

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036901.D
 Acq On : 6 May 2021 13:36
 Operator : SY/AP
 Sample : M2262-13 0.4
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2021

Manual Integrations
 APPROVED

Quant Time: May 08 17:06:06 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A

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

QLast Update : Tue Apr 27 16:56:35 2021

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 05/08/2021
 Supervised By : Mahesh Dadoda 05/10/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1430339	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3275281	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2880074	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2345049	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	141875	0.630	ppbv	94
3) Chlorodifluoromethane	2.99	51	126246	0.485	ppbv	99
4) Chloromethane	3.14	50	42337m	0.494	ppbv	
5) Vinyl Chloride	3.27	62	35517m	0.411	ppbv	
6) Bromomethane	3.48	94	23400m	0.504	ppbv	
7) Chloroethane	3.56	64	13883m	0.489	ppbv	
8) Dichlorotetrafluoroethane	3.19	85	105844	0.515	ppbv	97
9) Propene	3.02	41	27464m	0.346	ppbv	
10) Heptane	8.13	43	50931	0.255	ppbv	99
11) Trichlorofluoromethane	3.95	101	91192	0.454	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.49	101	58866	0.437	ppbv	96
13) Ethanol	3.65	45	5236m	0.517	ppbv	
14) Bromoethene	3.74	108	21843	0.397	ppbv	86
15) Acetone	3.88	43	78727m	0.584	ppbv	
16) 1,3-Butadiene	3.34	39	31426m	0.365	ppbv	
17) tert-Butyl alcohol	4.35	59	50117m	0.458	ppbv	
18) 1,1-Dichloroethene	4.30	96	22537	0.385	ppbv	# 56
19) Isopropyl Alcohol	4.02	45	32425m	0.485	ppbv	
20) Methylene Chloride	4.36	84	35412m	0.549	ppbv	
21) Allyl Chloride	4.42	41	43380m	0.433	ppbv	
22) trans-1,2-Dichloroethene	4.89	96	22399m	0.382	ppbv	
23) Vinyl Acetate	5.10	43	65541m	0.357	ppbv	
24) 1,1-Dichloroethane	5.02	63	73537m	0.565	ppbv	
25) Ethyl Acetate	5.70	43	120054	0.365	ppbv	97
26) Hexane	5.69	57	53931m	0.350	ppbv	
27) Carbon Disulfide	4.56	76	48999	0.366	ppbv	# 84
28) Methyl tert-Butyl Ether	5.06	73	59310m	0.434	ppbv	
29) Chloroform	5.76	83	110277	0.459	ppbv	95
30) Cyclohexane	7.17	84	60440m	0.495	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	42374m	0.306	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	106670	0.437	ppbv	96
34) 2-Butanone	5.28	43	58498m	0.408	ppbv	
35) Carbon Tetrachloride	7.02	117	112158	0.505	ppbv	94
36) Benzene	6.90	78	86284m	0.313	ppbv	
37) 1,2-Dichloroethane	6.31	62	64750m	0.414	ppbv	
38) Trichloroethene	7.84	130	38282m	0.390	ppbv	
39) 1,2-Dichloropropane	7.62	63	50729m	0.459	ppbv	
40) 1,4-Dioxane	7.91	88	12044m	0.451	ppbv	
41) Tetrahydrofuran	6.09	42	14820m	0.236	ppbv	
42) Bromodichloromethane	7.79	83	100226m	0.462	ppbv	
43) Methyl Methacrylate	8.03	69	20937m	0.233	ppbv	

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Manual Integrations
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Quant Time: May 08 17:06:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	149105	0.315	ppbv	# 80
45) t-1,3-Dichloropropene	9.28	75	23857m	0.246	ppbv	
46) cis-1,3-Dichloropropene	8.72	75	32246m	0.259	ppbv	
47) 1,1,2-Trichloroethane	9.48	97	51184m	0.447	ppbv	
48) Dibromochloromethane	10.31	129	66501	0.392	ppbv	96
49) Bromoform	13.05	173	53691m	0.397	ppbv	
50) 4-Methyl-2-Pentanone	8.78	43	54470m	0.278	ppbv	
51) 2-Hexanone	10.18	43	23246m	0.238	ppbv	
52) Tetrachloroethene	11.22	164	35799m	0.381	ppbv	
53) Toluene	9.81	91	69127m	0.239	ppbv	
54) 1,2-Dibromoethane	10.61	107	62514m	0.387	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.12	131	65253m	0.540	ppbv	
57) Chlorobenzene	12.14	112	110144	0.491	ppbv	88
58) Ethyl Benzene	12.72	91	92550	0.253	ppbv	94
59) m/p-Xylene	13.00	91	198970m	0.609	ppbv	
60) o-Xylene	13.69	91	100898	0.320	ppbv	98
61) Styrene	13.53	104	31228m	0.211	ppbv	
62) Isopropylbenzene	14.67	105	142158	0.331	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	129009m	0.510	ppbv	
64) n-propylbenzene	15.56	120	30039m	0.281	ppbv	
65) tert-Butylbenzene	16.76	119	122022m	0.321	ppbv	
66) Benzyl Chloride	16.99	91	14415m	0.388	ppbv	
67) sec-Butylbenzene	17.29	105	170260	0.323	ppbv	98
69) p-Isopropyltoluene	17.66	119	113543m	0.269	ppbv	
70) n-Butylbenzene	18.56	91	118060m	0.277	ppbv	
71) 2-Chlorotoluene	15.46	91	95594	0.301	ppbv	99
72) 4-Ethyltoluene	15.85	105	95524m	0.282	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	91337m	0.278	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	119516m	0.342	ppbv	
75) 1,3-Dichlorobenzene	17.00	146	91653m	0.444	ppbv	
76) 1,4-Dichlorobenzene	17.15	146	76229m	0.378	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	82799m	0.411	ppbv	
78) Hexachloro-1,3-Butadiene	23.38	225	78185m	0.457	ppbv	
79) Naphthalene	22.22	128	31526m	0.161	ppbv	
81) 1,2,4-Trichlorobenzene	21.94	180	29248m	0.231	ppbv	

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

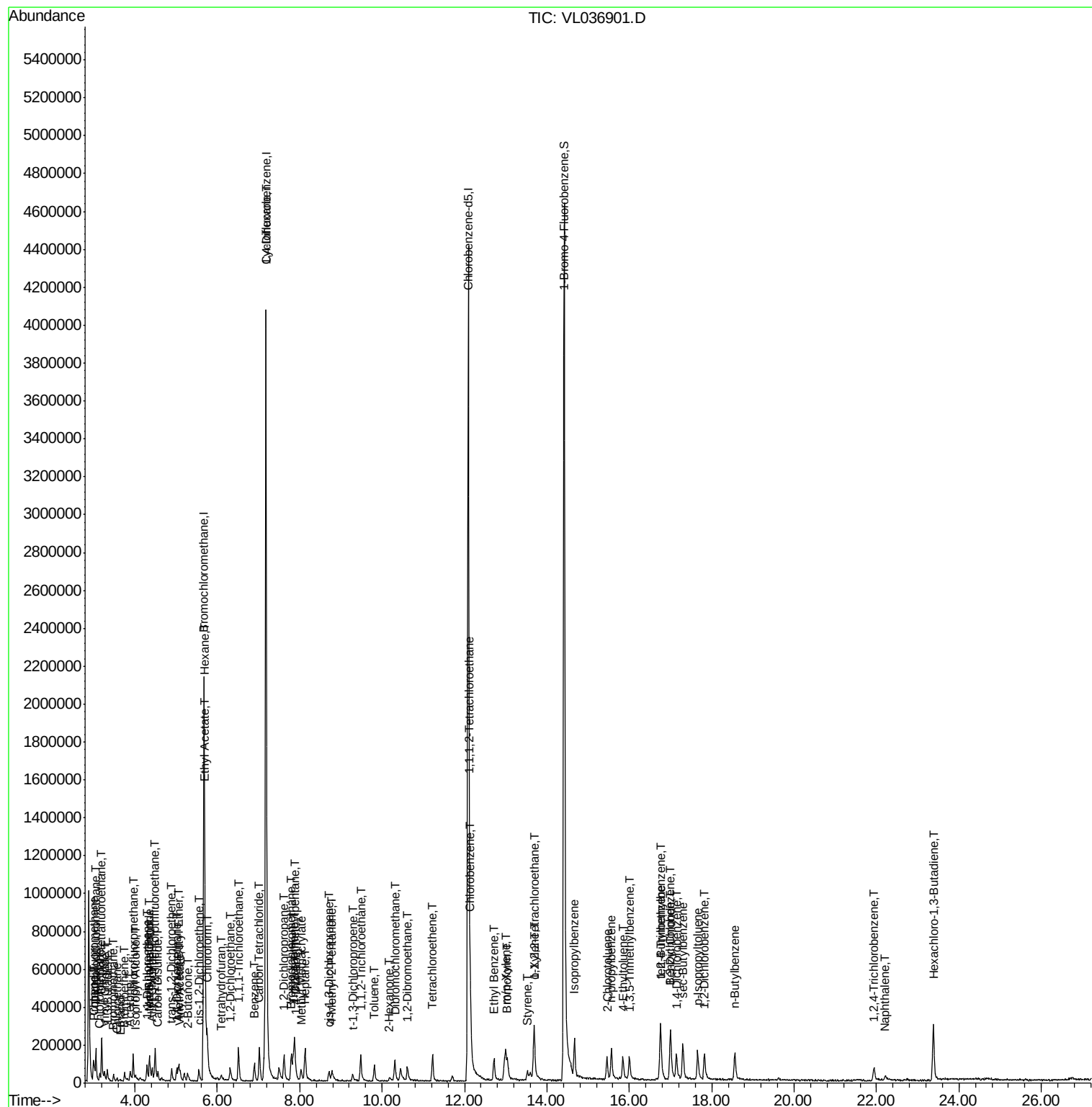
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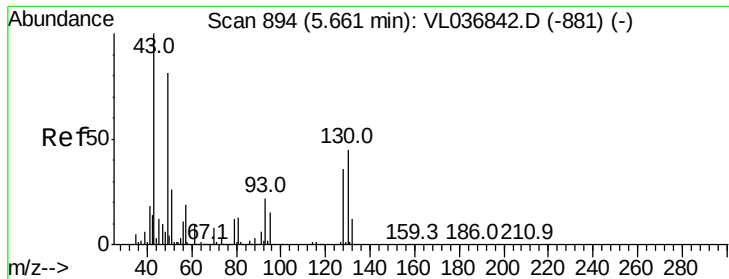
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

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Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: LOD-MDL-AIR-01-OT2-2021

Acq: 6 May 2021 13:30

Tot Ion:

Ion Ratio

49 100

128 43.

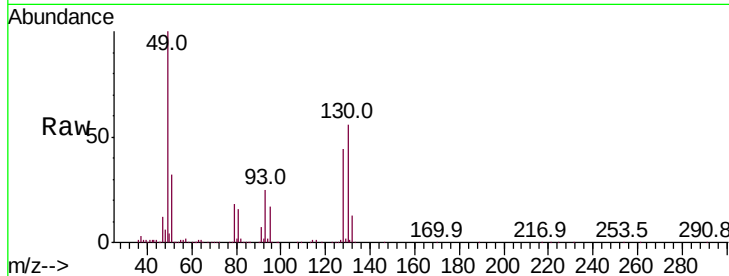
130 55.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

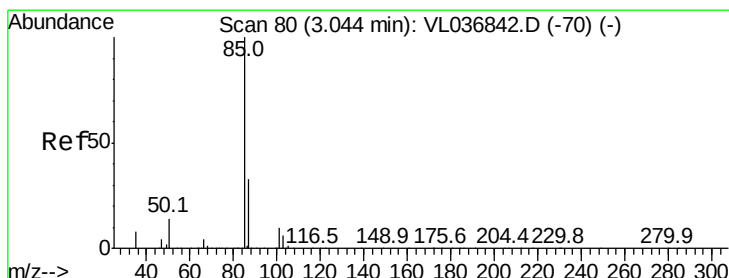
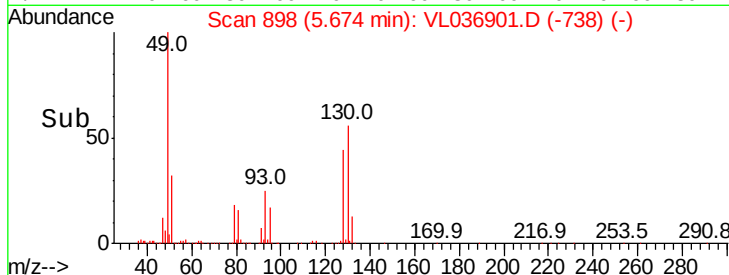
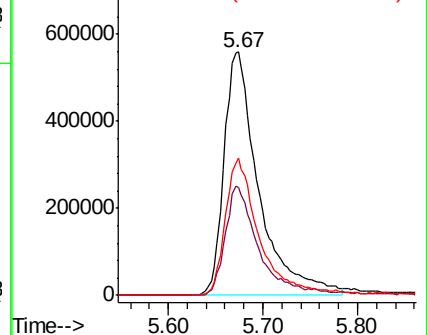
Supervised By :Mahesh Dadoda 05/10/2021



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.630 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL036901.D

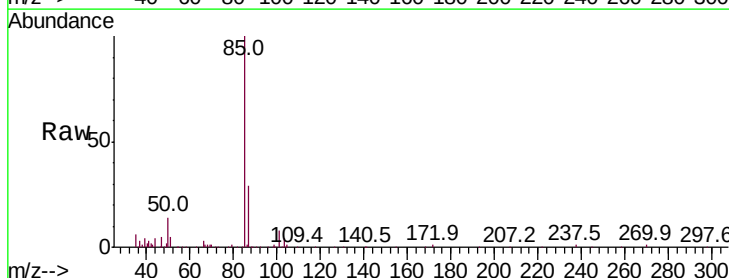
Acq: 6 May 2021 13:36

Tgt Ion: 85 Resp: 141875

Ion Ratio Lower Upper

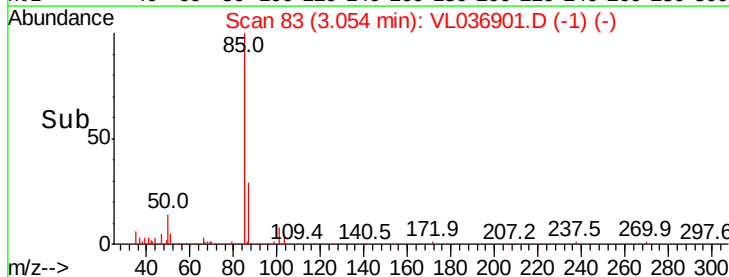
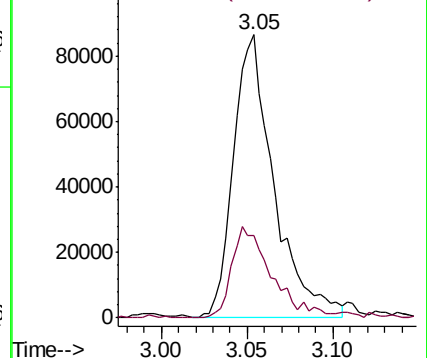
85 100

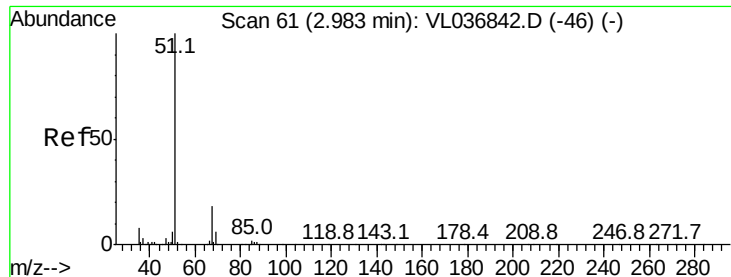
87 29.2 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.485 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 13:30 LOD-MDL-AIR-01-OT2-2021

Tot Ion:

Ion Ratio

51 100

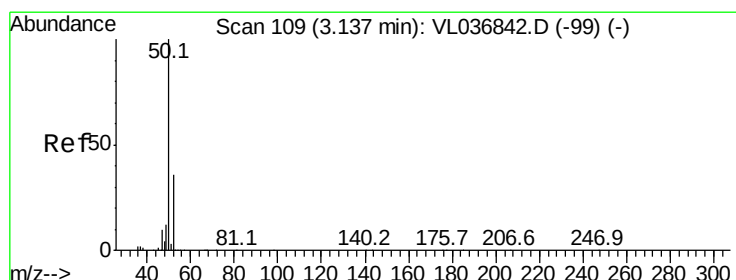
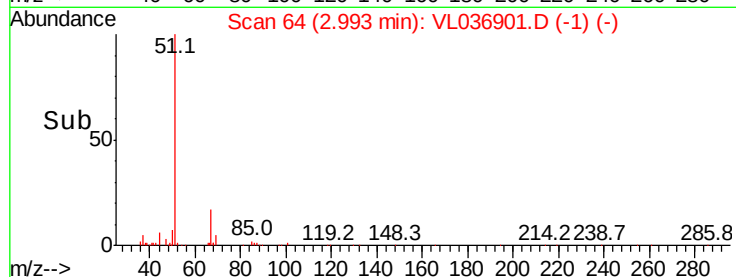
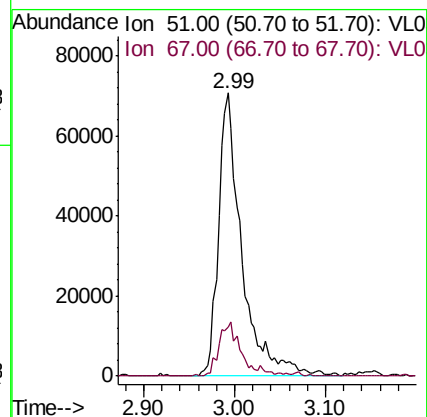
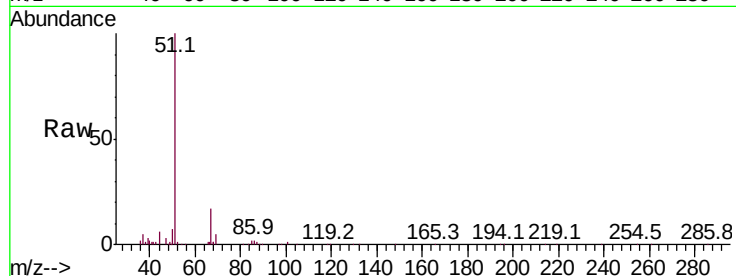
67 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#4

Chloromethane

Concen: 0.494 ppbv m

RT: 3.14 min Scan# 111

Delta R.T. 0.01 min

Lab File: VL036901.D

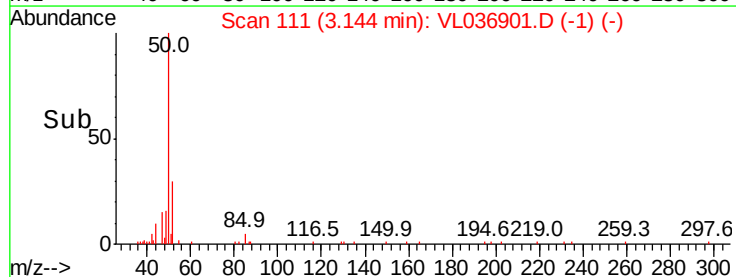
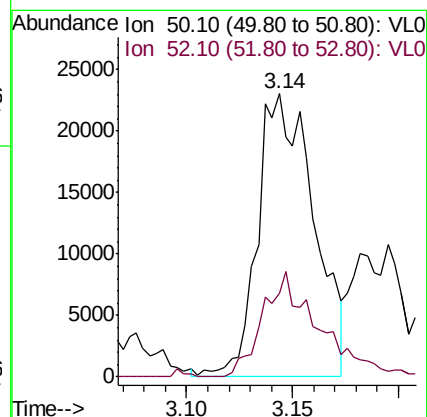
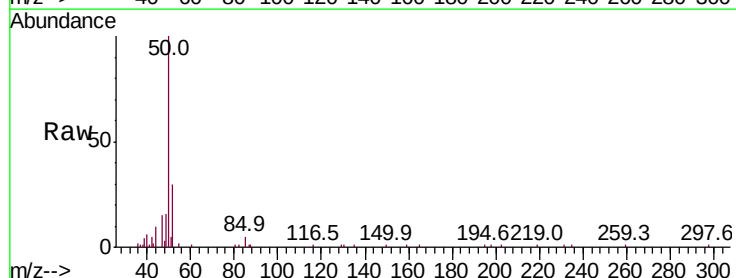
Acq: 6 May 2021 13:36

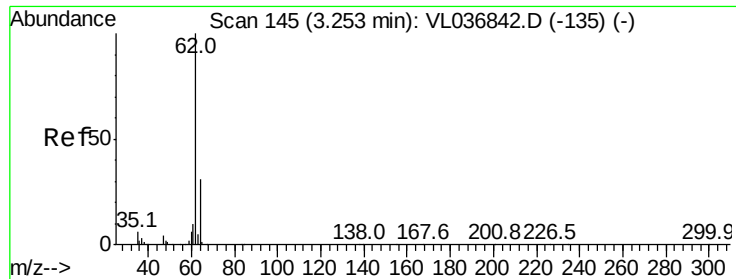
Tgt Ion: 50 Resp: 42337

Ion Ratio Lower Upper

50 100

52 29.7 28.5 42.7





#5

Vinyl Chloride

Concen: 0.411 ppbv m

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 13:30 LOD-MDL-AIR-01-OT2-2021

Tot Ion:

Ion Ratio

62 100

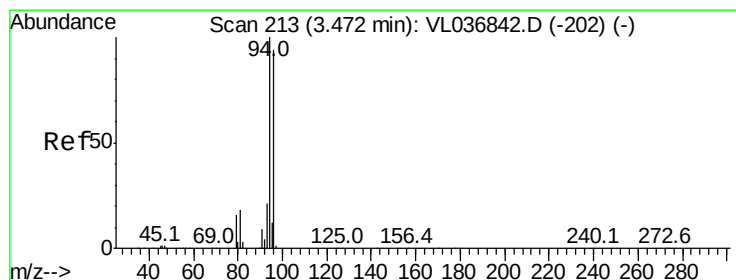
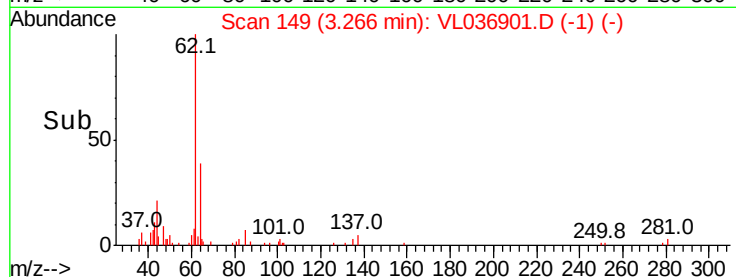
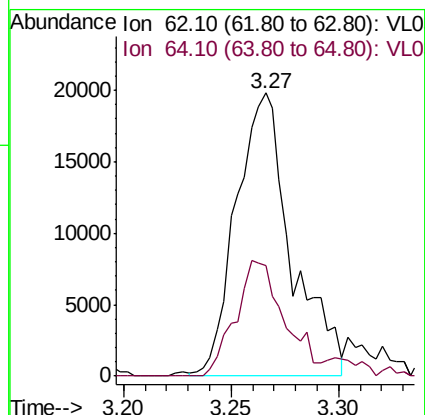
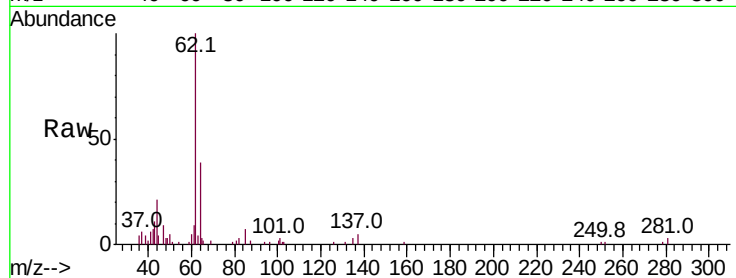
64 39.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#6

Bromomethane

Concen: 0.504 ppbv m

RT: 3.48 min Scan# 215

Delta R.T. 0.01 min

Lab File: VL036901.D

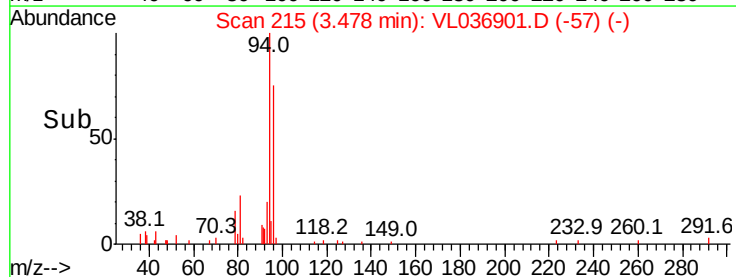
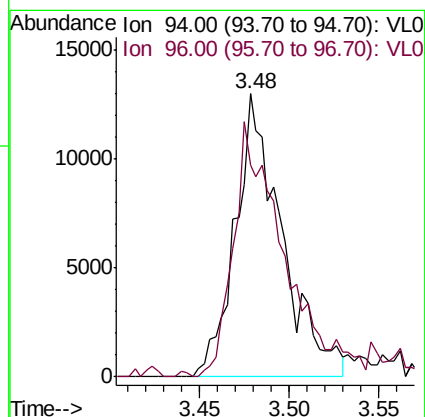
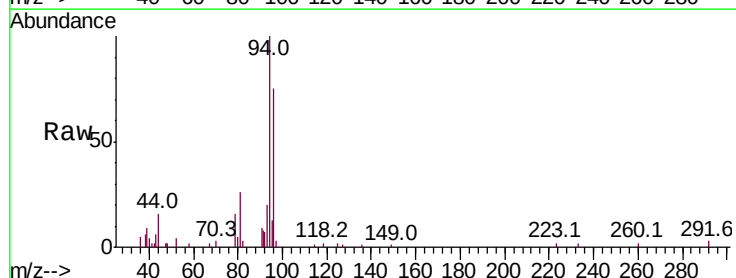
Acq: 6 May 2021 13:36

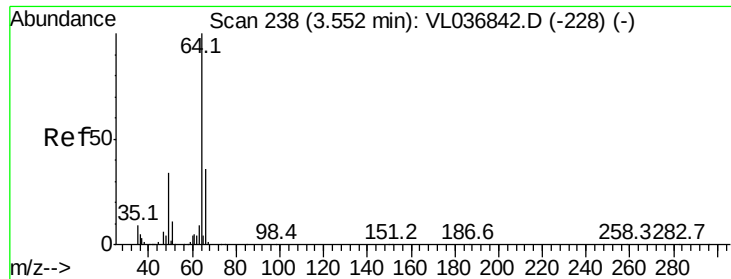
Tgt Ion: 94 Resp: 23400

Ion Ratio Lower Upper

94 100

96 74.7 75.4 113.0#





#7

Chloroethane

Concen: 0.489 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 13:30 LOD-MDL-AIR-01-OT2-2021

Tot Ion:

Ion Ratio

64 100

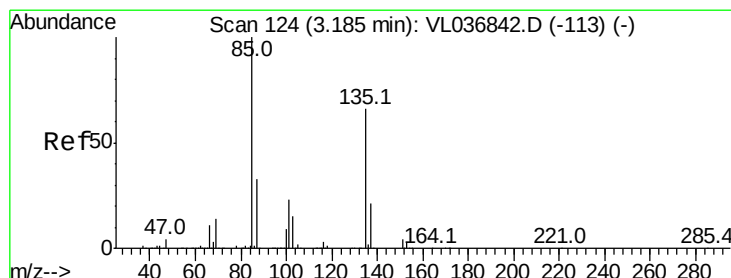
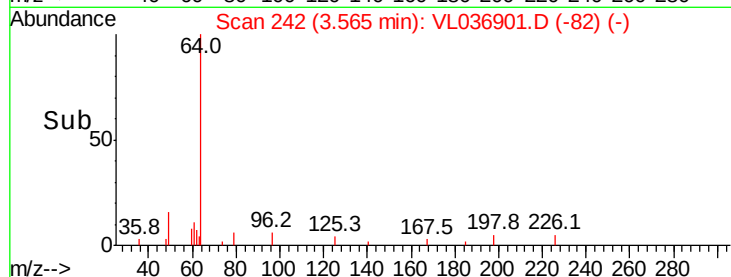
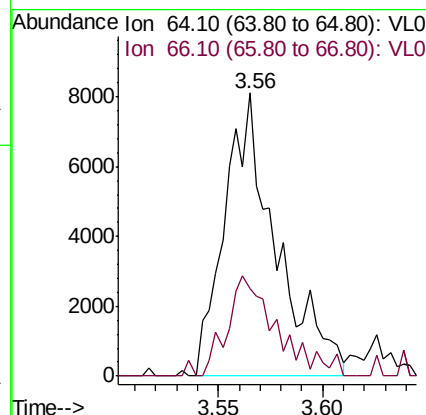
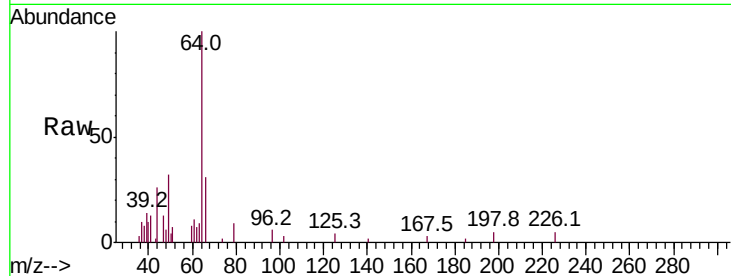
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#8

