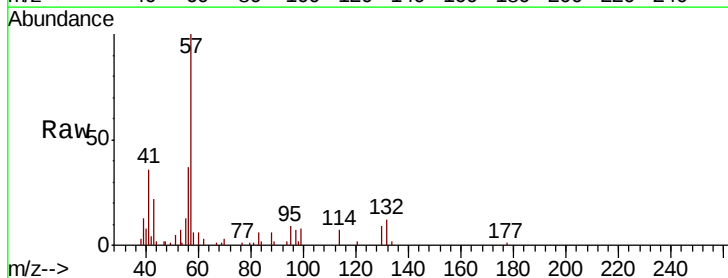
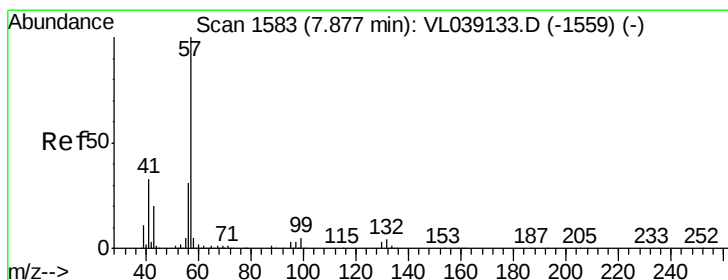
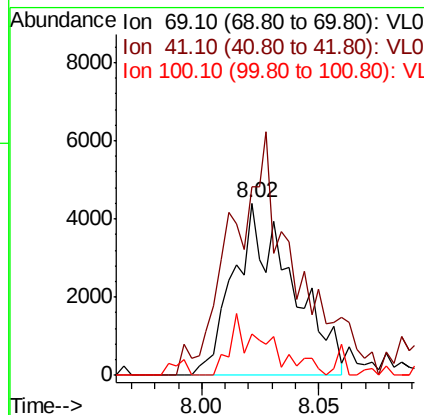
100 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#44

2,2,4-Trimethylpentane

Concen: 0.140 ppbv m

RT: 7.87 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

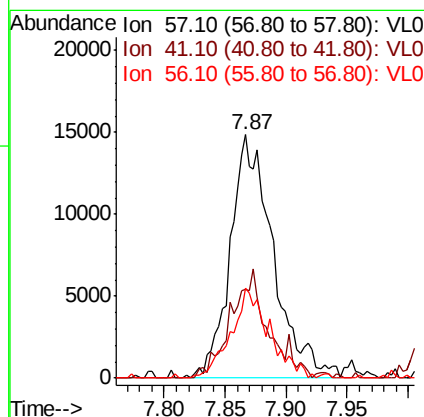
Tgt Ion: 57 Resp: 36284

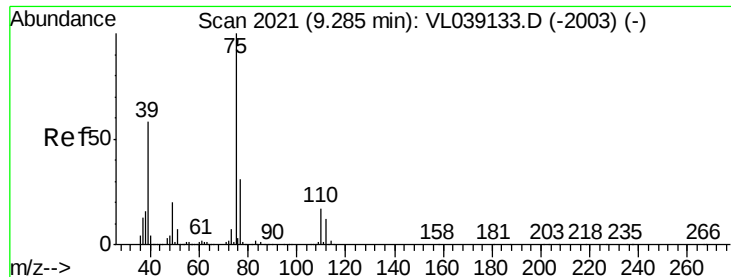
Ion Ratio Lower Upper

57 100

41 0.0 26.2 39.4#

56 33.4 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 0.092 ppbv m

RT: 9.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

75 100

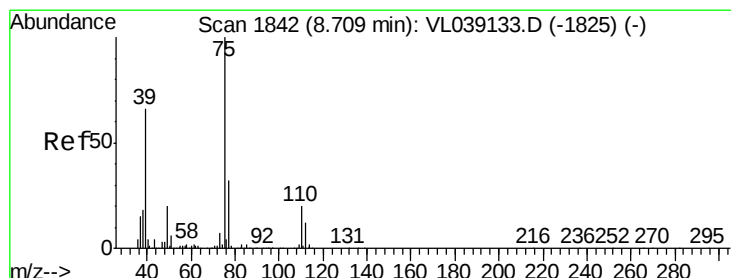
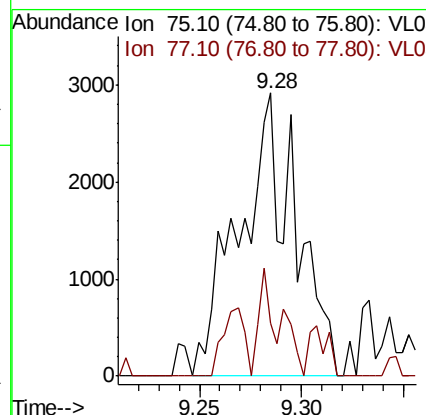
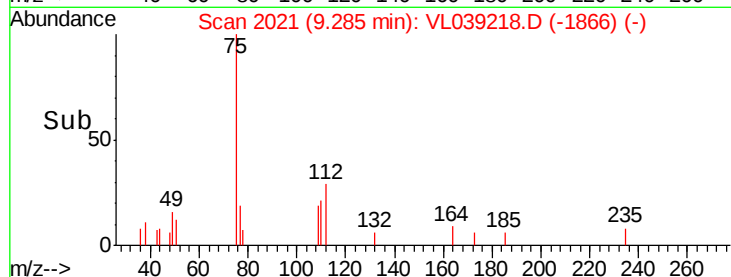
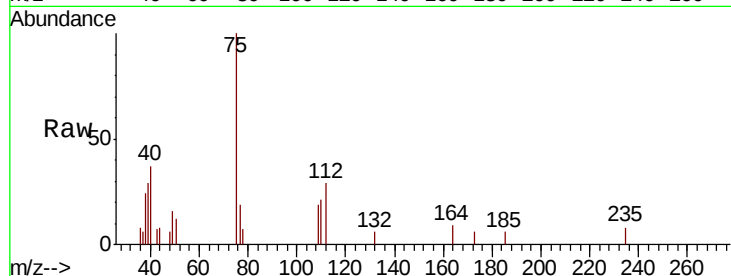
77 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#46

cis-1,3-Dichloropropene

Concen: 0.095 ppbv m

RT: 8.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

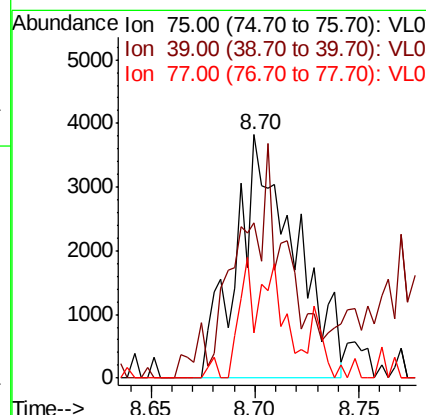
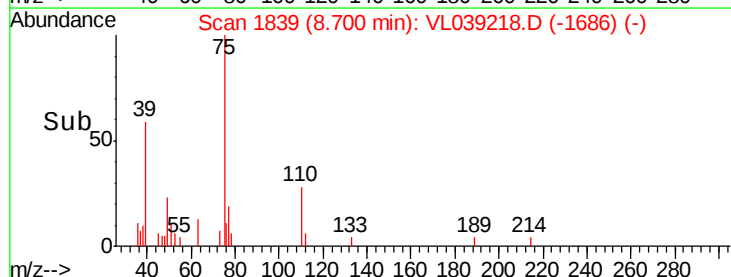
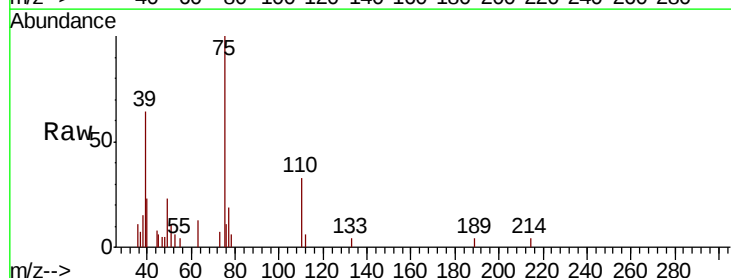
Tgt Ion: 75 Resp: 7512

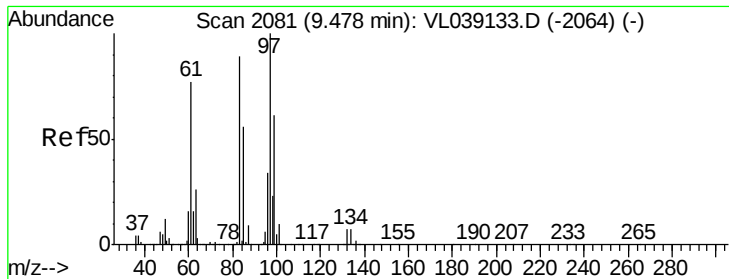
Ion Ratio Lower Upper

75 100

39 63.9 52.4 78.6

77 18.6 25.5 38.3#



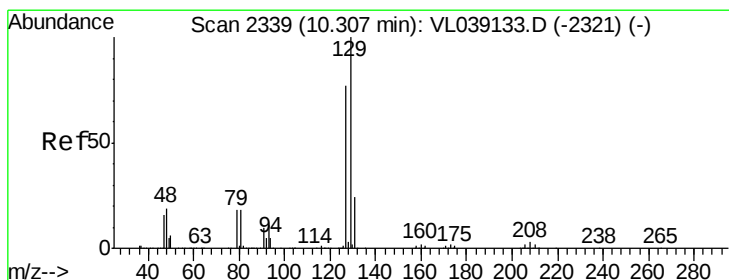
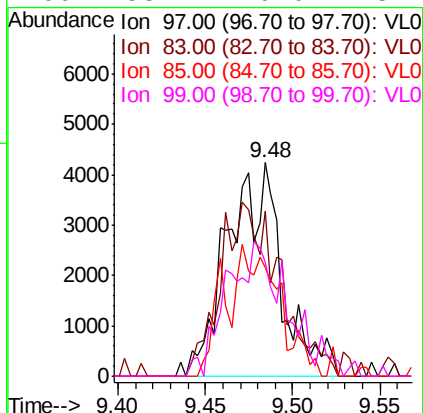
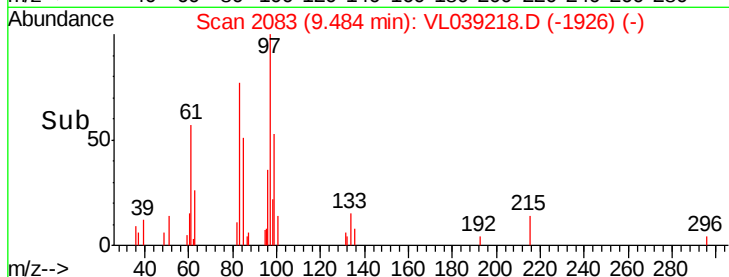
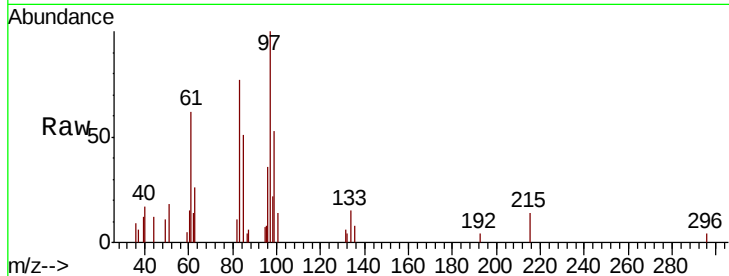


#47
 1,1,2-Trichloroethane
 Concen: 0.148 ppbv m
 RT: 9.48 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 20:55

Tot Ion:
 Ion Ratio
 97 100
 83 77.
 85 51.
 99 53.1 49.0 73.4

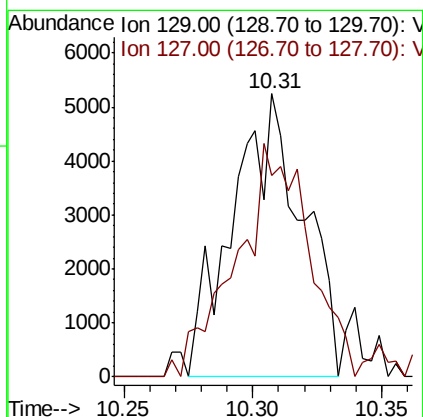
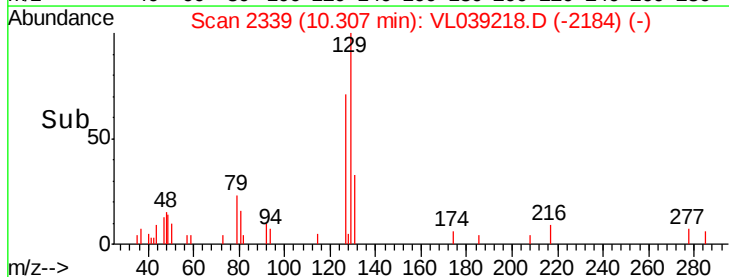
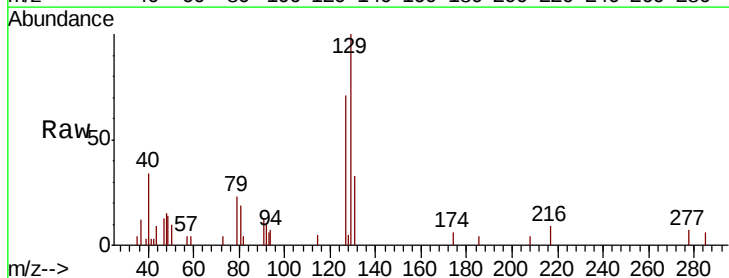
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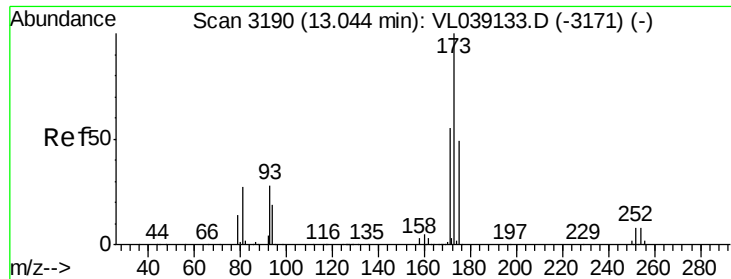
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#48
 Dibromochloromethane
 Concen: 0.091 ppbv m
 RT: 10.31 min Scan# 2339
 Delta R.T. -0.00 min
 Lab File: VL039218.D
 Acq: 7 Jun 2022 20:55

Tgt Ion:129 Resp: 9945
 Ion Ratio Lower Upper
 129 100
 127 0.0 40.0 119.9#





#49

Bromoform

Concen: 0.072 ppbv m

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1

Ion Rati

173 100

175 0.

