

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101821\
 Data File : VL037859.D
 Acq On : 18 Oct 2021 19:24
 Operator : SY/AP
 Sample : M4068-13 0.40 LOD
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2021

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/25/2021
 Supervised By : Mahesh Dadoda 10/27/2021

Quant Time: Oct 19 09:05:32 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A

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

QLast Update : Mon Oct 04 17:43:54 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1238638	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3648984	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3126207	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2220726	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	117085	0.592	ppbv	96
3) Chlorodifluoromethane	2.99	51	114576	0.481	ppbv	95
4) Chloromethane	3.15	50	42797	0.491	ppbv #	82
5) Vinyl Chloride	3.27	62	36259	0.454	ppbv	92
6) Bromomethane	3.48	94	21489m	0.497	ppbv	
7) Chloroethane	3.56	64	12399	0.422	ppbv	91
8) Dichlorotetrafluoroethane	3.19	85	90027	0.460	ppbv	93
9) Propene	3.01	41	39908m	0.456	ppbv	
10) Heptane	8.13	43	75716m	0.381	ppbv	
11) Trichlorofluoromethane	3.95	101	85242	0.483	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	61694	0.461	ppbv	88
13) Ethanol	3.64	45	6023m	0.841	ppbv	
14) Bromoethene	3.74	108	29196m	0.496	ppbv	
15) Acetone	3.88	43	63641	0.572	ppbv	98
16) 1,3-Butadiene	3.33	39	32792	0.405	ppbv	89
17) tert-Butyl alcohol	4.33	59	52663m	0.460	ppbv	
18) 1,1-Dichloroethene	4.29	96	28391	0.467	ppbv #	73
19) Isopropyl Alcohol	4.00	45	27027m	0.391	ppbv	
20) Methylene Chloride	4.35	84	39616m	0.705	ppbv	
21) Allyl Chloride	4.41	41	36828	0.374	ppbv #	67
22) trans-1,2-Dichloroethene	4.89	96	29758m	0.487	ppbv	
23) Vinyl Acetate	5.10	43	74865m	0.449	ppbv	
24) 1,1-Dichloroethane	5.01	63	58069	0.479	ppbv	98
25) Ethyl Acetate	5.70	43	136175	0.436	ppbv	98
26) Hexane	5.69	57	62443	0.406	ppbv #	87
27) Carbon Disulfide	4.56	76	52558m	0.386	ppbv	
28) Methyl tert-Butyl Ether	5.06	73	55511	0.434	ppbv	95
29) Chloroform	5.75	83	101138	0.461	ppbv	96
30) Cyclohexane	7.13	84	51959m	0.399	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	52942m	0.380	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	85424	0.410	ppbv	95
34) 2-Butanone	5.27	43	52819	0.359	ppbv #	83
35) Carbon Tetrachloride	7.02	117	85686	0.413	ppbv	95
36) Benzene	6.89	78	119678	0.384	ppbv #	90
37) 1,2-Dichloroethane	6.31	62	57923	0.395	ppbv #	92
38) Trichloroethene	7.83	130	49681	0.403	ppbv	92
39) 1,2-Dichloropropane	7.61	63	49223m	0.420	ppbv	
41) Tetrahydrofuran	6.07	42	25410m	0.352	ppbv	
42) Bromodichloromethane	7.79	83	86423	0.401	ppbv	88
43) Methyl Methacrylate	8.02	69	28766	0.283	ppbv	91
44) 2,2,4-Trimethylpentane	7.87	57	200274	0.382	ppbv #	90

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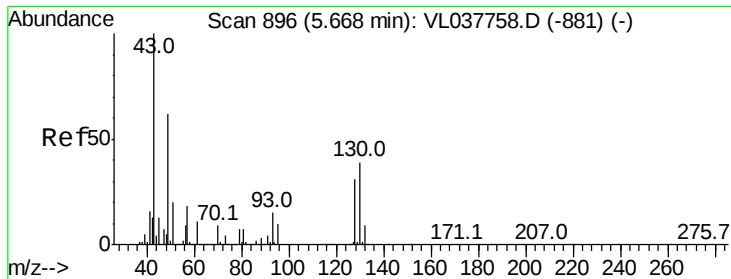
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Oct 04 17:43:54 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) t-1,3-Dichloropropene	9.28	75	21277m	0.304	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	26622m	0.274	ppbv	
47) 1,1,2-Trichloroethane	9.47	97	59888m	0.470	ppbv	
48) Dibromochloromethane	10.30	129	61988	0.341	ppbv	90
49) Bromoform	13.04	173	46628m	0.335	ppbv	
50) 4-Methyl-2-Pentanone	8.77	43	62609m	0.326	ppbv	
51) 2-Hexanone	10.17	43	19881m	0.232	ppbv	
52) Tetrachloroethene	11.22	164	47780m	0.394	ppbv	
53) Toluene	9.81	91	99659	0.289	ppbv	97
54) 1,2-Dibromoethane	10.61	107	63199m	0.367	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.13	131	62086	0.480	ppbv #	1
57) Chlorobenzene	12.15	112	125683m	0.490	ppbv	
58) Ethyl Benzene	12.71	91	134698	0.321	ppbv	94
59) m/p-Xylene	13.00	91	265913m	0.738	ppbv	
60) o-Xylene	13.69	91	133121m	0.385	ppbv	
61) Styrene	13.53	104	39969m	0.239	ppbv	
62) Isopropylbenzene	14.66	105	191089	0.397	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	114117	0.428	ppbv	94
64) n-propylbenzene	15.56	120	44158m	0.368	ppbv	
65) tert-Butylbenzene	16.75	119	159777	0.377	ppbv	93
66) Benzyl Chloride	16.99	91	9680m	0.463	ppbv	
67) sec-Butylbenzene	17.29	105	215432	0.372	ppbv	98
69) p-Isopropyltoluene	17.65	119	161418	0.344	ppbv	96
70) n-Butylbenzene	18.55	91	153995m	0.346	ppbv	
71) 2-Chlorotoluene	15.45	91	122214m	0.359	ppbv	
72) 4-Ethyltoluene	15.84	105	122357	0.312	ppbv #	93
73) 1,3,5-Trimethylbenzene	15.99	105	137513m	0.386	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	158186m	0.423	ppbv	
75) 1,3-Dichlorobenzene	16.99	146	95874	0.414	ppbv	81
76) 1,4-Dichlorobenzene	17.13	146	90273m	0.408	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	92271m	0.415	ppbv	
78) Hexachloro-1,3-Butadiene	23.37	225	89926m	0.495	ppbv	
79) Naphthalene	22.21	128	53657m	0.234	ppbv	
81) 1,2,4-Trichlorobenzene	21.93	180	48736m	0.333	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

49 100

128 55.

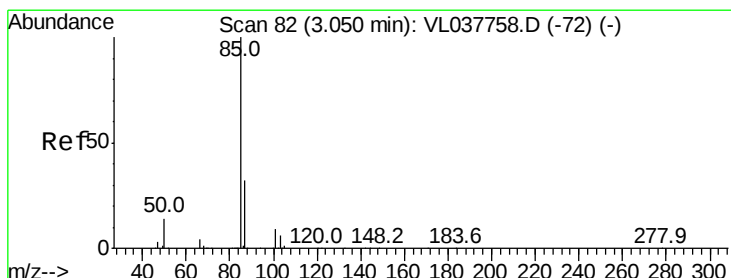
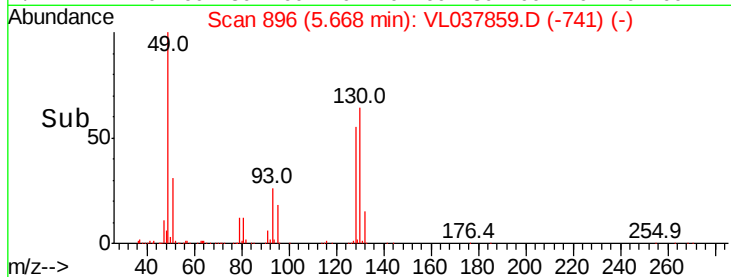
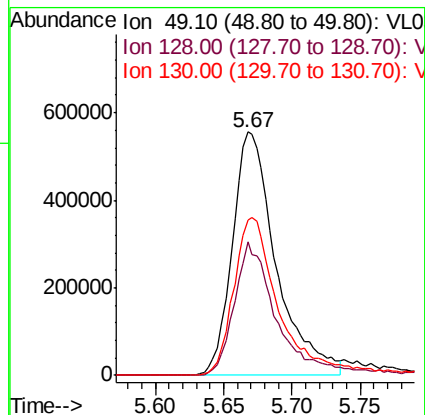
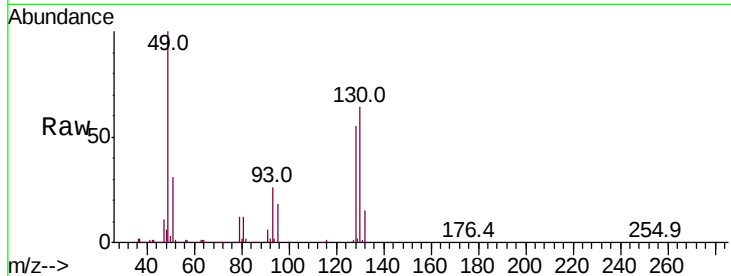
130 70.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#2