Dichlorotetrafluoroethane

Concen: 0.515 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036901.D

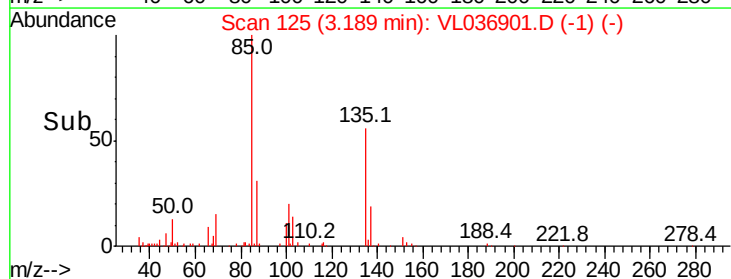
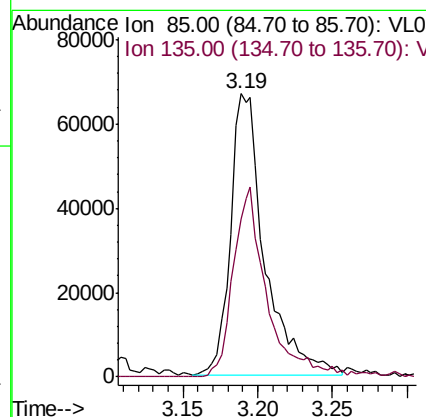
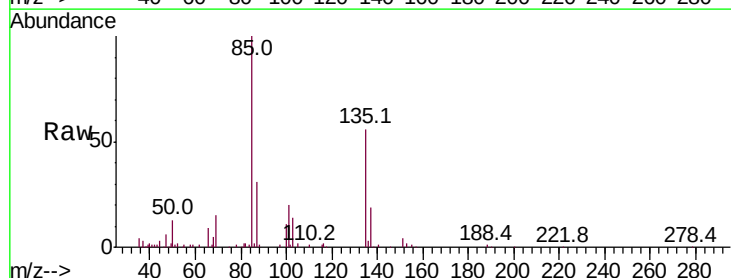
Acq: 6 May 2021 13:36

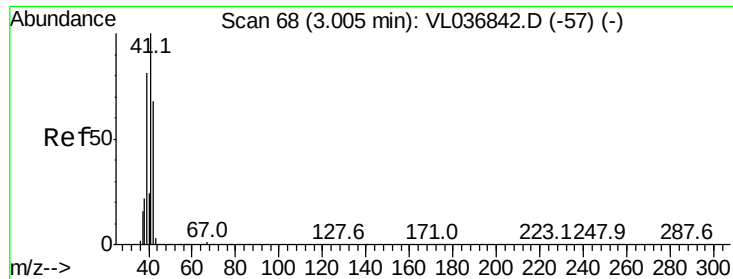
Tgt Ion: 85 Resp: 105844

Ion Ratio Lower Upper

85 100

135 67.7 56.2 84.4





#9

Propene

Concen: 0.346 ppbv m

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 13:30

Tot Ion:

Ion Ratio

41 100

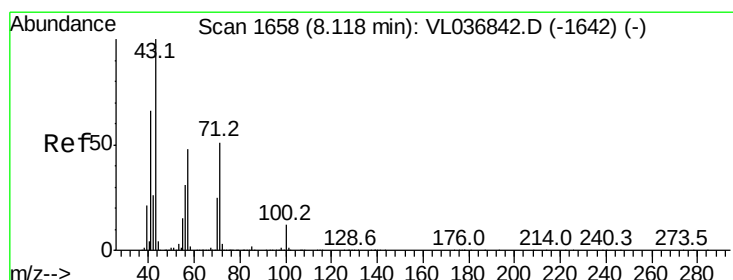
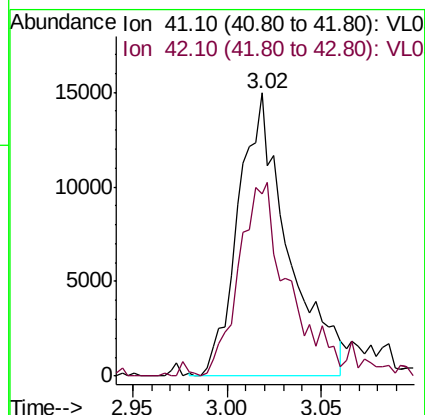
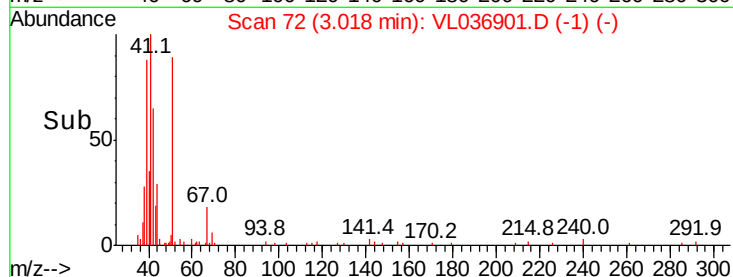
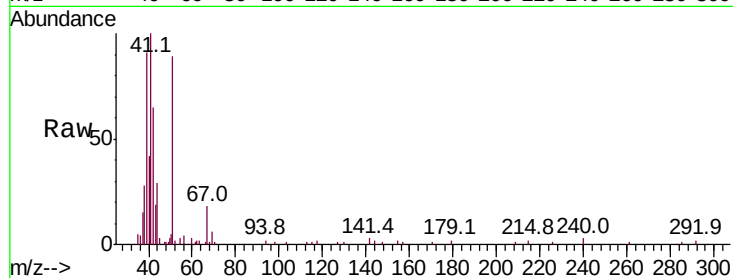
42 73.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#10

Heptane

Concen: 0.255 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VL036901.D

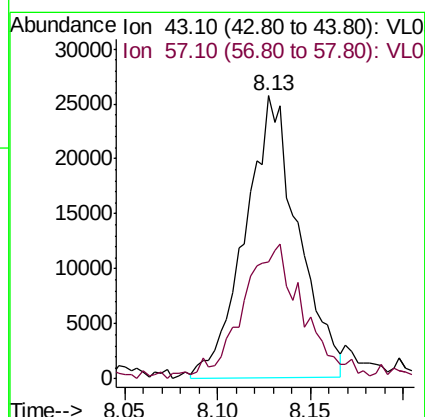
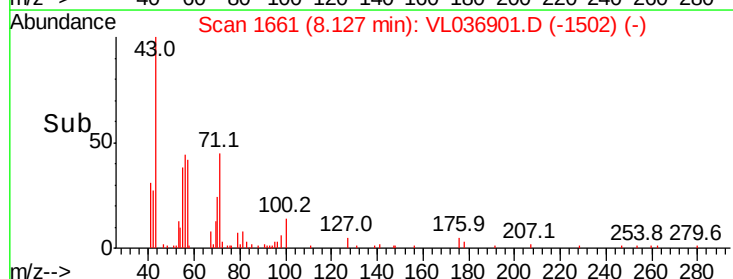
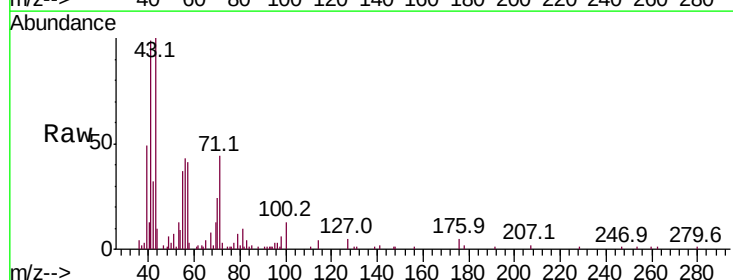
Acq: 6 May 2021 13:36

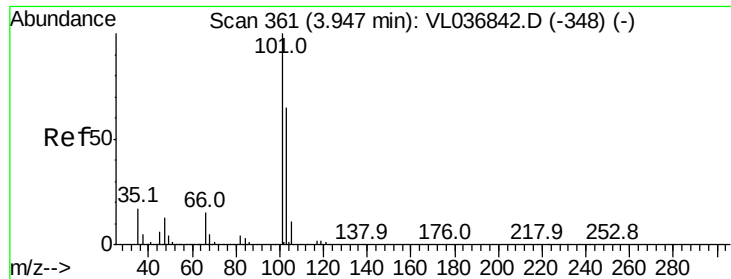
Tgt Ion: 43 Resp: 50931

Ion Ratio Lower Upper

43 100

57 49.3 38.8 58.2



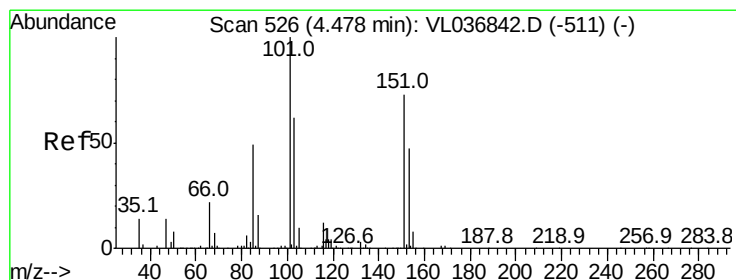
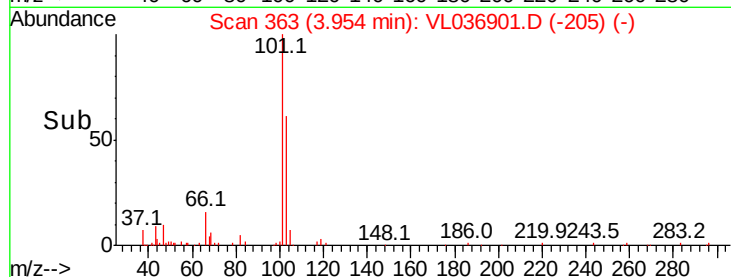
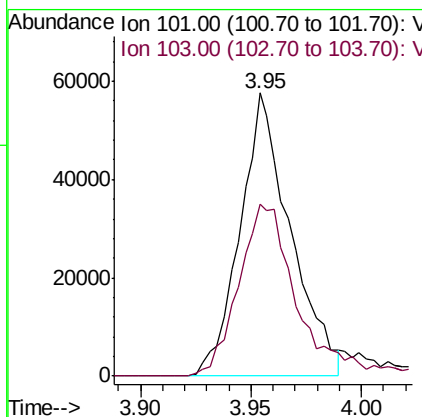
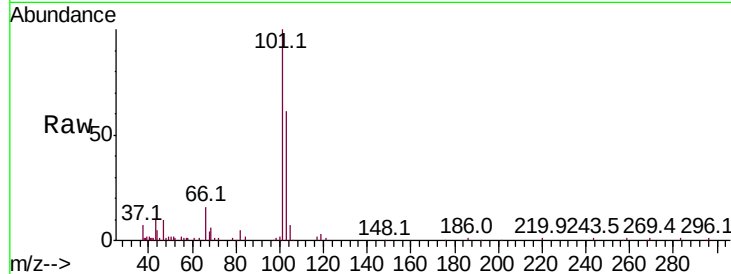


#11
 Trichlorofluoromethane
 Concen: 0.454 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 LOD-MDL-AIR-01-QT2-2021
 Acq: 6 May 2021 13:30

Tot Ion:1
 Ion Rati
 101 100
 103 60.

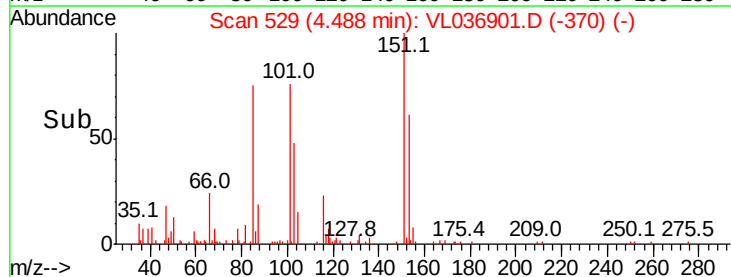
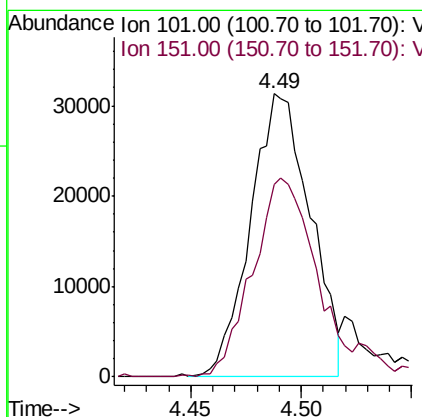
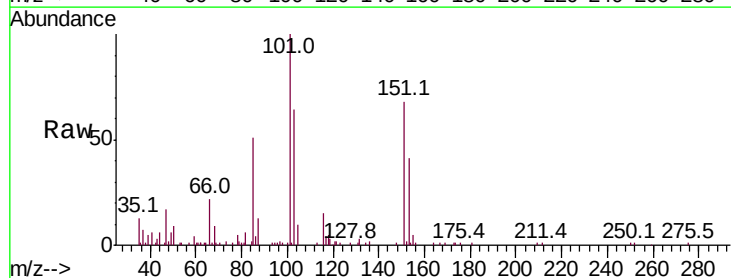
Manual Integrations
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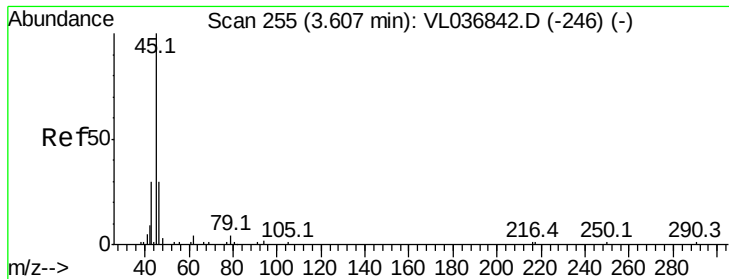
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.437 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. 0.01 min
 Lab File: VL036901.D
 Acq: 6 May 2021 13:36

Tgt Ion:101 Resp: 58866
 Ion Ratio Lower Upper
 101 100
 151 80.1 61.1 91.7





#13

Ethanol

Concen: 0.517 ppbv m

RT: 3.65 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 6 May 2021 13:30 LOD-MDL-AIR-01-QT2-2021

Tot Ion:

Ion Ratio

45 100

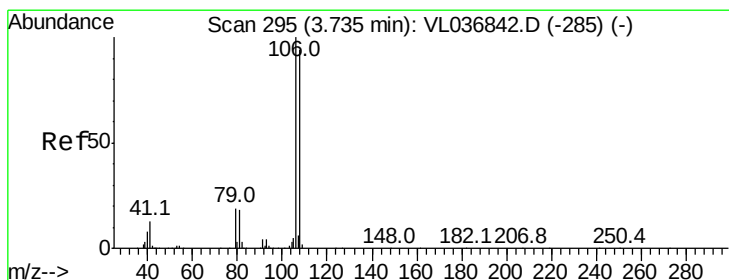
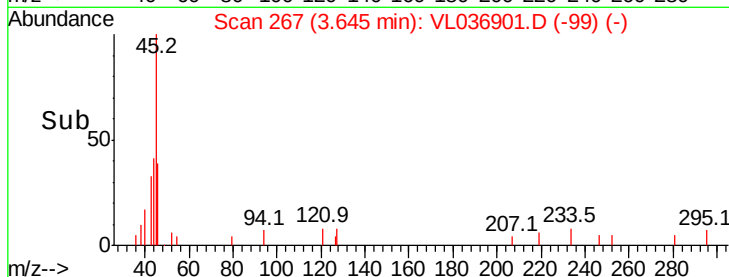
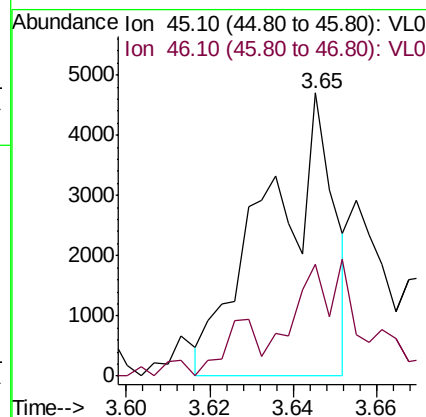
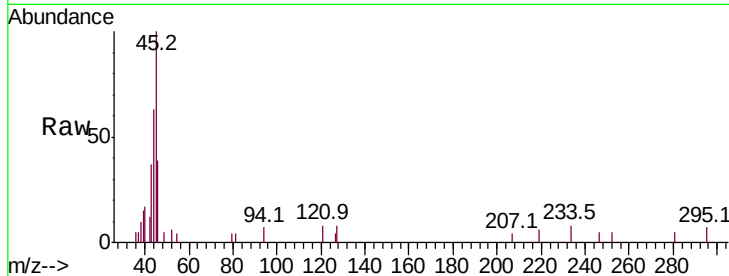
46 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#14

Bromoethene

Concen: 0.397 ppbv

RT: 3.74 min Scan# 298

Delta R.T. 0.01 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

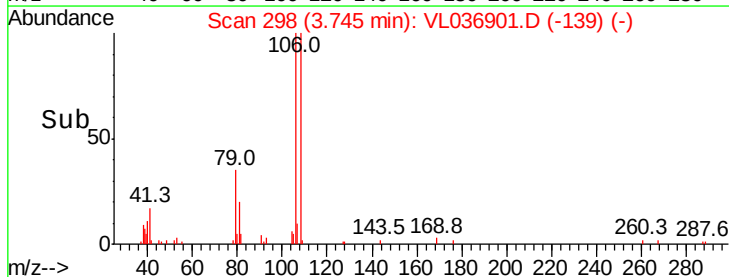
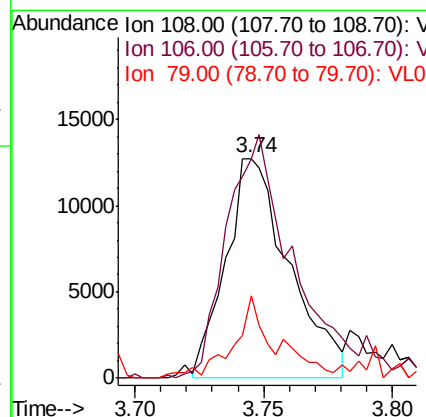
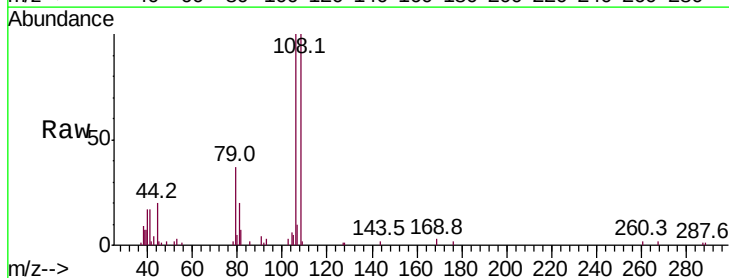
Tgt Ion:108 Resp: 21843

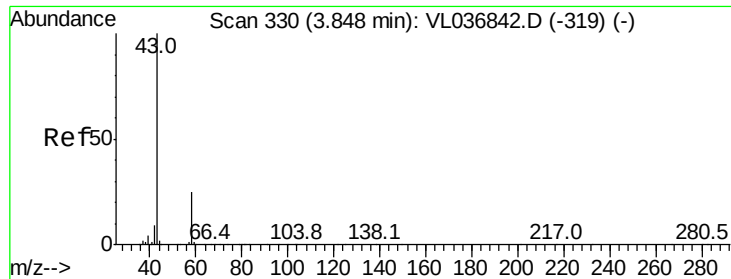
Ion Ratio Lower Upper

108 100

106 126.2 88.5 132.7

79 26.5 17.9 26.9





#15

Acetone

Concen: 0.584 ppbv m

RT: 3.88

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 13:30

Tot Ion:

Ion Ratio

43 100

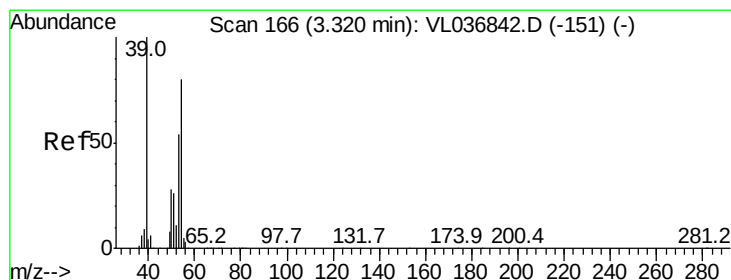
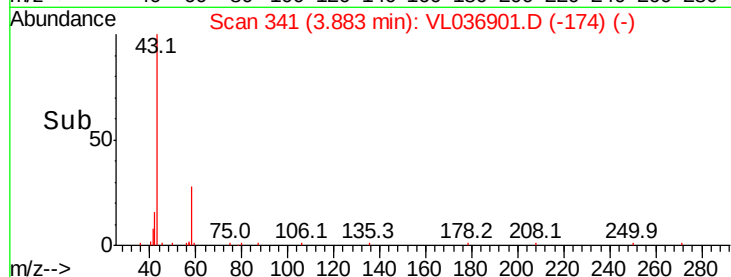
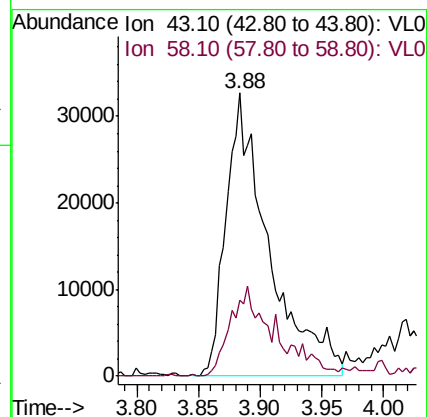
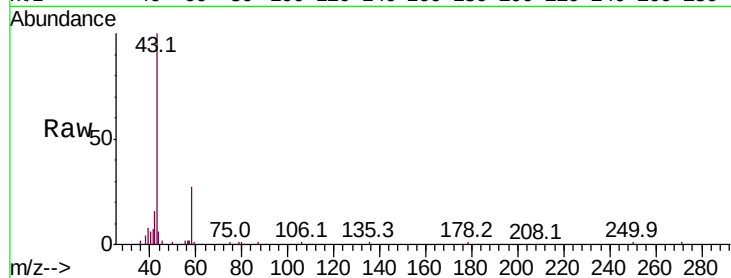
58 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#16

1,3-Butadiene

Concen: 0.365 ppbv m

RT: 3.34 min Scan# 171

Delta R.T. 0.02 min

Lab File: VL036901.D

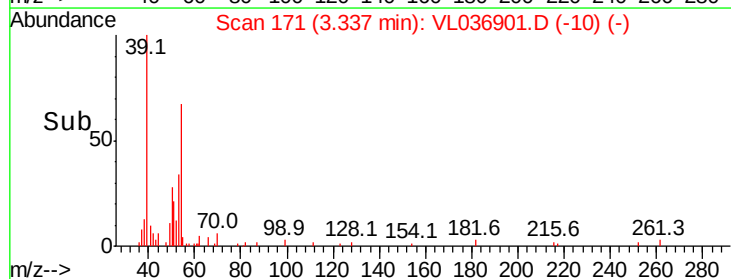
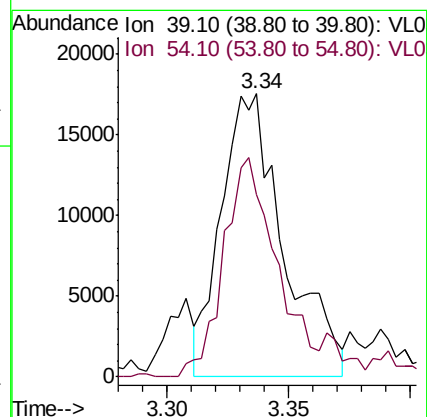
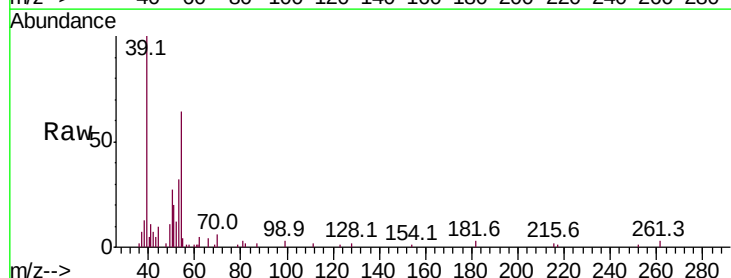
Acq: 6 May 2021 13:36

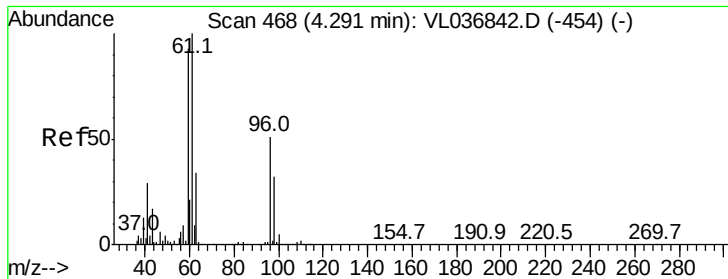
Tgt Ion: 39 Resp: 31426

Ion Ratio Lower Upper

39 100

54 76.4 59.6 89.4





#17

tert-Butyl alcohol

Concen: 0.458 ppbv m

RT: 4.35

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId :

Acq: 6 May 2021 13:30

Tot Ion:

Ion Ratio

59 100

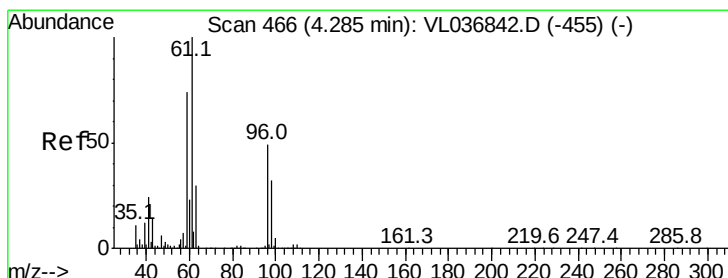
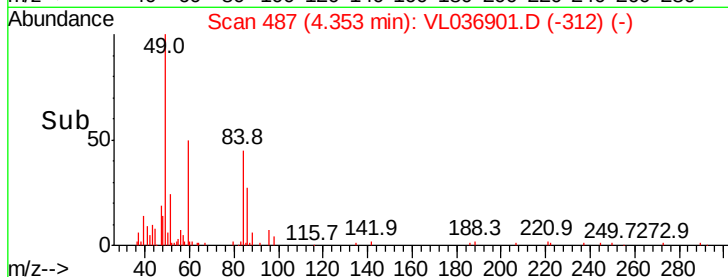
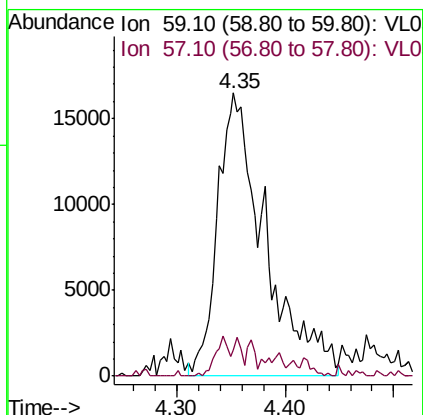
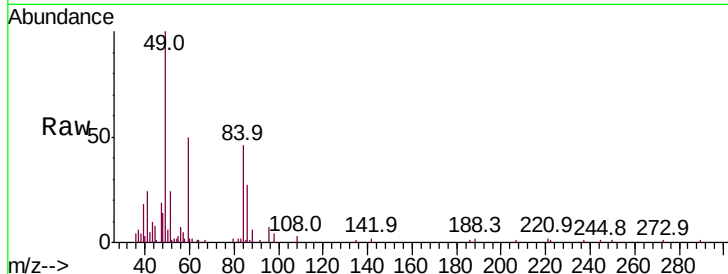
57 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#18