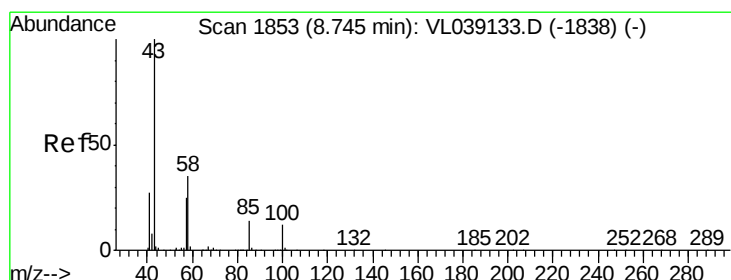
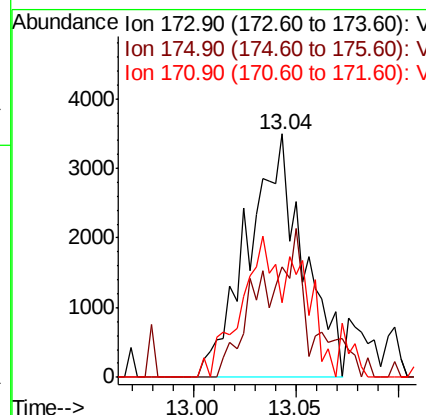
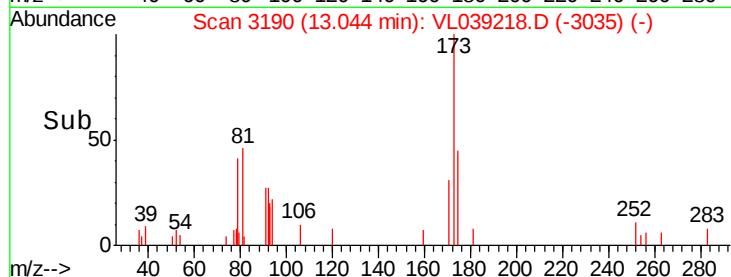
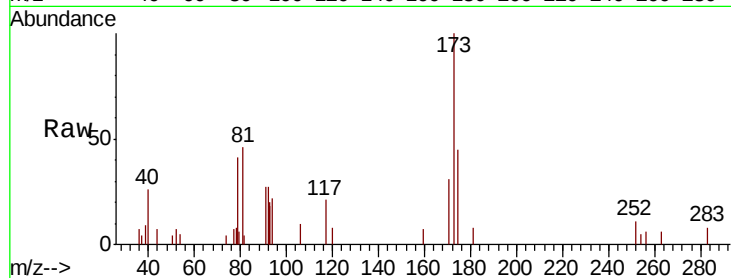
171 67.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#50

4-Methyl-2-Pentanone

Concen: 0.124 ppbv m

RT: 8.77 min Scan# 1862

Delta R.T. 0.03 min

Lab File: VL039218.D

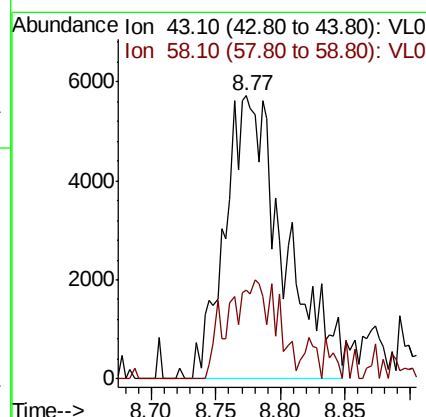
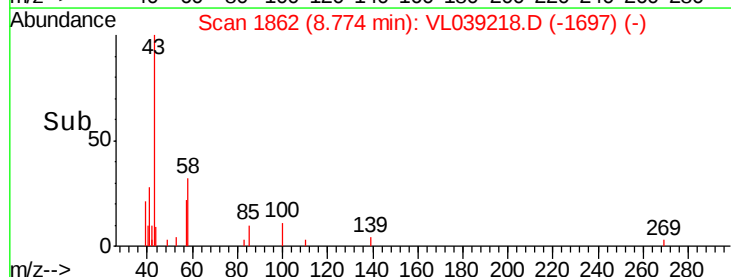
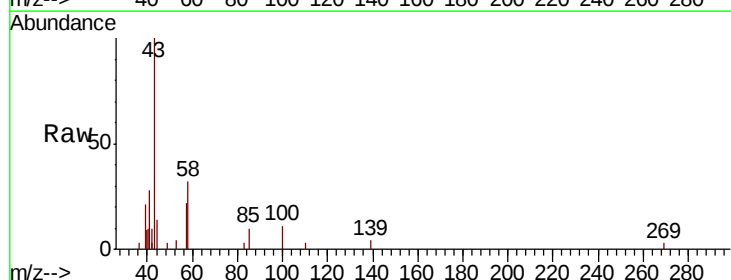
Acq: 7 Jun 2022 20:55

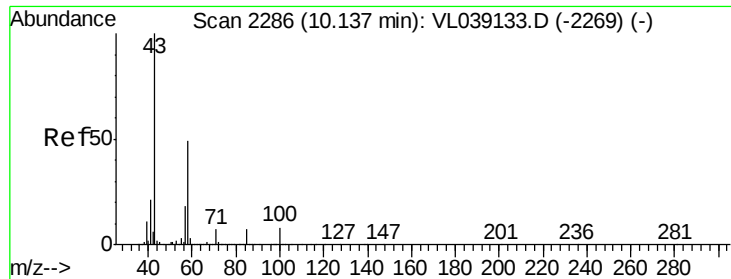
Tgt Ion: 43 Resp: 18353

Ion Ratio Lower Upper

43 100

58 0.0 28.7 43.1#





#51

2-Hexanone

Concen: 0.107 ppbv m

RT: 10.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

43 100

58 0.

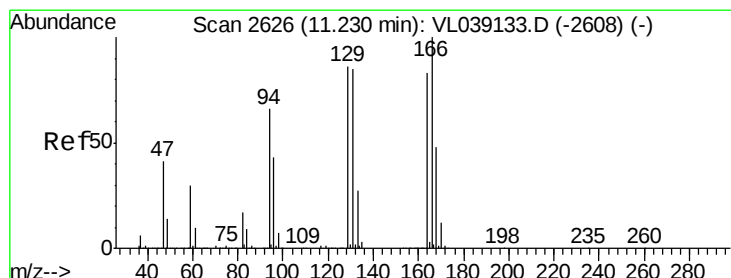
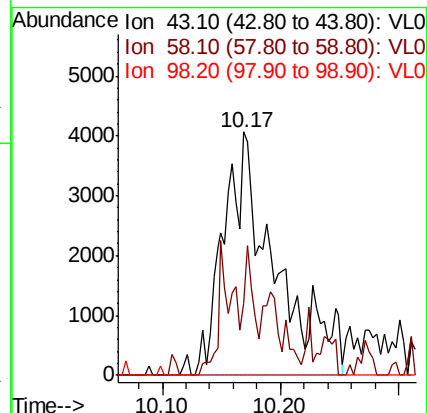
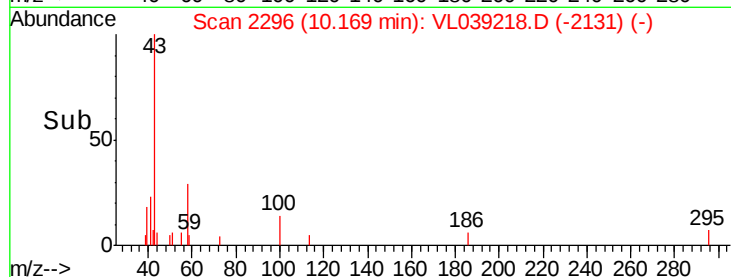
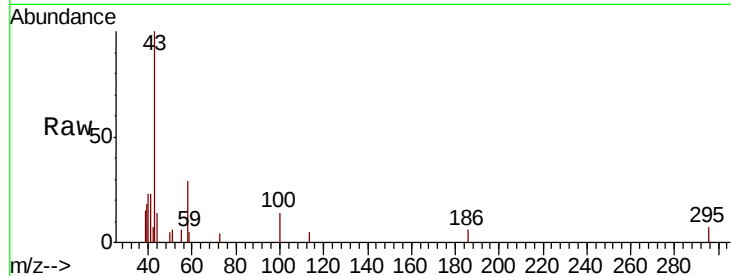
98 0.

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Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#52

Tetrachloroethene

Concen: 0.136 ppbv m

RT: 11.21 min Scan# 2621

Delta R.T. -0.02 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

Tgt Ion:164 Resp: 7841

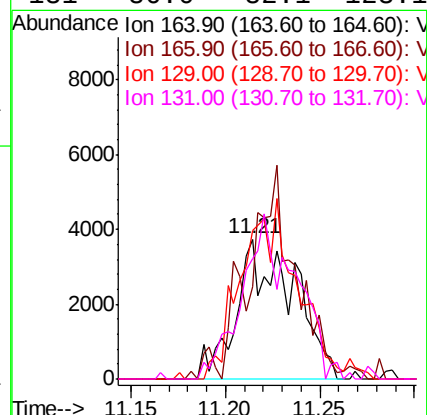
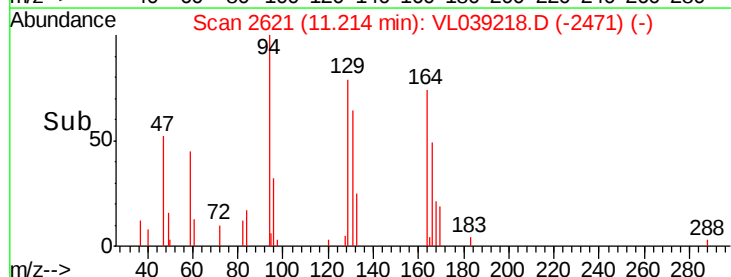
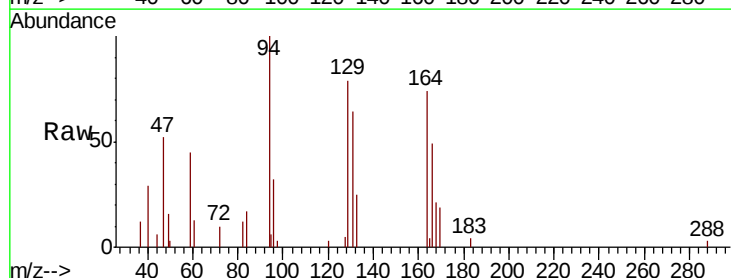
Ion Ratio Lower Upper

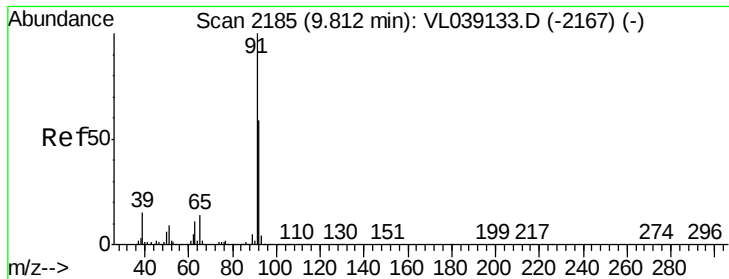
164 100

166 66.0 96.3 144.5#

129 106.0 82.5 123.7

131 86.0 82.1 123.1





#53

Toluene

Concen: 0.124 ppbv m

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-OT2-2022

Tot Ion:

Ion Ratio

91 100

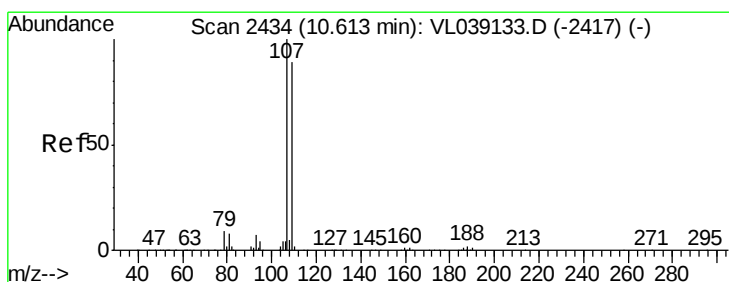
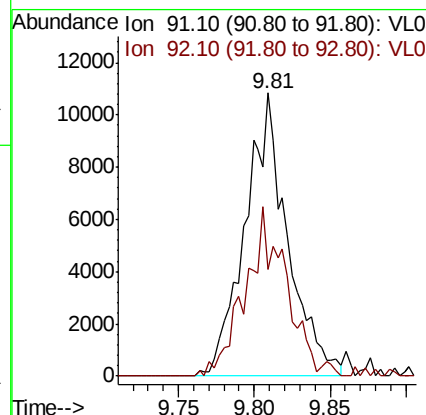
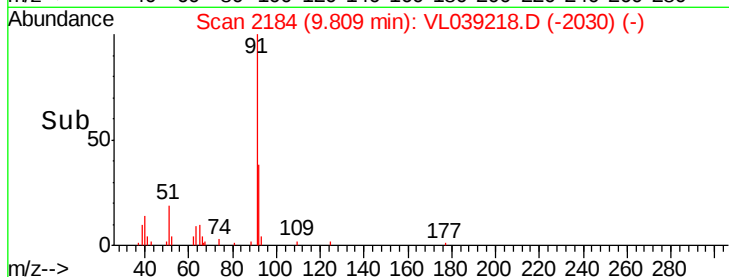
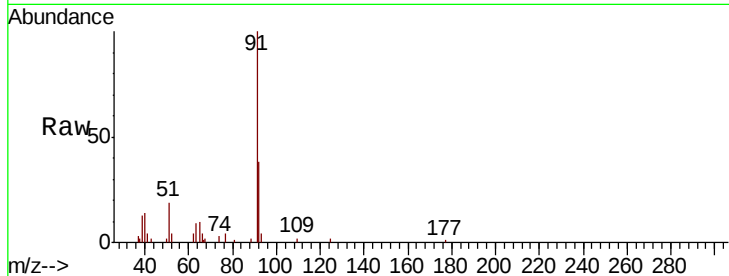
92 57.

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Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#54

1,2-Dibromoethane

Concen: 0.148 ppbv m

RT: 10.61 min Scan# 2433

Delta R.T. -0.00 min

Lab File: VL039218.D

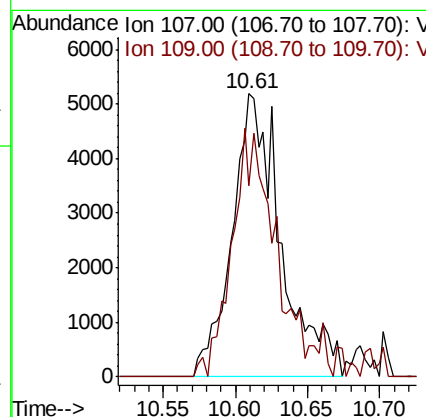
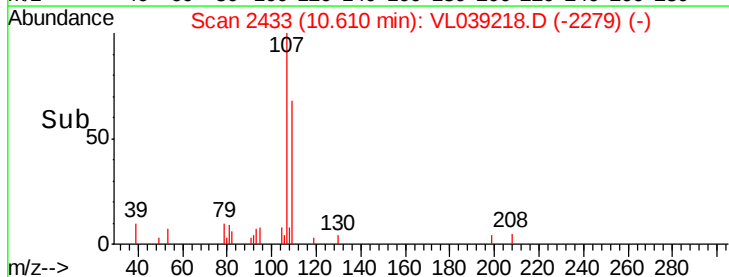
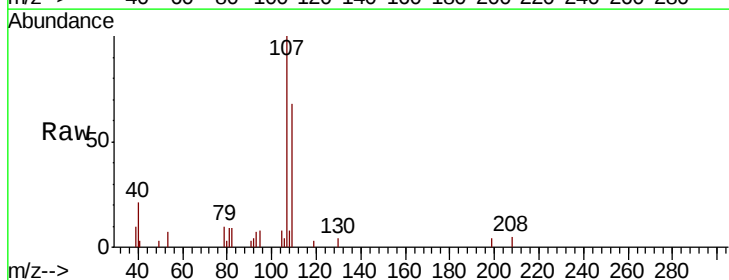
Acq: 7 Jun 2022 20:55

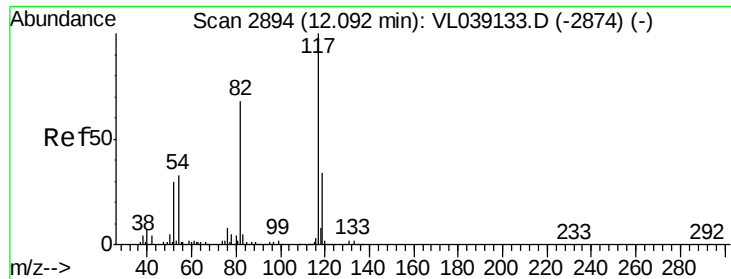
Tgt Ion:107 Resp: 12234

Ion Ratio Lower Upper

107 100

109 67.7 71.4 107.0#



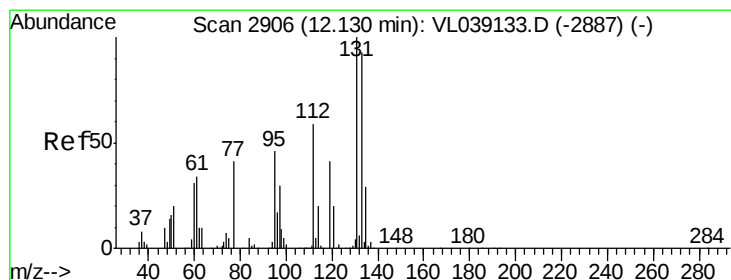
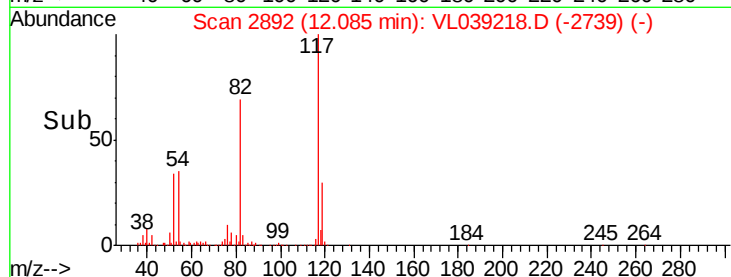
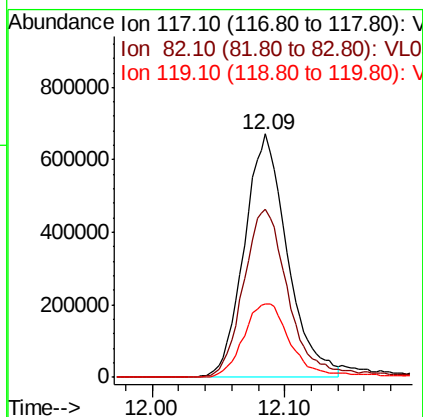
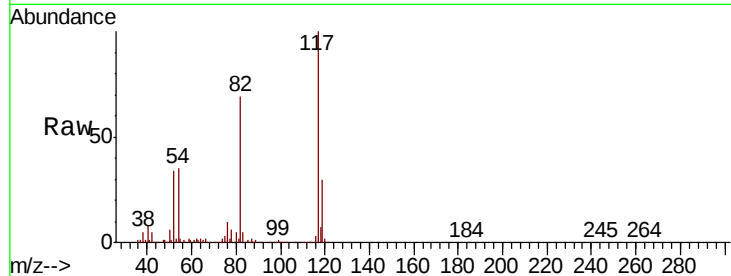


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 20:55
LOD-MDL-AIR-01-QT2-2022

Tot Ion:1
Ion Rati
117 100
82 74.
119 34.

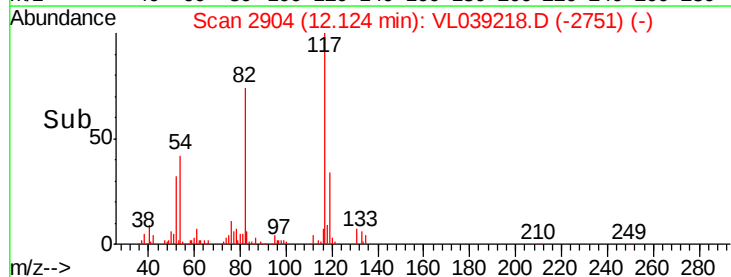
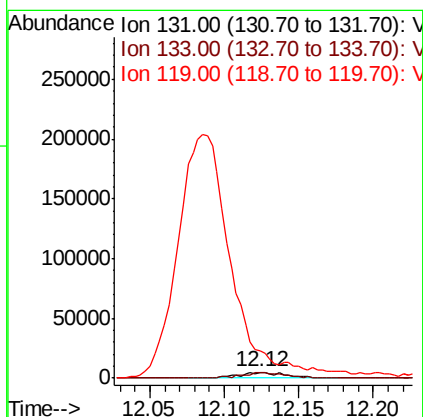
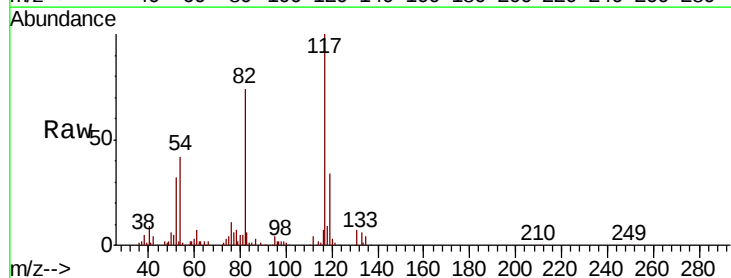
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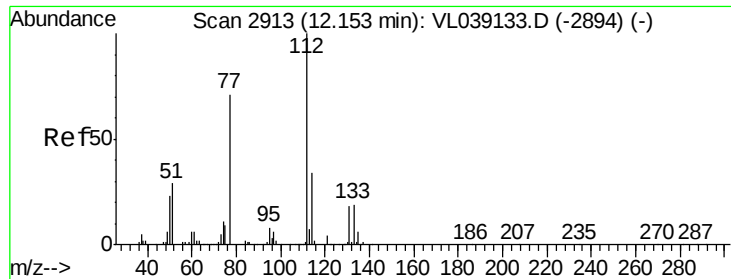
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.149 ppbv m
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL039218.D
Acq: 7 Jun 2022 20:55

Tgt Ion:131 Resp: 10693
Ion Ratio Lower Upper
131 100
133 90.9 78.6 117.8
119 0.0 51.7 77.5#



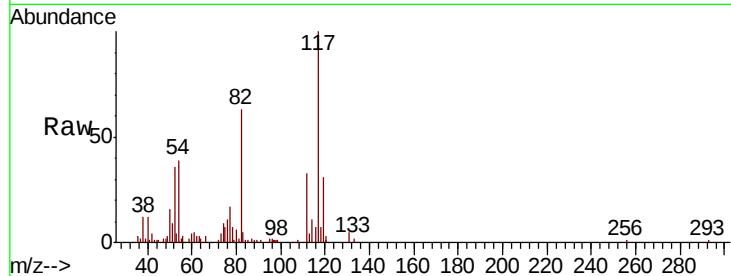


#57
Chlorobenzene
Concen: 0.164 ppbv m
RT: 12.15
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId :
LOD-MDL-AIR-01-QT2-2022
Acq: 7 Jun 2022 20:55

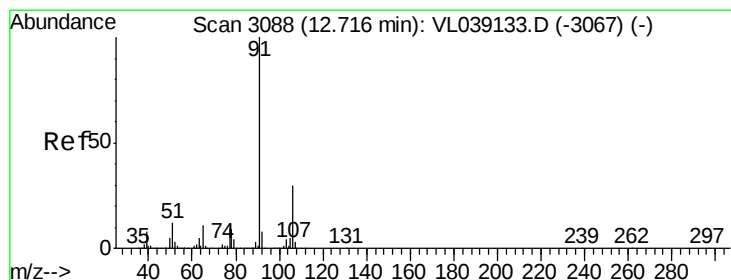
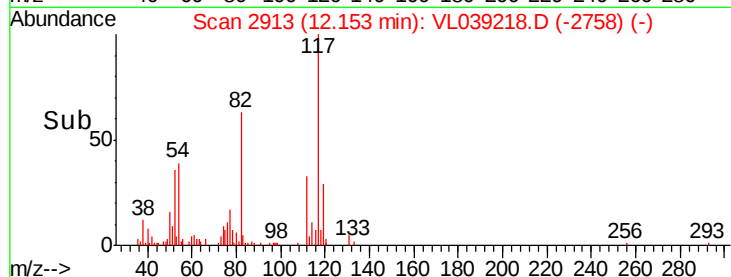
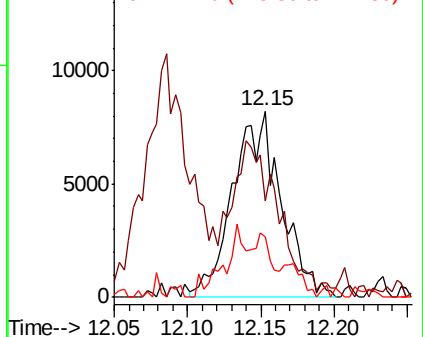
Tot Ion: 1
Ion Rati
112 100
77 51.
114 32.