Dichlorodifluoromethane

Concen: 0.592 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL037859.D

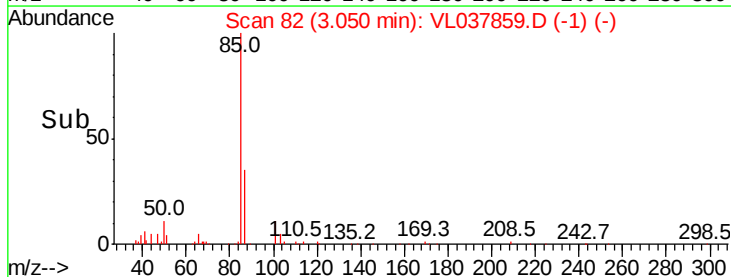
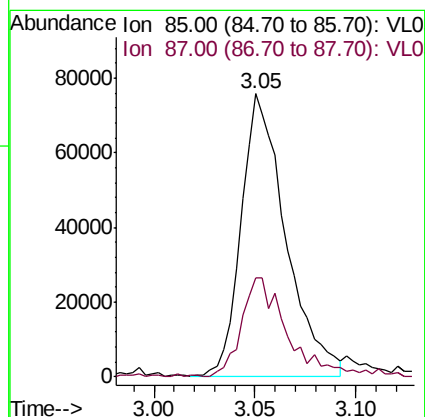
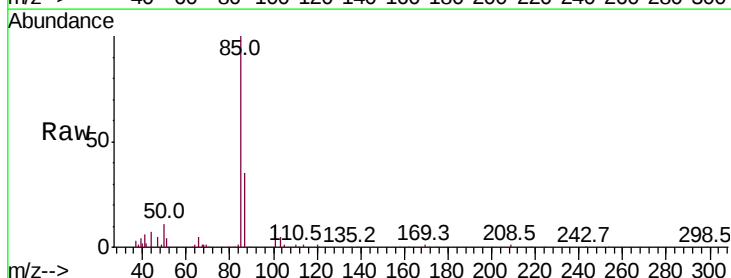
Acq: 18 Oct 2021 19:24

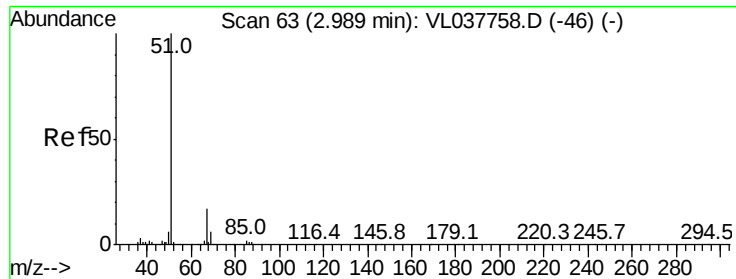
Tgt Ion: 85 Resp: 117085

Ion Ratio Lower Upper

85 100

87 34.5 25.7 38.5





#3

Chlorodifluoromethane

Concen: 0.481 ppbv

RT: 2.99 Instrument: MSVOA_L

Delta R.T. 0.00 min

Lab File: ClientSampleId: LOD-MDL-AIR-01-QT4-2021

Acq: 18 Oct 2021 19:24

Tot Ion:

Ion Ratio

51 100

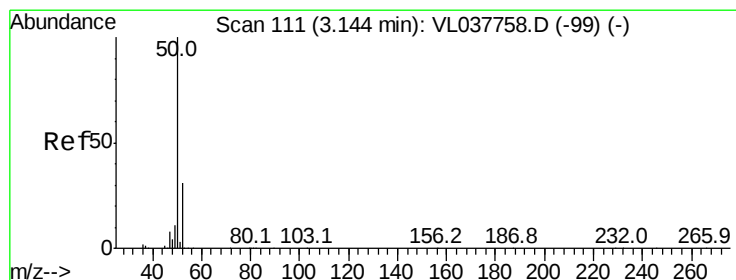
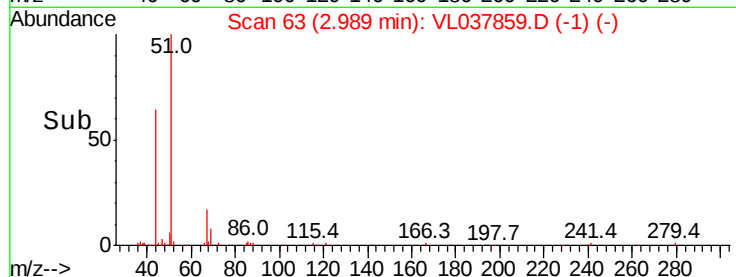
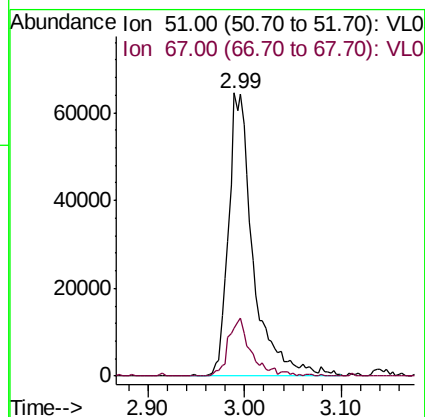
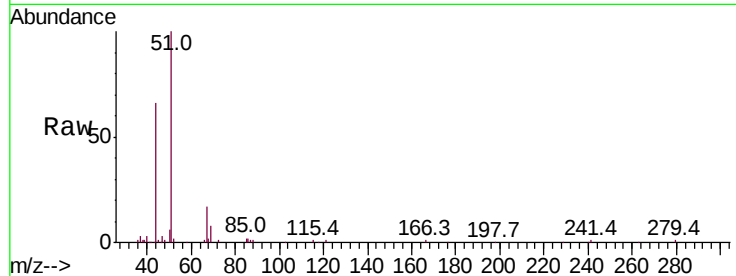
67 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#4