1,1-Dichloroethene

Concen: 0.385 ppbv

RT: 4.30 min Scan# 471

Delta R.T. 0.02 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

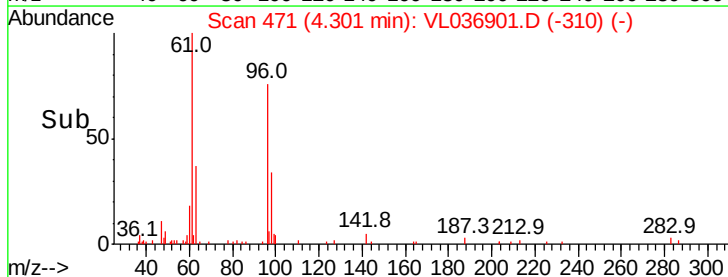
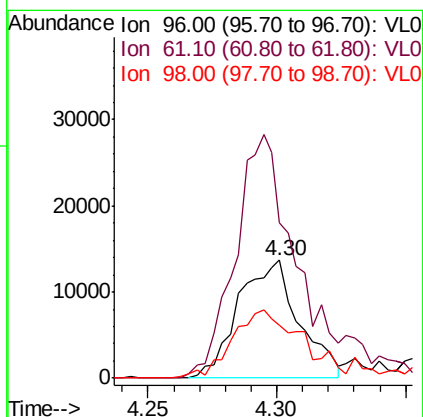
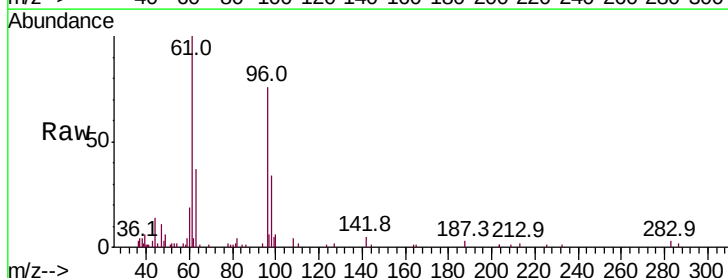
Tgt Ion: 96 Resp: 22537

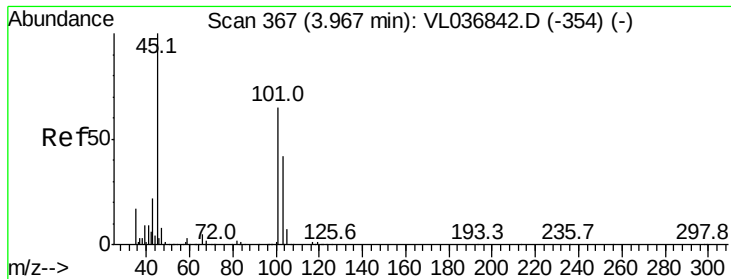
Ion Ratio Lower Upper

96 100

61 127.8 162.2 243.2#

98 42.0 51.8 77.6#





#19

Isopropyl Alcohol

Concen: 0.485 ppbv m

RT: 4.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 13:30

Tot Ion:

Ion Ratio

45 100

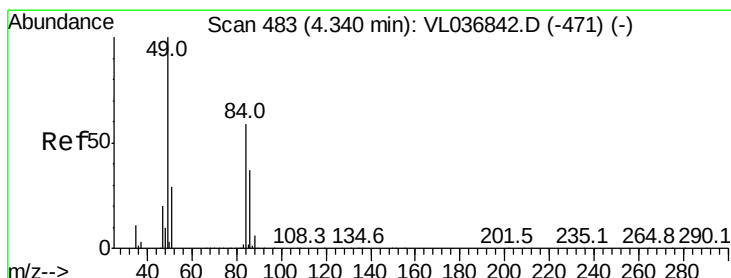
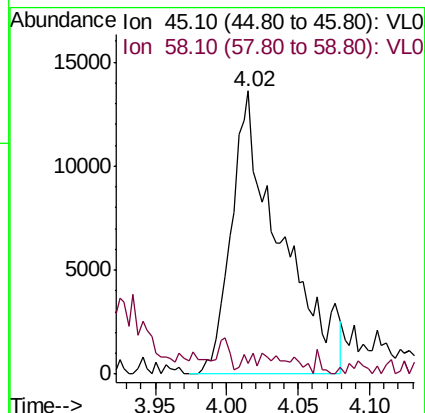
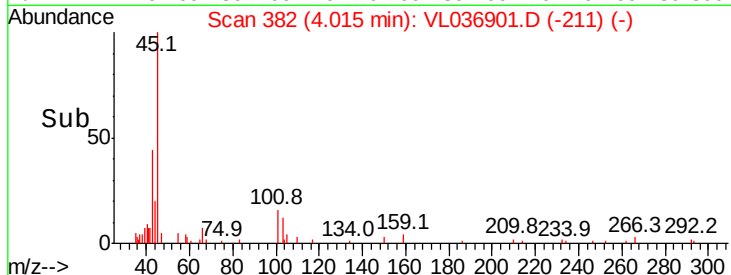
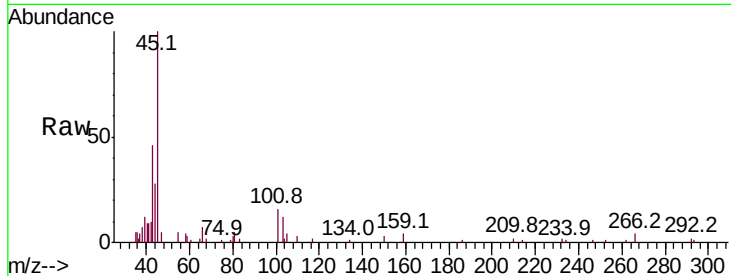
58 6.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#20

Methylene Chloride

Concen: 0.549 ppbv m

RT: 4.36 min Scan# 488

Delta R.T. 0.02 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

Tgt Ion: 84 Resp: 35412

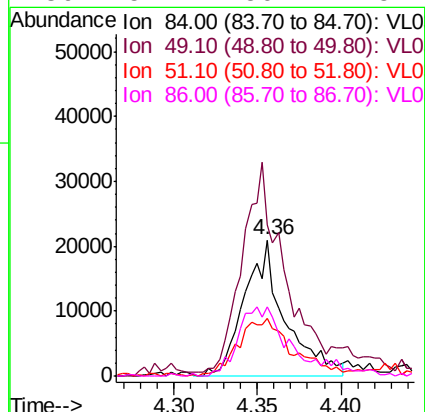
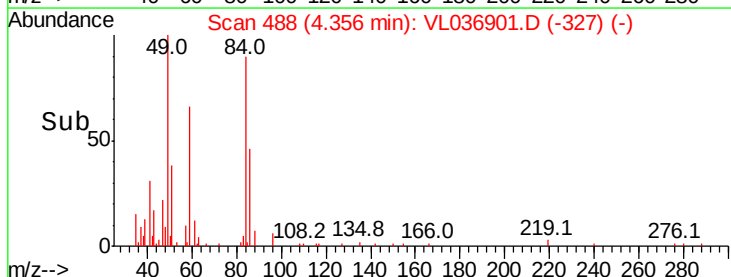
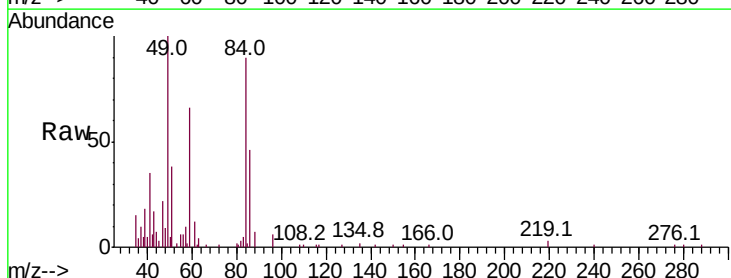
Ion Ratio Lower Upper

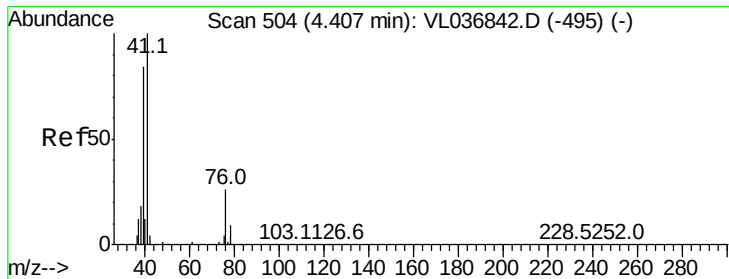
84 100

49 110.5 135.4 203.0#

51 42.0 39.3 58.9

86 51.2 50.2 75.2



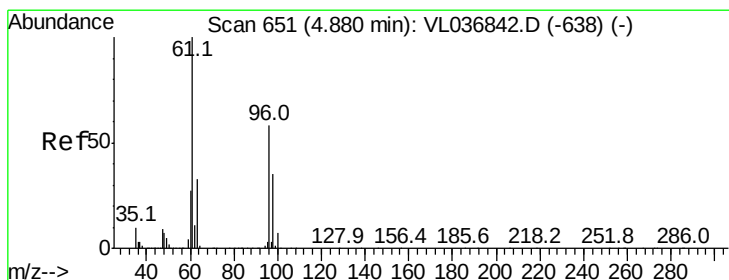
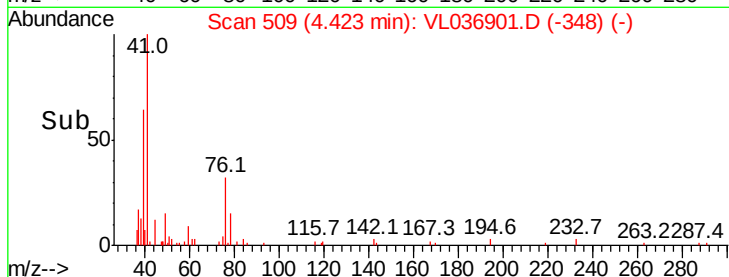
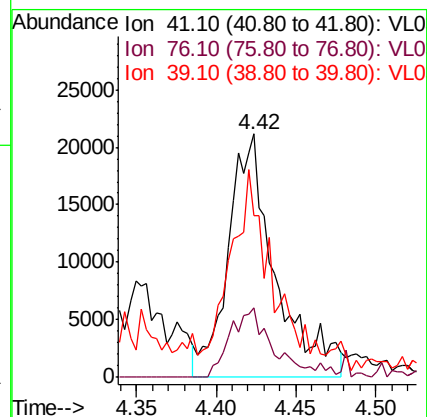
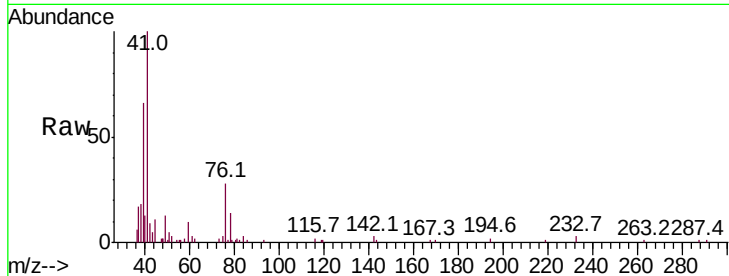


#21
 Allvl Chloride
 Concen: 0.433 ppbv m
 RT: 4.42
 Instrument: MSVOA_1
 Delta R.T.
 Lab File: ClientSampleId :
 LOD-MDL-AIR-01-QT2-2021
 Acq: 6 May 2021 13:30

Tot Ion:
 Ion Ratio
 41 100
 76 0.
 39 0.

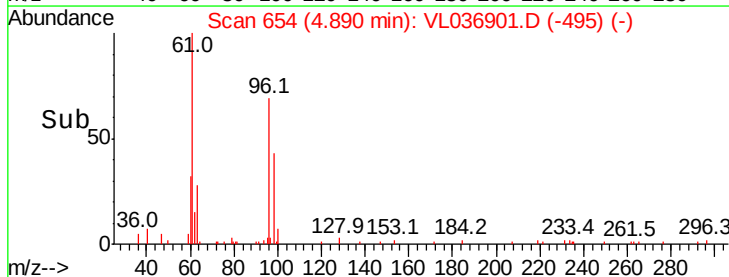
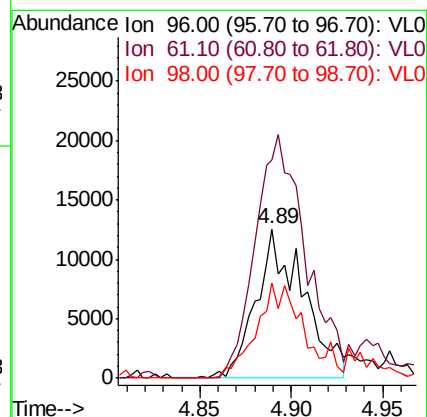
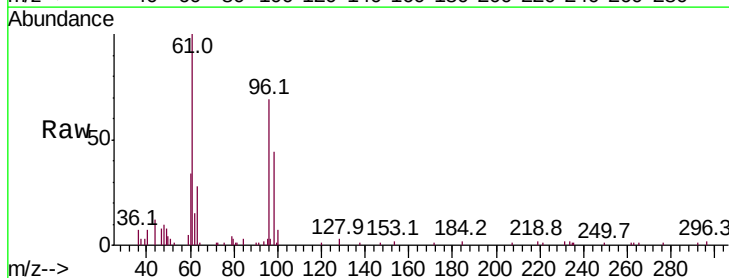
Manual Integrations
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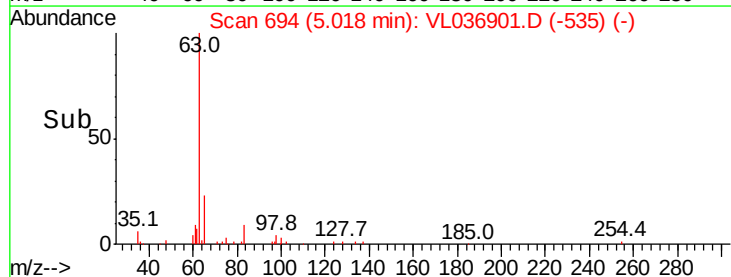
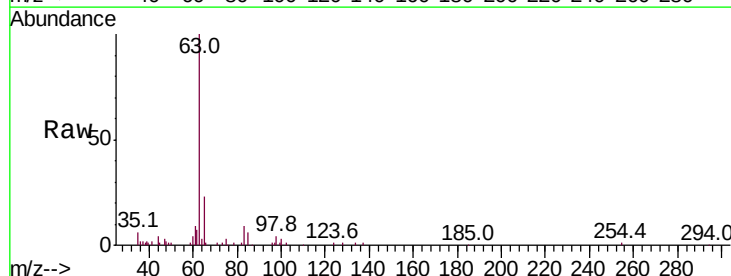
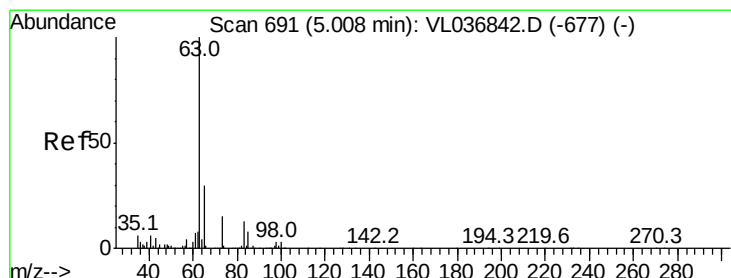
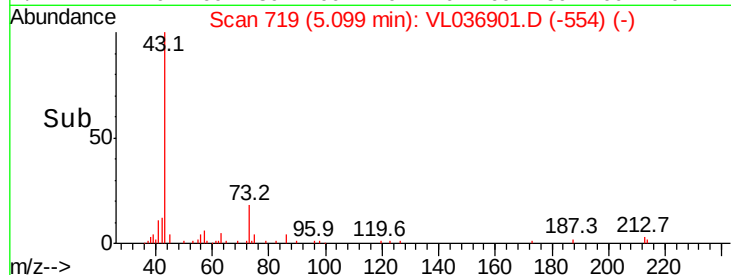
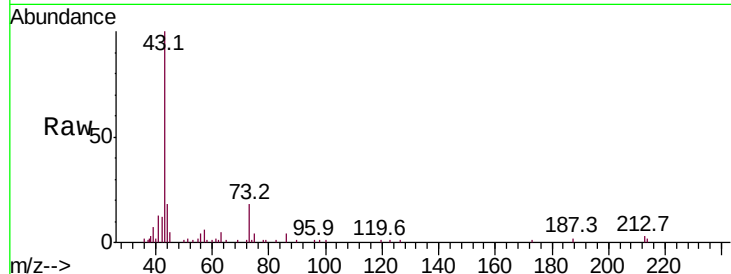
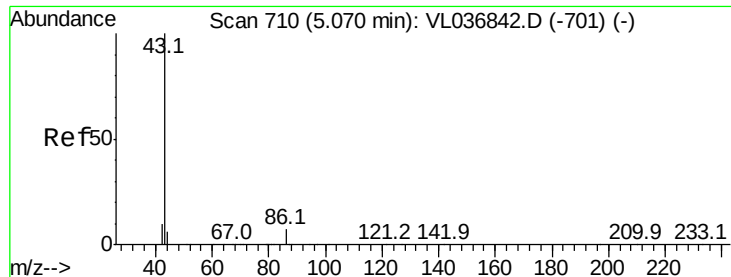
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#22
 trans-1,2-Dichloroethene
 Concen: 0.382 ppbv m
 RT: 4.89 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VL036901.D
 Acq: 6 May 2021 13:36

Tgt Ion: 96 Resp: 22399
 Ion Ratio Lower Upper
 96 100
 61 145.6 138.6 207.8
 98 63.5 48.1 72.1





#23

Vinyl Acetate

Concen: 0.357 ppbv m

RT: 5.10

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 13:30

Tot Ion: Manual Integrations

Ion Ratio APPROVED

43 100

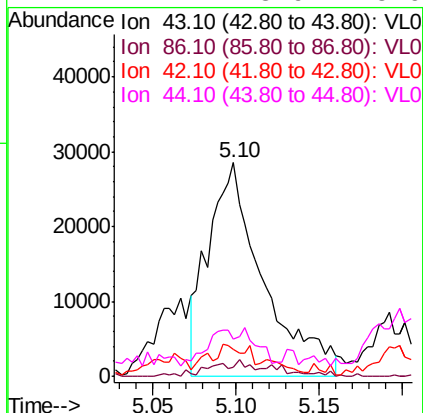
86 4.1

42 12.1

44 17.7 3.9 5.9#

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#24

1,1-Dichloroethane

Concen: 0.565 ppbv m

RT: 5.02 min Scan# 694

Delta R.T. 0.01 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

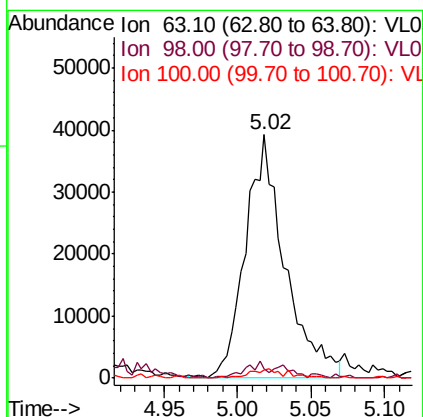
Tgt Ion: 63 Resp: 73537

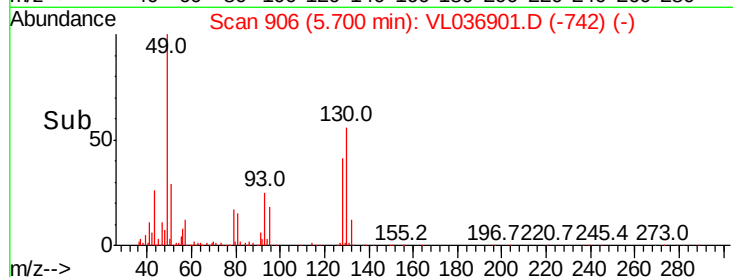
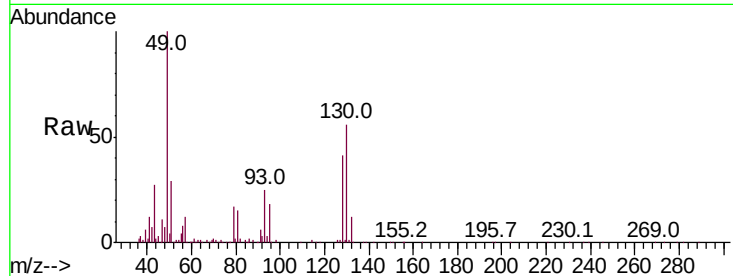
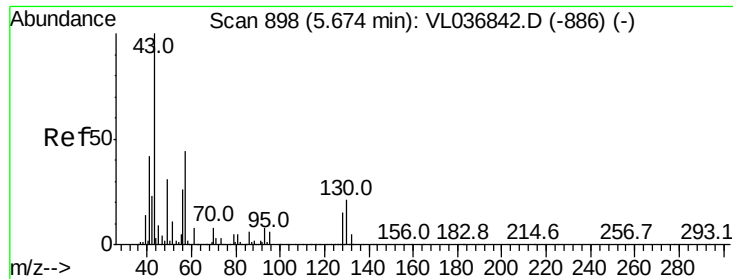
Ion Ratio Lower Upper

63 100

98 4.0 1.7 5.1

100 3.1 1.3 3.8



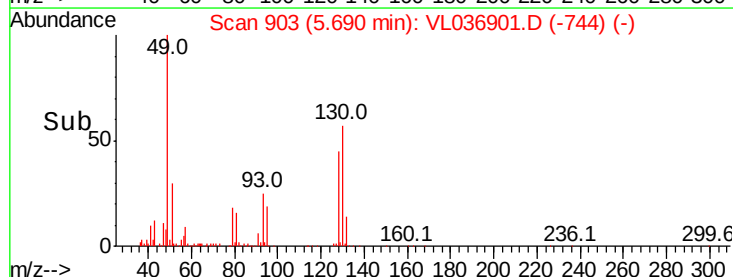
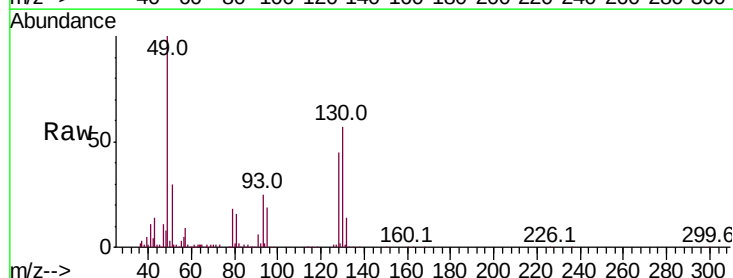
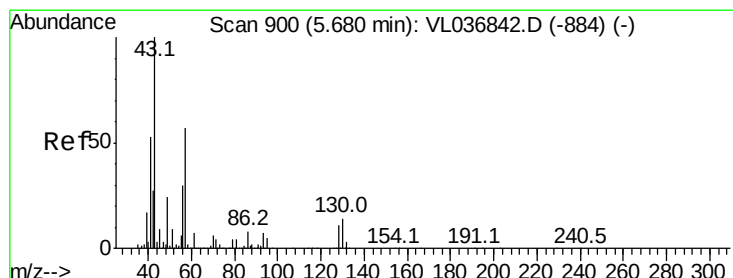
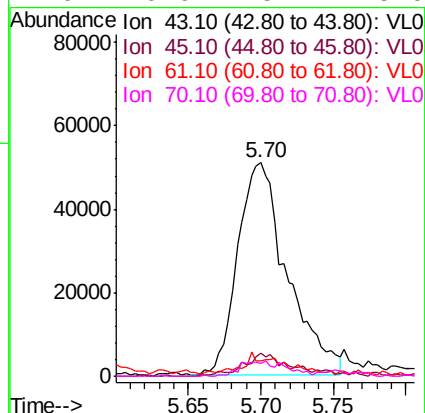


#25
Ethyl Acetate
Concen: 0.365 ppbv
RT: 5.70
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 May 2021 13:30
LOD-MDL-AIR-01-OT2-2021

Tot Ion:
Ion Ratio
43 100
45 11.
61 10.
70 6.6 5.4 8.0

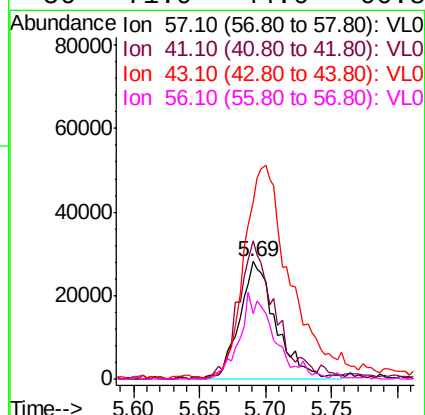
Manual Integrations
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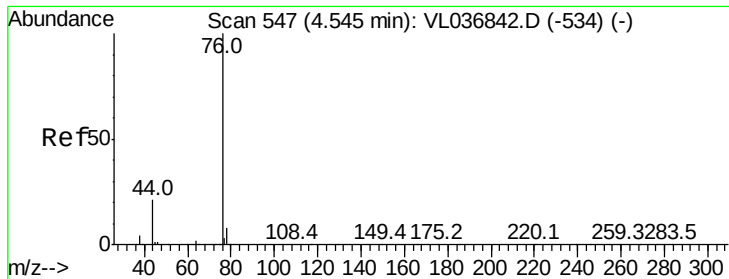
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#26
Hexane
Concen: 0.350 ppbv m
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL036901.D
Acq: 6 May 2021 13:36

Tgt Ion: 57 Resp: 53931
Ion Ratio Lower Upper
57 100
41 125.4 77.7 116.5#
43 245.0 180.5 270.7
56 71.9 44.6 66.8#





#27

Carbon Disulfide

Concen: 0.366 ppbv

RT: 4.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 13:30

Tot Ion:

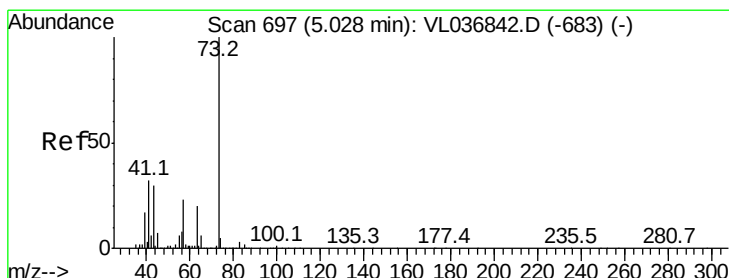
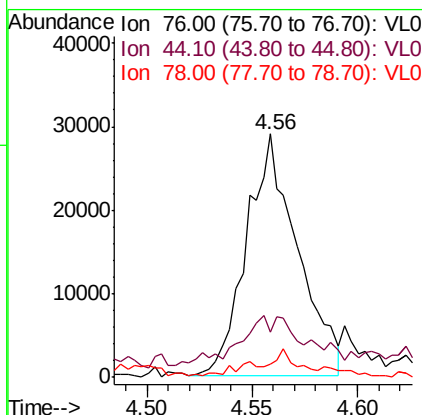
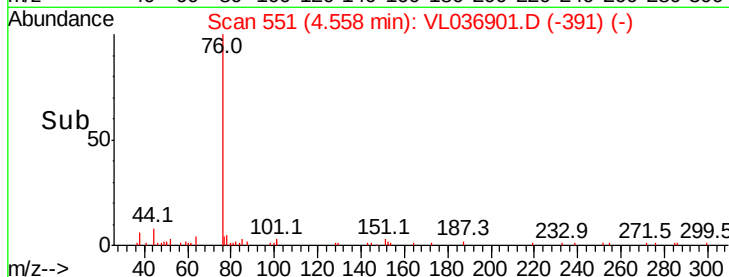
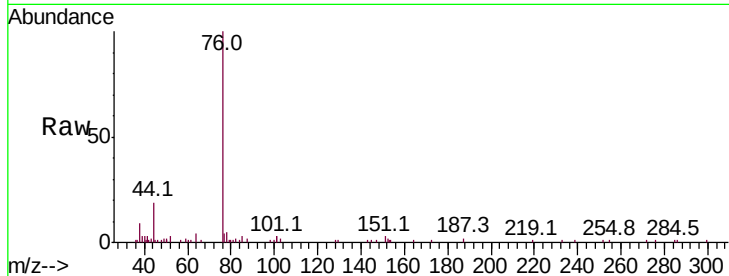
Ion	Ratio
76	100
44	30.
78	11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#28

Methyl tert-Butyl Ether

Concen: 0.434 ppbv m

RT: 5.06 min Scan# 708

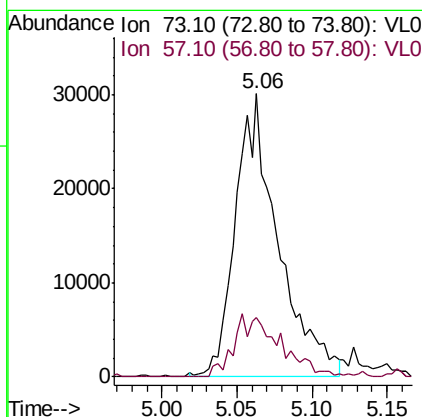
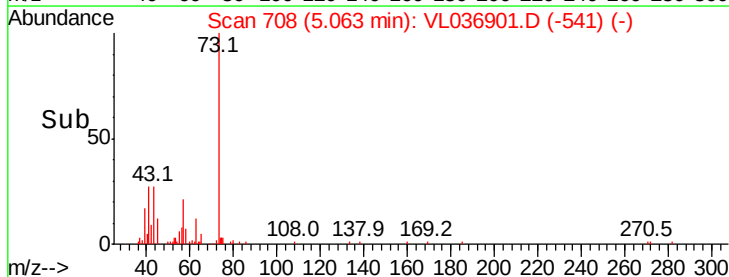
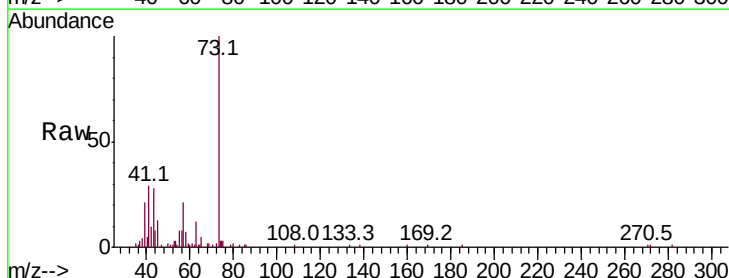
Delta R.T. 0.04 min

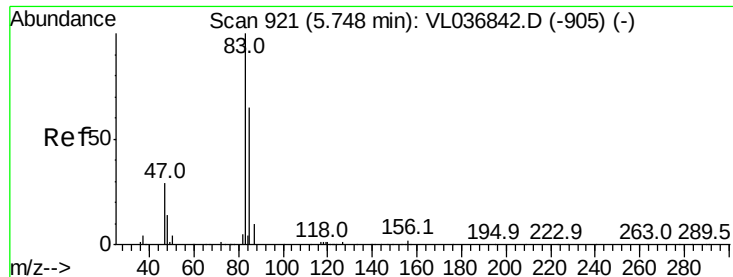
Lab File: VL036901.D

Acq: 6 May 2021 13:36

Tgt Ion: 73 Resp: 59310

Ion	Ratio	Lower	Upper
73	100		
57	24.3	19.0	28.6



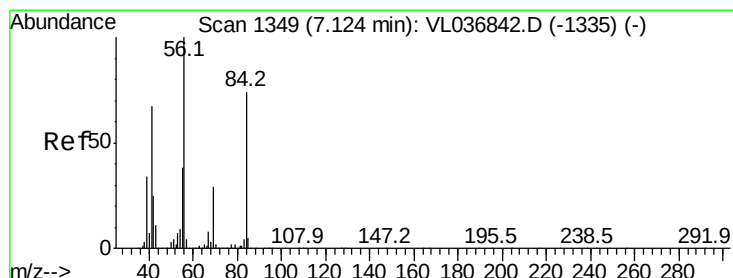
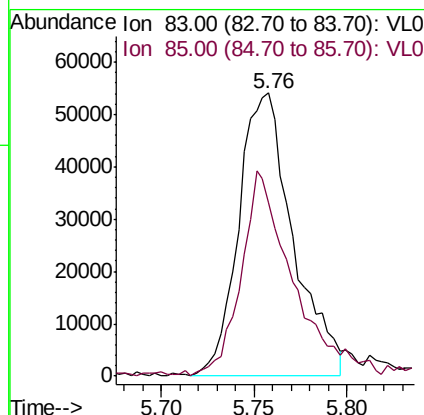
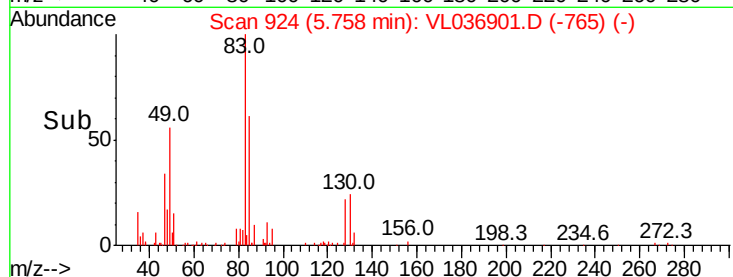
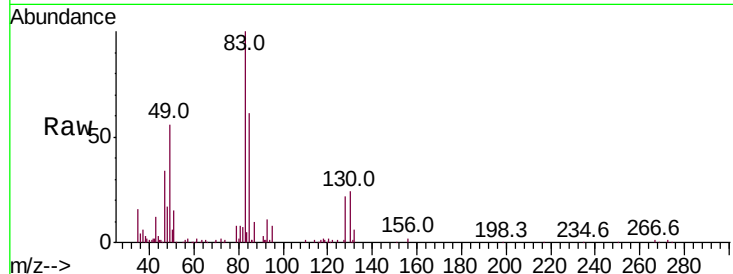


#29
Chloroform
Concen: 0.459 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 May 2021 13:30

Tot Ion:
Ion Ratio
83 100
85 61.

