

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039220.D
 Acq On : 7 Jun 2022 22:15
 Operator : SY/AP
 Sample : N3214-13 0.45 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 06:57:35 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	704479	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1658560	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1469811	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1296075	10.67	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.70%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	102254m	0.826	ppbv	
3) Chlorodifluoromethane	2.99	51	64308	0.717	ppbv	98
4) Chloromethane	3.14	50	31068	0.675	ppbv #	87
5) Vinyl Chloride	3.26	62	31722m	0.737	ppbv	
6) Bromomethane	3.48	94	15779m	0.745	ppbv	
7) Chloroethane	3.56	64	13743m	0.916	ppbv	
8) Dichlorotetrafluoroethane	3.19	85	82479	0.729	ppbv	98
9) Propene	3.01	41	27571m	0.705	ppbv	
10) Heptane	8.12	43	47995m	0.526	ppbv	
11) Trichlorofluoromethane	3.95	101	92295	0.824	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	64264m	0.868	ppbv	
13) Ethanol	3.61	45	2947m	1.383	ppbv	
14) Bromoethene	3.74	108	26360m	0.792	ppbv	
15) Acetone	3.86	43	73867m	1.007	ppbv	
16) 1,3-Butadiene	3.33	39	30925m	0.784	ppbv	
17) tert-Butyl alcohol	4.31	59	49363m	0.867	ppbv	
18) 1,1-Dichloroethene	4.29	96	25466	0.766	ppbv	93
19) Isopropyl Alcohol	3.97	45	28194	0.819	ppbv #	87
20) Methylene Chloride	4.35	84	31383m	1.015	ppbv	
21) Allyl Chloride	4.41	41	37044m	0.748	ppbv	
22) trans-1,2-Dichloroethene	4.89	96	24142	0.755	ppbv	98
23) Vinyl Acetate	5.08	43	40710m	0.670	ppbv	
24) 1,1-Dichloroethane	5.01	63	53048	0.638	ppbv	98
25) Ethyl Acetate	5.68	43	98182m	0.594	ppbv	
26) Hexane	5.69	57	42629m	0.586	ppbv	
27) Carbon Disulfide	4.56	76	47614	0.632	ppbv #	79
28) Methyl tert-Butyl Ether	5.05	73	53188m	0.663	ppbv	
29) Chloroform	5.75	83	85207m	0.697	ppbv	
30) Cyclohexane	7.13	84	32117m	0.526	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	45376m	0.612	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	79353m	0.663	ppbv	
34) 2-Butanone	5.26	43	52539	0.583	ppbv	93
35) Carbon Tetrachloride	7.02	117	79523m	0.657	ppbv	
36) Benzene	6.89	78	75194	0.558	ppbv	96
37) 1,2-Dichloroethane	6.30	62	63474	0.716	ppbv	100
38) Trichloroethene	7.83	130	37110m	0.600	ppbv	
39) 1,2-Dichloropropane	7.61	63	32942m	0.615	ppbv	
40) 1,4-Dioxane	7.86	88	12122m	0.687	ppbv	
41) Tetrahydrofuran	6.07	42	30302m	0.559	ppbv	
42) Bromodichloromethane	7.79	83	74454m	0.605	ppbv	
43) Methyl Methacrylate	8.01	69	30359m	0.579	ppbv	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039220.D
 Acq On : 7 Jun 2022 22:15
 Operator : SY/AP
 Sample : N3214-13 0.45 LOD
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

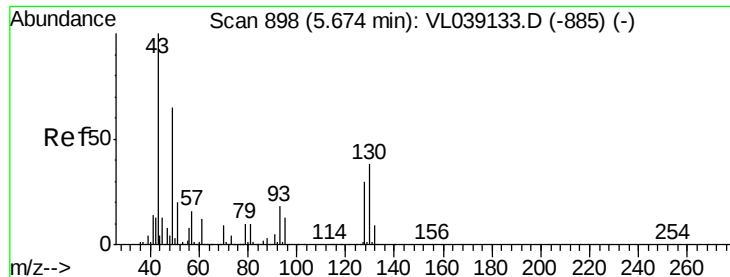
Manual Integrations
 APPROVED

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

Quant Time: Jun 08 06:57:35 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)
44) 2,2,4-Trimethylpentane	7.87	57	130204	0.553	ppbv	# 88
45) t-1,3-Dichloropropene	9.28	75	23076m	0.422	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	34498m	0.478	ppbv	
47) 1,1,2-Trichloroethane	9.48	97	35830m	0.641	ppbv	
48) Dibromochloromethane	10.30	129	51017m	0.511	ppbv	
49) Bromoform	13.03	173	36610m	0.440	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	72160m	0.535	ppbv	
51) 2-Hexanone	10.15	43	51783m	0.493	ppbv	
52) Tetrachloroethene	11.22	164	29726m	0.565	ppbv	
53) Toluene	9.81	91	80033	0.516	ppbv	93
54) 1,2-Dibromoethane	10.61	107	44831m	0.597	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.12	131	44386m	0.638	ppbv	
57) Chlorobenzene	12.14	112	67363	0.609	ppbv	# 90
58) Ethyl Benzene	12.99	91	214686m	1.060	ppbv	
59) m/p-Xylene	12.99	91	214686m	1.204	ppbv	
60) o-Xylene	13.69	91	103202	0.616	ppbv	92
61) Styrene	13.53	104	41923m	0.467	ppbv	
62) Isopropylbenzene	14.66	105	144855	0.582	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	53940m	0.574	ppbv	
64) n-propylbenzene	15.56	120	32406m	0.529	ppbv	
65) tert-Butylbenzene	16.74	119	133469m	0.586	ppbv	
66) Benzyl Chloride	16.99	91	12682m	0.428	ppbv	
67) sec-Butylbenzene	17.29	105	186700	0.601	ppbv	96
69) p-Isopropyltoluene	17.64	119	147530m	0.563	ppbv	
70) n-Butylbenzene	18.55	91	151501m	0.563	ppbv	
71) 2-Chlorotoluene	15.45	91	111837m	0.589	ppbv	
72) 4-Ethyltoluene	15.83	105	98466	0.501	ppbv	# 93
73) 1,3,5-Trimethylbenzene	15.99	105	105232m	0.594	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	117984m	0.597	ppbv	
75) 1,3-Dichlorobenzene	16.99	146	68217m	0.610	ppbv	
76) 1,4-Dichlorobenzene	17.14	146	64370m	0.577	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	66668m	0.591	ppbv	
78) Hexachloro-1,3-Butadiene	23.37	225	65630m	0.637	ppbv	
79) Naphthalene	22.20	128	71548m	0.470	ppbv	
80) Naphthalene, 2-methyl-	24.97	142	14822m	0.262	ppbv	
81) 1,2,4-Trichlorobenzene	21.92	180	45116m	0.468	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LOD-MDL-AIR-01-QT2-2022

Acq: 7 Jun 2022 22:15

Tot Ion:

Ion Ratio

49 100

128 48.

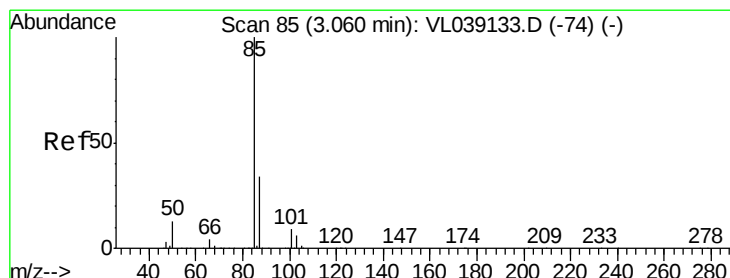
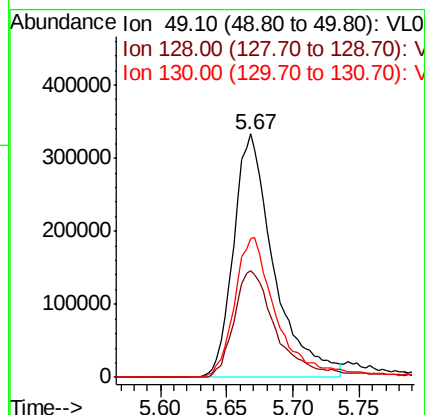
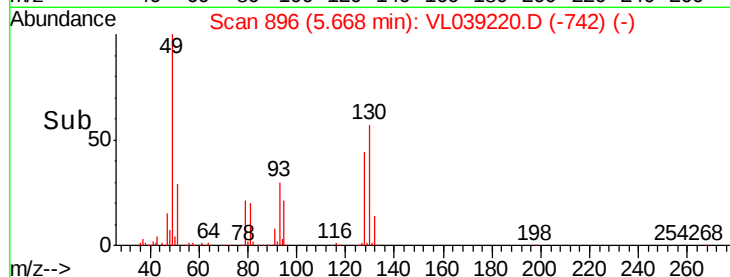
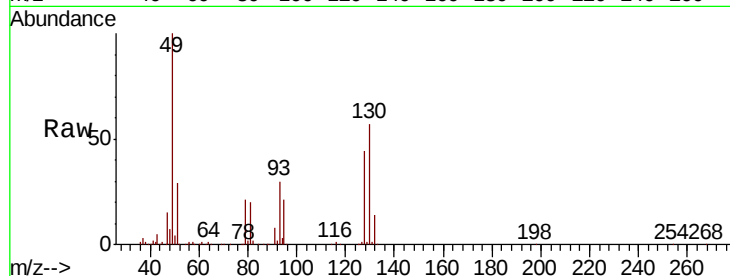
130 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#2

Dichlorodifluoromethane

Concen: 0.826 ppbv m

RT: 3.05 min Scan# 83

Delta R.T. -0.01 min

Lab File: VL039220.D

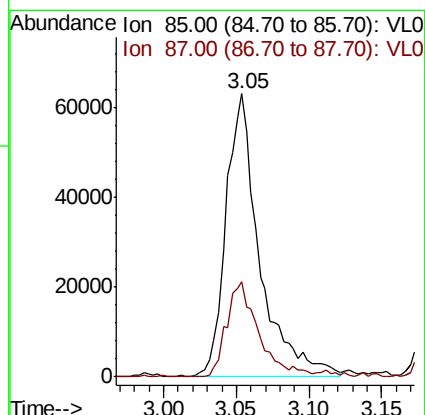
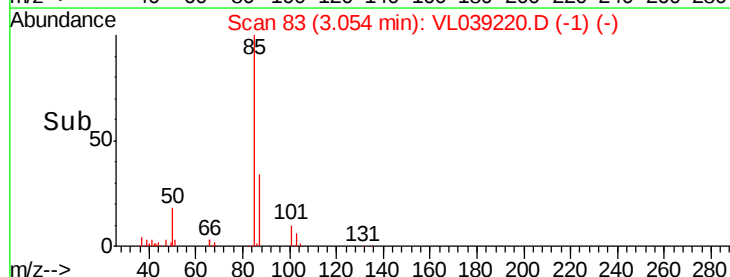
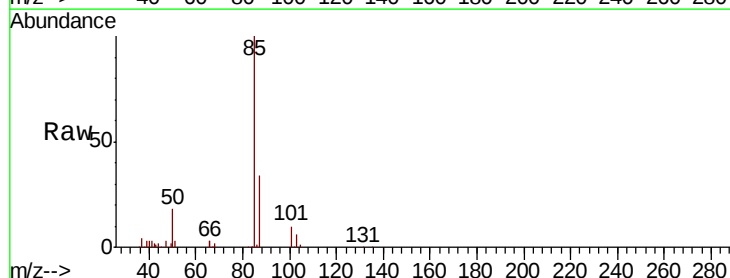
Acq: 7 Jun 2022 22:15

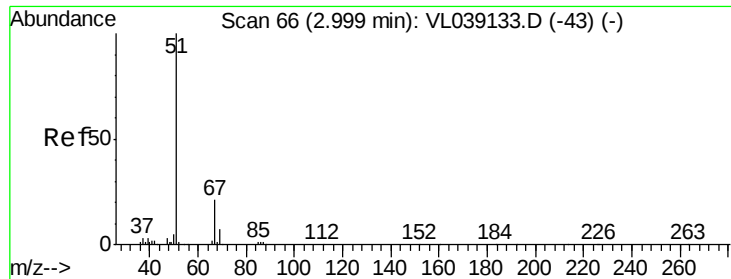
Tgt Ion: 85 Resp: 102254

Ion Ratio Lower Upper

85 100

87 33.7 26.9 40.3





#3

Chlorodifluoromethane

Concen: 0.717 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

51 100

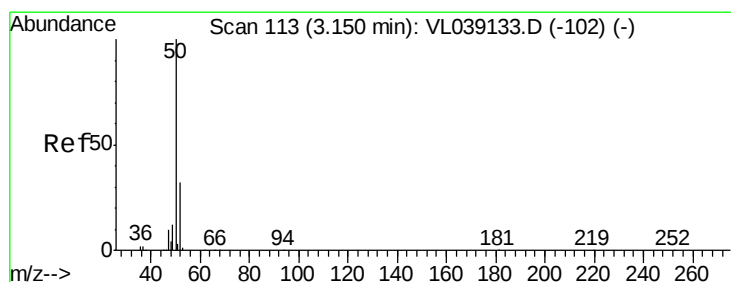
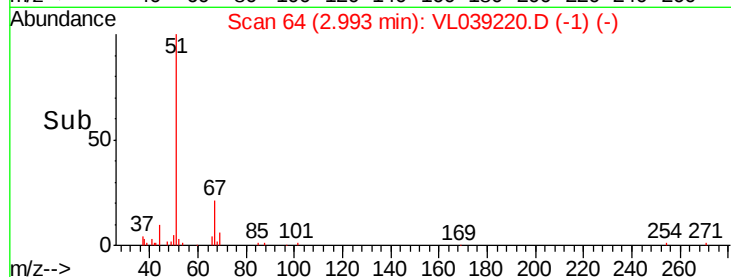
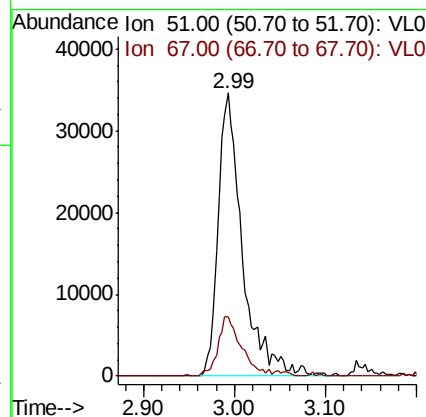
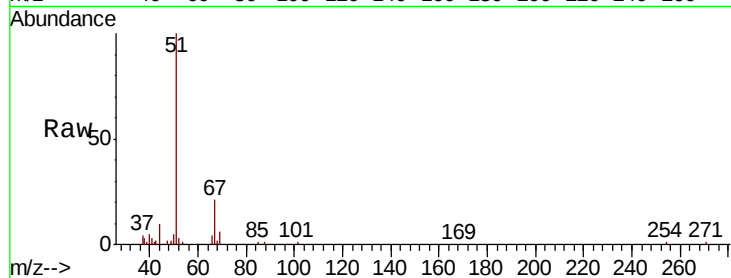
67 21.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#4

Chloromethane

Concen: 0.675 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039220.D

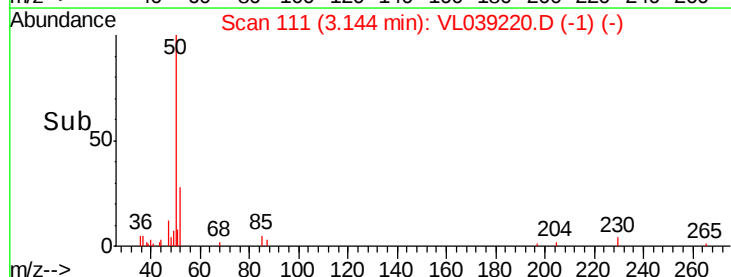
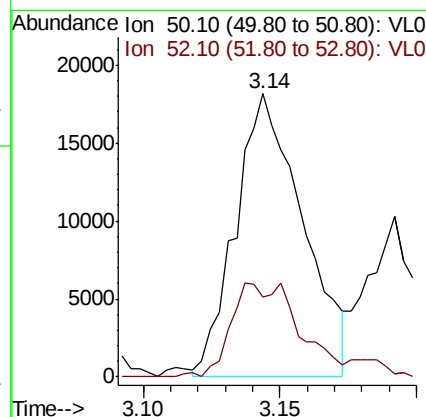
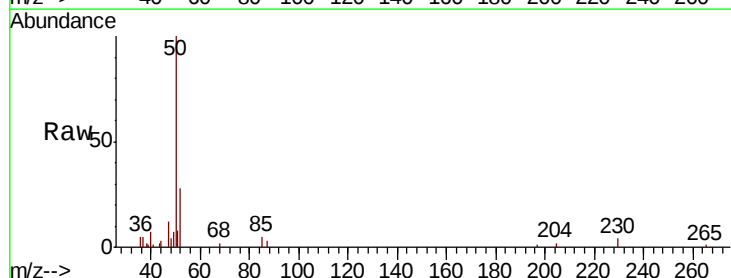
Acq: 7 Jun 2022 22:15

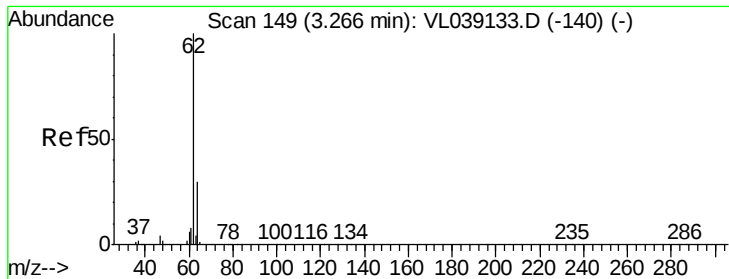
Tgt Ion: 50 Resp: 31068

Ion Ratio Lower Upper

50 100

52 25.4 25.9 38.9#





#5

Vinyl Chloride

Concen: 0.737 ppbv m

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

62 100

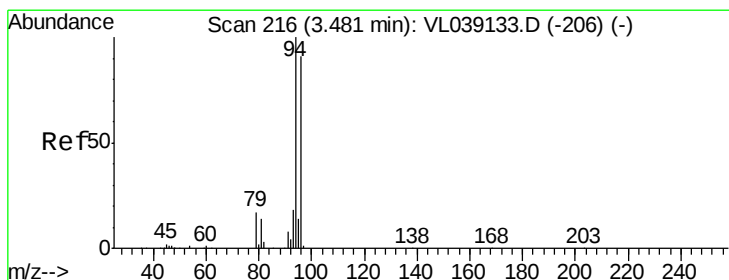
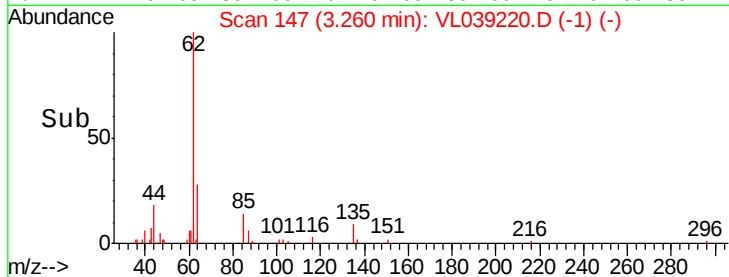
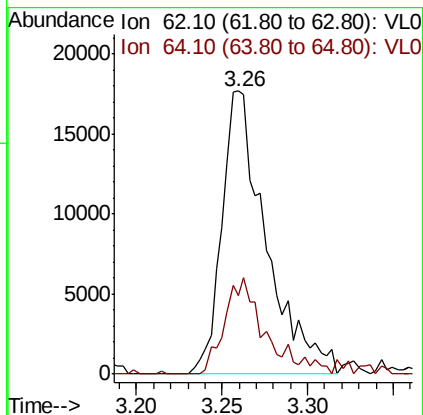
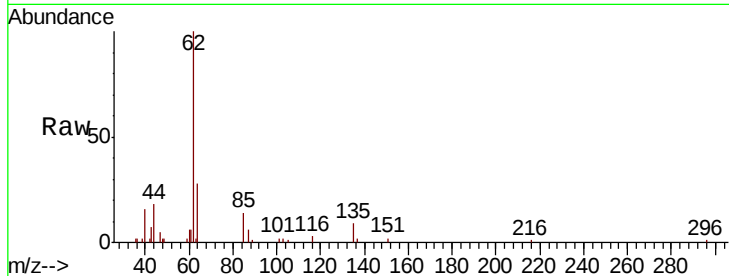
64 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#6

Bromomethane

Concen: 0.745 ppbv m

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL039220.D

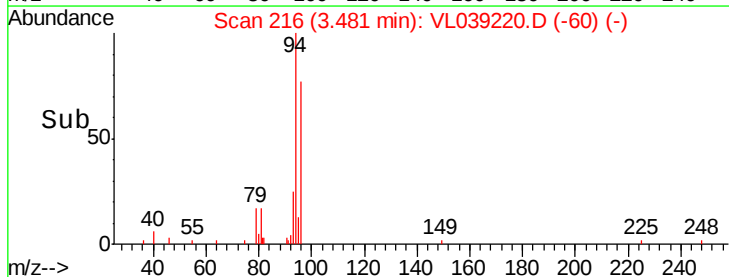
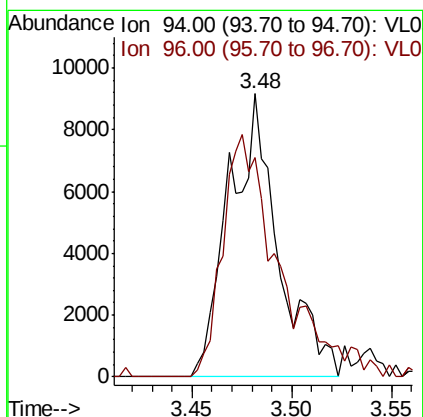
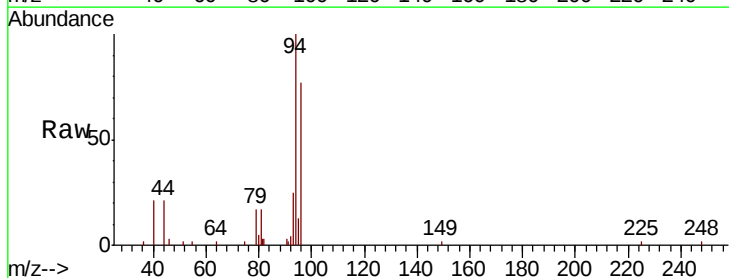
Acq: 7 Jun 2022 22:15

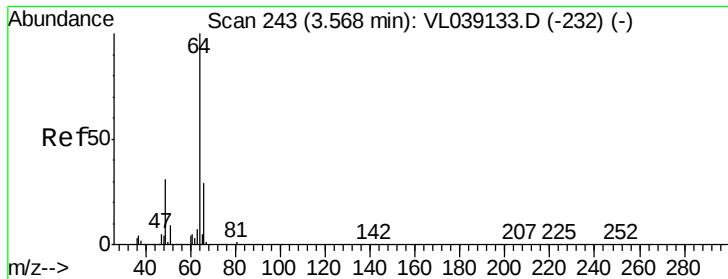
Tgt Ion: 94 Resp: 15779

Ion Ratio Lower Upper

94 100

96 77.5 73.0 109.4





#7

Chloroethane

Concen: 0.916 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

64 100

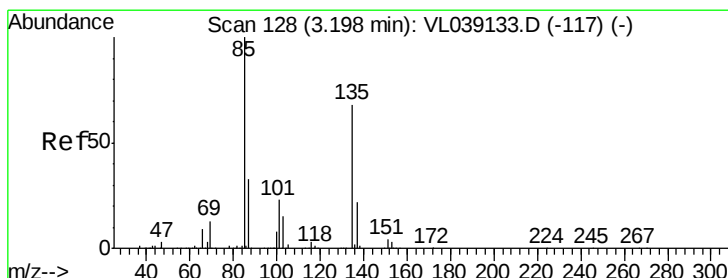
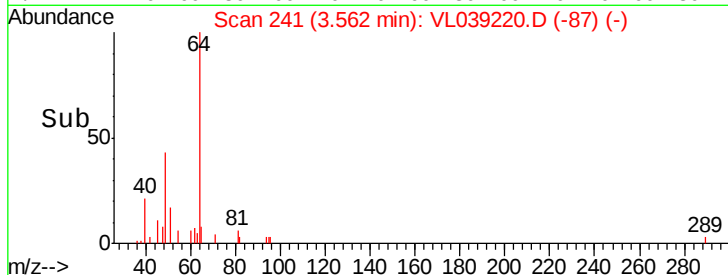
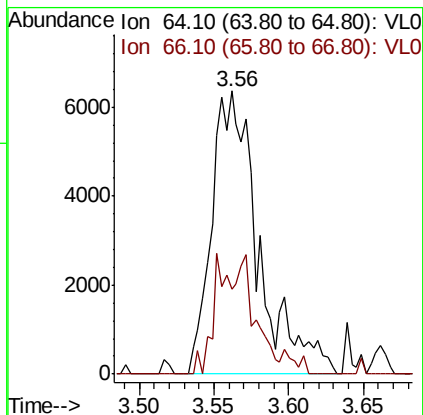
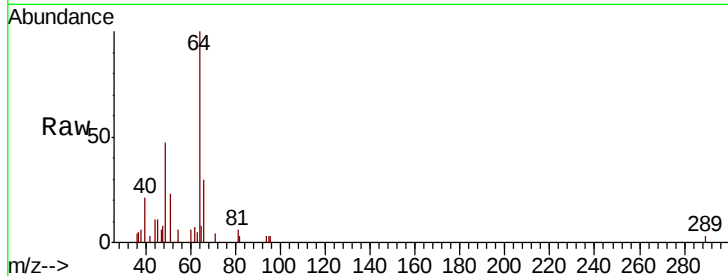
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#8

Dichlorotetrafluoroethane

Concen: 0.729 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.01 min

Lab File: VL039220.D

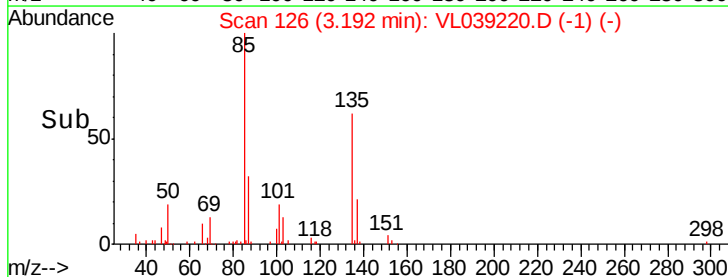
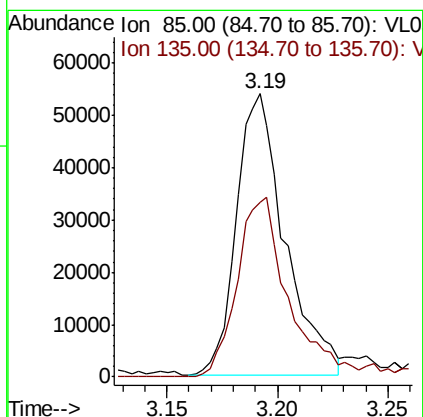
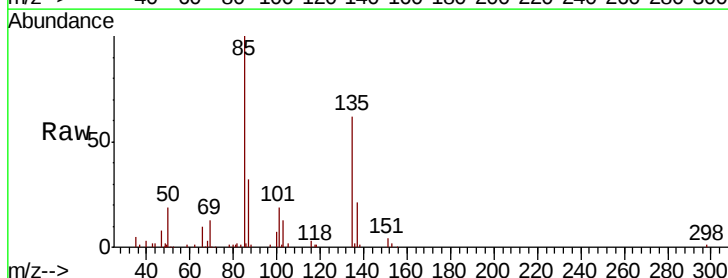
Acq: 7 Jun 2022 22:15

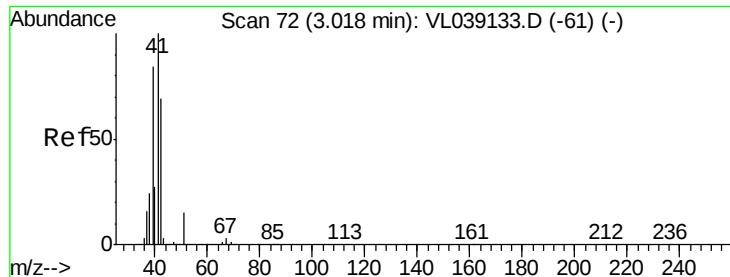
Tgt Ion: 85 Resp: 82479

Ion Ratio Lower Upper

85 100

135 70.0 55.0 82.4





#9

Propene

Concen: 0.705 ppbv m

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15

Tot Ion:

Ion Ratio

41 100

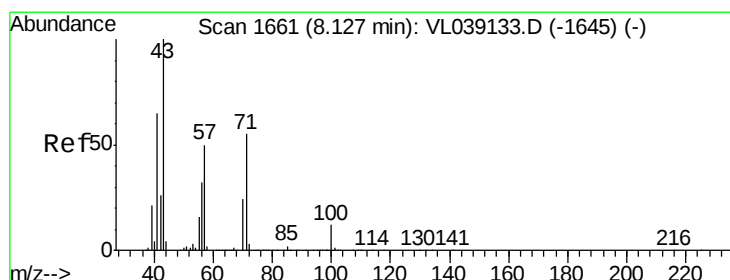
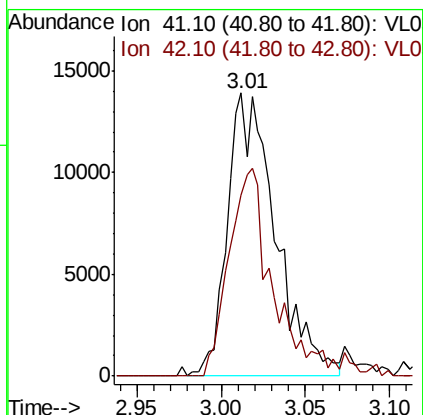
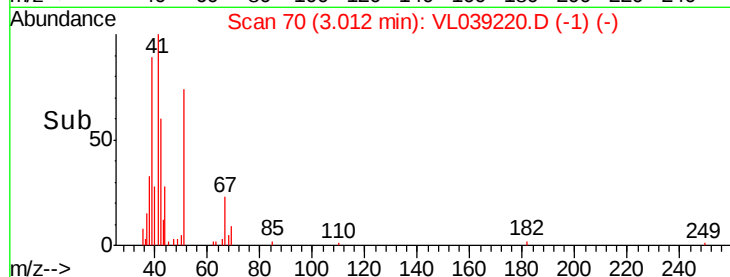
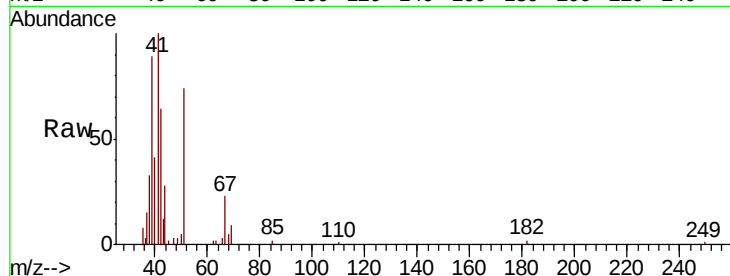
42 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#10

Heptane

Concen: 0.526 ppbv m

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL039220.D

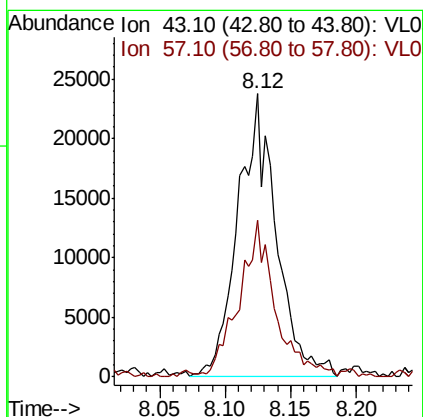
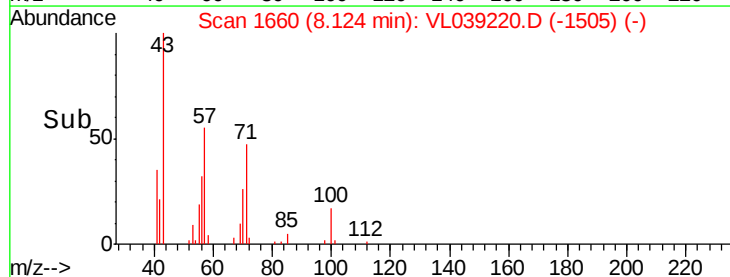
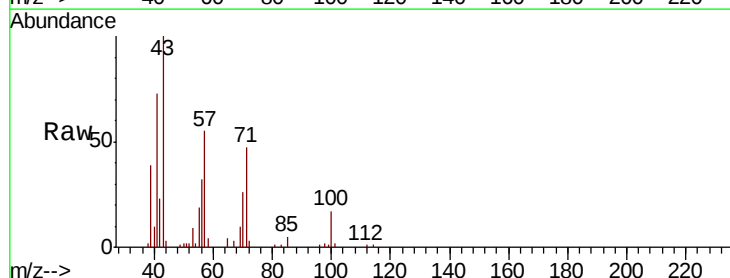
Acq: 7 Jun 2022 22:15

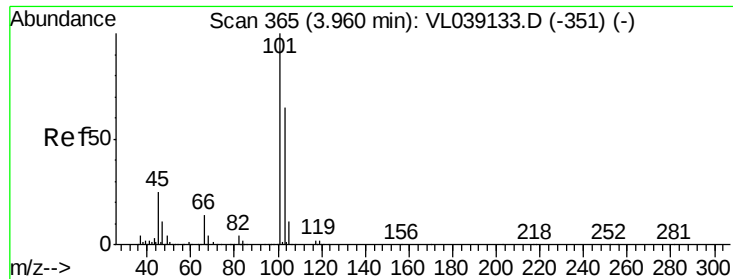
Tgt Ion: 43 Resp: 47995

Ion Ratio Lower Upper

43 100

57 0.0 41.4 62.2#





#11

Trichlorofluoromethane

Concen: 0.824 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1

Ion Rati

101 100

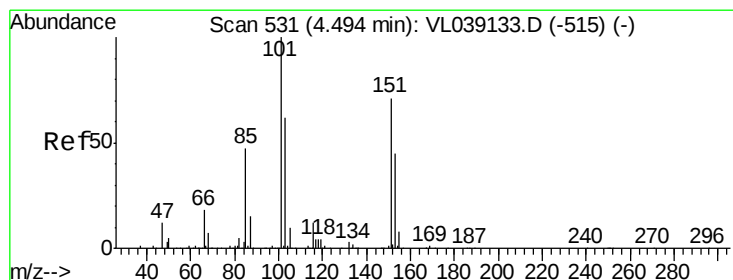
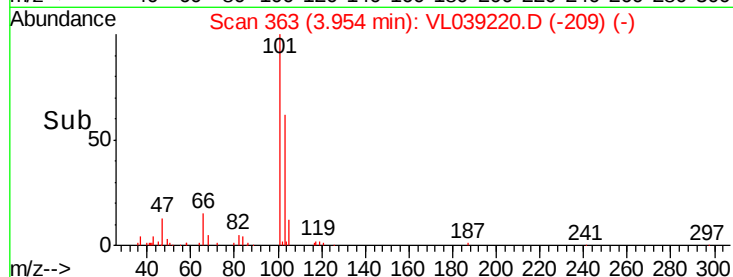
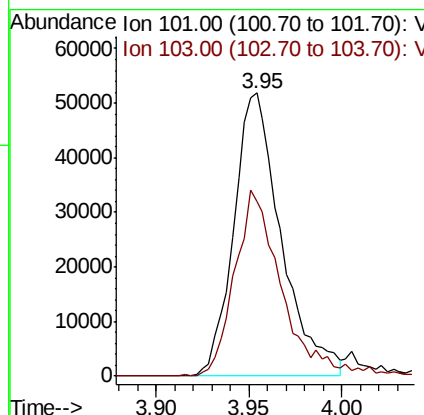
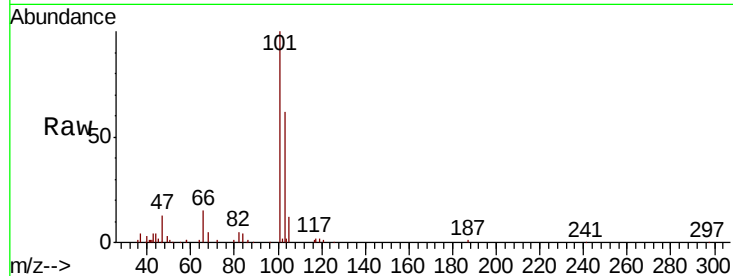
103 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.868 ppbv m

RT: 4.48 min Scan# 527

Delta R.T. -0.01 min

Lab File: VL039220.D

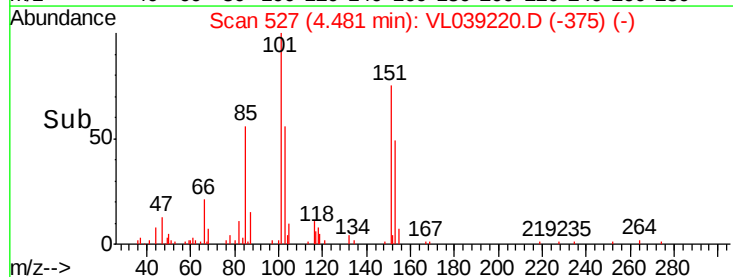
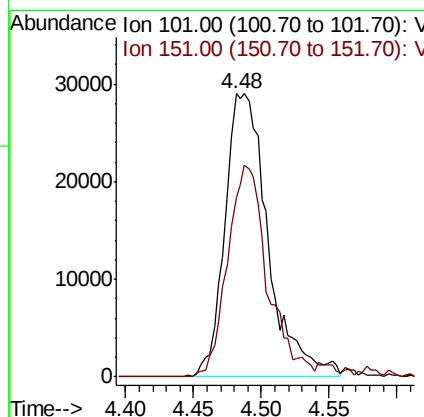
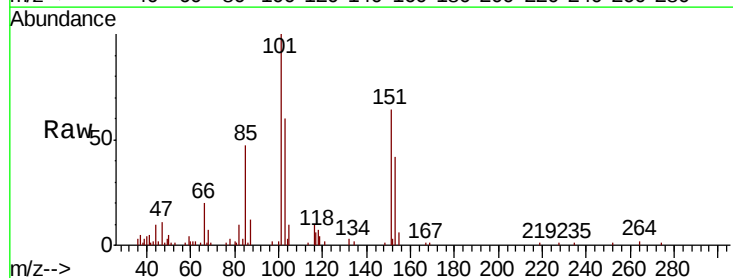
Acq: 7 Jun 2022 22:15

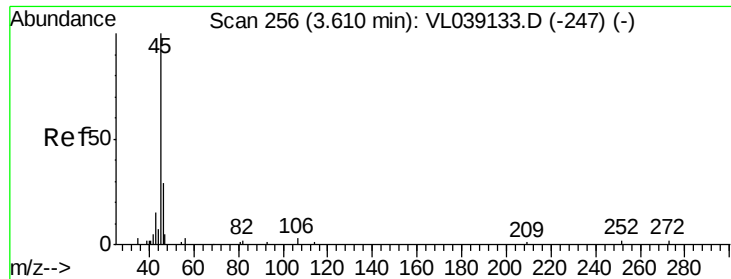
Tgt Ion:101 Resp: 64264

Ion Ratio Lower Upper

101 100

151 71.4 59.4 89.0





#13

Ethanol

Concen: 1.383 ppbv m

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

45 100

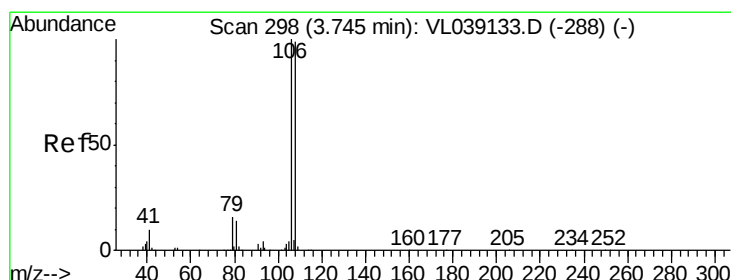
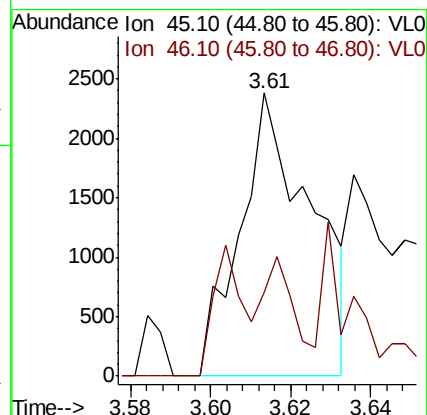
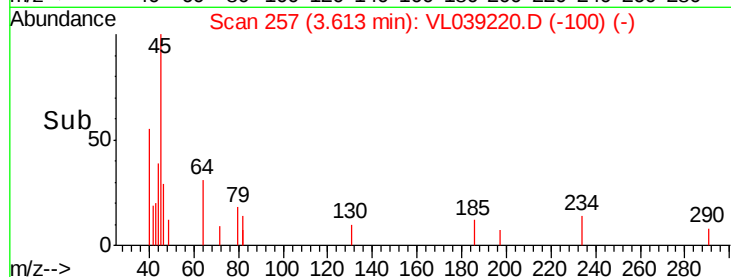
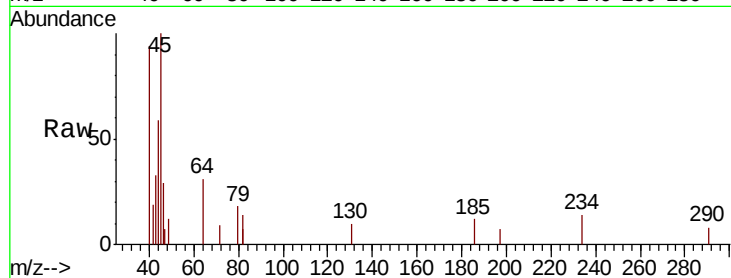
46 76.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#14

Bromoethene

Concen: 0.792 ppbv m

RT: 3.74 min Scan# 295

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

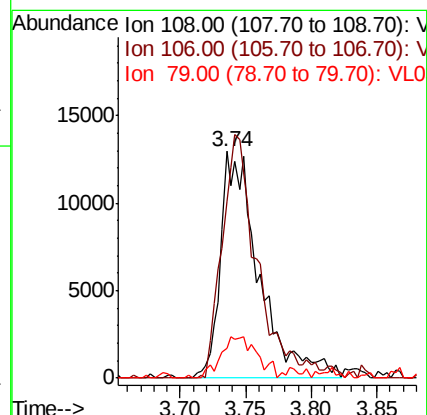
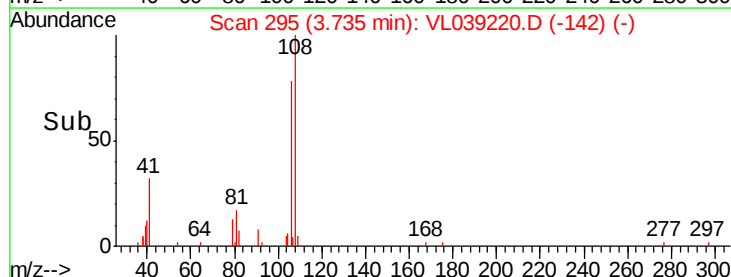
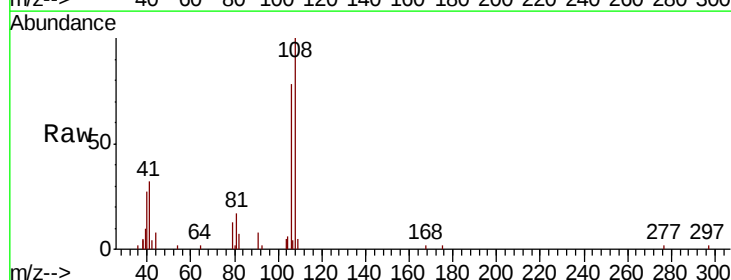
Tgt Ion:108 Resp: 26360

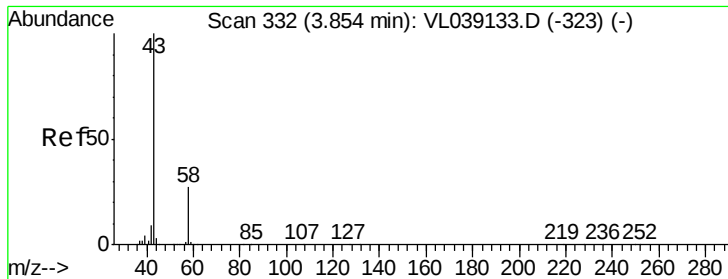
Ion Ratio Lower Upper

108 100

106 102.2 88.4 132.6

79 19.2 13.4 20.2





#15

Acetone

Concen: 1.007 ppbv m

RT: 3.86 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

43 100

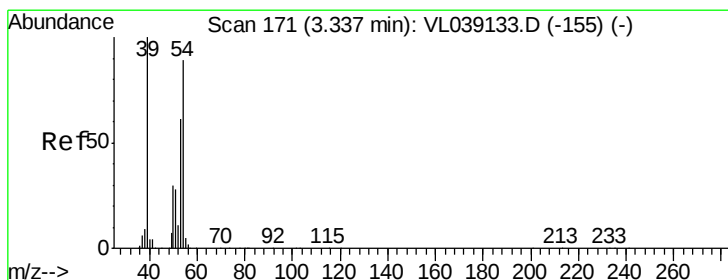
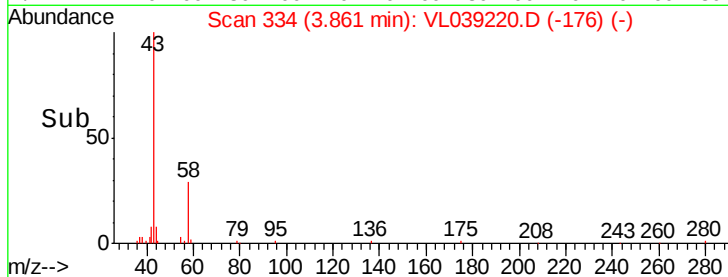
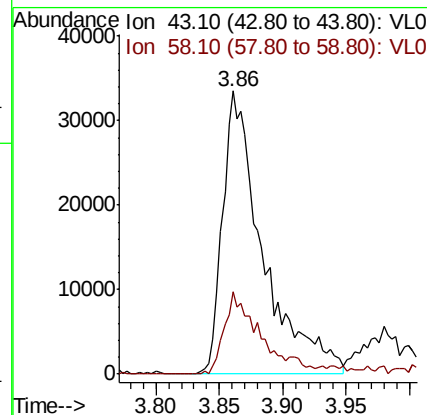
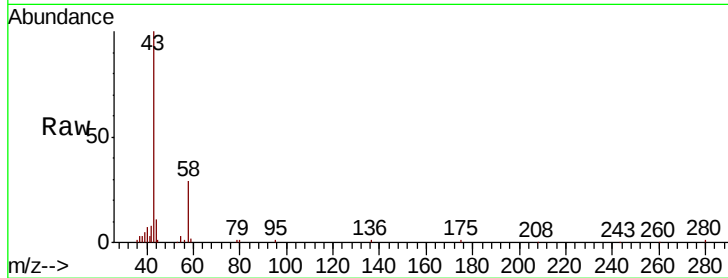
58 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#16

1,3-Butadiene

Concen: 0.784 ppbv m

RT: 3.33 min Scan# 169

Delta R.T. -0.01 min

Lab File: VL039220.D

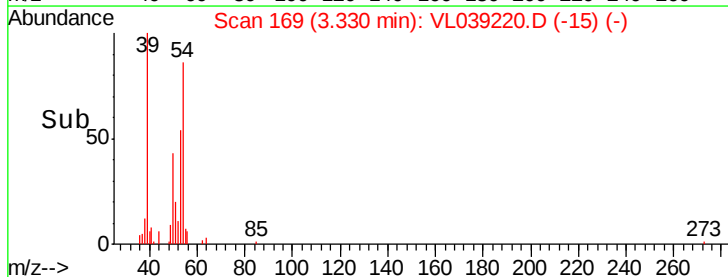
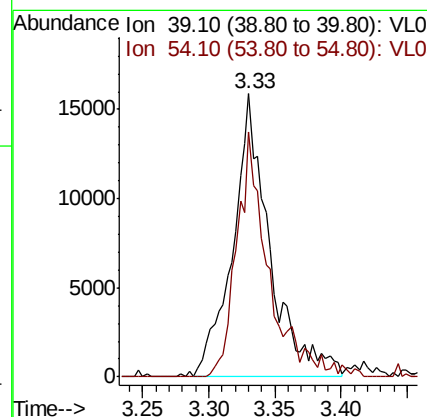
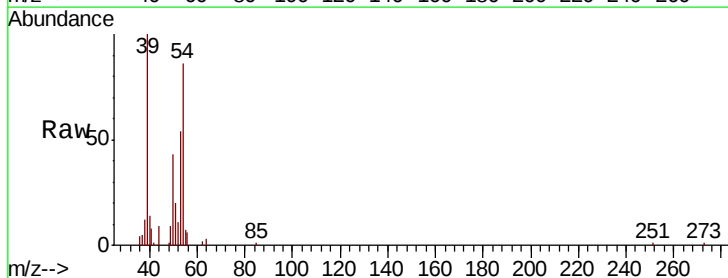
Acq: 7 Jun 2022 22:15

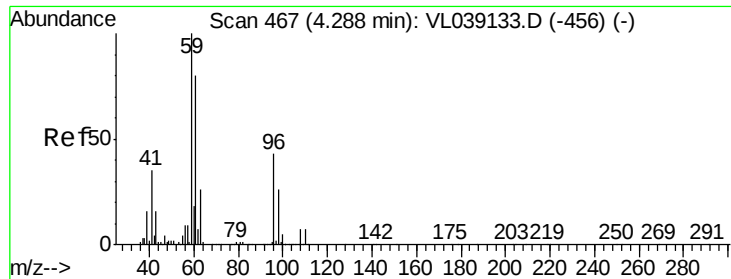
Tgt Ion: 39 Resp: 30925

Ion Ratio Lower Upper

39 100

54 74.5 65.8 98.6





#17

tert-Butyl alcohol

Concen: 0.867 ppbv m

RT: 4.31 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

59 100

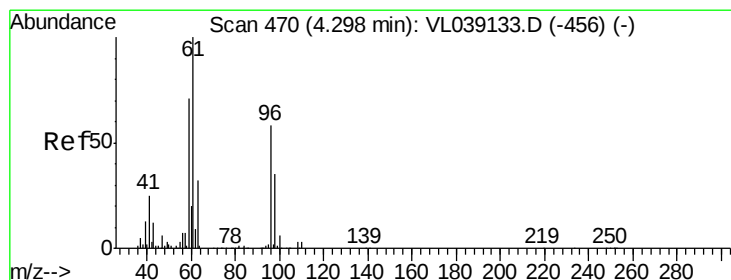
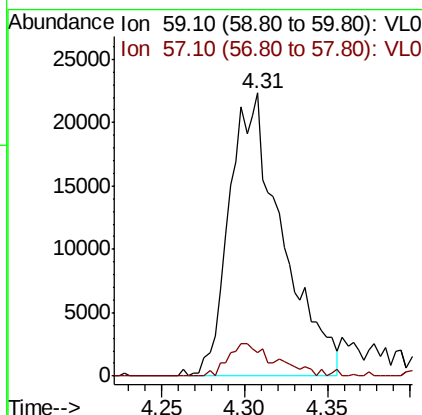
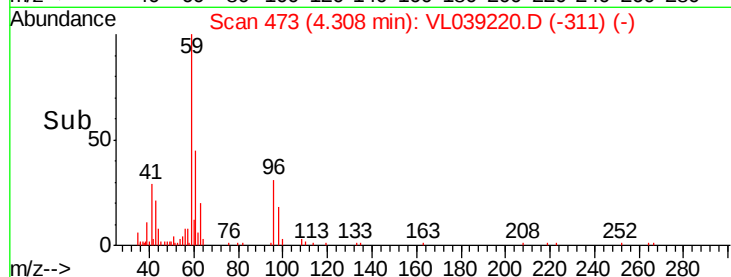
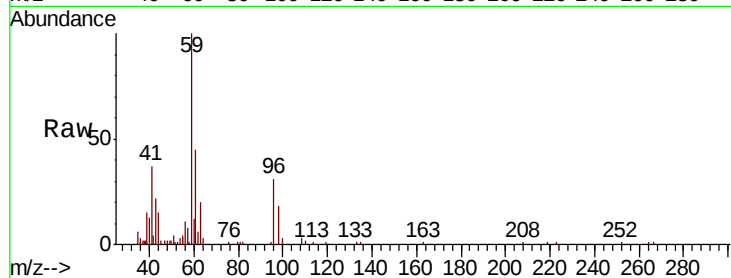
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#18

1,1-Dichloroethene

Concen: 0.766 ppbv

RT: 4.29 min Scan# 468

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

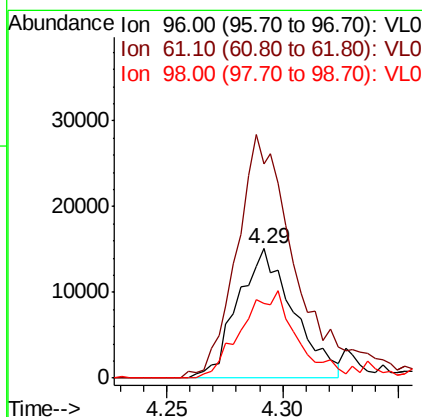
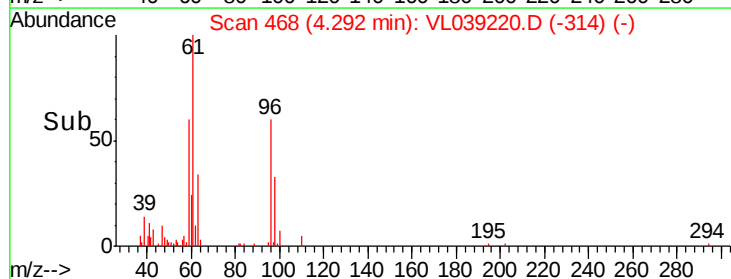
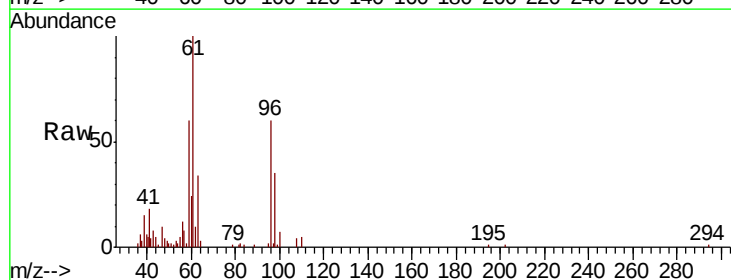
Tgt Ion: 96 Resp: 25466

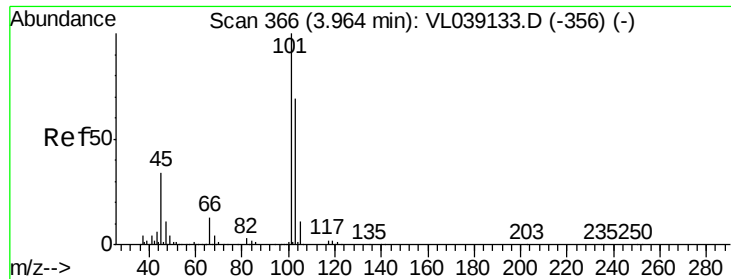
Ion Ratio Lower Upper

96 100

61 160.8 138.4 207.6

98 57.8 47.8 71.8





#19

Isopropyl Alcohol

Concen: 0.819 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:15

Tot Ion:

Ion Ratio

45 100

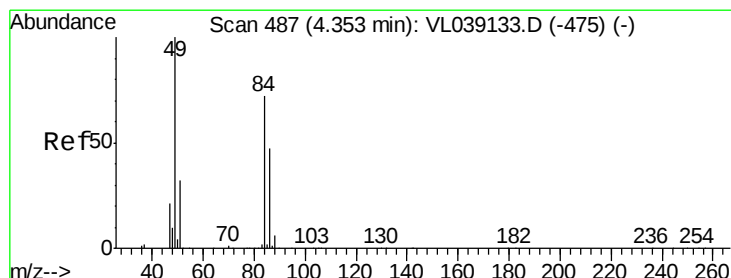
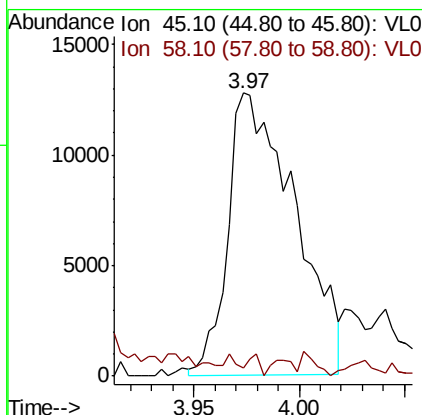
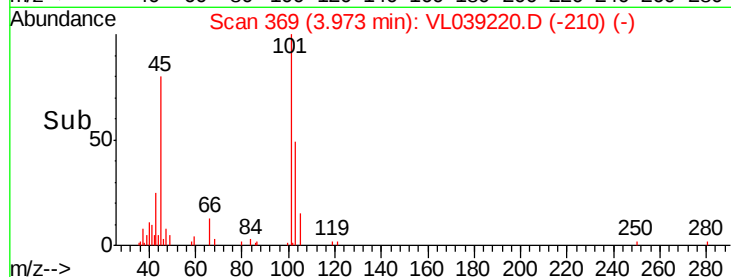
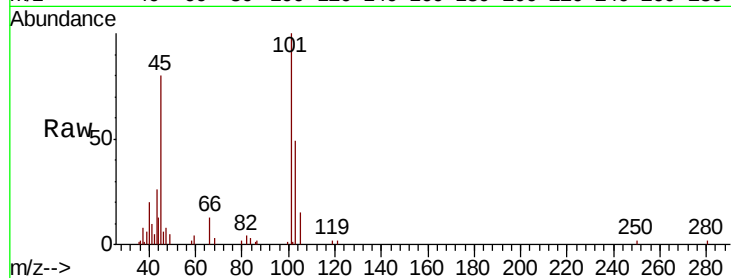
58 6.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#20

Methylene Chloride

Concen: 1.015 ppbv m

RT: 4.35 min Scan# 485

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tgt Ion: 84 Resp: 31383

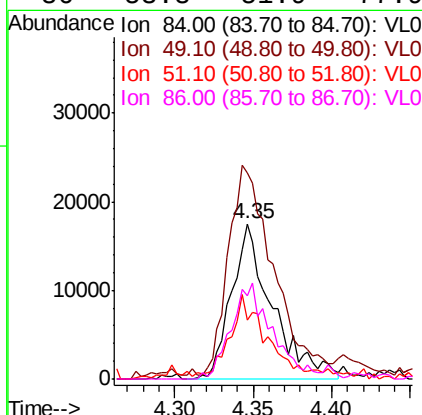
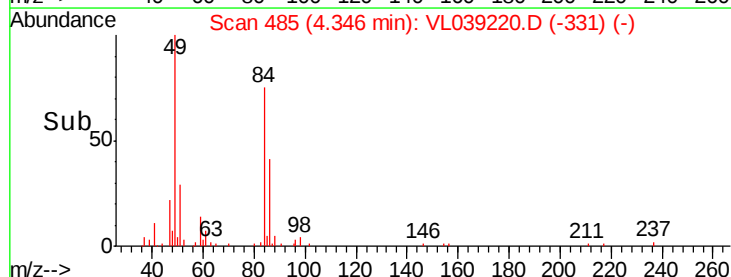
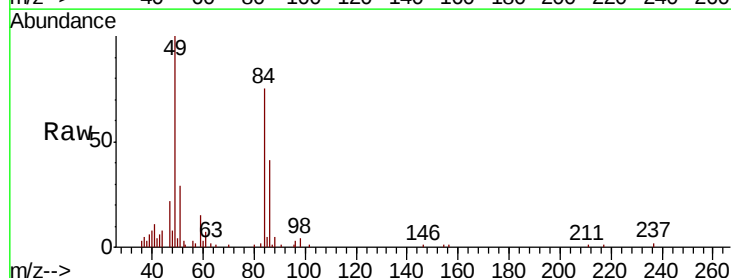
Ion Ratio Lower Upper

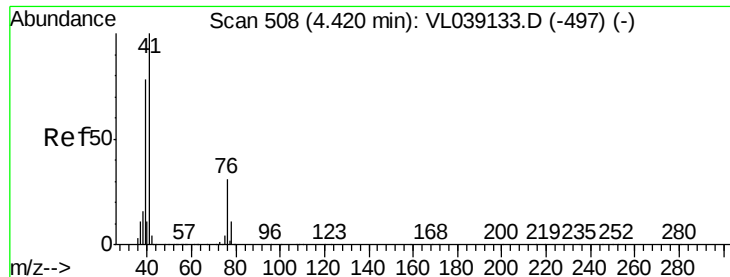
84 100

49 132.6 111.1 166.7

51 38.1 35.3 52.9

86 53.8 51.9 77.9



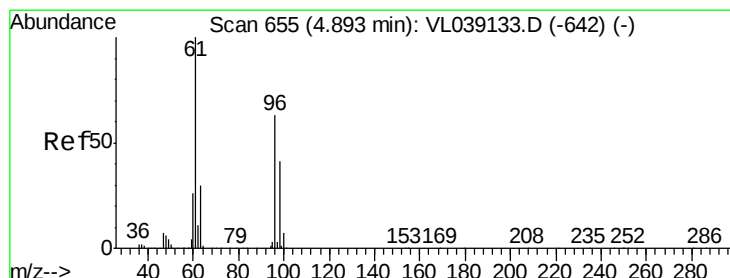
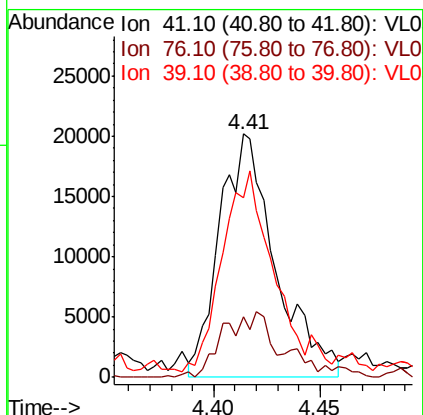
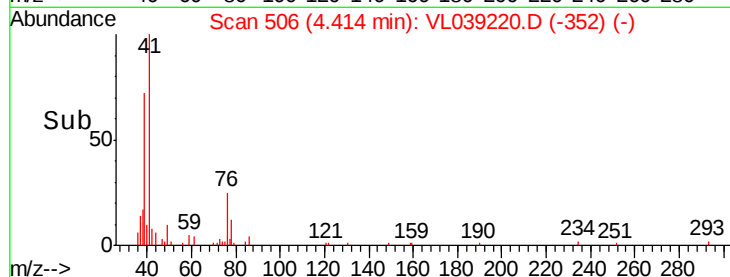
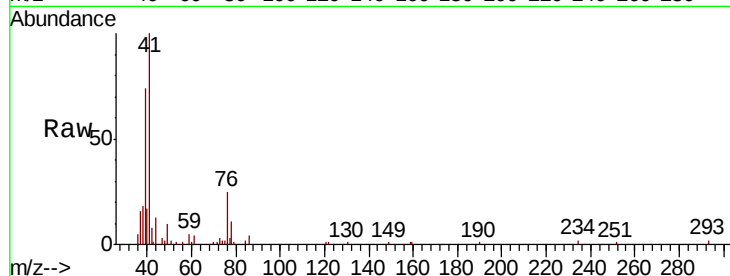


#21
Allvl Chloride
Concen: 0.748 ppbv m
RT: 4.41
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
LOD-MDL-AIR-01-QT2-2022
Acq: 7 Jun 2022 22:15

Tot Ion:
Ion Rati
41 100
76 29.
39 96.

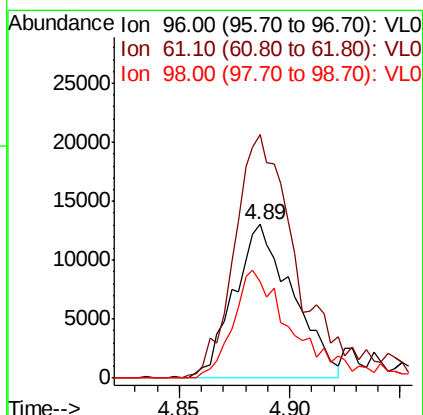
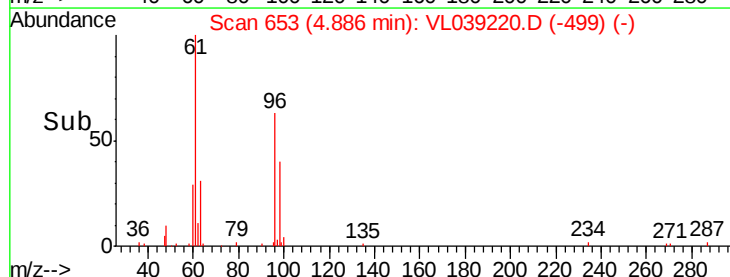
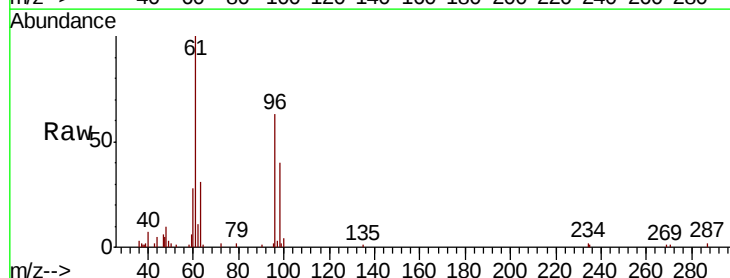
Manual Integrations
APPROVED

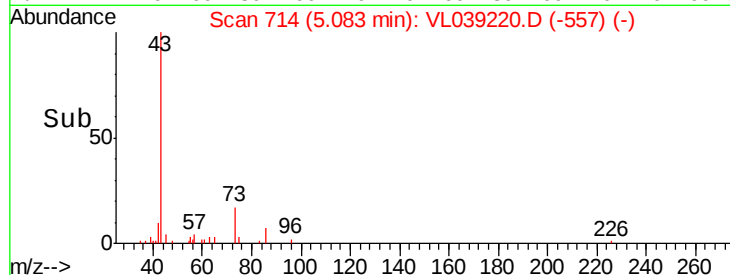
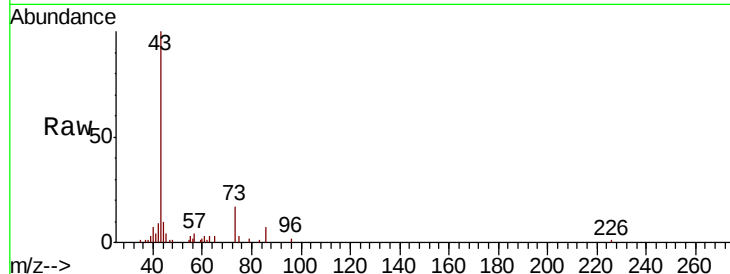
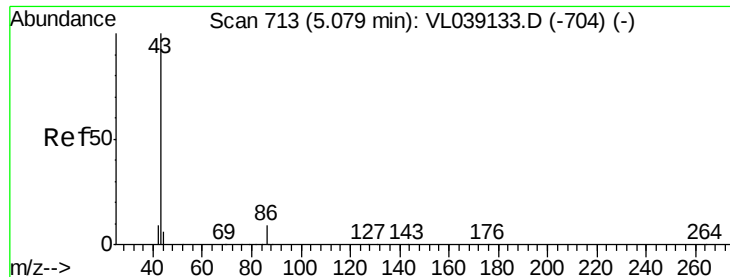
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#22
trans-1,2-Dichloroethene
Concen: 0.755 ppbv
RT: 4.89 min Scan# 653
Delta R.T. -0.01 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tgt Ion: 96 Resp: 24142
Ion Ratio Lower Upper
96 100
61 156.6 126.6 190.0
98 62.8 52.5 78.7



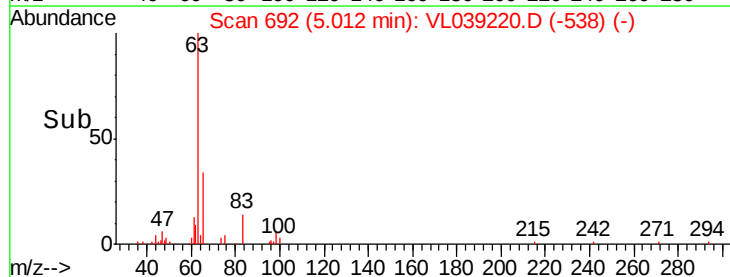
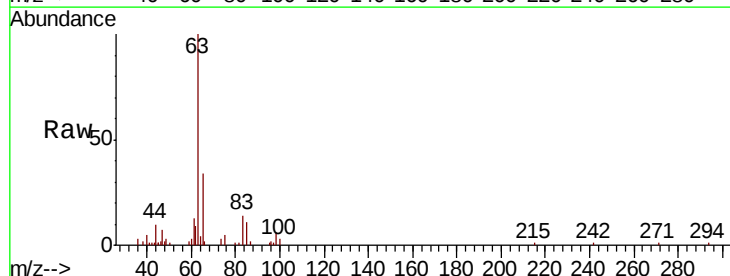
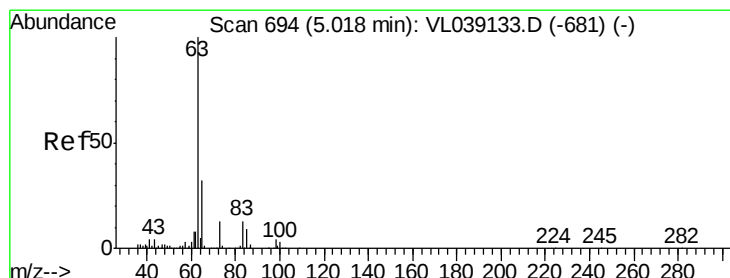
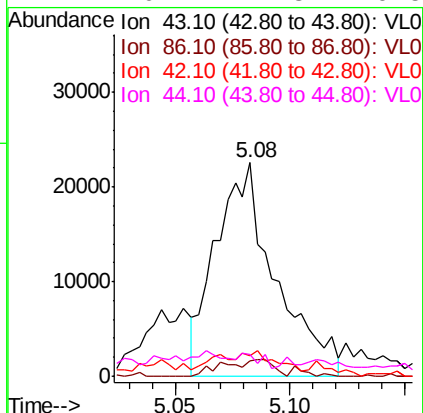


#23
 Vinyl Acetate
 Concen: 0.670 ppbv m
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 22:15

Tot Ion:
 Ion Ratio
 43 100
 86 7.
 42 9.
 44 10.4 4.3 6.5#

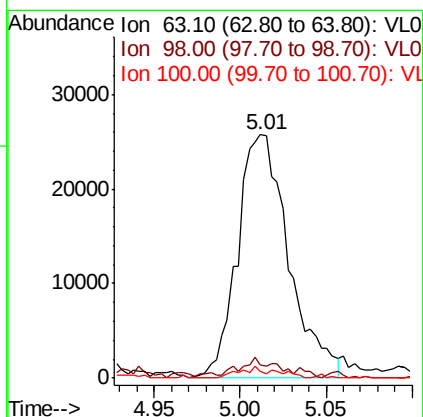
Manual Integrations
 APPROVED

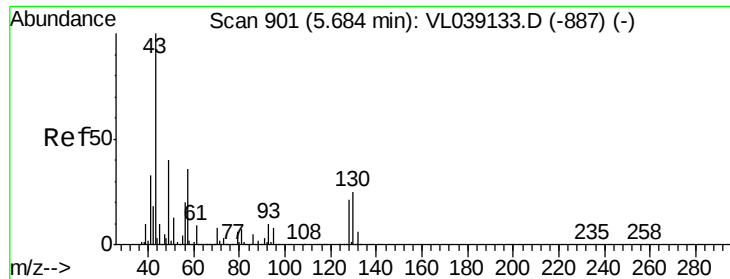
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#24
 1,1-Dichloroethane
 Concen: 0.638 ppbv
 RT: 5.01 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tgt Ion: 63 Resp: 53048
 Ion Ratio Lower Upper
 63 100
 98 3.1 2.1 6.2
 100 2.9 1.5 4.5



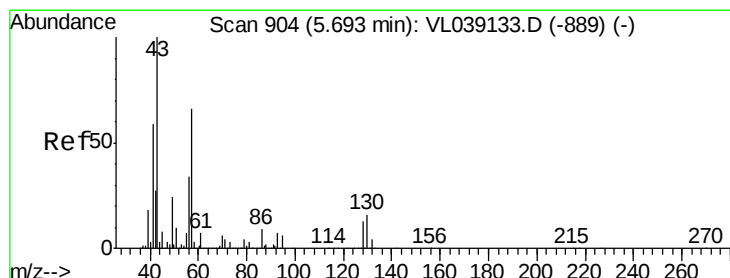
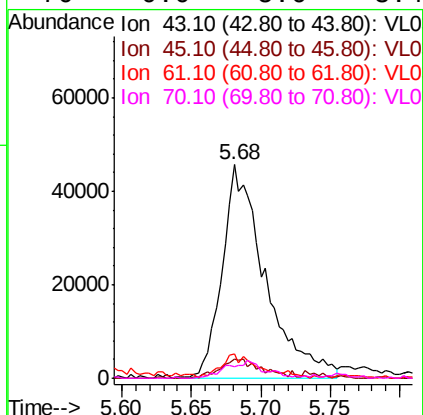
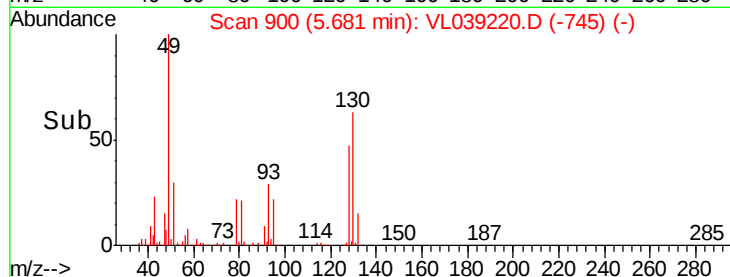
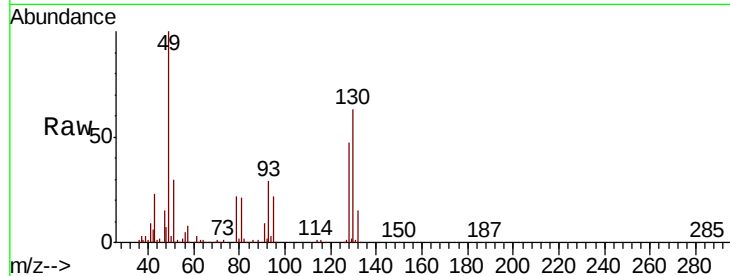


#25
Ethyl Acetate
Concen: 0.594 ppbv m
RT: 5.68
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId:
Acq: 7 Jun 2022 22:15
LOD-MDL-AIR-01-QT2-2022

Tot Ion:
Ion Ratio
43 100
45 0.
61 11.
70 0.0 5.6 8.4#

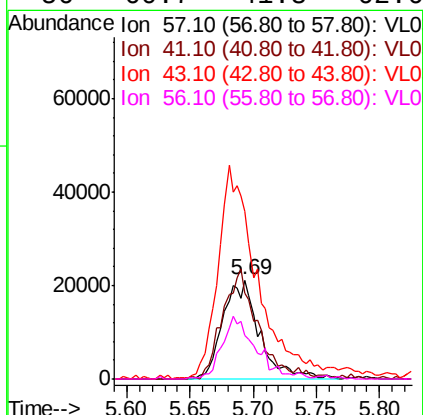
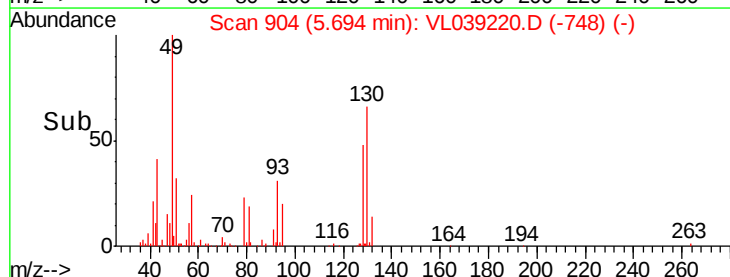
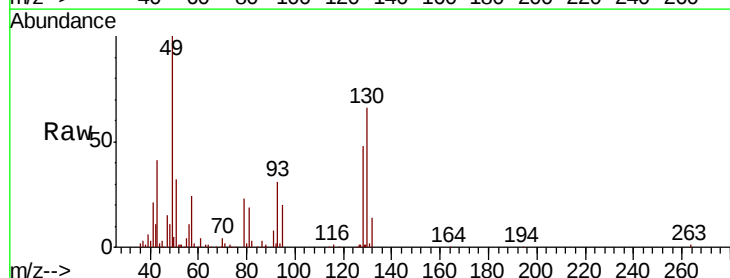
Manual Integrations
APPROVED

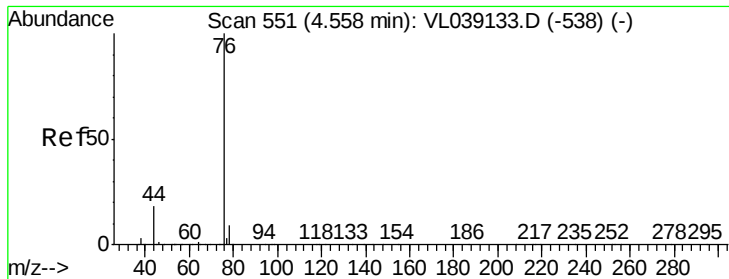
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#26
Hexane
Concen: 0.586 ppbv m
RT: 5.69 min Scan# 904
Delta R.T. 0.00 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tgt Ion: 57 Resp: 42629
Ion Ratio Lower Upper
57 100
41 0.0 72.4 108.6#
43 243.6 187.0 280.6
56 60.7 41.8 62.6



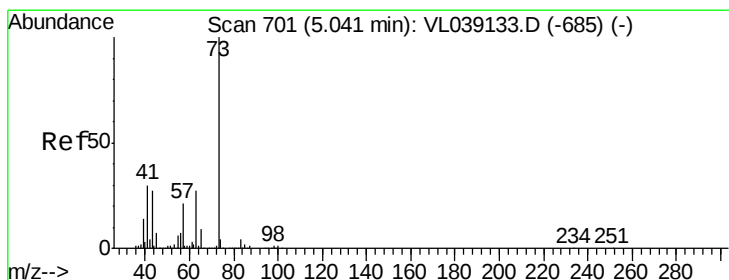
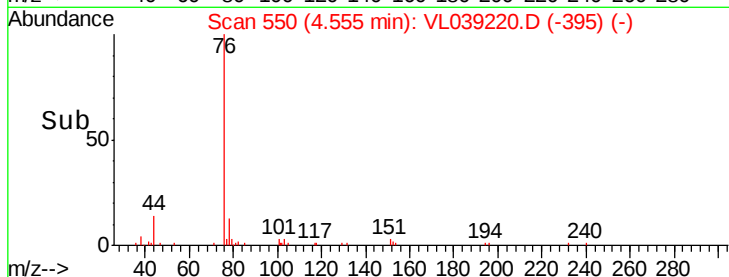
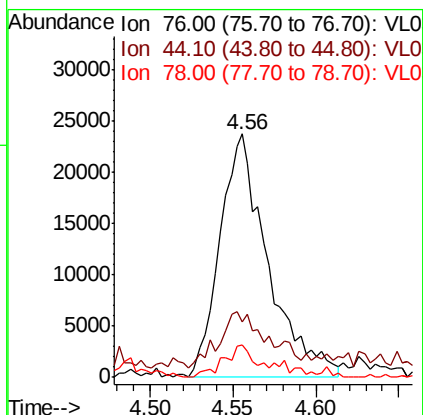
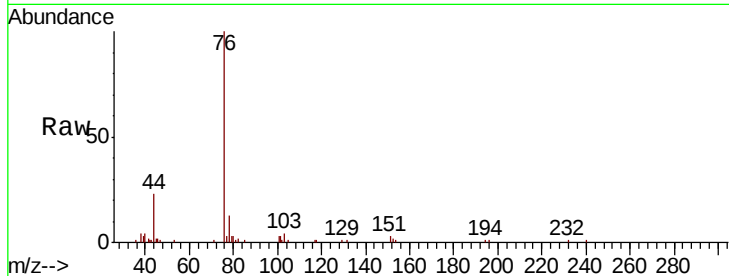


#27
Carbon Disulfide
Concen: 0.632 ppbv
RT: 4.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 22:15

Tot Ion:
Ion Ratio
76 100
44 30.
78 12.

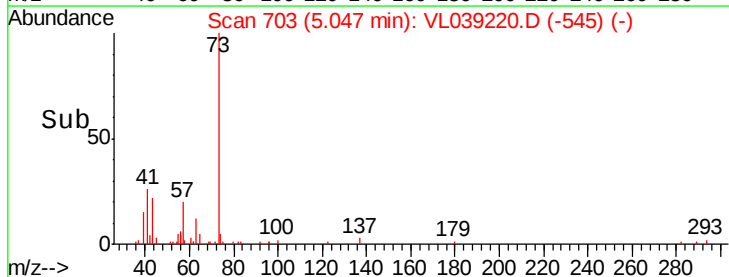
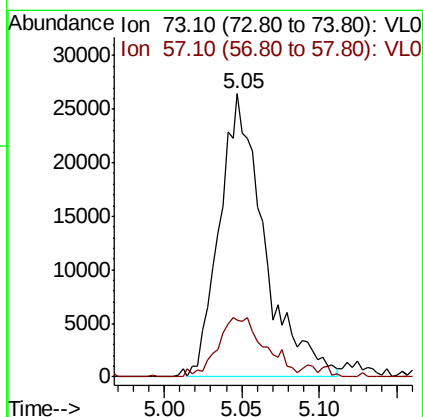
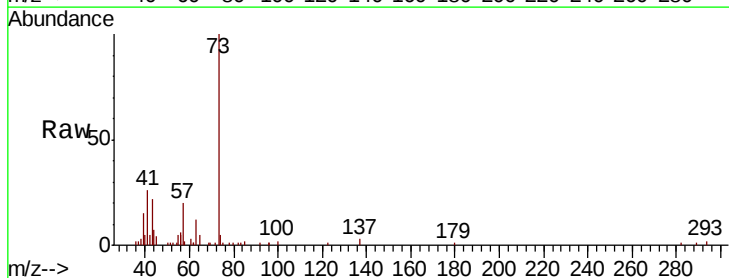
Manual Integrations
APPROVED

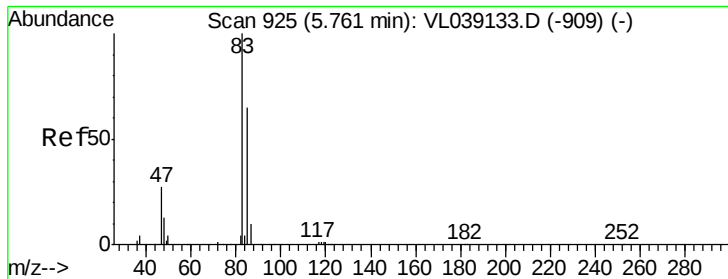
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#28
Methyl tert-Butyl Ether
Concen: 0.663 ppbv m
RT: 5.05 min Scan# 703
Delta R.T. 0.01 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tgt Ion: 73 Resp: 53188
Ion Ratio Lower Upper
73 100
57 24.1 18.6 27.8





#29

Chloroform

Concen: 0.697 ppbv m

RT: 5.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

83 100

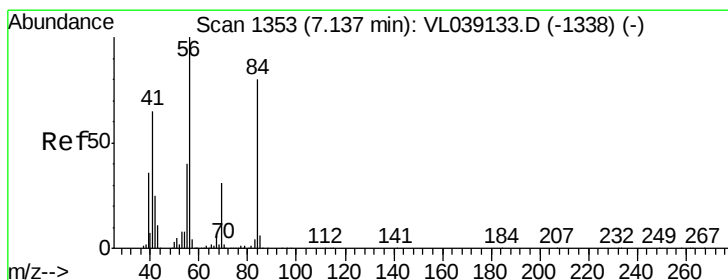
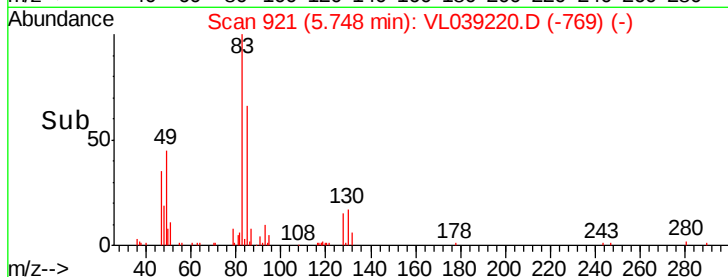
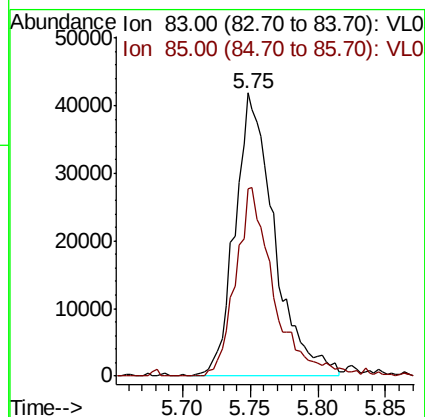
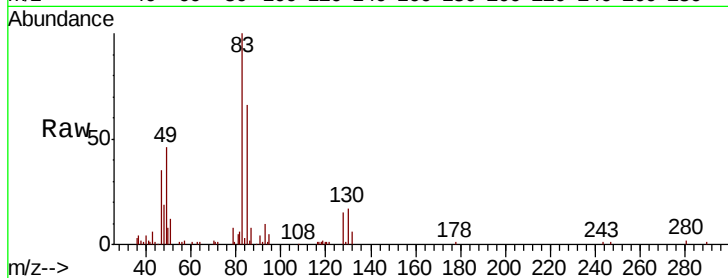
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#30

Cyclohexane

Concen: 0.526 ppbv m

RT: 7.13 min Scan# 1351

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

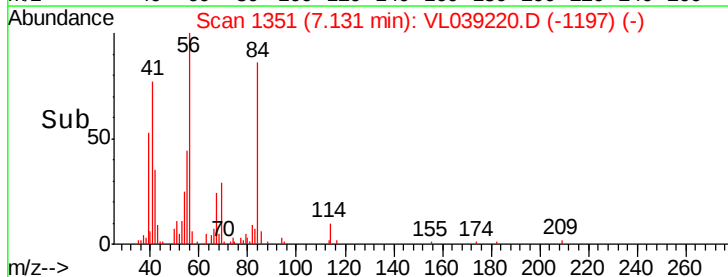
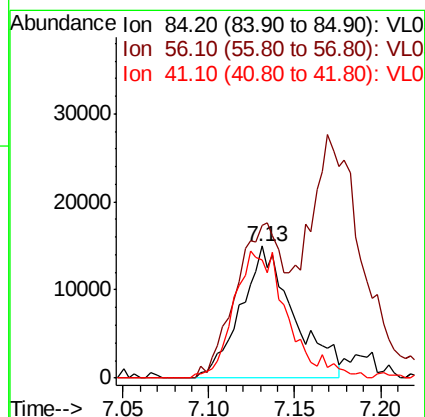
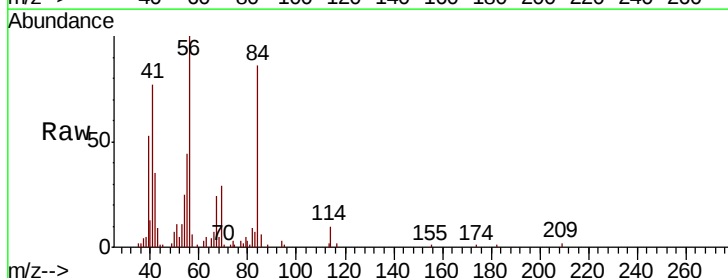
Tgt Ion: 84 Resp: 32117

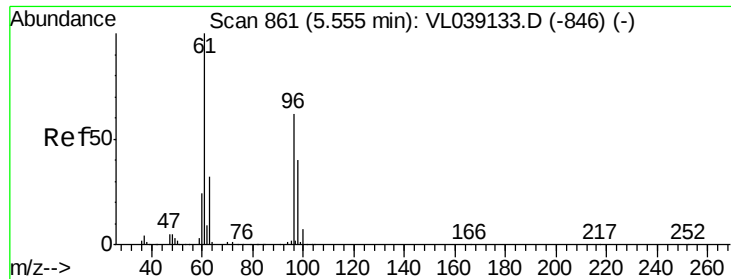
Ion Ratio Lower Upper

84 100

56 113.4 110.6 165.8

41 98.8 68.9 103.3





#31

cis-1,2-Dichloroethene

Concen: 0.612 ppbv m

RT: 5.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

61 100

96 56.