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Supervised By :Mahesh Dadoda 06/10/2022

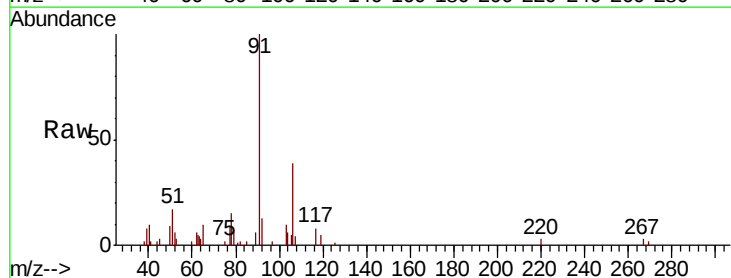


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

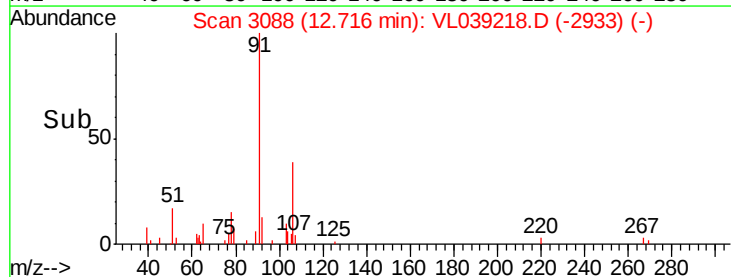
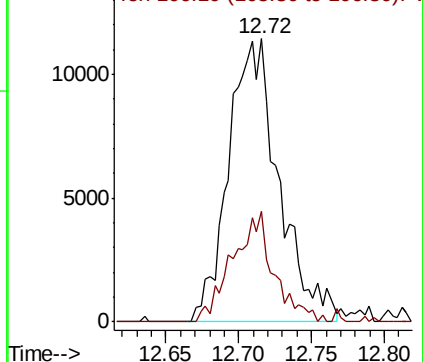


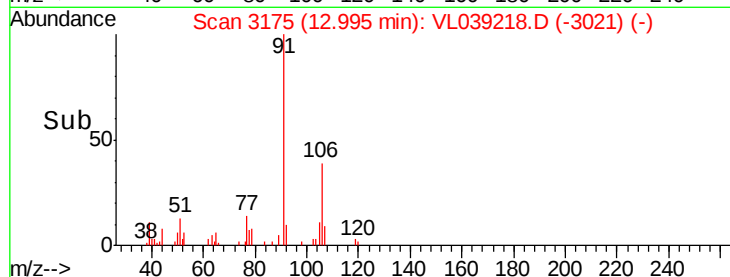
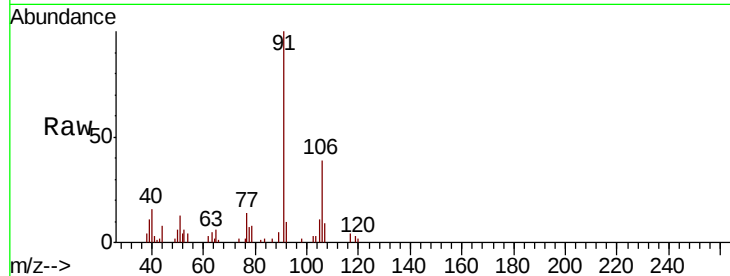
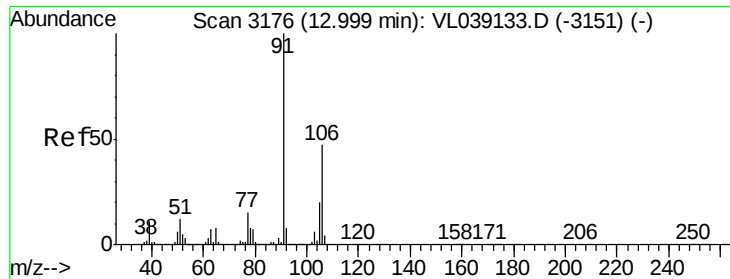
#58
Ethyl Benzene
Concen: 0.131 ppbv m
RT: 12.72 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VL039218.D
Acq: 7 Jun 2022 20:55

Tgt Ion: 91 Resp: 27428
Ion Ratio Lower Upper
91 100
106 39.2 24.2 36.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 0.231 ppbv m

RT: 13.00

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 7 Jun 2022 20:55

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Reviewed By :Semsettin Yesilyurt 06/10/2022

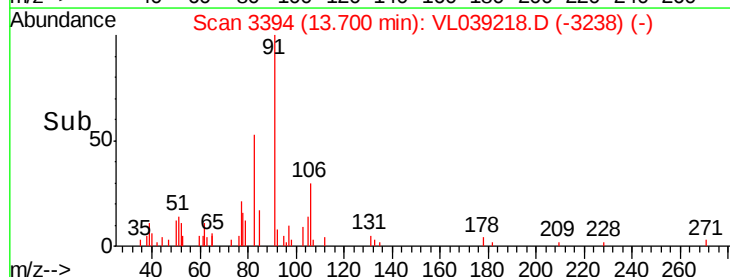
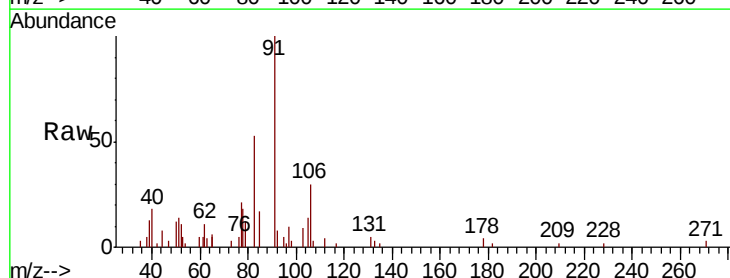
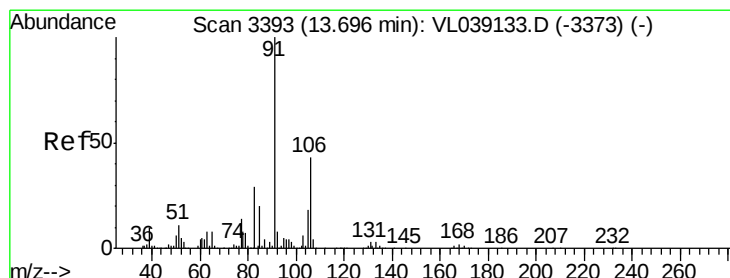
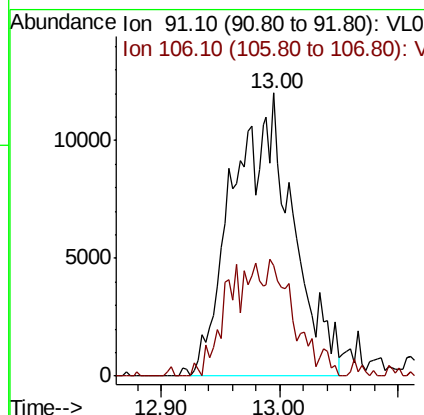
Supervised By :Mahesh Dadoda 06/10/2022

Tot Ion:

Ion Ratio

91 100

106 27.



#60

o-Xylene

Concen: 0.124 ppbv m

RT: 13.70 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VL039218.D

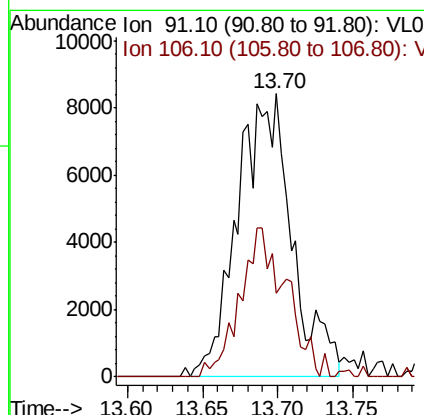
Acq: 7 Jun 2022 20:55

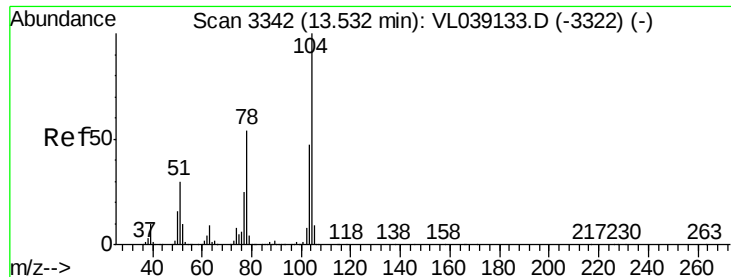
Tgt Ion: 91 Resp: 21334

Ion Ratio Lower Upper

91 100

106 44.6 22.3 66.9





#61

Stvrene

Concen: 0.108 ppbv m

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 20:55

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Supervised By :Mahesh Dadoda 06/10/2022

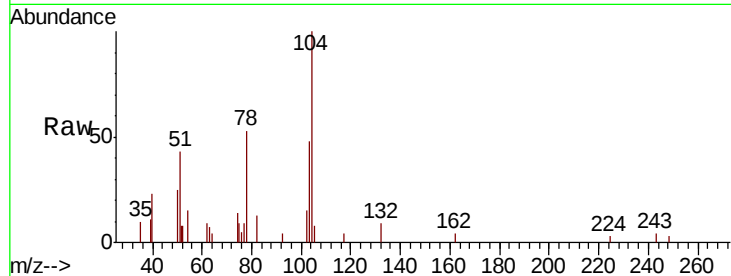
Tot Ion:1

Ion Rati

104 100

78 59.

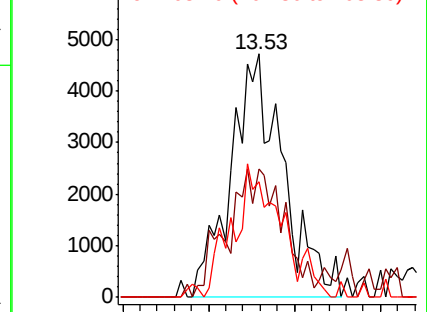
103 52.



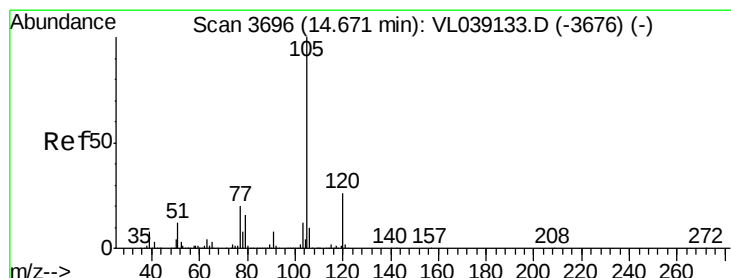
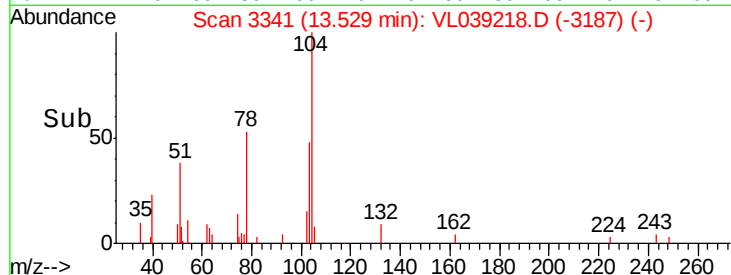
Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



Time--> 13.45 13.50 13.55 13.60



#62

Isopropylbenzene

Concen: 0.146 ppbv m

RT: 14.66 min Scan# 3694

Delta R.T. -0.01 min

Lab File: VL039218.D

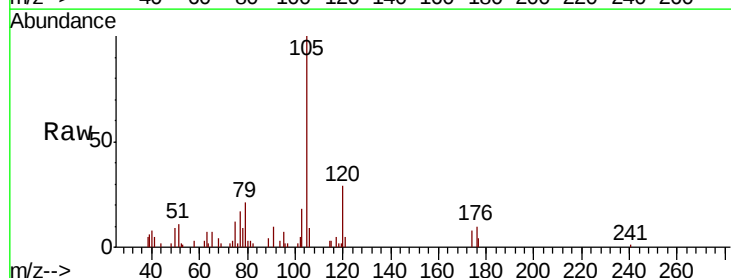
Acq: 7 Jun 2022 20:55

Tgt Ion:105 Resp: 37492

Ion Ratio Lower Upper

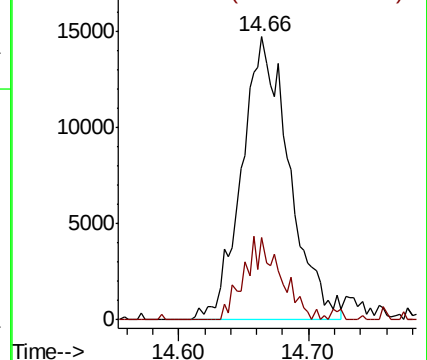
105 100

120 0.9 20.3 30.5#

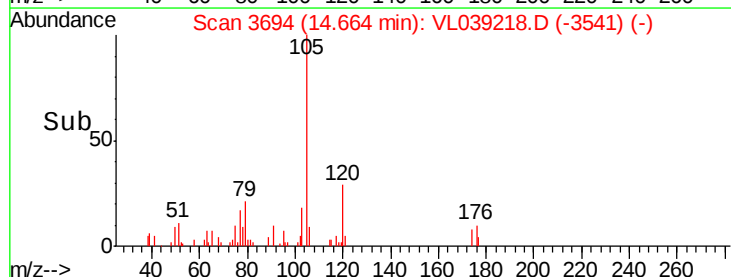


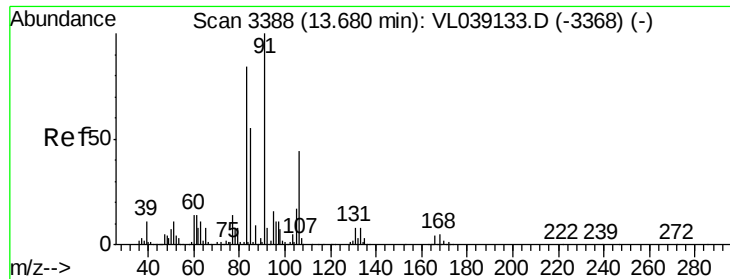
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



Time--> 14.60 14.70





#63

1,1,2,2-Tetrachloroethane

Concen: 0.139 ppbv m

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

83 100

131 0.