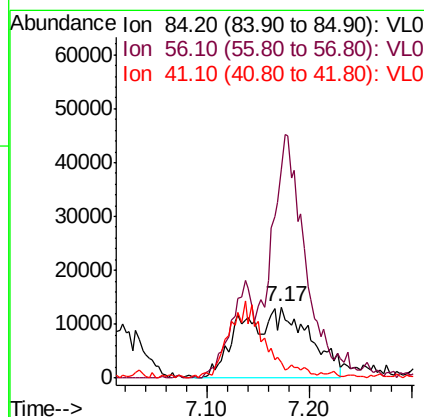
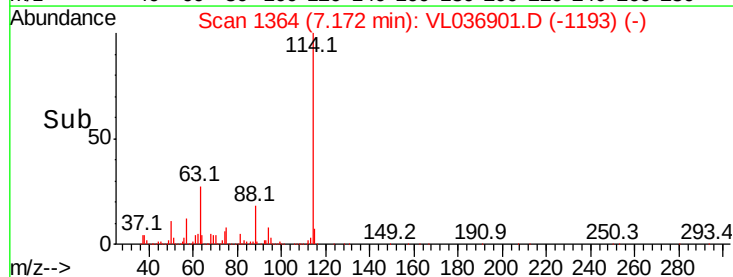
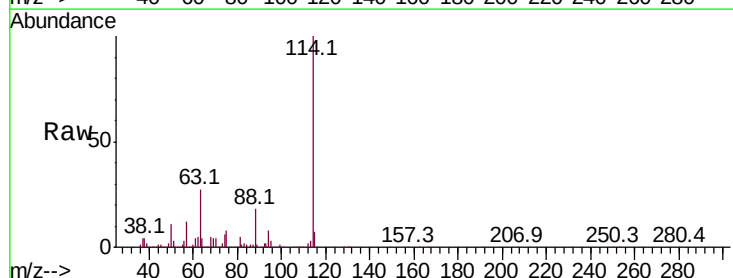
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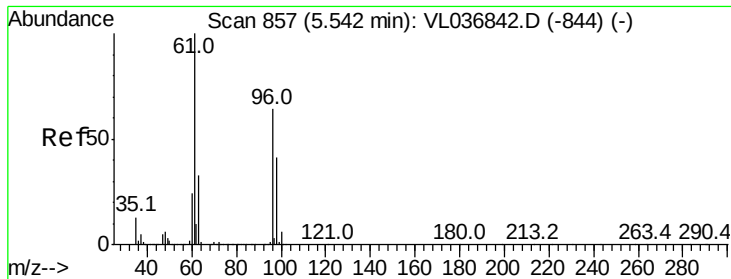
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#30
Cyclohexane
Concen: 0.495 ppbv m
RT: 7.17 min Scan# 1364
Delta R.T. 0.05 min
Lab File: VL036901.D
Acq: 6 May 2021 13:36

Tgt Ion: 84 Resp: 60440
Ion Ratio Lower Upper
84 100
56 0.0 115.8 173.6#
41 60.6 74.6 111.8#





#31

cis-1,2-Dichloroethene

Concen: 0.306 ppbv m

RT: 5.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LOD-MDL-AIR-01-QT2-2021

Acq: 6 May 2021 13:30

Tot Ion: 61.10 (60.80 to 61.80): VL0

Ion Ratio

61 100

96 65.

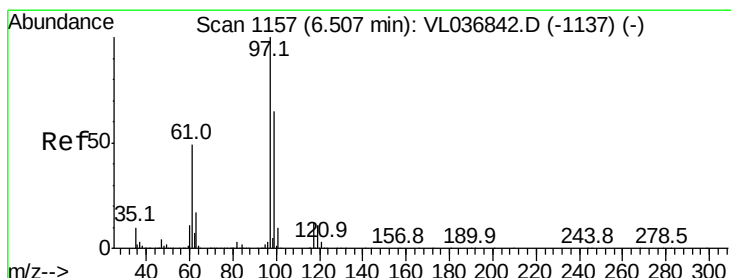
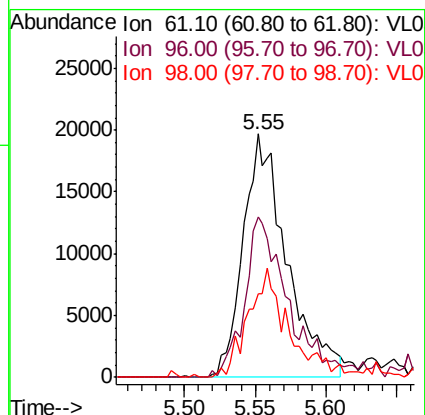
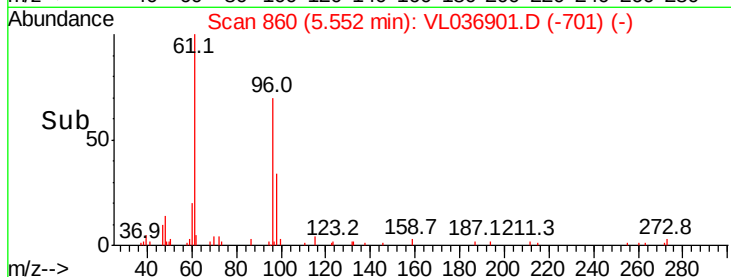
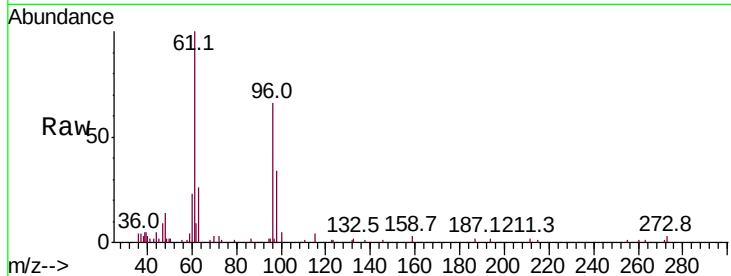
98 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#32

1,1,1-Trichloroethane

Concen: 0.437 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. 0.01 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

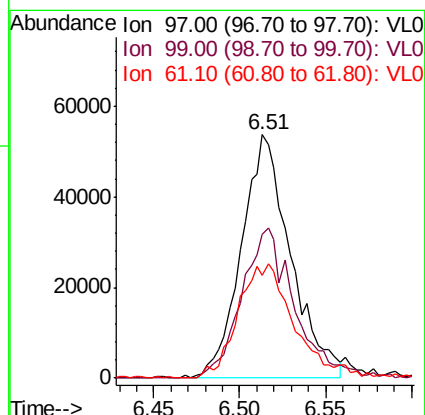
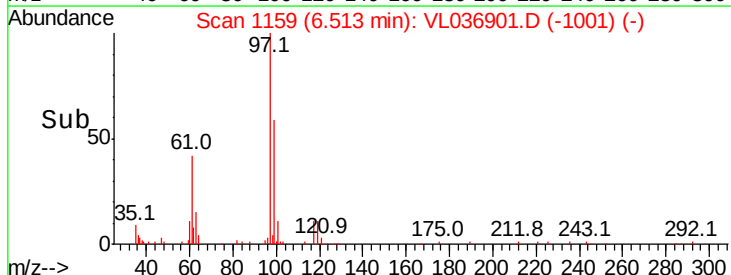
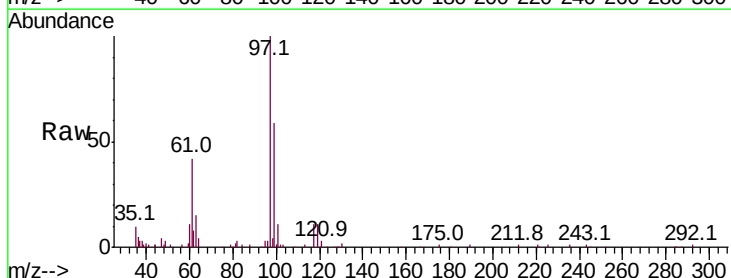
Tgt Ion: 97 Resp: 106670

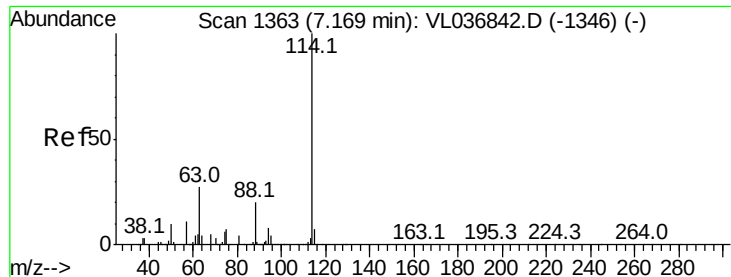
Ion Ratio Lower Upper

97 100

99 66.3 51.8 77.6

61 55.1 40.8 61.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 6 May 2021 13:30 LOD-MDL-AIR-01-QT2-2021

Tot Ion:1

Ion Rati

114 100

63 27.

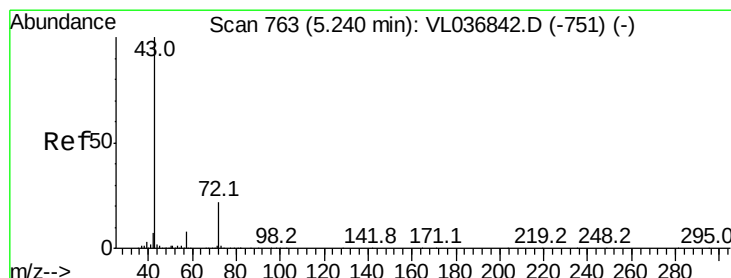
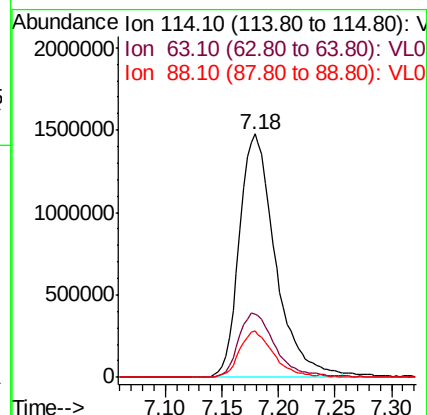
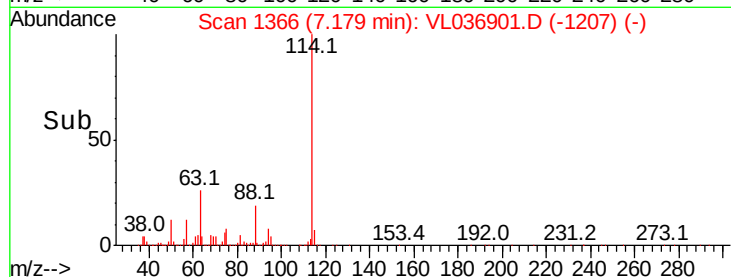
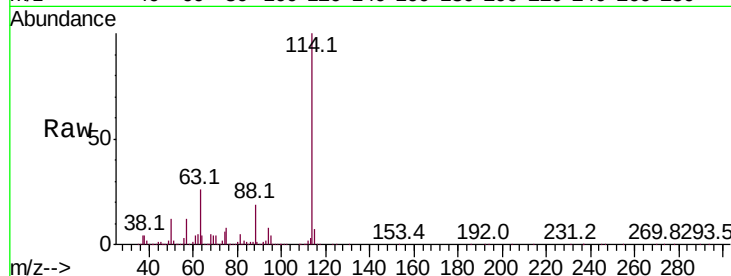
88 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#34

2-Butanone

Concen: 0.408 ppbv m

RT: 5.28 min Scan# 774

Delta R.T. 0.04 min

Lab File: VL036901.D

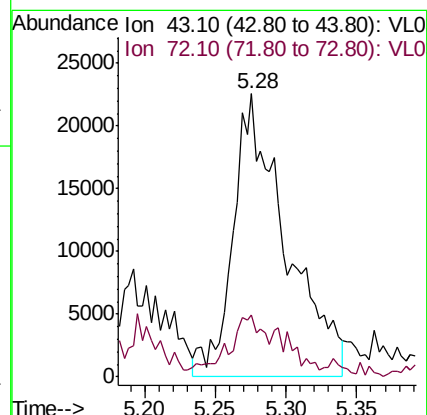
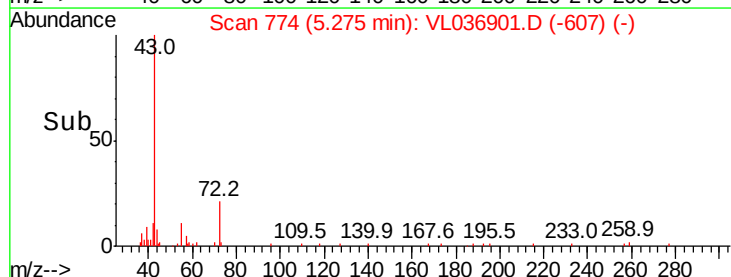
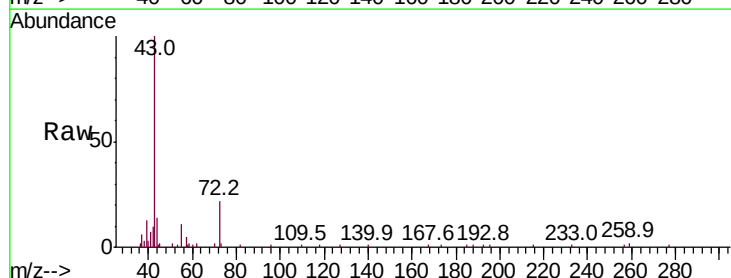
Acq: 6 May 2021 13:36

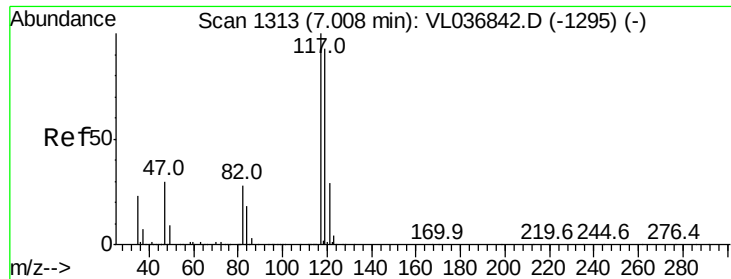
Tgt Ion: 43 Resp: 58498

Ion Ratio Lower Upper

43 100

72 22.7 17.6 26.4





#35

Carbon Tetrachloride

Concen: 0.505 ppbv

RT: 7.02

Delta R.T. MSVOA_L

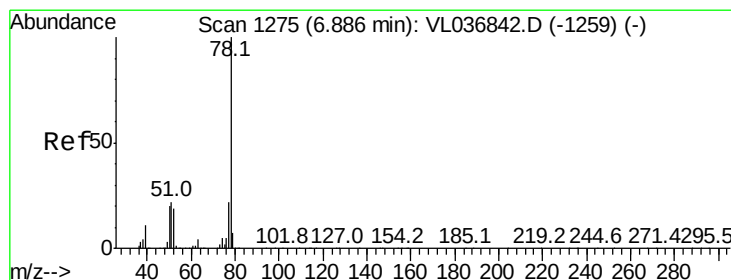
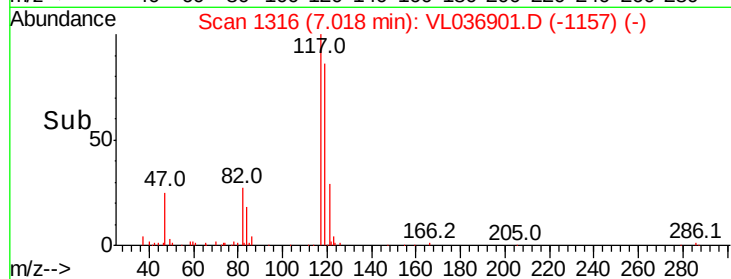
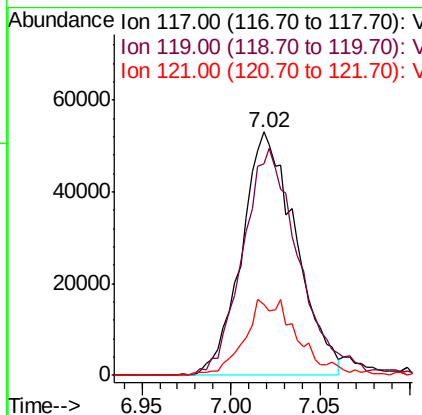
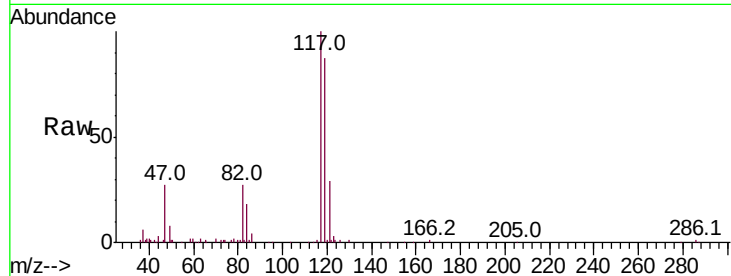
Lab File: ClientSampleId:

Acq: 6 May 2021 13:30 LOD-MDL-AIR-01-OT2-2021

Tot Ion:1
Ion Rati
117 100
119 86.
121 29.

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Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#36

Benzene

Concen: 0.313 ppbv m

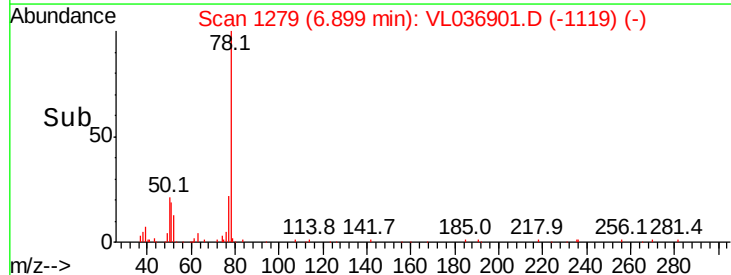
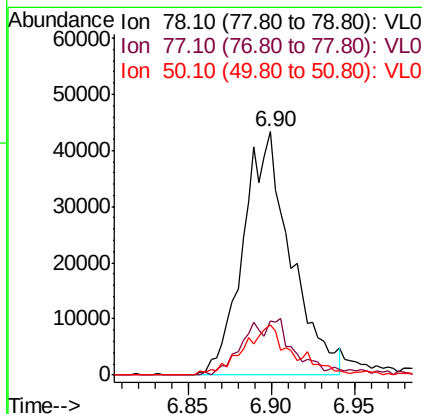
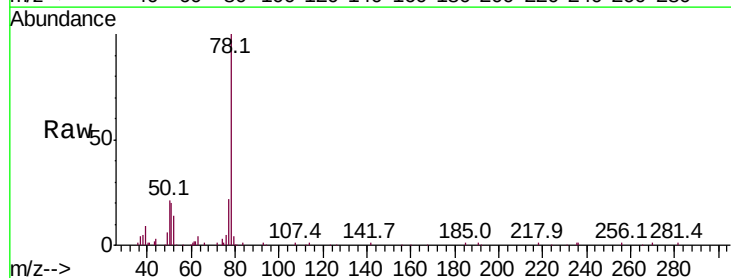
RT: 6.90 min Scan# 1279

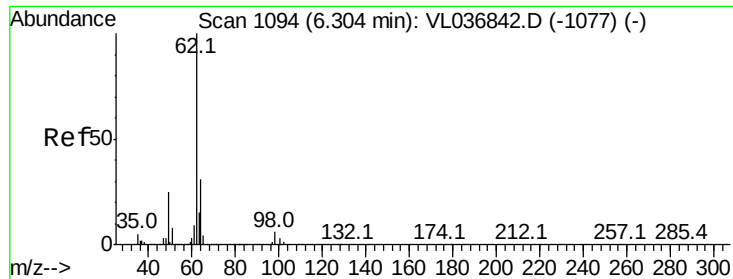
Delta R.T. 0.01 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

Tgt Ion: 78 Resp: 86284
Ion Ratio Lower Upper
78 100
77 22.4 17.6 26.4
50 20.5 16.3 24.5





#37

1,2-Dichloroethane

Concen: 0.414 ppbv m

RT: 6.31 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LOD-MDL-AIR-01-QT2-2021

Acq: 6 May 2021 13:30

Tot Ion:

Ion Ratio

62 100

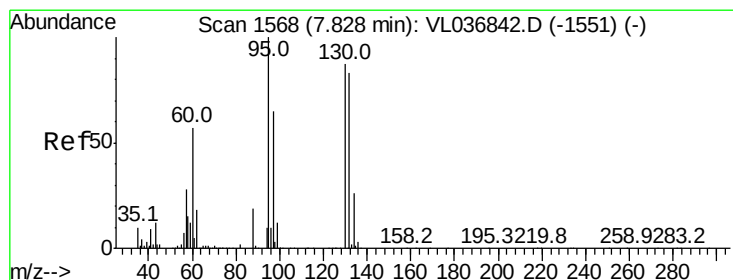
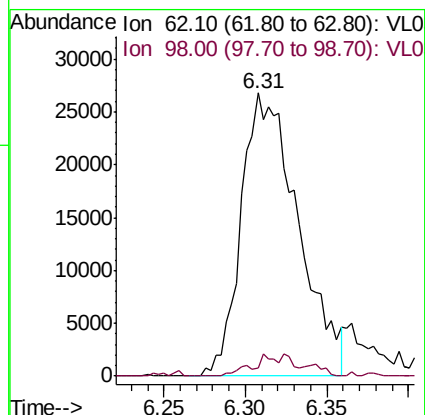
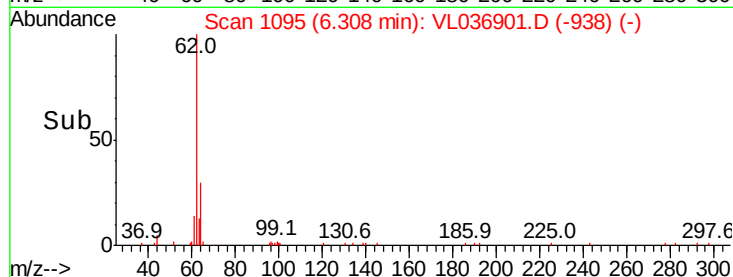
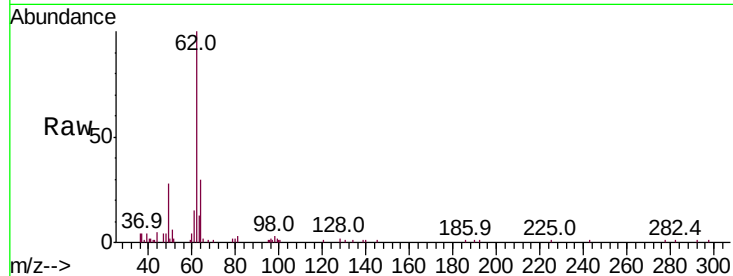
98 6.