Chloromethane

Concen: 0.491 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL037859.D

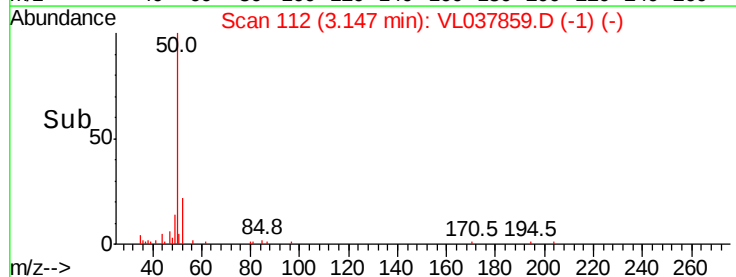
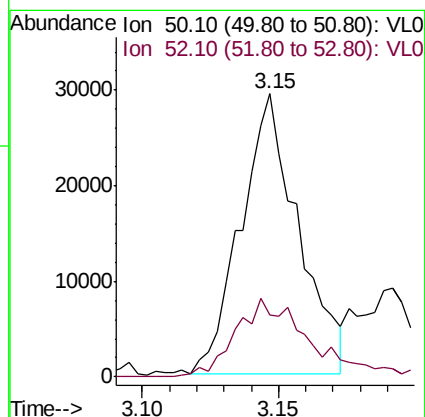
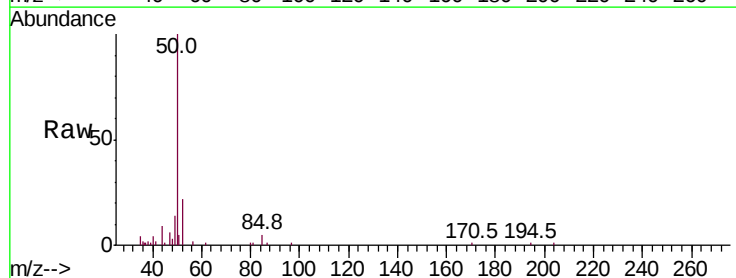
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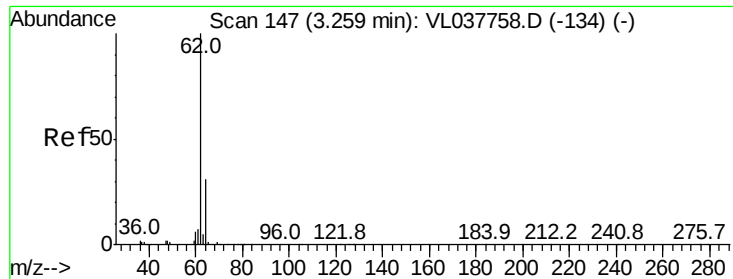
Tgt Ion: 50 Resp: 42797

Ion Ratio Lower Upper

50 100

52 20.9 24.4 36.6#





#5

Vinyl Chloride

Concen: 0.454 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

62 100

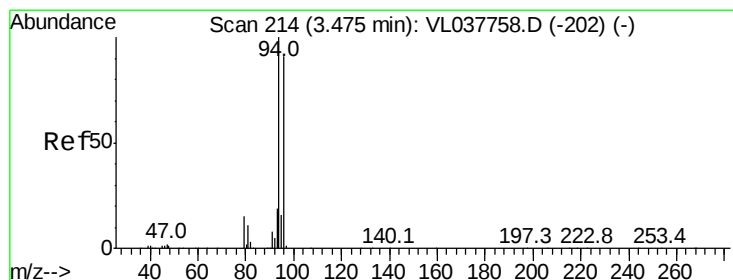
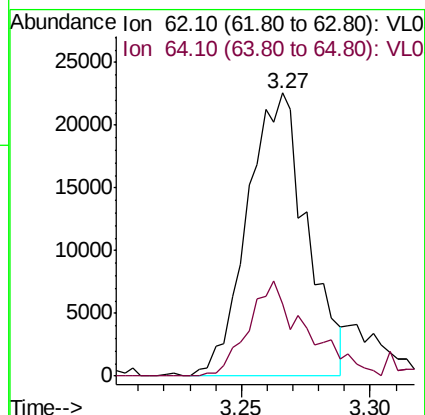
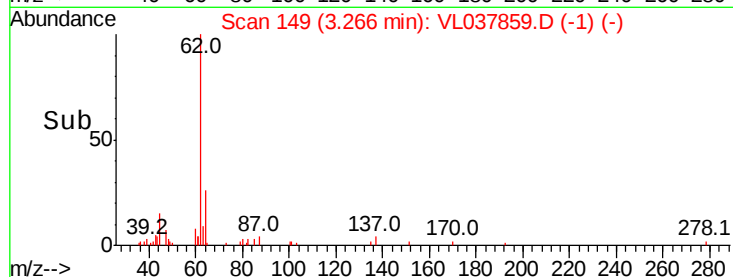
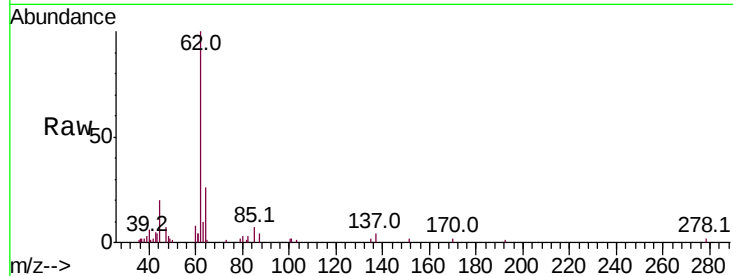
64 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#6

Bromomethane

Concen: 0.497 ppbv m

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL037859.D

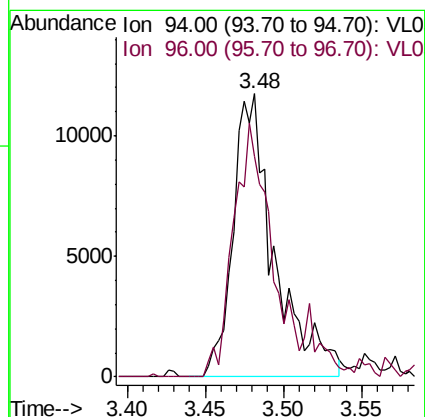
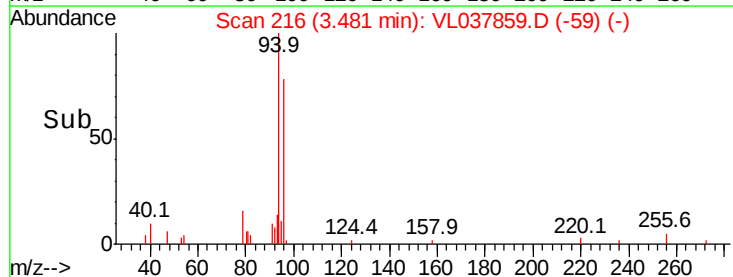
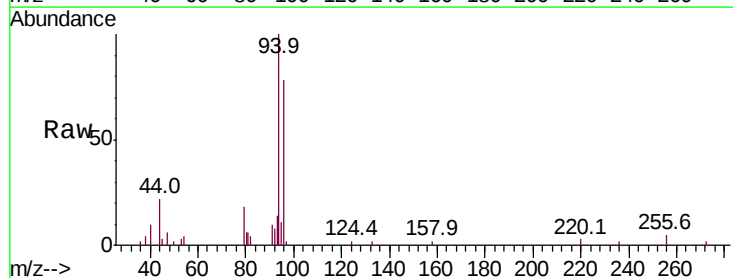
Acq: 18 Oct 2021 19:24