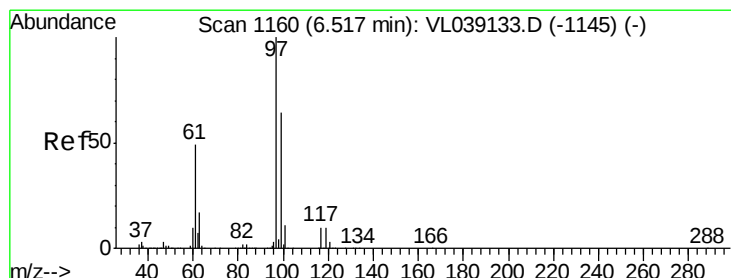
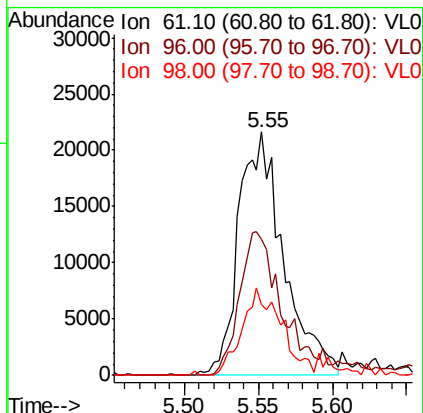
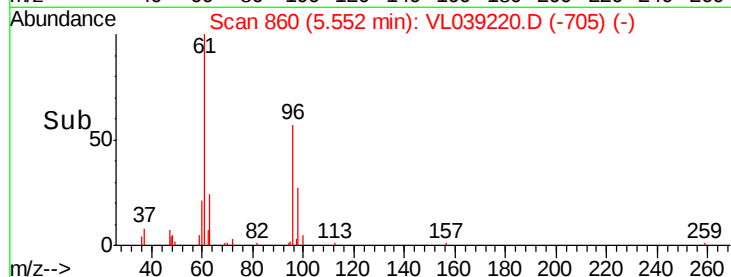
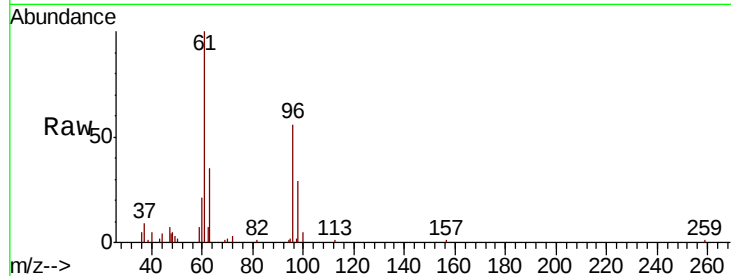
98 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#32

1,1,1-Trichloroethane

Concen: 0.663 ppbv m

RT: 6.51 min Scan# 1159

Delta R.T. -0.00 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

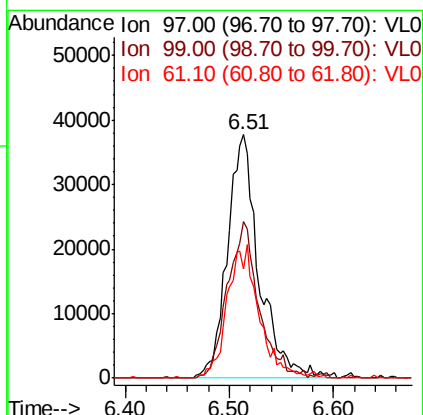
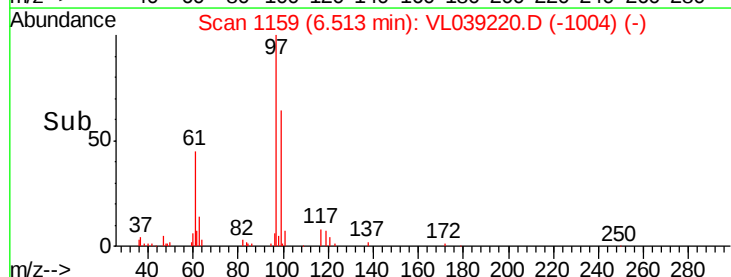
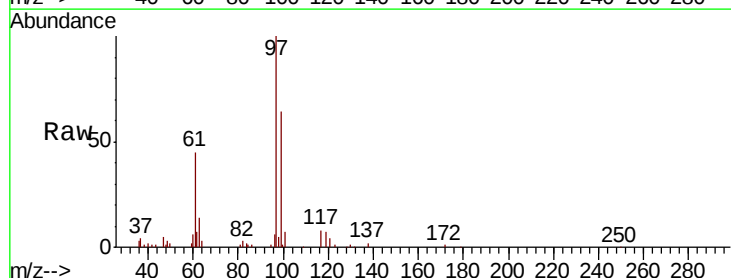
Tgt Ion: 97 Resp: 79353

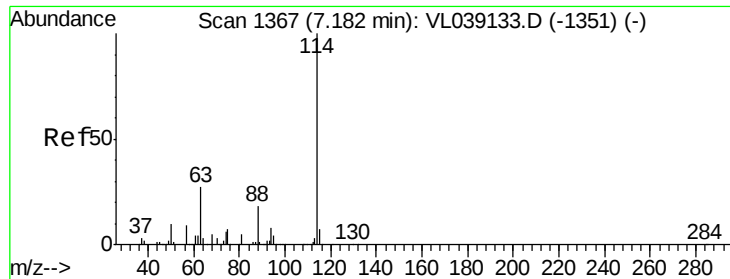
Ion Ratio Lower Upper

97 100

99 64.4 52.1 78.1

61 55.2 40.0 60.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1

Ion Rati

114 100

63 29.

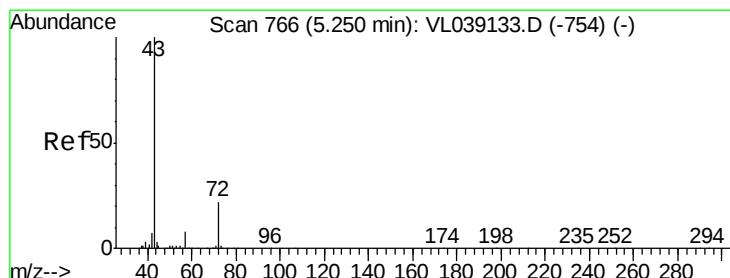
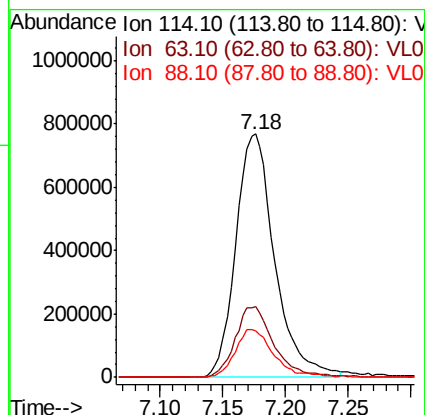
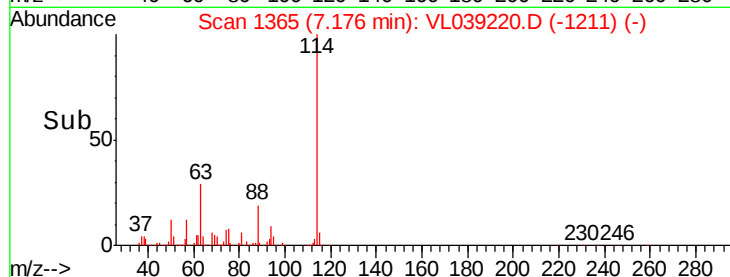
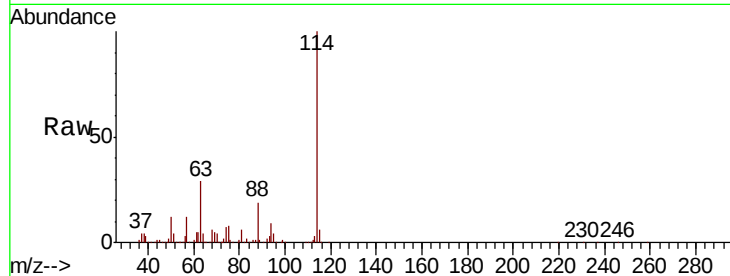
88 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#34

2-Butanone

Concen: 0.583 ppbv

RT: 5.26 min Scan# 768

Delta R.T. 0.01 min

Lab File: VL039220.D

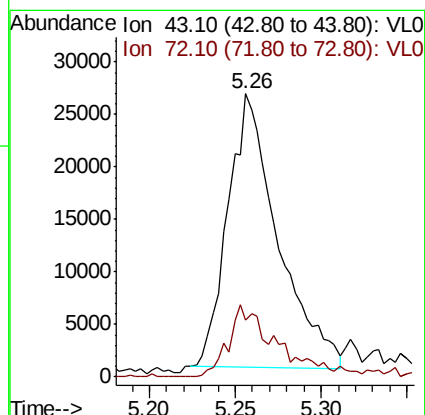
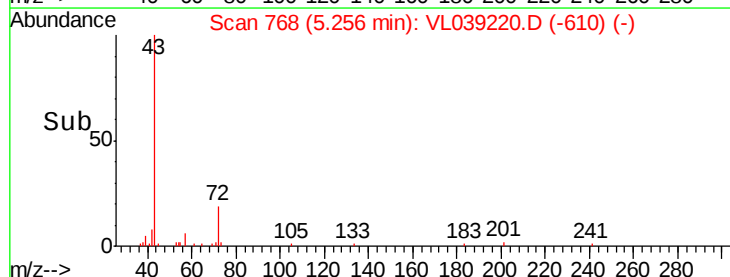
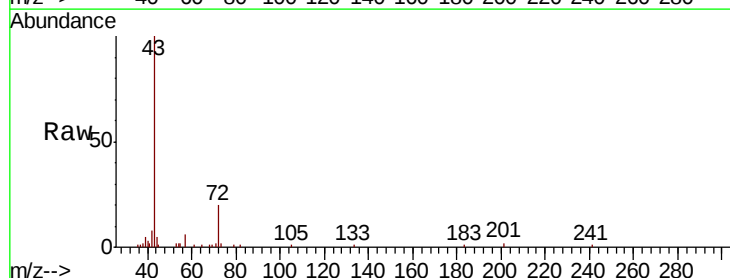
Acq: 7 Jun 2022 22:15

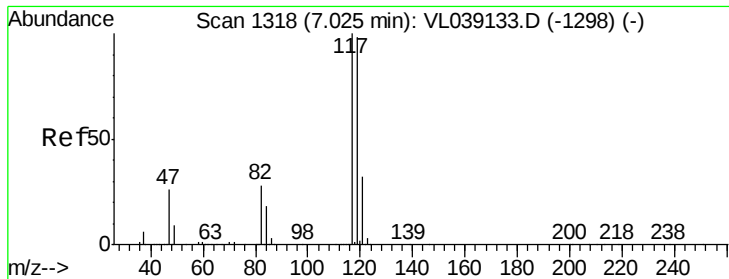
Tgt Ion: 43 Resp: 52539

Ion Ratio Lower Upper

43 100

72 25.9 18.2 27.2





#35

Carbon Tetrachloride

Concen: 0.657 ppbv m

RT: 7.02 Instrument:

Delta R.T. MSVOA_L

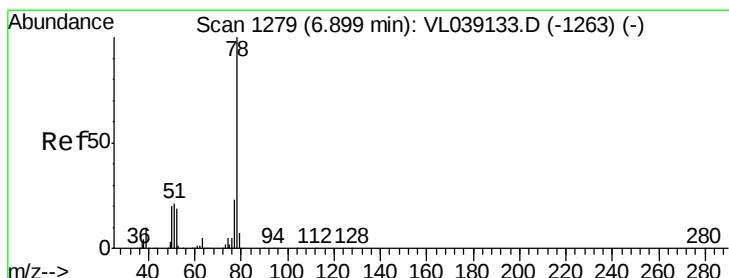
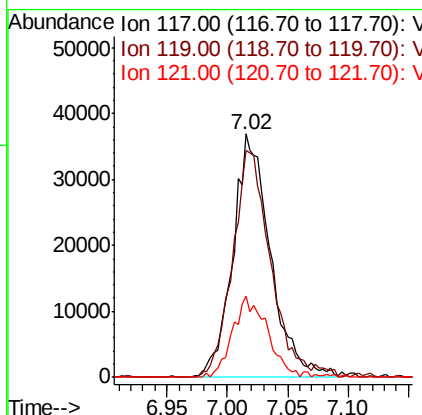
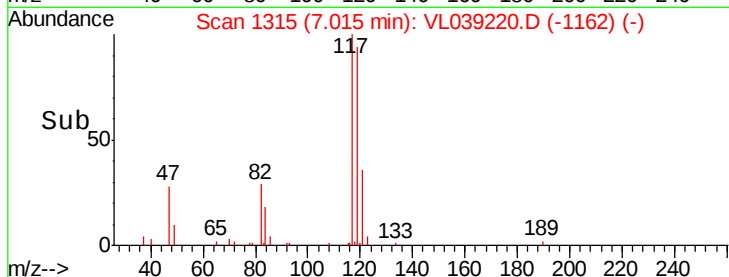
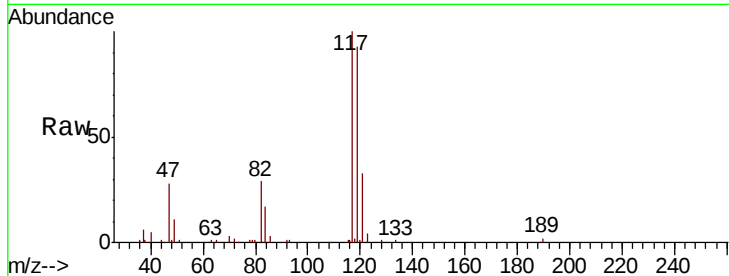
Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1
Ion Rati
117 100
119 93.
121 33.

Manual Integrations
APPROVED

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



#36

Benzene

Concen: 0.558 ppbv

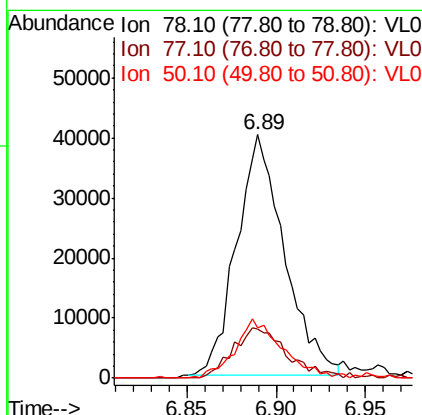
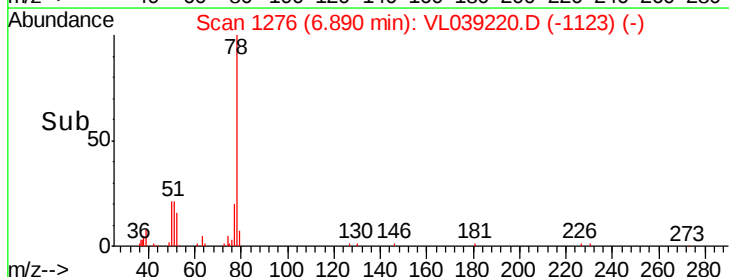
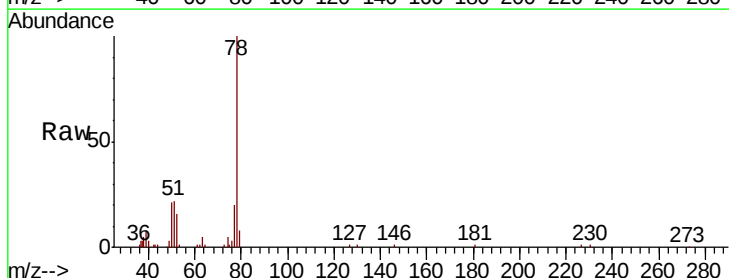
RT: 6.89 min Scan# 1276

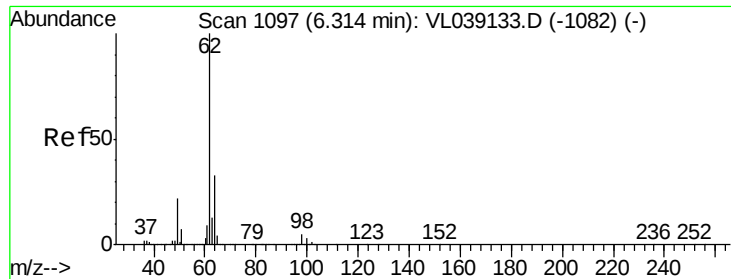
Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tgt Ion: 78 Resp: 75194
Ion Ratio Lower Upper
78 100
77 20.2 18.6 27.8
50 20.9 15.8 23.8



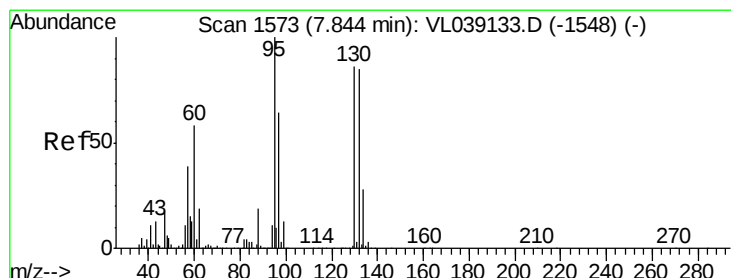
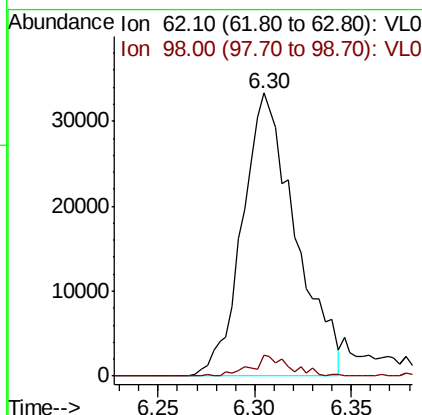
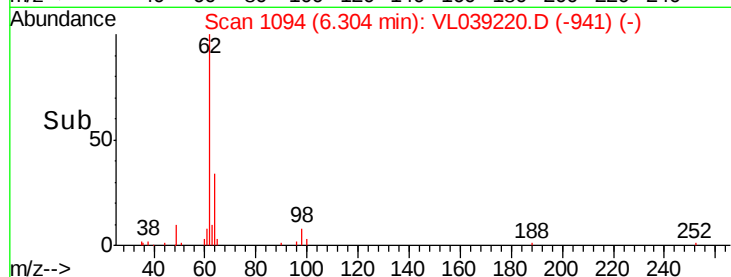
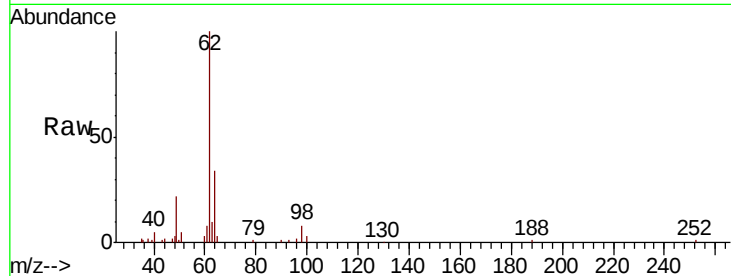


#37
 1,2-Dichloroethane
 Concen: 0.716 ppbv
 RT: 6.30
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 22:15

Tot Ion:
 Ion Ratio
 62 100
 98 5.

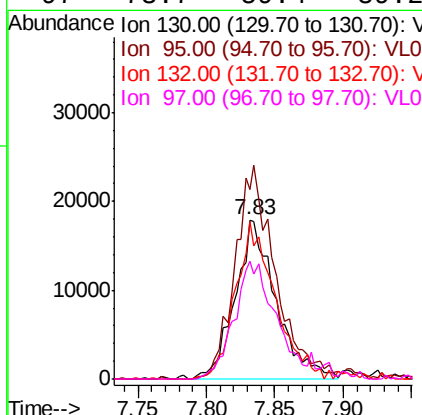
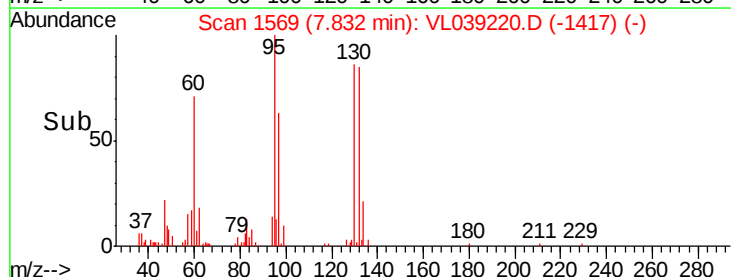
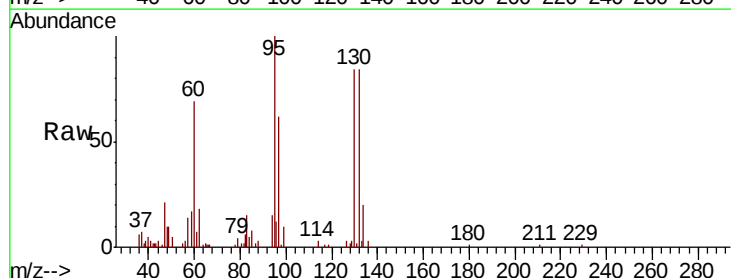
Manual Integrations
 APPROVED

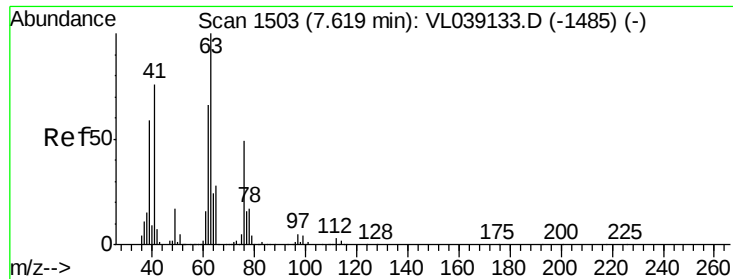
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#38
 Trichloroethene
 Concen: 0.600 ppbv m
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tgt Ion:130 Resp: 37110
 Ion Ratio Lower Upper
 130 100
 95 118.7 93.3 139.9
 132 99.2 79.0 118.4
 97 73.7 59.4 89.2





#39

1,2-Dichloropropane

Concen: 0.615 ppbv m

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

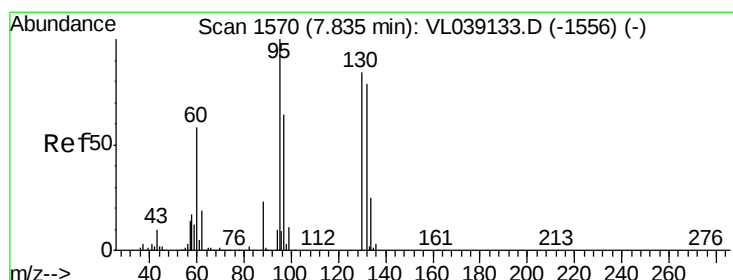
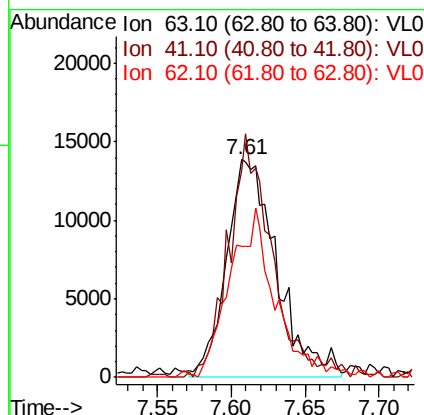
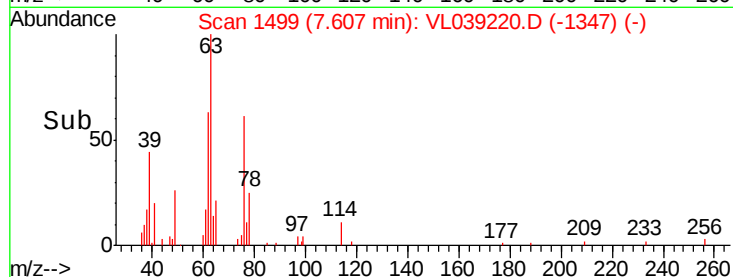
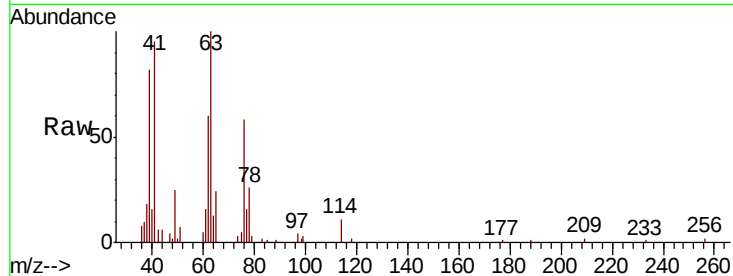
Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:
Ion Ratio
63 100
41 94.
62 60.