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#38

Trichloroethene

Concen: 0.390 ppbv m

RT: 7.84 min Scan# 1573

Delta R.T. 0.02 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

Tgt Ion:130 Resp: 38282

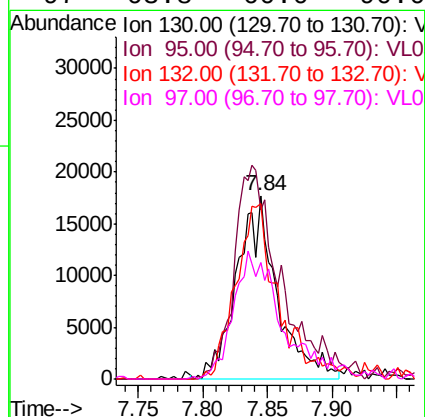
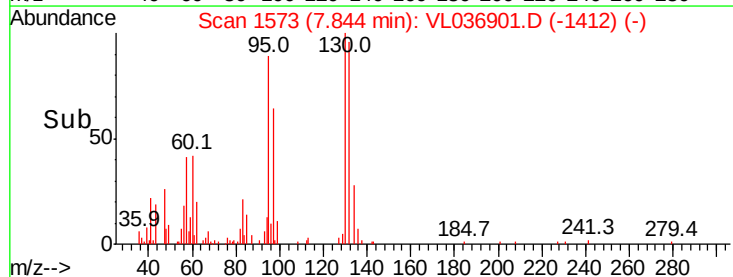
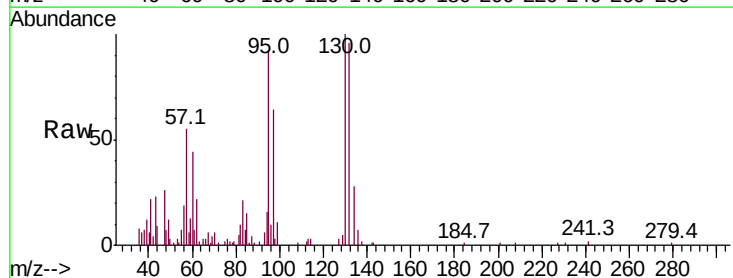
Ion Ratio Lower Upper

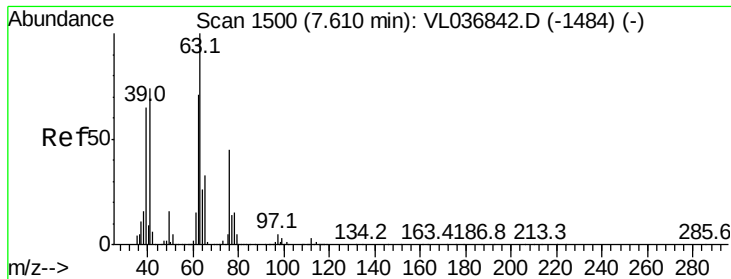
130 100

95 92.1 92.3 138.5#

132 95.5 76.8 115.2

97 63.8 60.0 90.0





#39

1,2-Dichloropropane

Concen: 0.459 ppbv m

RT: 7.62 Instrument:

Delta R.T. MSVOA_1

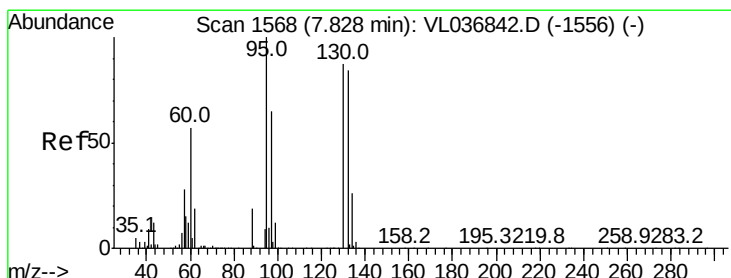
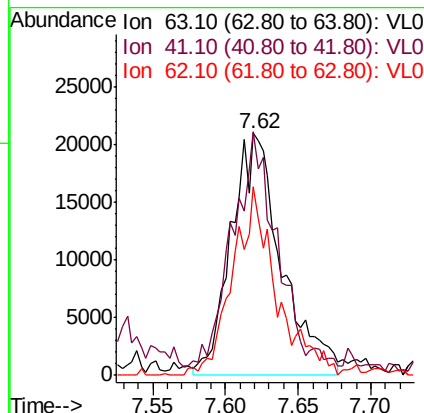
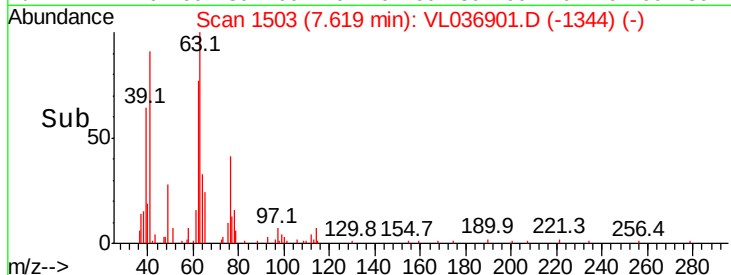
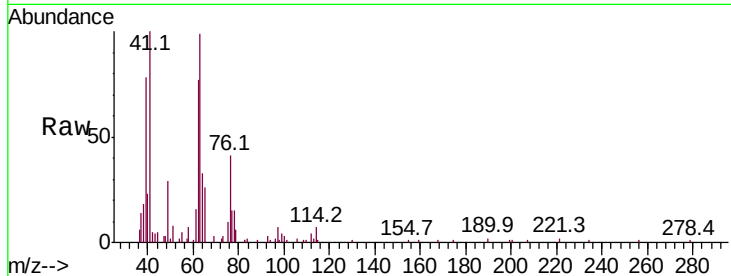
Lab File: ClientSampleId:

Acq: 6 May 2021 13:30 LOD-MDL-AIR-01-QT2-2021

Tot Ion:
Ion Rati
63 100
41 100.
62 77.

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Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#40

1,4-Dioxane

Concen: 0.451 ppbv m

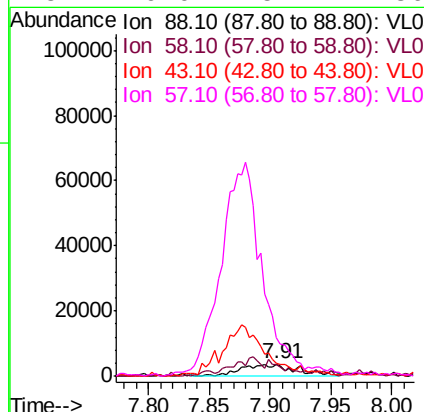
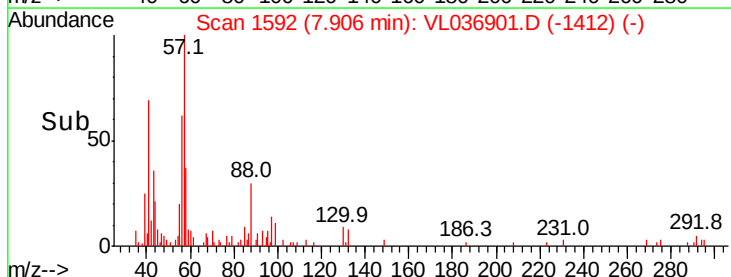
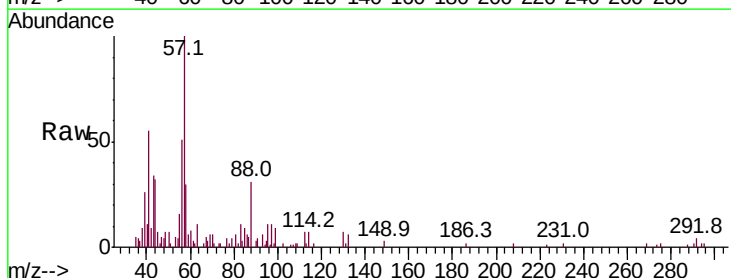
RT: 7.91 min Scan# 1592

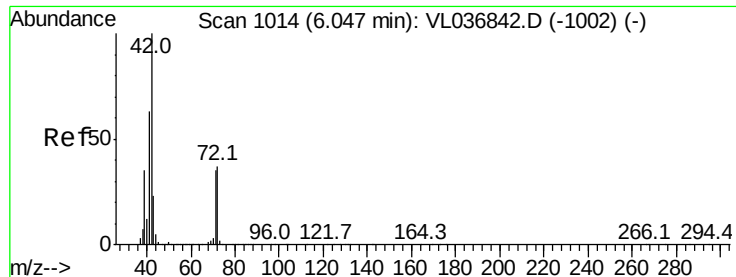
Delta R.T. 0.08 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

Tgt Ion: 88 Resp: 12044
Ion Ratio Lower Upper
88 100
58 0.0 132.6 198.8#
43 0.0 331.5 497.3#
57 0.0 1457.4 2186.0#





#41

Tetrahydrofuran

Concen: 0.236 ppbv m

RT: 6.09 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: LOD-MDL-AIR-01-QT2-2021

Acq: 6 May 2021 13:30

Tot Ion:

Ion Ratio

42 100

72 0.

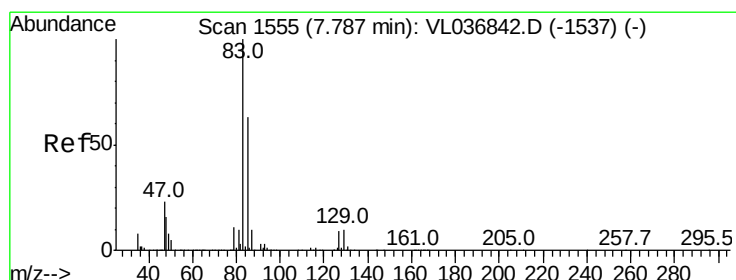
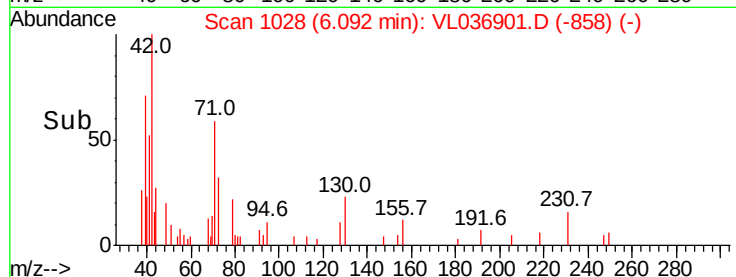
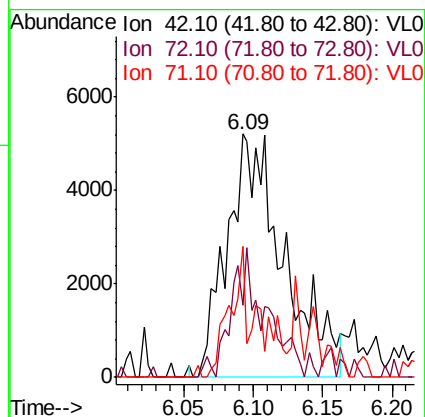
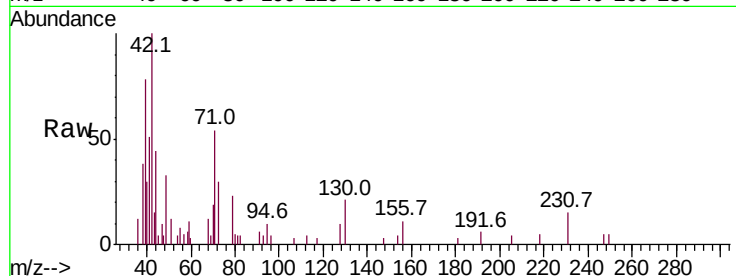
71 0.

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#42

Bromodichloromethane

Concen: 0.462 ppbv m

RT: 7.79 min Scan# 1557

Delta R.T. 0.01 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

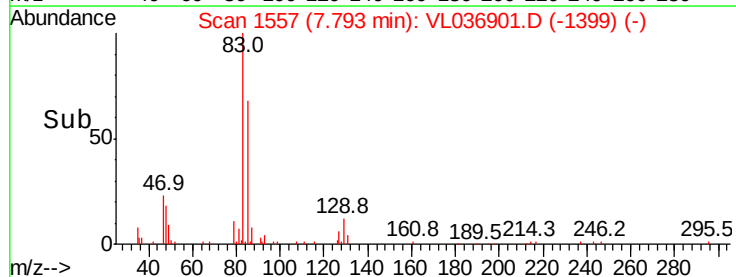
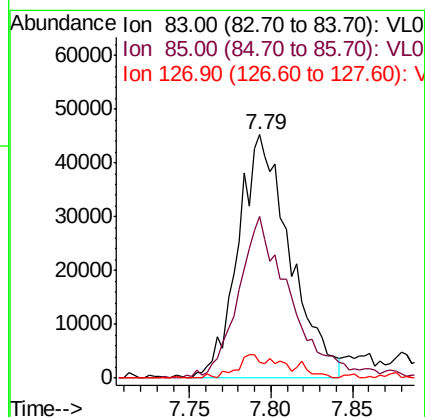
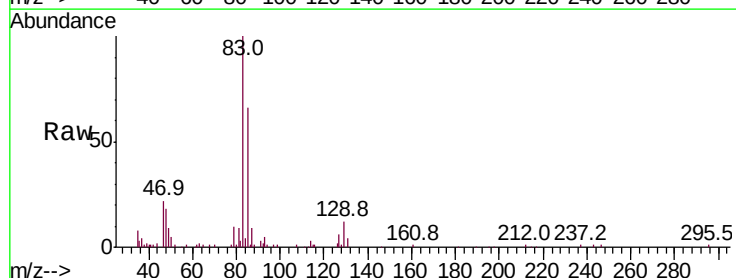
Tgt Ion: 83 Resp: 100226

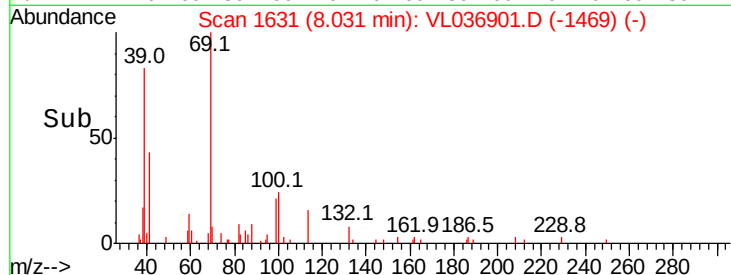
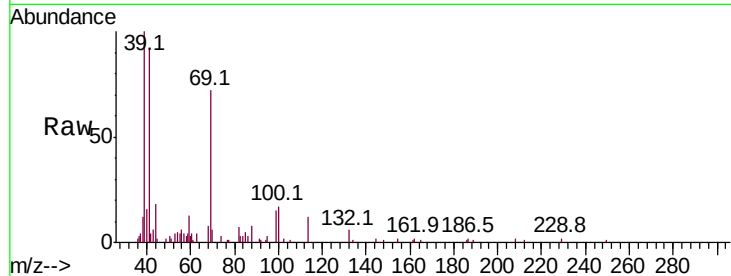
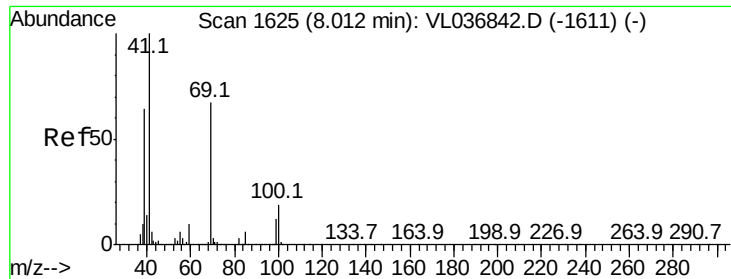
Ion Ratio Lower Upper

83 100

85 66.3 50.4 75.6

127 6.3 6.9 10.3#





#43

Methyl Methacrylate

Concen: 0.233 ppbv m

RT: 8.03

Instrument: MSVOA_1

Delta R.T.

ClientSampleId:

Lab File: LOD-MDL-AIR-01-QT2-2021

Acq: 6 May 2021 13:30

Tot Ion:

Ion Ratio

69 100

41 0.

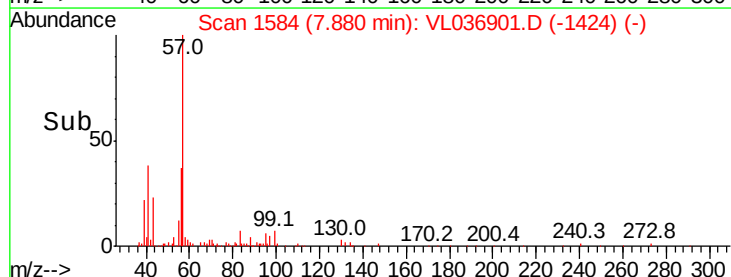
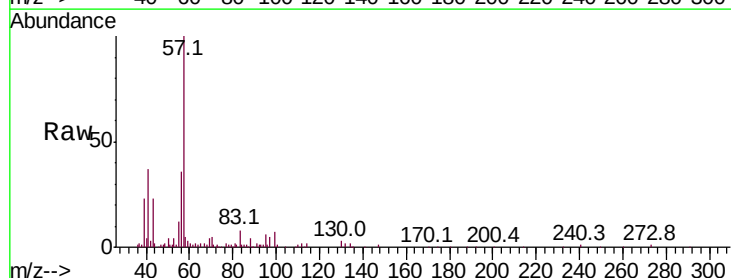
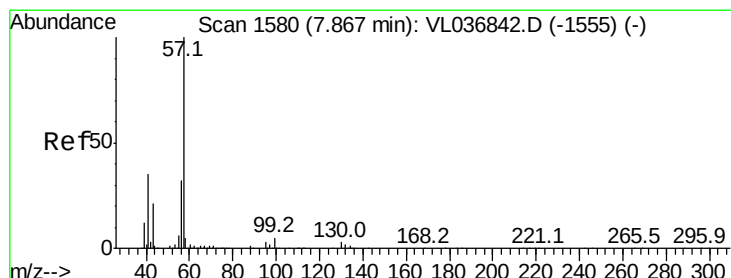
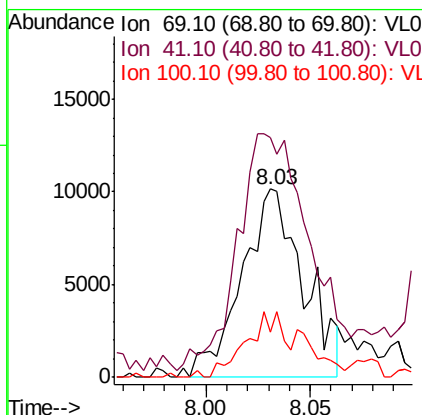
100 0.

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#44

2,2,4-Trimethylpentane

Concen: 0.315 ppbv

RT: 7.88 min Scan# 1584

Delta R.T. 0.01 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

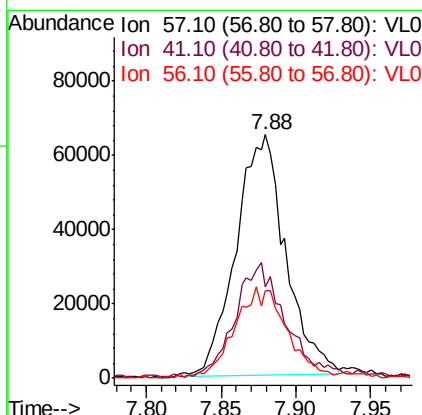
Tgt Ion: 57 Resp: 149105

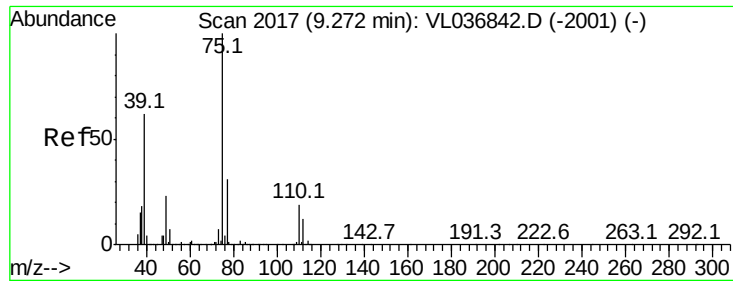
Ion Ratio Lower Upper

57 100

41 49.6 28.2 42.4#

56 41.3 25.9 38.9#





#45

t-1,3-Dichloropropene

Concen: 0.246 ppbv m

RT: 9.28 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 6 May 2021 13:30 LOD-MDL-AIR-01-OT2-2021

Tot Ion:

Ion Ratio

75 100

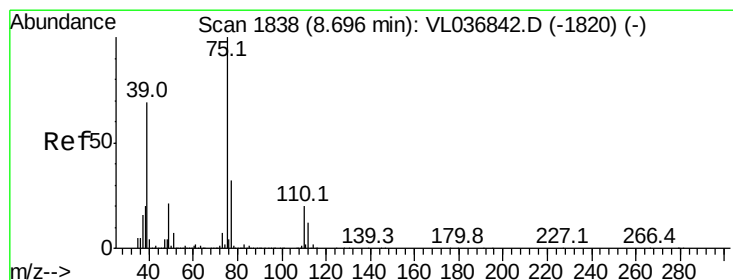
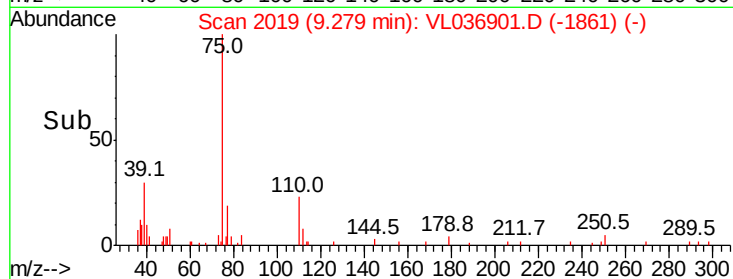
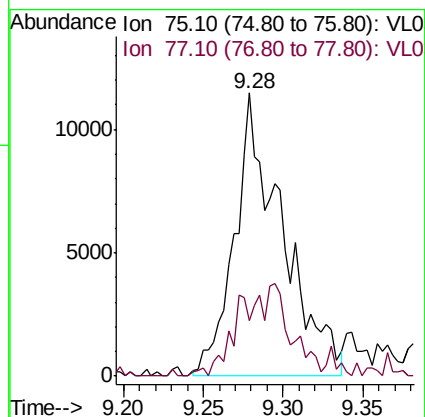
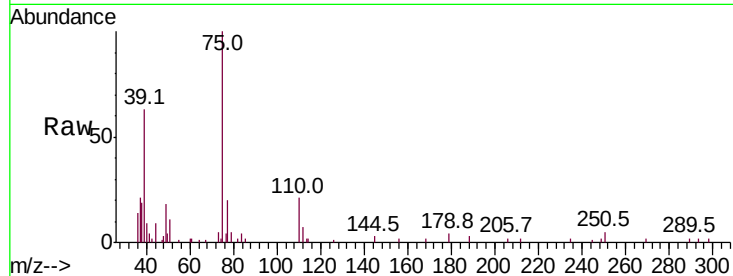
77 19.

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#46

cis-1,3-Dichloropropene

Concen: 0.259 ppbv m

RT: 8.72 min Scan# 1844

Delta R.T. 0.02 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

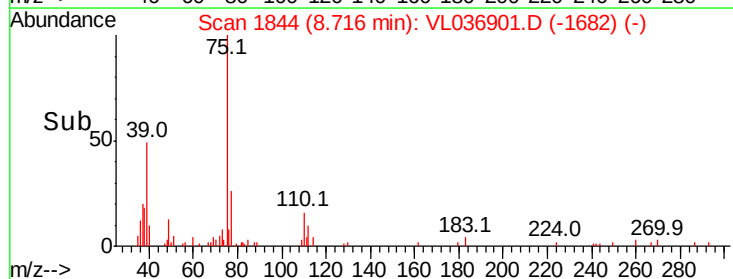
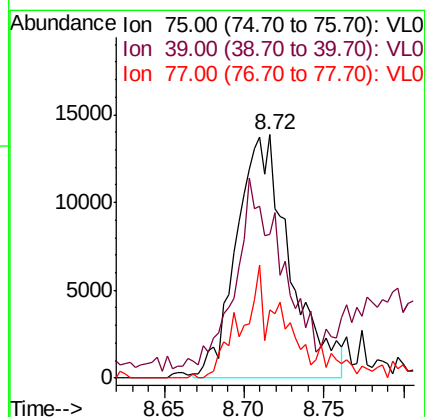
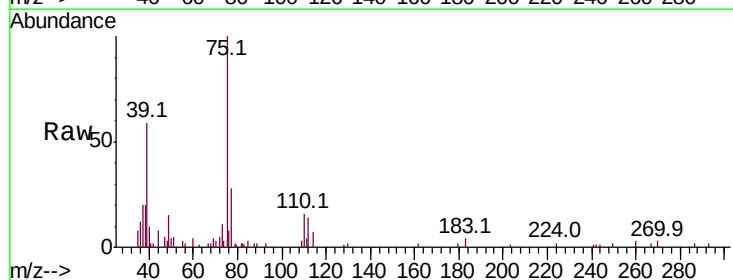
Tgt Ion: 75 Resp: 32246

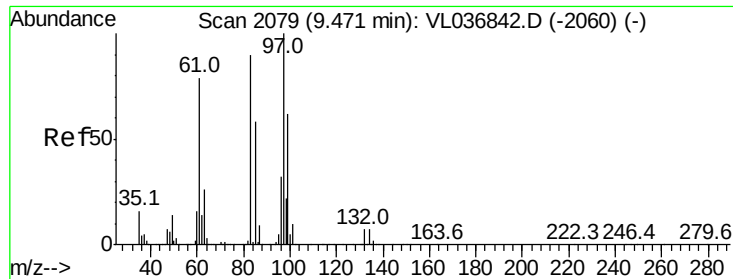
Ion Ratio Lower Upper

75 100

39 58.9 55.4 83.0

77 28.0 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.447 ppbv m

RT: 9.48 Instrument:

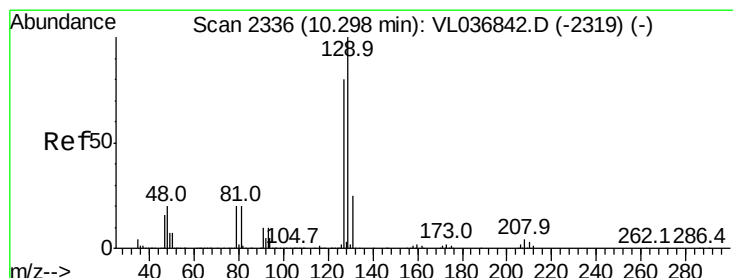
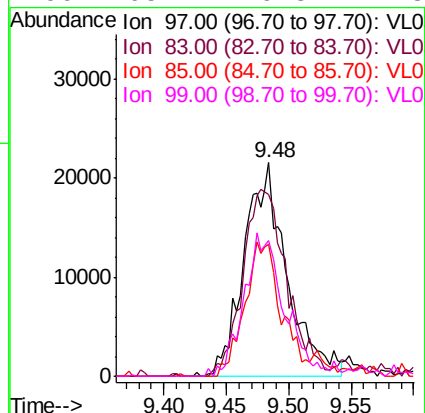
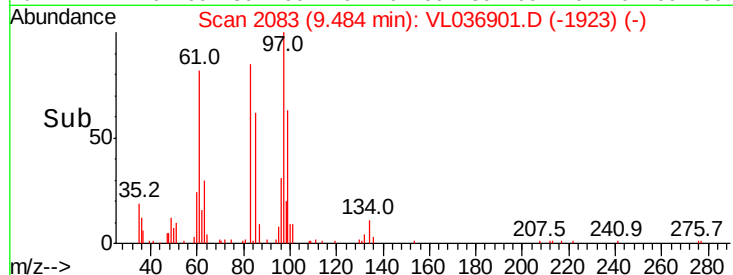
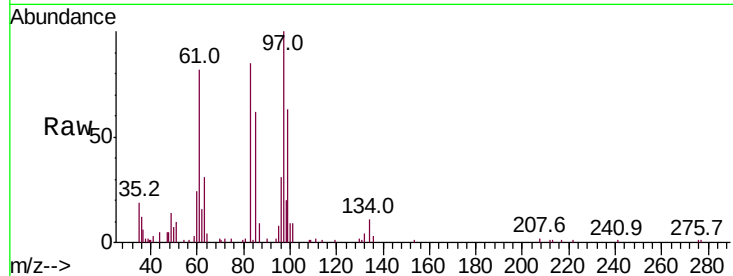
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 13:30 LOD-MDL-AIR-01-QT2-2021

Tot Ion: Manual Integrations
Ion Ratio APPROVED
97 100
83 85.
85 62.
99 63.4 49.8 74.8

Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#48

Dibromochloromethane

Concen: 0.392 ppbv

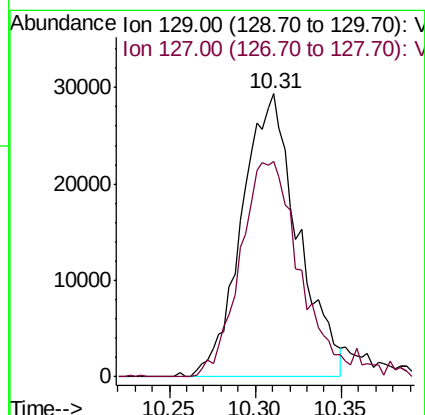
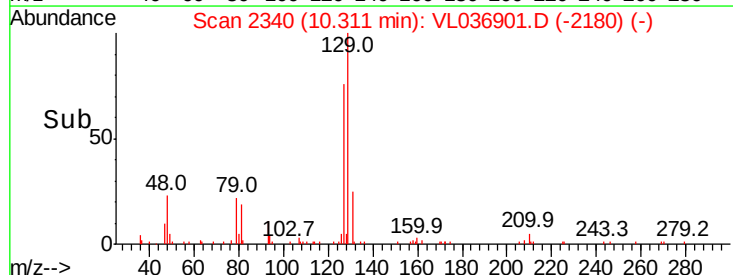
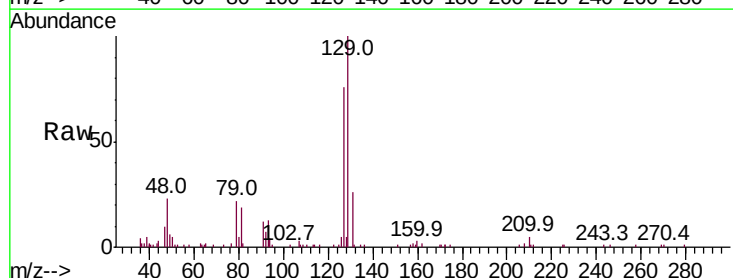
RT: 10.31 min Scan# 2340

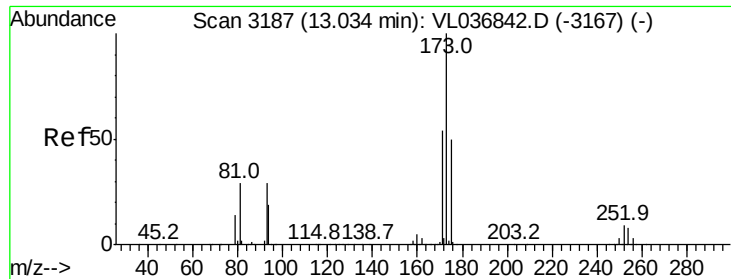
Delta R.T. 0.01 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

Tgt Ion:129 Resp: 66501
Ion Ratio Lower Upper
129 100
127 83.7 40.2 120.5





#49

Bromoform

Concen: 0.397 ppbv m

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 13:30

Tot Ion:1

Ion Rati

173 100

175 52.