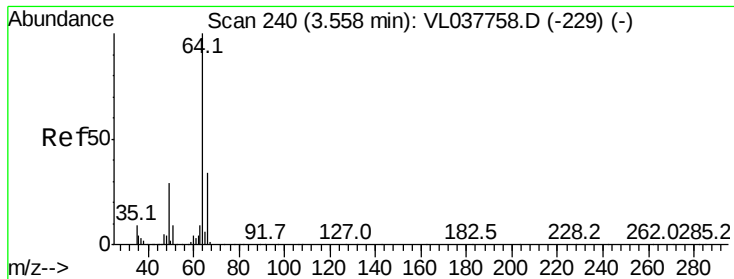
Tgt Ion: 94 Resp: 21489

Ion Ratio Lower Upper

94 100

96 77.9 72.5 108.7





#7

Chloroethane

Concen: 0.422 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

64 100

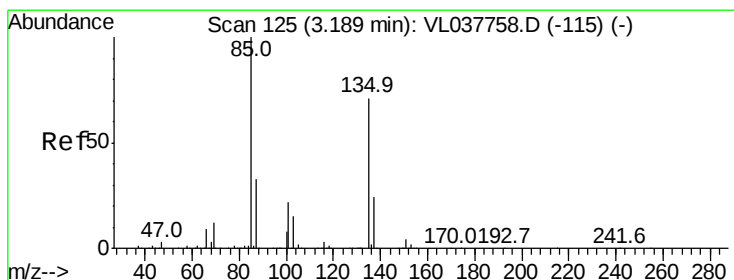
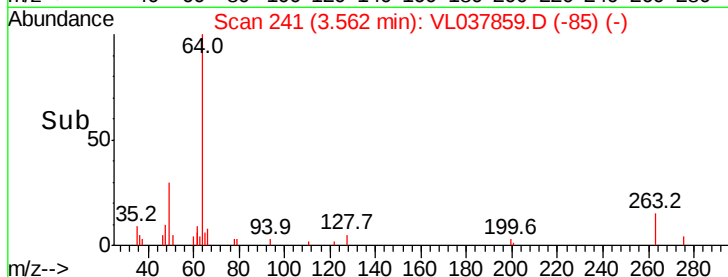
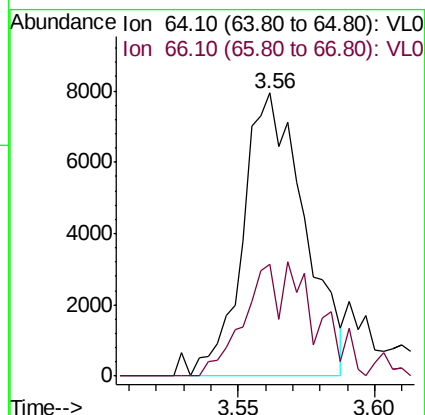
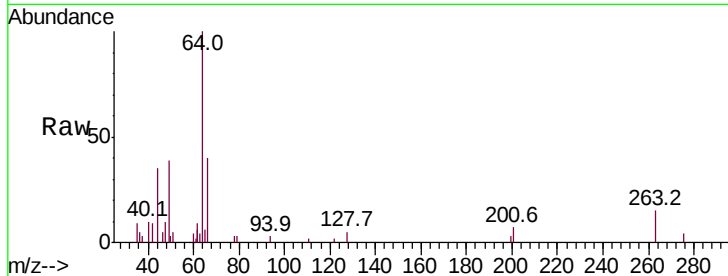
66 39.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#8

Dichlorotetrafluoroethane

Concen: 0.460 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL037859.D

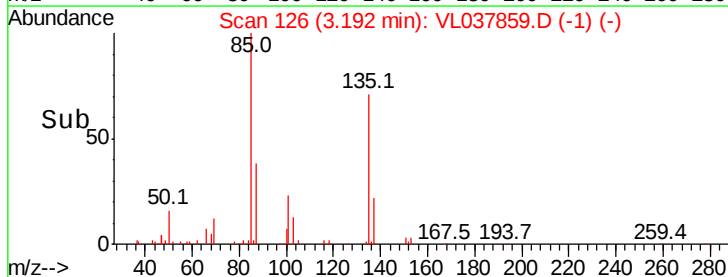
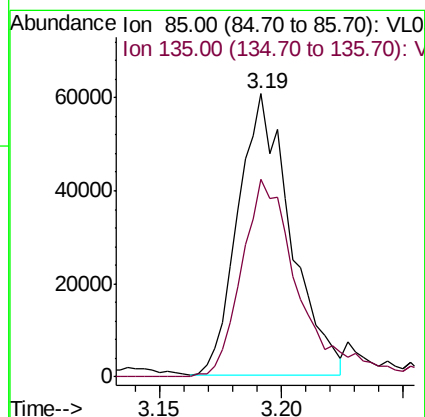
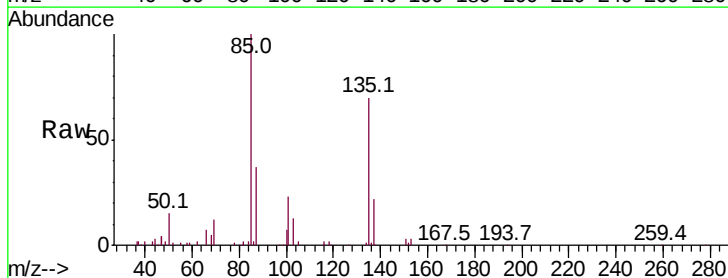
Acq: 18 Oct 2021 19:24

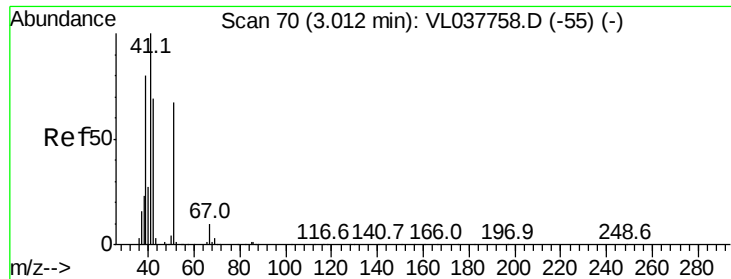
Tgt Ion: 85 Resp: 90027

Ion Ratio Lower Upper

85 100

135 80.1 59.5 89.3





#9

Propene

Concen: 0.456 ppbv m

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24

Manual Integrations

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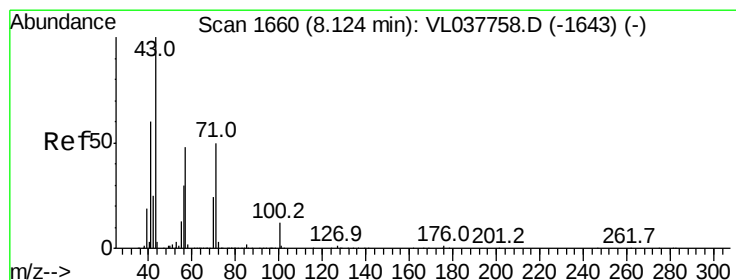
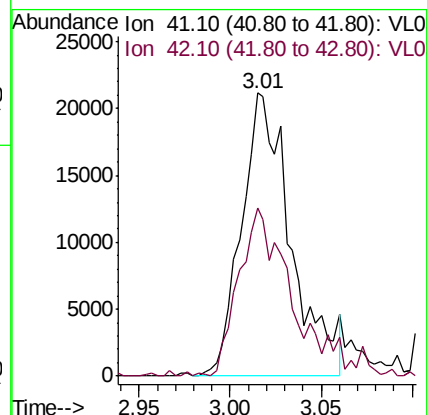
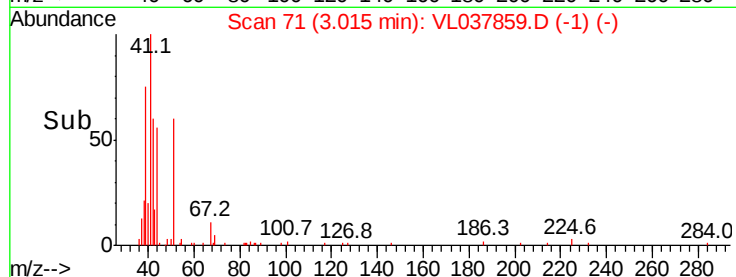
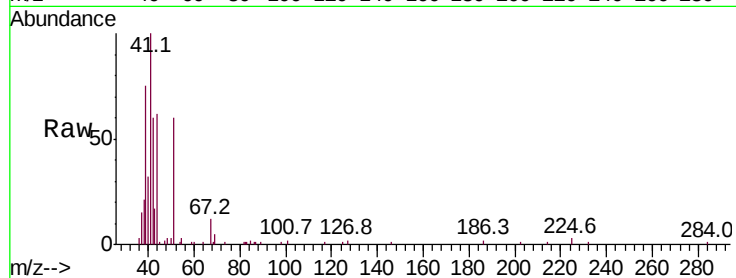
Supervised By :Mahesh Dadoda 10/27/2021

Tot Ion:

Ion Ratio

41 100

42 66.