Manual Integrations
APPROVED

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



#40

1,4-Dioxane

Concen: 0.687 ppbv m

RT: 7.86 min Scan# 1578

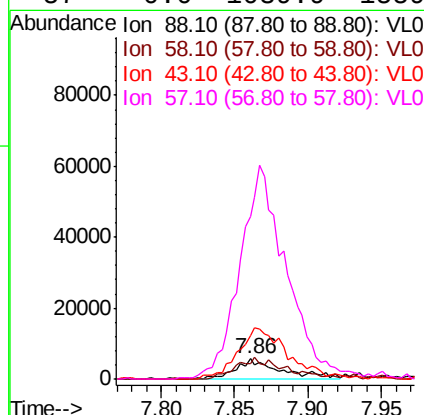
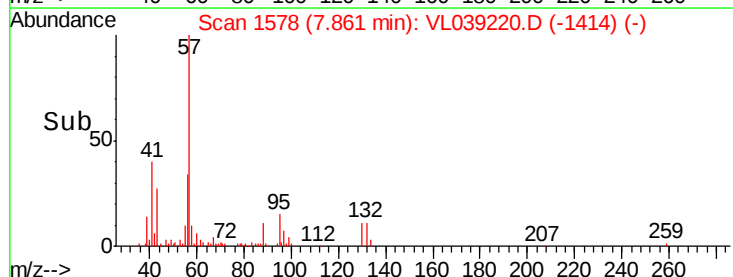
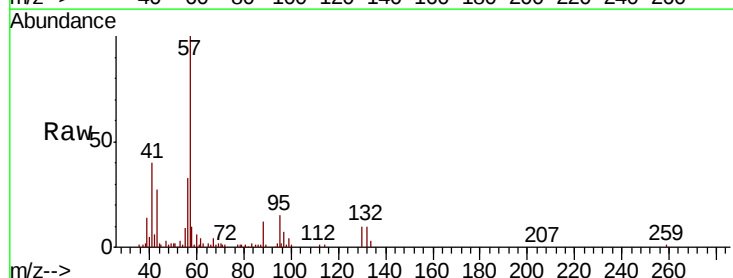
Delta R.T. 0.03 min

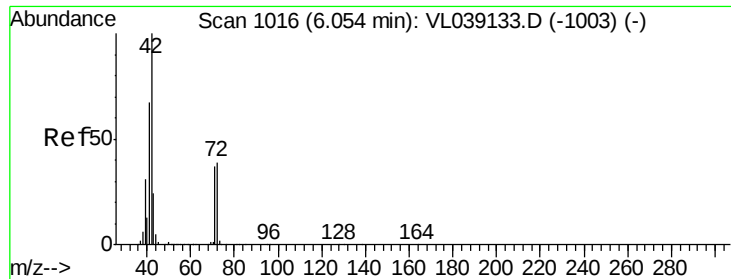
Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tgt Ion: 88 Resp: 12122

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: 0.559 ppbv m

RT: 6.07 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

42 100

72 40.

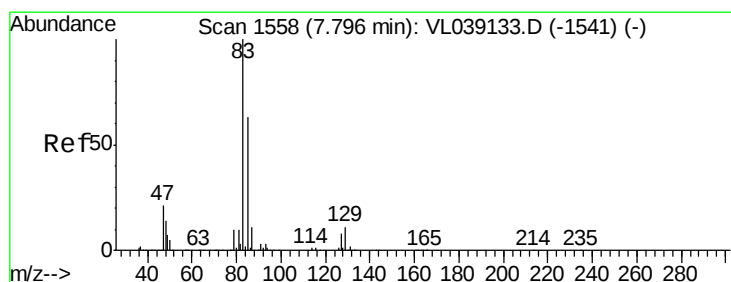
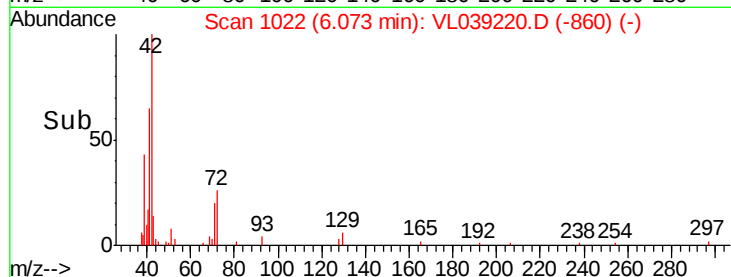
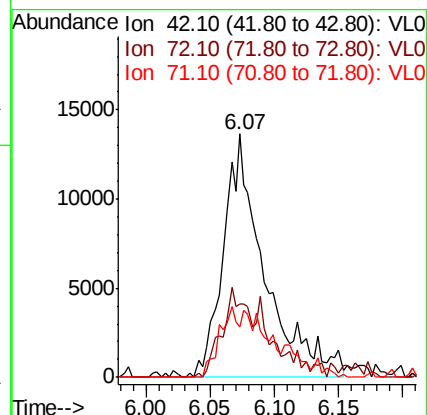
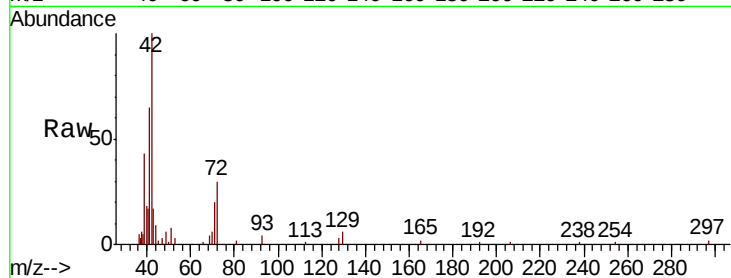
71 37.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#42

Bromodichloromethane

Concen: 0.605 ppbv m

RT: 7.79 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

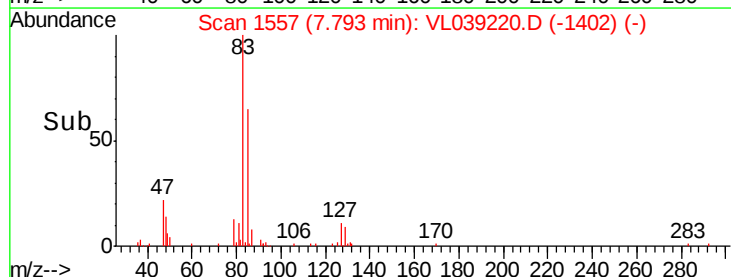
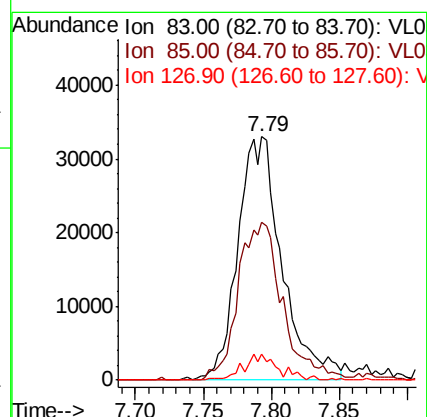
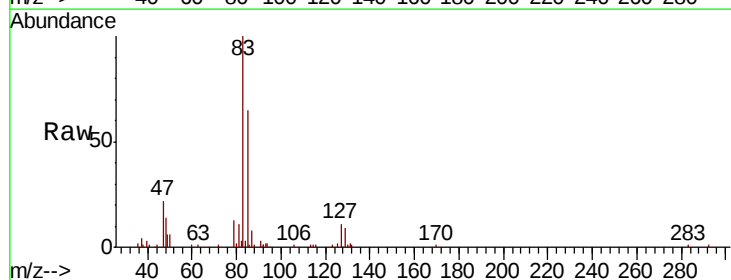
Tgt Ion: 83 Resp: 74454

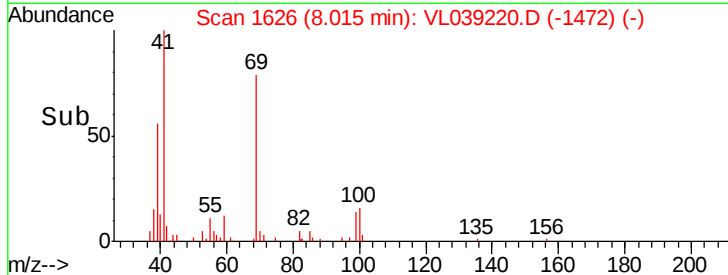
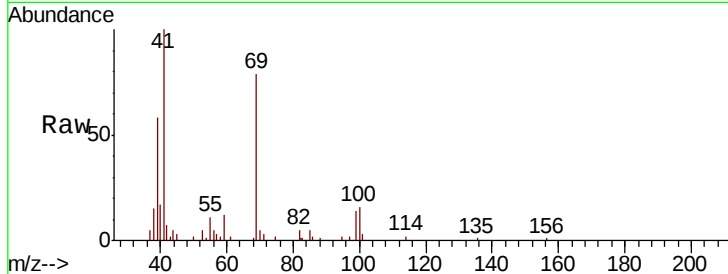
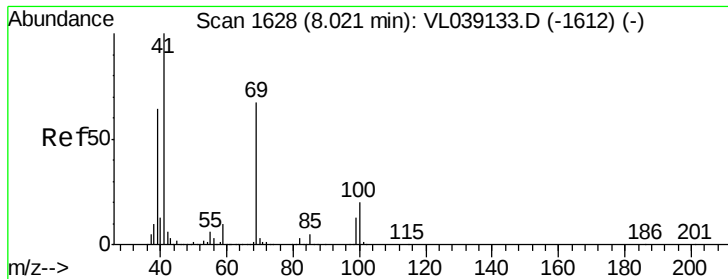
Ion Ratio Lower Upper

83 100

85 64.6 50.2 75.4

127 10.6 6.6 9.8#





#43

Methyl Methacrylate

Concen: 0.579 ppbv m

RT: 8.01

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:15

Tot Ion:

Ion Ratio

69 100

41 149.

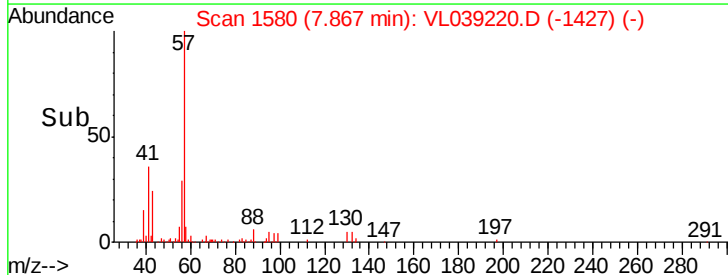
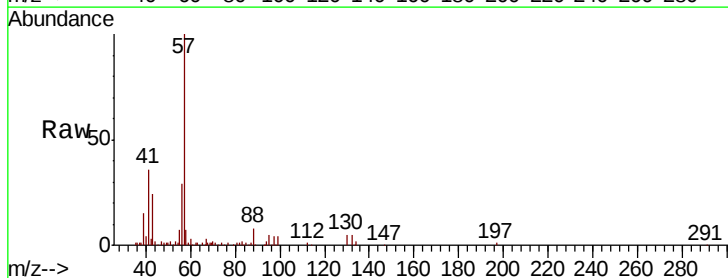
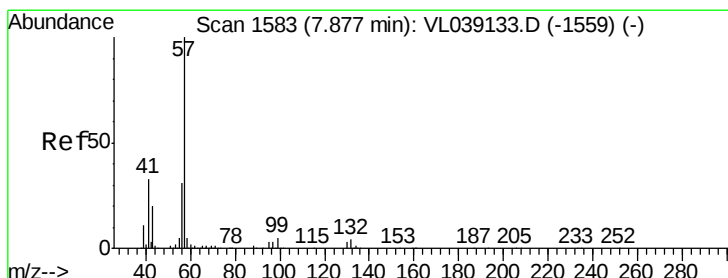
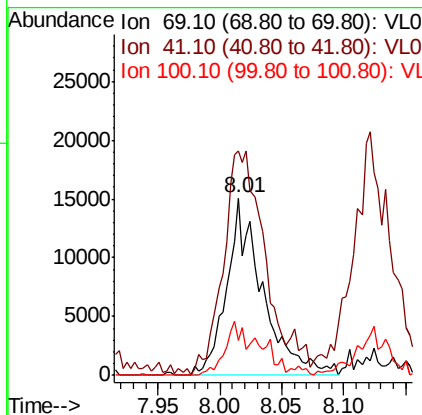
100 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#44

2,2,4-Trimethylpentane

Concen: 0.553 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

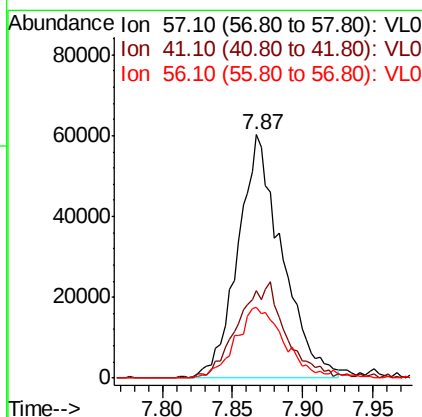
Tgt Ion: 57 Resp: 130204

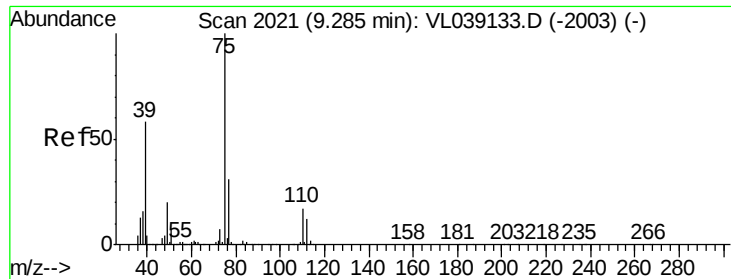
Ion Ratio Lower Upper

57 100

41 43.6 26.2 39.4#

56 33.0 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 0.422 ppbv m

RT: 9.28 Instrument: MSVOA_1

Delta R.T.

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

Acq: 7 Jun 2022 22:15

Tot Ion:

Ion Ratio

75 100

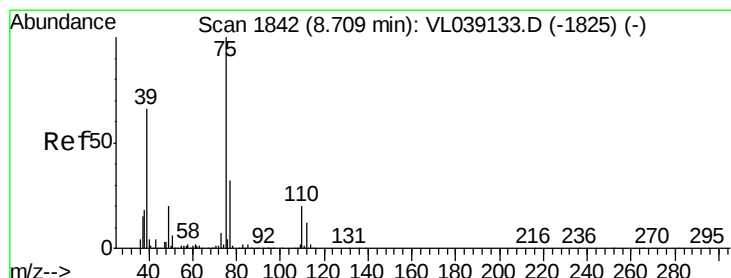
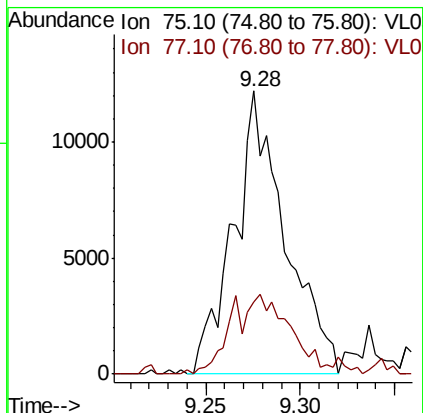
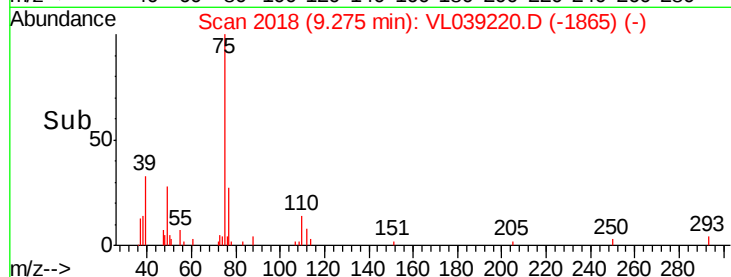
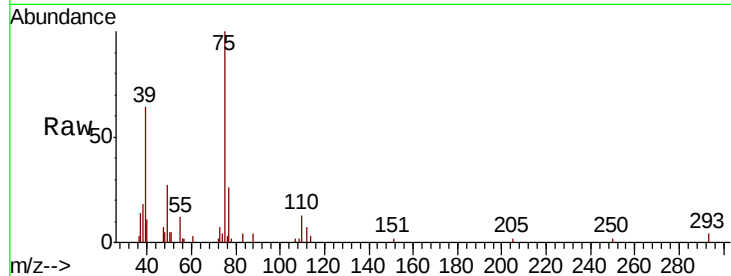
77 25.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#46

cis-1,3-Dichloropropene

Concen: 0.478 ppbv m

RT: 8.70 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

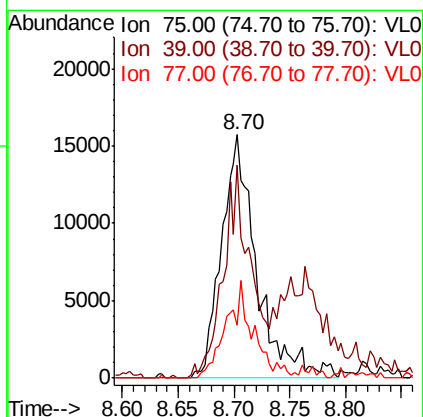
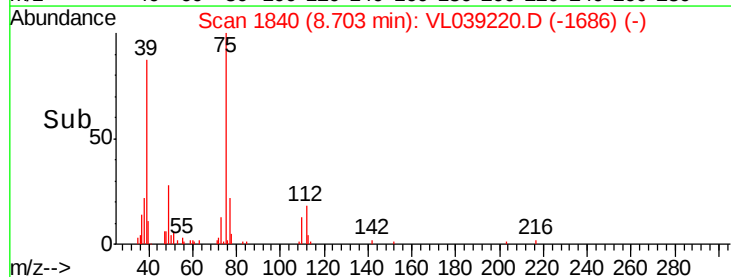
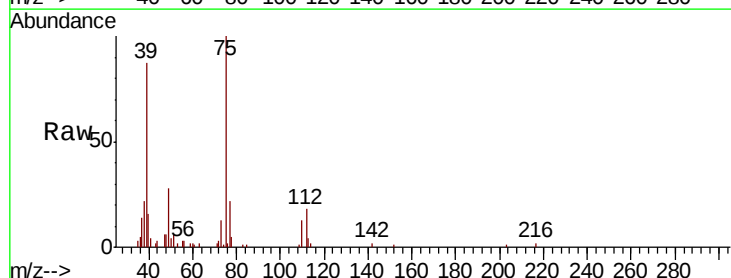
Tgt Ion: 75 Resp: 34498

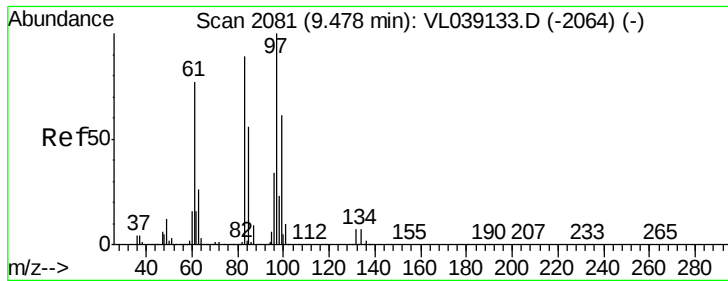
Ion Ratio Lower Upper

75 100

39 87.3 52.4 78.6#

77 21.7 25.5 38.3#



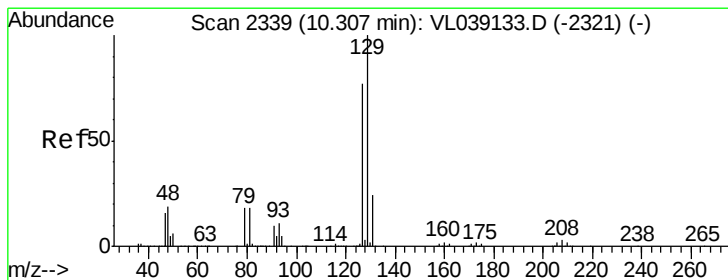
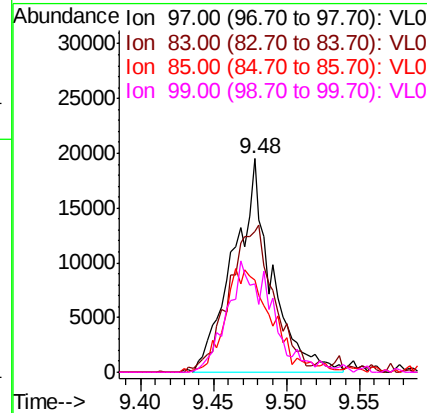
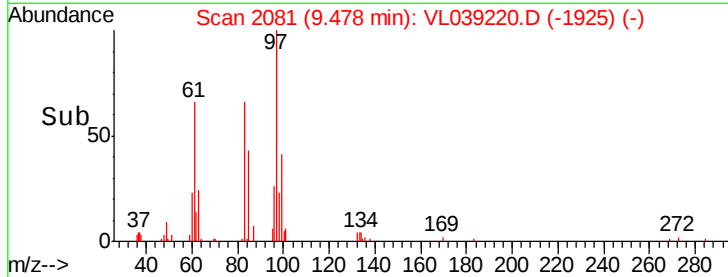
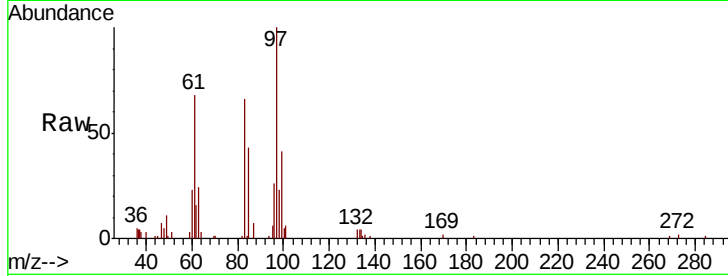


#47
 1,1,2-Trichloroethane
 Concen: 0.641 ppbv m
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 22:15

Tot Ion:
 Ion Ratio
 97 100
 83 66.
 85 43.
 99 41.1 49.0 73.4#

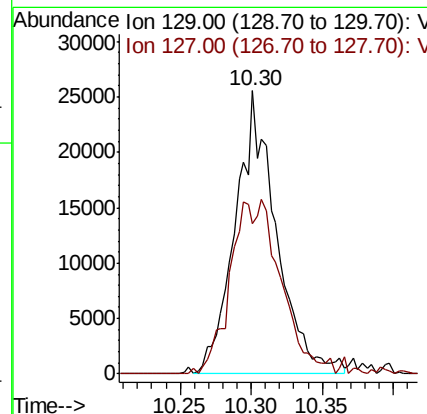
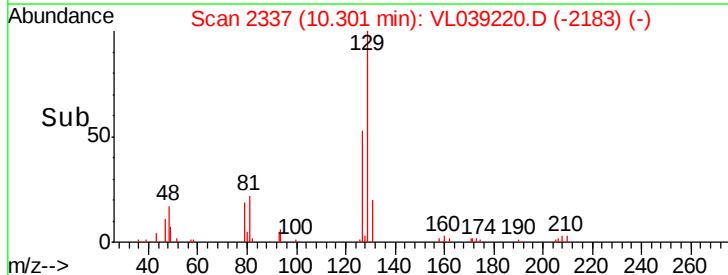
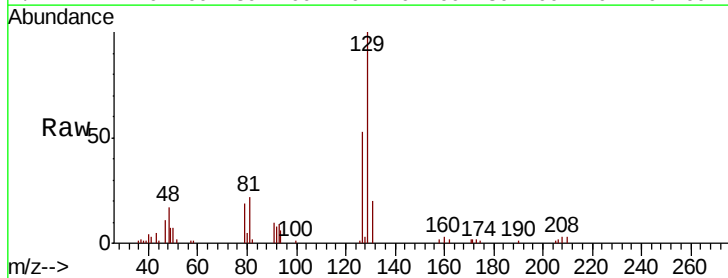
Manual Integrations
 APPROVED

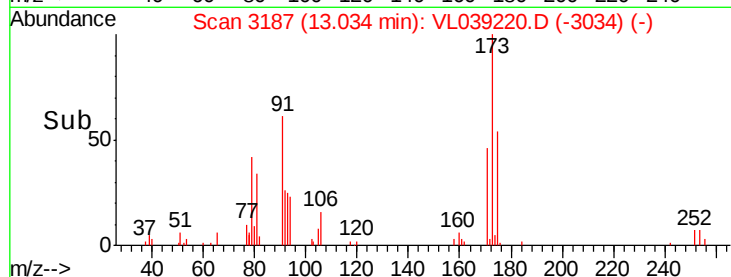
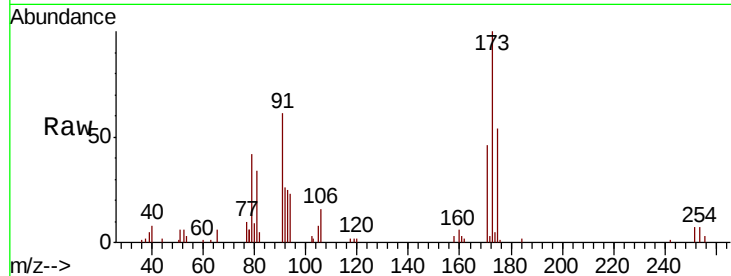
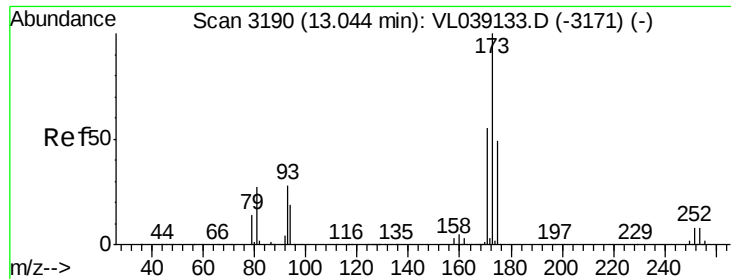
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#48
 Dibromochloromethane
 Concen: 0.511 ppbv m
 RT: 10.30 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tgt Ion:129 Resp: 51017
 Ion Ratio Lower Upper
 129 100
 127 0.0 40.0 119.9#





#49

Bromoform

Concen: 0.440 ppbv m

RT: 13.03

Delta R.T. MSVOA_L

Lab File:

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

Acq: 7 Jun 2022 22:15

Tot Ion:1

Ion Rati

173 100

175 51.