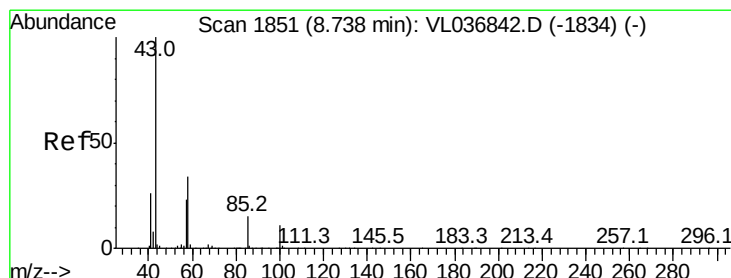
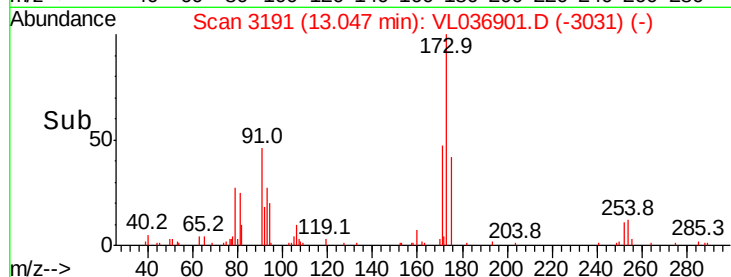
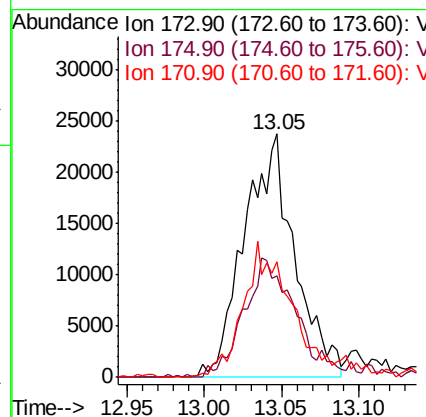
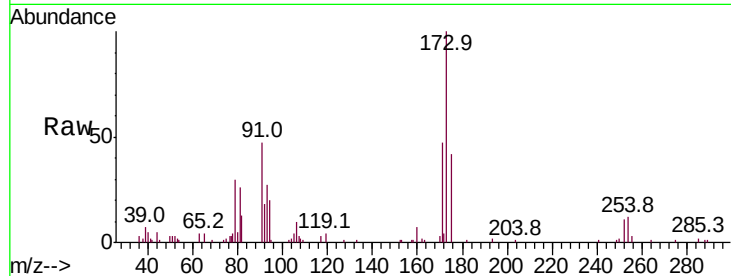
171 58.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#50

4-Methyl-2-Pentanone

Concen: 0.278 ppbv m

RT: 8.78 min Scan# 1865

Delta R.T. 0.05 min

Lab File: VL036901.D

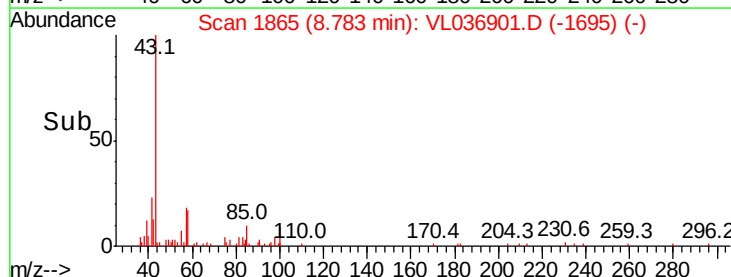
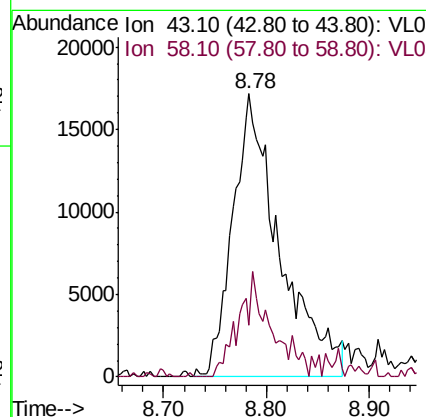
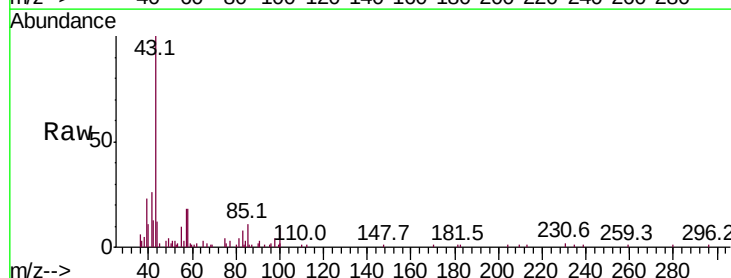
Acq: 6 May 2021 13:36

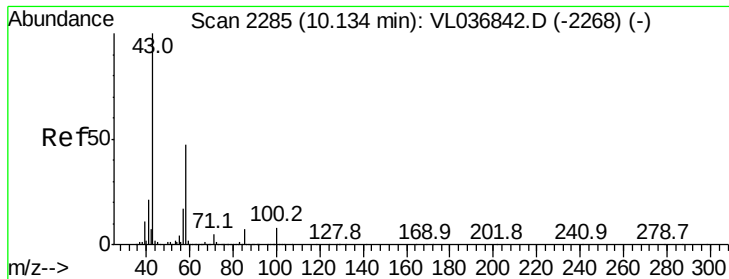
Tgt Ion: 43 Resp: 54470

Ion Ratio Lower Upper

43 100

58 26.3 27.8 41.8#





#51

2-Hexanone

Concen: 0.238 ppbv m

RT: 10.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 13:30

Tot Ion:

Ion Ratio

43 100

58 0.

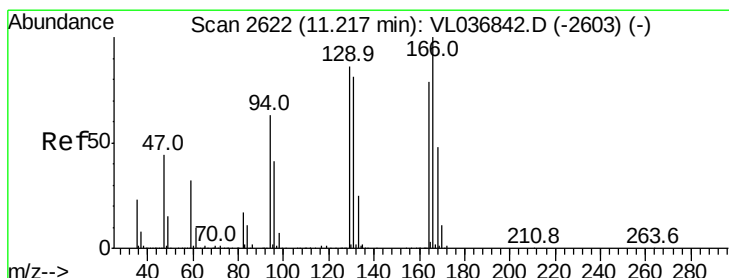
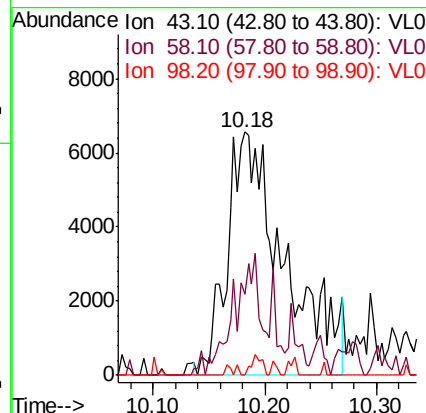
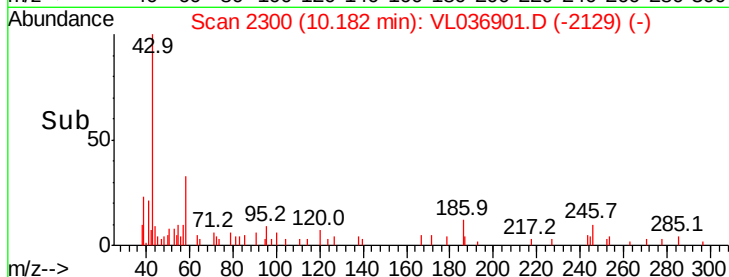
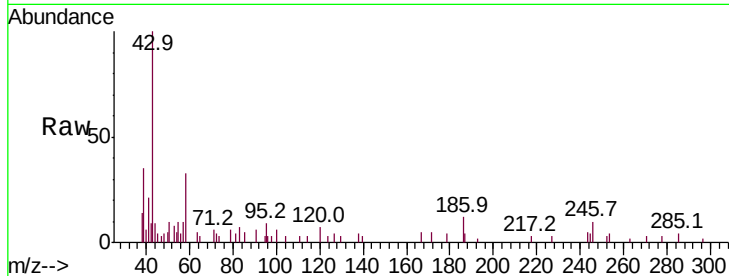
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#52

Tetrachloroethene

Concen: 0.381 ppbv m

RT: 11.22 min Scan# 2624

Delta R.T. 0.01 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

Tgt Ion:164 Resp: 35799

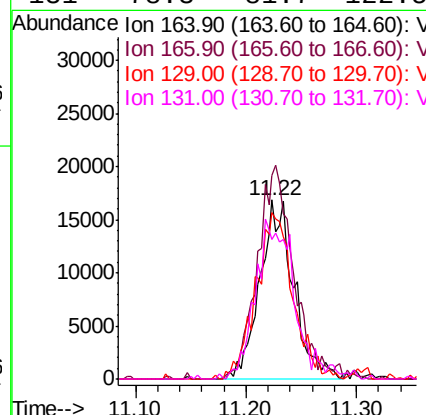
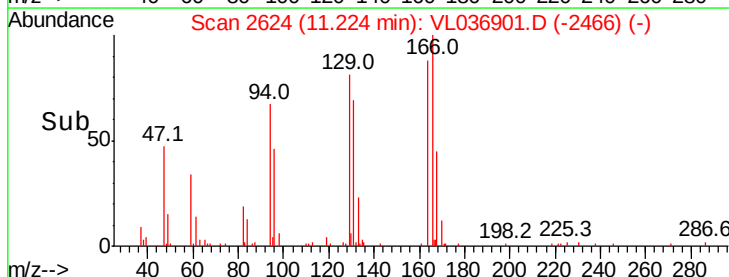
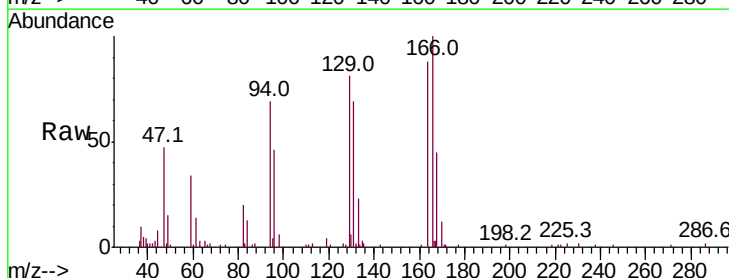
Ion Ratio Lower Upper

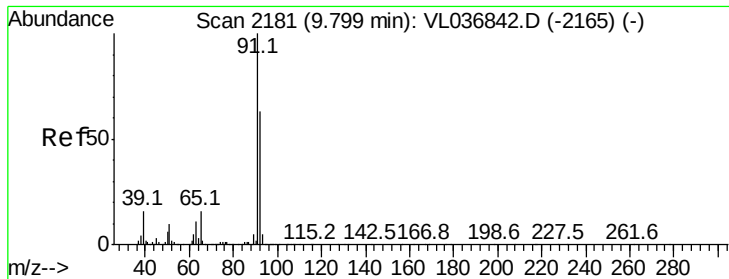
164 100

166 113.9 100.9 151.3

129 92.7 87.0 130.4

131 78.3 81.7 122.5#





#53

Toluene

Concen: 0.239 ppbv m

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 13:30 LOD-MDL-AIR-01-OT2-2021

Tot Ion:

Ion Ratio

91 100

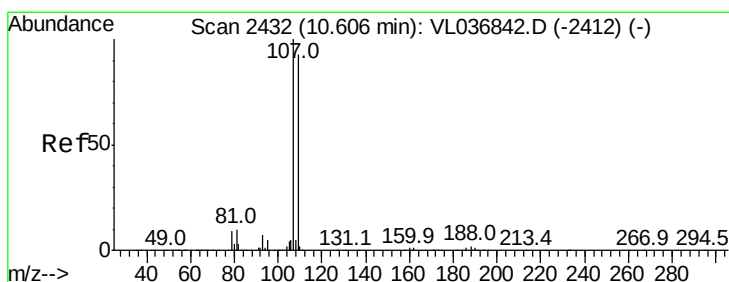
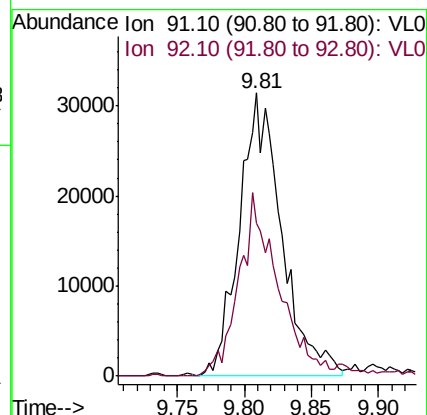
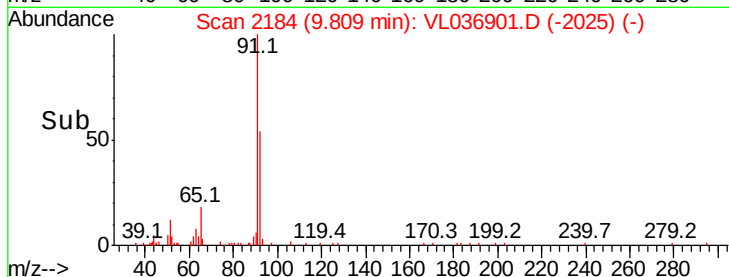
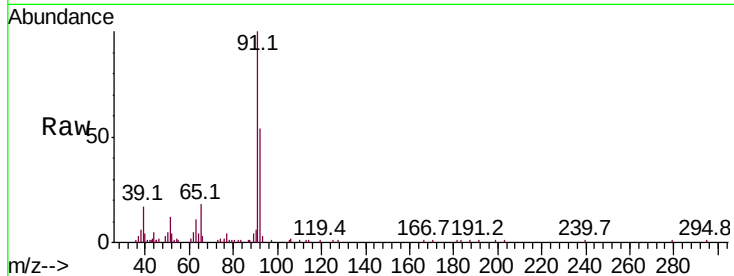
92 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#54

1,2-Dibromoethane

Concen: 0.387 ppbv m

RT: 10.61 min Scan# 2434

Delta R.T. 0.01 min

Lab File: VL036901.D

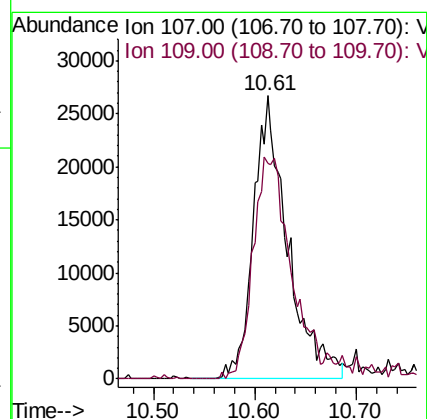
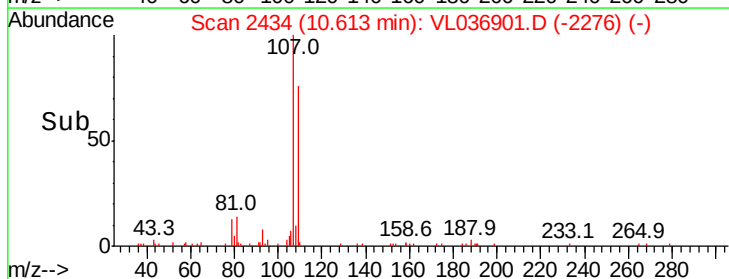
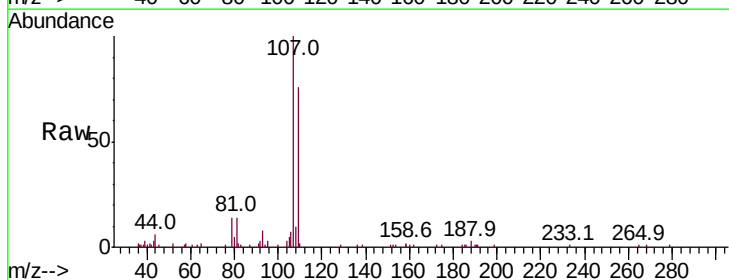
Acq: 6 May 2021 13:36

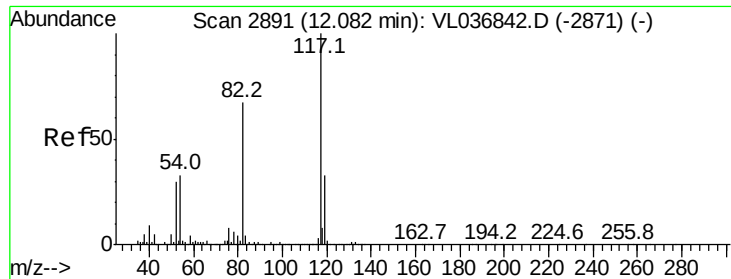
Tgt Ion:107 Resp: 62514

Ion Ratio Lower Upper

107 100

109 76.0 74.7 112.1



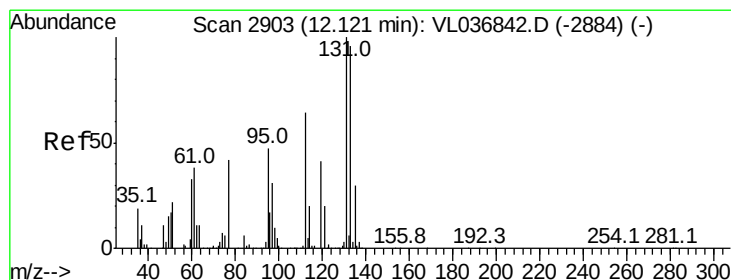
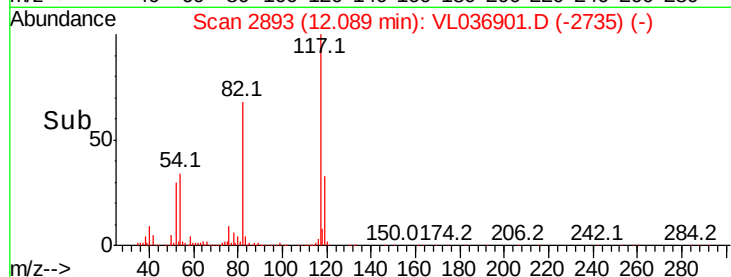
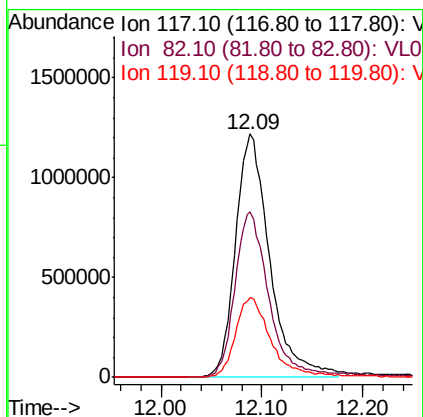
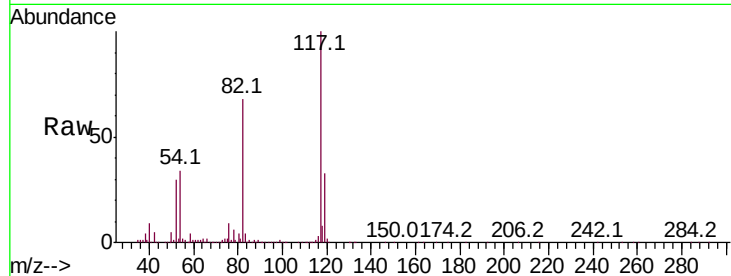


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 May 2021 13:30

Tot Ion:1
Ion Rati
117 100
82 69.
119 34.

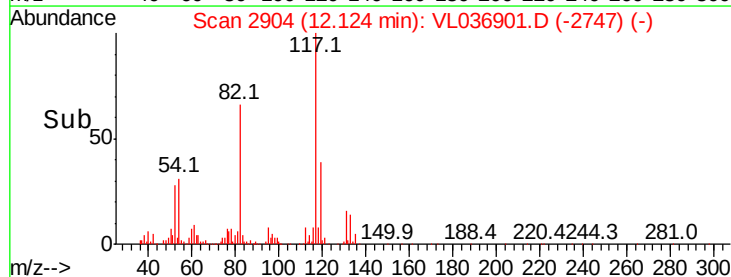
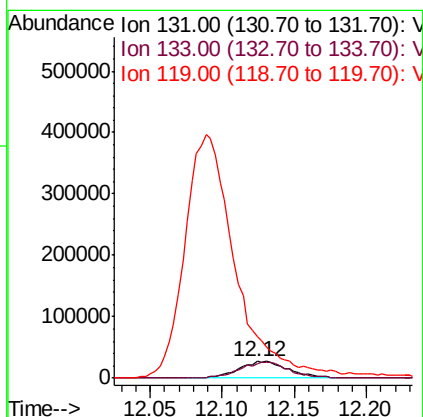
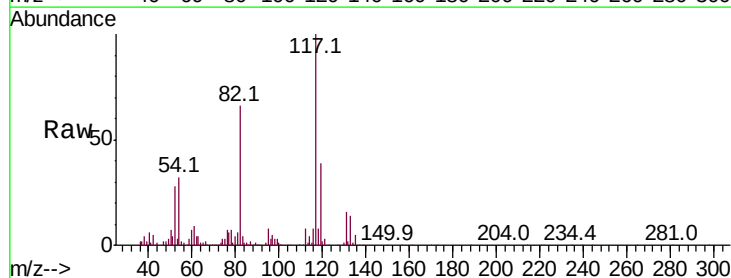
Manual Integrations
APPROVED

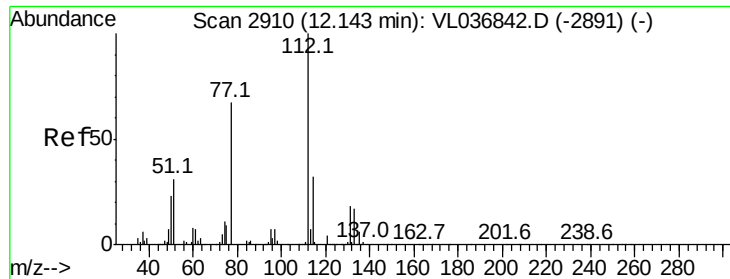
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 0.540 ppbv m
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL036901.D
Acq: 6 May 2021 13:36

Tgt Ion:131 Resp: 65253
Ion Ratio Lower Upper
131 100
133 98.2 76.3 114.5
119 0.0 114.9 172.3#



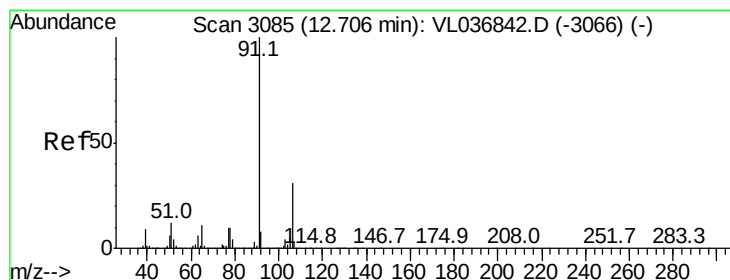
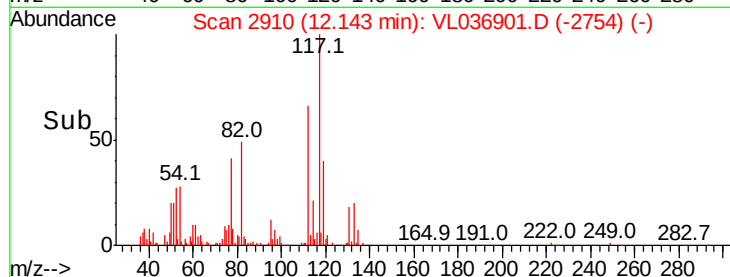
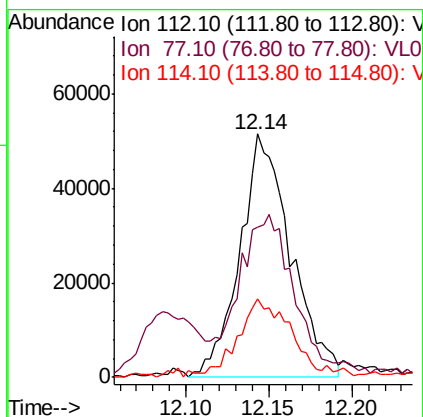
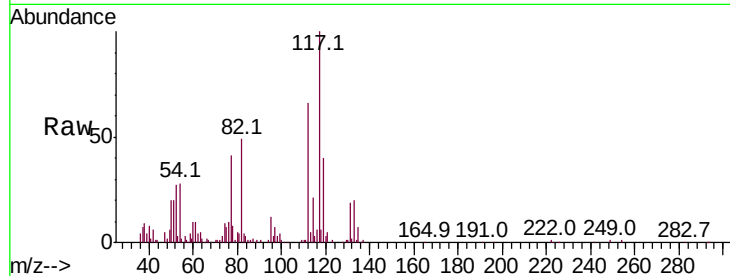


#57
Chlorobenzene
Concen: 0.491 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 May 2021 13:30

Tot Ion: 1
Ion Ratio
112 100
77 55.
114 29.

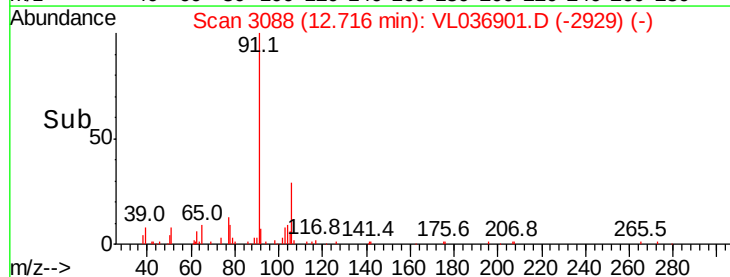
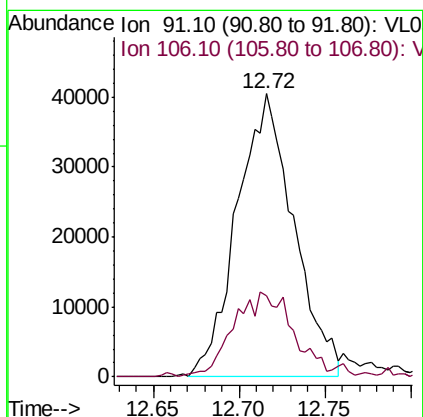
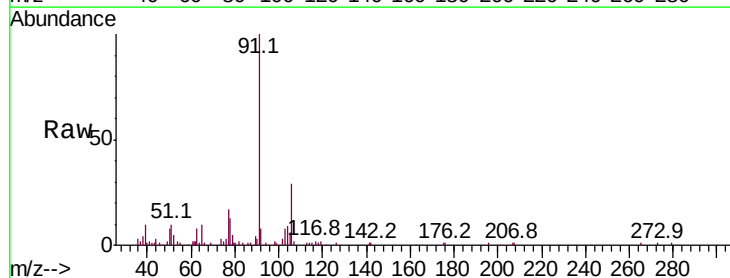
Manual Integrations
APPROVED

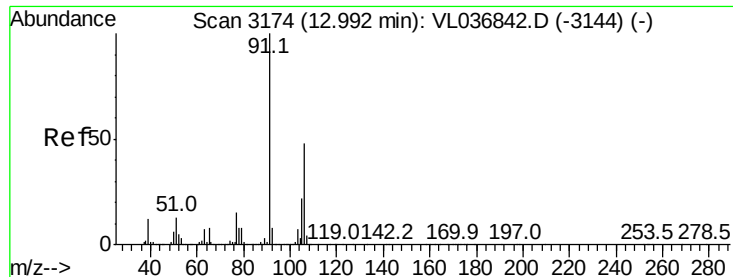
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#58
Ethyl Benzene
Concen: 0.253 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. 0.01 min
Lab File: VL036901.D
Acq: 6 May 2021 13:36

Tgt Ion: 91 Resp: 92550
Ion Ratio Lower Upper
91 100
106 27.8 25.1 37.7



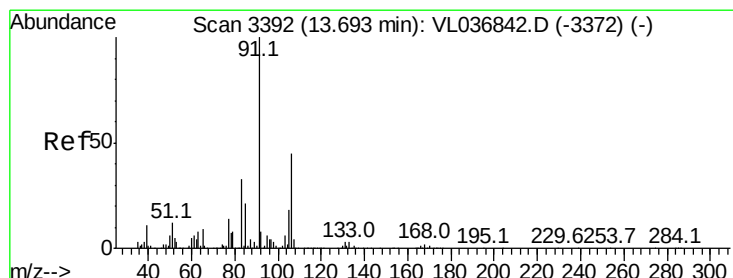
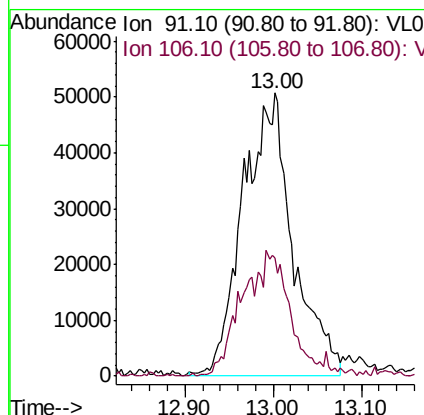
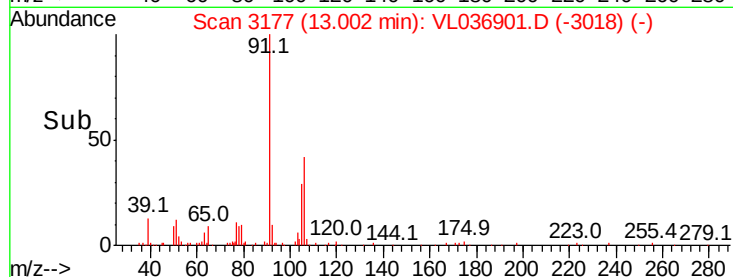
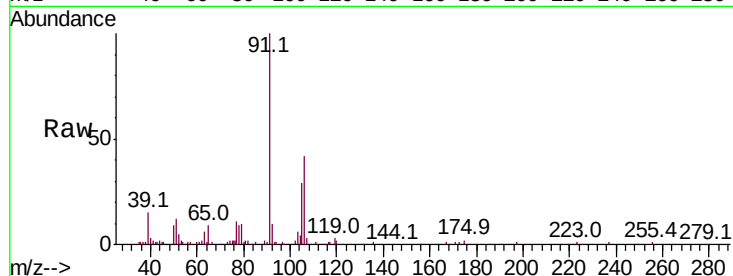


#59
m/p-Xylene
Concen: 0.609 ppbv m
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 May 2021 13:30

Tot Ion:
Ion Ratio
91 100
106 0.