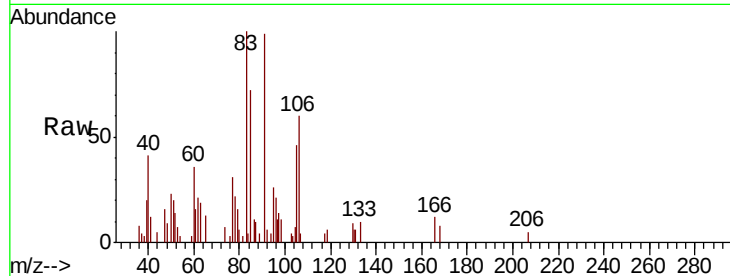
85 0.

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Reviewed By :Semsettin Yesilyurt 06/10/2022

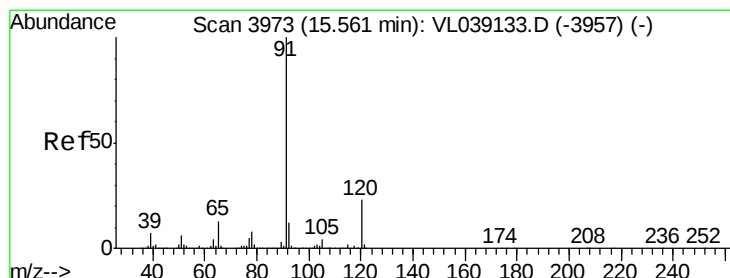
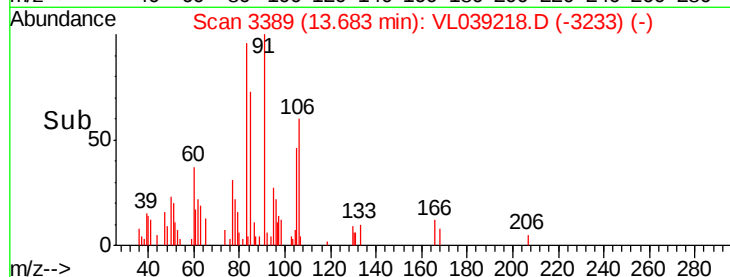
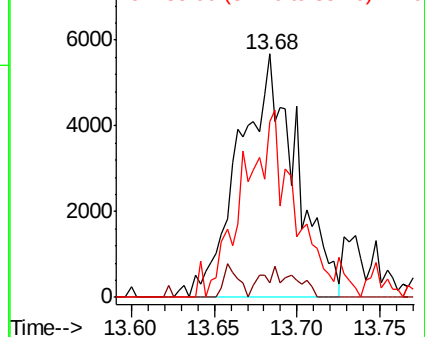
Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 0.122 ppbv m

RT: 15.56 min Scan# 3972

Delta R.T. -0.00 min

Lab File: VL039218.D

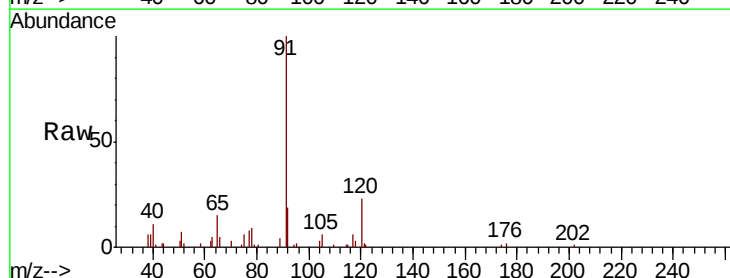
Acq: 7 Jun 2022 20:55

Tgt Ion:120 Resp: 7693

Ion Ratio Lower Upper

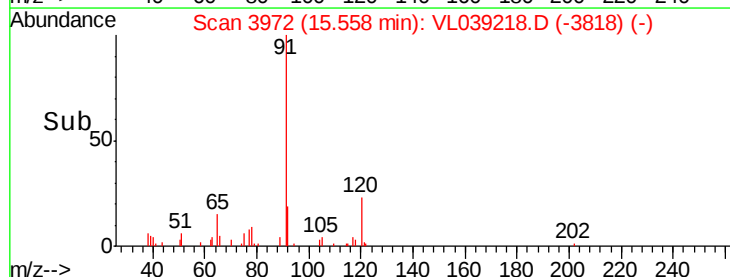
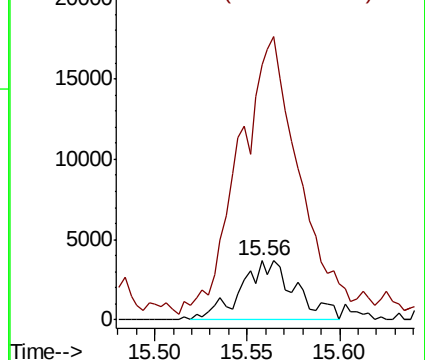
120 100

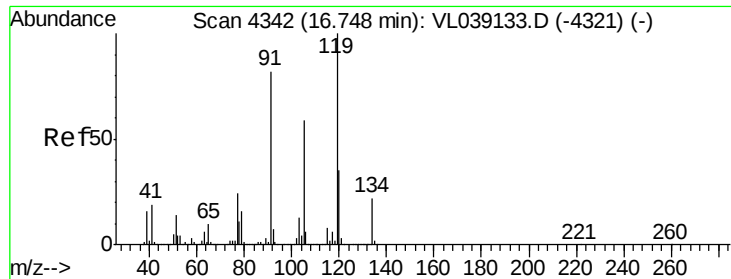
91 0.0 388.4 582.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



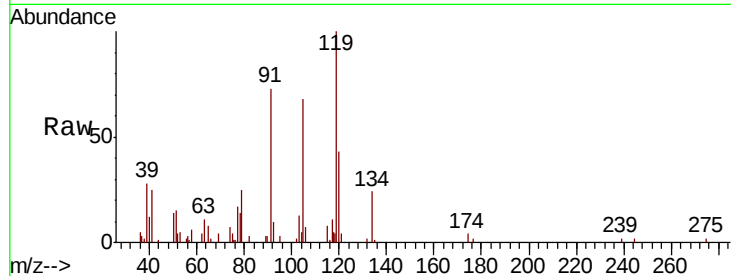


#65
tert-Butylbenzene
Concen: 0.122 ppbv m
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampled:
LOD-MDL-AIR-01-QT2-2022
Acq: 7 Jun 2022 20:55

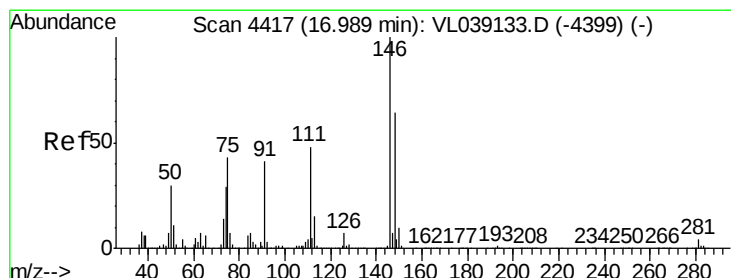
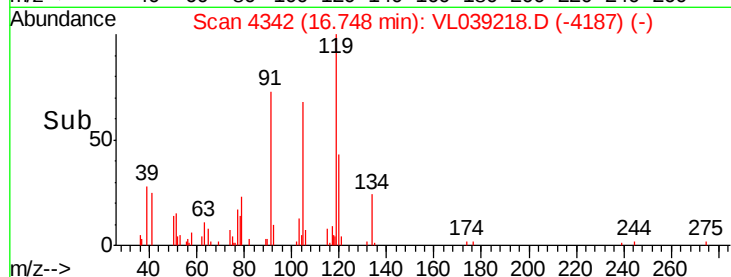
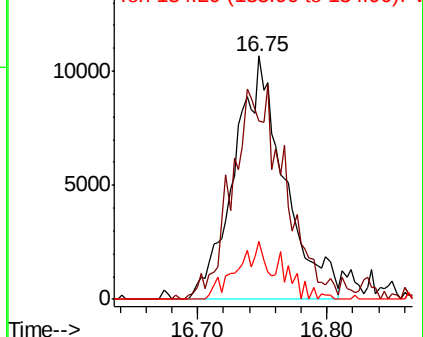
Tot Ion: 1
Ion Ratio
119 100
91 0.
134 0.

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 06/10/2022
Supervised By : Mahesh Dadoda 06/10/2022

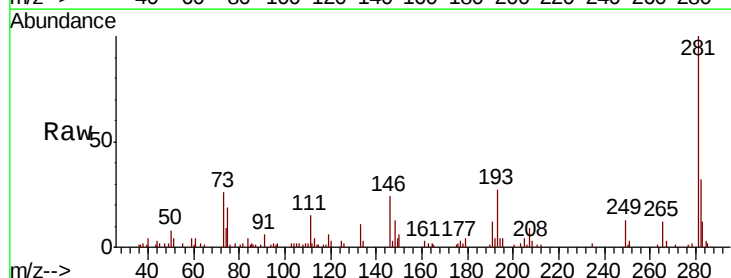


Abundance Ion 119.20 (118.90 to 119.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 134.20 (133.90 to 134.90): V

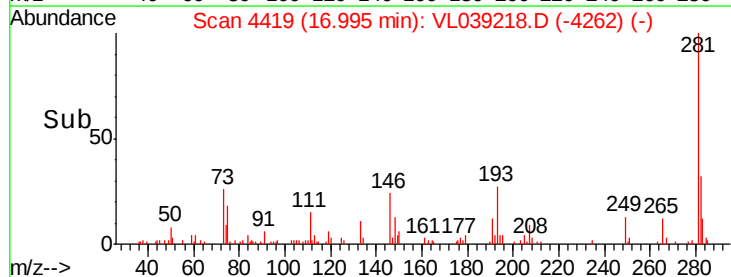
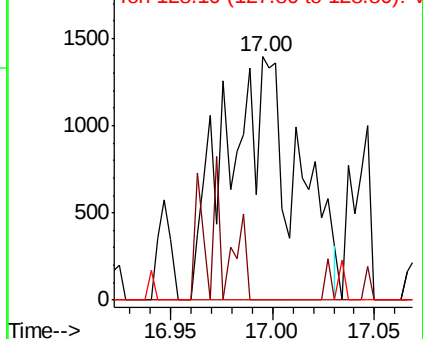


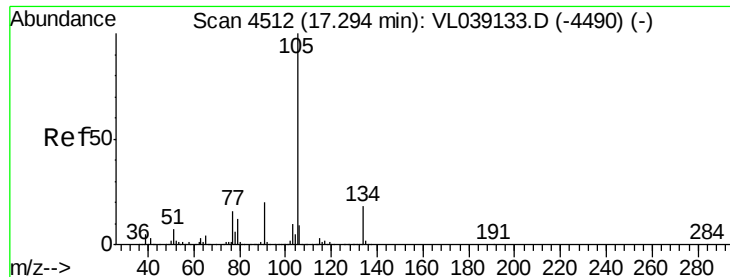
#66
Benzyl Chloride
Concen: 0.111 ppbv m
RT: 17.00 min Scan# 4419
Delta R.T.: 0.01 min
Lab File: VL039218.D
Acq: 7 Jun 2022 20:55

Tgt Ion: 91 Resp: 3400
Ion Ratio Lower Upper
91 100
126 0.0 13.4 20.0#
128 0.0 4.1 6.1#



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 0.120 ppbv m

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1

Ion Rati

105 100

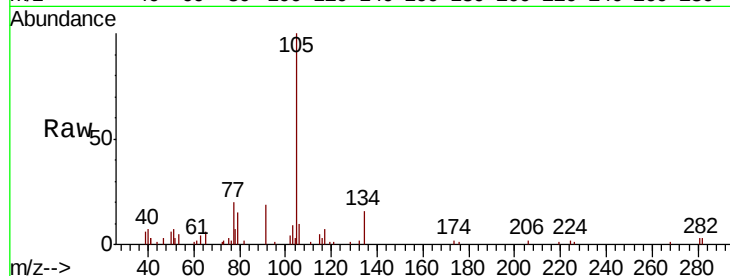
134 1.

