

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036904.D
 Acq On : 6 May 2021 15:27
 Operator : SY/AP
 Sample : M2262-13 0.45
 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 18:28:29 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	1439030	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3352553	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	2922028	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2470501	10.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	156204m	0.689 ppbv	
3) Chlorodifluoromethane	2.99	51	146204	0.558 ppbv	98
4) Chloromethane	3.15	50	48278m	0.560 ppbv	
5) Vinyl Chloride	3.27	62	40003m	0.460 ppbv	
6) Bromomethane	3.48	94	25765m	0.551 ppbv	
7) Chloroethane	3.56	64	14407m	0.504 ppbv	
8) Dichlorotetrafluoroethane	3.19	85	111637	0.540 ppbv	98
9) Propene	3.02	41	30313	0.380 ppbv	87
10) Heptane	8.13	43	67365m	0.335 ppbv	
11) Trichlorofluoromethane	3.95	101	105506	0.522 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	74344m	0.549 ppbv	
13) Ethanol	3.64	45	4508m	0.443 ppbv	
14) Bromoethene	3.75	108	25615m	0.463 ppbv	
15) Acetone	3.88	43	83054m	0.612 ppbv	
16) 1,3-Butadiene	3.33	39	33998	0.392 ppbv	85
17) tert-Butyl alcohol	4.35	59	49935m	0.454 ppbv	
18) 1,1-Dichloroethene	4.30	96	27125m	0.461 ppbv	
19) Isopropyl Alcohol	4.01	45	40368m	0.601 ppbv	
20) Methylene Chloride	4.35	84	40895m	0.631 ppbv	
21) Allyl Chloride	4.42	41	48575m	0.482 ppbv	
22) trans-1,2-Dichloroethene	4.89	96	26832m	0.454 ppbv	
23) Vinyl Acetate	5.10	43	73966m	0.401 ppbv	
24) 1,1-Dichloroethane	5.02	63	77883	0.595 ppbv	97
25) Ethyl Acetate	5.70	43	130039	0.393 ppbv #	94
26) Hexane	5.69	57	58787	0.379 ppbv #	77
27) Carbon Disulfide	4.56	76	56214	0.418 ppbv #	67
28) Methyl tert-Butyl Ether	5.06	73	63293m	0.461 ppbv	
29) Chloroform	5.76	83	127686	0.528 ppbv	98
30) Cyclohexane	7.14	84	66623m	0.542 ppbv	
31) cis-1,2-Dichloroethene	5.55	61	49368m	0.355 ppbv	
32) 1,1,1-Trichloroethane	6.52	97	120961	0.492 ppbv	96
34) 2-Butanone	5.28	43	46049	0.314 ppbv #	75
35) Carbon Tetrachloride	7.03	117	122121	0.537 ppbv	85
36) Benzene	6.90	78	104224	0.369 ppbv	94
37) 1,2-Dichloroethane	6.31	62	73798m	0.461 ppbv	
38) Trichloroethene	7.84	130	42208m	0.420 ppbv	
39) 1,2-Dichloropropane	7.63	63	59035m	0.522 ppbv	
40) 1,4-Dioxane	7.90	88	9548m	0.349 ppbv	
41) Tetrahydrofuran	6.09	42	17947m	0.279 ppbv	
42) Bromodichloromethane	7.80	83	119686m	0.539 ppbv	
43) Methyl Methacrylate	8.03	69	27949m	0.303 ppbv	

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Manual Integrations
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 Supervised By :Mahesh Dadoda 05/10/2021

Quant Time: May 08 18:28:29 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	187112	0.387	ppbv	# 82
45) t-1,3-Dichloropropene	9.28	75	27908m	0.281	ppbv	
46) cis-1,3-Dichloropropene	8.71	75	36441	0.286	ppbv	96
47) 1,1,2-Trichloroethane	9.48	97	59166	0.505	ppbv	# 91
48) Dibromochloromethane	10.31	129	78065	0.450	ppbv	98
49) Bromoform	13.04	173	65891m	0.475	ppbv	
50) 4-Methyl-2-Pentanone	8.78	43	60129m	0.300	ppbv	
51) 2-Hexanone	10.18	43	26117m	0.261	ppbv	
52) Tetrachloroethene	11.23	164	37848	0.393	ppbv	88
53) Toluene	9.81	91	79354	0.268	ppbv	96
54) 1,2-Dibromoethane	10.62	107	73965m	0.447	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.13	131	74753	0.610	ppbv	# 1
57) Chlorobenzene	12.15	112	117384	0.516	ppbv	# 92
58) Ethyl Benzene	12.72	91	115059m	0.310	ppbv	
59) m/p-Xylene	13.00	91	246621m	0.745	ppbv	
60) o-Xylene	13.70	91	122626	0.383	ppbv	98
61) Styrene	13.53	104	35403m	0.235	ppbv	
62) Isopropylbenzene	14.67	105	174216	0.400	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	135384	0.527	ppbv	91
64) n-propylbenzene	15.57	120	40216m	0.370	ppbv	
65) tert-Butylbenzene	16.75	119	140965	0.366	ppbv	# 82
66) Benzyl Chloride	16.99	91	17870m	0.474	ppbv	
67) sec-Butylbenzene	17.30	105	211660m	0.396	ppbv	
69) p-Isopropyltoluene	17.67	119	137047m	0.320	ppbv	
70) n-Butylbenzene	18.57	91	147792m	0.342	ppbv	
71) 2-Chlorotoluene	15.45	91	110492	0.342	ppbv	100
72) 4-Ethyltoluene	15.85	105	109684m	0.319	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	110645	0.332	ppbv	97
74) 1,2,4-Trimethylbenzene	16.77	105	141559	0.400	ppbv	94
75) 1,3-Dichlorobenzene	17.00	146	100915m	0.482	ppbv	
76) 1,4-Dichlorobenzene	17.15	146	87828m	0.429	ppbv	
77) 1,2-Dichlorobenzene	17.83	146	98543m	0.482	ppbv	
78) Hexachloro-1,3-Butadiene	23.38	225	93895m	0.540	ppbv	
79) Naphthalene	22.22	128	37351m	0.188	ppbv	
81) 1,2,4-Trichlorobenzene	21.95	180	36118m	0.282	ppbv	

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

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MSVOA_L
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LOD-MDL-AIR-01-QT2-2021

Manual Integrations
APPROVED

Quant Time: May 08 18:28:29 2021

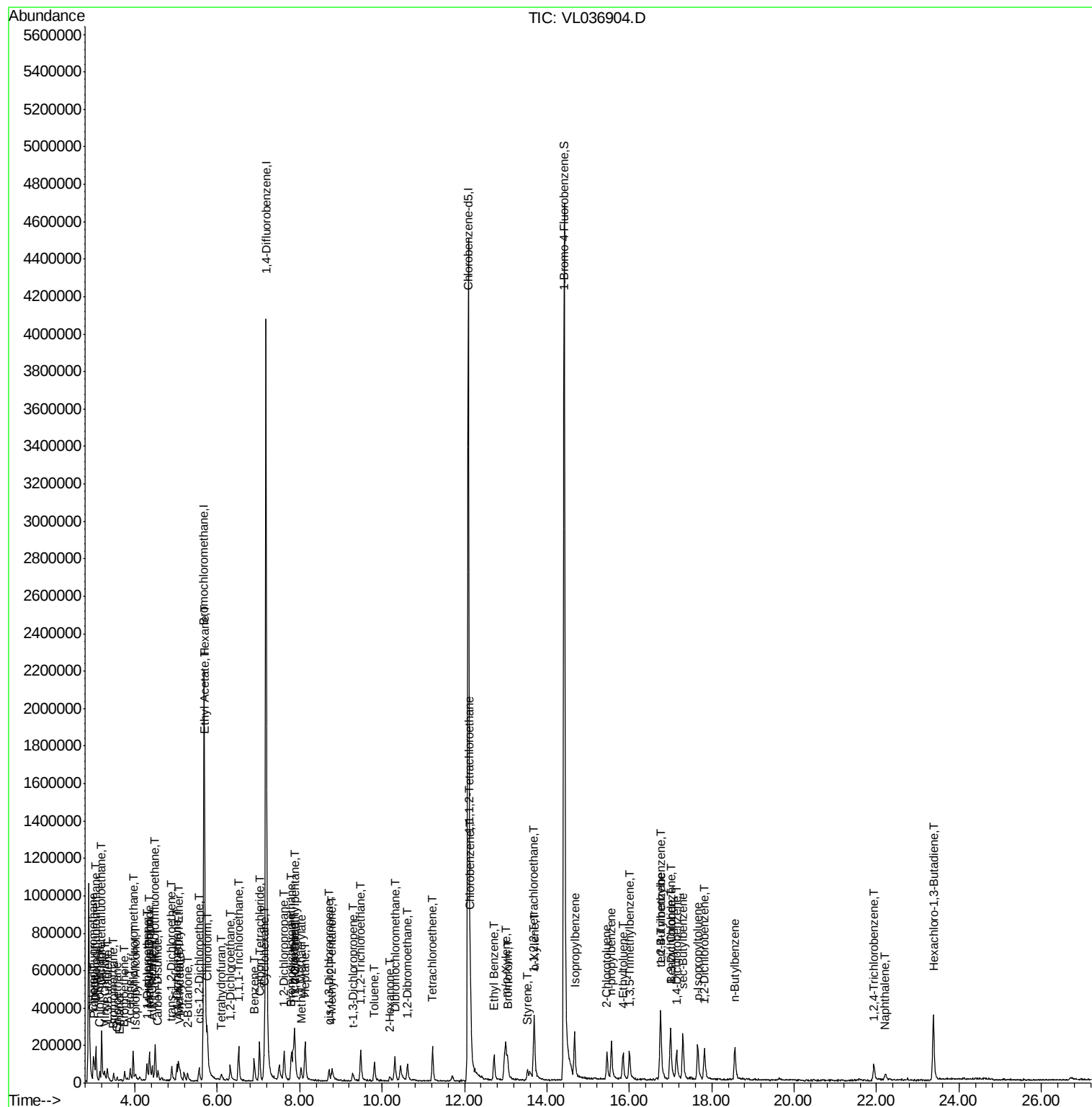
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721

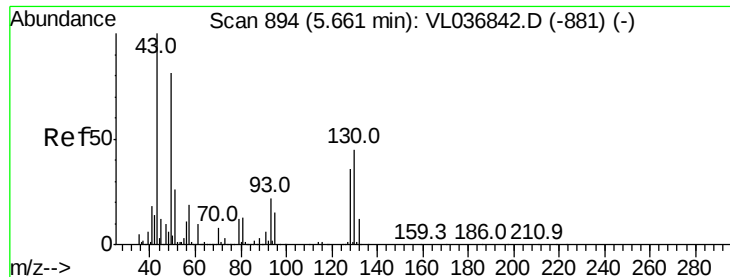
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 15:27 LOD-MDL-AIR-01-QT2-2021

Tot Ion:

Ion Ratio

49 100

128 45.

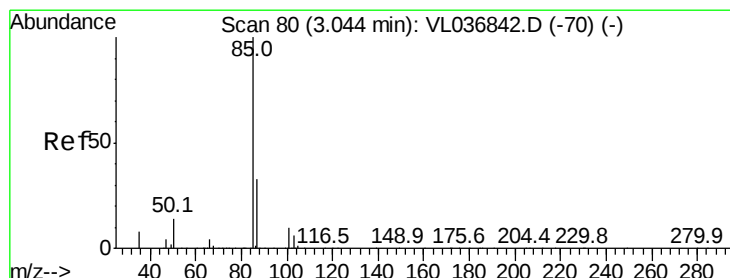
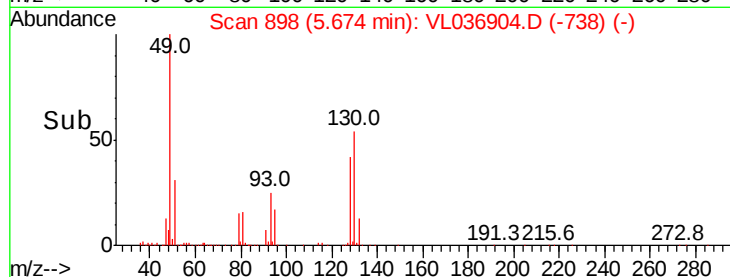
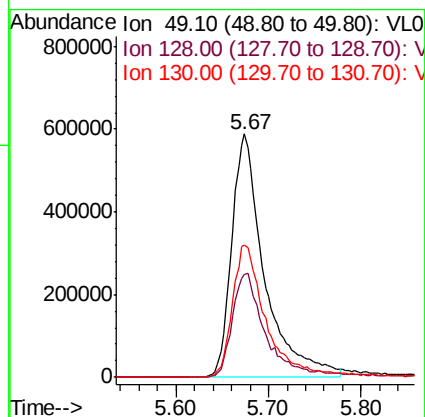
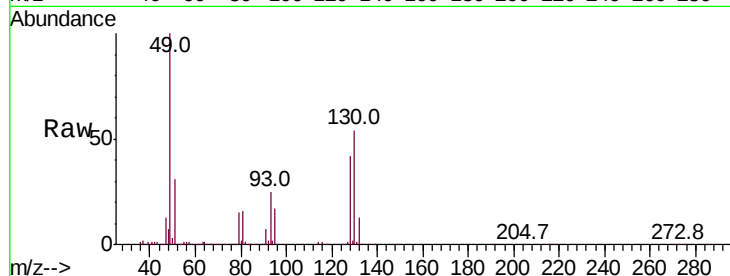
130 57.

Manual Integrations

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Supervised By :Mahesh Dadoda 05/10/2021



#2

Dichlorodifluoromethane

Concen: 0.689 ppbv m

RT: 3.05 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL036904.D

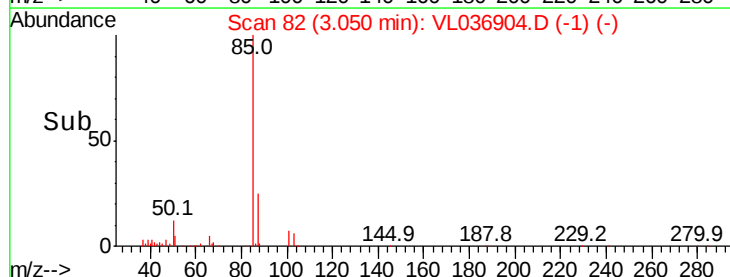
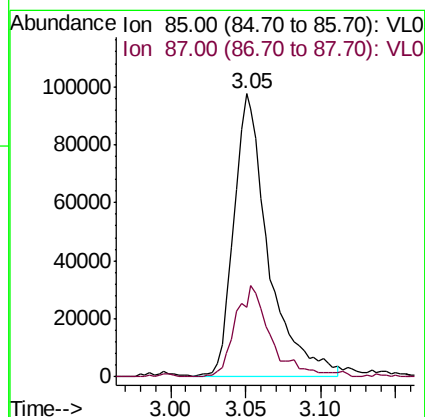
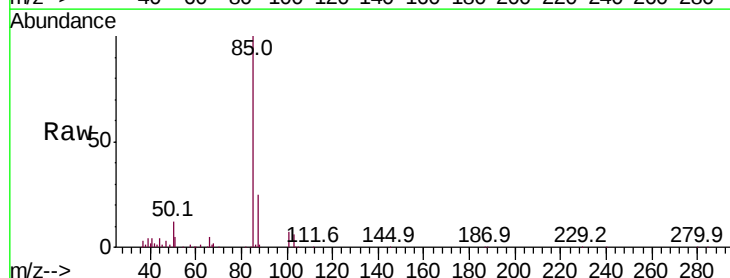
Acq: 6 May 2021 15:27

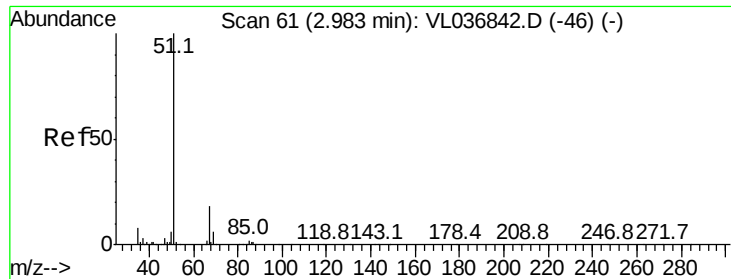
Tgt Ion: 85 Resp: 156204

Ion Ratio Lower Upper

85 100

87 24.8 26.2 39.2#





#3

Chlorodifluoromethane

Concen: 0.558 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 6 May 2021 15:27

Tot Ion:

Ion Ratio

51 100

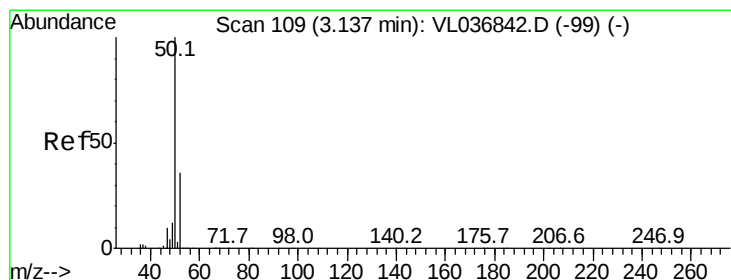
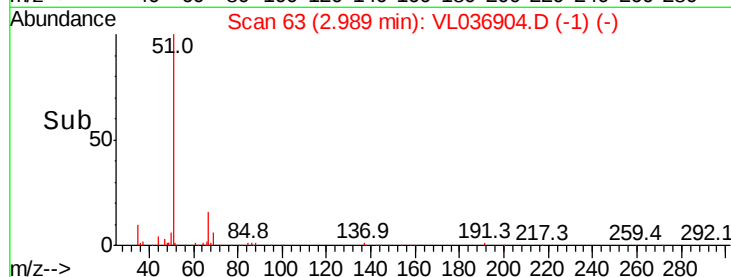
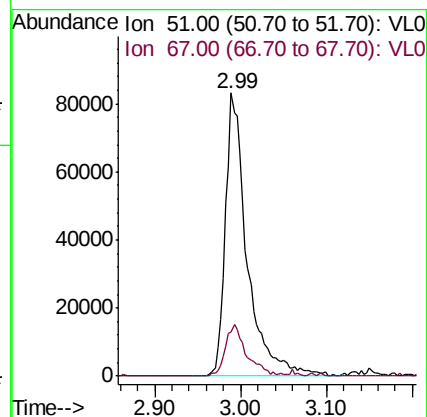
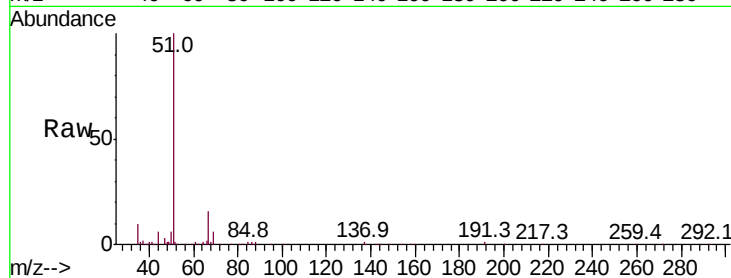
67 17.

Manual Integrations

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Supervised By :Mahesh Dadoda 05/10/2021



#4

Chloromethane

Concen: 0.560 ppbv m

RT: 3.15 min Scan# 112

Delta R.T. 0.01 min

Lab File: VL036904.D

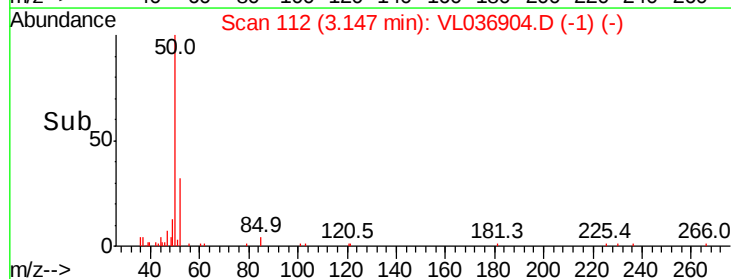
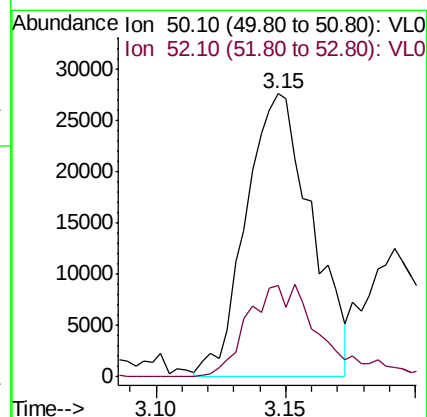
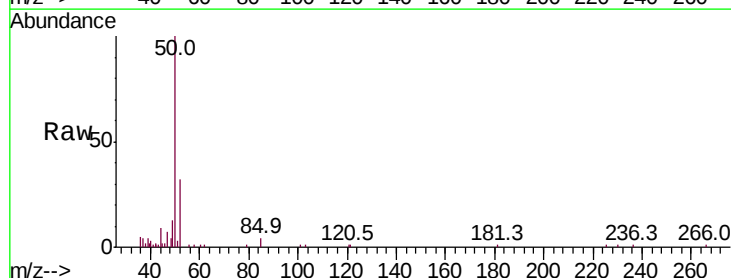
Acq: 6 May 2021 15:27

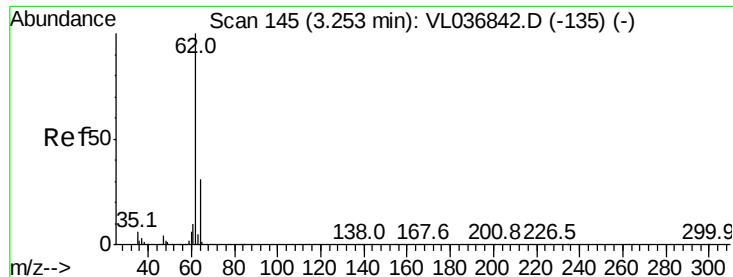
Tgt Ion: 50 Resp: 48278

Ion Ratio Lower Upper

50 100

52 32.3 28.5 42.7





#5

Vinyl Chloride

Concen: 0.460 ppbv m

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 15:27 LOD-MDL-AIR-01-QT2-2021

Tot Ion:

Ion Ratio

62 100

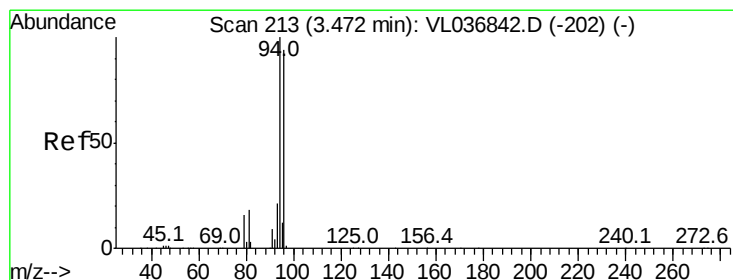
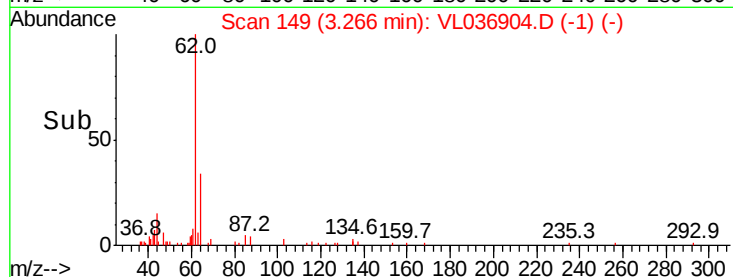
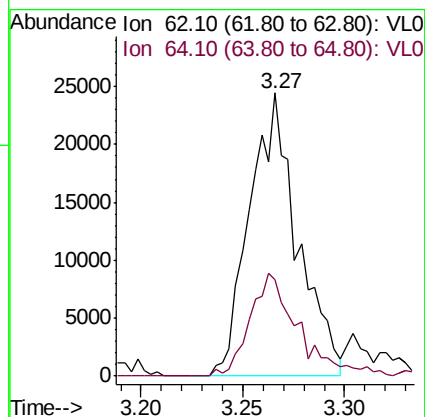
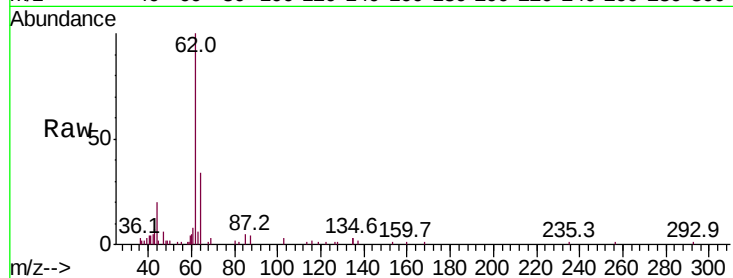
64 34.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 05/10/2021



#6

Bromomethane

Concen: 0.551 ppbv m

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL036904.D

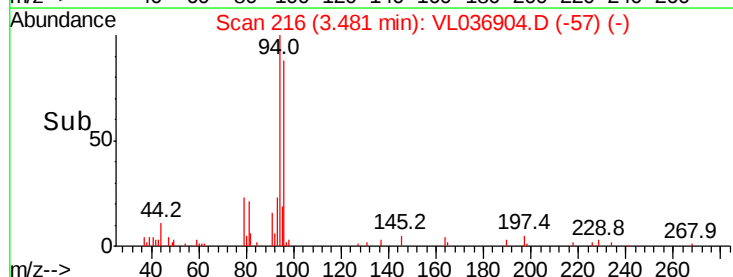
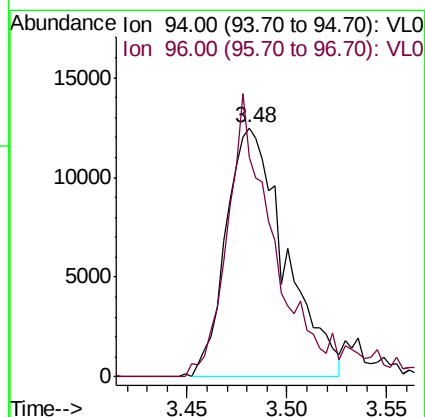
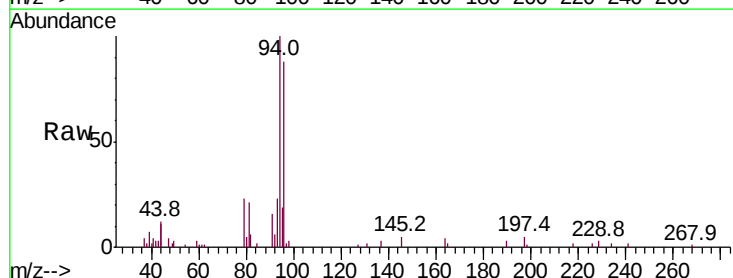
Acq: 6 May 2021 15:27

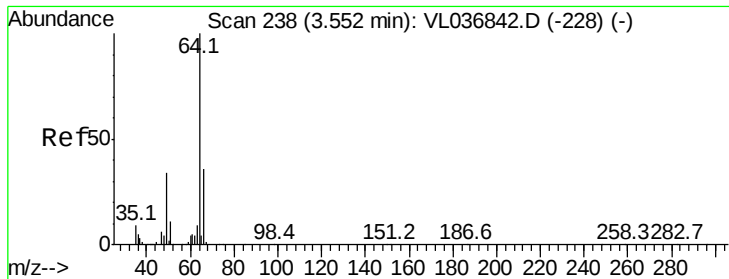
Tgt Ion: 94 Resp: 25765

Ion Ratio Lower Upper

94 100

96 88.0 75.4 113.0





#7

Chloroethane

Concen: 0.504 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 15:27 LOD-MDL-AIR-01-QT2-2021

Tot Ion:

Ion Ratio

64 100

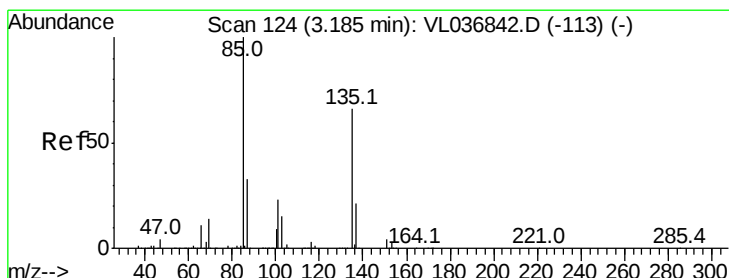
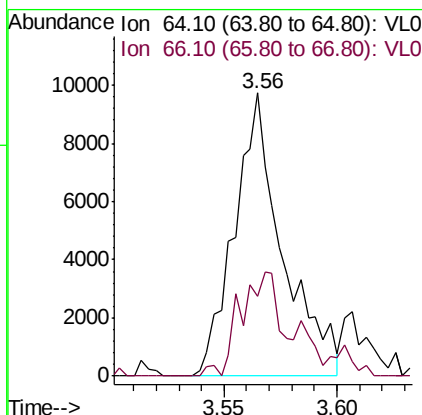
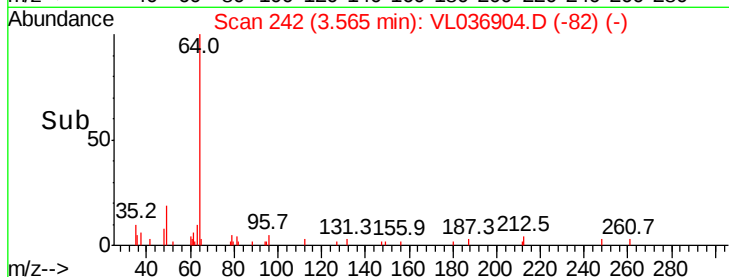
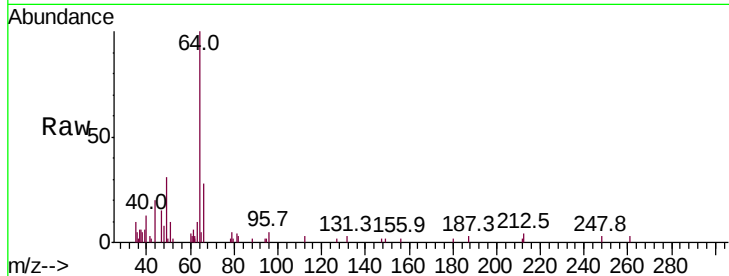
66 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#8