#10

Heptane

Concen: 0.381 ppbv m

RT: 8.13 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VL037859.D

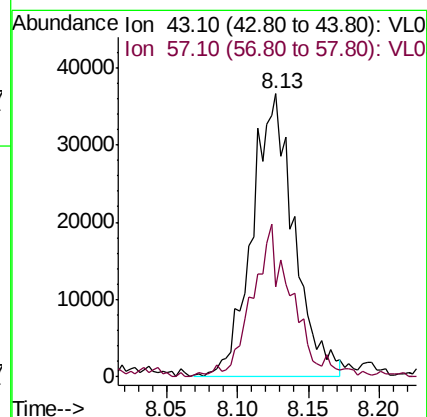
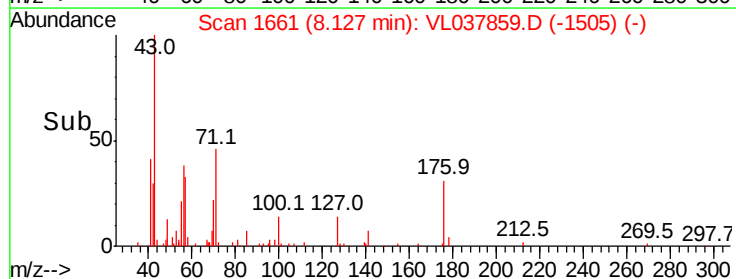
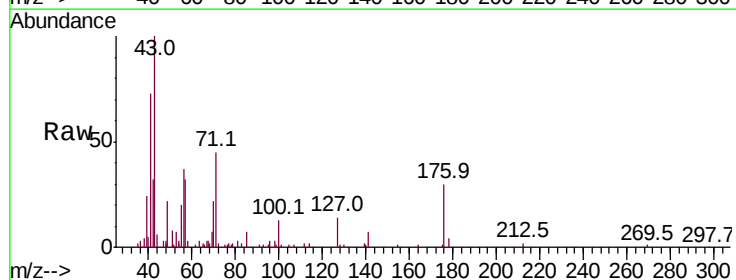
Acq: 18 Oct 2021 19:24

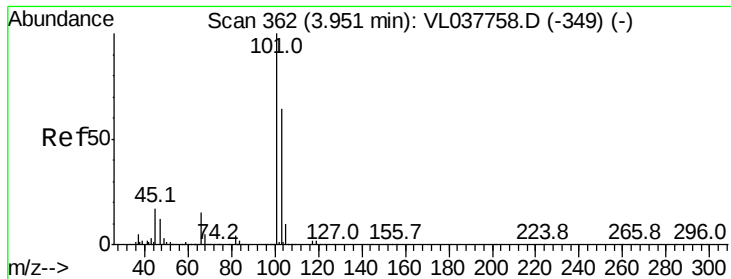
Tgt Ion: 43 Resp: 75716

Ion Ratio Lower Upper

43 100

57 52.2 40.0 60.0



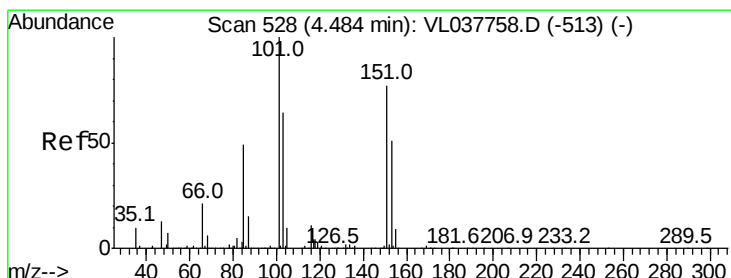
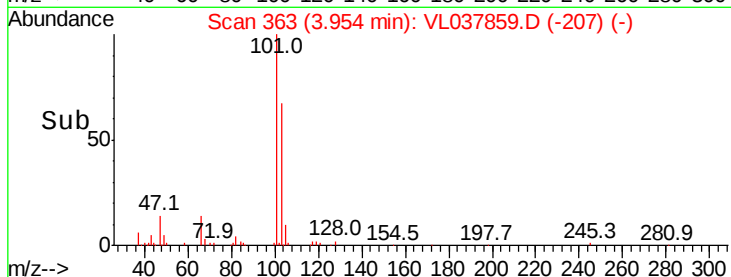
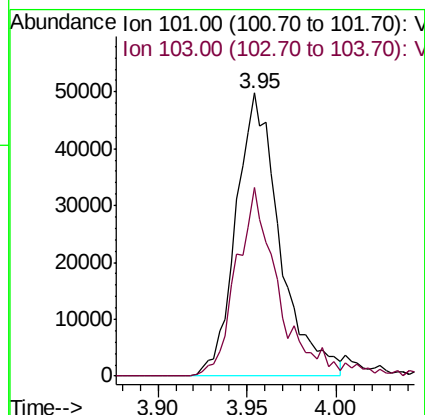
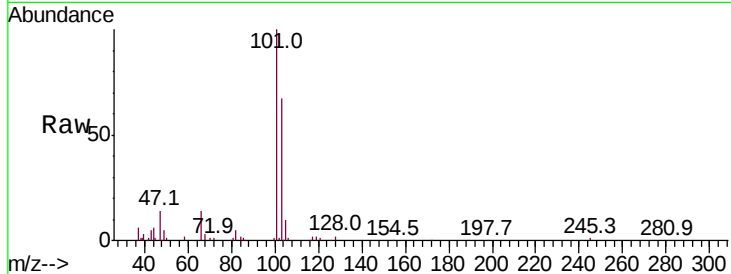


#11
 Trichlorofluoromethane
 Concen: 0.483 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT4-2021
 Acq: 18 Oct 2021 19:24

Tot Ion:1
 Ion Rati
 101 100
 103 66.

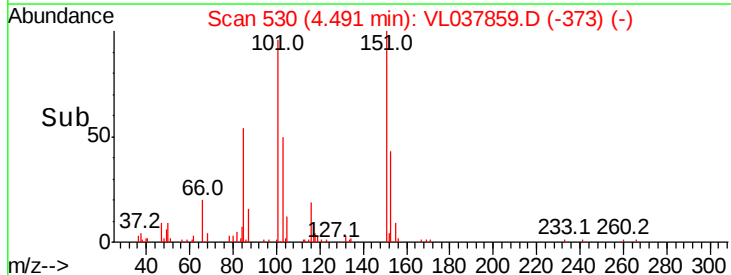
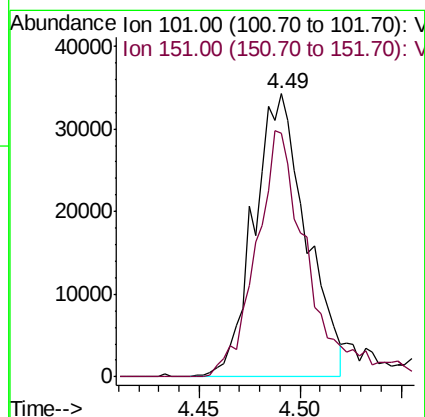
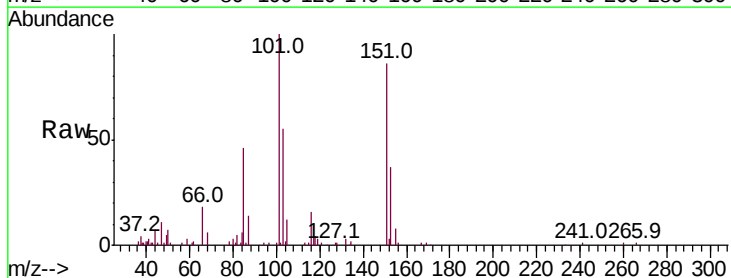
Manual Integrations
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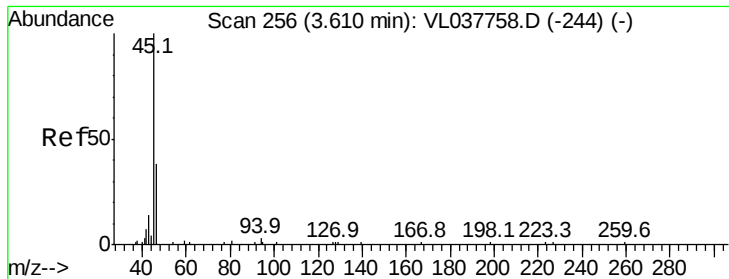
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.461 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VL037859.D
 Acq: 18 Oct 2021 19:24