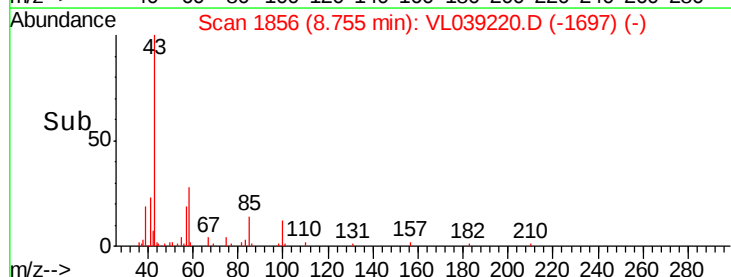
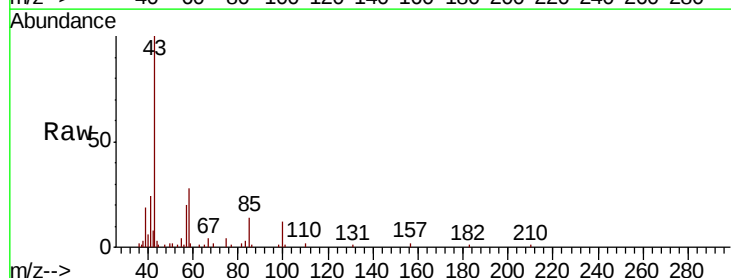
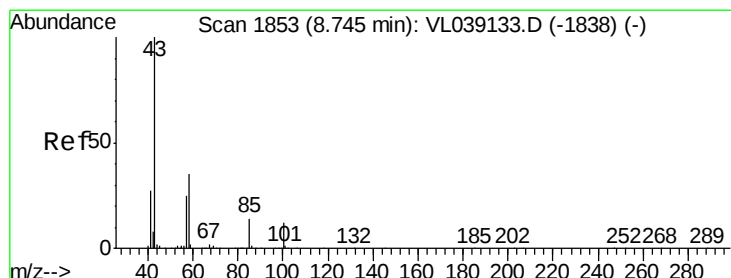
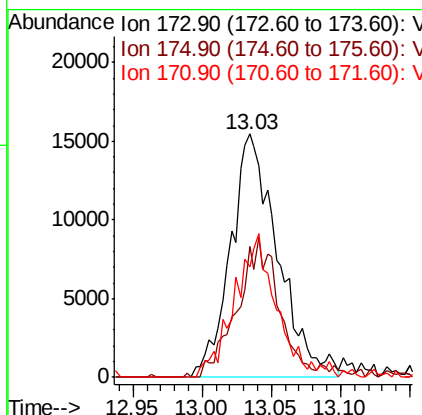
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#50

4-Methyl-2-Pentanone

Concen: 0.535 ppbv m

RT: 8.75 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VL039220.D

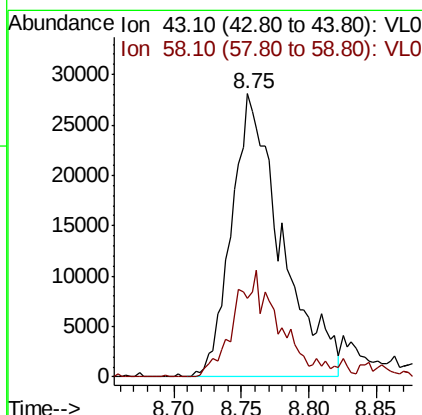
Acq: 7 Jun 2022 22:15

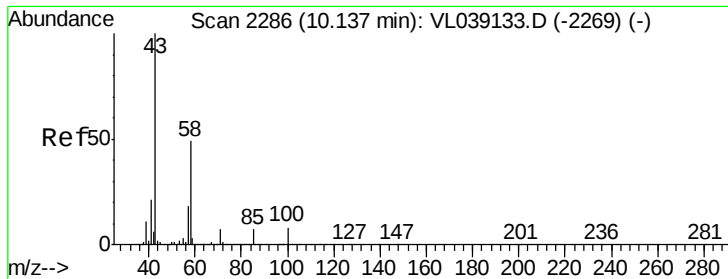
Tgt Ion: 43 Resp: 72160

Ion Ratio Lower Upper

43 100

58 35.6 28.7 43.1





#51

2-Hexanone

Concen: 0.493 ppbv m

RT: 10.15

Delta R.T. MSVOA_L

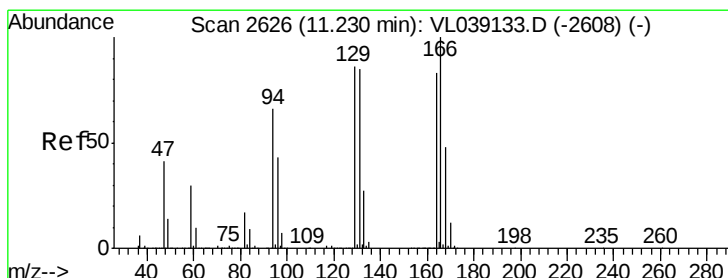
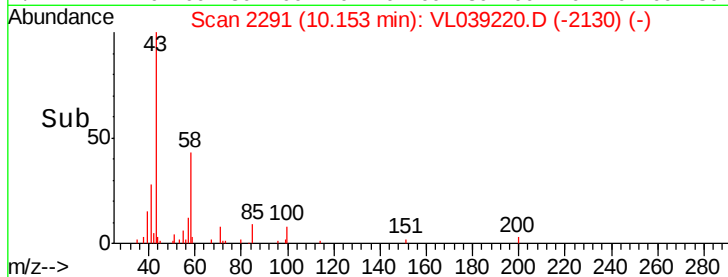
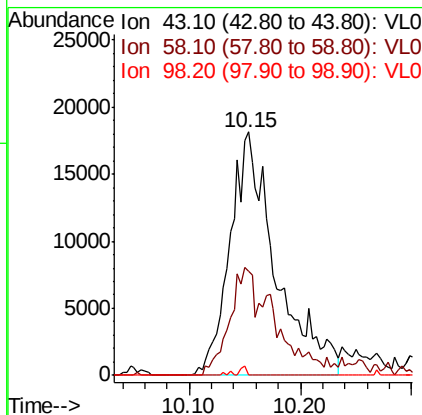
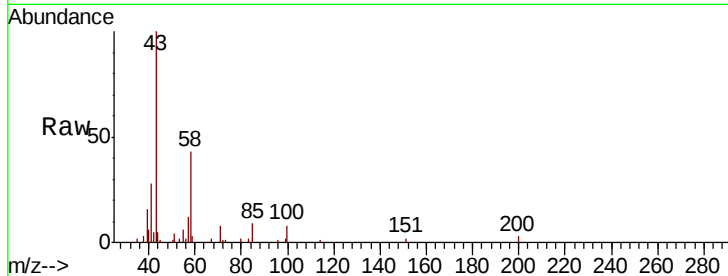
Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:15

Tot Ion:
Ion Ratio
43 100
58 44.
98 0.

Manual Integrations
APPROVED

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



#52

Tetrachloroethene

Concen: 0.565 ppbv m

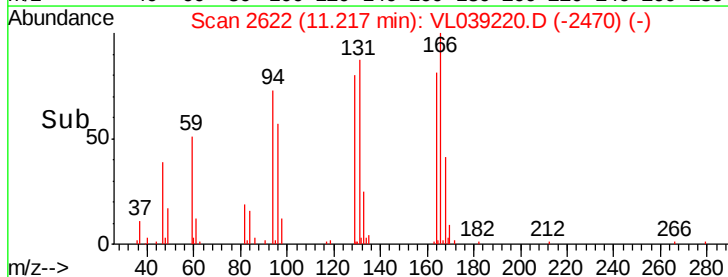
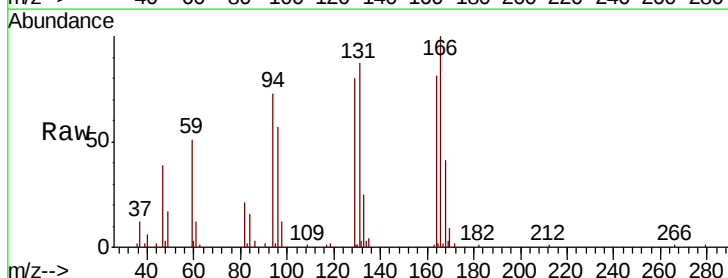
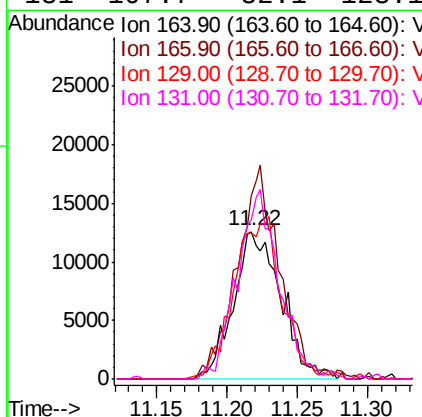
RT: 11.22 min Scan# 2622

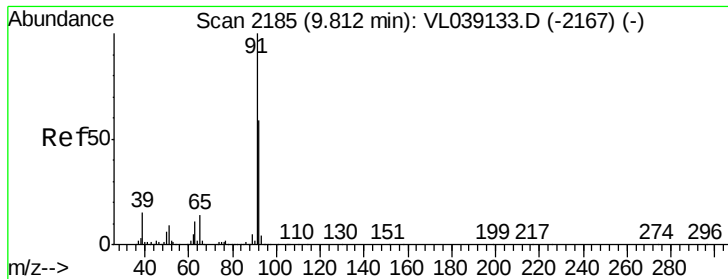
Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tgt Ion:164 Resp: 29726
Ion Ratio Lower Upper
164 100
166 124.1 96.3 144.5
129 99.2 82.5 123.7
131 107.7 82.1 123.1





#53

Toluene

Concen: 0.516 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

91 100

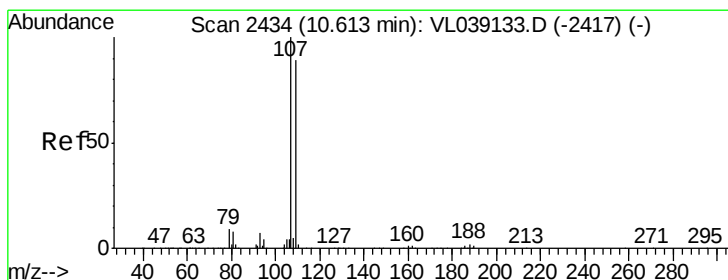
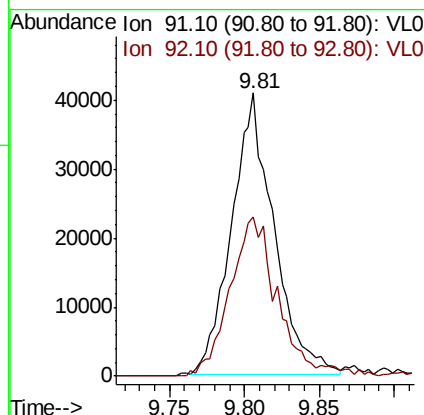
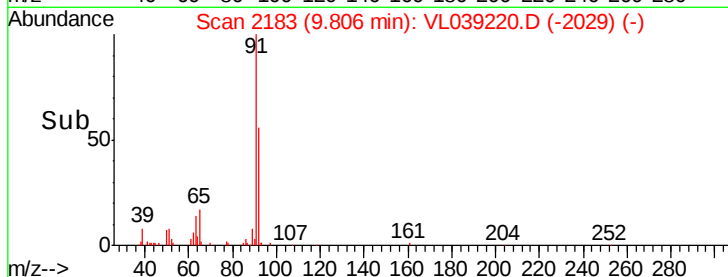
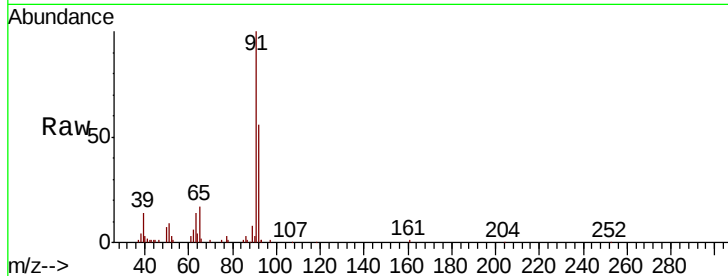
92 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#54

1,2-Dibromoethane

Concen: 0.597 ppbv m

RT: 10.61 min Scan# 2433

Delta R.T. -0.00 min

Lab File: VL039220.D

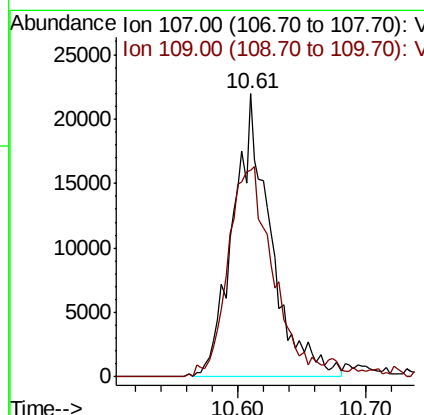
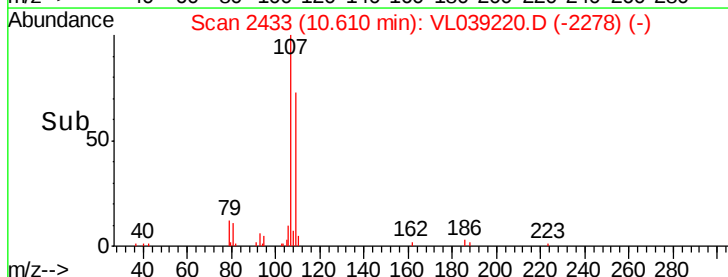
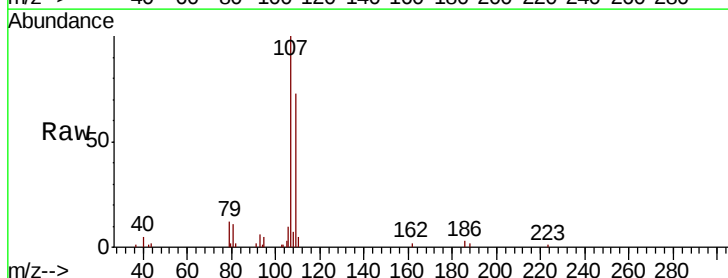
Acq: 7 Jun 2022 22:15

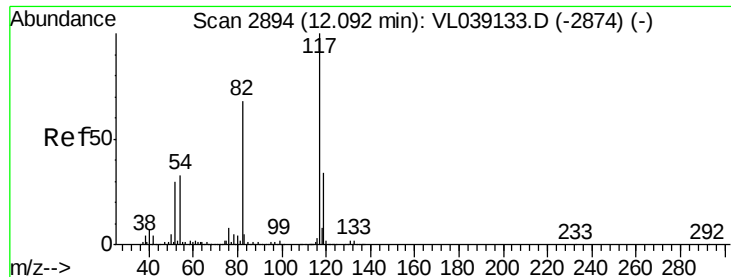
Tgt Ion:107 Resp: 44831

Ion Ratio Lower Upper

107 100

109 72.9 71.4 107.0



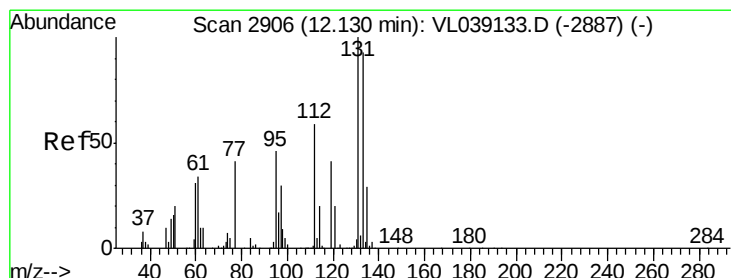
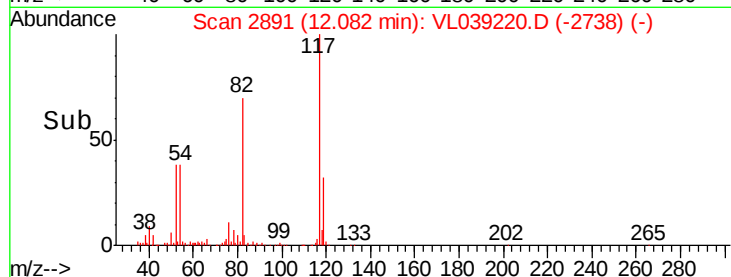
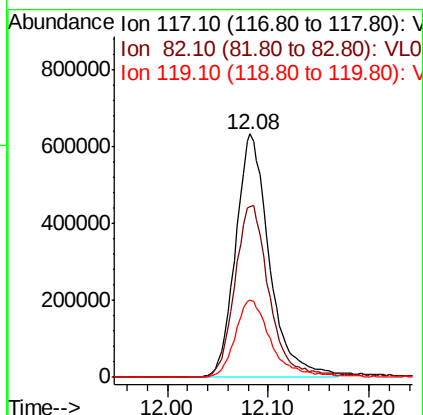
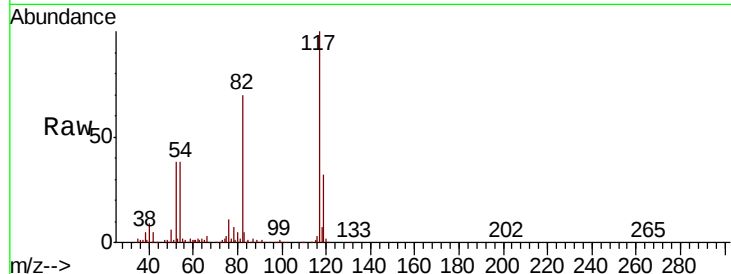


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
LOD-MDL-AIR-01-QT2-2022
Acq: 7 Jun 2022 22:15

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

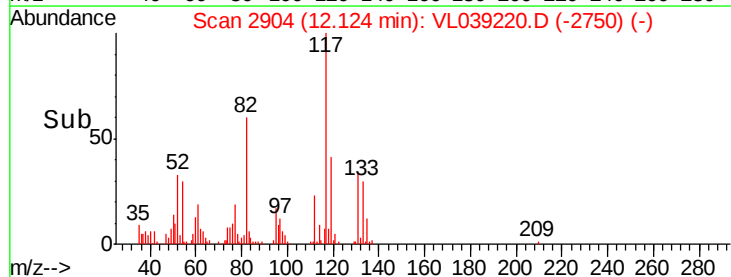
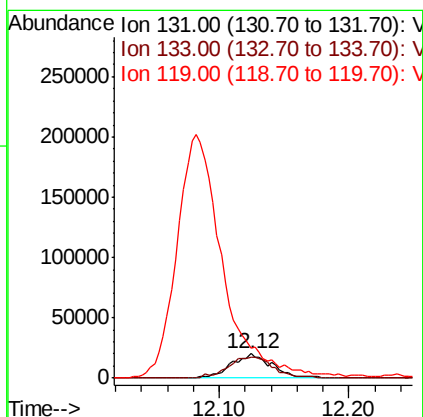
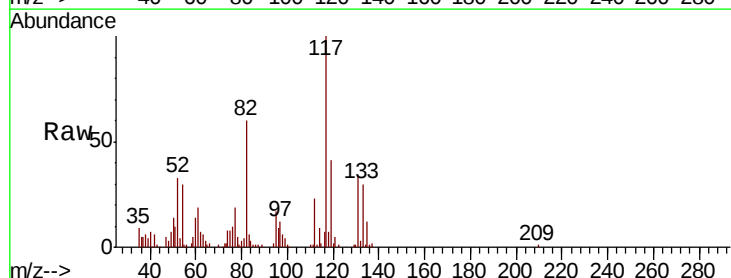
Manual Integrations
APPROVED

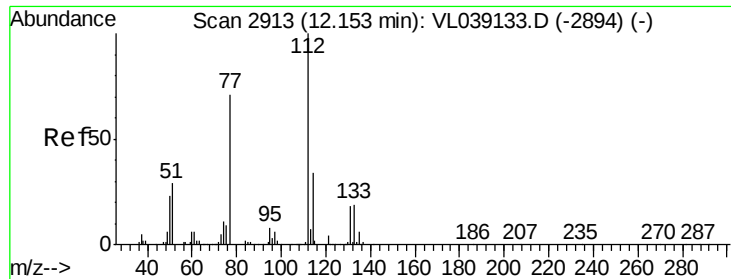
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.638 ppbv m
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tgt Ion:131 Resp: 44386
Ion Ratio Lower Upper
131 100
133 96.5 78.6 117.8
119 0.0 51.7 77.5#



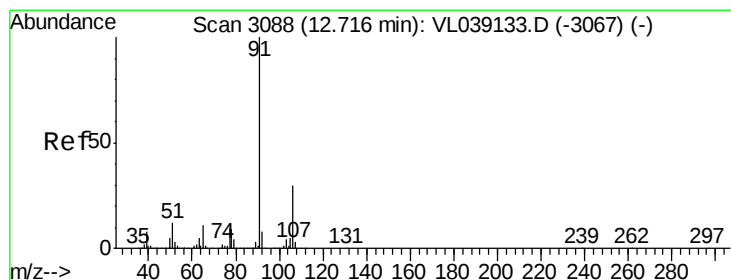
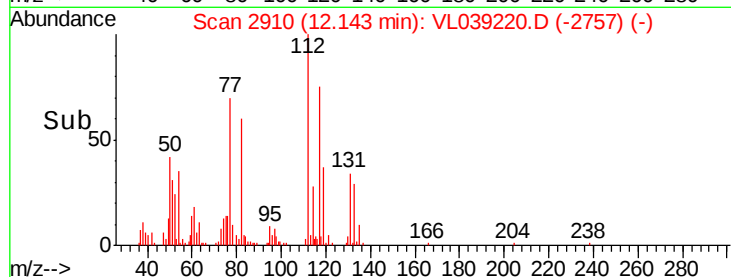
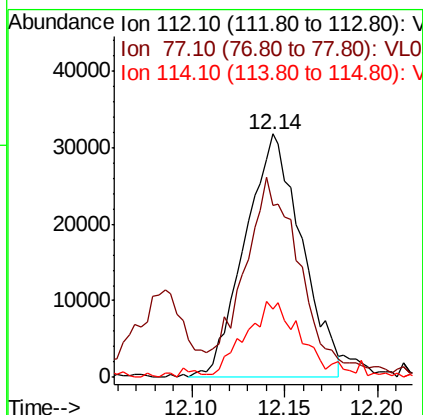
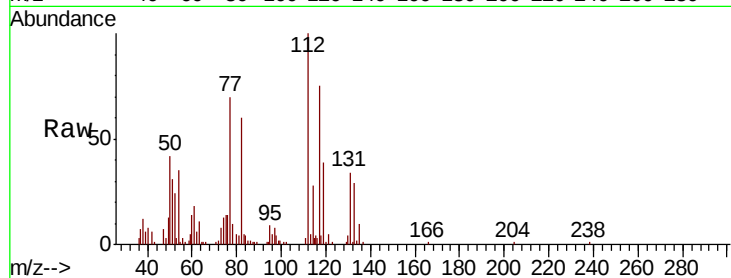


#57
Chlorobenzene
Concen: 0.609 ppbv
RT: 12.14 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
LOD-MDL-AIR-01-QT2-2022
Acq: 7 Jun 2022 22:15

Tot Ion: 1
Ion Ratio
112 100
77 63.
114 26.

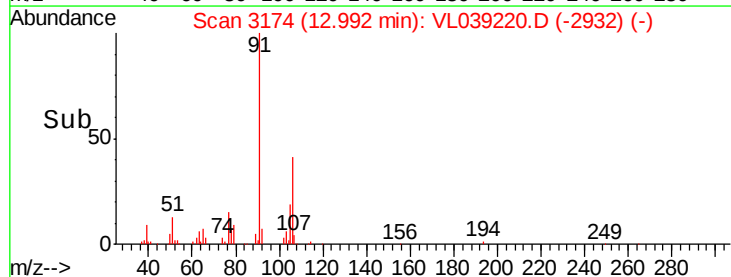
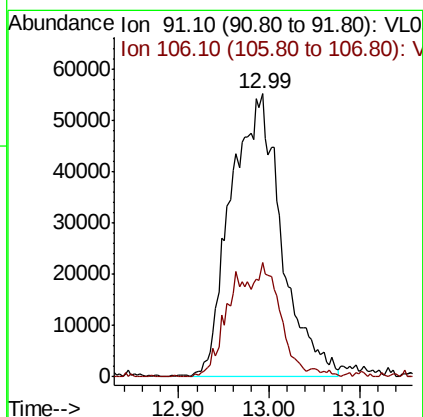
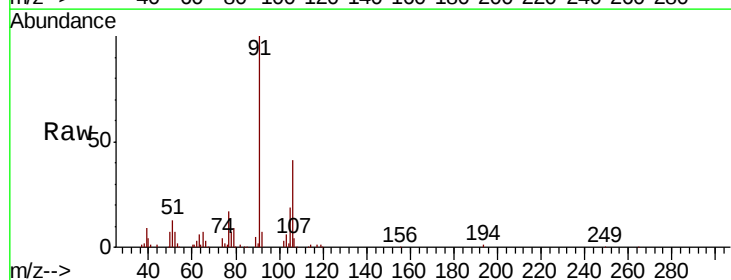
Manual Integrations
APPROVED

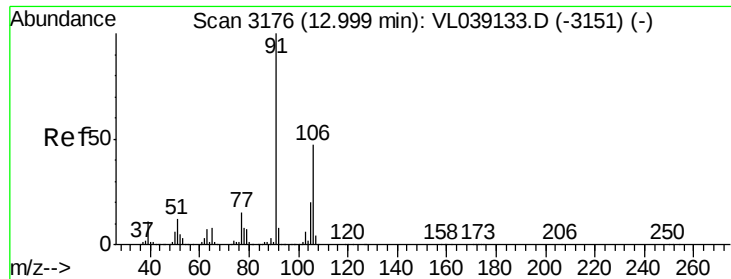
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#58
Ethyl Benzene
Concen: 1.060 ppbv m
RT: 12.99 min Scan# 3174
Delta R.T.: 0.28 min
Lab File: VL039220.D
Acq: 7 Jun 2022 22:15

Tgt Ion: 91 Resp: 214686
Ion Ratio Lower Upper
91 100
106 40.6 24.2 36.4#





#59

m/p-Xylene

Concen: 1.204 ppbv m

RT: 12.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:15

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

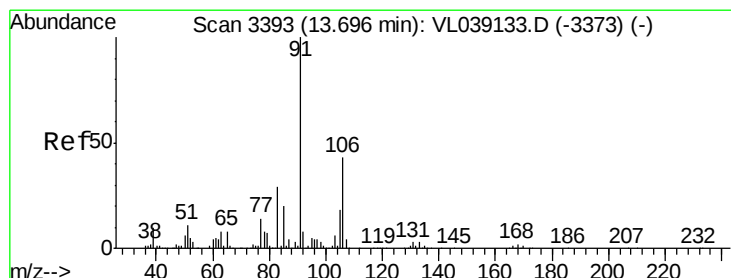
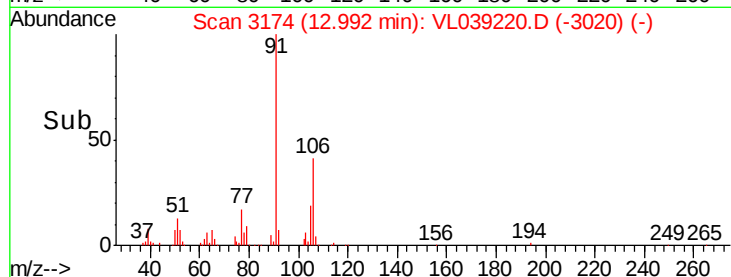
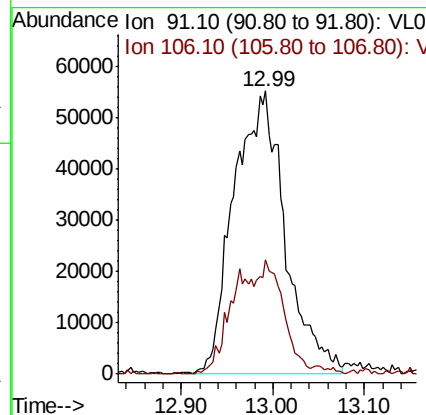
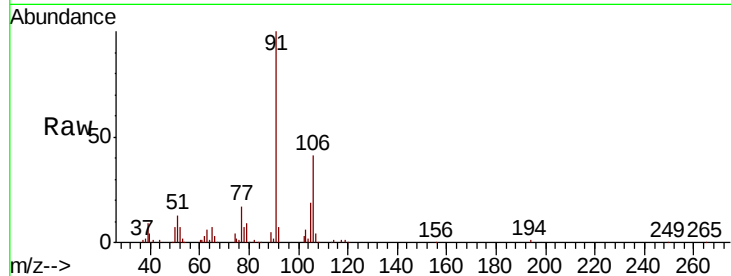
Supervised By :Mahesh Dadoda 06/10/2022

Tot Ion:

Ion Ratio

91 100

106 39.