Dichlorotetrafluoroethane

Concen: 0.540 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036904.D

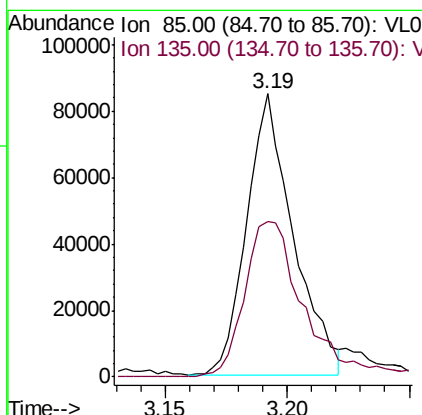
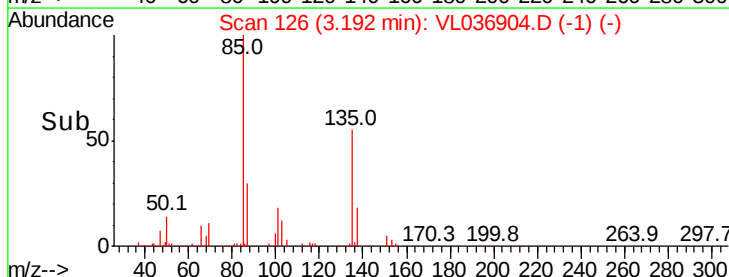
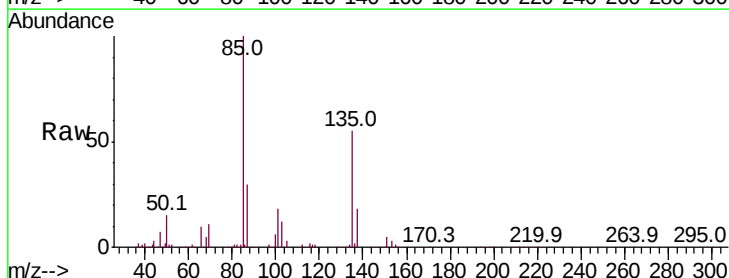
Acq: 6 May 2021 15:27

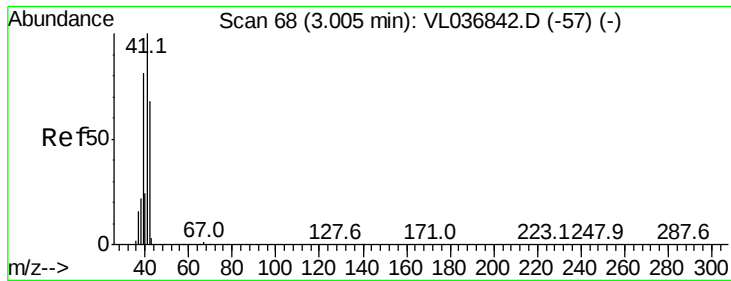
Tgt Ion: 85 Resp: 111637

Ion Ratio Lower Upper

85 100

135 71.7 56.2 84.4





#9

Propene

Concen: 0.380 ppbv

RT: 3.02

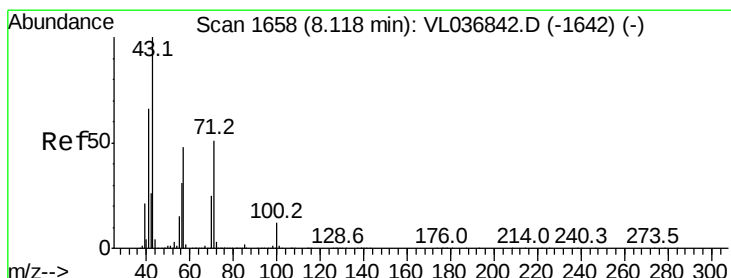
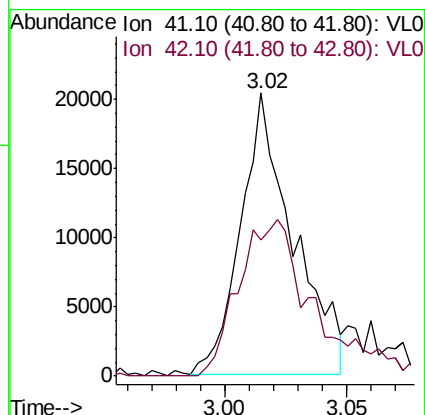
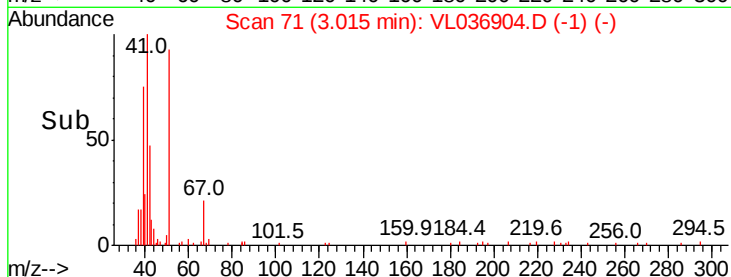
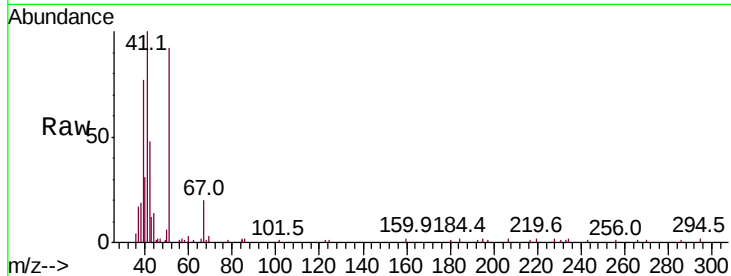
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 15:27

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



#10

Heptane

Concen: 0.335 ppbv m

RT: 8.13 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VL036904.D

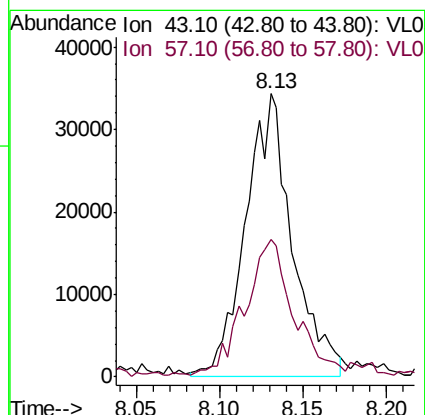
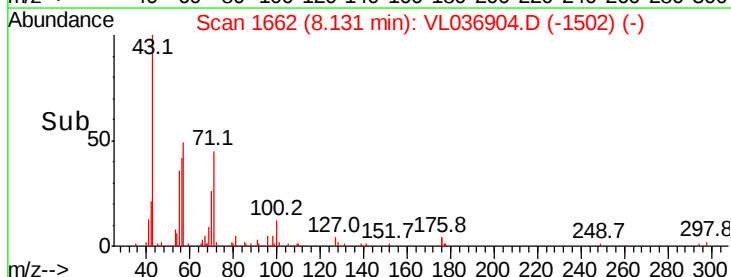
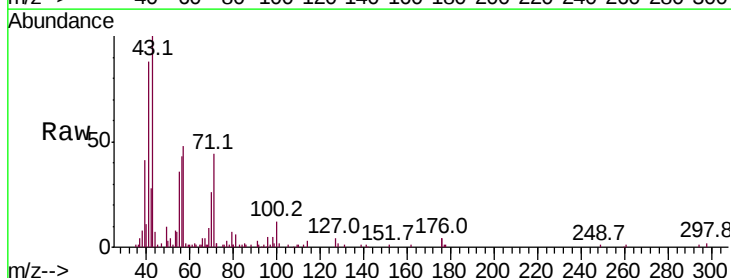
Acq: 6 May 2021 15:27

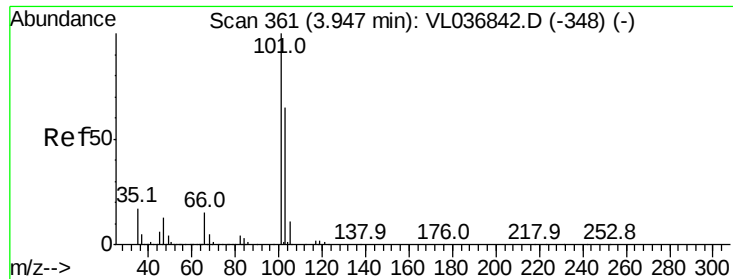
Tgt Ion: 43 Resp: 67365

Ion Ratio Lower Upper

43 100

57 52.0 38.8 58.2



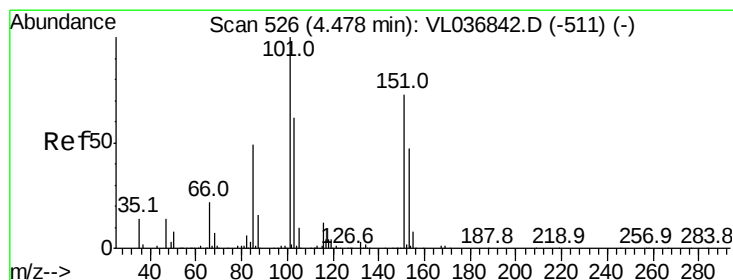
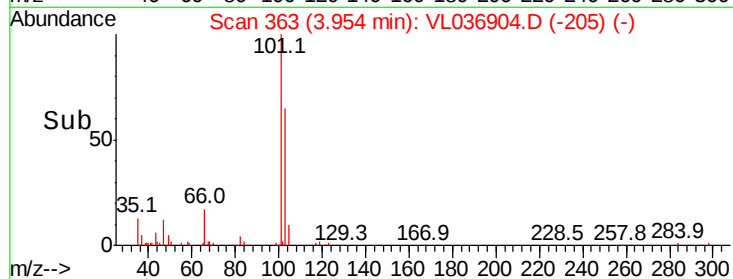
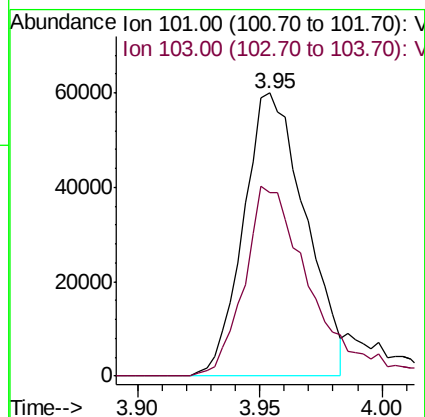
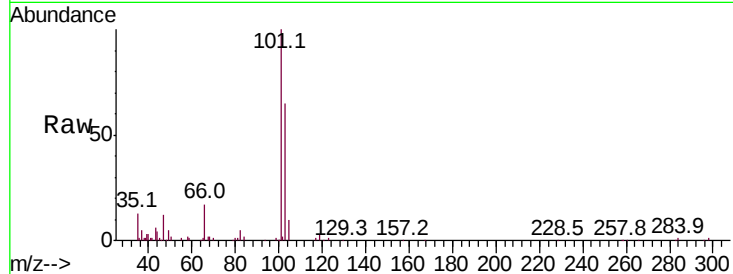


#11
 Trichlorofluoromethane
 Concen: 0.522 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2021
 Acq: 6 May 2021 15:27

Tot Ion:1
 Ion Rati
 101 100
 103 64.

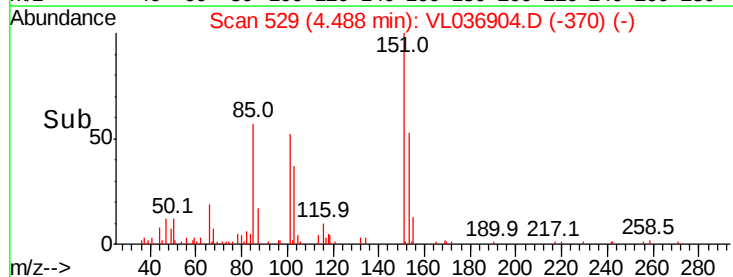
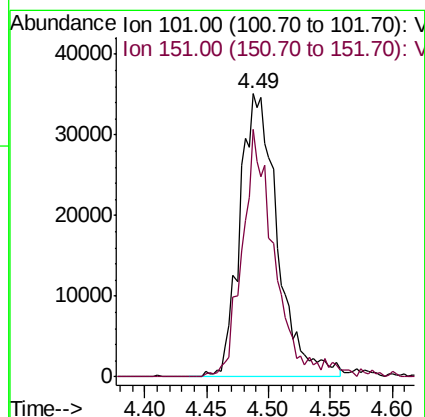
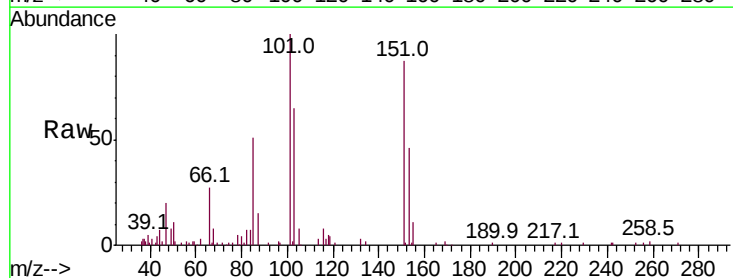
Manual Integrations
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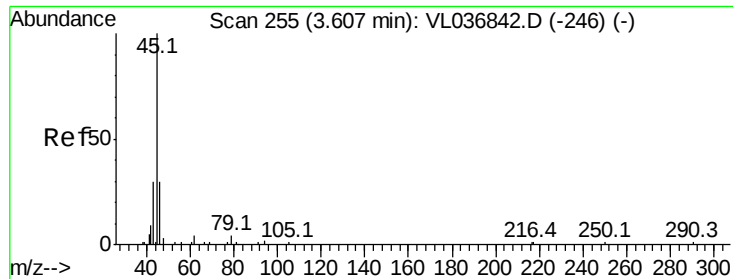
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.549 ppbv m
 RT: 4.49 min Scan# 529
 Delta R.T. 0.01 min
 Lab File: VL036904.D
 Acq: 6 May 2021 15:27

Tgt Ion:101 Resp: 74344
 Ion Ratio Lower Upper
 101 100
 151 76.6 61.1 91.7





#13

Ethanol

Concen: 0.443 ppbv m

RT: 3.64 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 15:27 LOD-MDL-AIR-01-QT2-2021

Tot Ion:

Ion Ratio

45 100

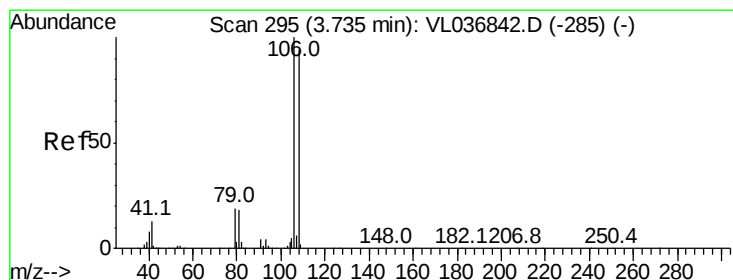
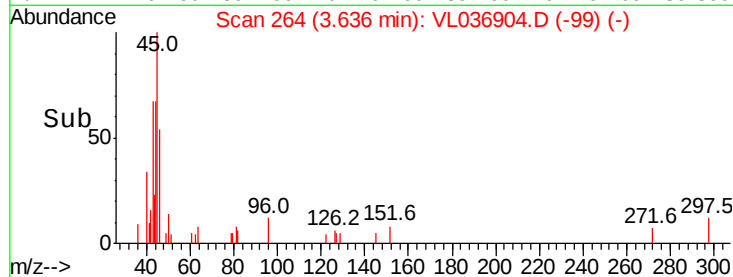
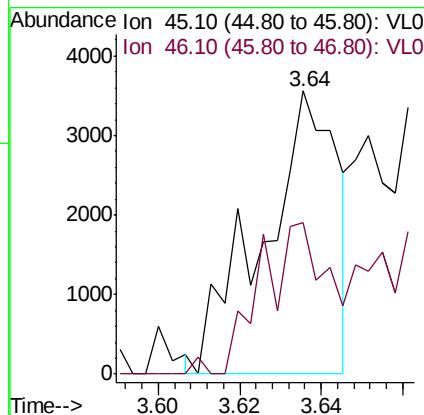
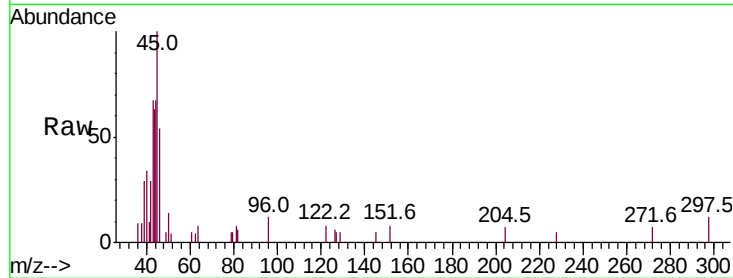
46 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#14

Bromoethene

Concen: 0.463 ppbv m

RT: 3.75 min Scan# 299

Delta R.T. 0.01 min

Lab File: VL036904.D

Acq: 6 May 2021 15:27

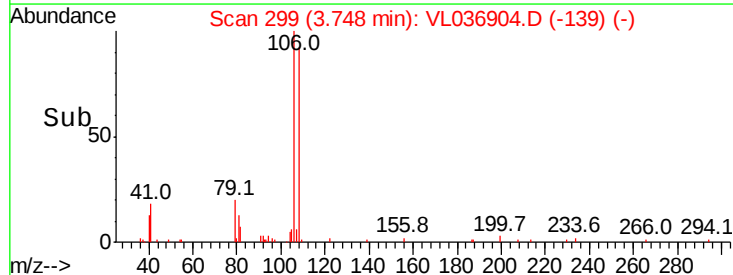
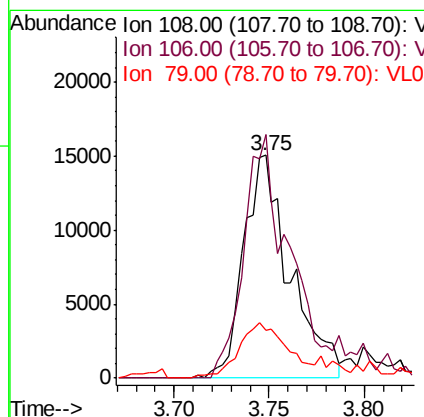
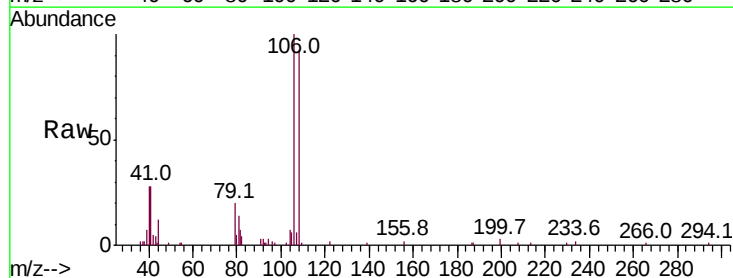
Tgt Ion:108 Resp: 25615

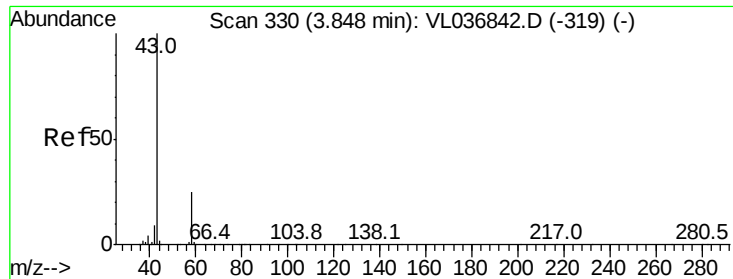
Ion Ratio Lower Upper

108 100

106 122.4 88.5 132.7

79 35.7 17.9 26.9#





#15

Acetone

Concen: 0.612 ppbv m

RT: 3.88

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 15:27

Tot Ion:

Ion Ratio

43 100

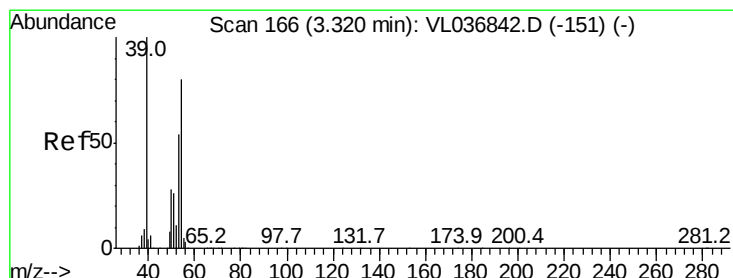
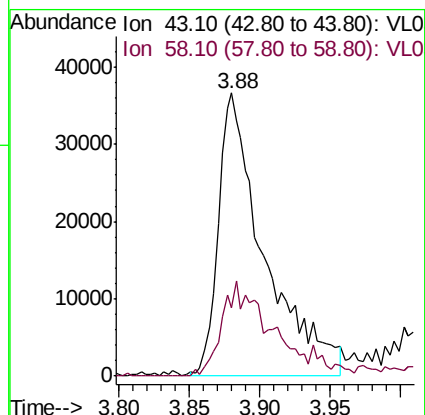
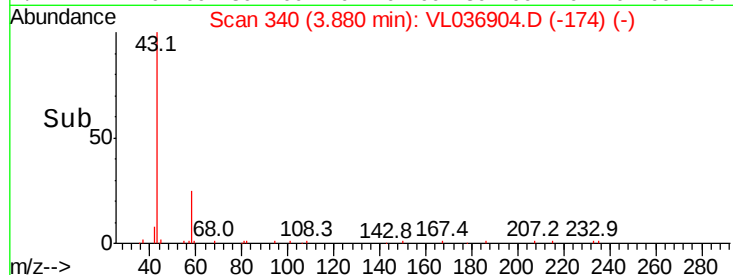
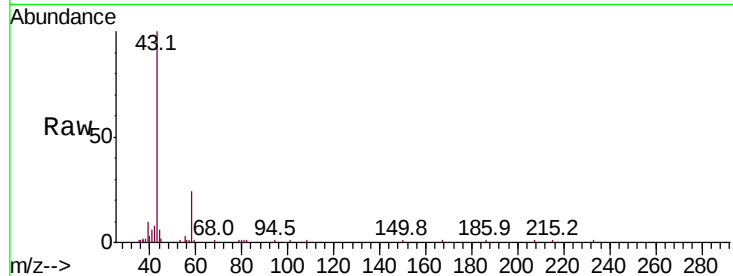
58 40.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#16

1,3-Butadiene

Concen: 0.392 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.01 min

Lab File: VL036904.D

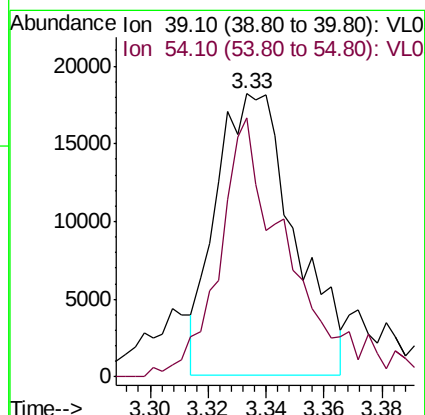
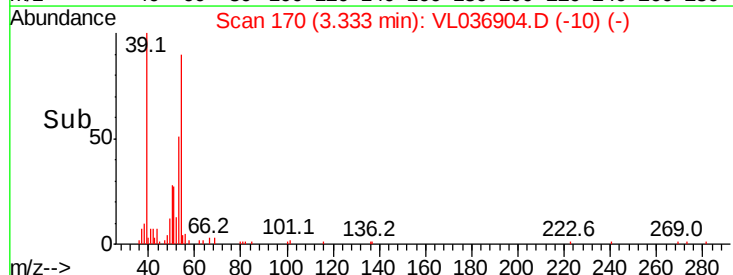
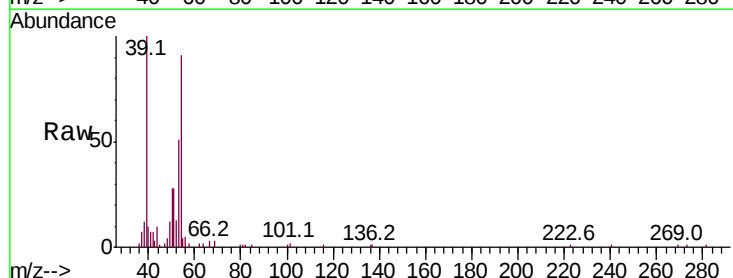
Acq: 6 May 2021 15:27

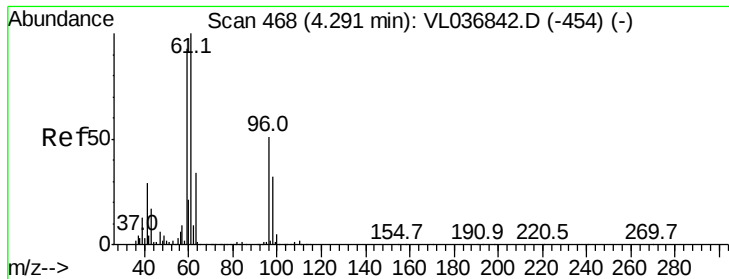
Tgt Ion: 39 Resp: 33998

Ion Ratio Lower Upper

39 100

54 87.2 59.6 89.4





#17

tert-Butyl alcohol

Concen: 0.454 ppbv m

RT: 4.35 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 6 May 2021 15:27 LOD-MDL-AIR-01-QT2-2021

Tot Ion:

Ion Ratio

59 100

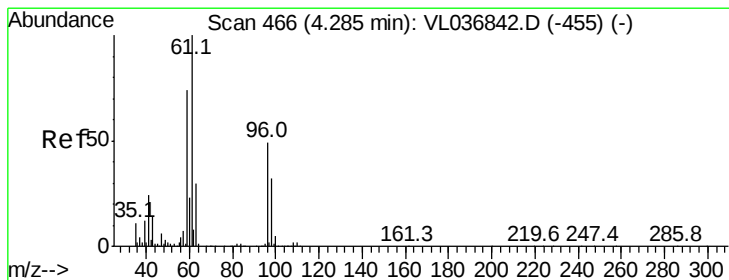
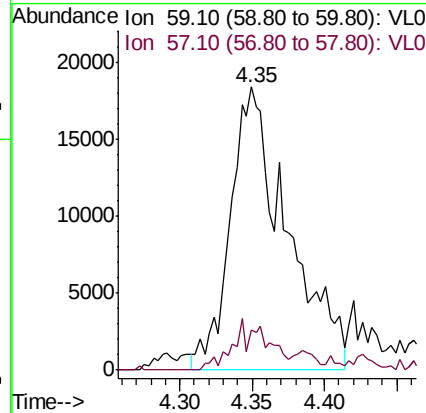
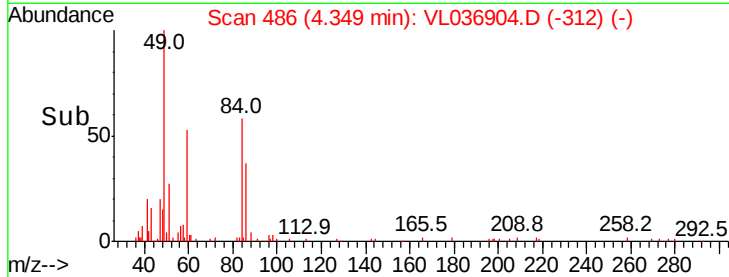
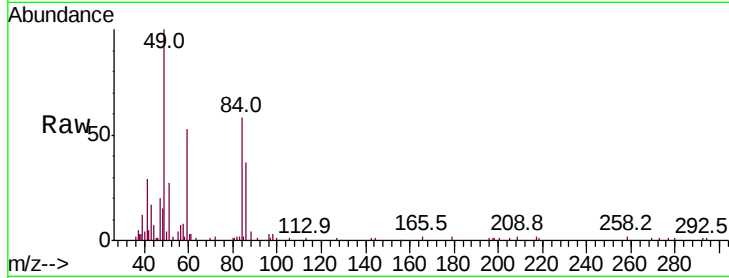
57 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#18