Manual Integrations

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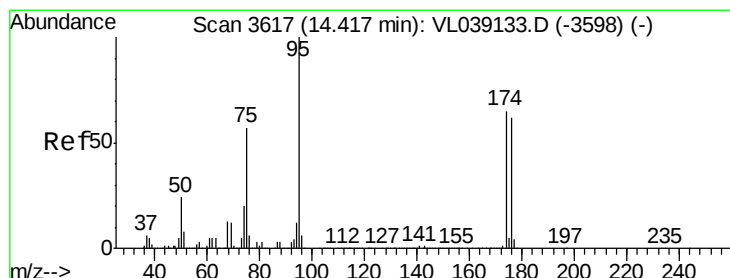
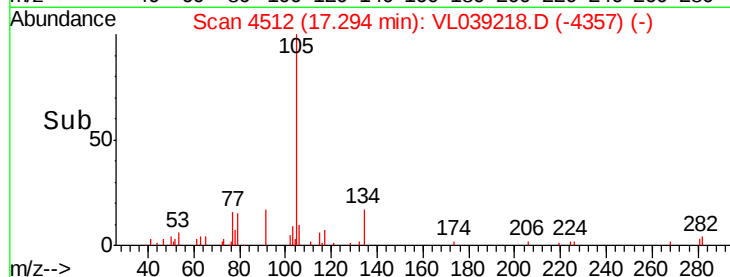
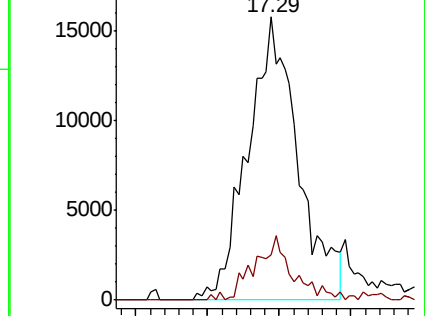
Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.402 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.00 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

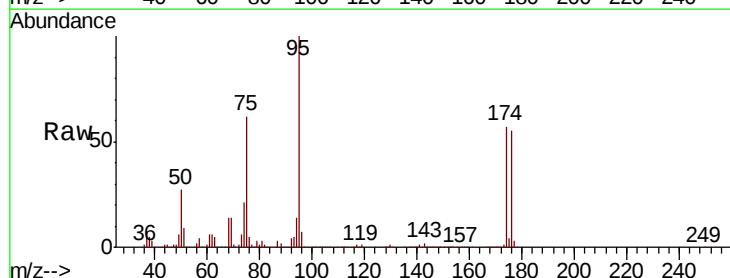
Tgt Ion: 95 Resp: 1302947

Ion Ratio Lower Upper

95 100

174 59.3 53.8 80.8

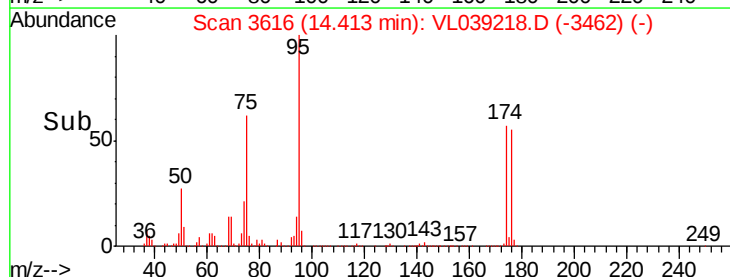
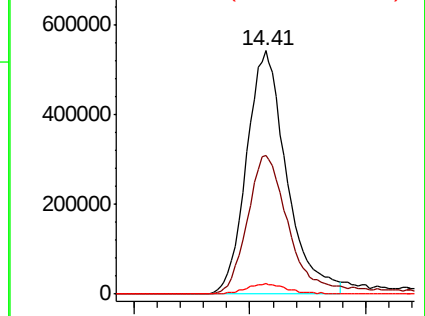
175 4.5 4.1 6.1

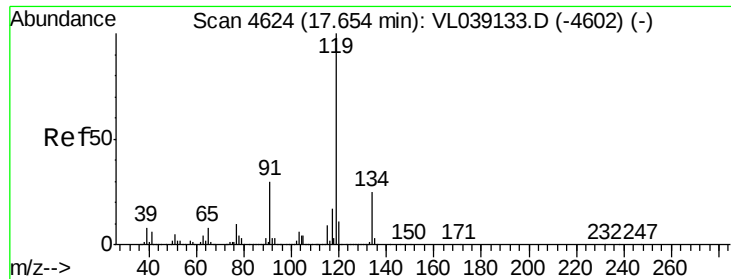


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



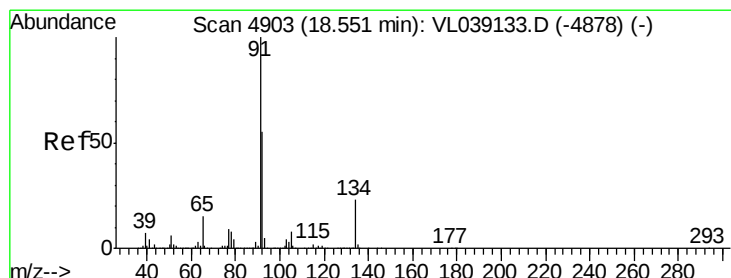
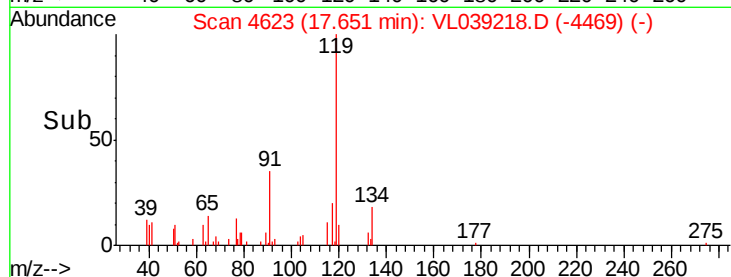
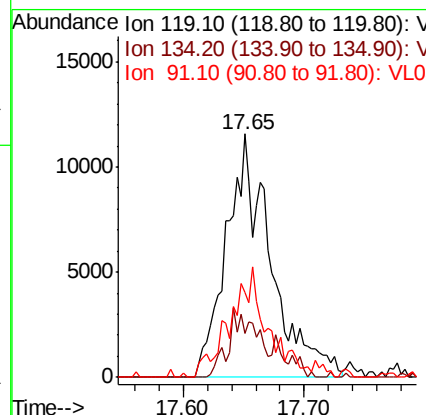
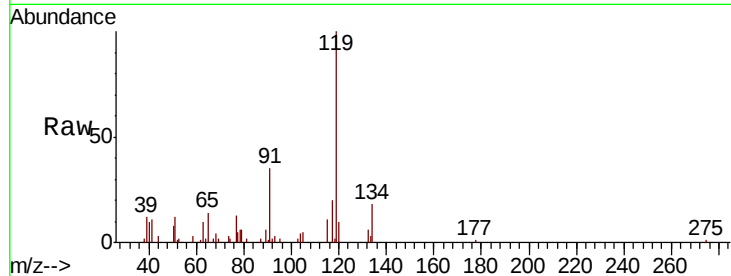


#69
 p-Isopropyltoluene
 Concen: 0.109 ppbv m
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 20:55
 LOD-MDL-AIR-01-QT2-2022

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

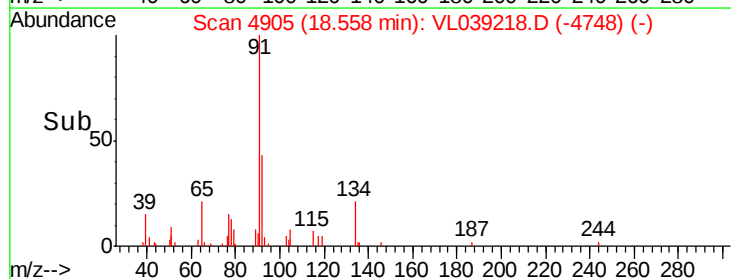
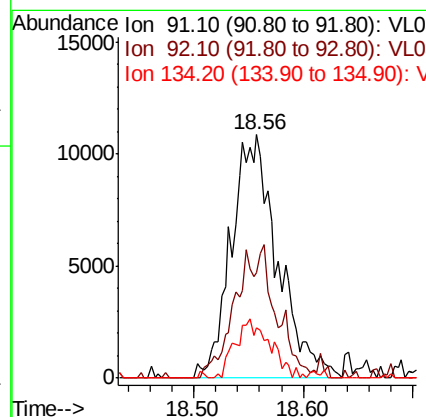
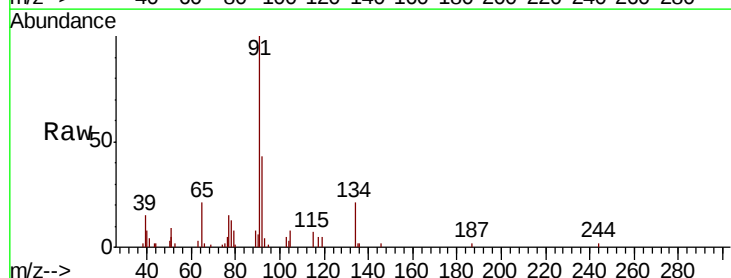
Manual Integrations
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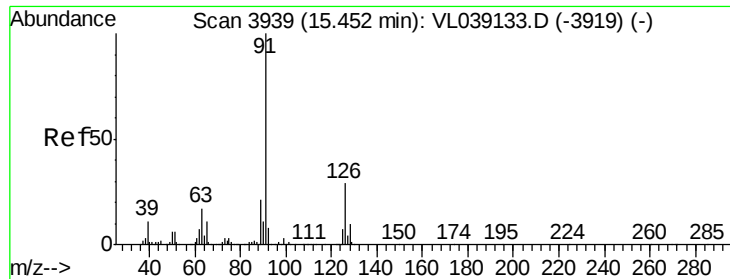
Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022



#70
 n-Butylbenzene
 Concen: 0.115 ppbv m
 RT: 18.56 min Scan# 4905
 Delta R.T. 0.01 min
 Lab File: VL039218.D
 Acq: 7 Jun 2022 20:55

Tgt Ion: 91 Resp: 31819
 Ion Ratio Lower Upper
 91 100
 92 0.0 43.6 65.4#
 134 19.4 17.7 26.5



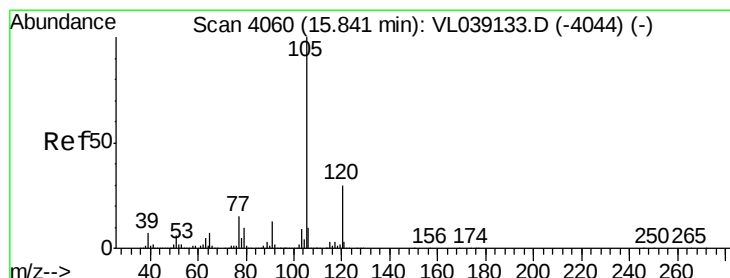
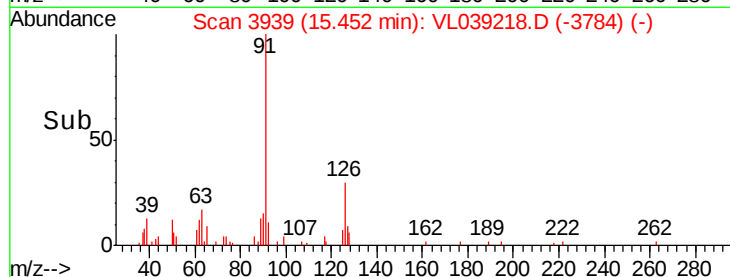
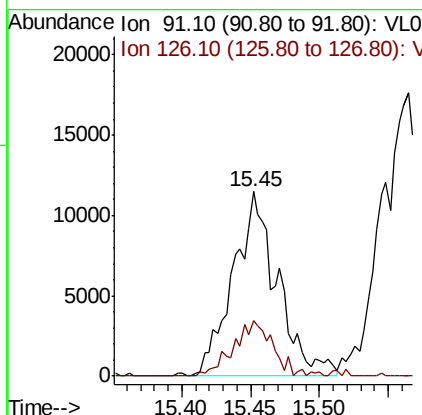
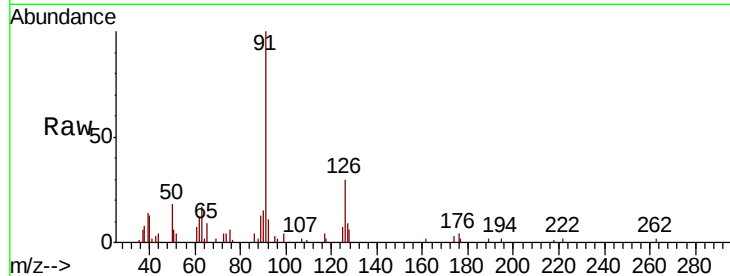


#71
 2-Chlorotoluene
 Concen: 0.131 ppbv m
 RT: 15.45 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 20:55

Tot Ion:
 Ion Ratio
 91 100
 126 0.