Tgt Ion:101 Resp: 61694
 Ion Ratio Lower Upper
 101 100
 151 89.3 62.9 94.3





#13

Ethanol

Concen: 0.841 ppbv m

RT: 3.64 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

45 100

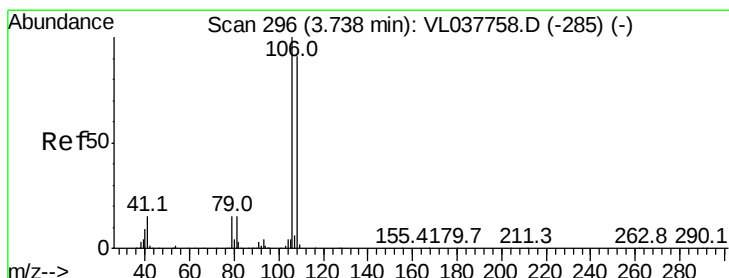
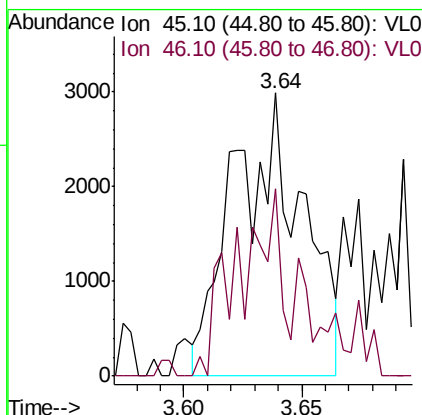
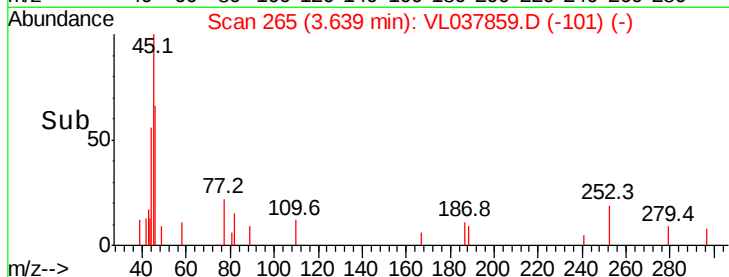
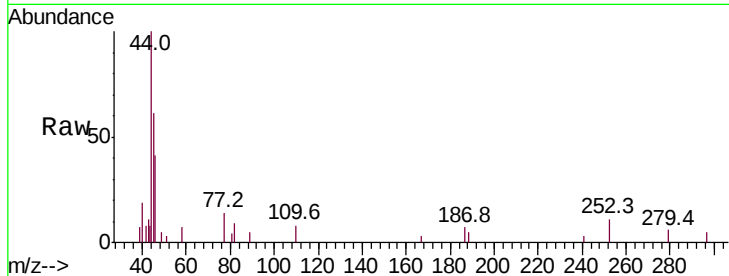
46 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#14

Bromoethene

Concen: 0.496 ppbv m

RT: 3.74 min Scan# 298

Delta R.T. 0.01 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

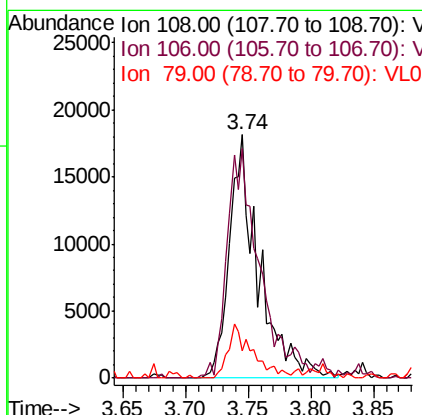
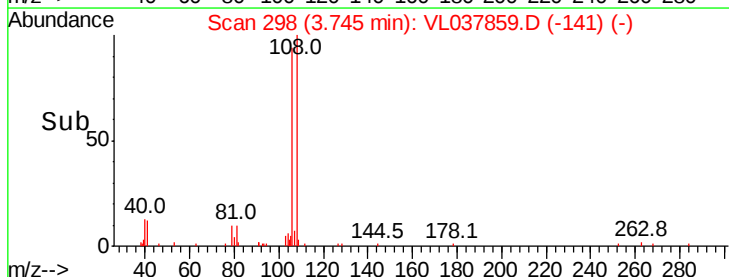
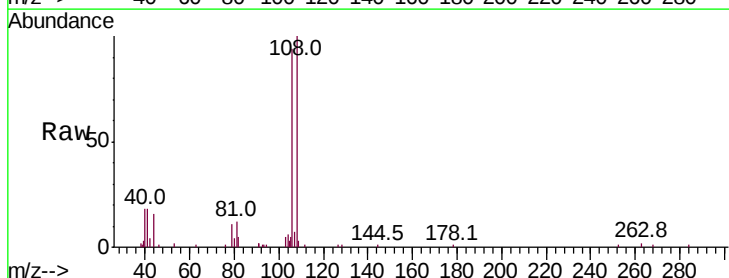
Tgt Ion:108 Resp: 29196

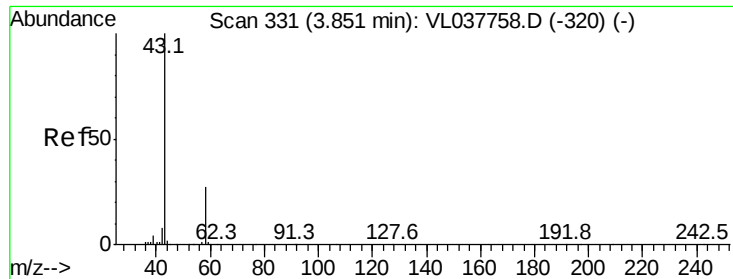
Ion Ratio Lower Upper

108 100

106 108.1 91.9 137.9

79 18.2 13.9 20.9





#15

Acetone

Concen: 0.572 ppbv

RT: 3.88

Delta R.T. MSVOA_L

Lab File:

Acq: 18 Oct 2021 19:24

ClientSampleId :

LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

43 100

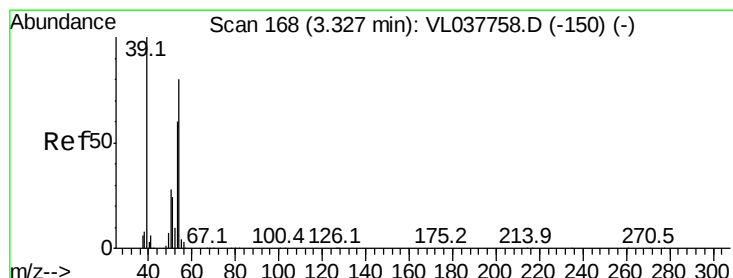
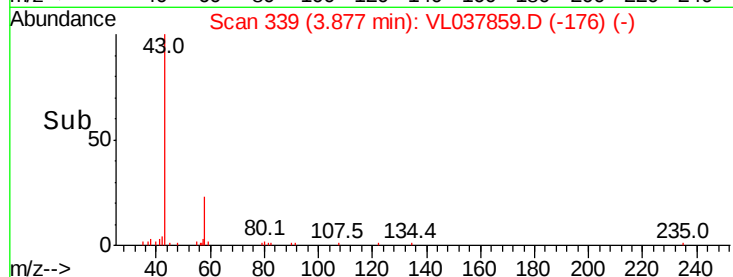
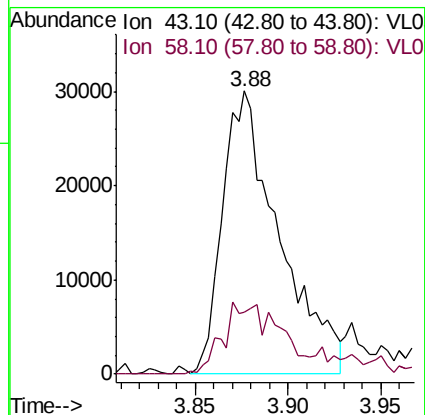
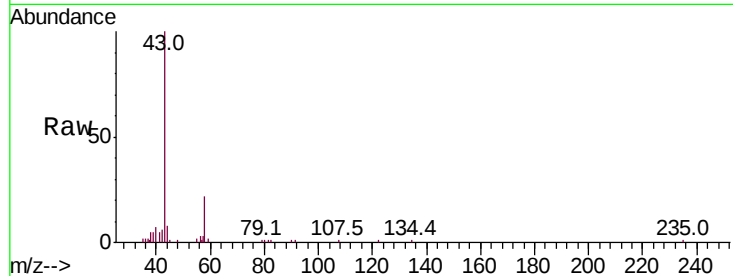
58 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#16