#60

o-Xylene

Concen: 0.616 ppbv

RT: 13.69 min Scan# 3390

Delta R.T. -0.01 min

Lab File: VL039220.D

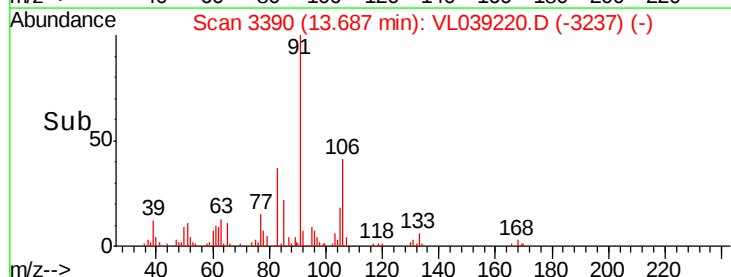
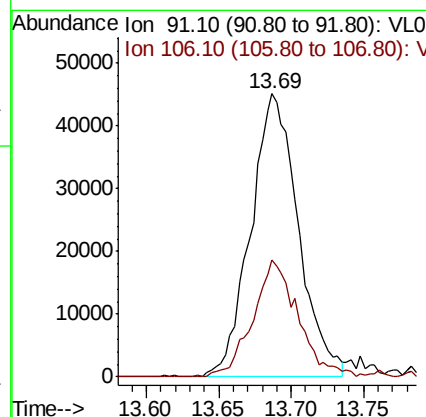
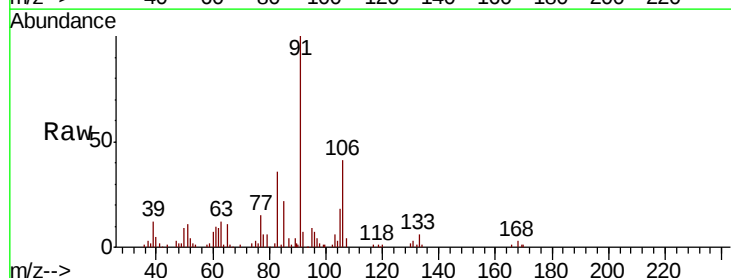
Acq: 7 Jun 2022 22:15

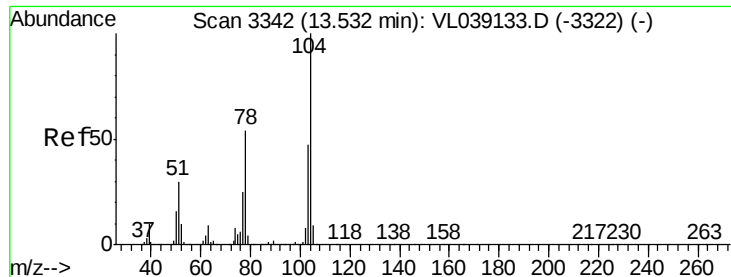
Tgt Ion: 91 Resp: 103202

Ion Ratio Lower Upper

91 100

106 39.3 22.3 66.9





#61

Stvrene

Concen: 0.467 ppbv m

RT: 13.53

Delta R.T.

Lab File:

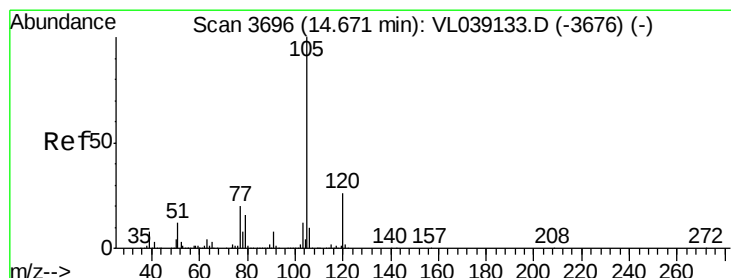
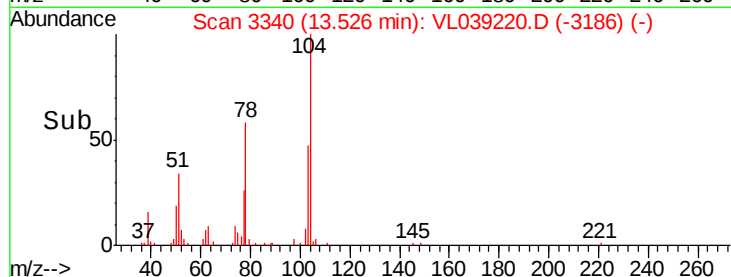
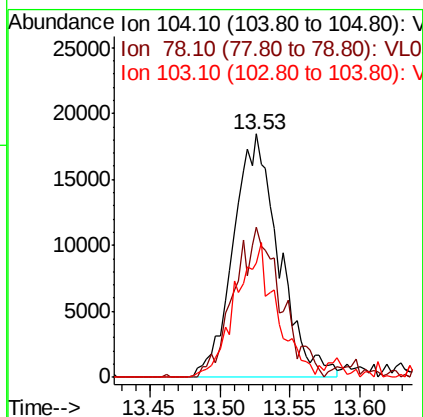
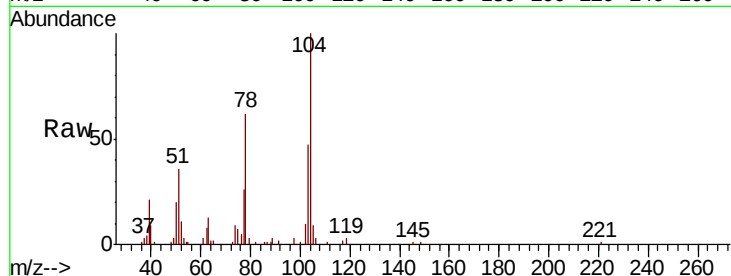
Acq: 7 Jun 2022 22:15

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

Tot Ion:1
Ion Rati
104 100
78 0.
103 0.

Manual Integrations
APPROVED

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



#62

Isopropylbenzene

Concen: 0.582 ppbv

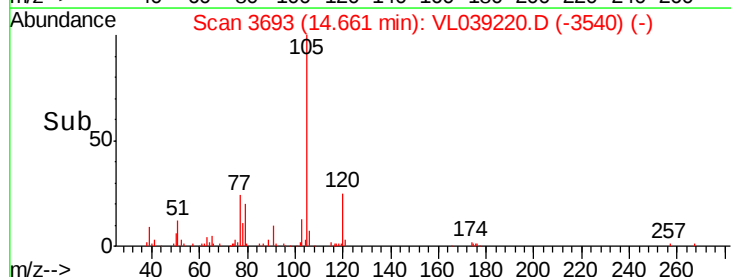
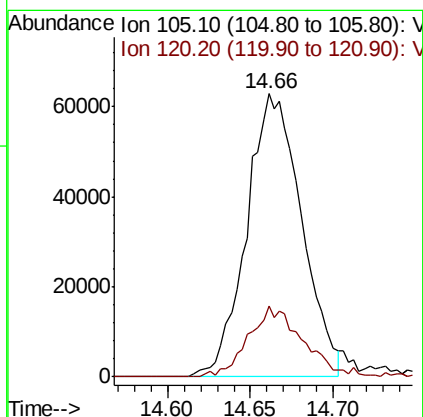
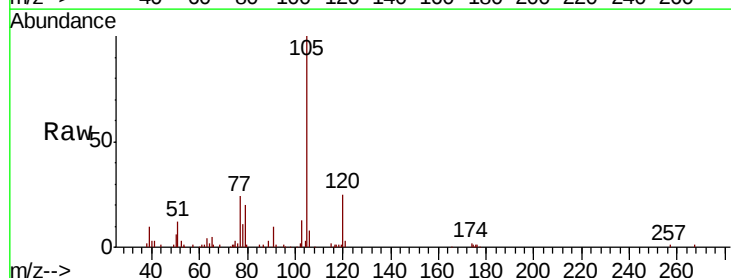
RT: 14.66 min Scan# 3693

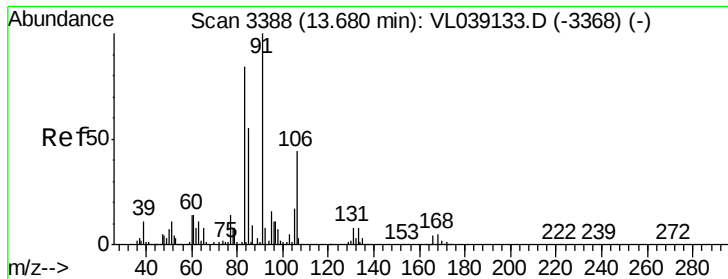
Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tgt Ion:105 Resp: 144855
Ion Ratio Lower Upper
105 100
120 24.9 20.3 30.5



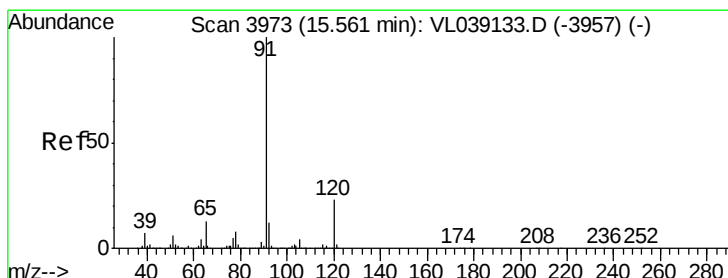
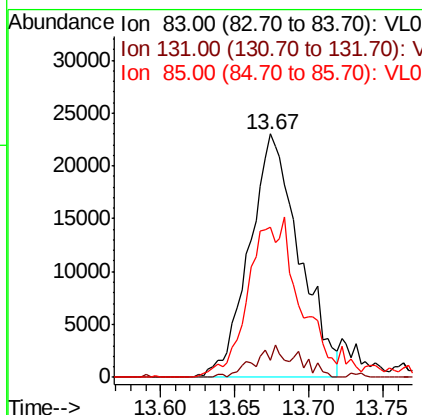
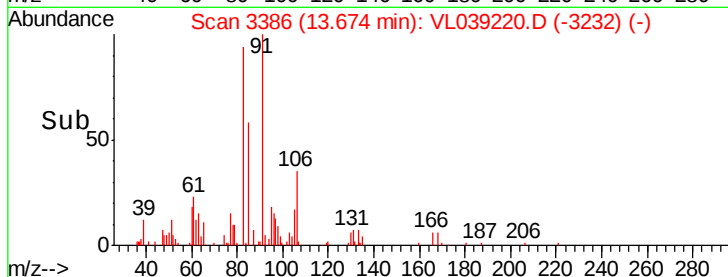
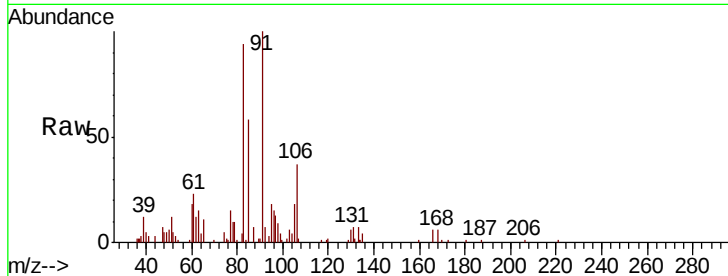


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.574 ppbv m
 RT: 13.67
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 22:15

Tot Ion:
 Ion Ratio
 83 100
 131 11.
 85 70.

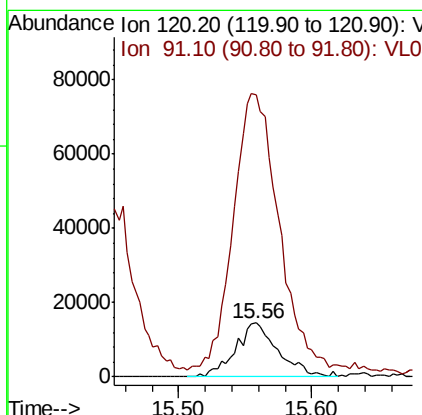
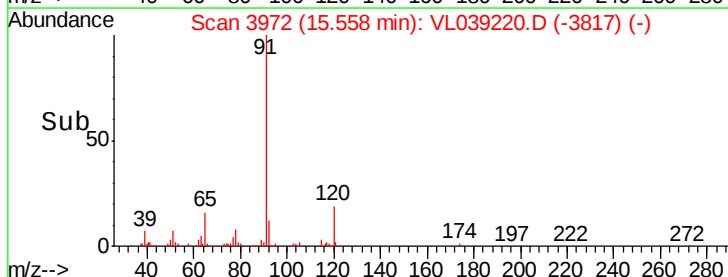
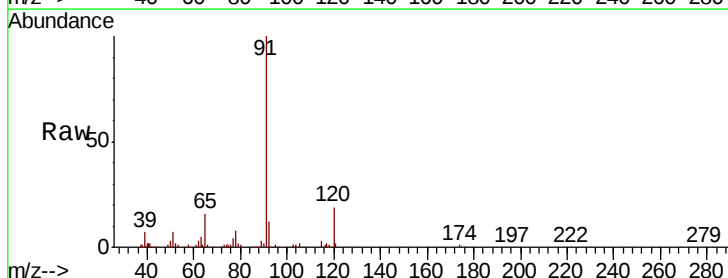
Manual Integrations
 APPROVED

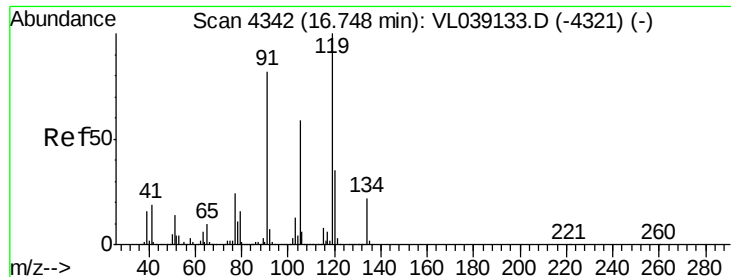
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#64
 n-propylbenzene
 Concen: 0.529 ppbv m
 RT: 15.56 min Scan# 3972
 Delta R.T. -0.00 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tgt Ion:120 Resp: 32406
 Ion Ratio Lower Upper
 120 100
 91 611.0 388.4 582.6#



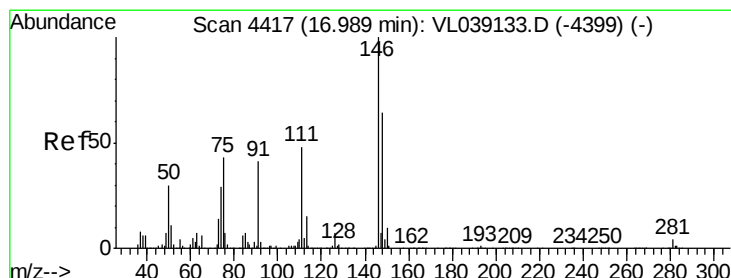
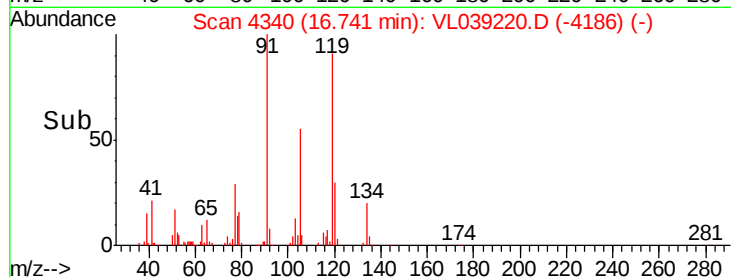
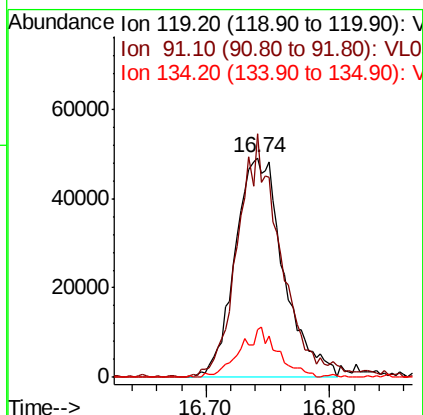
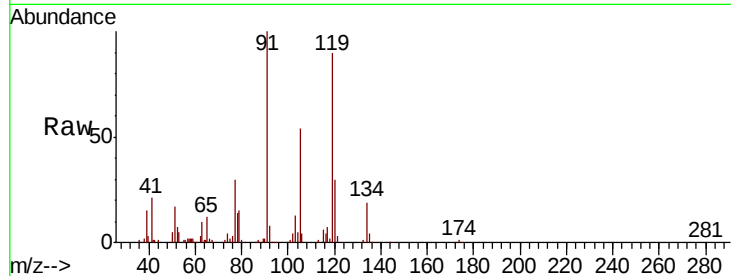


#65
 tert-Butylbenzene
 Concen: 0.586 ppbv m
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 22:15

Tot Ion: 1
 Ion Ratio
 119 100
 91 100.
 134 17.

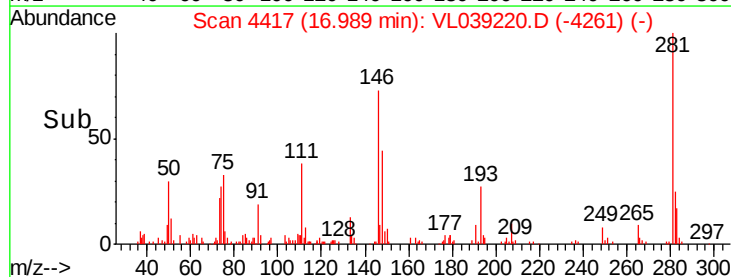
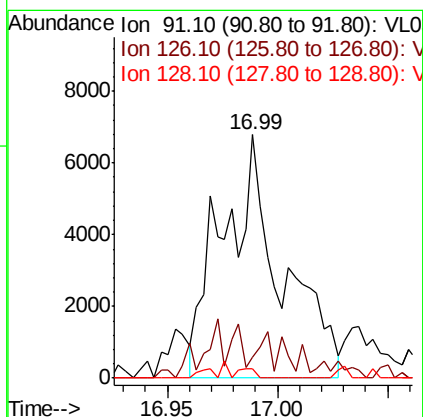
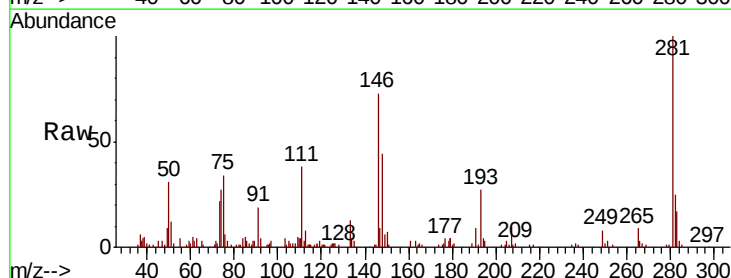
Manual Integrations
 APPROVED

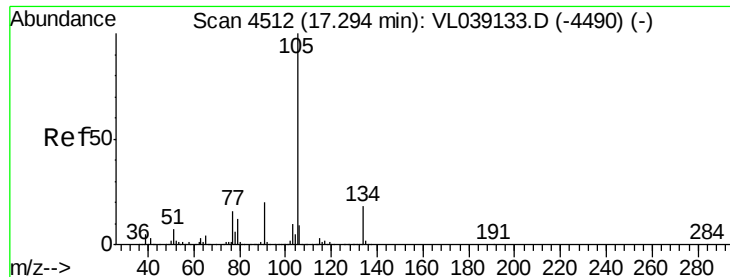
Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022



#66
 Benzyl Chloride
 Concen: 0.428 ppbv m
 RT: 16.99 min Scan# 4417
 Delta R.T.: 0.00 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tgt Ion: 91 Resp: 12682
 Ion Ratio Lower Upper
 91 100
 126 26.2 13.4 20.0#
 128 2.8 4.1 6.1#





#67

sec-Butylbenzene

Concen: 0.601 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

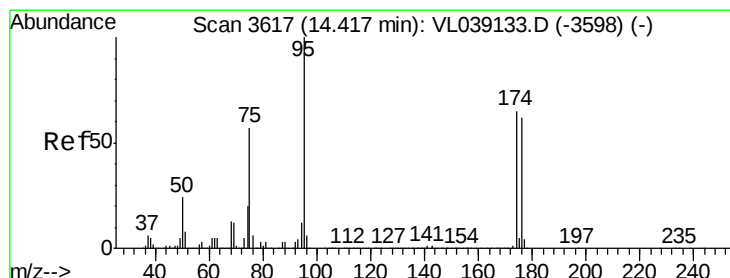
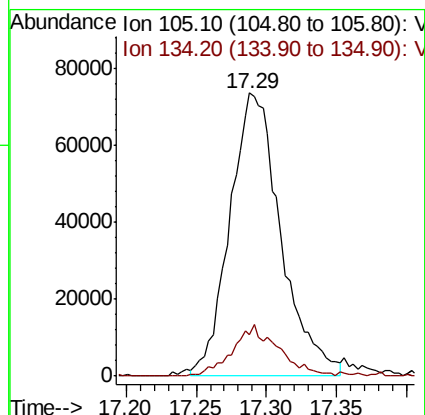
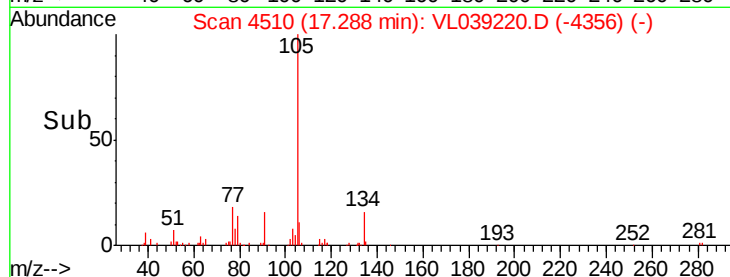
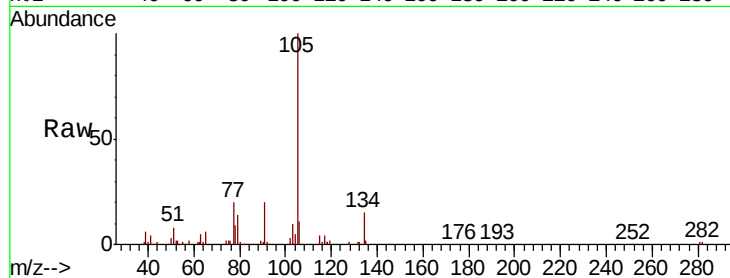
Acq: 7 Jun 2022 22:15

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.666 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.01 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

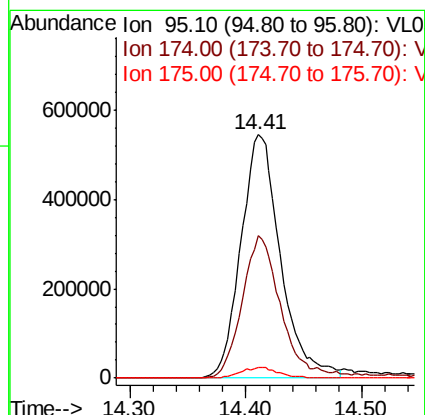
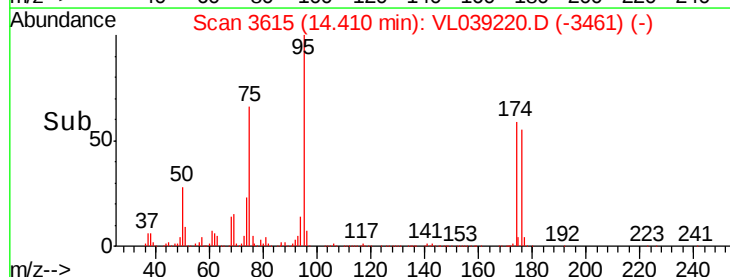
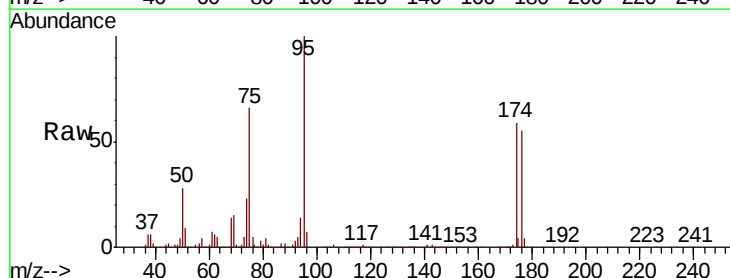
Tgt Ion: 95 Resp: 1296075

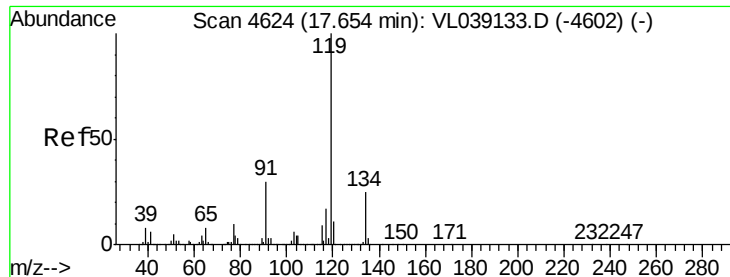
Ion Ratio Lower Upper

95 100

174 60.3 53.8 80.8

175 4.5 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.563 ppbv m

RT: 17.64

Delta R.T. MSVOA_L

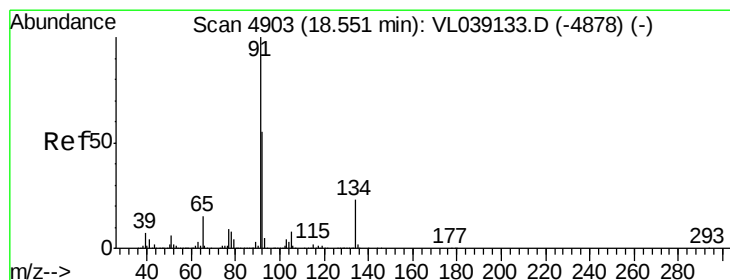
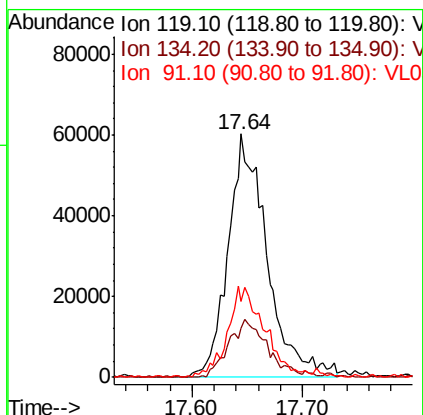
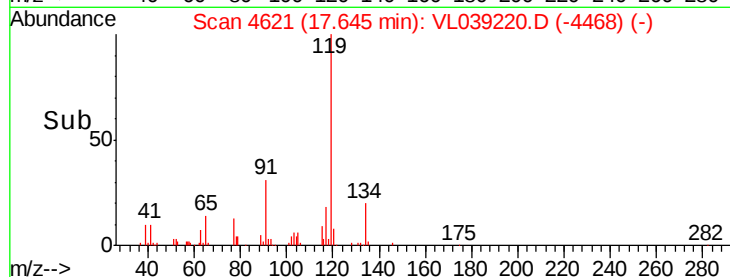
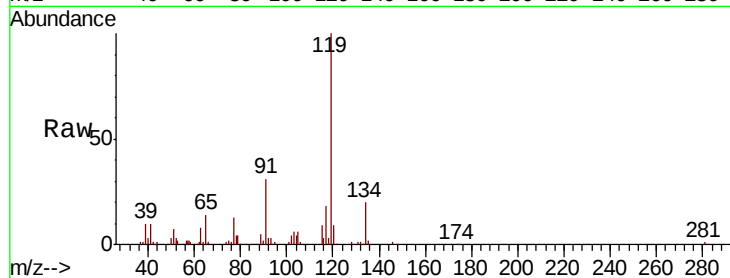
Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion: 1
Ion Ratio
119 100
134 24.
91 36.