1,1-Dichloroethene

Concen: 0.461 ppbv m

RT: 4.30 min Scan# 470

Delta R.T. 0.01 min

Lab File: VL036904.D

Acq: 6 May 2021 15:27

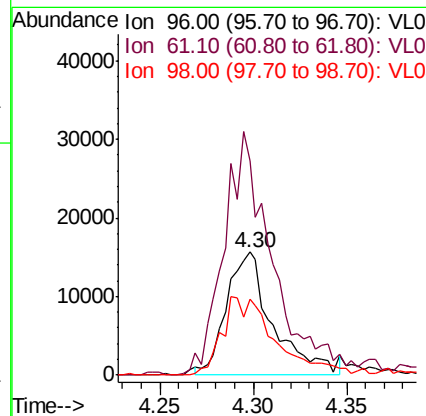
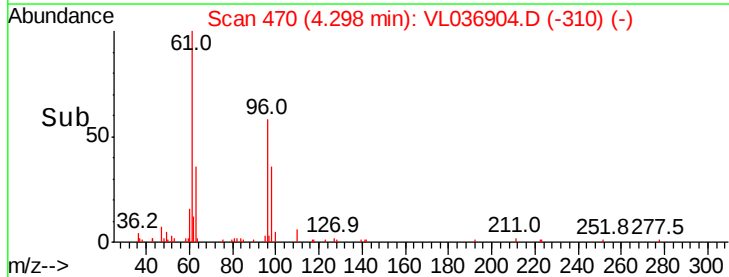
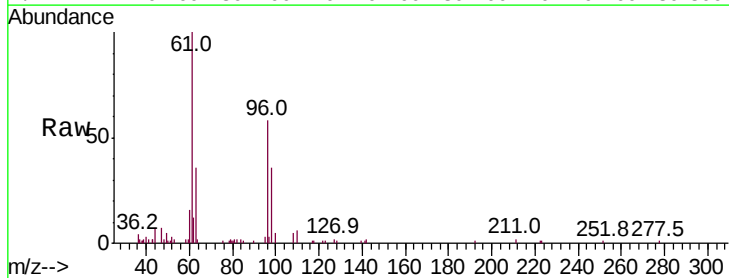
Tgt Ion: 96 Resp: 27125

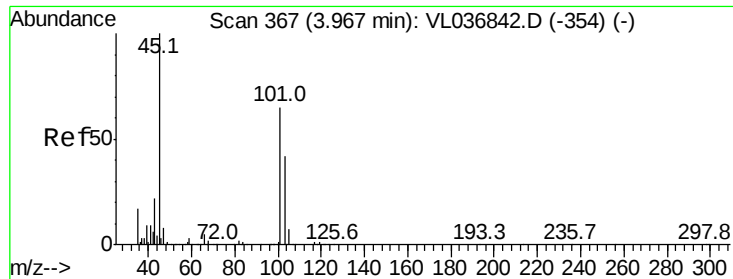
Ion Ratio Lower Upper

96 100

61 173.6 162.2 243.2

98 62.0 51.8 77.6





#19

Isopropyl Alcohol

Concen: 0.601 ppbv m

RT: 4.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 15:27

Tot Ion:

Ion Ratio

45 100

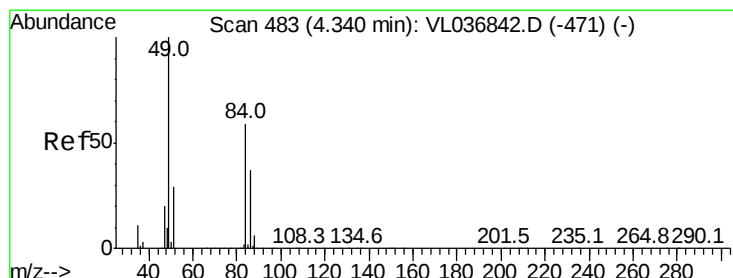
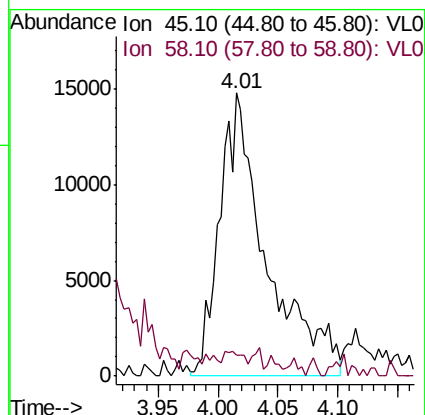
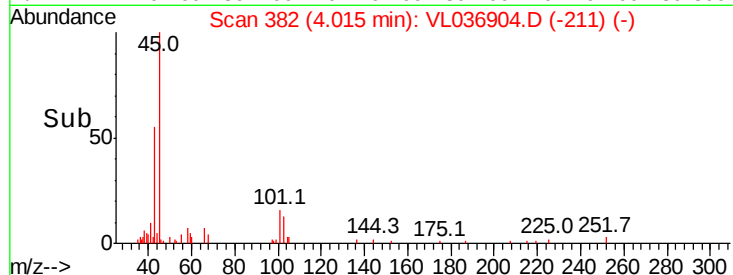
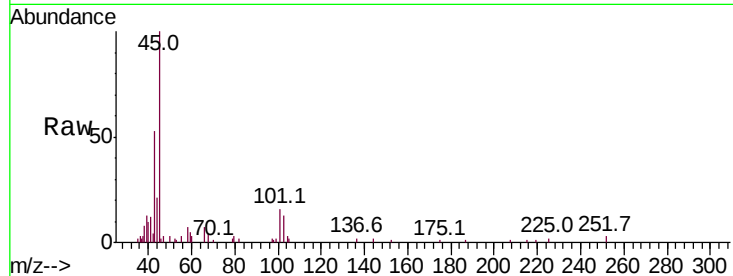
58 0.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#20

Methylene Chloride

Concen: 0.631 ppbv m

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036904.D

Acq: 6 May 2021 15:27

Tgt Ion: 84 Resp: 40895

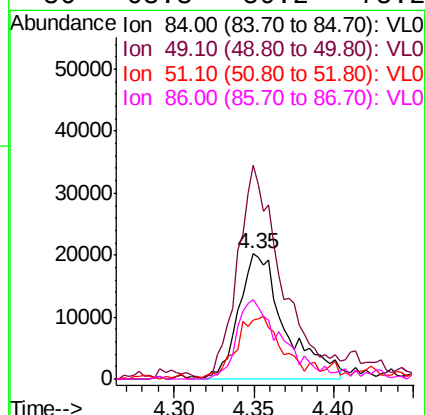
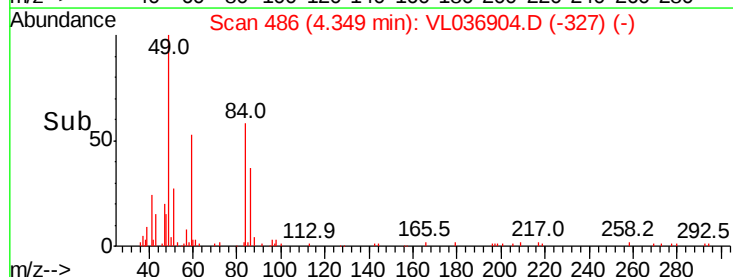
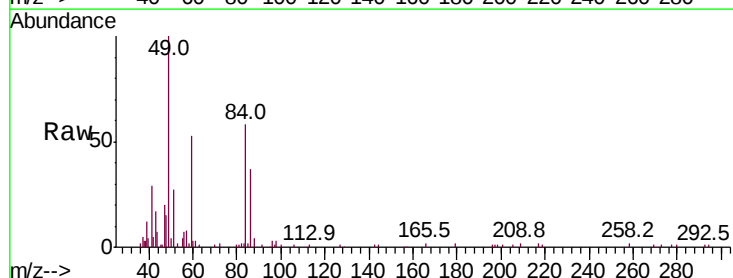
Ion Ratio Lower Upper

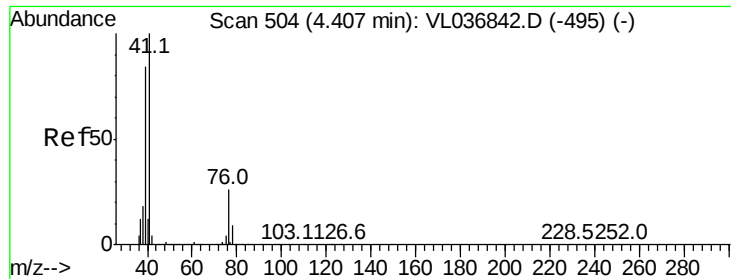
84 100

49 171.0 135.4 203.0

51 46.8 39.3 58.9

86 63.3 50.2 75.2



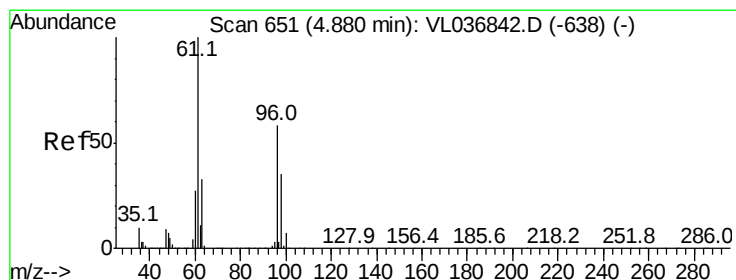
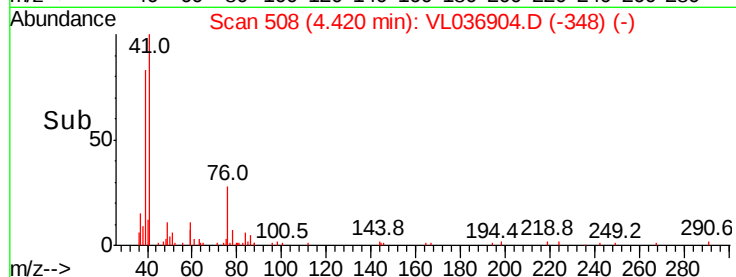
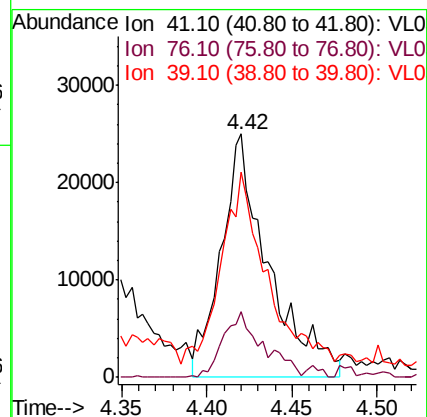
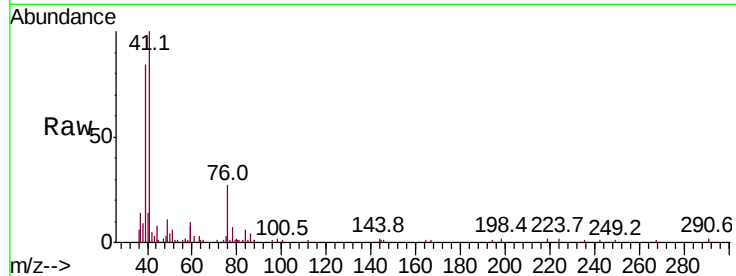


#21
 Allvl Chloride
 Concen: 0.482 ppbv m
 RT: 4.42
 Instrument: MSVOA_1
 Delta R.T.
 Lab File: ClientSampleId :
 LOD-MDL-AIR-01-QT2-2021
 Acq: 6 May 2021 15:27

Tot Ion:
 Ion Rati
 41 100
 76 23.
 39 93.

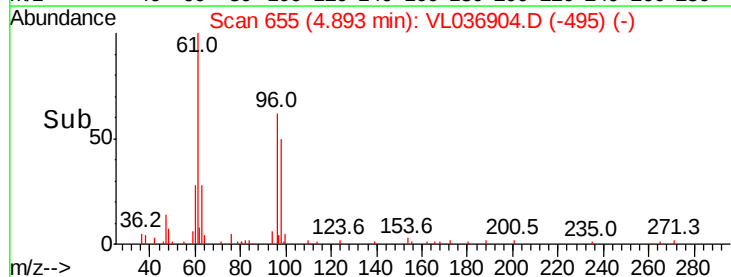
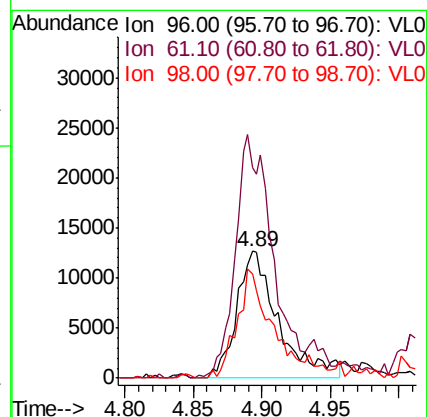
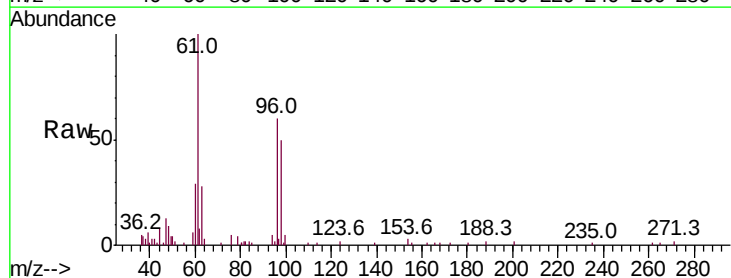
Manual Integrations
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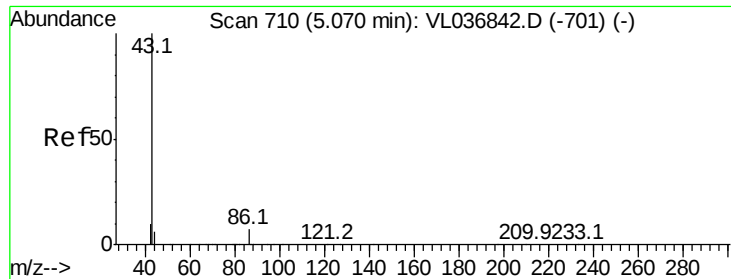
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#22
 trans-1,2-Dichloroethene
 Concen: 0.454 ppbv m
 RT: 4.89 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VL036904.D
 Acq: 6 May 2021 15:27

Tgt Ion: 96 Resp: 26832
 Ion Ratio Lower Upper
 96 100
 61 165.9 138.6 207.8
 98 82.2 48.1 72.1#





#23

Vinyl Acetate

Concen: 0.401 ppbv m

RT: 5.10

Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId

Acq: 6 May 2021 15:27

Tot Ion: 43.10 (42.80 to 43.80): VL0

Ion Ratio: 43 100

86 4.1

42 11.1

44 18.2

3.9

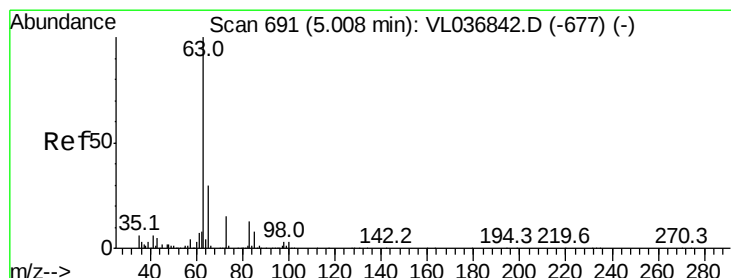
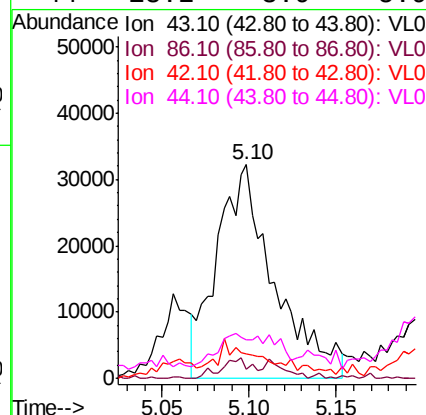
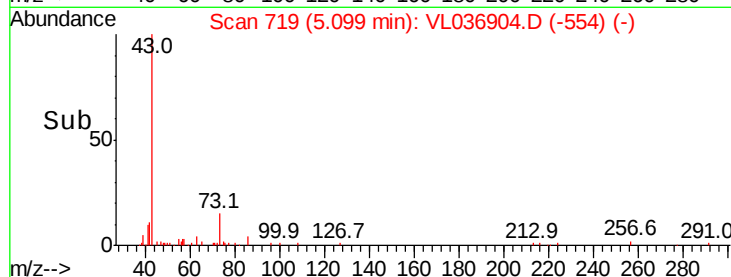
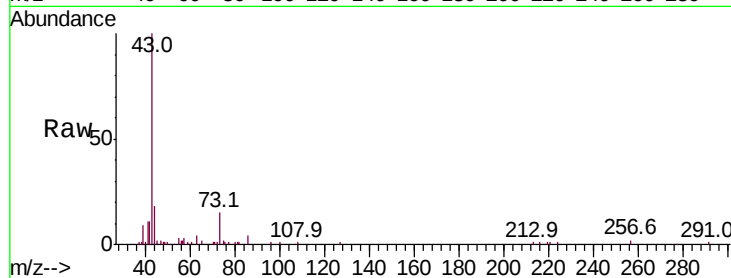
5.9#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#24

1,1-Dichloroethane

Concen: 0.595 ppbv

RT: 5.02 min Scan# 695

Delta R.T. 0.01 min

Lab File: VL036904.D

Acq: 6 May 2021 15:27

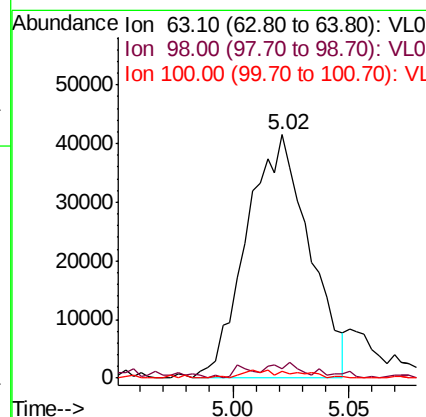
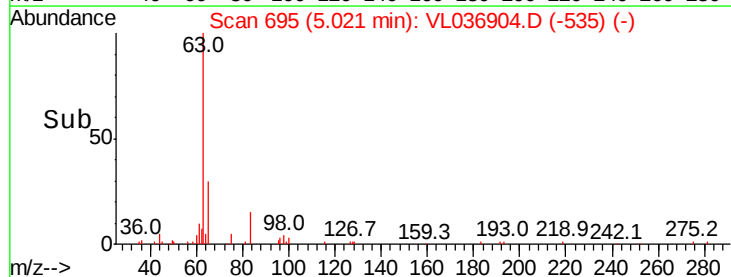
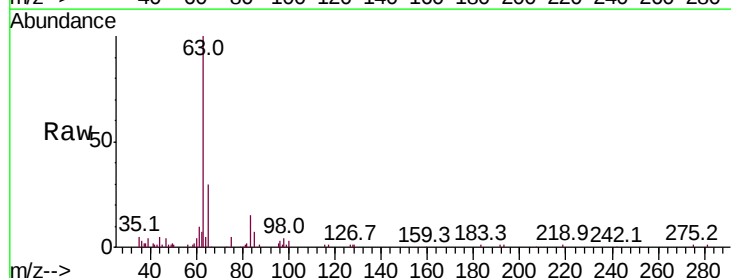
Tgt Ion: 63 Resp: 77883

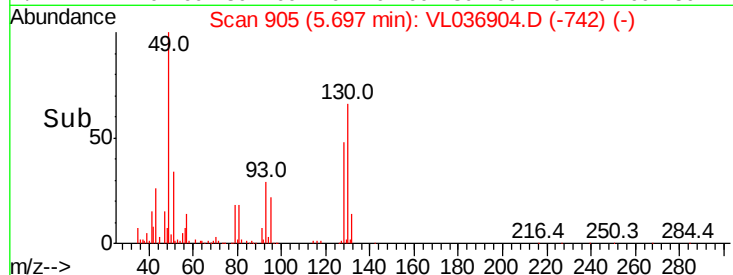
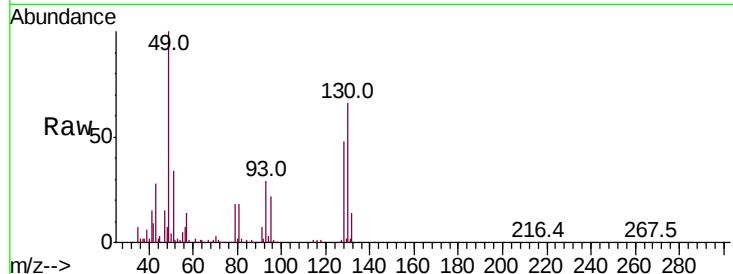
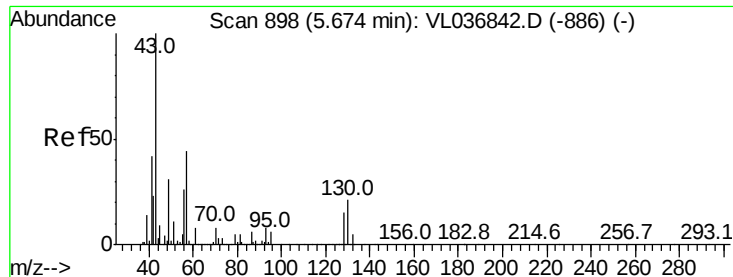
Ion Ratio Lower Upper

63 100

98 2.0 1.7 5.1

100 2.9 1.3 3.8



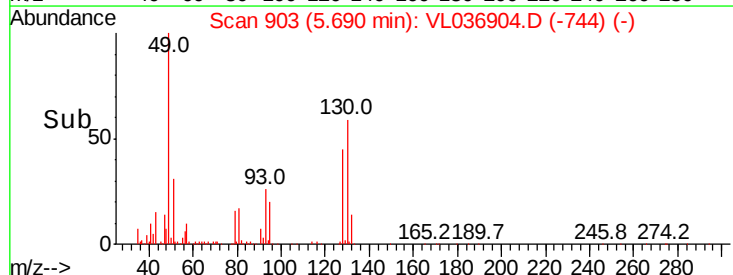
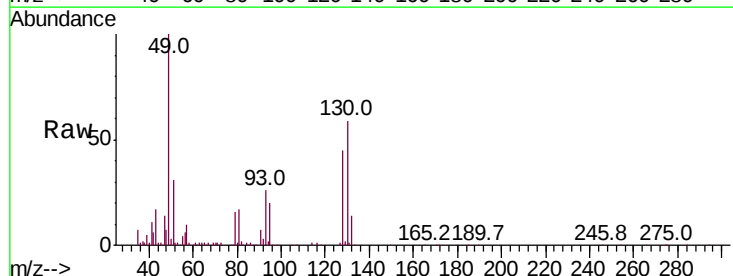
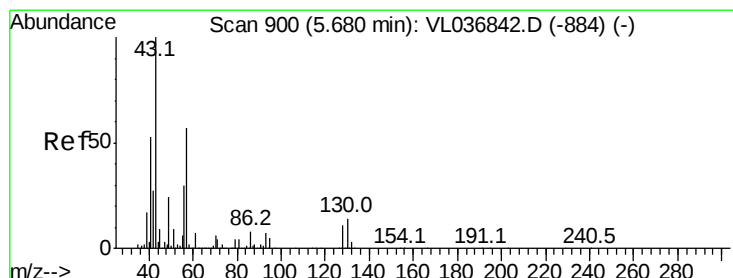
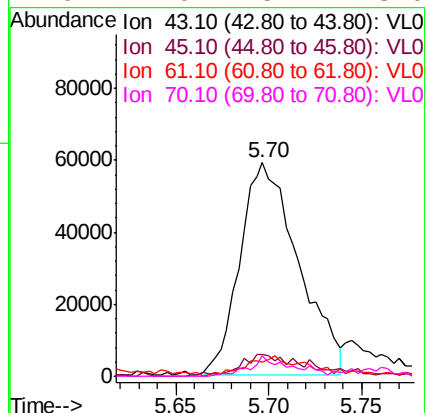


#25
Ethyl Acetate
Concen: 0.393 ppbv
RT: 5.70
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 May 2021 15:27
LOD-MDL-AIR-01-QT2-2021

Tot Ion:
Ion Ratio
43 100
45 12.
61 11.
70 7.0 5.4 8.0

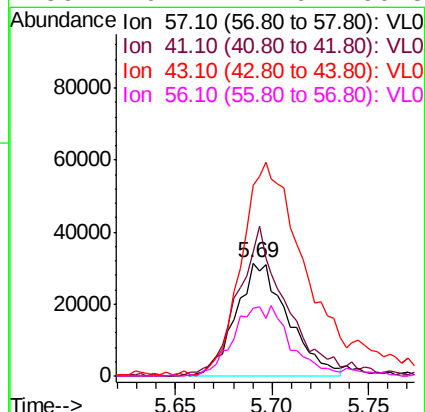
Manual Integrations
APPROVED

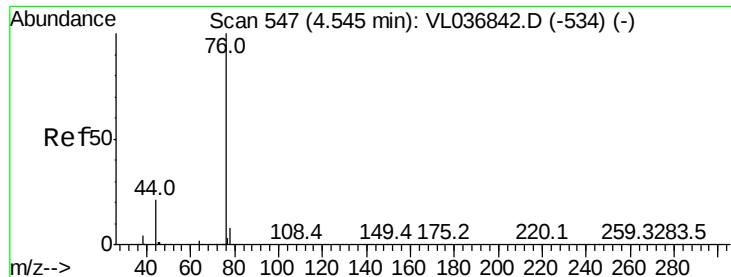
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#26
Hexane
Concen: 0.379 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 57 Resp: 58787
Ion Ratio Lower Upper
57 100
41 129.1 77.7 116.5#
43 256.9 180.5 270.7
56 70.2 44.6 66.8#





#27

Carbon Disulfide

Concen: 0.418 ppbv

RT: 4.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 15:27

Tot Ion:

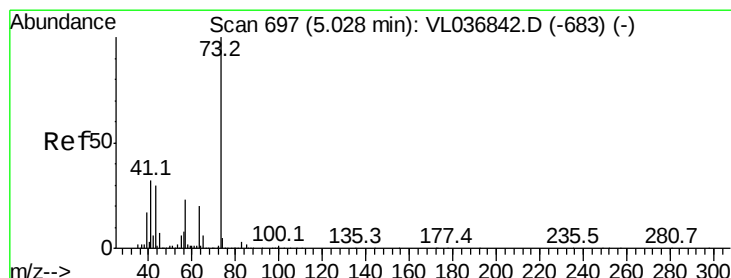
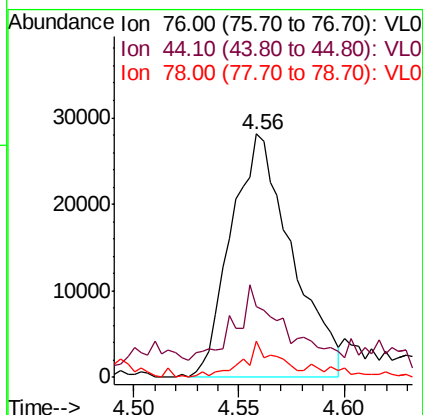
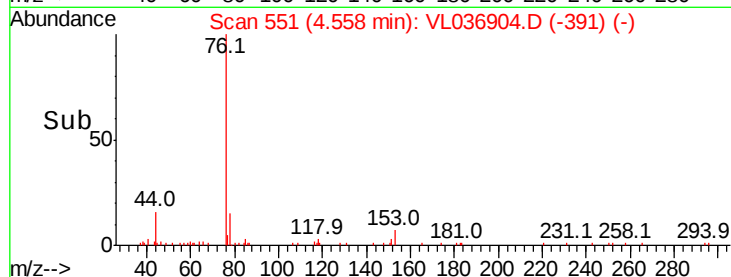
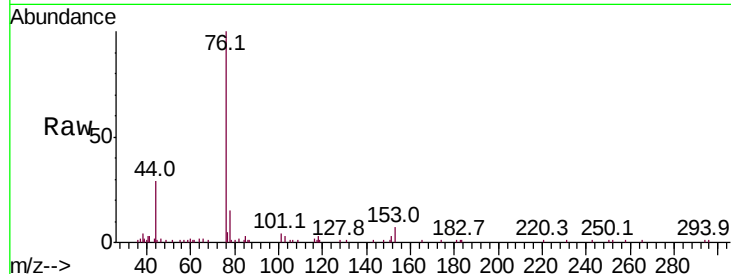
Ion	Ratio
76	100
44	42.
78	11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#28

Methyl tert-Butyl Ether

Concen: 0.461 ppbv m

RT: 5.06 min Scan# 708

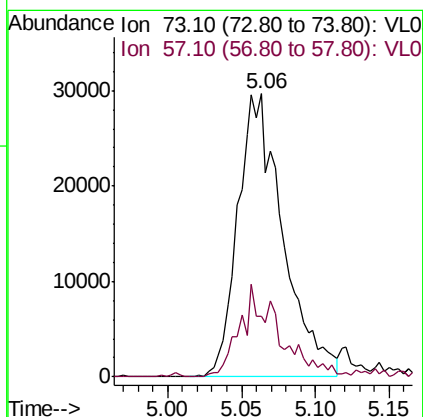
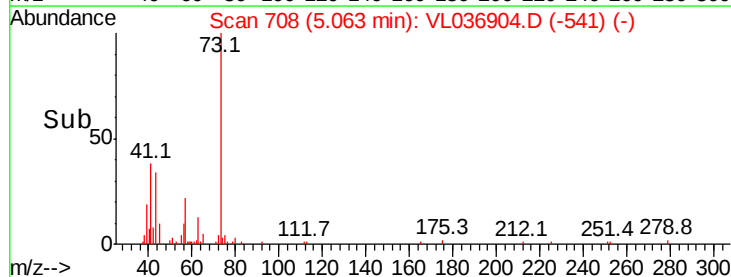
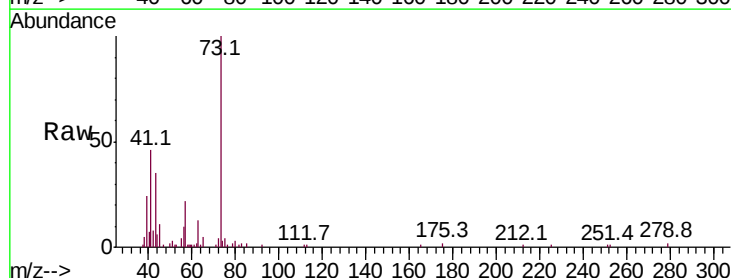
Delta R.T. 0.04 min