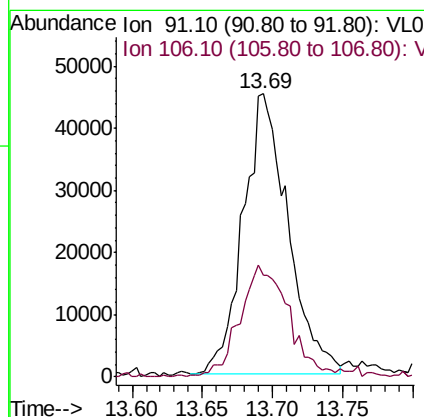
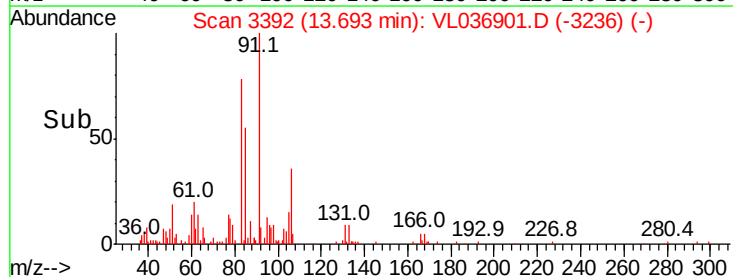
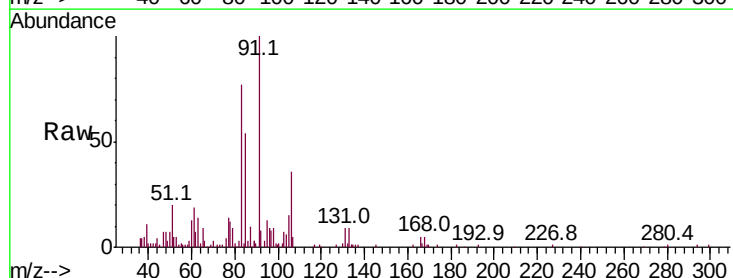
Manual Integrations
APPROVED

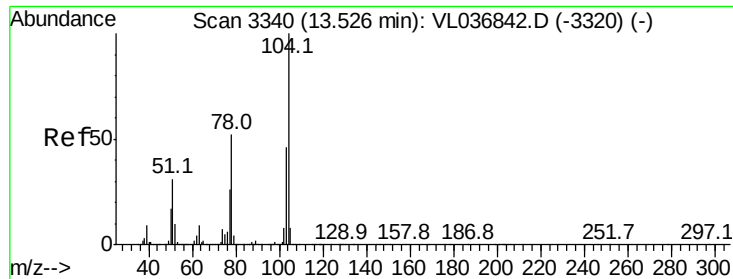
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#60
o-Xylene
Concen: 0.320 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL036901.D
Acq: 6 May 2021 13:36

Tgt Ion: 91 Resp: 100898
Ion Ratio Lower Upper
91 100
106 43.5 22.6 67.7





#61

Stvrene

Concen: 0.211 ppbv m

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 13:30 LOD-MDL-AIR-01-OT2-2021

Tot Ion:1

Ion Rati

104 100

78 52.

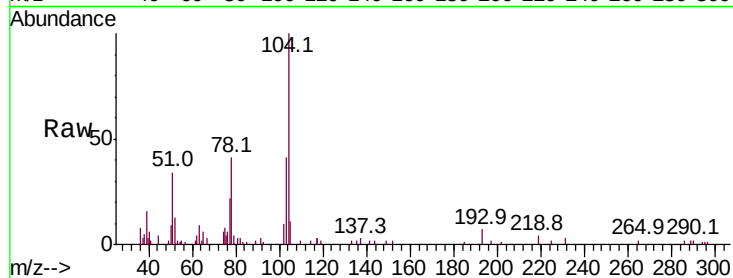
103 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

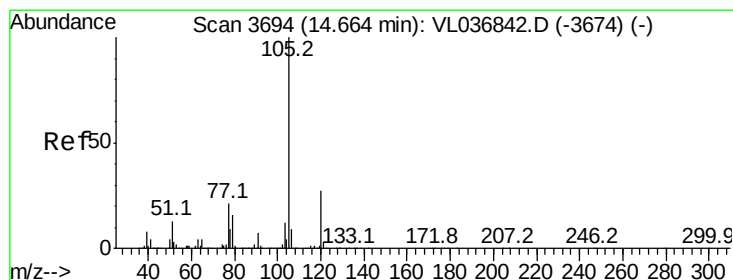
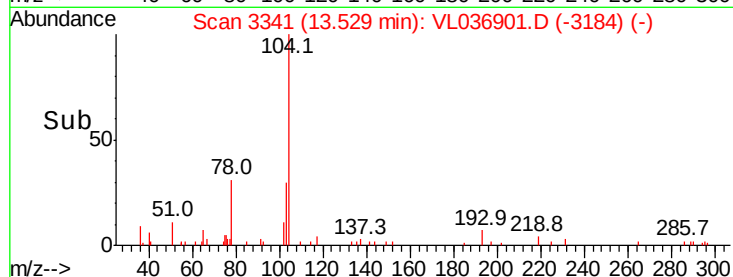
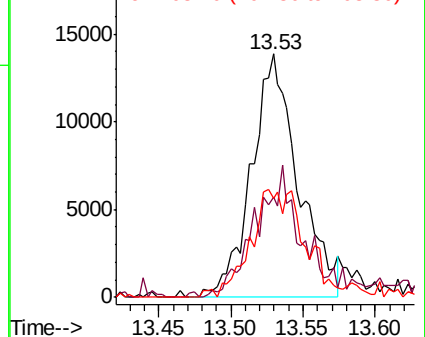
Supervised By :Mahesh Dadoda 05/10/2021



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



#62

Isopropylbenzene

Concen: 0.331 ppbv

RT: 14.67 min Scan# 3696

Delta R.T. 0.01 min

Lab File: VL036901.D

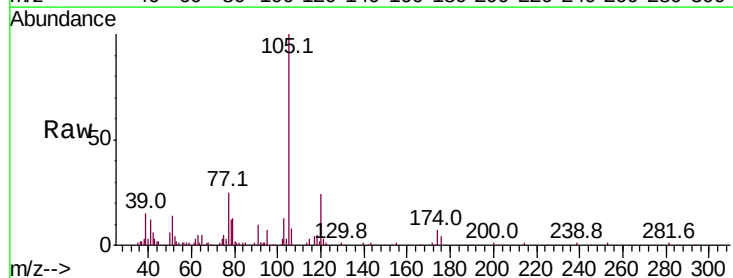
Acq: 6 May 2021 13:36

Tgt Ion:105 Resp: 142158

Ion Ratio Lower Upper

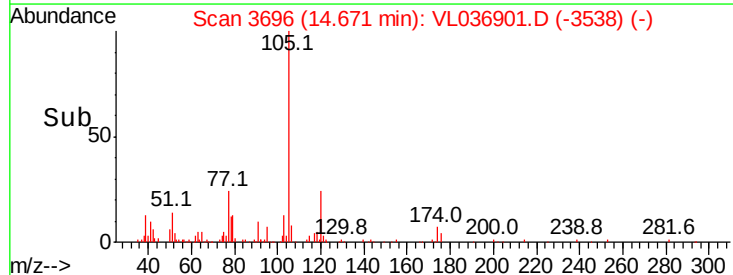
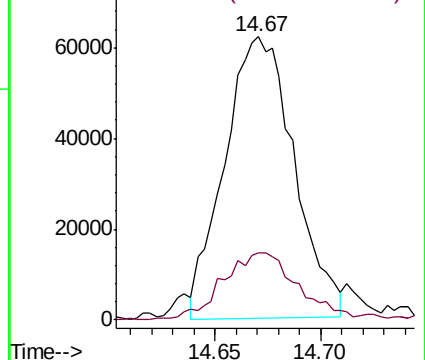
105 100

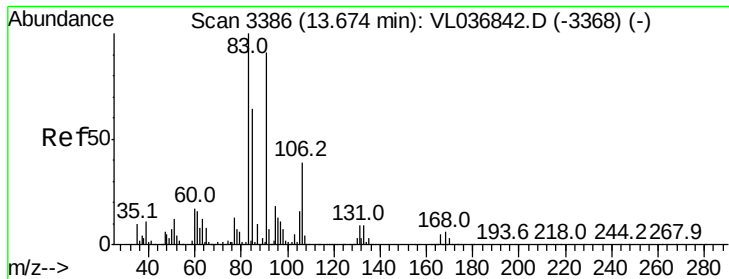
120 26.9 21.1 31.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



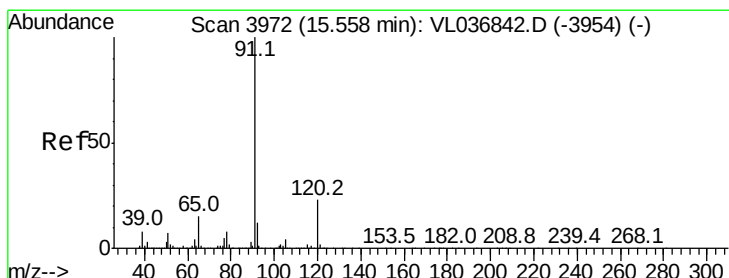
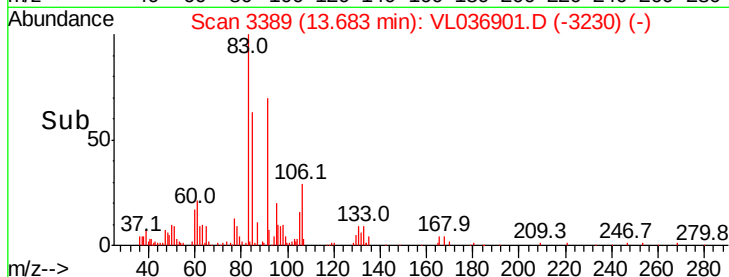
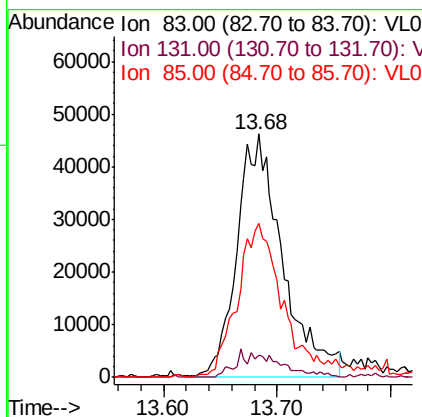
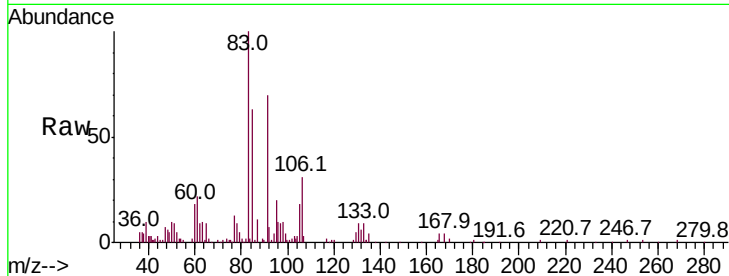


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.510 ppbv m
 RT: 13.68
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 6 May 2021 13:30

Tot Ion:
 Ion Ratio
 83 100
 131 0.
 85 68.

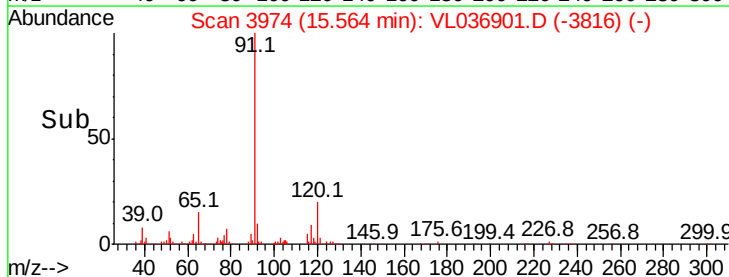
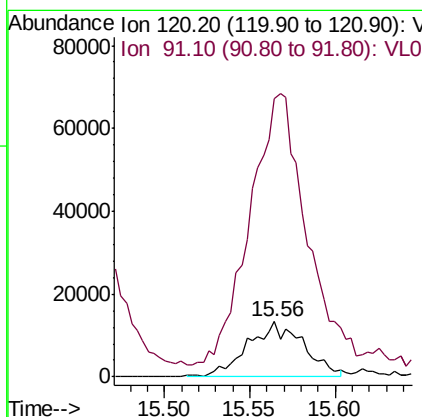
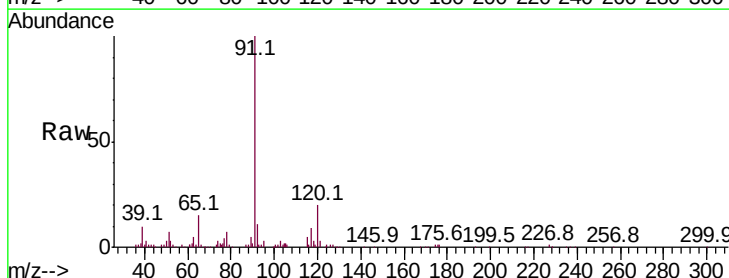
Manual Integrations
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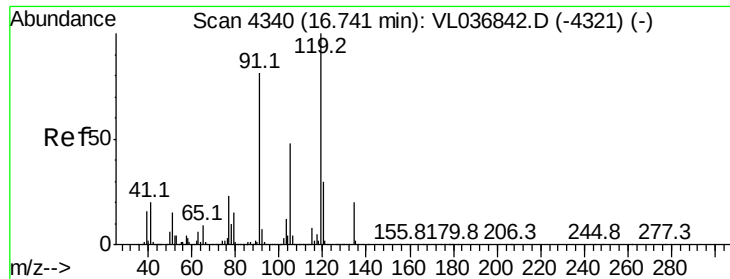
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#64
 n-propylbenzene
 Concen: 0.281 ppbv m
 RT: 15.56 min Scan# 3974
 Delta R.T. 0.01 min
 Lab File: VL036901.D
 Acq: 6 May 2021 13:36

Tgt Ion:120 Resp: 30039
 Ion Ratio Lower Upper
 120 100
 91 0.0 378.6 567.8#



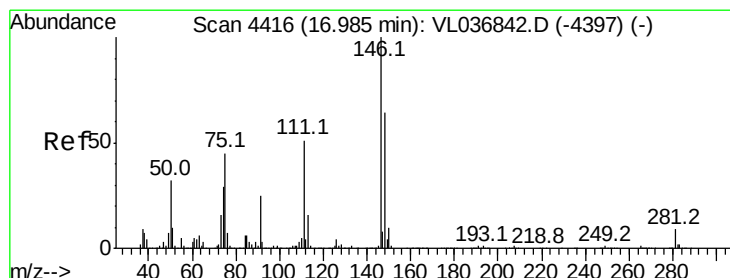
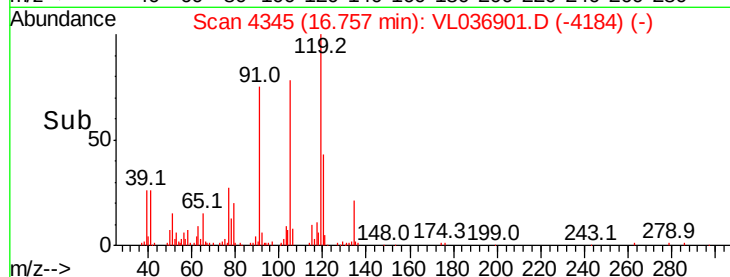
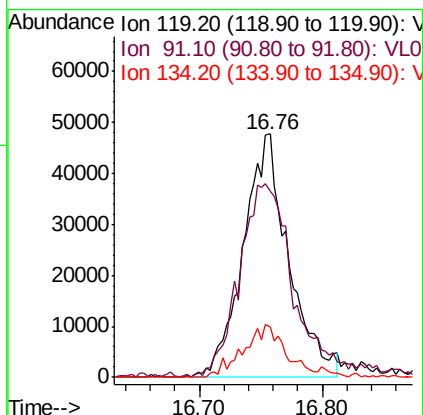
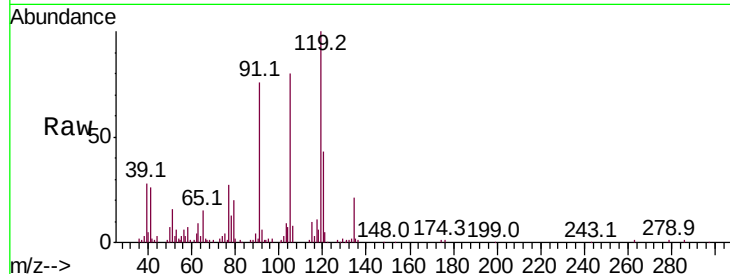


#65
tert-Butylbenzene
Concen: 0.321 ppbv m
RT: 16.76 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 May 2021 13:30

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

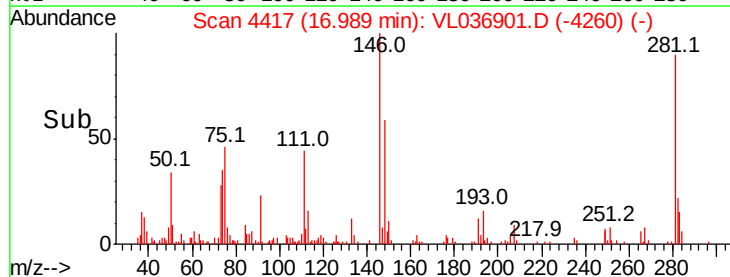
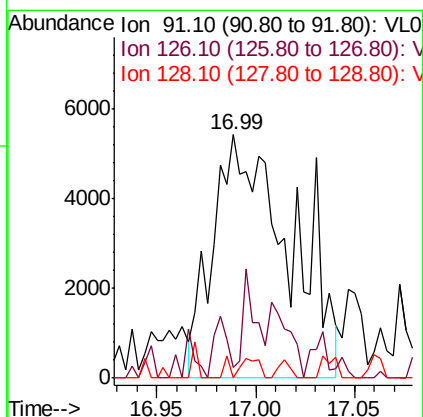
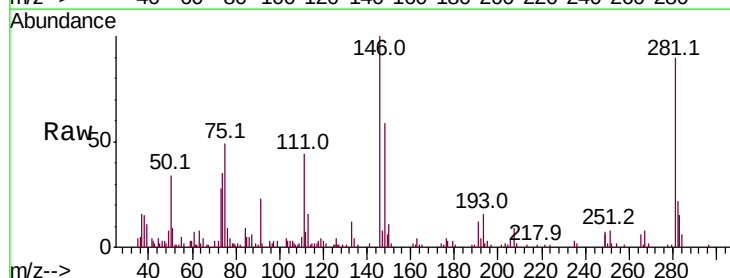
Manual Integrations
APPROVED

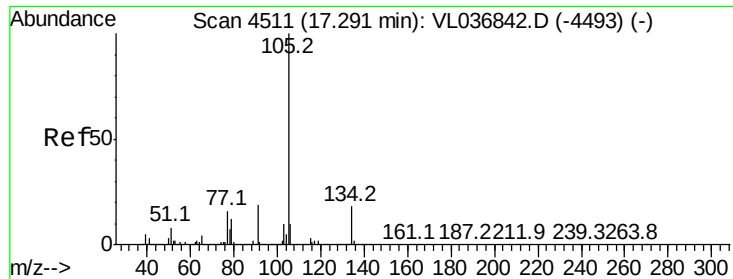
Reviewed By : Semsettin Yesilyurt 05/08/2021
Supervised By : Mahesh Dadoda 05/10/2021



#66
Benzyl Chloride
Concen: 0.388 ppbv m
RT: 16.99 min Scan# 4417
Delta R.T.: 0.00 min
Lab File: VL036901.D
Acq: 6 May 2021 13:36

Tgt Ion: 91 Resp: 14415
Ion Ratio Lower Upper
91 100
126 23.7 14.1 21.1#
128 0.0 4.8 7.2#



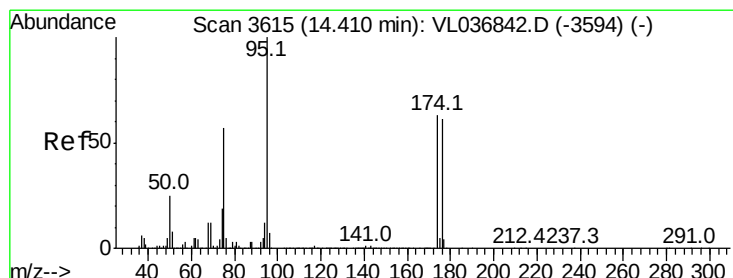
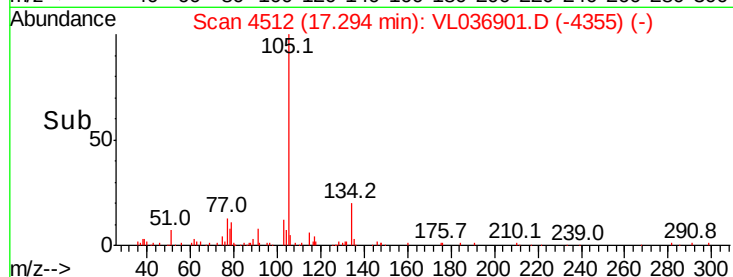
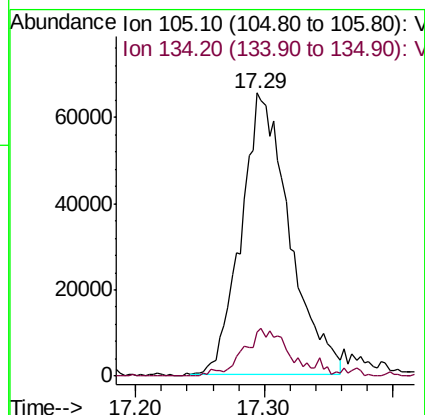
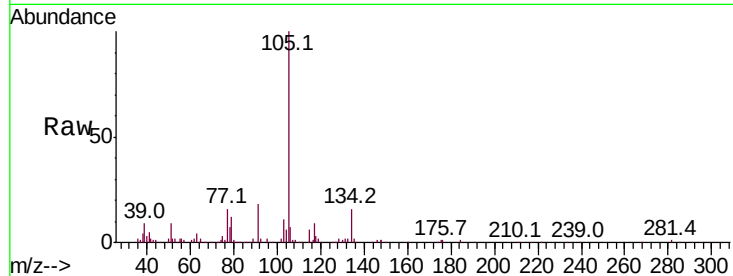


#67
 sec-Butylbenzene
 Concen: 0.323 ppbv
 RT: 17.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2021
 Acq: 6 May 2021 13:30

Tot Ion:1
 Ion Rati
 105 100
 134 17.

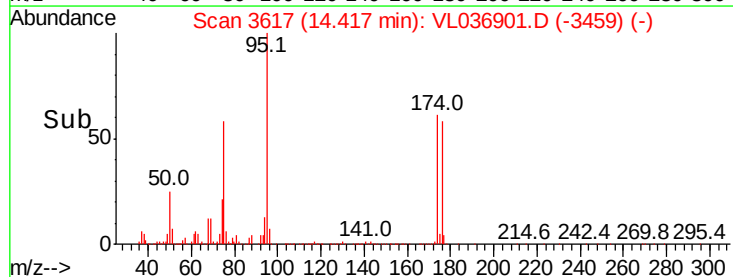
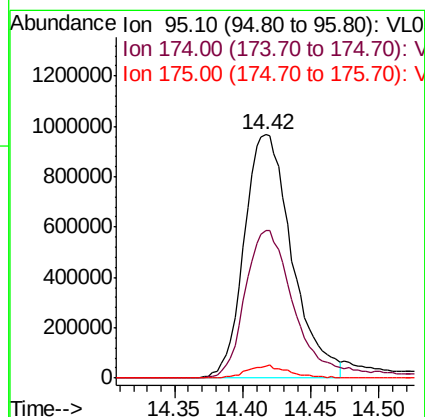
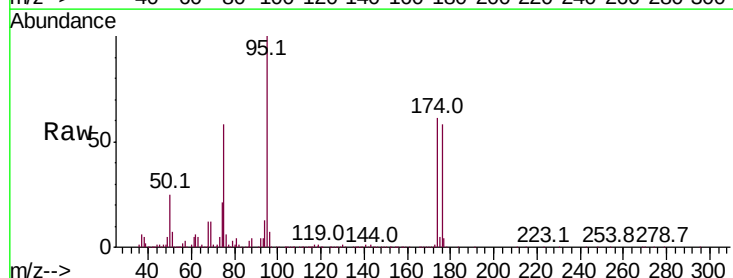
Manual Integrations
 APPROVED

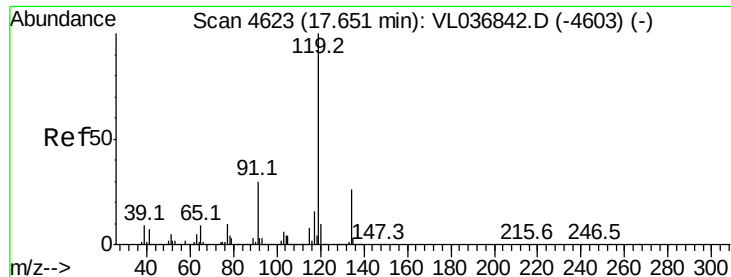
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.143 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. 0.01 min
 Lab File: VL036901.D
 Acq: 6 May 2021 13:36

Tgt Ion: 95 Resp: 2345049
 Ion Ratio Lower Upper
 95 100
 174 66.7 52.2 78.2
 175 4.9 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.269 ppbv m

RT: 17.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 13:30

Tot Ion:1

Ion Rati

119 100

134 24.