1,3-Butadiene

Concen: 0.405 ppbv

RT: 3.33 min Scan# 169

Delta R.T. 0.00 min

Lab File: VL037859.D

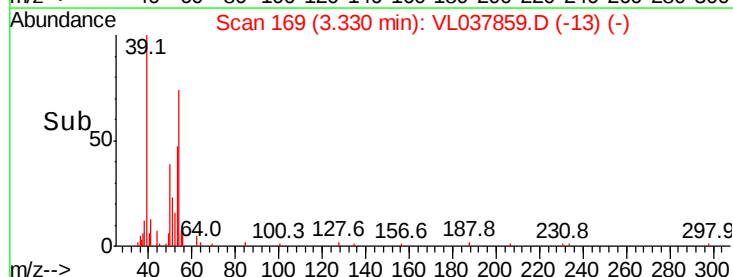
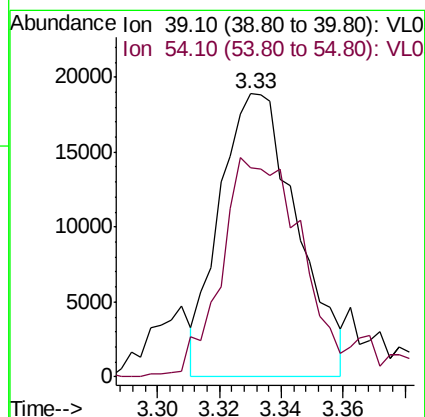
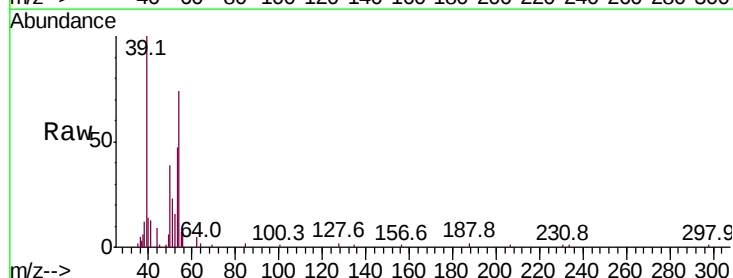
Acq: 18 Oct 2021 19:24

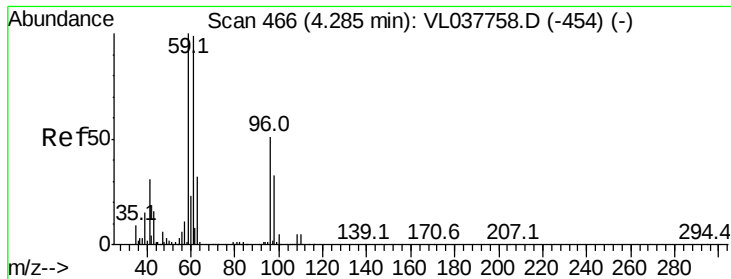
Tgt Ion: 39 Resp: 32792

Ion Ratio Lower Upper

39 100

54 86.7 61.7 92.5





#17

tert-Butyl alcohol

Concen: 0.460 ppbv m

RT: 4.33 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

59 100

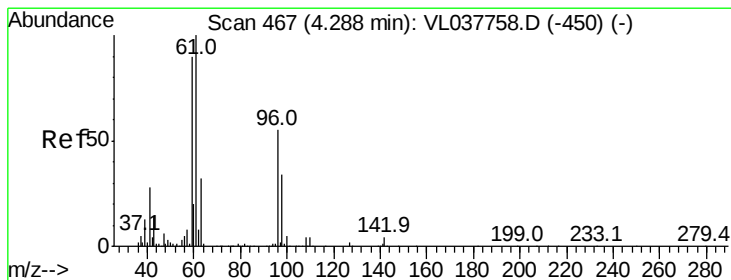
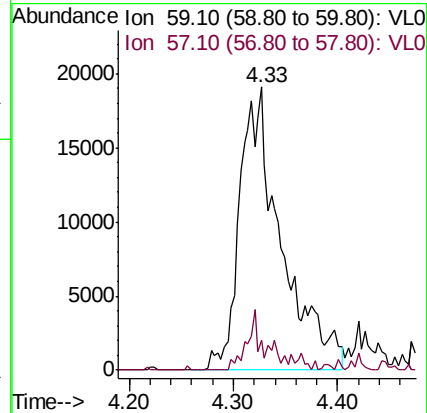
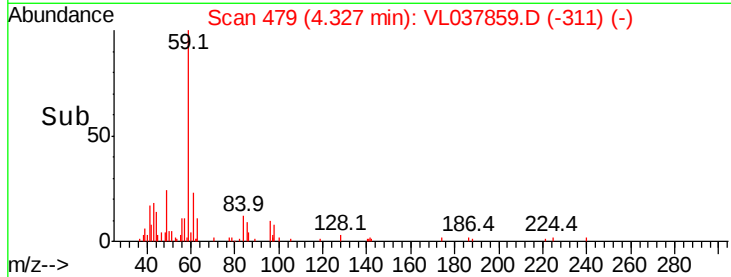
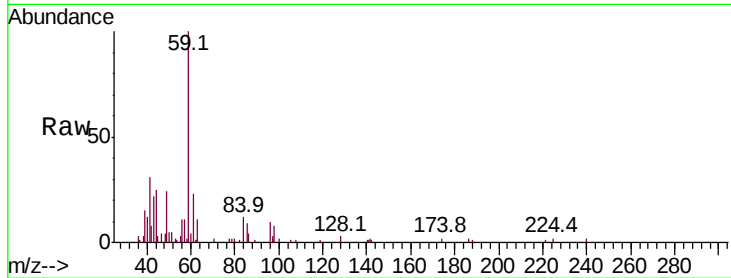
57 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#18

1,1-Dichloroethene

Concen: 0.467 ppbv

RT: 4.29 min Scan# 468

Delta R.T. 0.00 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

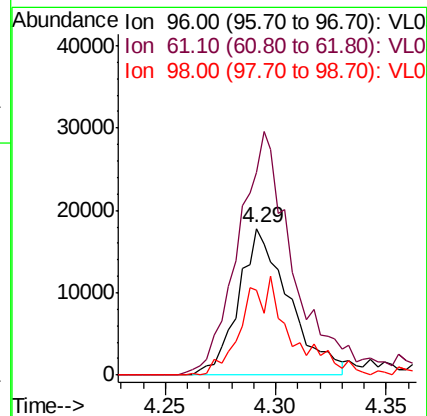
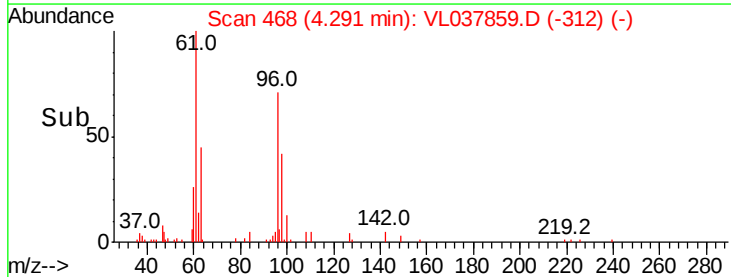
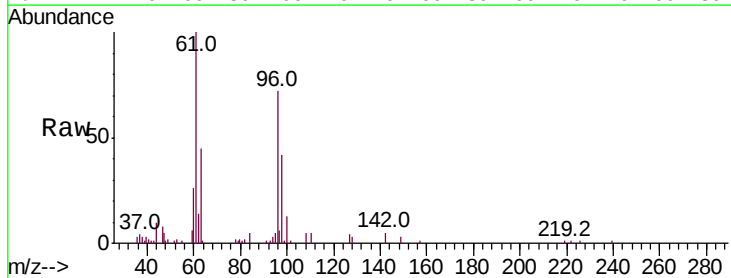
Tgt Ion: 96 Resp: 28391