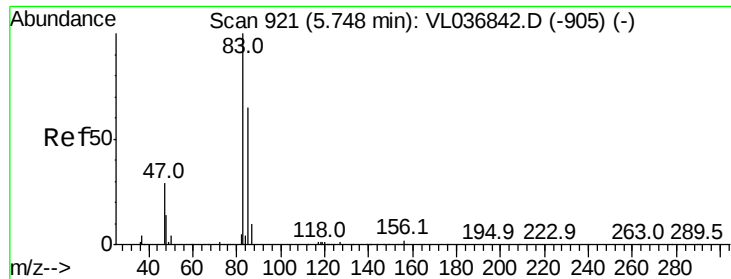
Lab File: VL036904.D

Acq: 6 May 2021 15:27

Tgt Ion: 73 Resp: 63293

Ion	Ratio	Lower	Upper
73	100		
57	28.0	19.0	28.6



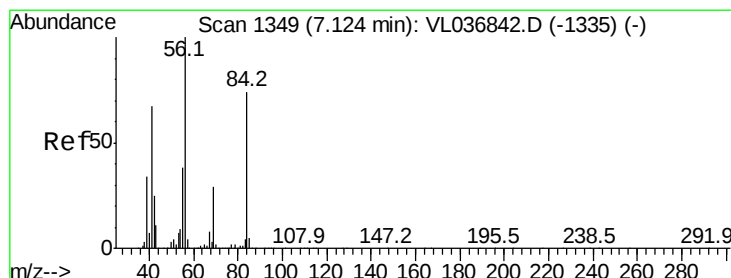
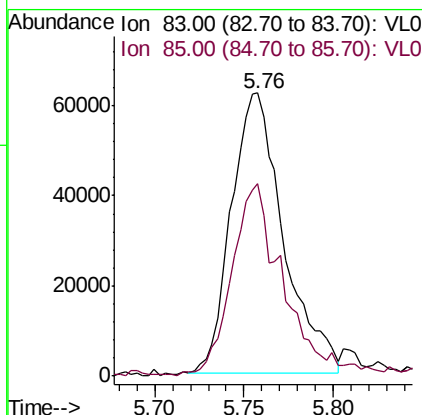
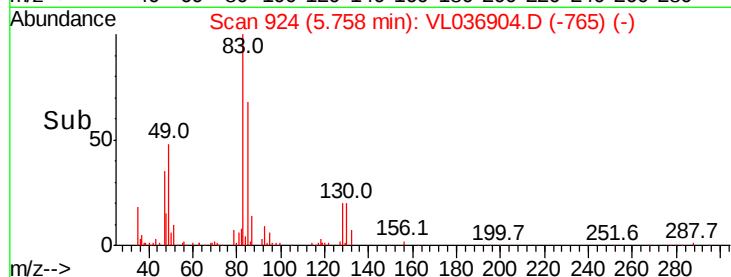
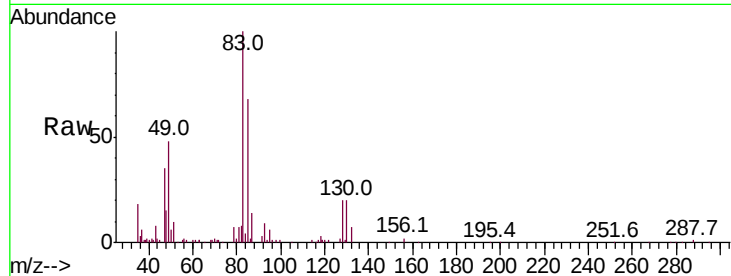


#29
Chloroform
Concen: 0.528 ppbv
RT: 5.76
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
Acq: 6 May 2021 15:27

Tot Ion:
Ion Ratio
83 100
85 67.

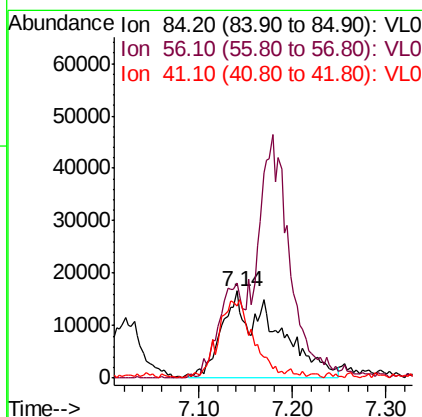
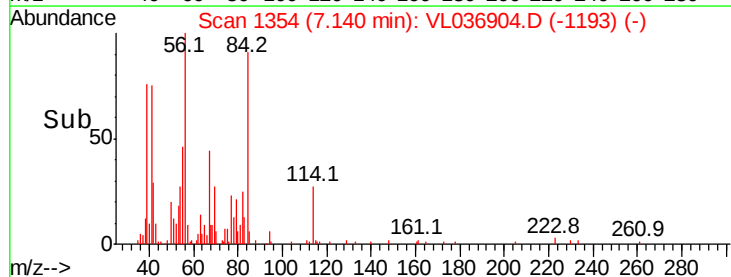
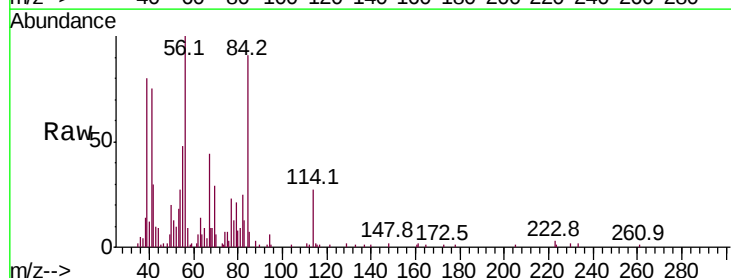
Manual Integrations
APPROVED

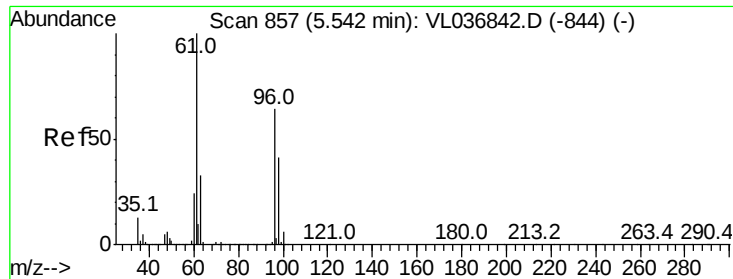
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#30
Cyclohexane
Concen: 0.542 ppbv m
RT: 7.14 min Scan# 1354
Delta R.T. 0.02 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 84 Resp: 66623
Ion Ratio Lower Upper
84 100
56 0.0 115.8 173.6#
41 58.4 74.6 111.8#



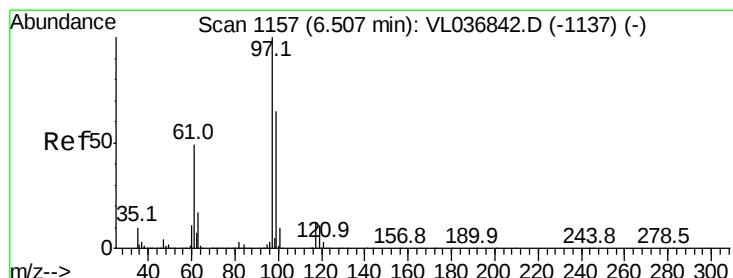
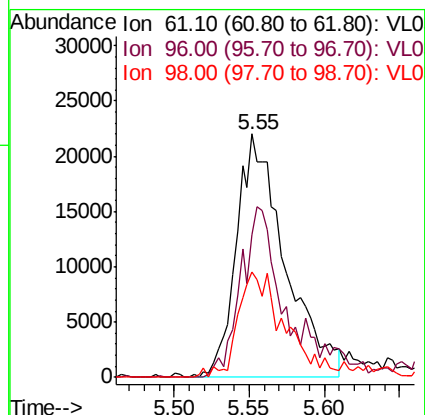
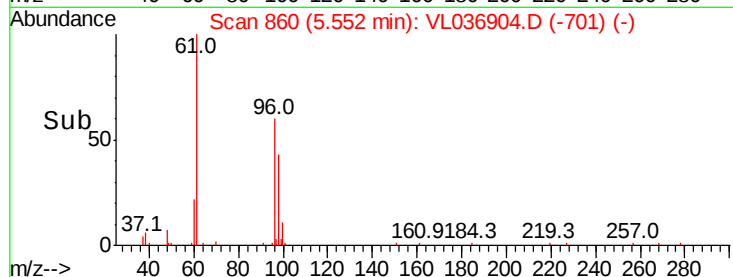
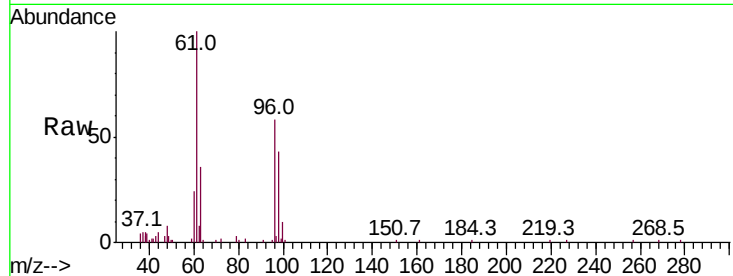


#31
 cis-1,2-Dichloroethene
 Concen: 0.355 ppbv m
 RT: 5.55
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: LOD-MDL-AIR-01-QT2-2021
 Acq: 6 May 2021 15:27

Tot Ion:
 Ion Ratio
 61 100
 96 58.
 98 43.

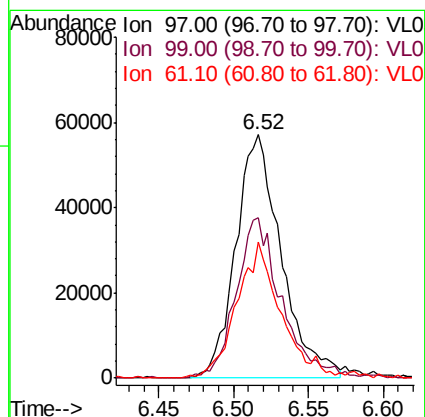
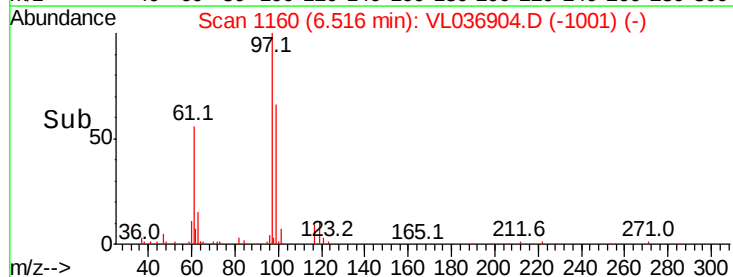
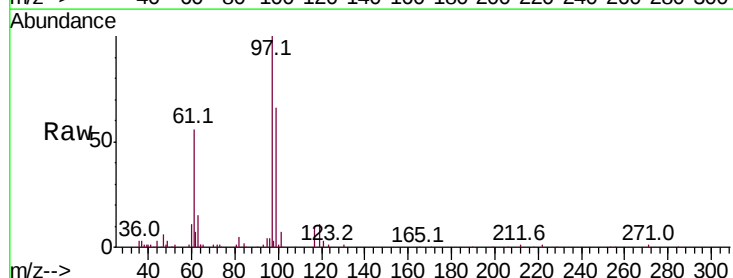
Manual Integrations
 APPROVED

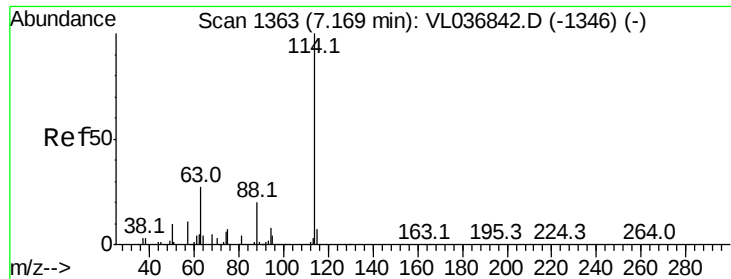
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#32
 1,1,1-Trichloroethane
 Concen: 0.492 ppbv
 RT: 6.52 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: VL036904.D
 Acq: 6 May 2021 15:27

Tgt Ion: 97 Resp: 120961
 Ion Ratio Lower Upper
 97 100
 99 66.3 51.8 77.6
 61 55.4 40.8 61.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Instrument: MSVOA_1

Delta R.T.

Client SampleId:

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

Acq: 6 May 2021 15:27

Tot Ion:1

Ion Rati

114 100

63 27.

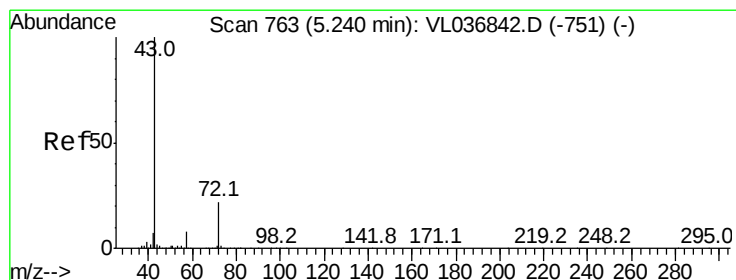
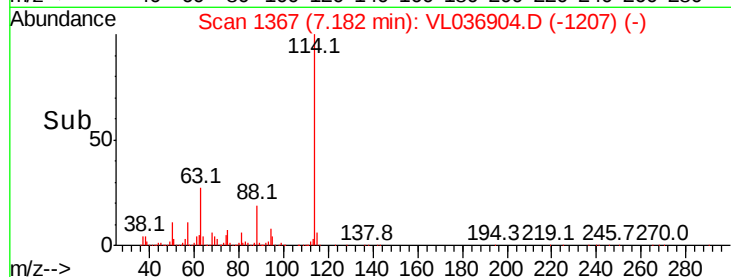
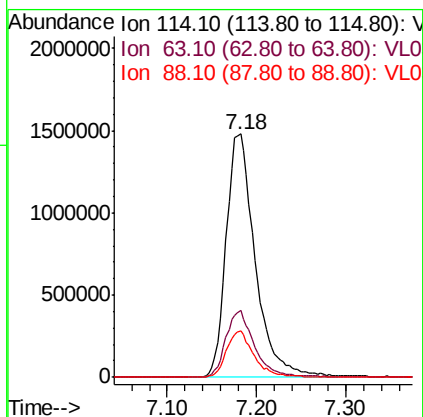
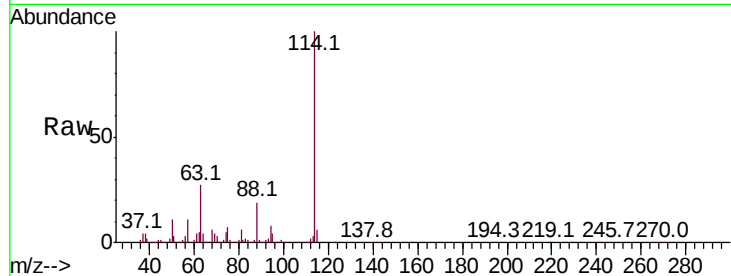
88 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#34

2-Butanone

Concen: 0.314 ppbv

RT: 5.28 min Scan# 774

Delta R.T. 0.04 min

Lab File: VL036904.D

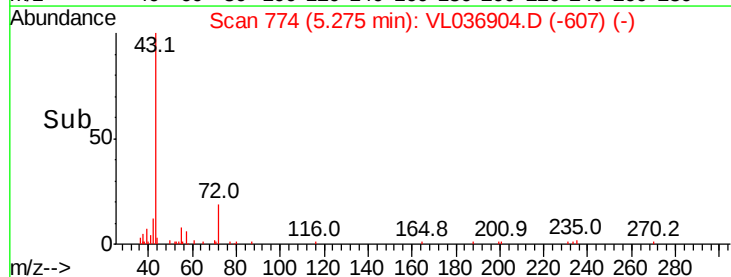
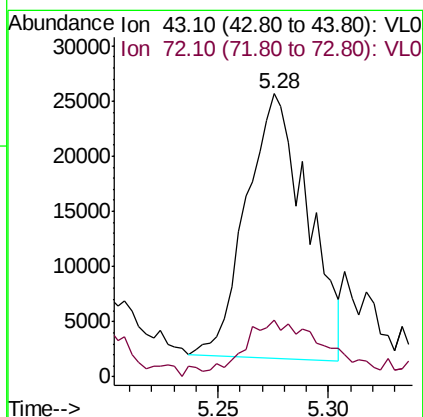
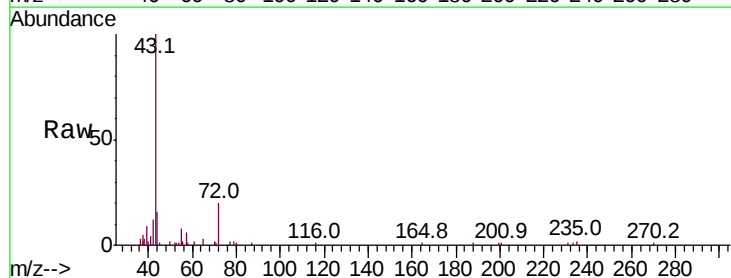
Acq: 6 May 2021 15:27

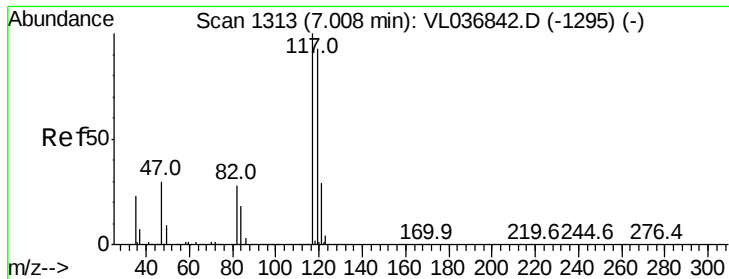
Tgt Ion: 43 Resp: 46049

Ion Ratio Lower Upper

43 100

72 34.1 17.6 26.4#



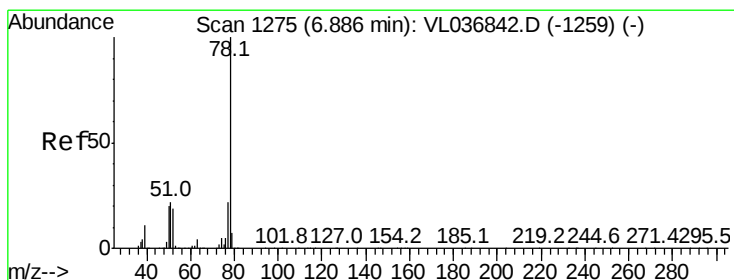
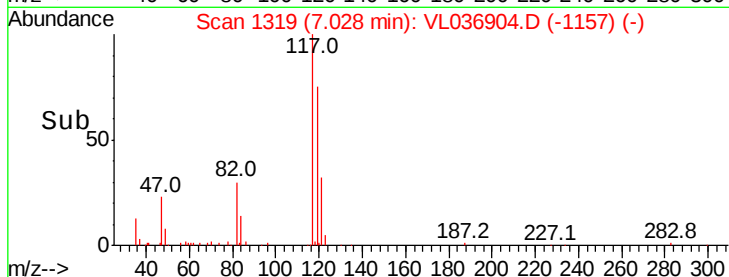
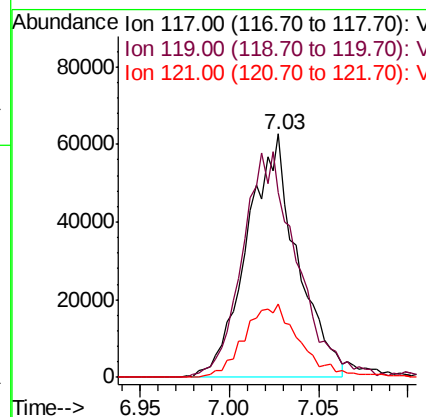
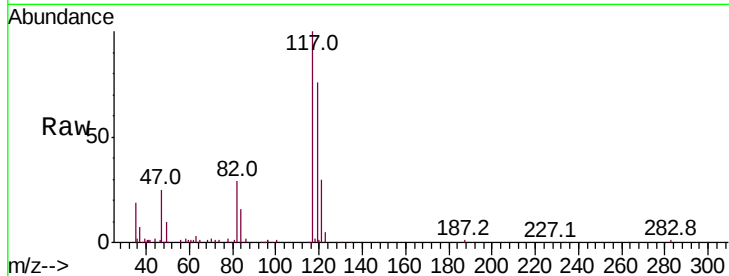


#35
Carbon Tetrachloride
Concen: 0.537 ppbv
RT: 7.03
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
LOD-MDL-AIR-01-QT2-2021
Acq: 6 May 2021 15:27

Tot Ion:1
Ion Rati
117 100
119 74.
121 30.

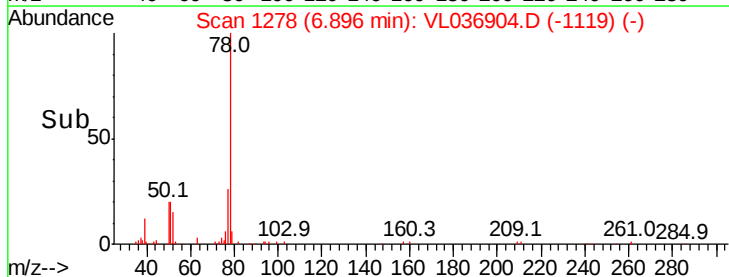
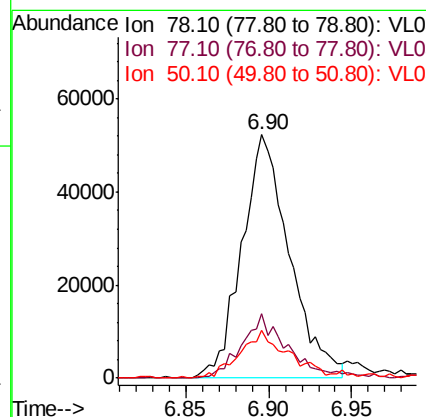
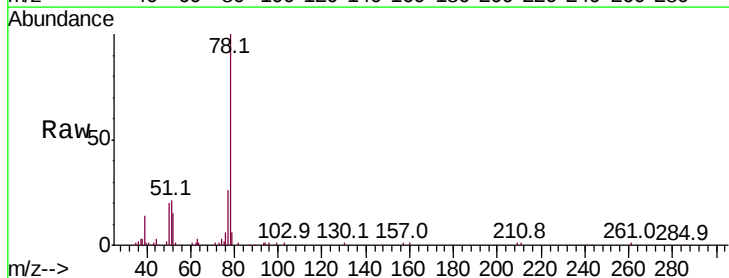
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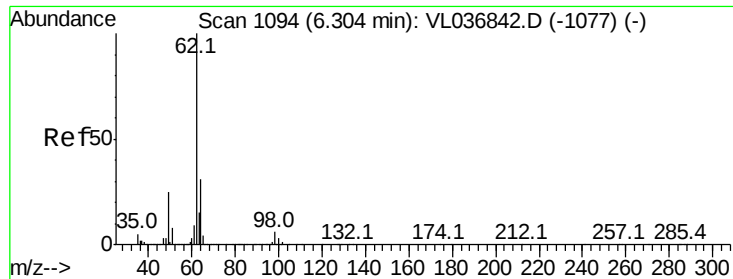
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#36
Benzene
Concen: 0.369 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 78 Resp: 104224
Ion Ratio Lower Upper
78 100
77 26.1 17.6 26.4
50 19.3 16.3 24.5



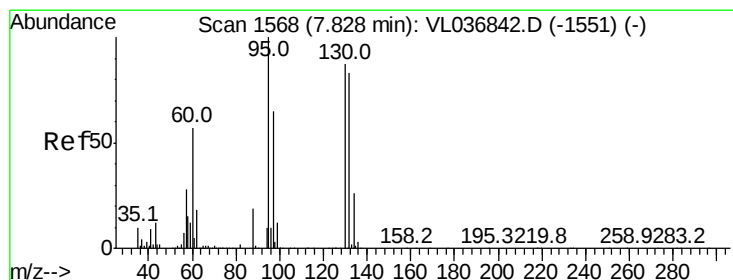
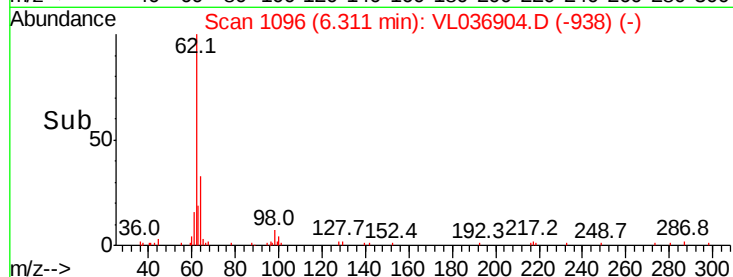
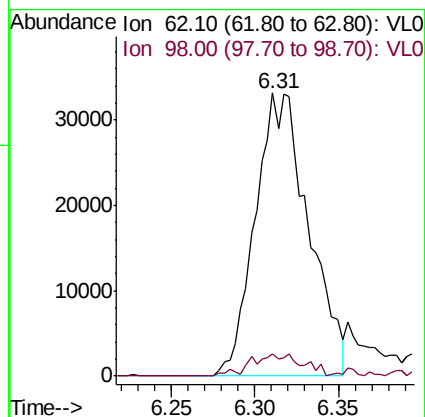
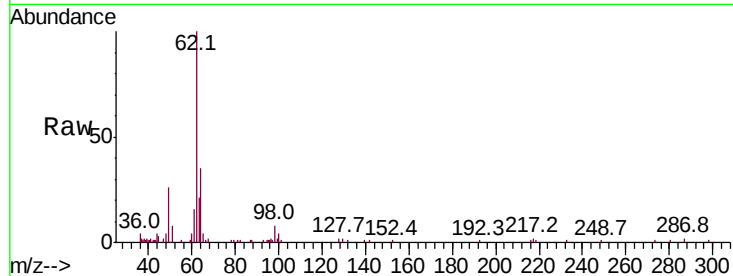


#37
 1,2-Dichloroethane
 Concen: 0.461 ppbv m
 RT: 6.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2021
 Acq: 6 May 2021 15:27

Tot Ion:
 Ion Ratio
 62 100
 98 7.