Manual Integrations
APPROVED

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



#70

n-Butylbenzene

Concen: 0.563 ppbv m

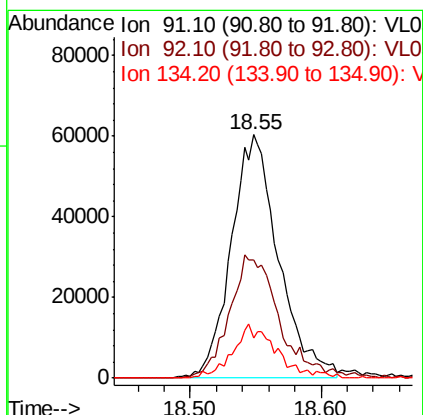
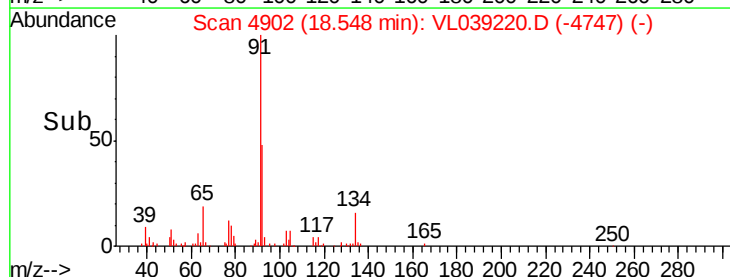
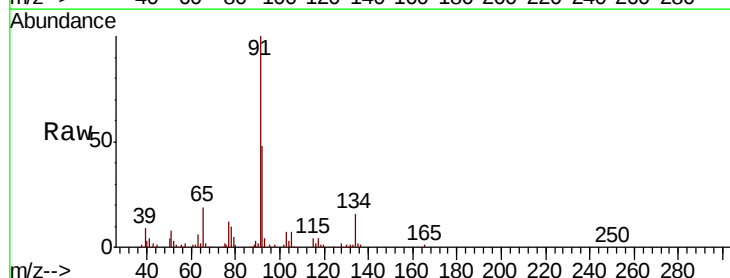
RT: 18.55 min Scan# 4902

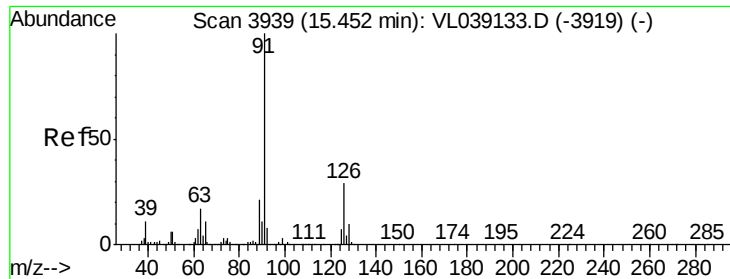
Delta R.T. -0.00 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tgt Ion: 91 Resp: 151501
Ion Ratio Lower Upper
91 100
92 53.7 43.6 65.4
134 20.3 17.7 26.5



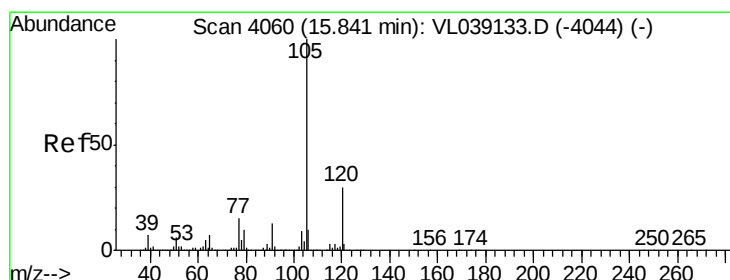
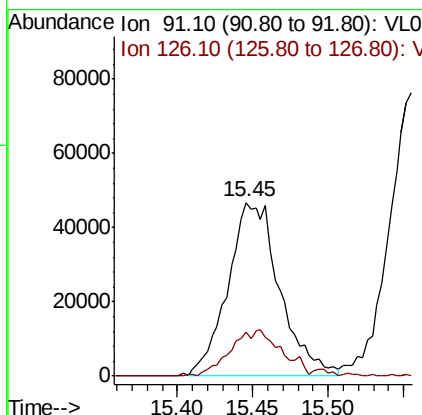
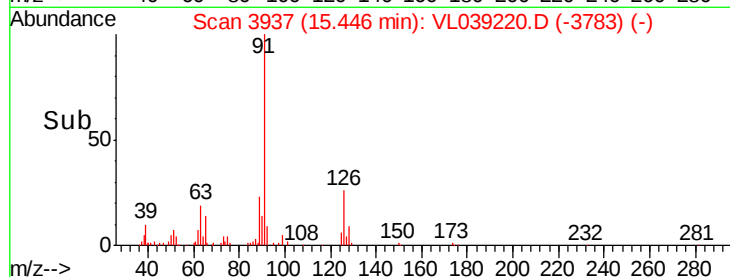
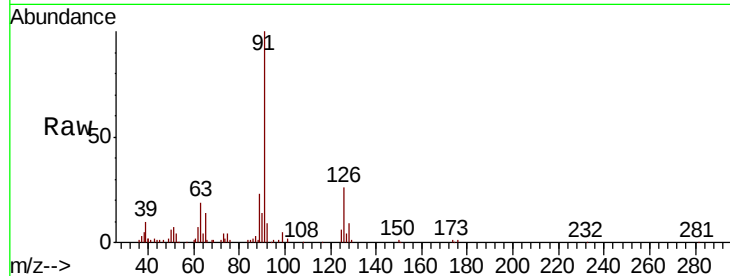


#71
 2-Chlorotoluene
 Concen: 0.589 ppbv m
 RT: 15.45
 Instrument: MSVOA_L
 Delta R.T.
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 22:15

Tot Ion:
 Ion Rati
 91 100
 126 1.

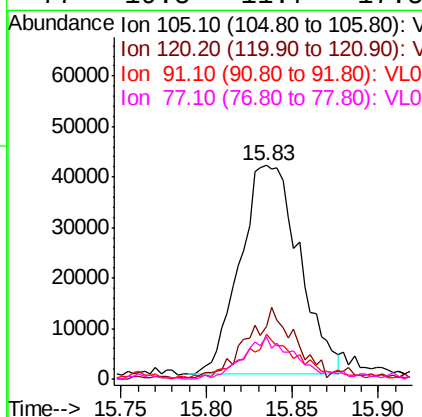
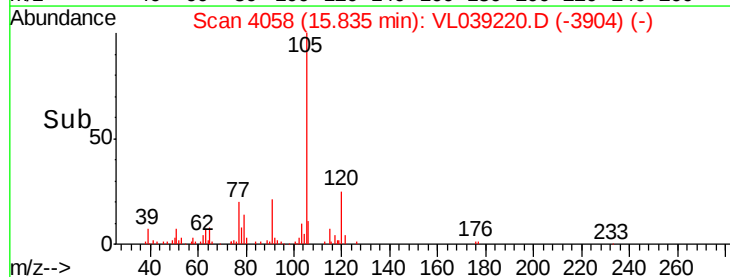
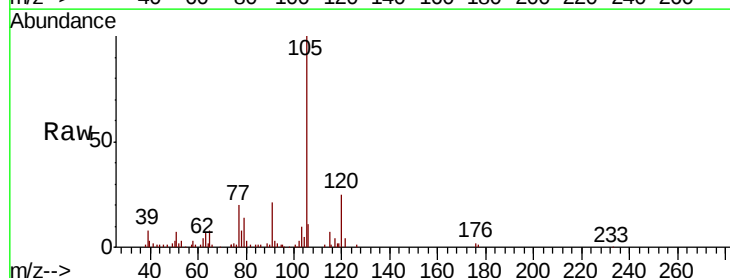
Manual Integrations
 APPROVED

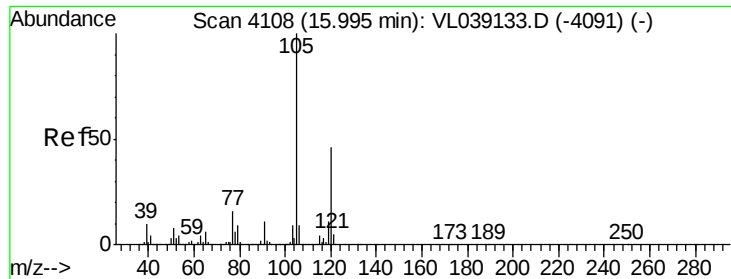
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#72
 4-Ethyltoluene
 Concen: 0.501 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. -0.01 min
 Lab File: VL039220.D
 Acq: 7 Jun 2022 22:15

Tgt Ion:105 Resp: 98466
 Ion Ratio Lower Upper
 105 100
 120 32.1 23.9 35.9
 91 17.0 10.6 16.0#
 77 19.5 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.594 ppbv m

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1

Ion Rati

105 100

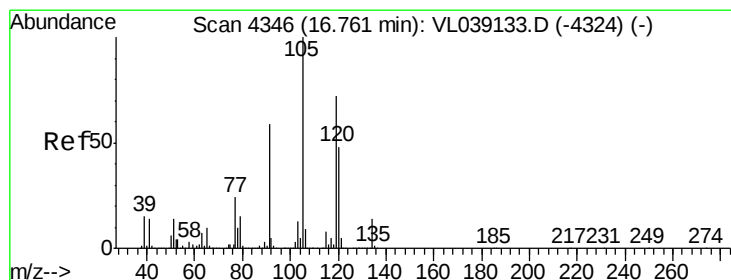
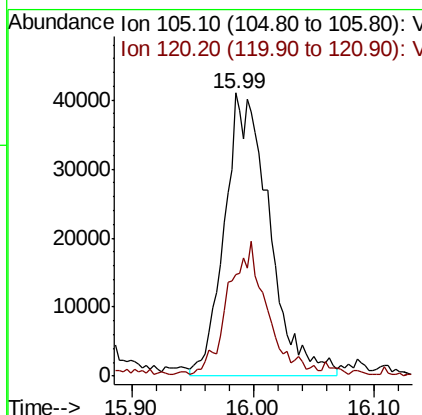
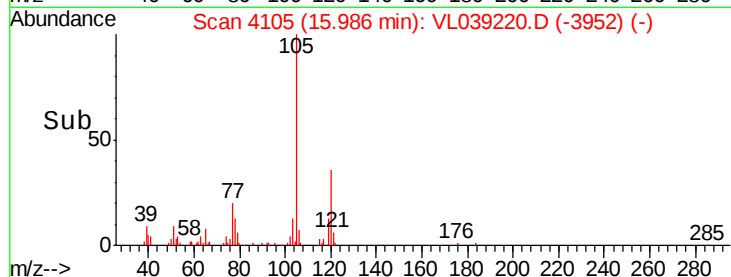
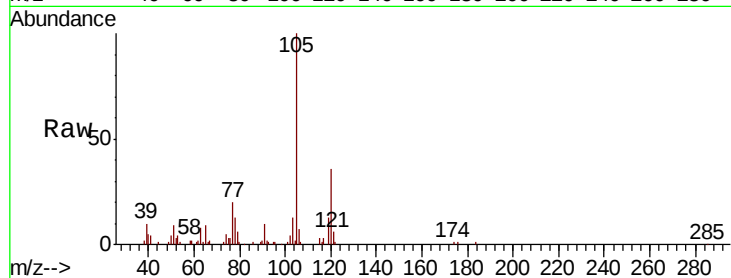
120 35.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.597 ppbv m

RT: 16.76 min Scan# 4346

Delta R.T. 0.00 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tgt Ion:105 Resp: 117984

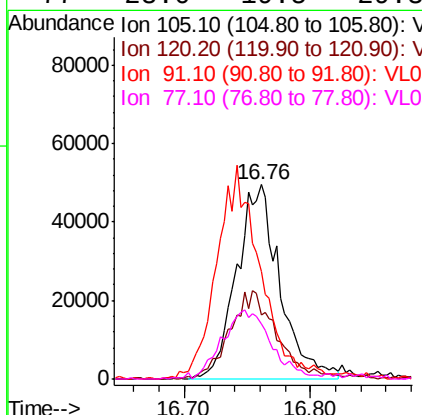
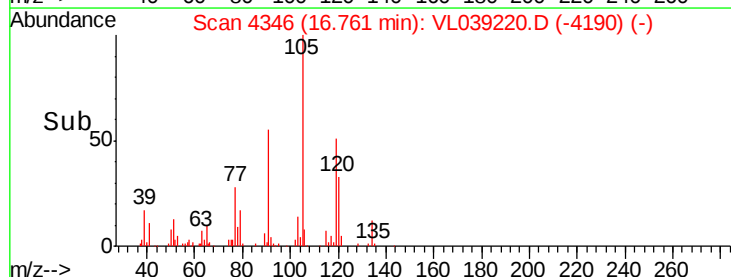
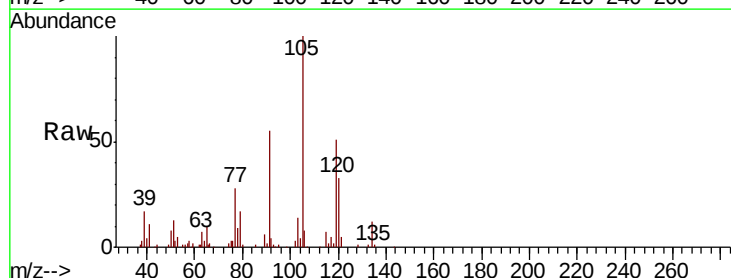
Ion Ratio Lower Upper

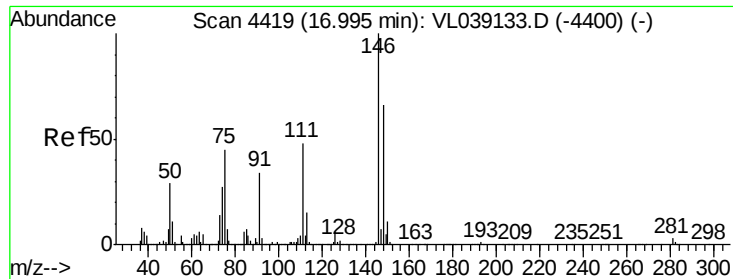
105 100

120 32.9 38.1 57.1#

91 55.4 47.4 71.0

77 28.0 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 0.610 ppbv m

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:15

Tot Ion:1

Ion Rati

146 100

111 53.

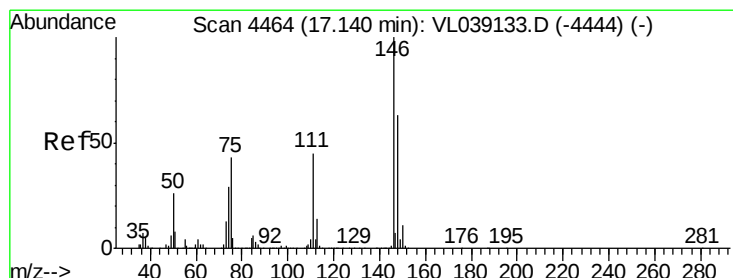
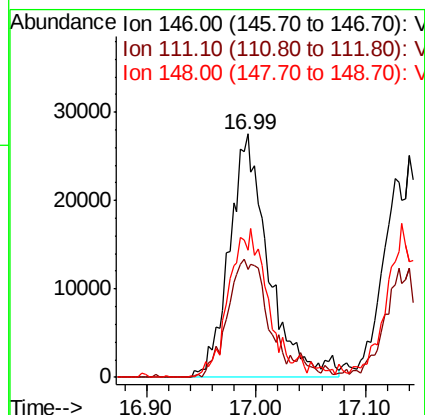
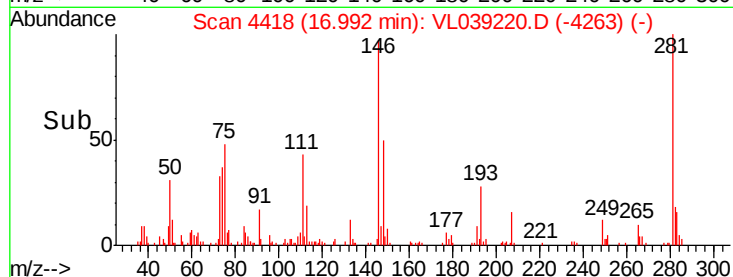
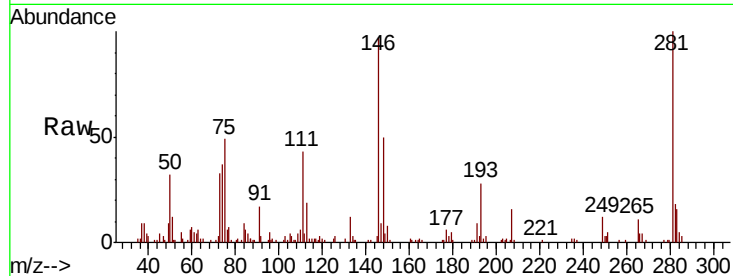
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#76

1,4-Dichlorobenzene

Concen: 0.577 ppbv m

RT: 17.14 min Scan# 4464

Delta R.T. 0.00 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

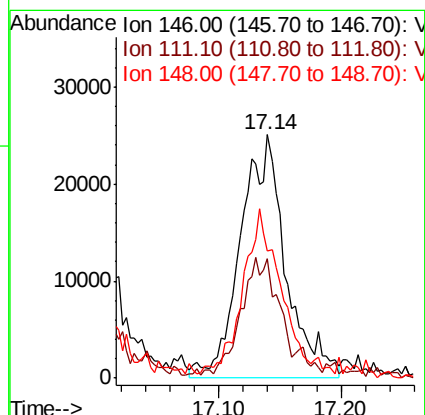
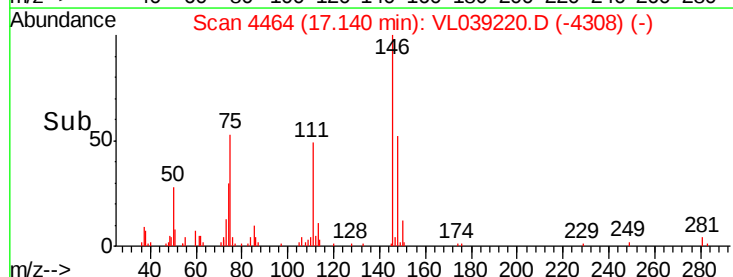
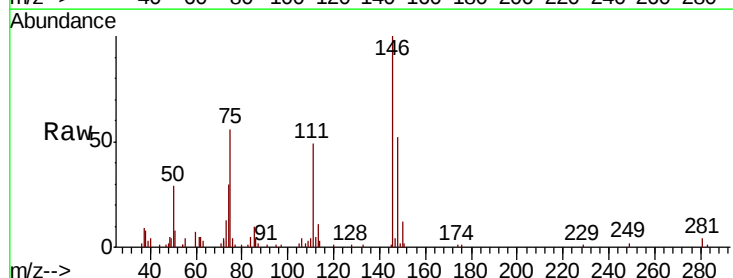
Tgt Ion:146 Resp: 64370

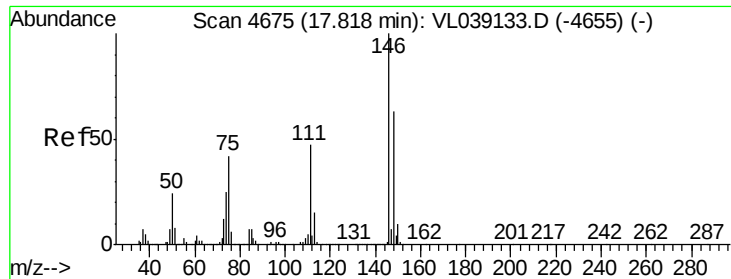
Ion Ratio Lower Upper

146 100

111 46.4 23.6 71.0

148 61.1 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 0.591 ppbv m

RT: 17.82

Delta R.T. MSVOA_L

Lab File:

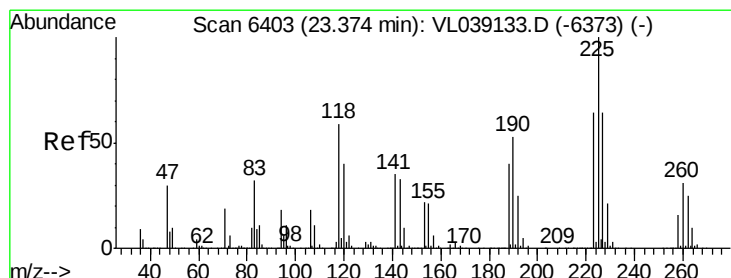
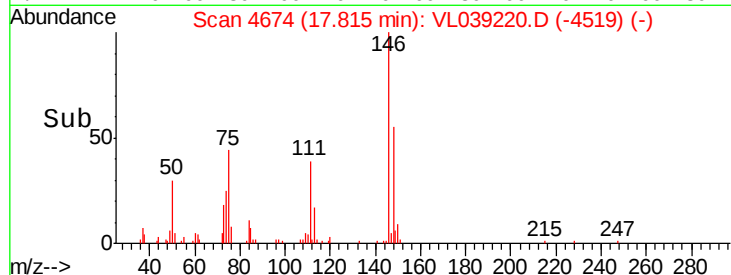
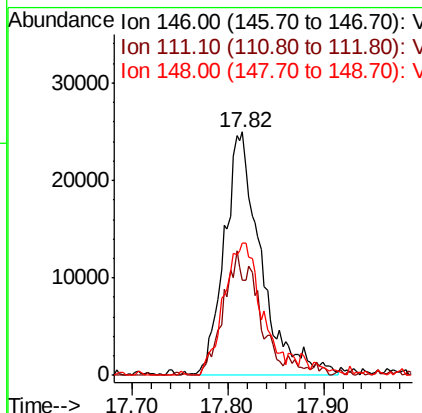
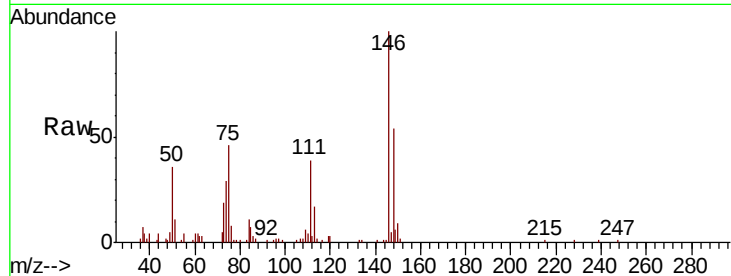
Acq: 7 Jun 2022 22:15

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

Tot Ion:1
Ion Rati
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: 0.637 ppbv m

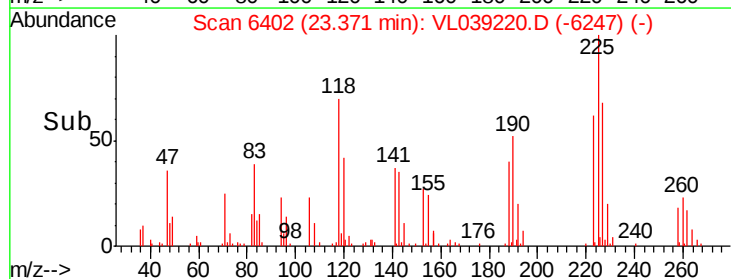
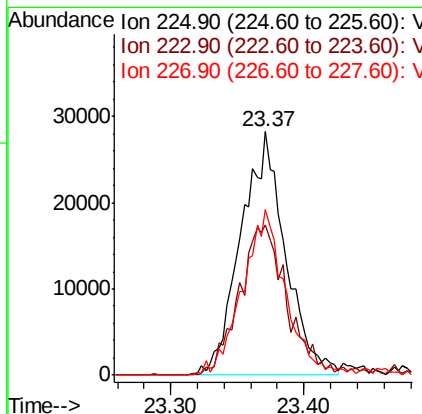
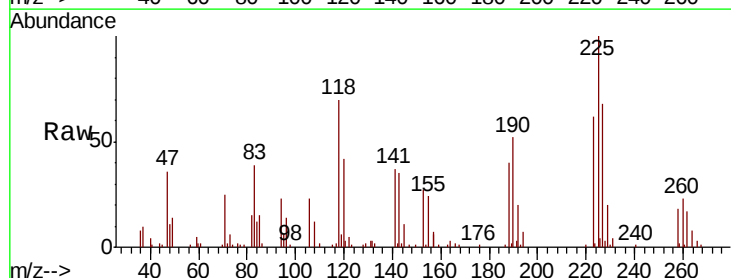
RT: 23.37 min Scan# 6402

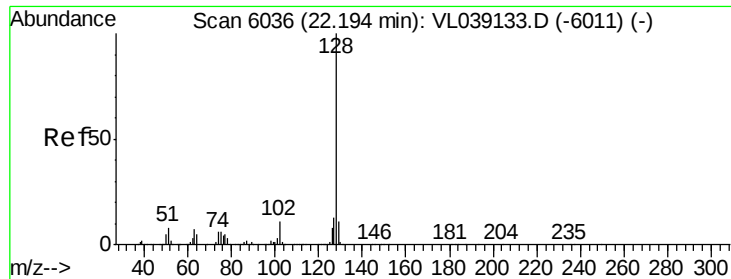
Delta R.T. -0.00 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

Tgt Ion:225 Resp: 65630
Ion Ratio Lower Upper
225 100
223 0.0 51.4 77.0#
227 0.0 50.6 75.8#





#79

Naphthalene

Concen: 0.470 ppbv m

RT: 22.20

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:15 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1

Ion Rati

128 100

127 12.

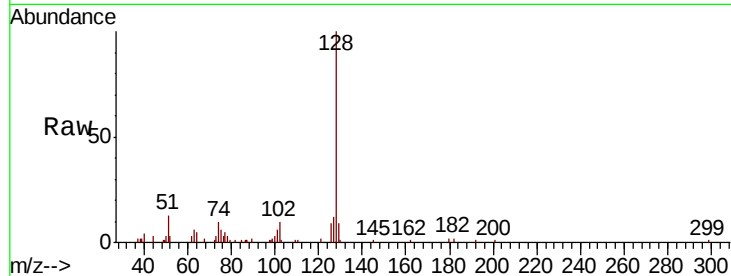
129 8.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

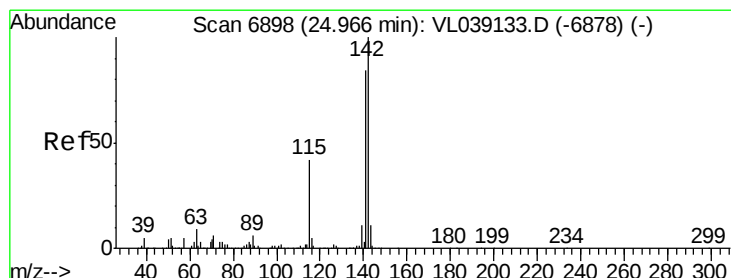
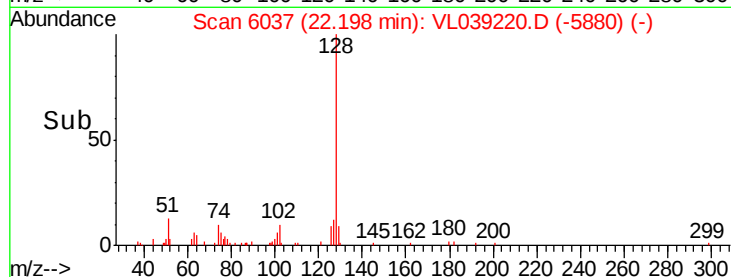
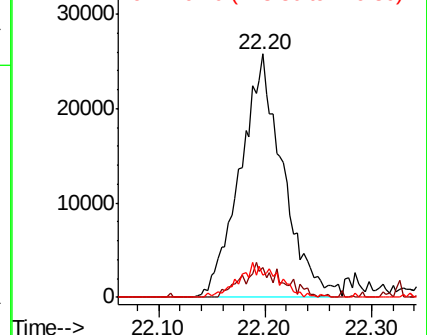
Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 0.262 ppbv m

RT: 24.97 min Scan# 6898

Delta R.T. 0.00 min

Lab File: VL039220.D

Acq: 7 Jun 2022 22:15

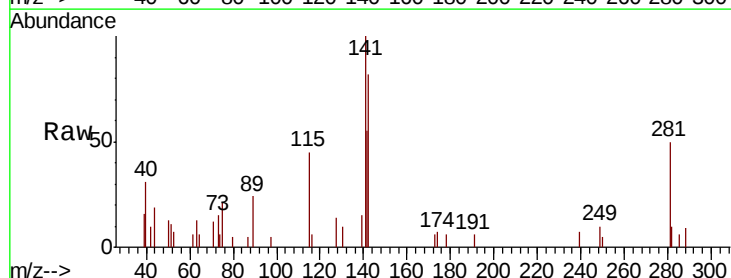
Tgt Ion:142 Resp: 14822

Ion Ratio Lower Upper

142 100

141 50.5 64.6 96.8#

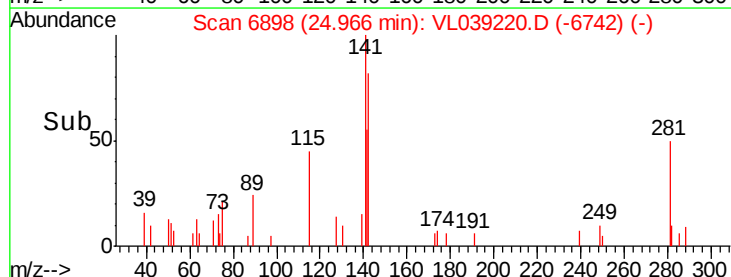
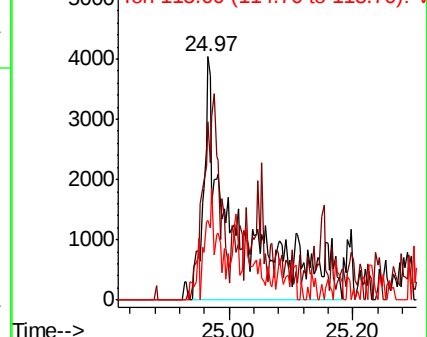
115 19.6 32.7 49.1#

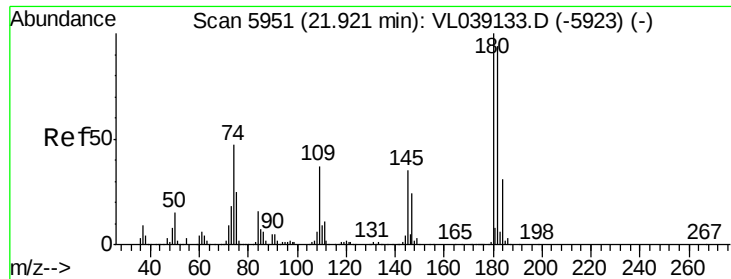


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.468 ppbv m
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 22:15

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