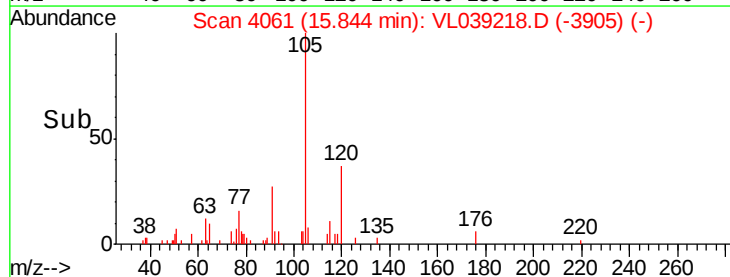
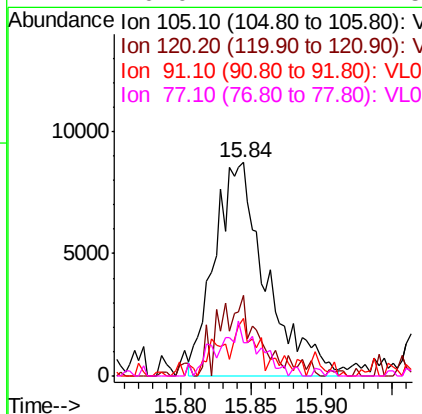
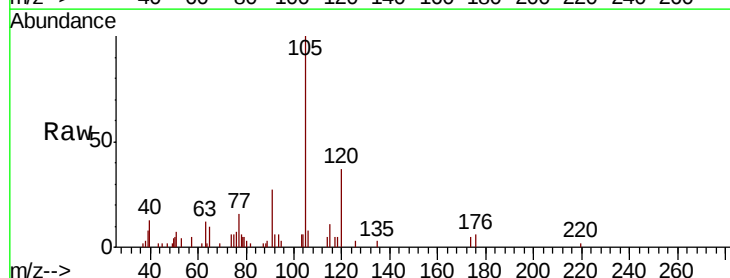
Manual Integrations
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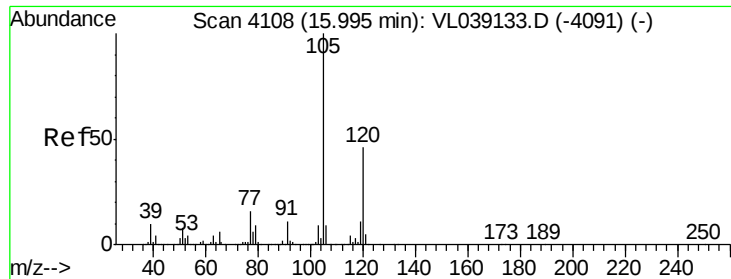
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#72
 4-Ethyltoluene
 Concen: 0.110 ppbv m
 RT: 15.84 min Scan# 4061
 Delta R.T.: 0.00 min
 Lab File: VL039218.D
 Acq: 7 Jun 2022 20:55

Tgt Ion:105 Resp: 22240
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.9 35.9#
 91 0.0 10.6 16.0#
 77 0.0 11.7 17.5#



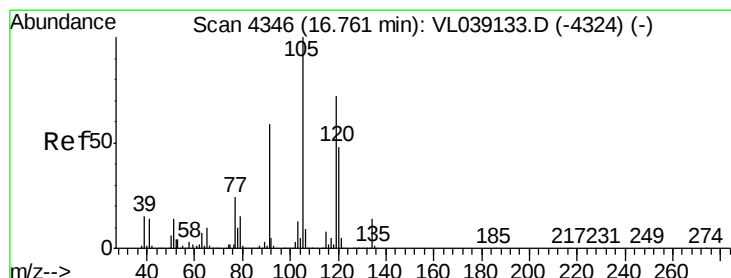
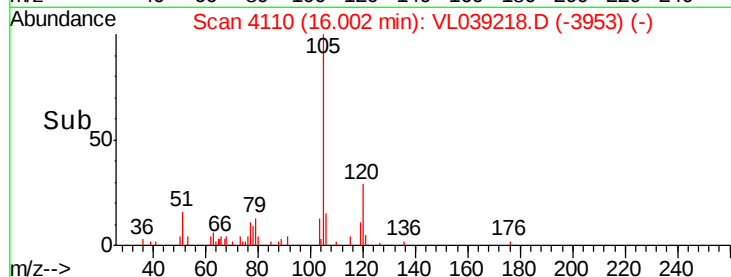
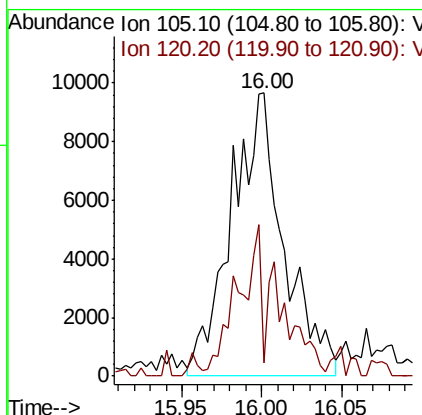
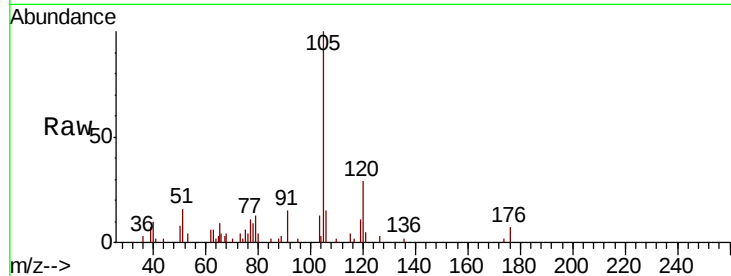


#73
 1,3,5-Trimethylbenzene
 Concen: 0.122 ppbv m
 RT: 16.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 20:55
 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1
 Ion Rati
 105 100
 120 4.

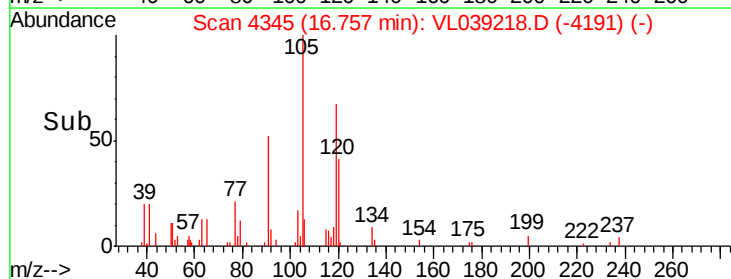
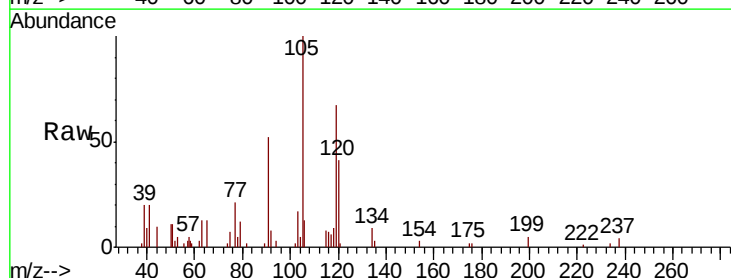
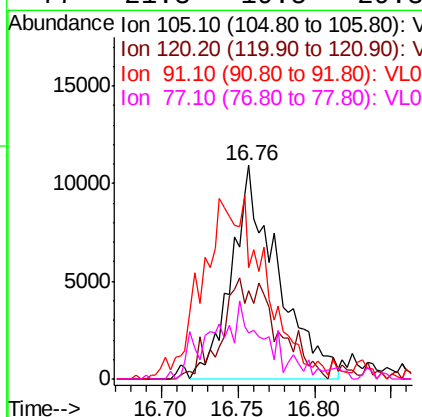
Manual Integrations
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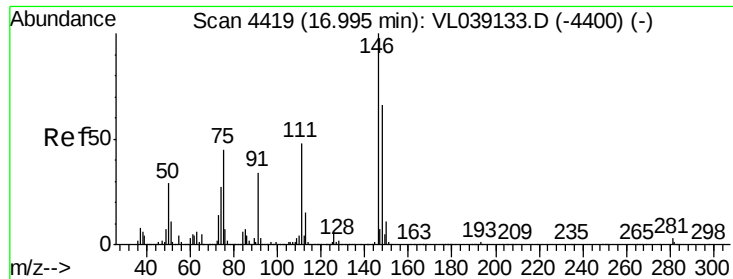
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 0.113 ppbv m
 RT: 16.76 min Scan# 4345
 Delta R.T. -0.00 min
 Lab File: VL039218.D
 Acq: 7 Jun 2022 20:55

Tgt Ion:105 Resp: 22982
 Ion Ratio Lower Upper
 105 100
 120 41.4 38.1 57.1
 91 52.0 47.4 71.0
 77 21.3 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 0.149 ppbv m

RT: 17.00

Delta R.T. MSVOA_L

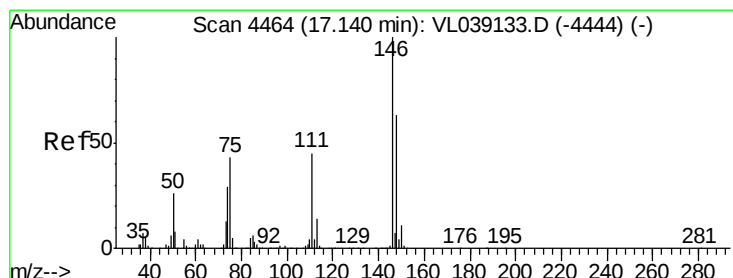
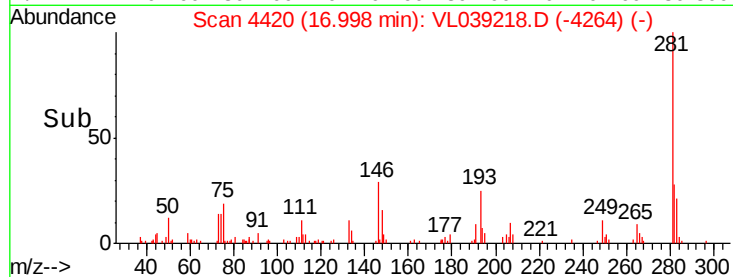
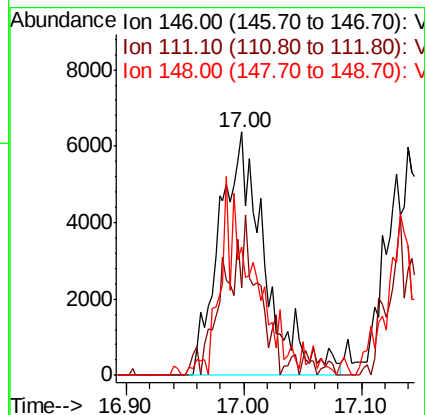
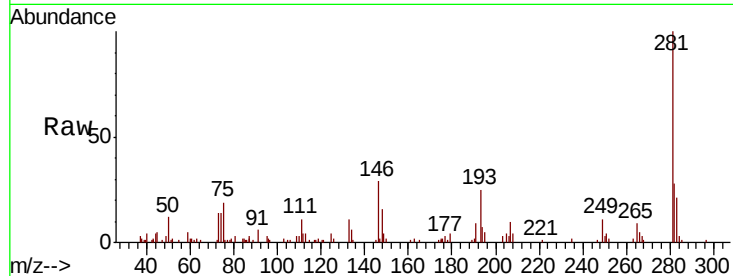
Lab File: ClientSampleId :

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1
Ion Rati
146 100
111 0.
148 57.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#76

1,4-Dichlorobenzene

Concen: 0.131 ppbv m

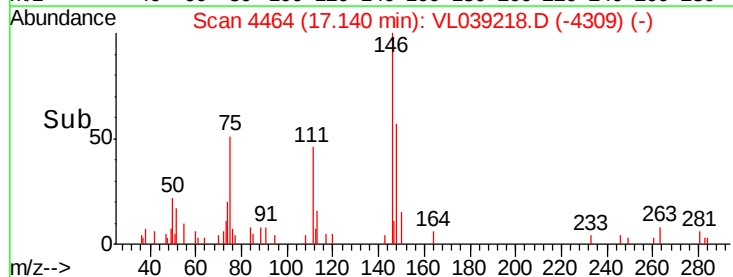
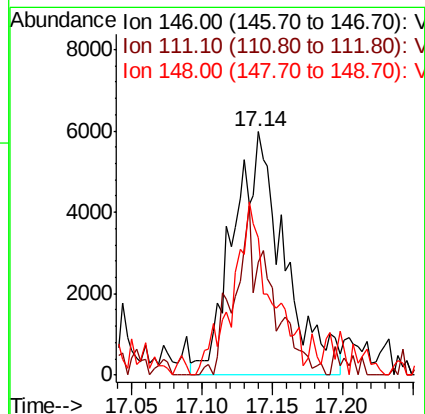
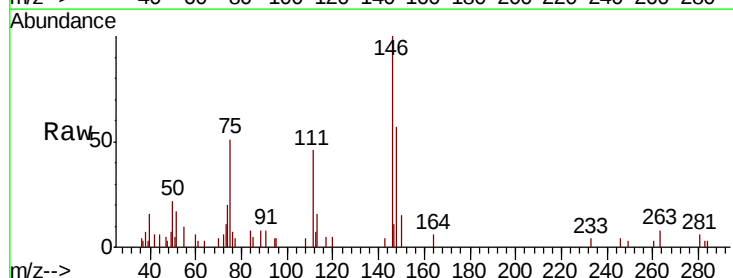
RT: 17.14 min Scan# 4464

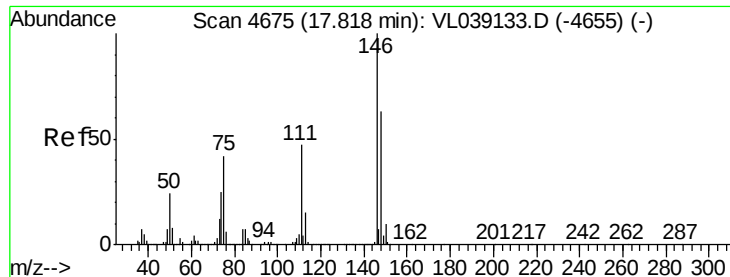
Delta R.T. -0.00 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

Tgt Ion:146 Resp: 15058
Ion Ratio Lower Upper
146 100
111 49.1 23.6 71.0
148 54.6 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 0.133 ppbv m

RT: 17.82 min

Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: VL039218.D

ClientSampleId: LOD-MDL-AIR-01-QT2-2022

Acq: 7 Jun 2022 20:55

Tot Ion: 1

Ion Ratio

146 100

111 0.