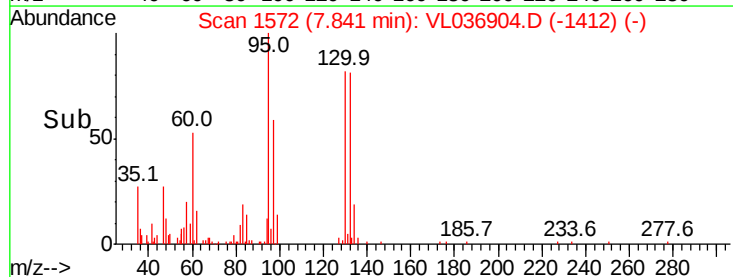
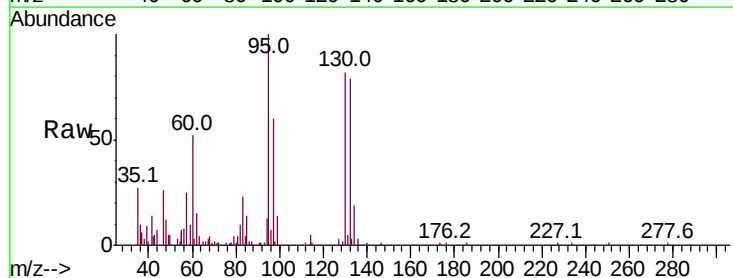
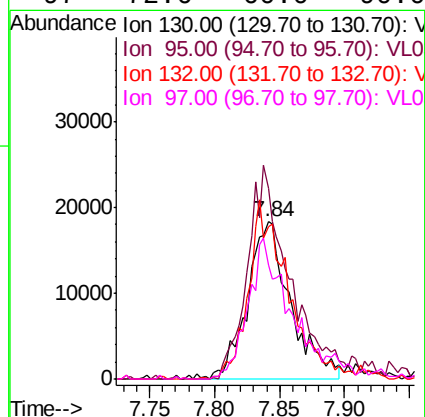
Manual Integrations
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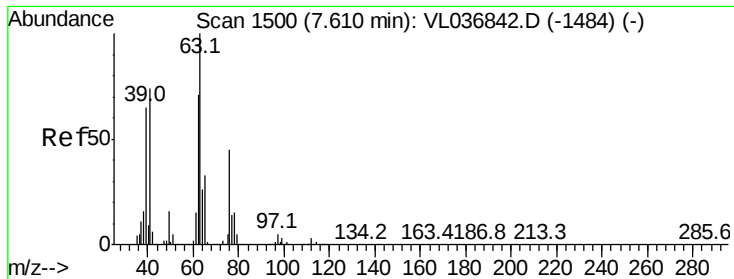
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#38
 Trichloroethene
 Concen: 0.420 ppbv m
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL036904.D
 Acq: 6 May 2021 15:27

Tgt Ion:130 Resp: 42208
 Ion Ratio Lower Upper
 130 100
 95 121.6 92.3 138.5
 132 96.6 76.8 115.2
 97 72.6 60.0 90.0





#39

1,2-Dichloropropane

Concen: 0.522 ppbv m

RT: 7.63 Instrument:

Delta R.T. MSVOA_1

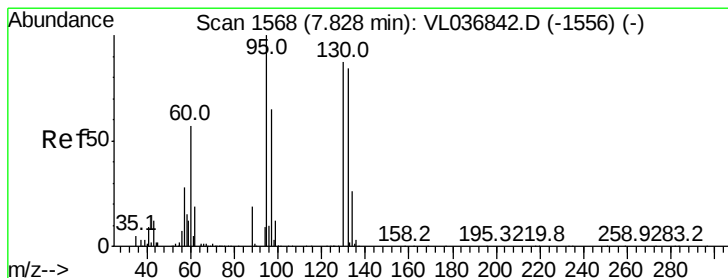
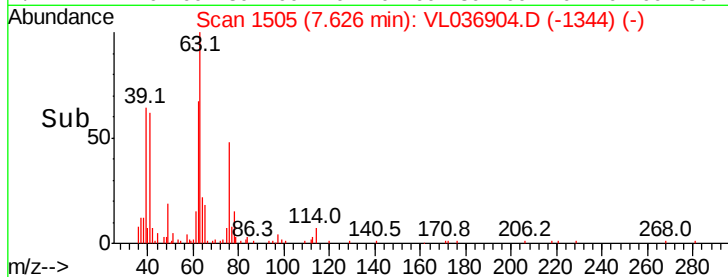
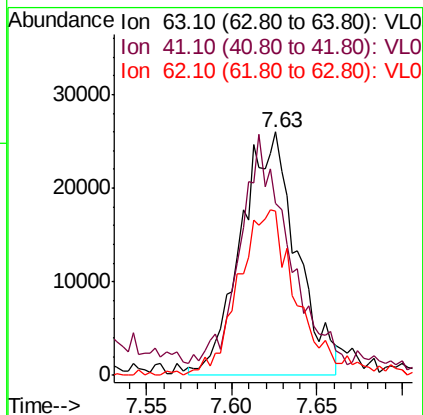
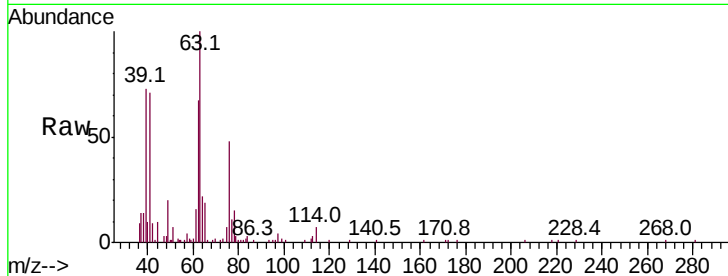
Lab File: ClientSampleId:

Acq: 6 May 2021 15:27 LOD-MDL-AIR-01-QT2-2021

Tot Ion:
Ion Rati
63 100
41 70.
62 67.

Manual Integrations
APPROVED

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



#40

1,4-Dioxane

Concen: 0.349 ppbv m

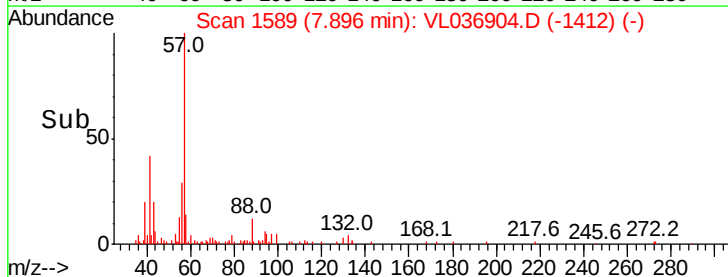
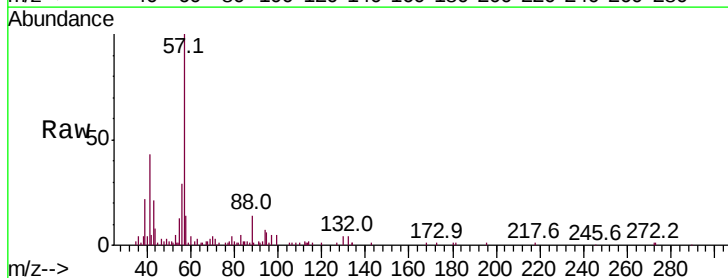
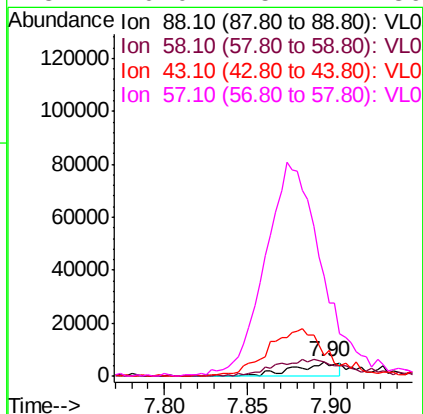
RT: 7.90 min Scan# 1589

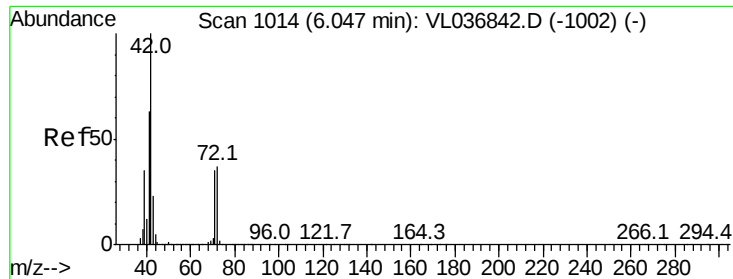
Delta R.T. 0.07 min

Lab File: VL036904.D

Acq: 6 May 2021 15:27

Tgt Ion: 88 Resp: 9548
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: 0.279 ppbv m

RT: 6.09 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 15:27 LOD-MDL-AIR-01-QT2-2021

Tot Ion:

Ion Ratio

42 100

72 1.

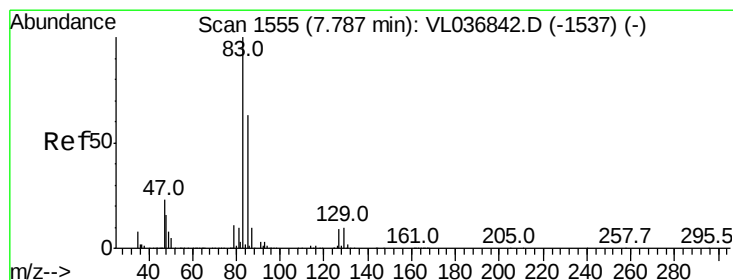
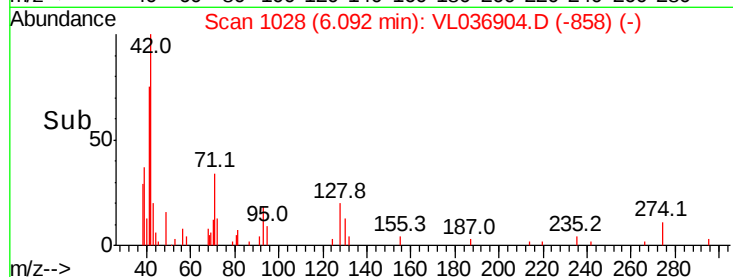
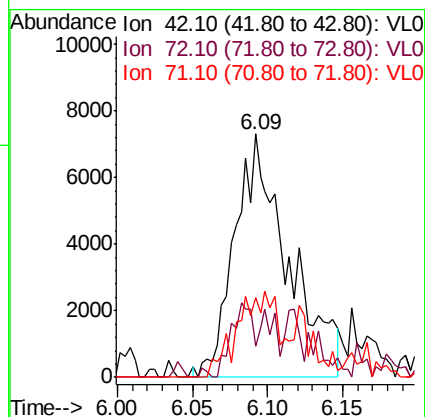
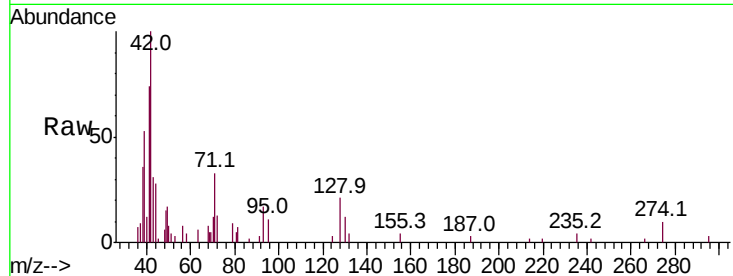
71 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#42

Bromodichloromethane

Concen: 0.539 ppbv m

RT: 7.80 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VL036904.D

Acq: 6 May 2021 15:27

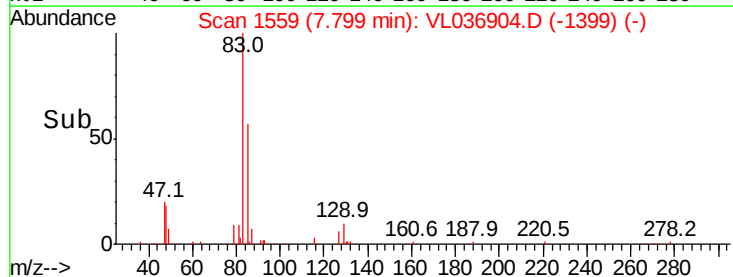
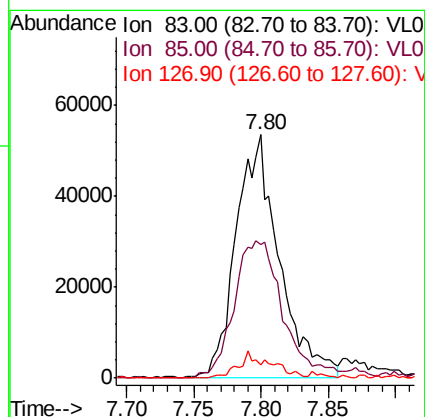
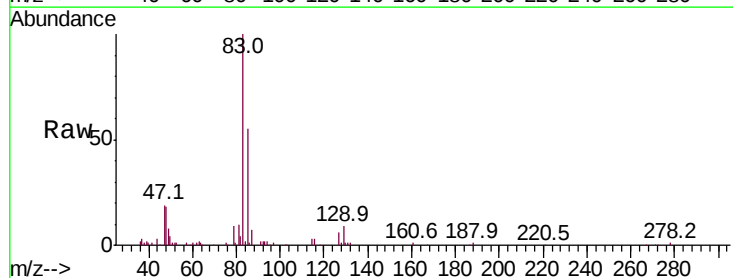
Tgt Ion: 83 Resp: 119686

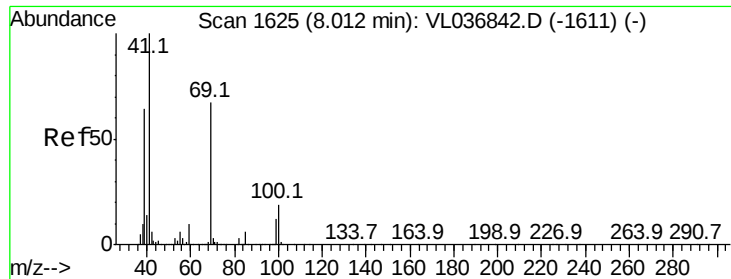
Ion Ratio Lower Upper

83 100

85 54.9 50.4 75.6

127 5.5 6.9 10.3#





#43

Methvl Methacrlate

Concen: 0.303 ppbv m

RT: 8.03 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

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

Acq: 6 May 2021 15:27

Tot Ion:

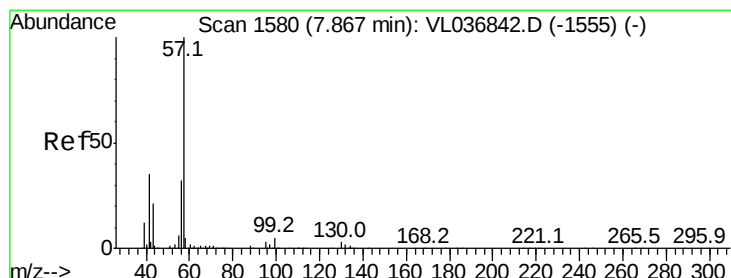
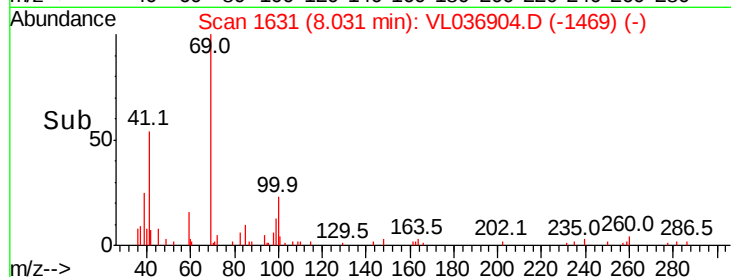
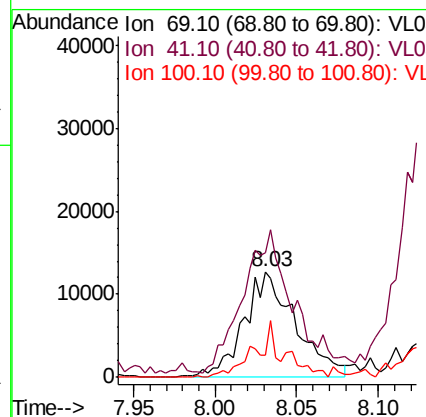
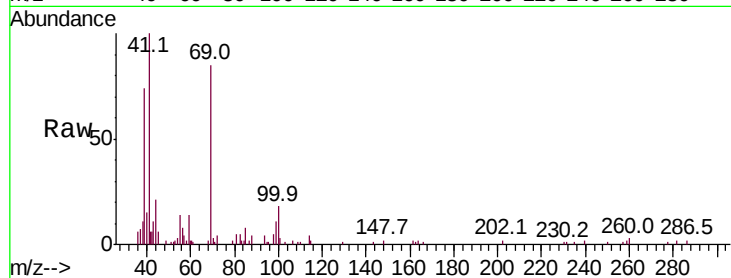
Ion	Ratio
69	100
41	0.
100	0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#44

2,2,4-Trimethylpentane

Concen: 0.387 ppbv

RT: 7.87 min Scan# 1582

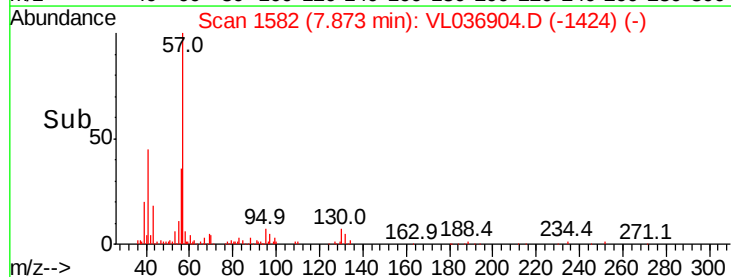
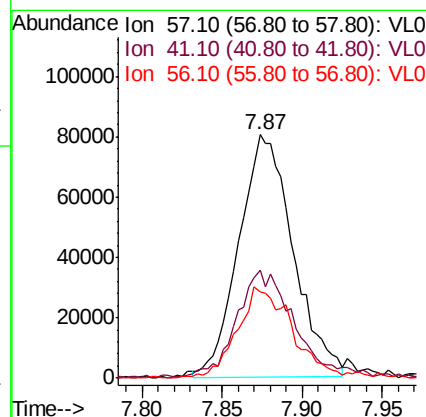
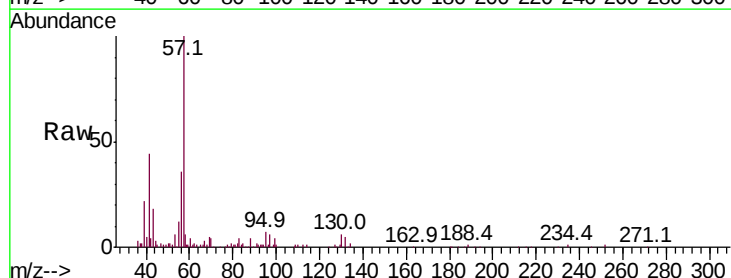
Delta R.T. 0.01 min

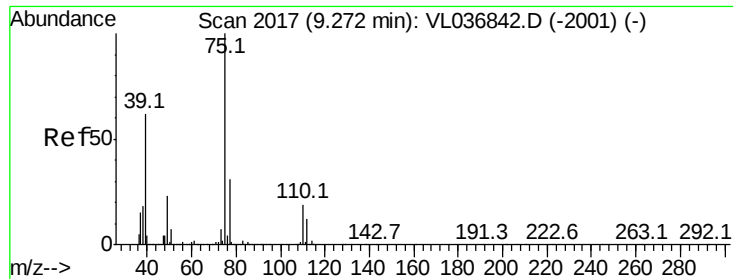
Lab File: VL036904.D

Acq: 6 May 2021 15:27

Tgt Ion: 57 Resp: 187112

Ion	Ratio	Lower	Upper
57	100		
41	48.6	28.2	42.4#
56	39.3	25.9	38.9#





#45

t-1,3-Dichloropropene

Concen: 0.281 ppbv m

RT: 9.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 15:27 LOD-MDL-AIR-01-QT2-2021

Tot Ion:

Ion Ratio

75 100

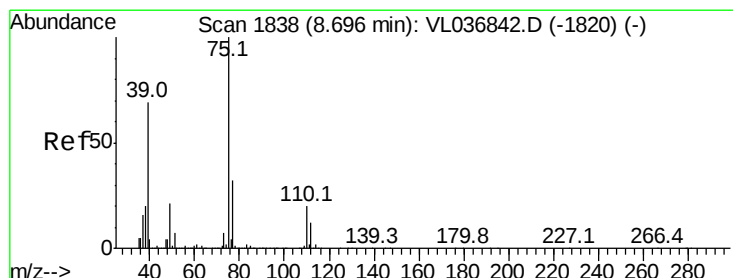
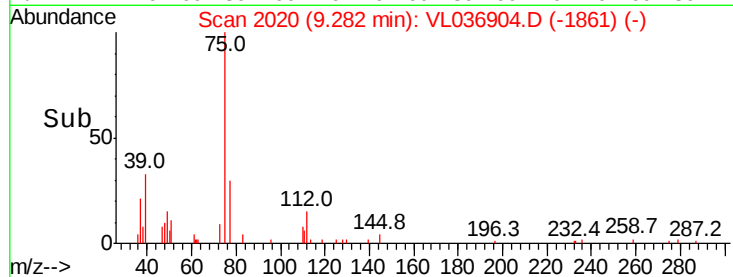
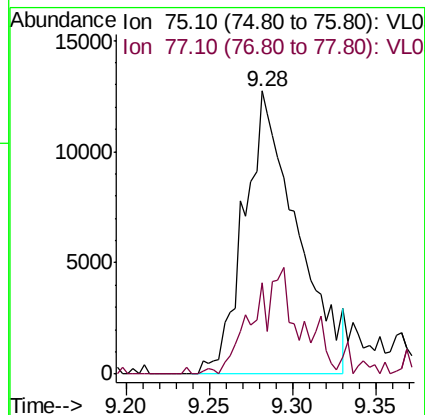
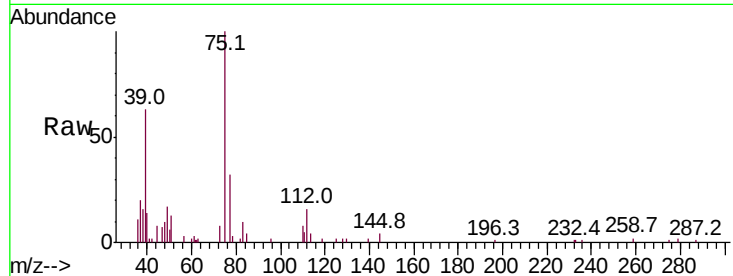
77 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#46

cis-1,3-Dichloropropene

Concen: 0.286 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. 0.01 min

Lab File: VL036904.D

Acq: 6 May 2021 15:27

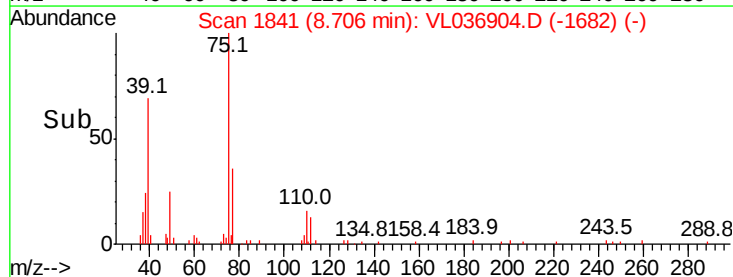
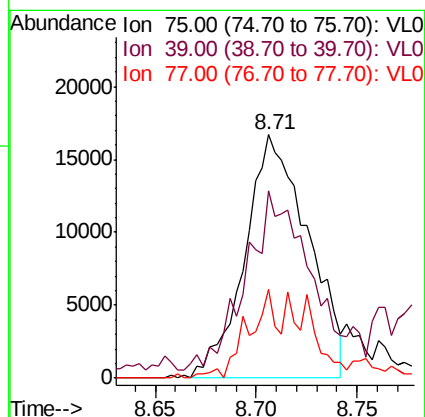
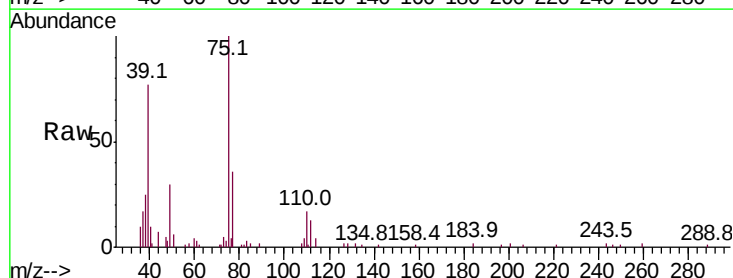
Tgt Ion: 75 Resp: 36441

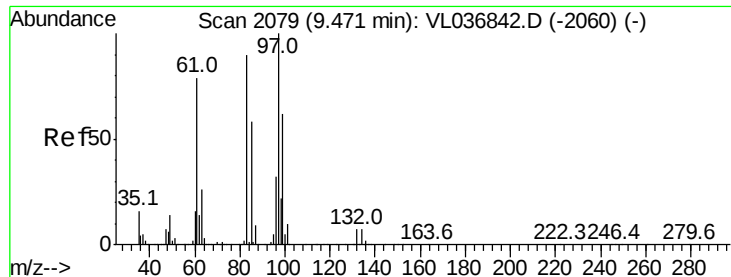
Ion Ratio Lower Upper

75 100

39 70.9 55.4 83.0

77 36.4 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.505 ppbv

RT: 9.48 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 15:27 LOD-MDL-AIR-01-QT2-2021

Tot Ion:

Ion Ratio

97 100

83 84.

85 54.

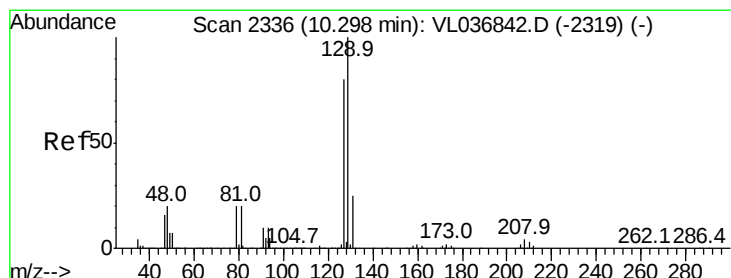
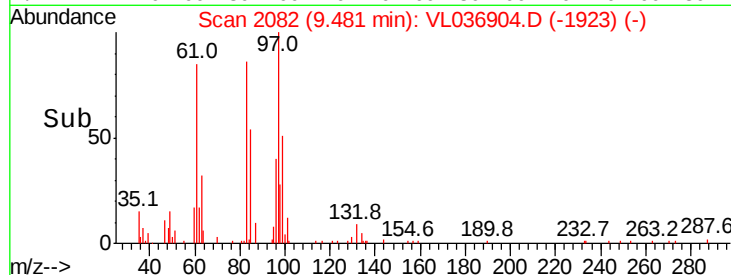
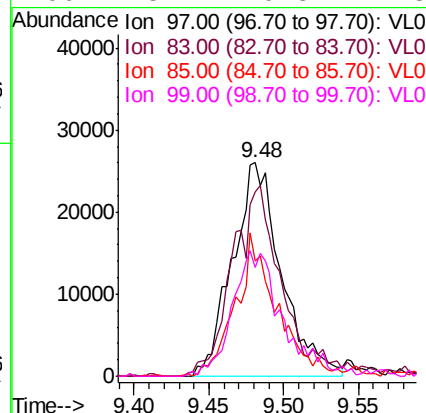
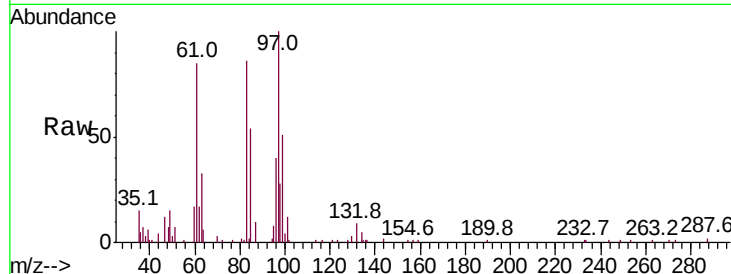
99 48.4 49.8 74.8#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#48

Dibromochloromethane

Concen: 0.450 ppbv

RT: 10.31 min Scan# 2340

Delta R.T. 0.01 min

Lab File: VL036904.D

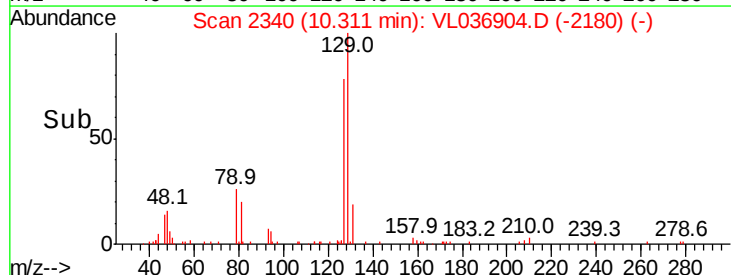
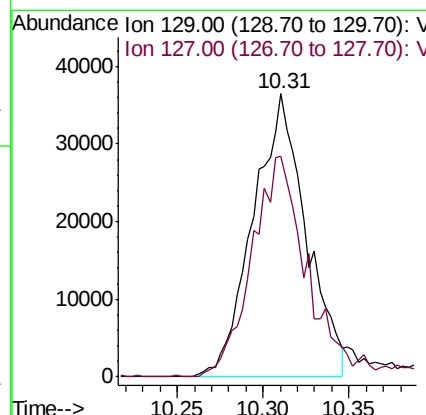
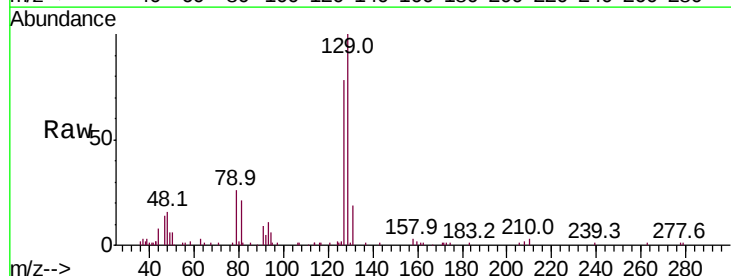
Acq: 6 May 2021 15:27

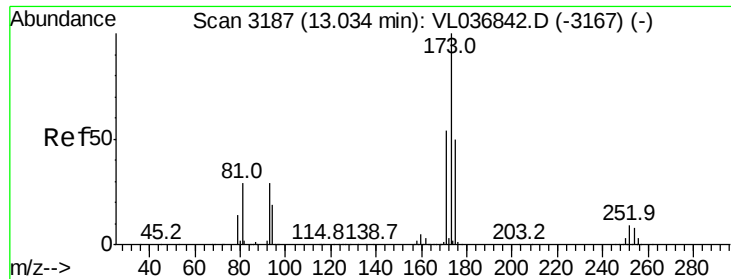
Tgt Ion:129 Resp: 78065

Ion Ratio Lower Upper

129 100

127 81.8 40.2 120.5





#49

Bromoform

Concen: 0.475 ppbv m

RT: 13.04

Delta R.T.