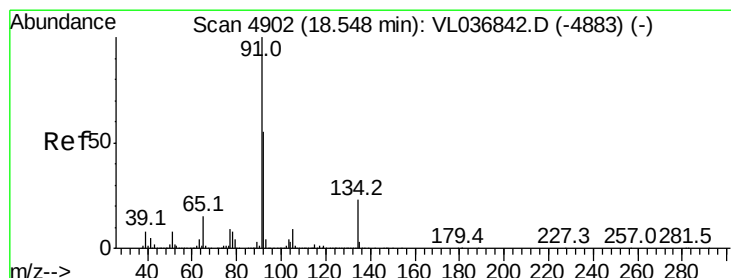
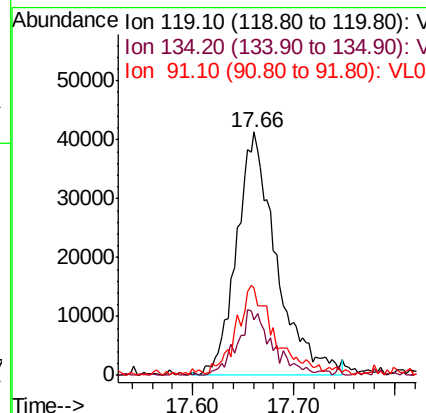
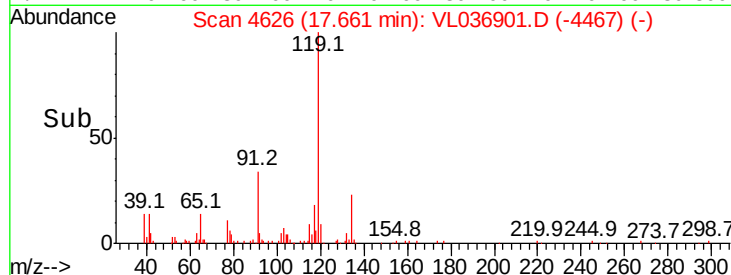
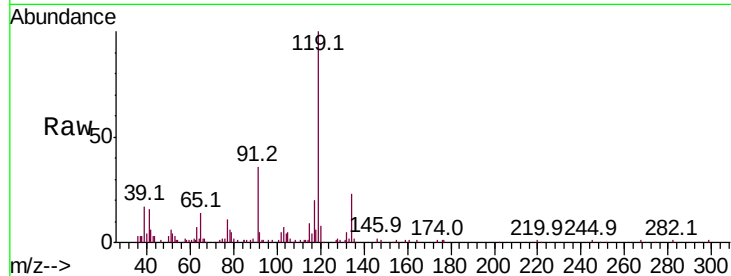
91 37.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#70

n-Butylbenzene

Concen: 0.277 ppbv m

RT: 18.56 min Scan# 4906

Delta R.T. 0.01 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

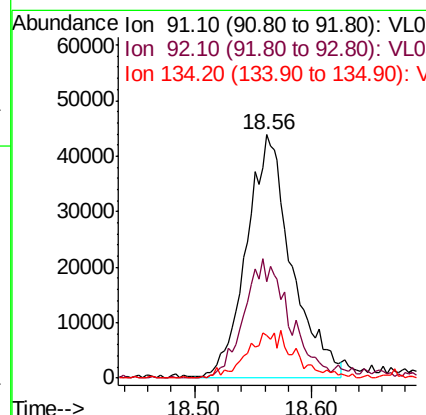
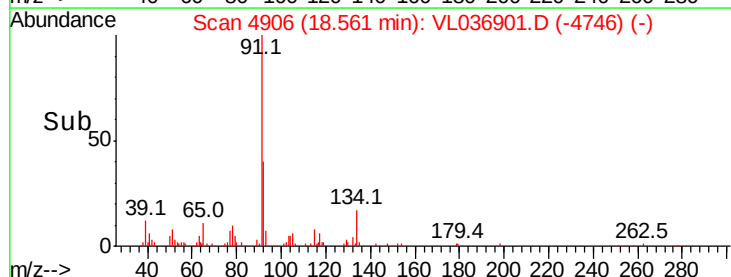
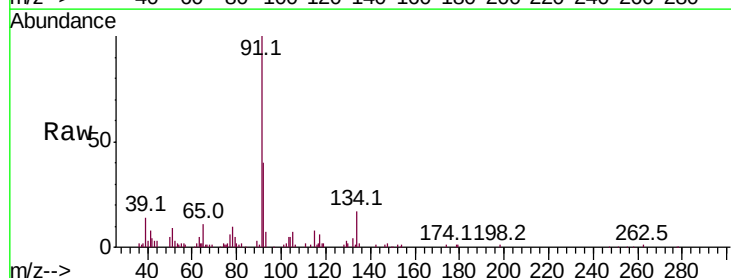
Tgt Ion: 91 Resp: 118060

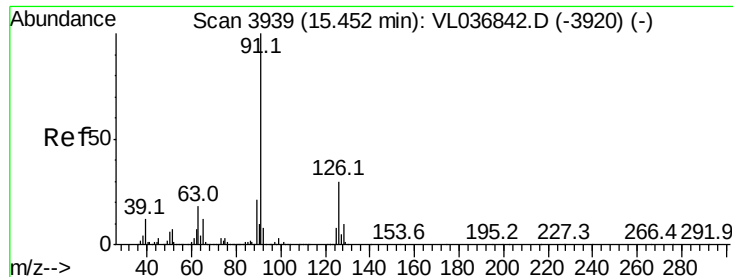
Ion Ratio Lower Upper

91 100

92 49.4 43.5 65.3

134 20.5 18.2 27.4





#71

2-Chlorotoluene

Concen: 0.301 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 15:30

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

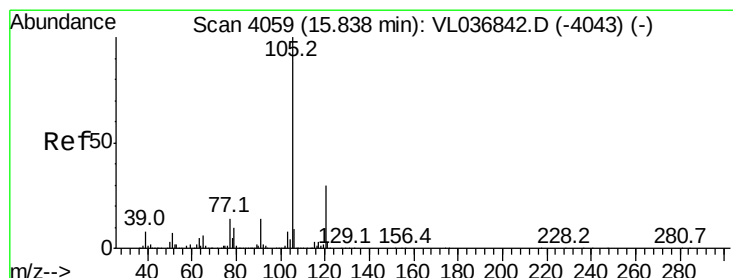
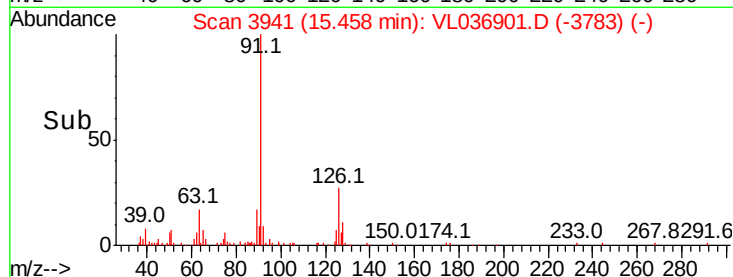
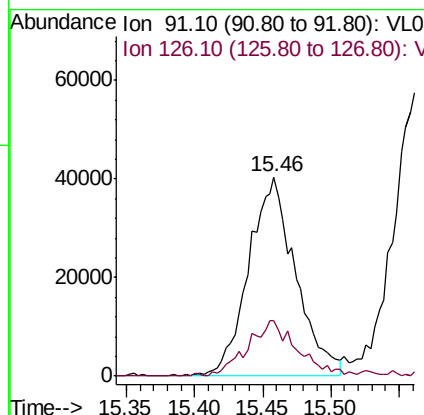
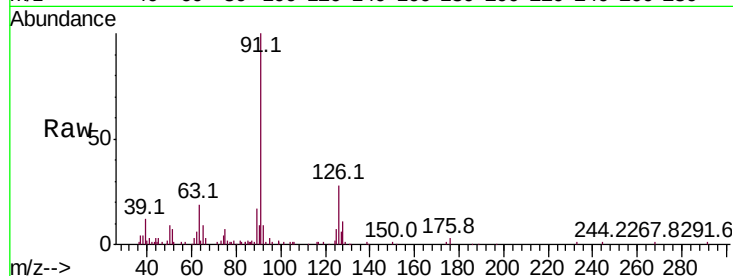
Supervised By :Mahesh Dadoda 05/10/2021

Tot Ion:

Ion Ratio

91 100

126 30.



#72

4-Ethyltoluene

Concen: 0.282 ppbv m

RT: 15.85 min Scan# 4062

Delta R.T. 0.01 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

Tgt Ion:105 Resp: 95524

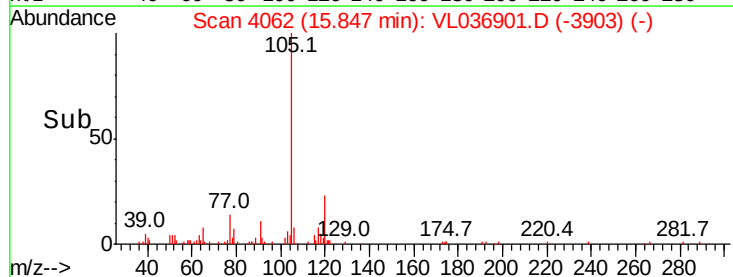
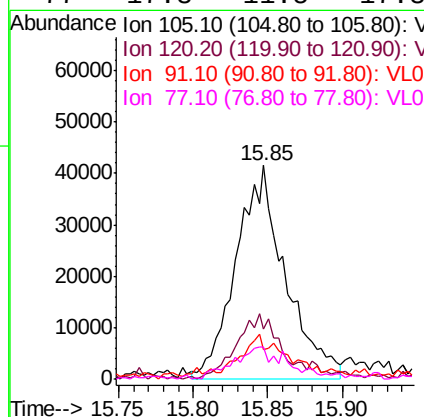
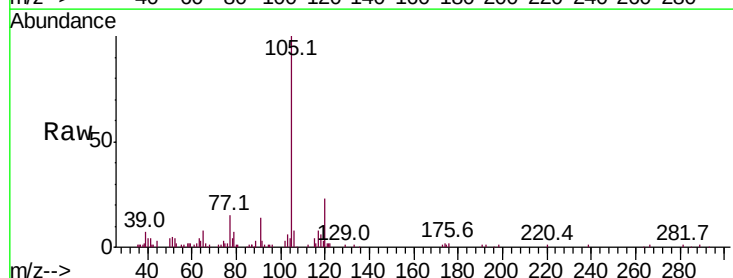
Ion Ratio Lower Upper

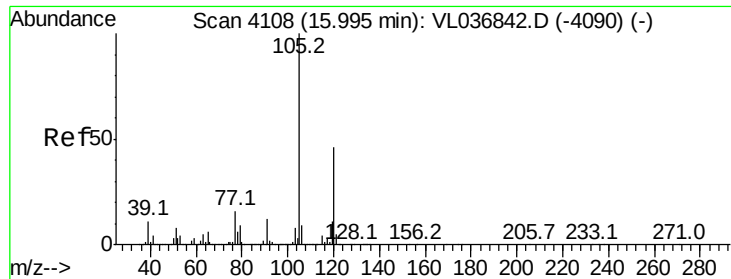
105 100

120 30.2 23.8 35.6

91 18.3 10.7 16.1#

77 17.3 11.5 17.3#



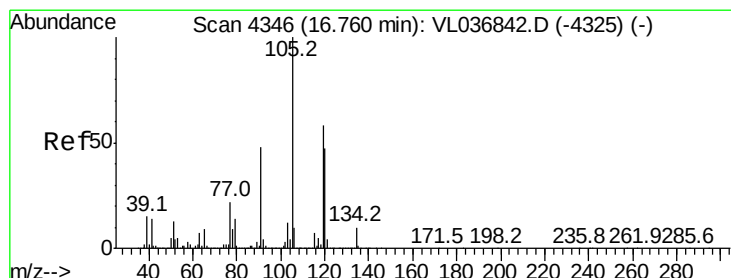
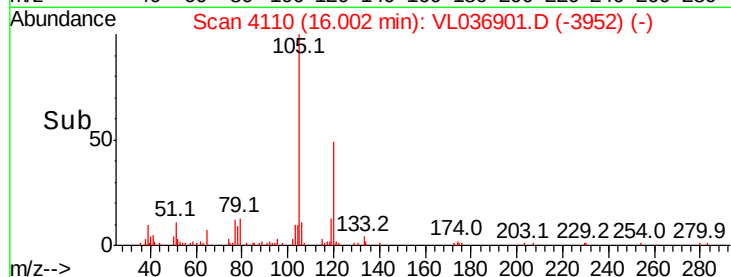
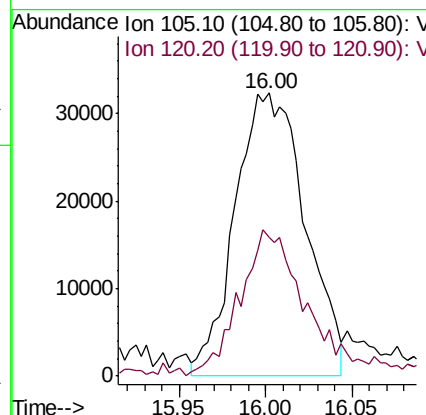
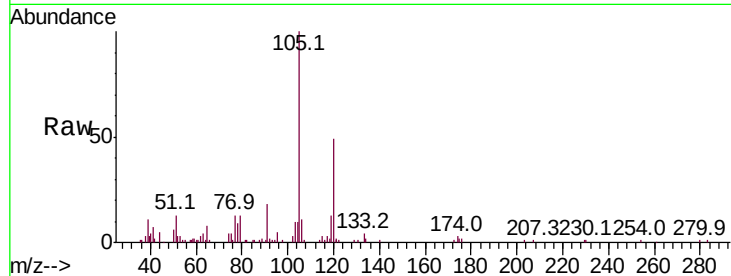


#73
 1,3,5-Trimethylbenzene
 Concen: 0.278 ppbv m
 RT: 16.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 May 2021 13:30

Tot Ion:1
 Ion Rati
 105 100
 120 49.

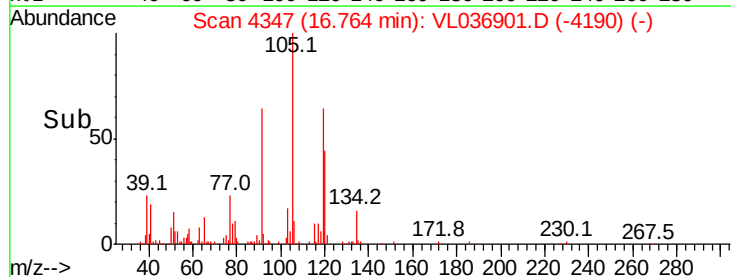
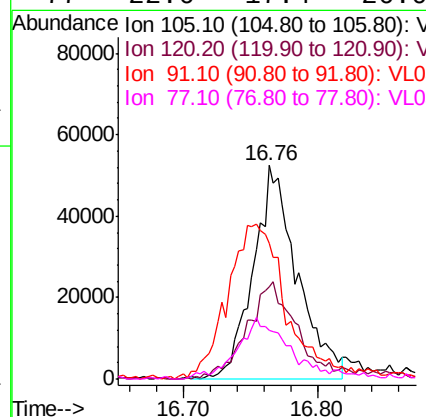
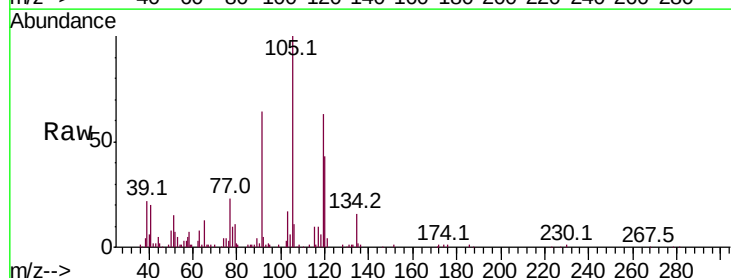
Manual Integrations
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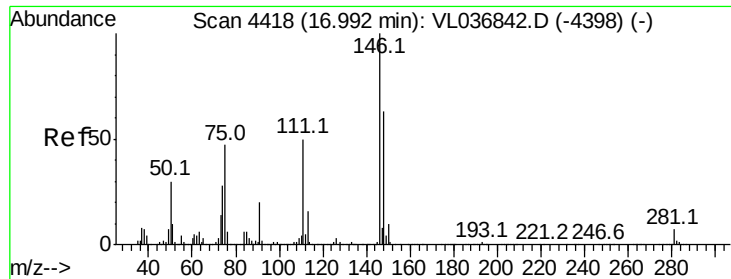
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 0.342 ppbv m
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.00 min
 Lab File: VL036901.D
 Acq: 6 May 2021 13:36

Tgt Ion:105 Resp: 119516
 Ion Ratio Lower Upper
 105 100
 120 42.9 37.6 56.4
 91 63.5 39.0 58.4#
 77 22.6 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 0.444 ppbv m

RT: 17.00

Delta R.T. MSVOA_1

Lab File: ClientSampled :

Acq: 6 May 2021 13:30 LOD-MDL-AIR-01-OT2-2021

Tot Ion:1

Ion Rati

146 100

111 46.

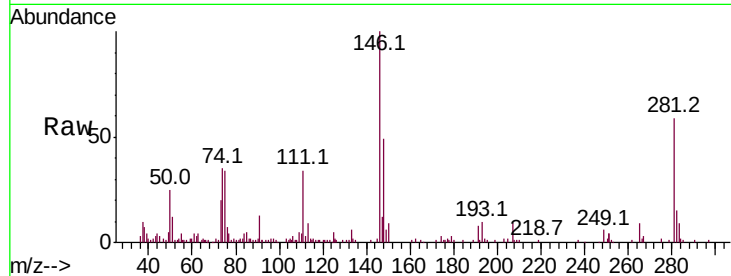
148 63.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

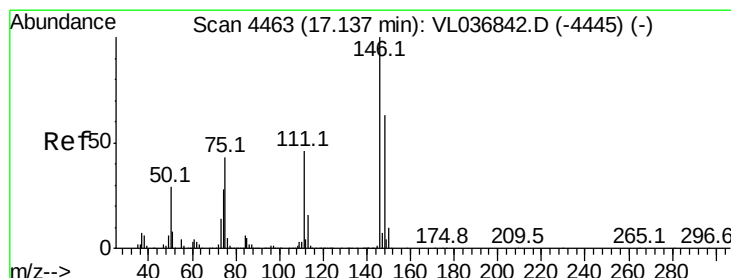
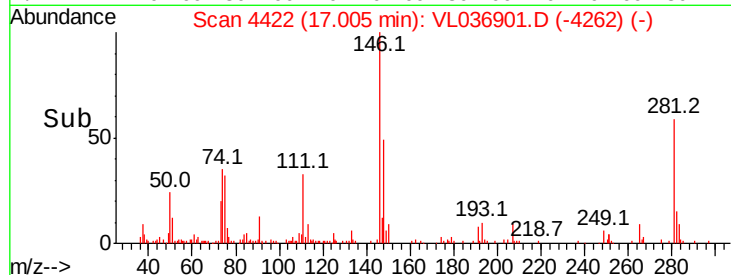
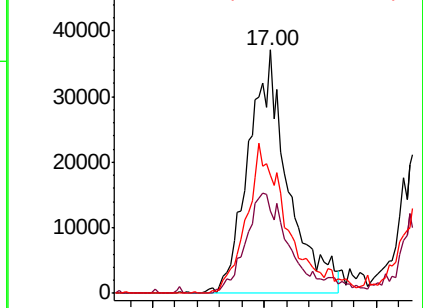
Supervised By :Mahesh Dadoda 05/10/2021



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 0.378 ppbv m

RT: 17.15 min Scan# 4466

Delta R.T. 0.01 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

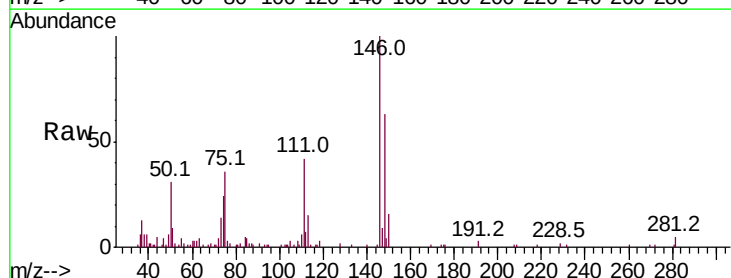
Tgt Ion:146 Resp: 76229

Ion Ratio Lower Upper

146 100

111 0.0 24.3 72.8#

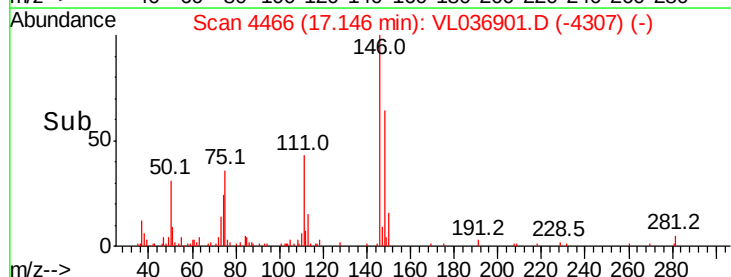
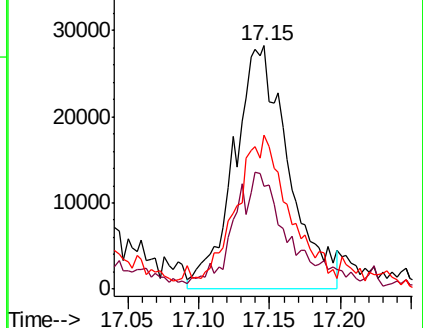
148 72.4 32.4 97.0

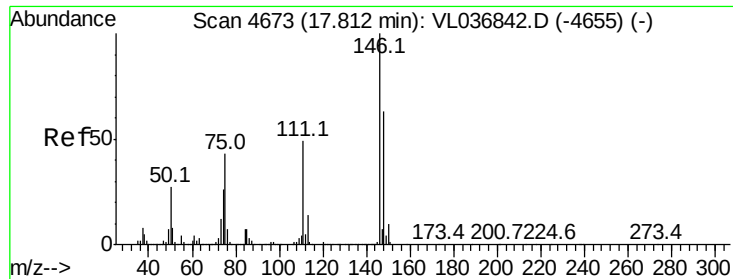


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 0.411 ppbv m

RT: 17.82

Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LOD-MDL-AIR-01-OT2-2021

Acq: 6 May 2021 13:30

Tot Ion:1

Ion Rati

146 100

111 53.

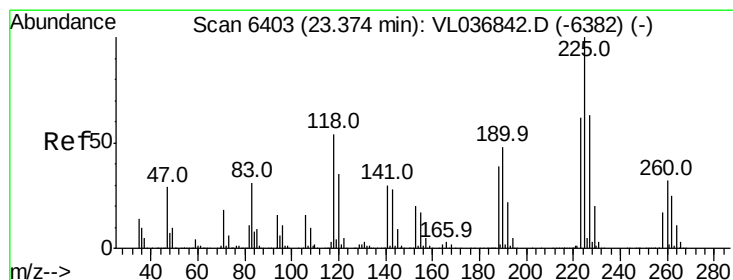
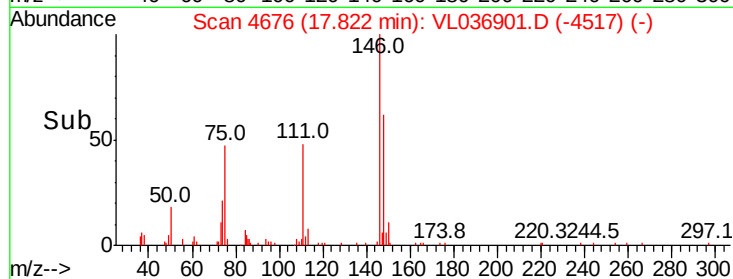
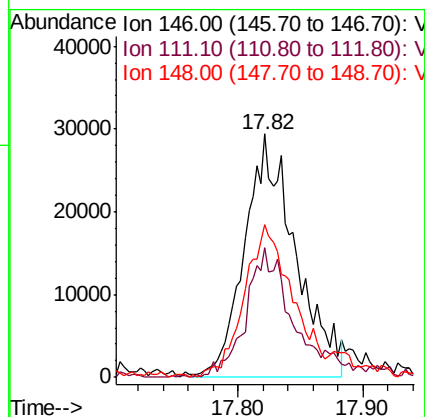
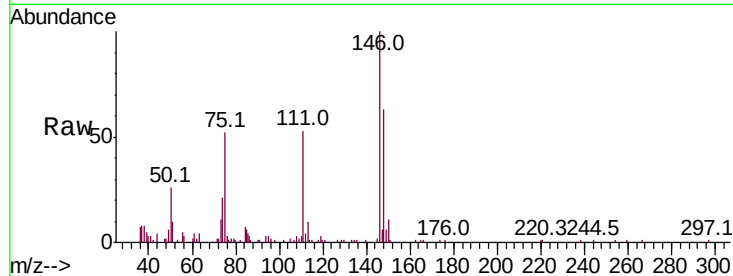
148 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#78

Hexachloro-1,3-Butadiene

Concen: 0.457 ppbv m

RT: 23.38 min Scan# 6406

Delta R.T. 0.01 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

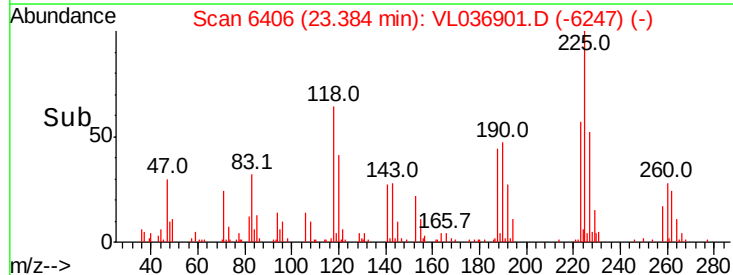
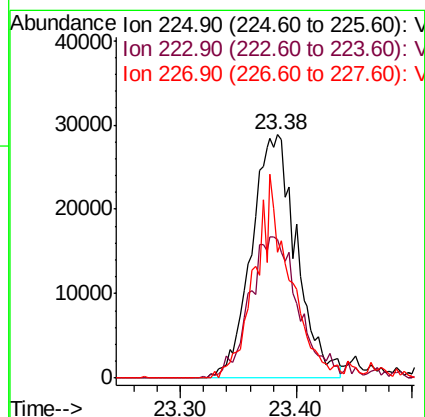
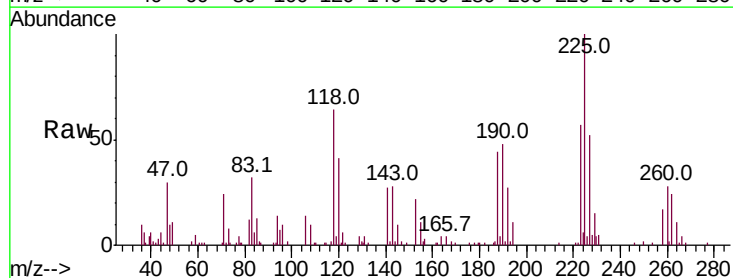
Tgt Ion:225 Resp: 78185

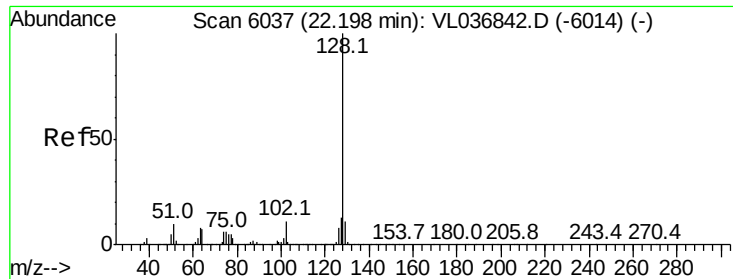
Ion Ratio Lower Upper

225 100

223 0.0 51.2 76.8#

227 0.0 51.8 77.6#





#79

Naphthalene

Concen: 0.161 ppbv m

RT: 22.22

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 13:30

Tot Ion:1

Ion Ratio

128 100

127 10.

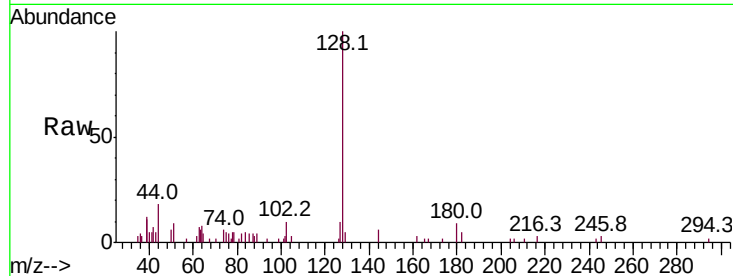
129 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

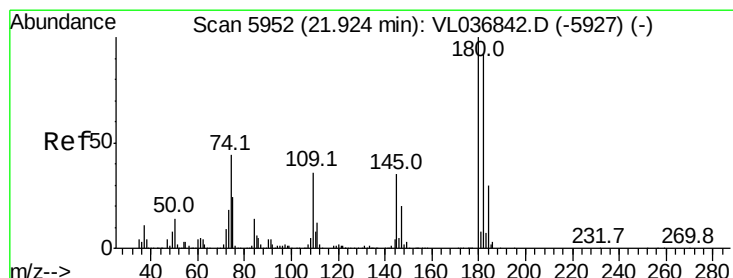
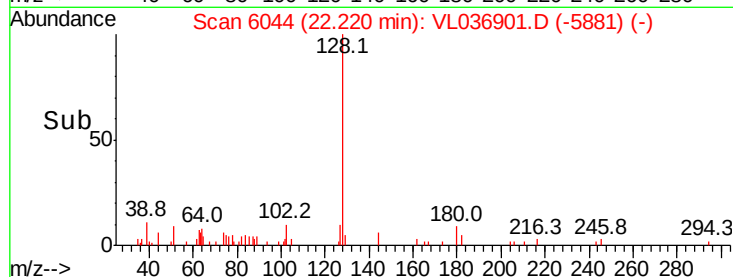
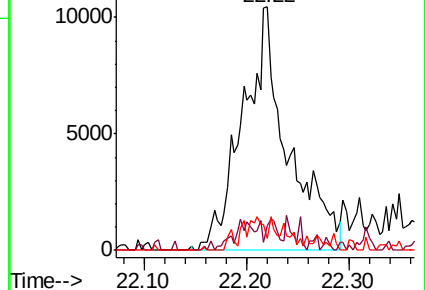
Supervised By :Mahesh Dadoda 05/10/2021



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



#81

1,2,4-Trichlorobenzene

Concen: 0.231 ppbv m

RT: 21.94 min Scan# 5957

Delta R.T. 0.02 min

Lab File: VL036901.D

Acq: 6 May 2021 13:36

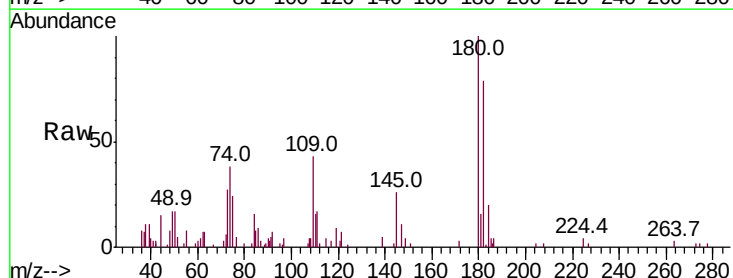
Tgt Ion:180 Resp: 29248

Ion Ratio Lower Upper

180 100

182 0.0 80.9 121.3#

184 0.0 25.3 37.9#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