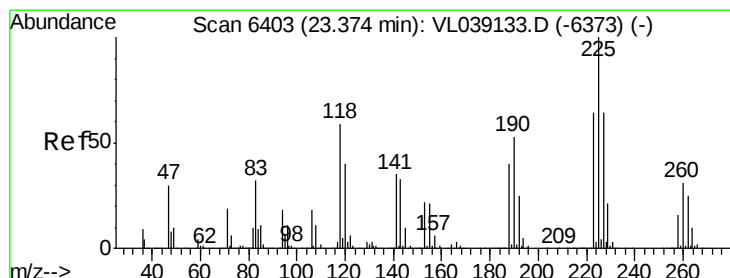
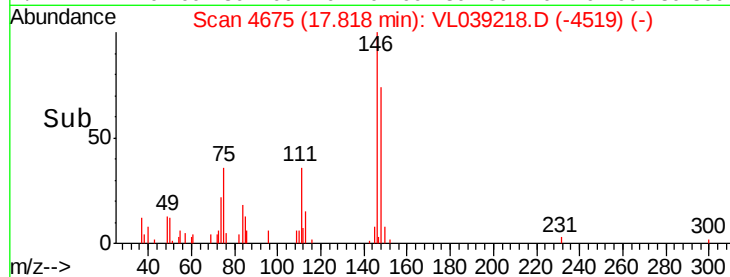
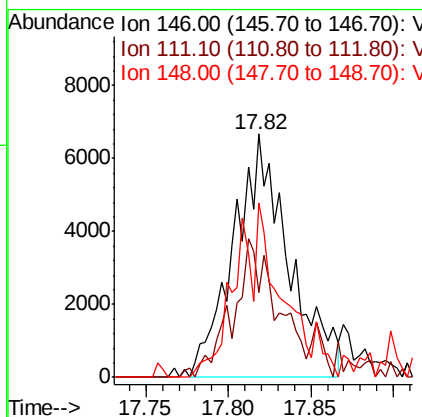
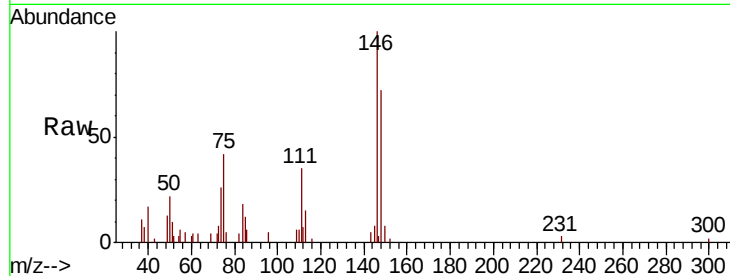
148 0.

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 06/10/2022

Supervised By : Mahesh Dadoda 06/10/2022



#78

Hexachloro-1,3-Butadiene

Concen: 0.139 ppbv m

RT: 23.38 min Scan# 6404

Delta R.T. 0.00 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

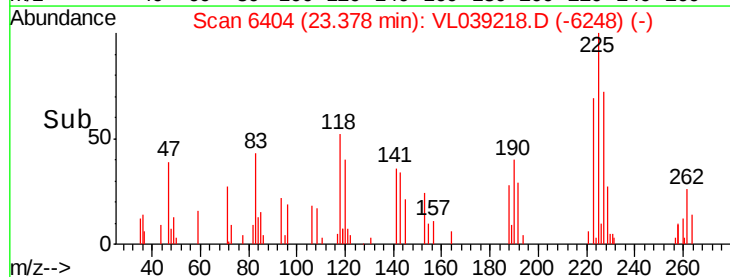
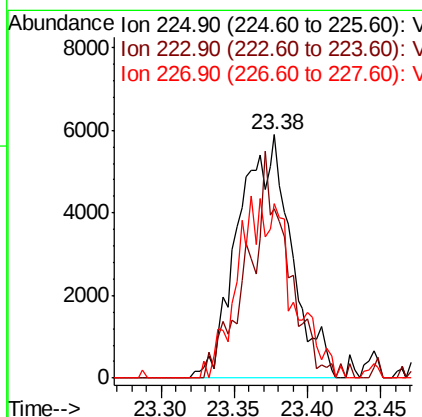
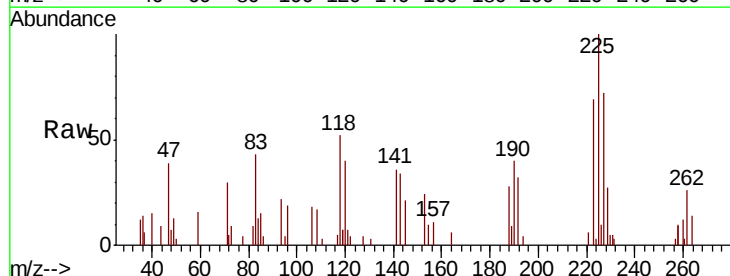
Tgt Ion: 225 Resp: 14801

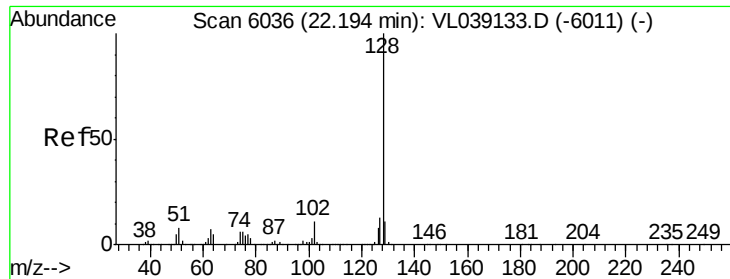
Ion Ratio Lower Upper

225 100

223 70.3 51.4 77.0

227 77.5 50.6 75.8#





#79

Naphthalene

Concen: 0.083 ppbv m

RT: 22.20

Delta R.T. MSVOA_L

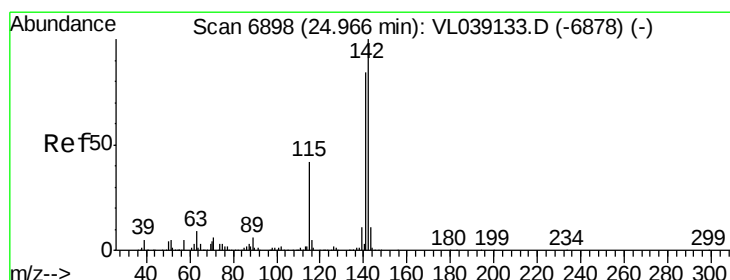
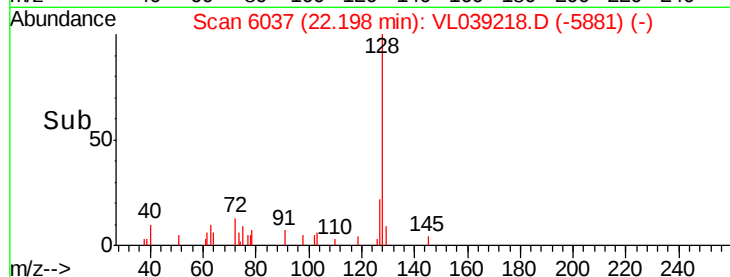
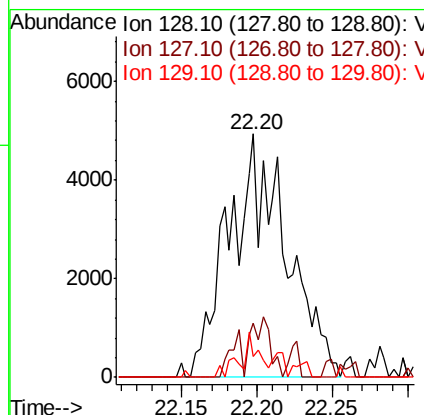
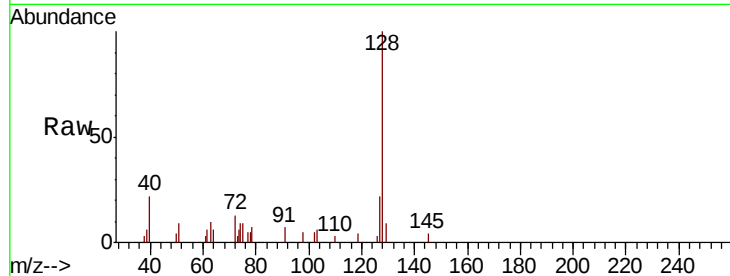
Lab File: ClientSampleId :

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1
Ion Rati
128 100
127 22.
129 8.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#80

Naphthalene, 2-methyl-

Concen: 0.031 ppbv m

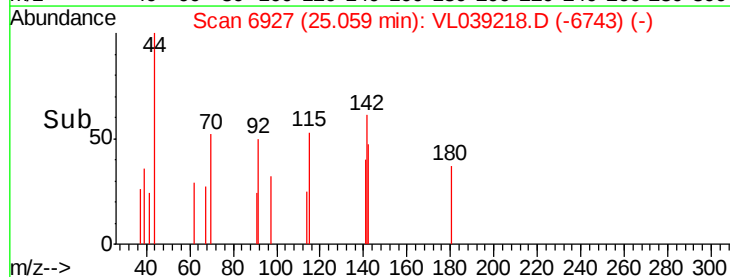
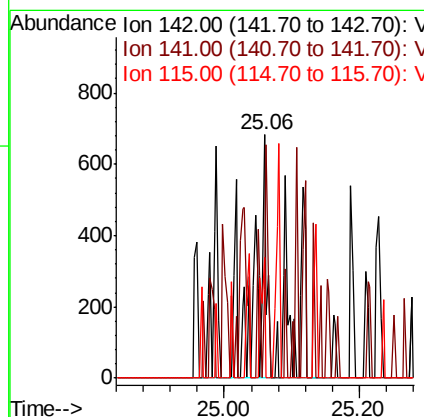
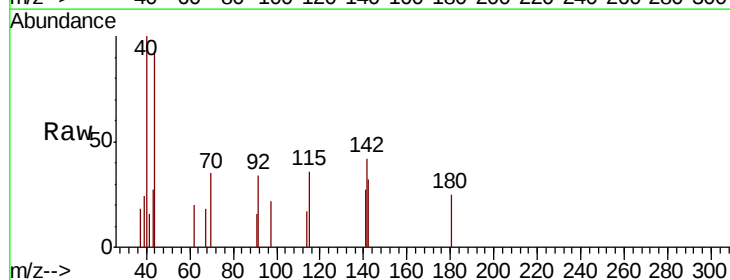
RT: 25.06 min Scan# 6927

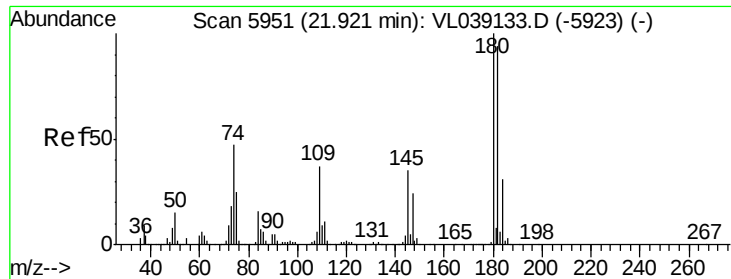
Delta R.T. 0.09 min

Lab File: VL039218.D

Acq: 7 Jun 2022 20:55

Tgt Ion:142 Resp: 1832
Ion Ratio Lower Upper
142 100
141 23.9 64.6 96.8#
115 0.0 32.7 49.1#





#81

1,2,4-Trichlorobenzene

Concen: 0.095 ppbv m

RT: 21.94 Instrument:

Delta R.T MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 20:55 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1

Ion Rati

180 100

182 0.

184 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022