Lab File:

Acq: 6 May 2021 15:27

Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-OT2-2021

Tot Ion:1

Ion Ratio

173 100

175 0.

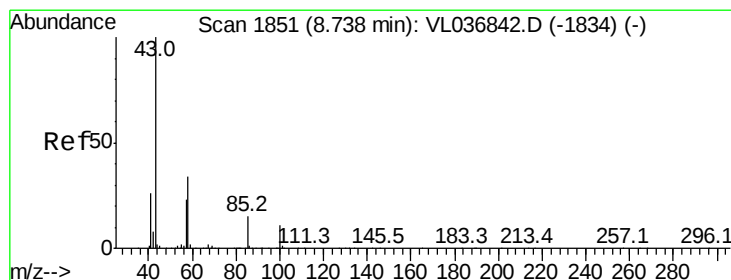
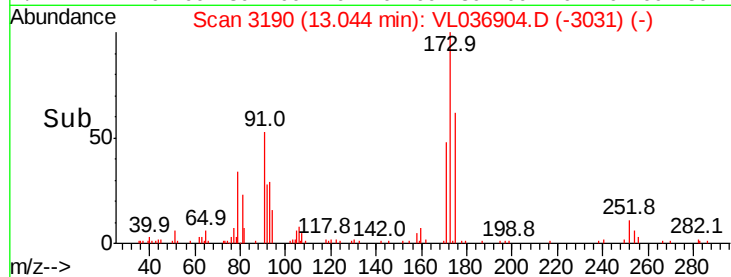
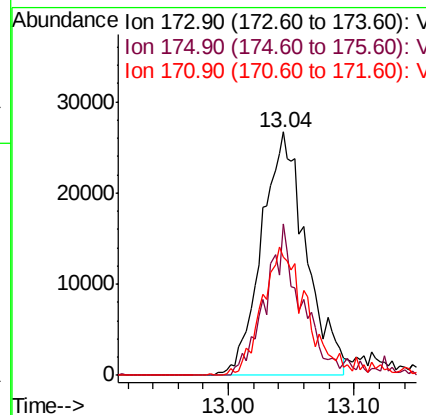
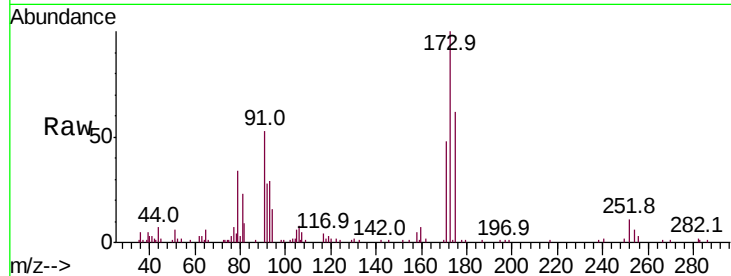
171 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#50

4-Methyl-2-Pentanone

Concen: 0.300 ppbv m

RT: 8.78 min Scan# 1865

Delta R.T. 0.05 min

Lab File: VL036904.D

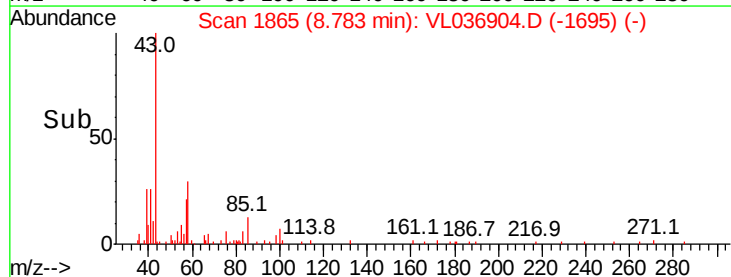
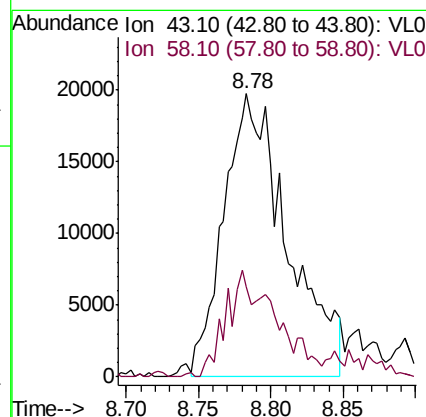
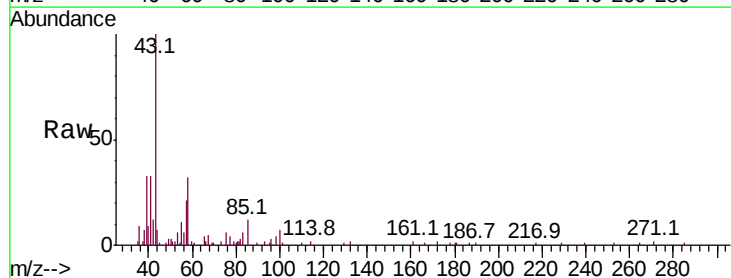
Acq: 6 May 2021 15:27

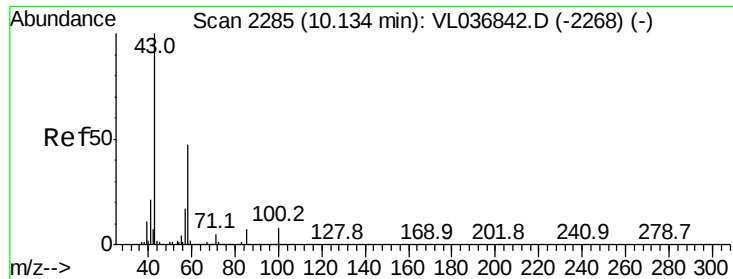
Tgt Ion: 43 Resp: 60129

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.8#





#51

2-Hexanone

Concen: 0.261 ppbv m

RT: 10.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 15:27

Tot Ion:

Ion Ratio

43 100

58 0.

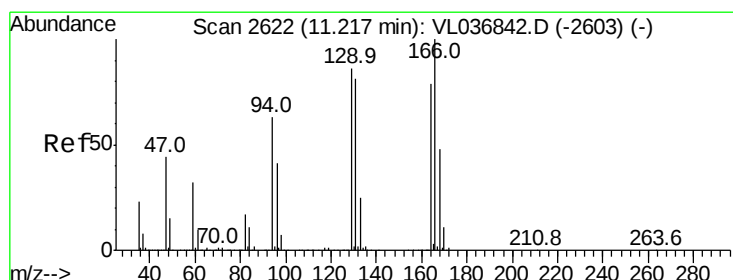
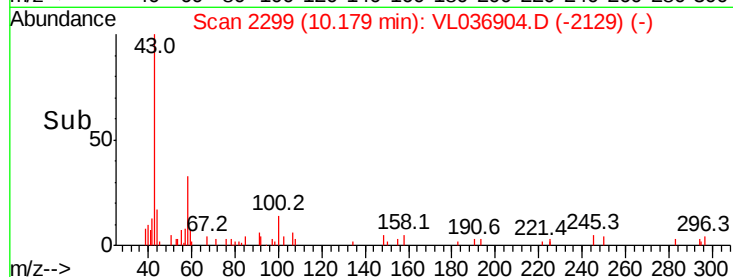
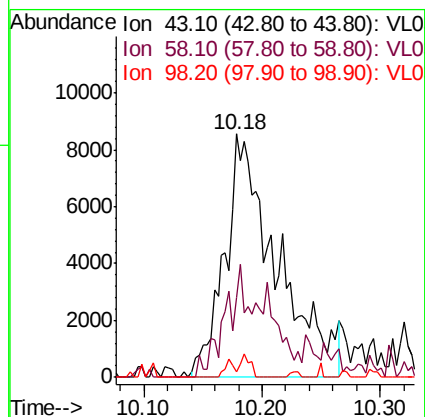
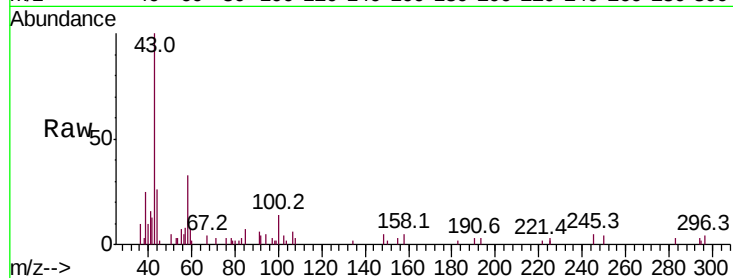
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#52

Tetrachloroethene

Concen: 0.393 ppbv

RT: 11.23 min Scan# 2625

Delta R.T. 0.01 min

Lab File: VL036904.D

Acq: 6 May 2021 15:27

Tgt Ion:164 Resp: 37848

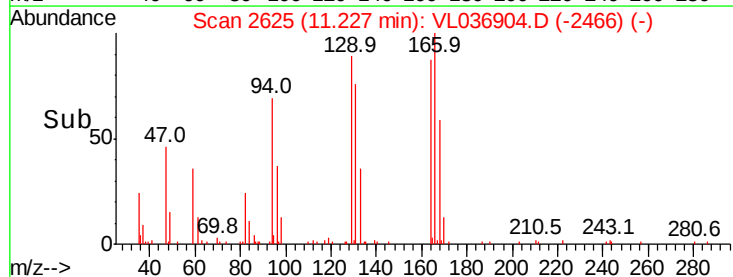
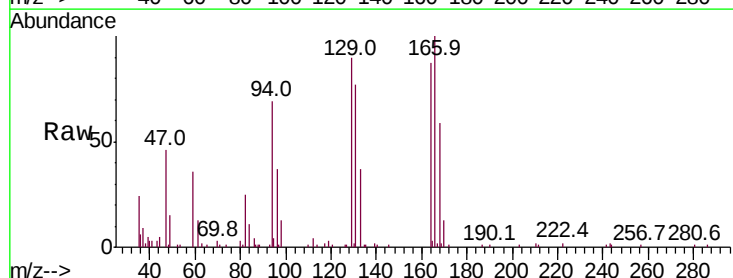
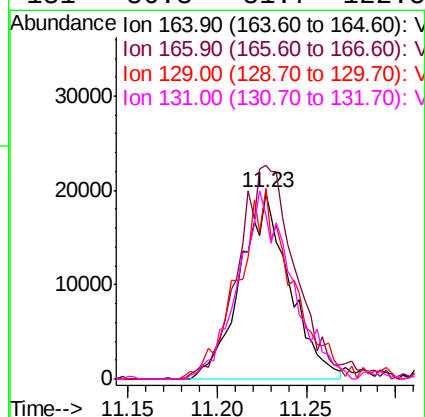
Ion Ratio Lower Upper

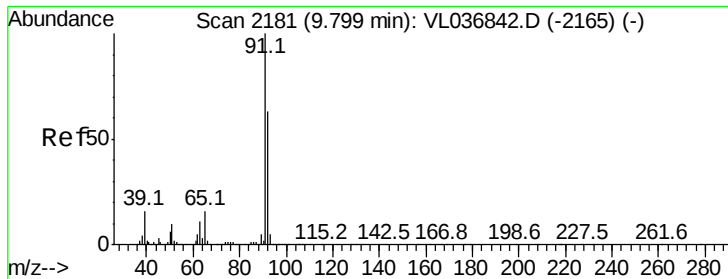
164 100

166 111.9 100.9 151.3

129 98.6 87.0 130.4

131 86.3 81.7 122.5





#53

Toluene

Concen: 0.268 ppbv

RT: 9.81

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 6 May 2021 15:27

Tot Ion:

Ion Ratio

91 100

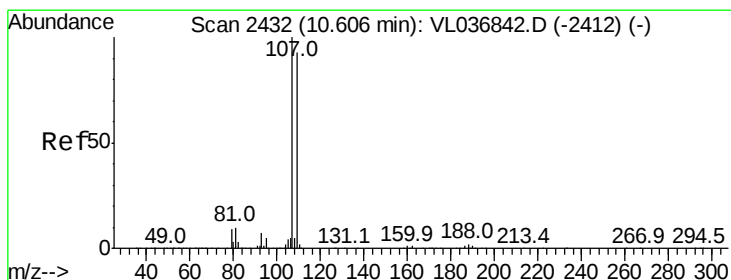
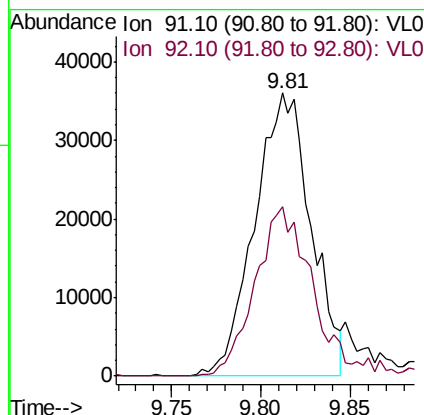
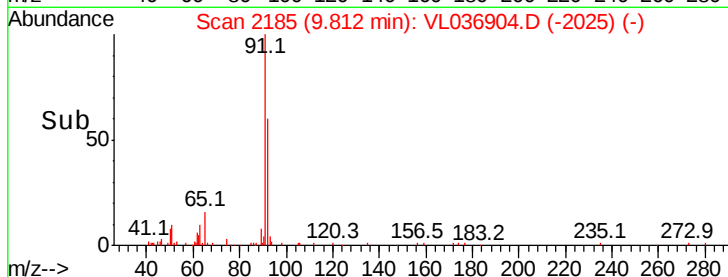
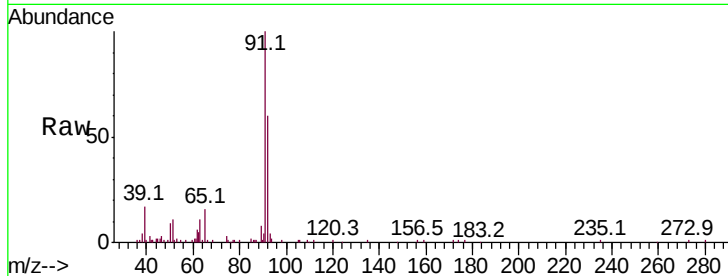
92 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#54

1,2-Dibromoethane

Concen: 0.447 ppbv m

RT: 10.62 min Scan# 2435

Delta R.T. 0.01 min

Lab File: VL036904.D

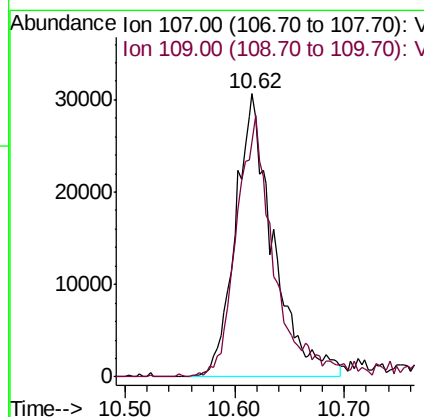
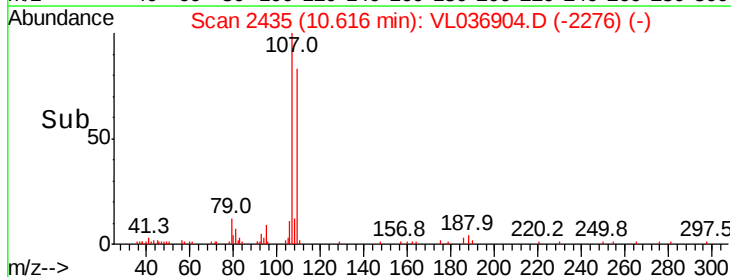
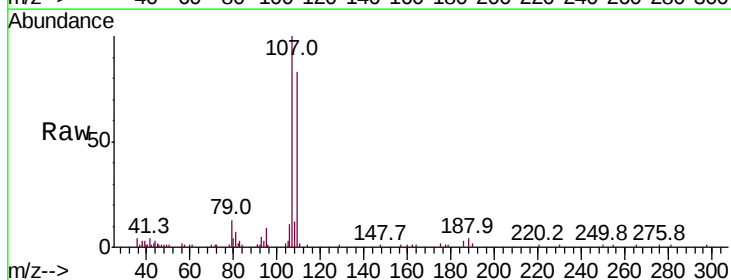
Acq: 6 May 2021 15:27

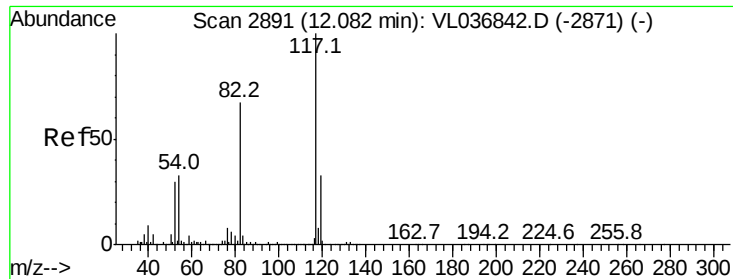
Tgt Ion:107 Resp: 73965

Ion Ratio Lower Upper

107 100

109 83.0 74.7 112.1



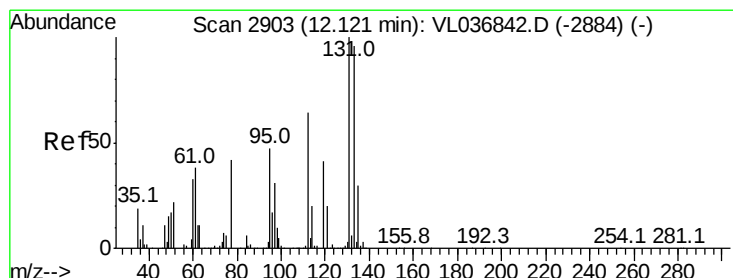
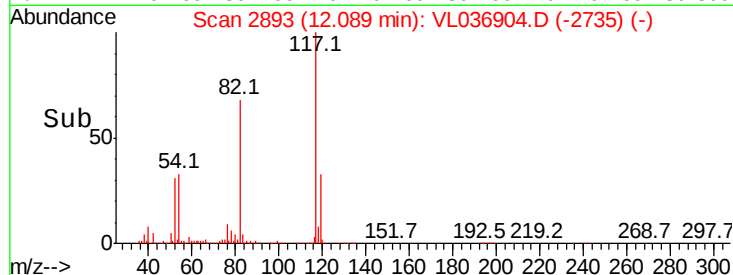
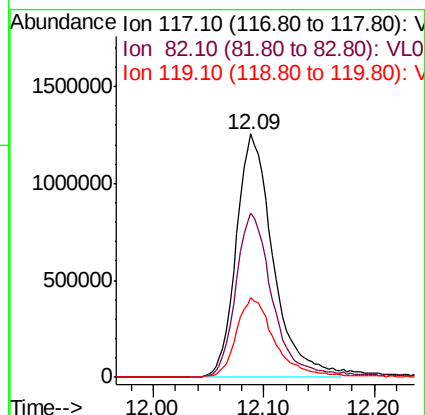
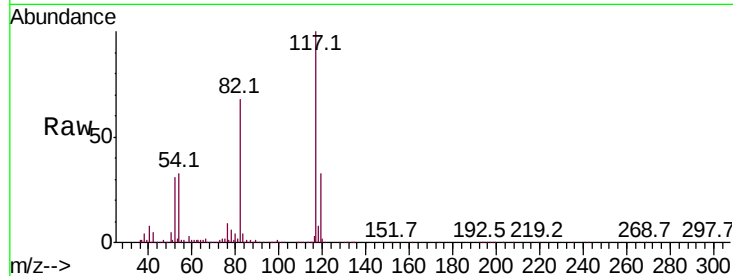


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2021
 Acq: 6 May 2021 15:27

Tot Ion:1
 Ion Rati
 117 100
 82 69.
 119 35.

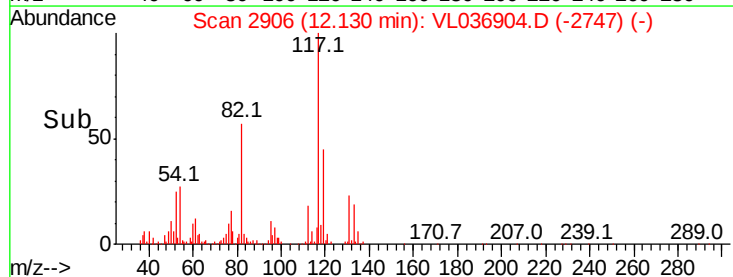
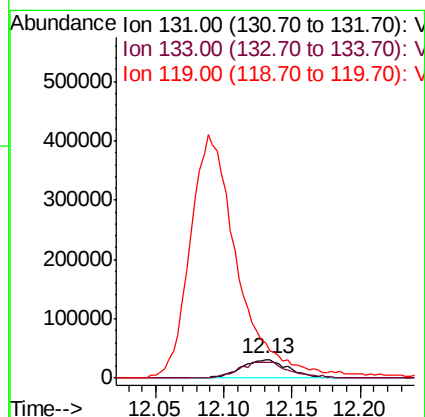
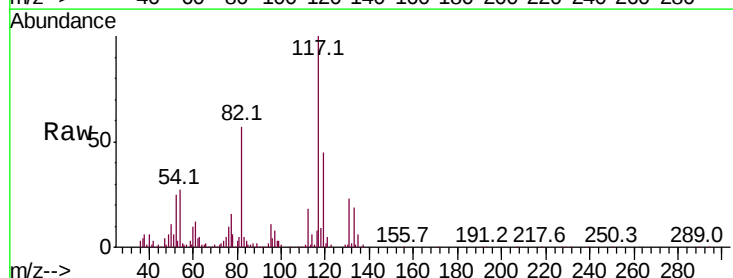
Manual Integrations
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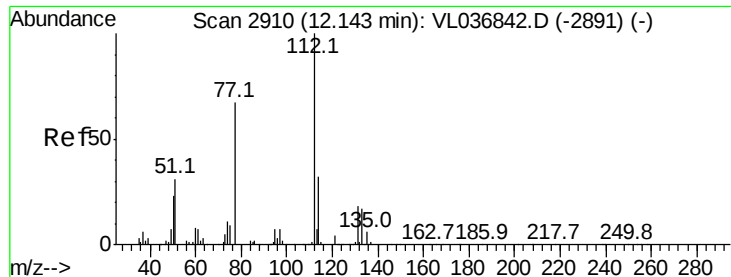
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.610 ppbv
 RT: 12.13 min Scan# 2906
 Delta R.T. 0.01 min
 Lab File: VL036904.D
 Acq: 6 May 2021 15:27

Tgt Ion:131 Resp: 74753
 Ion Ratio Lower Upper
 131 100
 133 95.7 76.3 114.5
 119 1360.6 114.9 172.3#





#57

Chlorobenzene

Concen: 0.516 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 15:27

Tot Ion:1

Ion Rati

112 100

77 60.

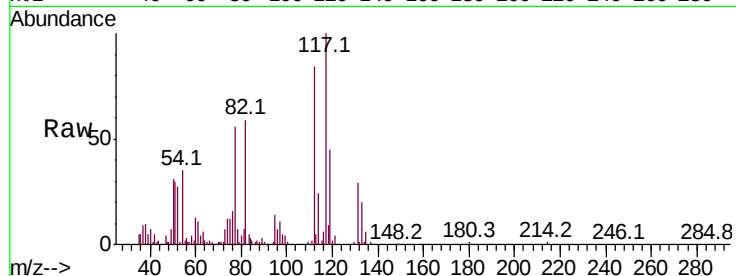
114 27.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

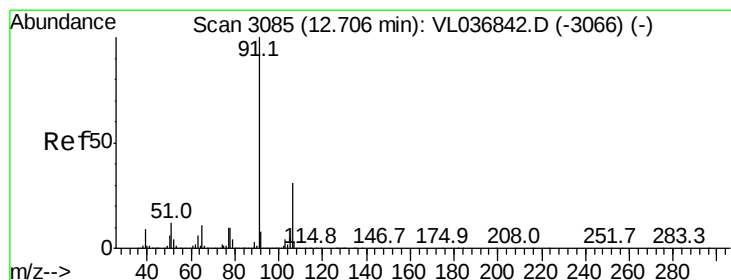
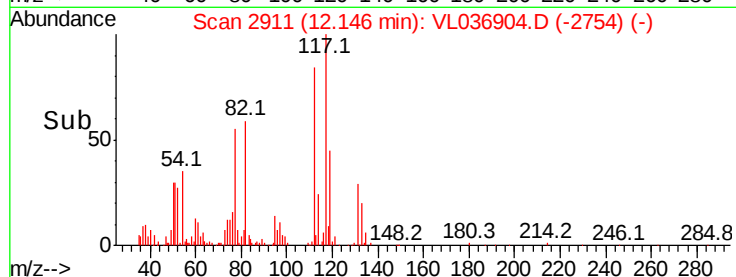
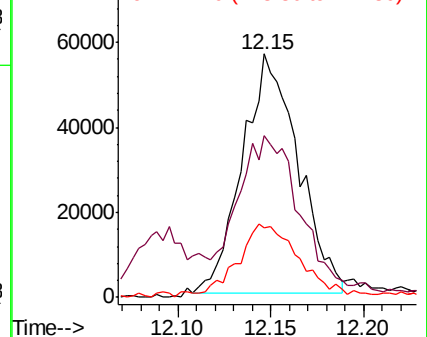
Supervised By :Mahesh Dadoda 05/10/2021



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 0.310 ppbv m

RT: 12.72 min Scan# 3090

Delta R.T. 0.02 min

Lab File: VL036904.D

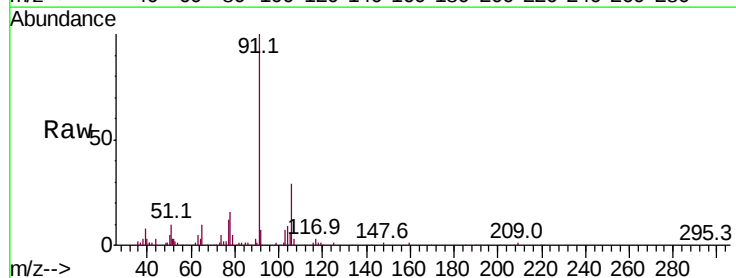
Acq: 6 May 2021 15:27

Tgt Ion: 91 Resp: 115059

Ion Ratio Lower Upper

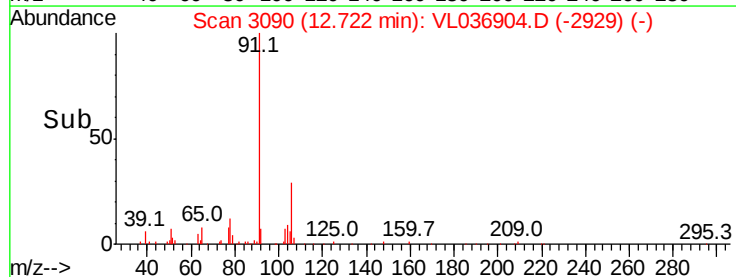
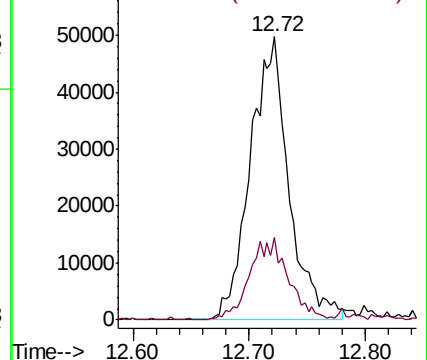
91 100

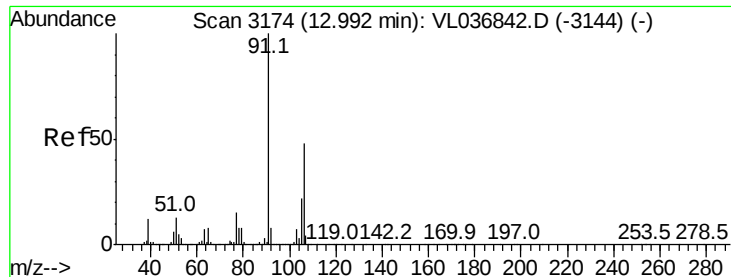
106 28.9 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 0.745 ppbv m

RT: 13.00

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 6 May 2021 15:27

Tot Ion:

Ion Ratio

91 100

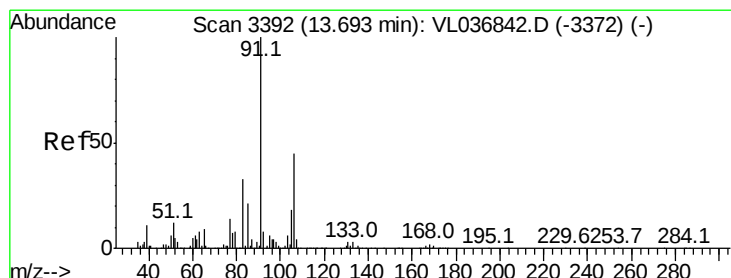
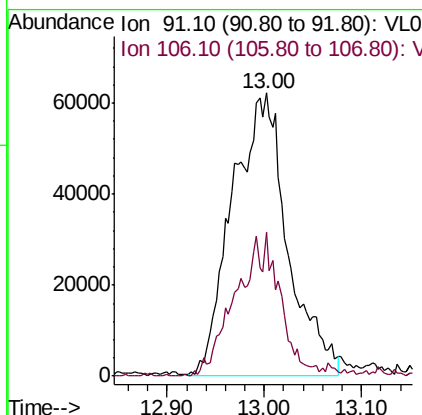
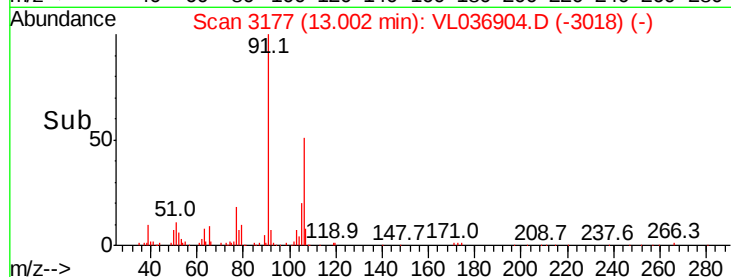
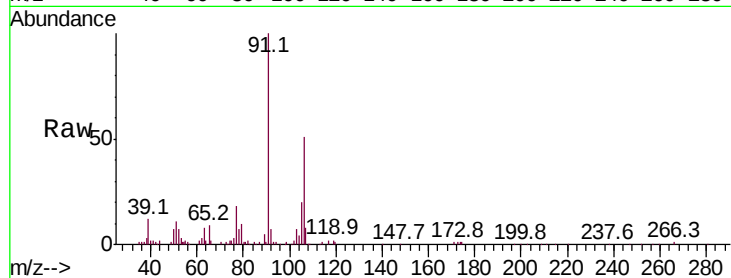
106 41.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#60

o-Xylene

Concen: 0.383 ppbv

RT: 13.70 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VL036904.D

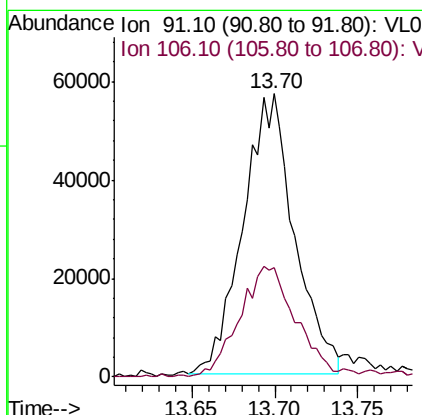
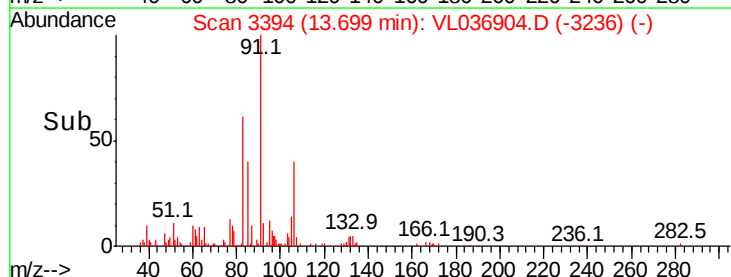
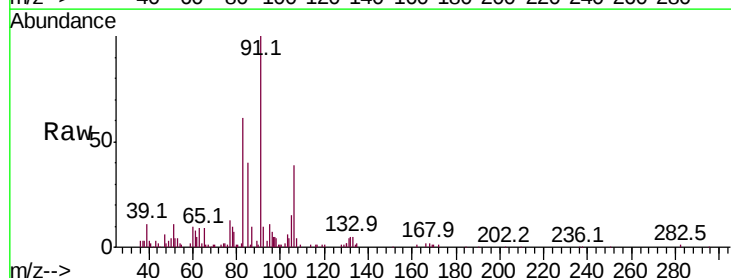
Acq: 6 May 2021 15:27

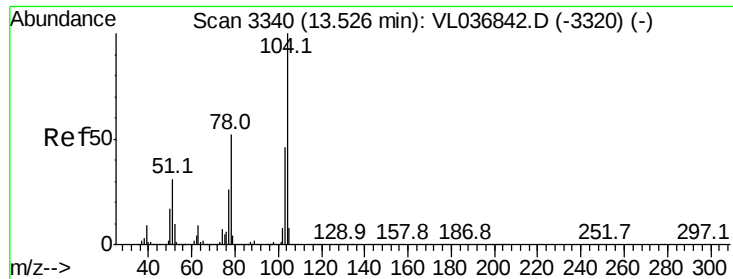
Tgt Ion: 91 Resp: 122626

Ion Ratio Lower Upper

91 100

106 46.4 22.6 67.7





#61

Stvrene

Concen: 0.235 ppbv m

RT: 13.53

Delta R.T.

Lab File:

Acq: 6 May 2021 15:27

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2021

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021

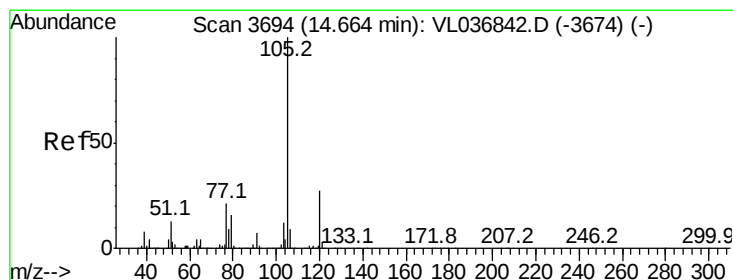
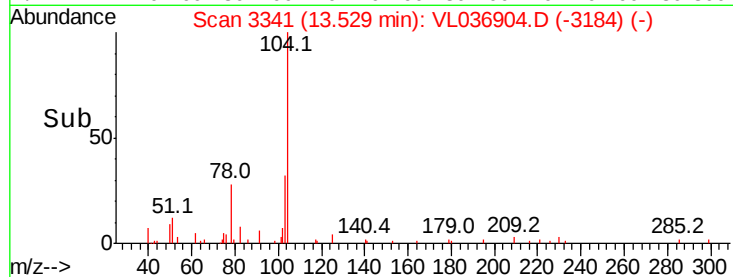
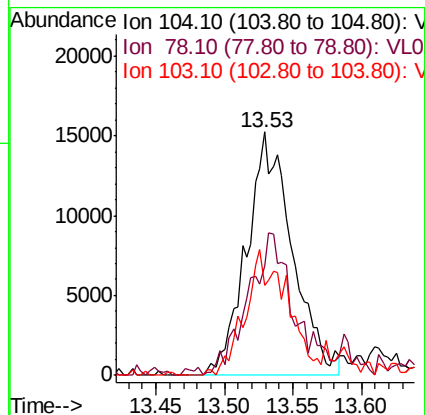
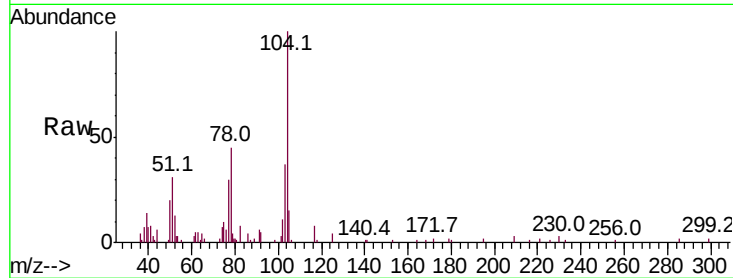
Tot Ion:1

Ion Rati

104 100

78 63.

103 55.



#62

Isopropylbenzene

Concen: 0.400 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.01 min

Lab File: VL036904.D

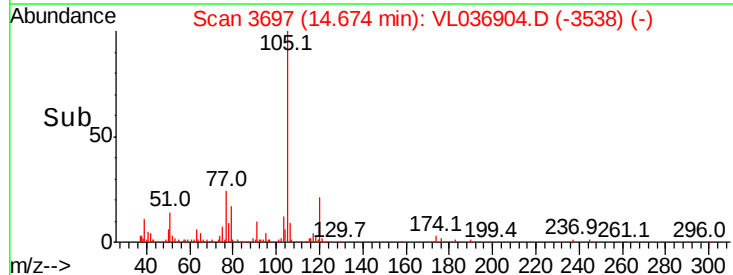
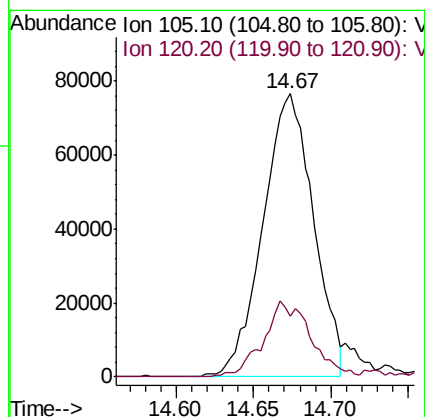
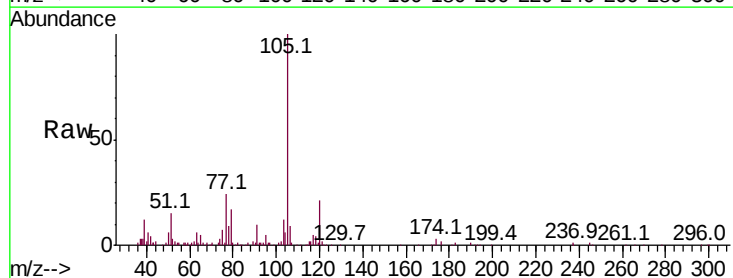
Acq: 6 May 2021 15:27

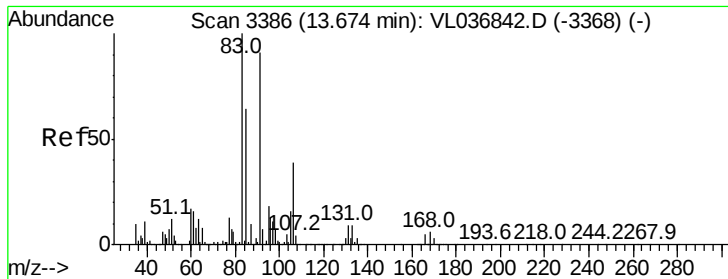
Tgt Ion:105 Resp: 174216

Ion Ratio Lower Upper

105 100

120 26.4 21.1 31.7



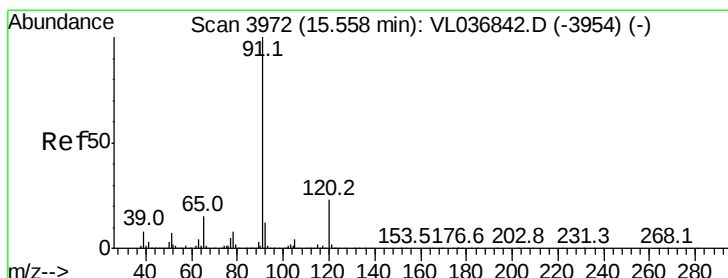
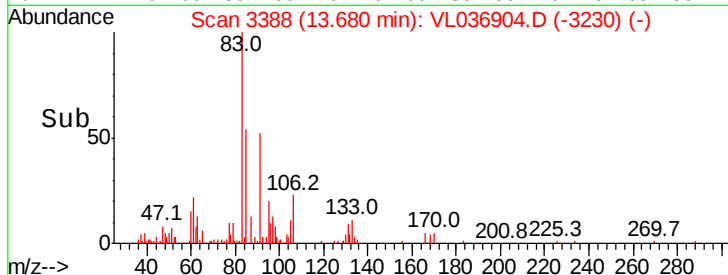
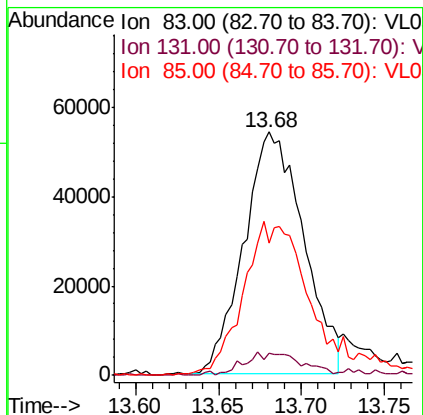
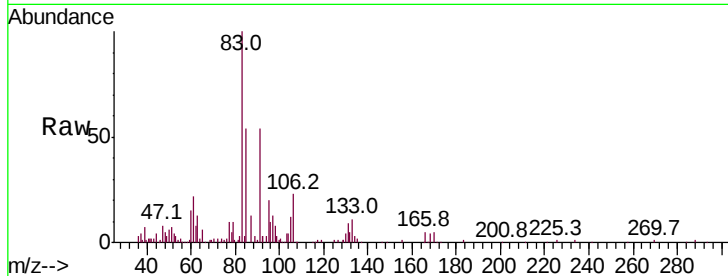


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.527 ppbv
 RT: 13.68 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 May 2021 15:27

Tot Ion:
 Ion Ratio
 83 100
 131 10.
 85 73.

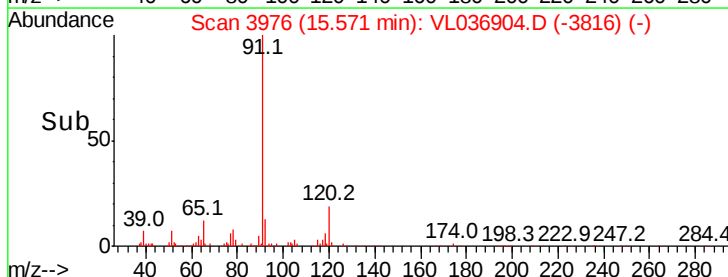
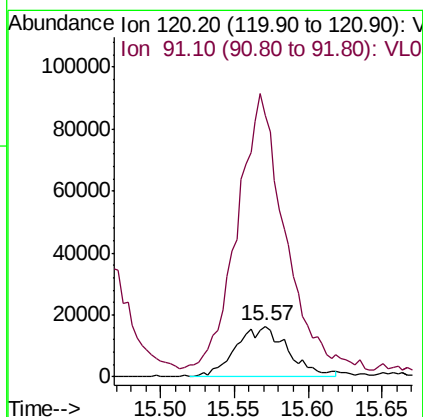
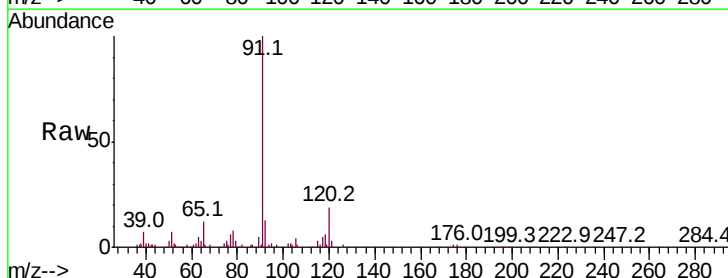
Manual Integrations
 APPROVED

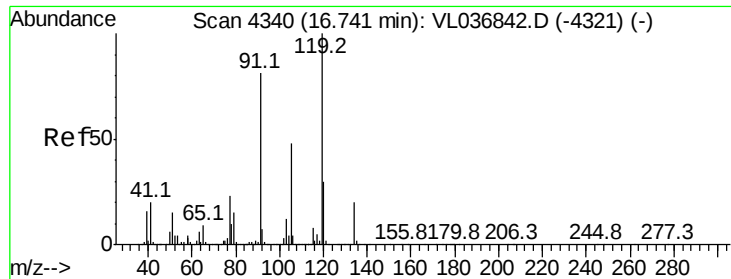
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#64
 n-propylbenzene
 Concen: 0.370 ppbv m
 RT: 15.57 min Scan# 3976
 Delta R.T. 0.01 min
 Lab File: VL036904.D
 Acq: 6 May 2021 15:27

Tgt Ion:120 Resp: 40216
 Ion Ratio Lower Upper
 120 100
 91 549.2 378.6 567.8



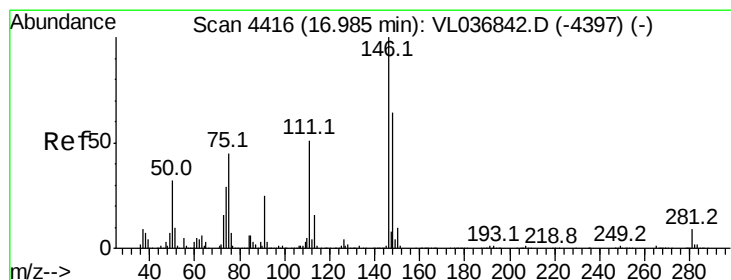
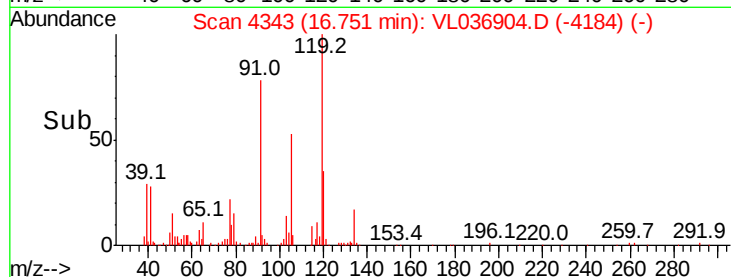
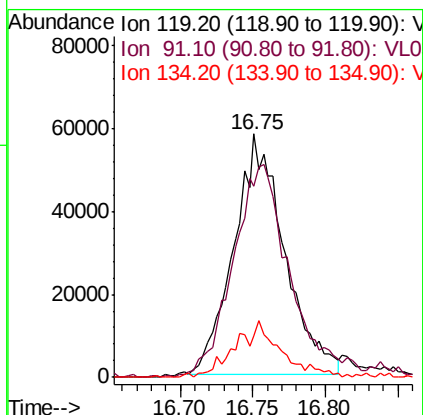
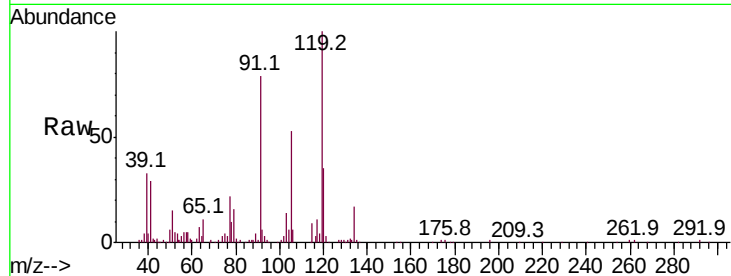


#65
tert-Butylbenzene
Concen: 0.366 ppbv
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
LOD-MDL-AIR-01-QT2-2021
Acq: 6 May 2021 15:27

Tot Ion: 1
Ion Ratio
119 100
91 102.
134 21.

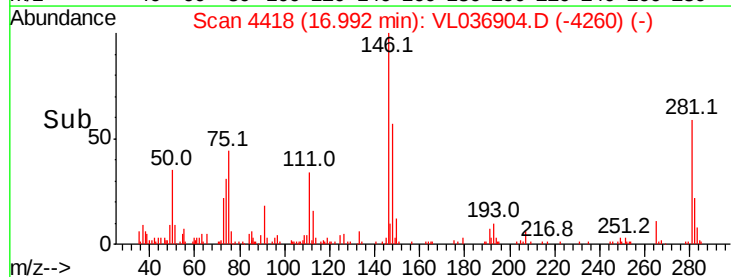
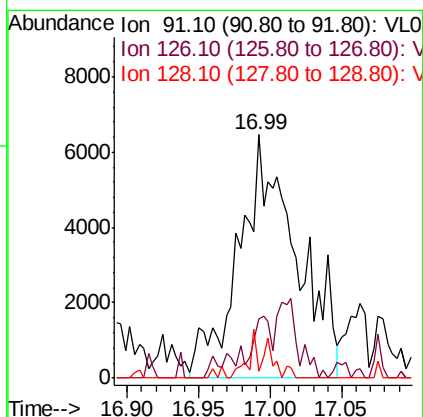
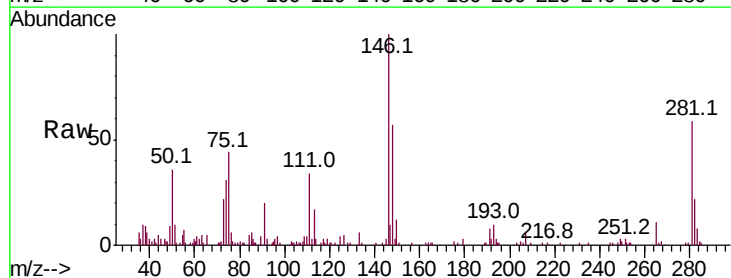
Manual Integrations
APPROVED

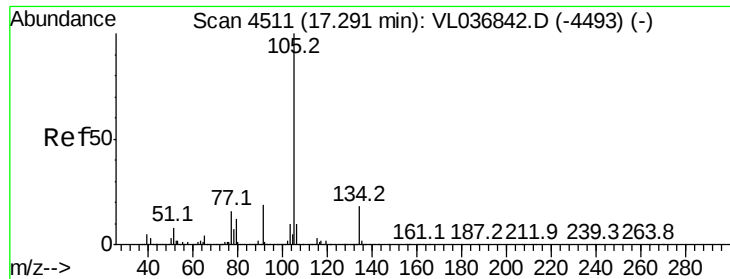
Reviewed By : Semsettin Yesilyurt 05/08/2021
Supervised By : Mahesh Dadoda 05/10/2021



#66
Benzyl Chloride
Concen: 0.474 ppbv m
RT: 16.99 min Scan# 4418
Delta R.T.: 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 91 Resp: 17870
Ion Ratio Lower Upper
91 100
126 0.0 14.1 21.1#
128 6.8 4.8 7.2





#67

sec-Butylbenzene

Concen: 0.396 ppbv m

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 15:27

Tot Ion:1

Ion Ratio

105 100

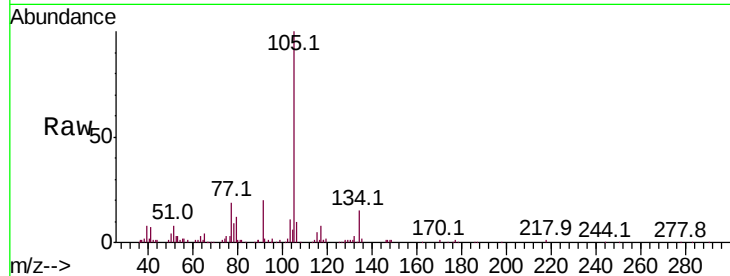
134 17.

Manual Integrations

APPROVED

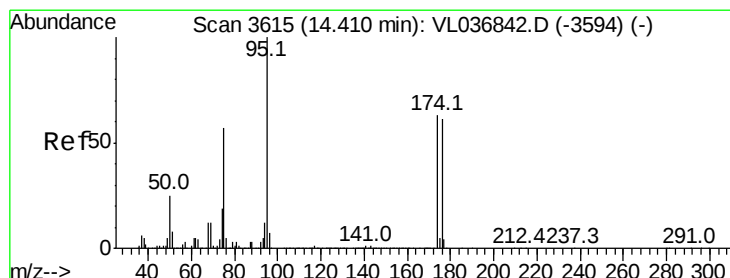
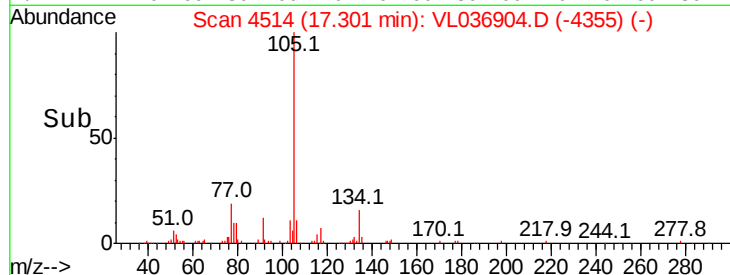
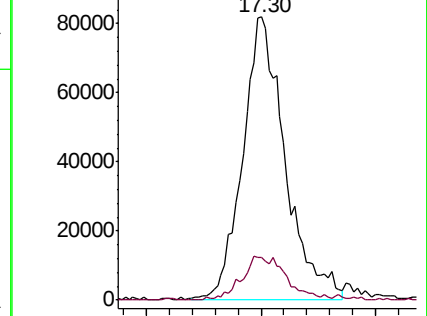
Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.532 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.01 min

Lab File: VL036904.D

Acq: 6 May 2021 15:27

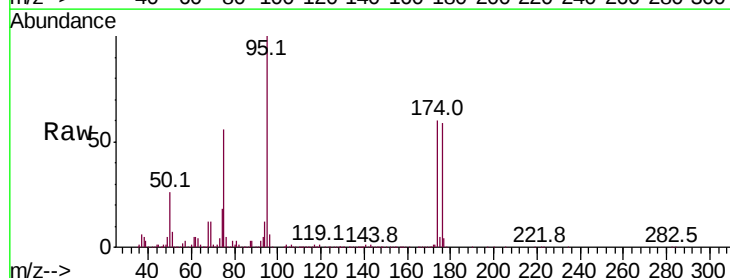
Tgt Ion: 95 Resp: 2470501

Ion Ratio Lower Upper

95 100

174 63.4 52.2 78.2

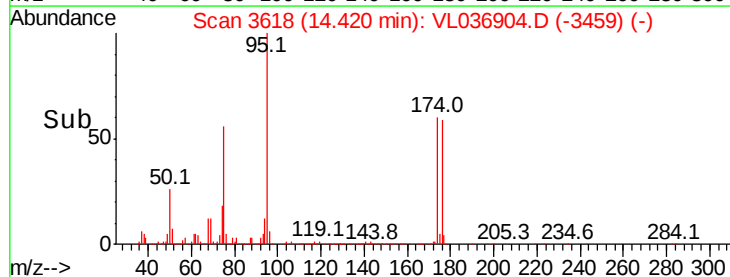
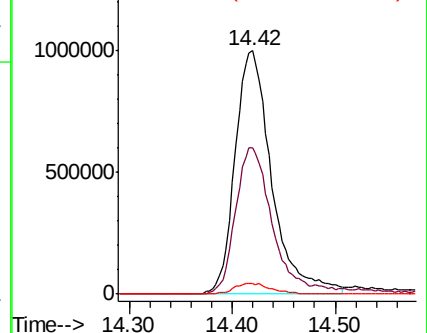
175 4.7 4.0 6.0

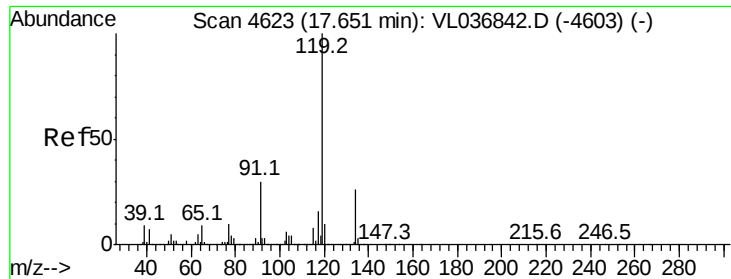


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#69

p-Isopropyltoluene

Concen: 0.320 ppbv m

RT: 17.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 15:27

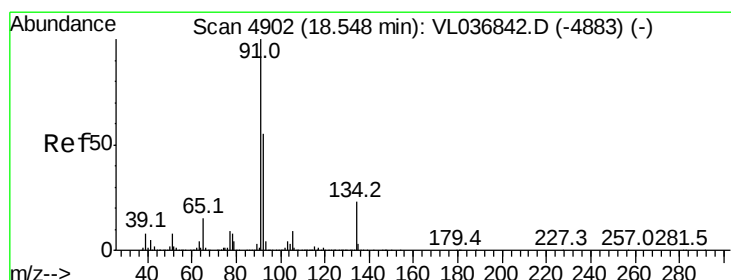
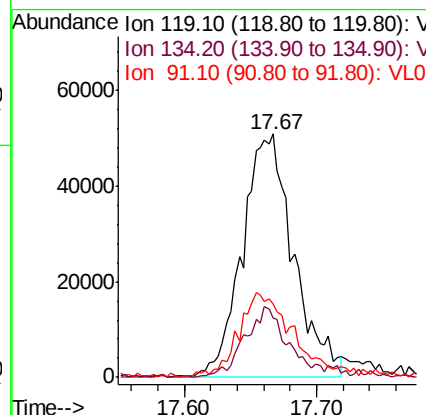
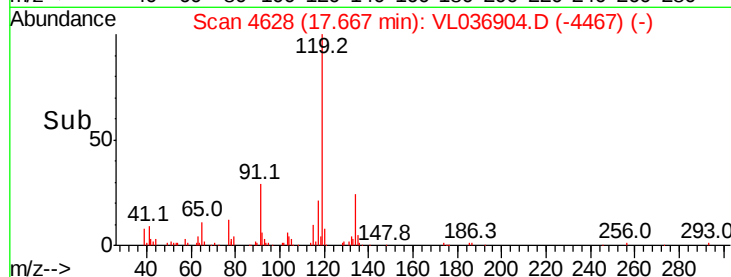
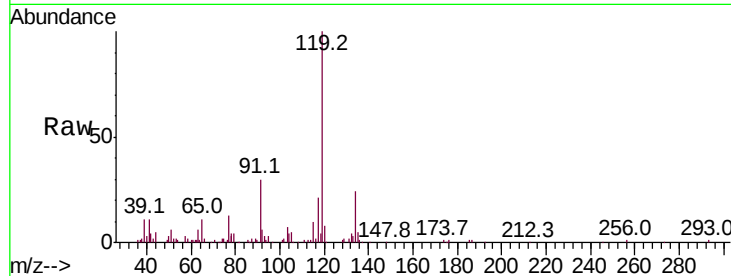
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021

Tot Ion:1
Ion Rati
119 100
134 26.
91 38.



#70

n-Butylbenzene

Concen: 0.342 ppbv m

RT: 18.57 min Scan# 4908

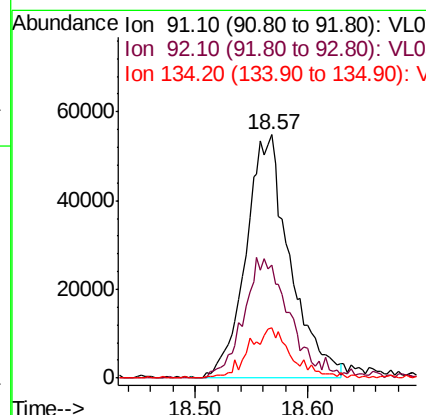
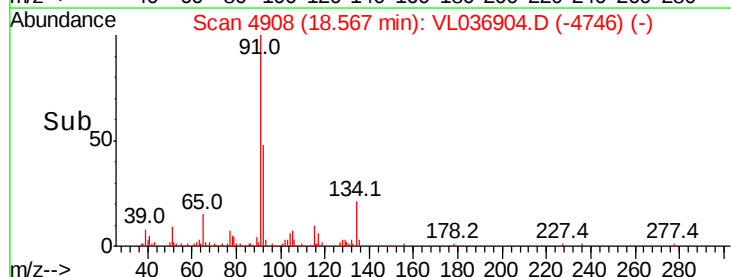
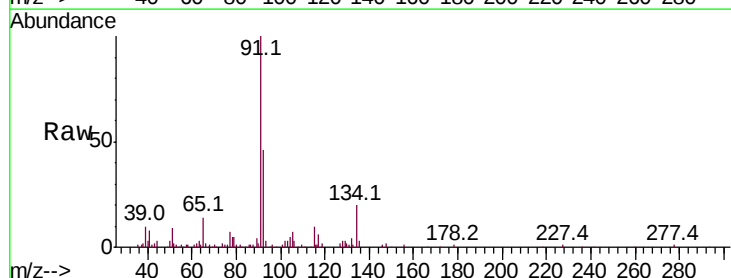
Delta R.T. 0.02 min

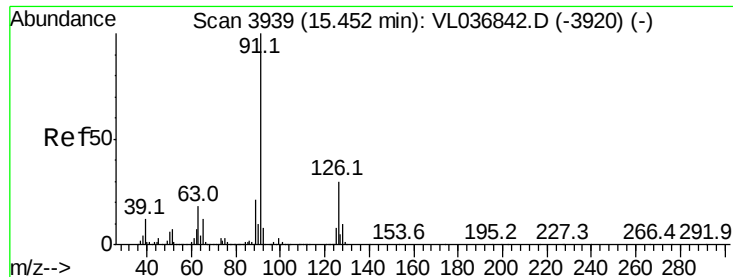
Lab File: VL036904.D

Acq: 6 May 2021 15:27

Tgt Ion: 91 Resp: 147792

Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.5	65.3
134	0.0	18.2	27.4#



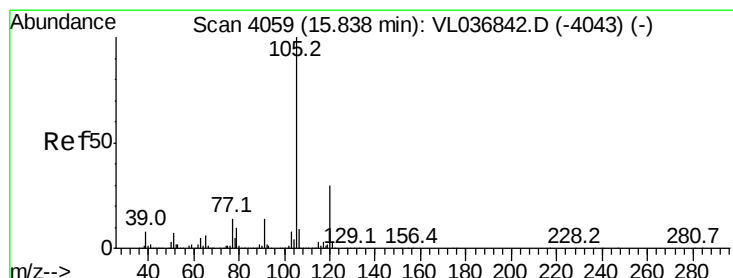
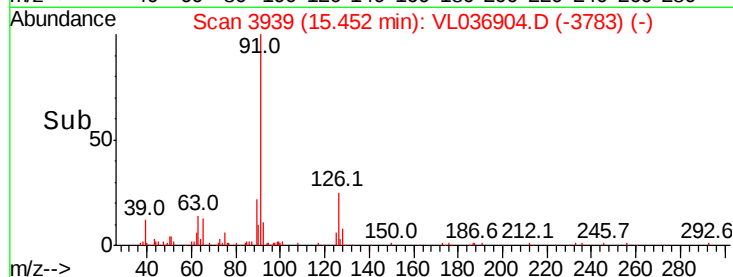
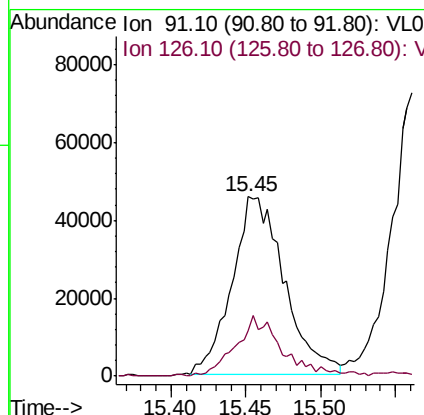
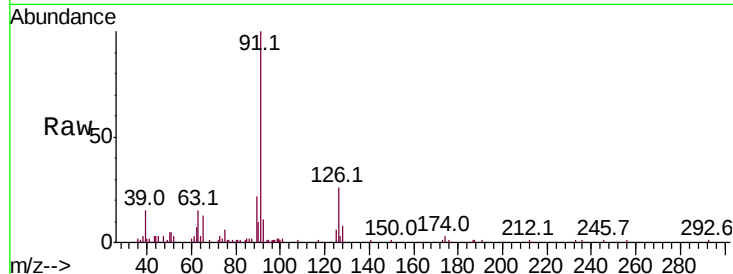


#71
2-Chlorotoluene
Concen: 0.342 ppbv
RT: 15.45 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 May 2021 15:27
LOD-MDL-AIR-01-QT2-2021

Tot Ion:
Ion Ratio
91 100
126 30.

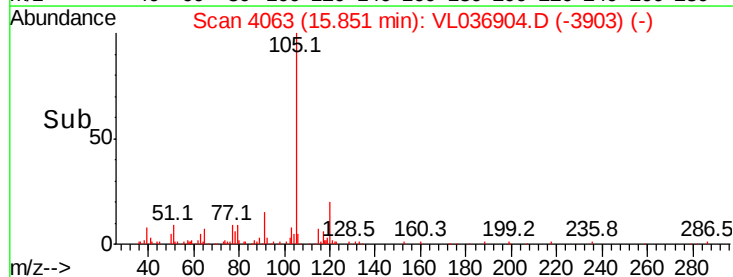
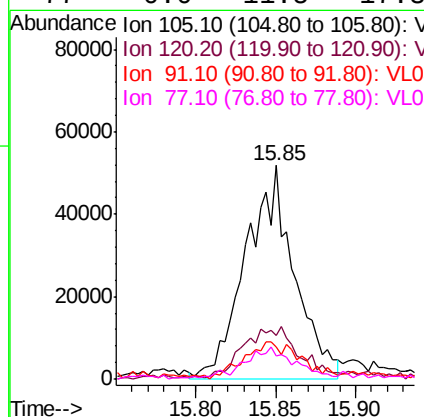
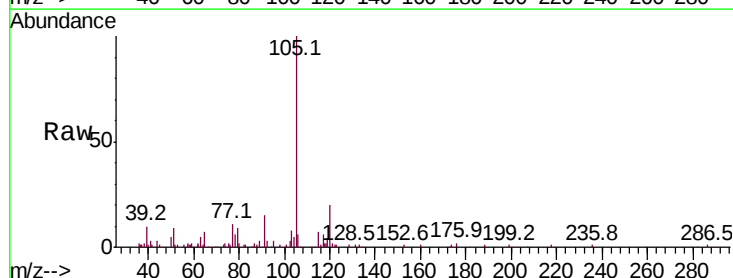
Manual Integrations
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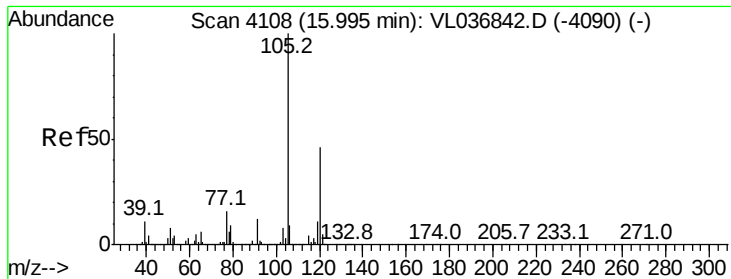
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#72
4-Ethyltoluene
Concen: 0.319 ppbv m
RT: 15.85 min Scan# 4063
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:105 Resp: 109684
Ion Ratio Lower Upper
105 100
120 0.0 23.8 35.6#
91 0.0 10.7 16.1#
77 0.0 11.5 17.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.332 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 15:27

Tot Ion:1

Ion Ratio

105 100

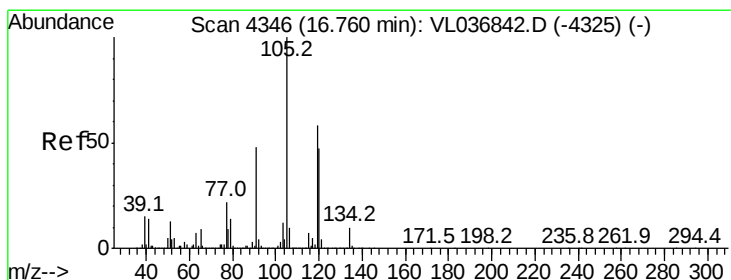
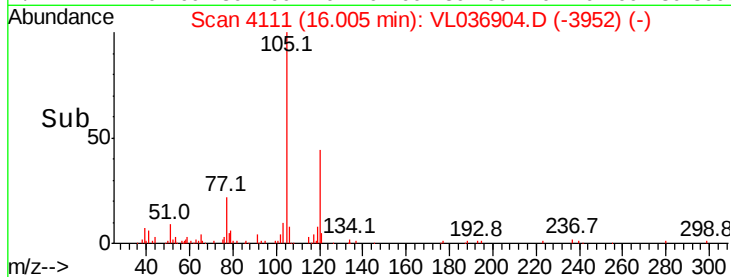
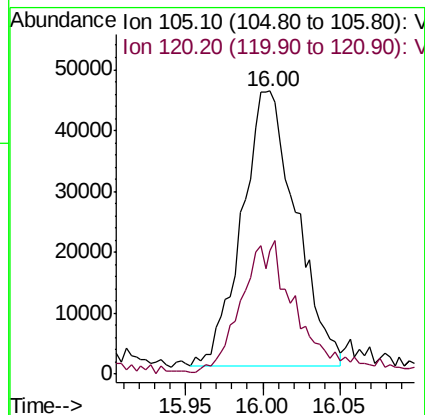
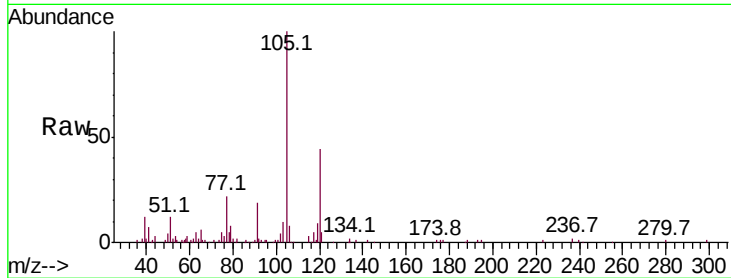
120 44.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#74

1,2,4-Trimethylbenzene

Concen: 0.400 ppbv

RT: 16.77 min Scan# 4349

Delta R.T. 0.01 min

Lab File: VL036904.D

Acq: 6 May 2021 15:27

Tgt Ion:105 Resp: 141559

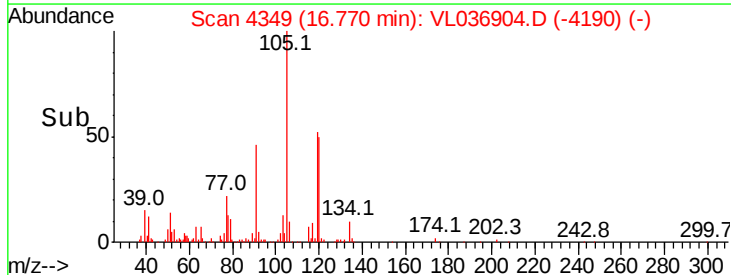
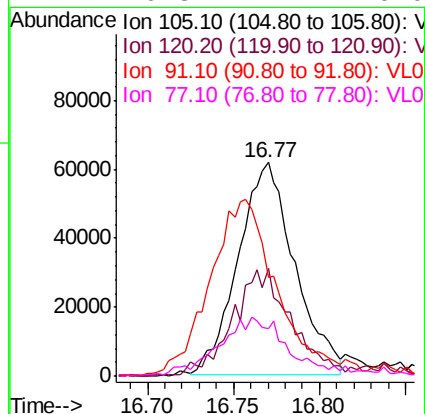
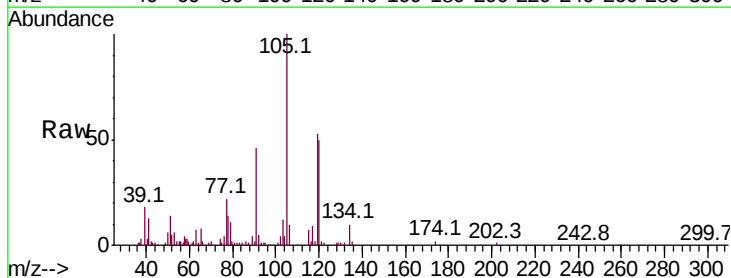
Ion Ratio Lower Upper

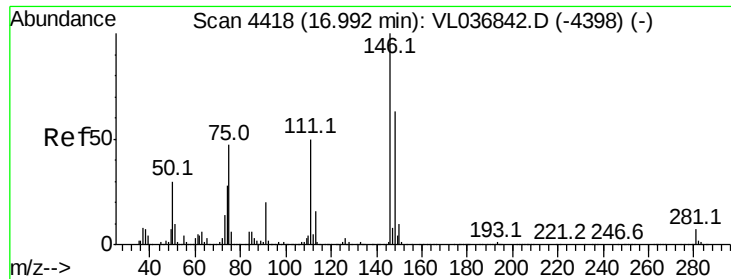
105 100

120 45.9 37.6 56.4

91 40.7 39.0 58.4

77 20.3 17.4 26.0



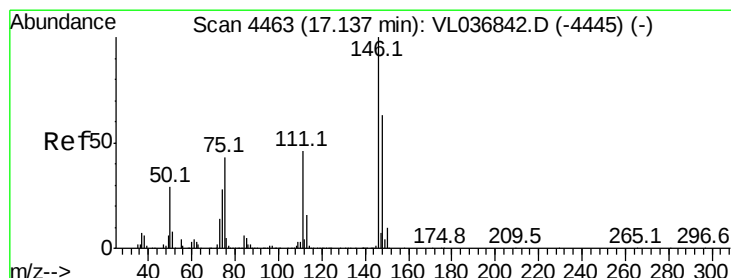
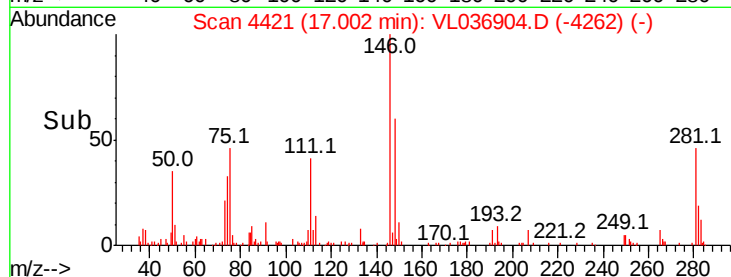
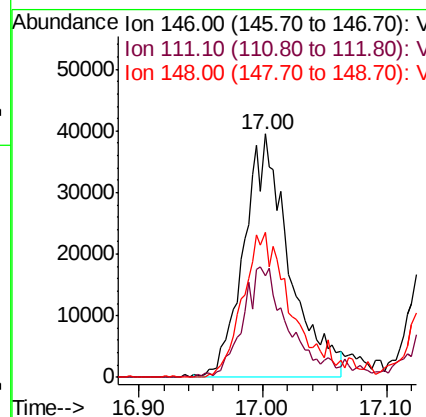
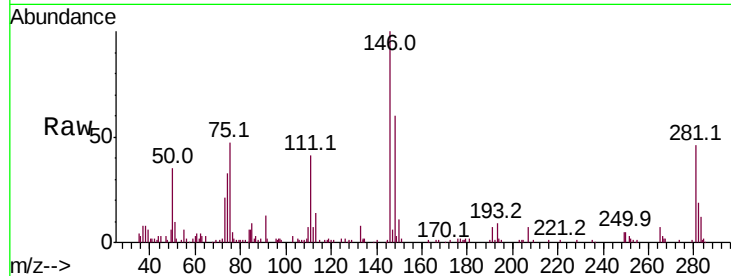


#75
 1,3-Dichlorobenzene
 Concen: 0.482 ppbv m
 RT: 17.00
 Instrument: MSVOA_1
 Delta R.T.
 Lab File: ClientSampled :
 Acq: 6 May 2021 15:27
 LOD-MDL-AIR-01-QT2-2021

Tot Ion:1
 Ion Rati
 146 100
 111 48.
 148 66.

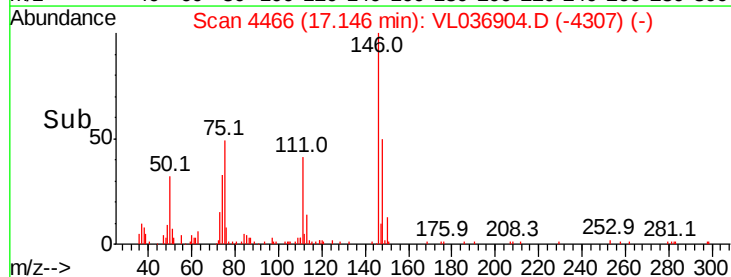
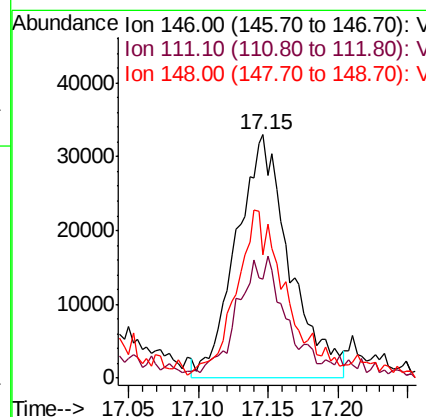
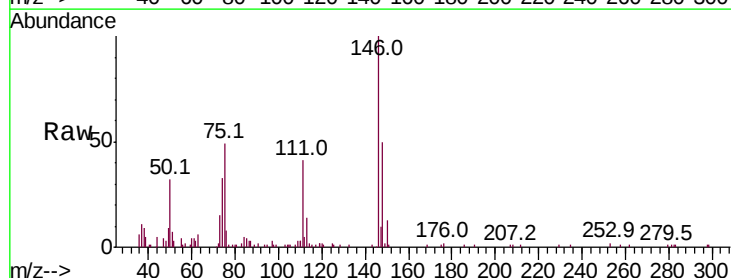
Manual Integrations
 APPROVED

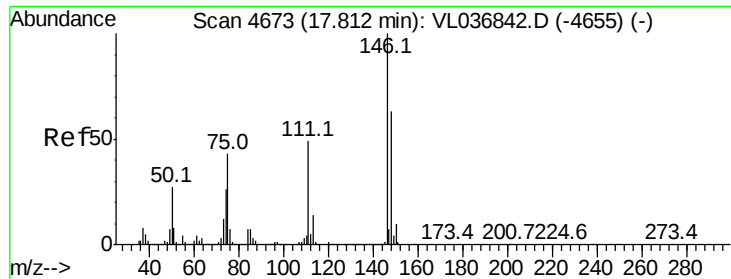
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#76
 1,4-Dichlorobenzene
 Concen: 0.429 ppbv m
 RT: 17.15 min Scan# 4466
 Delta R.T. 0.01 min
 Lab File: VL036904.D
 Acq: 6 May 2021 15:27

Tgt Ion:146 Resp: 87828
 Ion Ratio Lower Upper
 146 100
 111 53.8 24.3 72.8
 148 61.8 32.4 97.0





#77

1,2-Dichlorobenzene

Concen: 0.482 ppbv m

RT: 17.83 min

Delta R.T. MSVOA_L

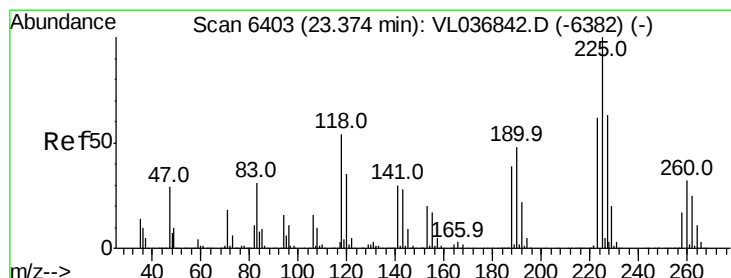
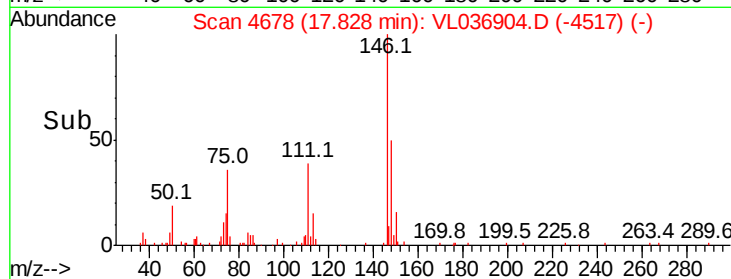
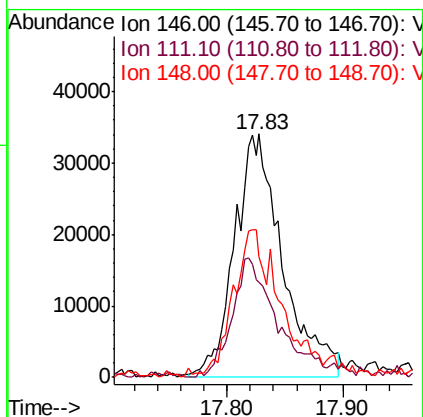
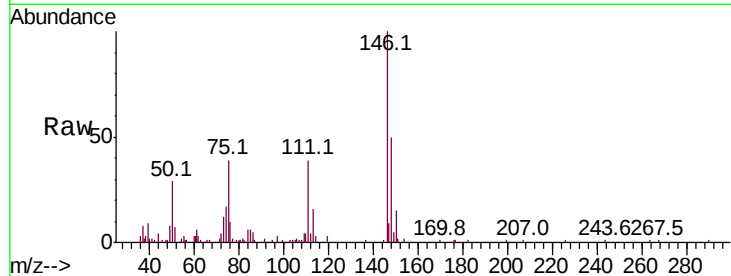
Lab File: ClientSampled :

Acq: 6 May 2021 15:27

Manual Integrations
APPROVED

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

Tot Ion:1
Ion Rati
146 100
111 48.
148 61.



#78

Hexachloro-1,3-Butadiene

Concen: 0.540 ppbv m

RT: 23.38 min Scan# 6405

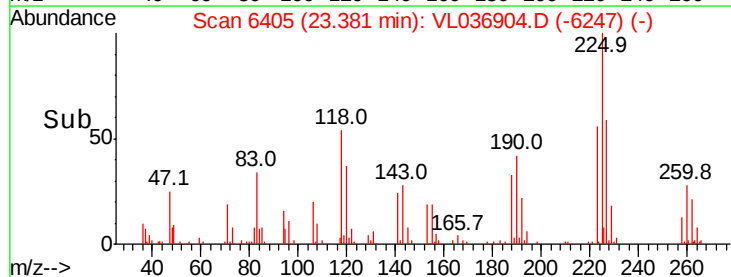
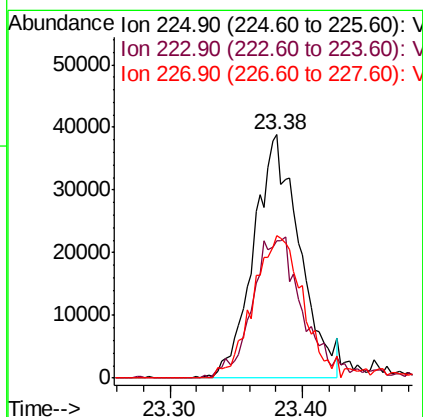
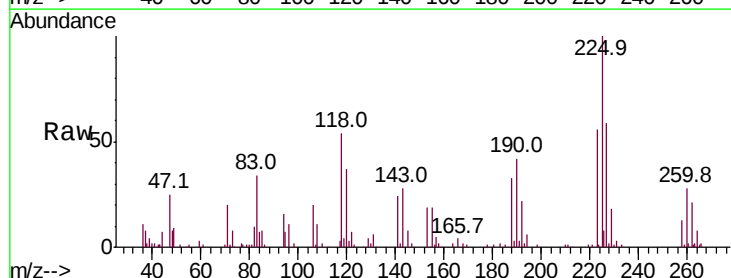
Delta R.T. 0.01 min

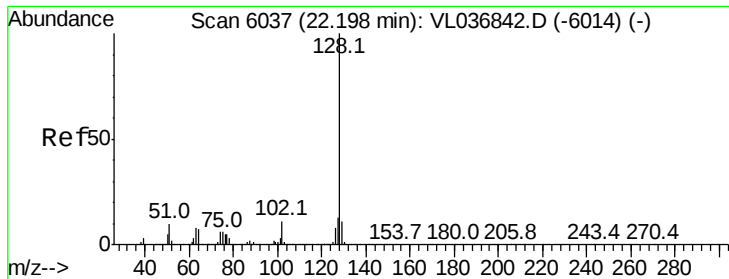
Lab File: VL036904.D

Acq: 6 May 2021 15:27

Tgt Ion:225 Resp: 93895

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.2	76.8
227	0.0	51.8	77.6#





#79

Naphthalene

Concen: 0.188 ppbv m

RT: 22.22

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 15:27

Tot Ion:1

Ion Rati

128 100

127 5.

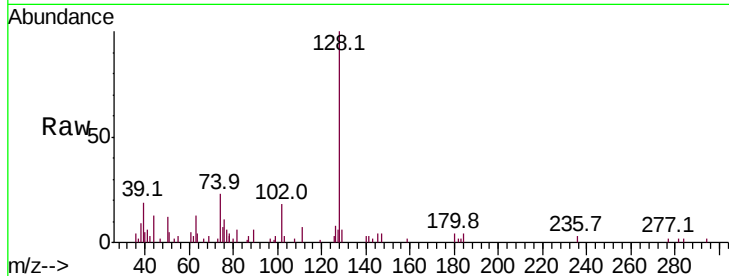
129 6.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

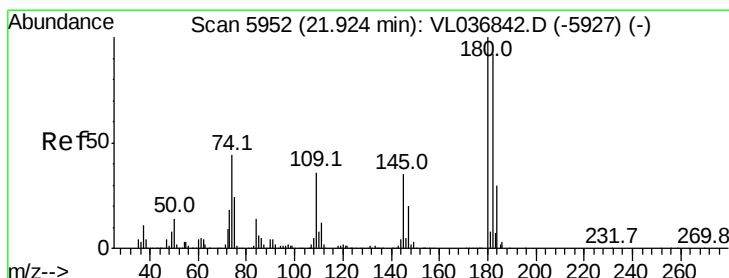
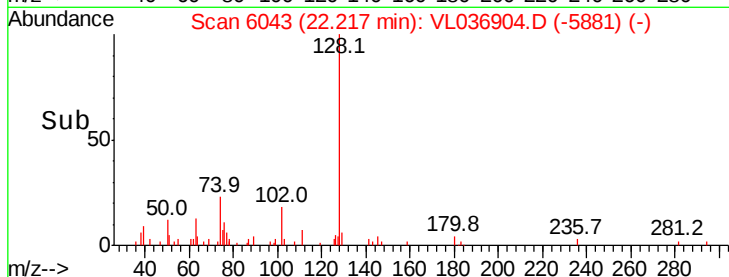
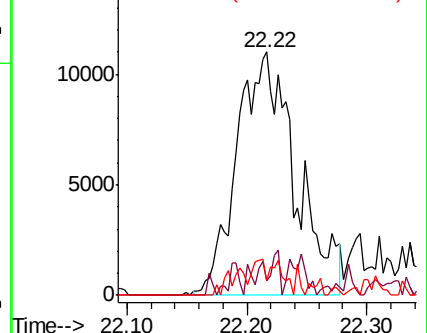
Supervised By :Mahesh Dadoda 05/10/2021



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: 0.282 ppbv m

RT: 21.95 min Scan# 5959

Delta R.T. 0.02 min

Lab File: VL036904.D

Acq: 6 May 2021 15:27

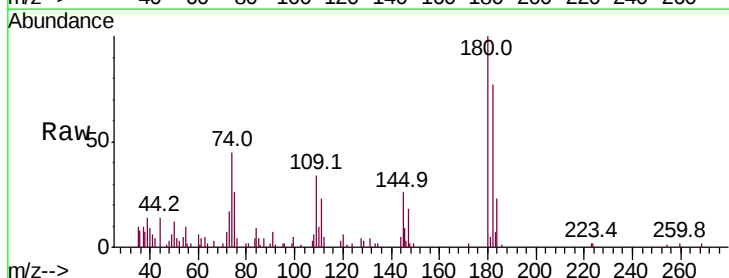
Tgt Ion:180 Resp: 36118

Ion Ratio Lower Upper

180 100

182 103.3 80.9 121.3

184 39.6 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