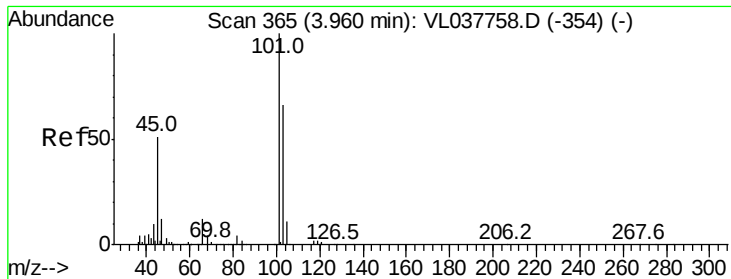
Ion Ratio Lower Upper

96 100

61 134.6 146.2 219.4#

98 56.4 50.0 75.0





#19

Isopropyl Alcohol

Concen: 0.391 ppbv m

RT: 4.00

Delta R.T. MSVOA_L

Lab File:

Acq: 18 Oct 2021 19:24

ClientSampleId :

LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

45 100

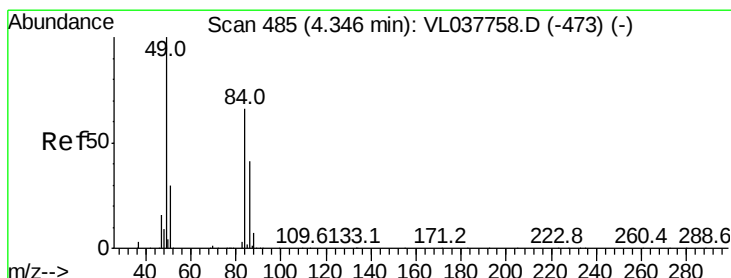
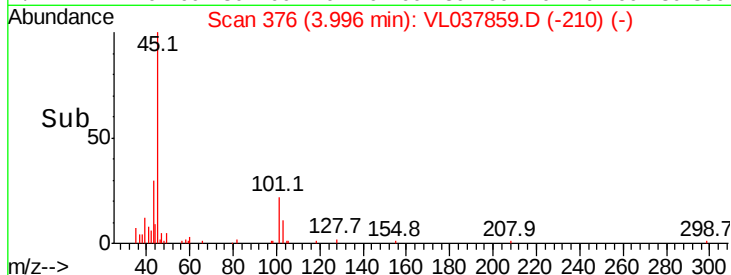
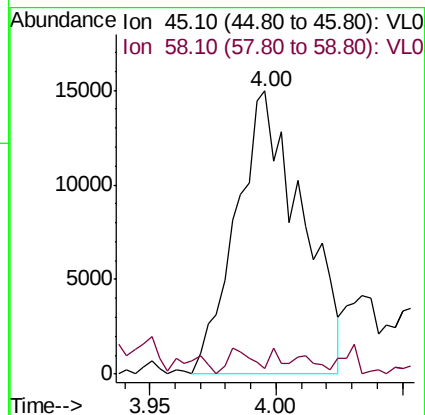
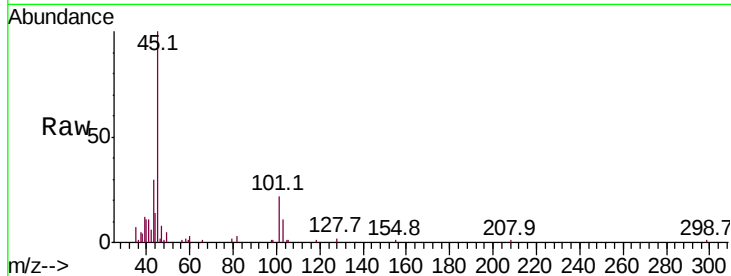
58 7.

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#20

Methylene Chloride

Concen: 0.705 ppbv m

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

Tgt Ion: 84 Resp: 39616

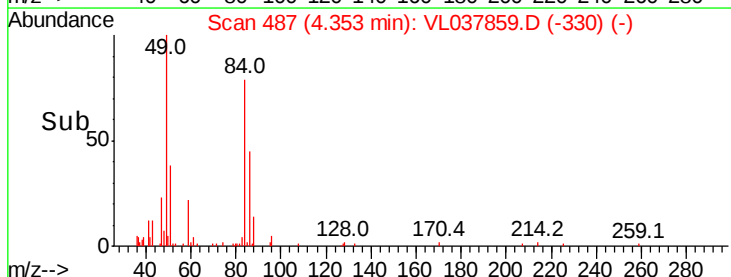
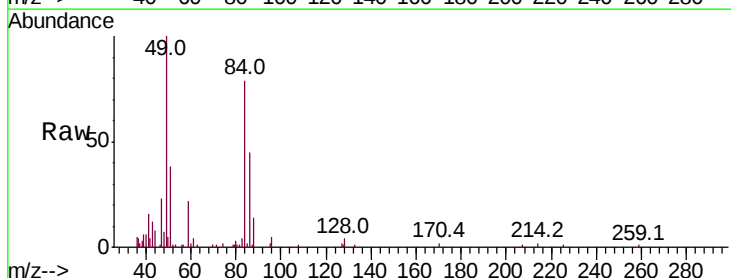
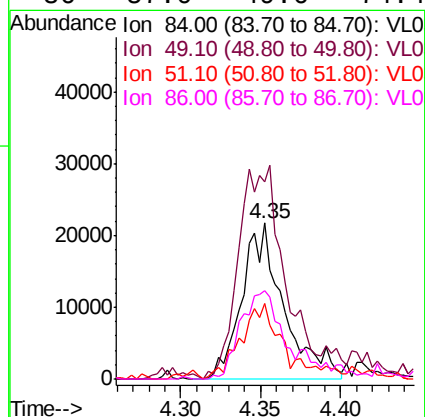
Ion Ratio Lower Upper

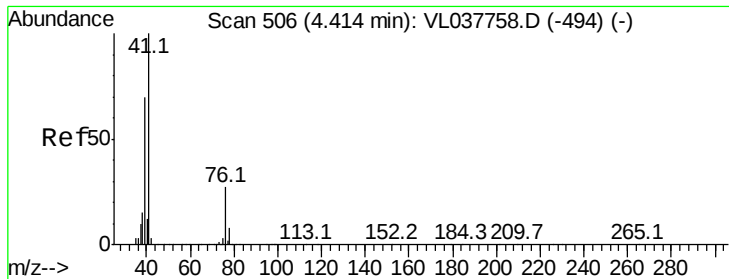
84 100

49 127.0 120.7 181.1

51 48.8 36.2 54.4

86 57.0 49.6 74.4



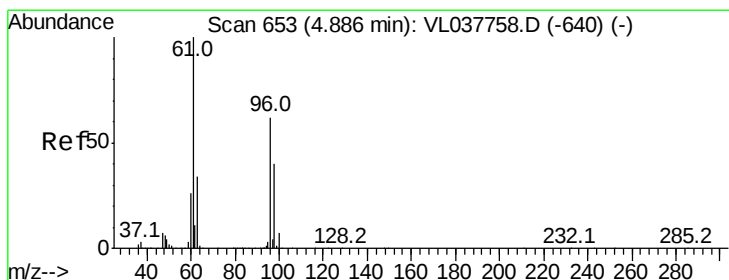
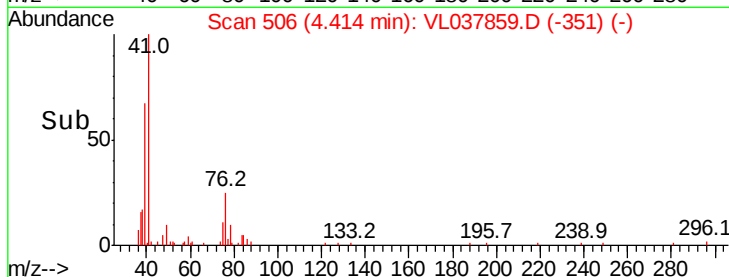
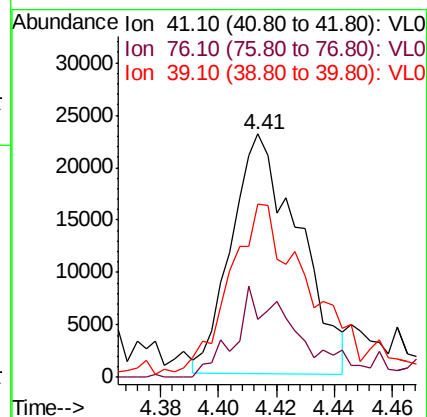
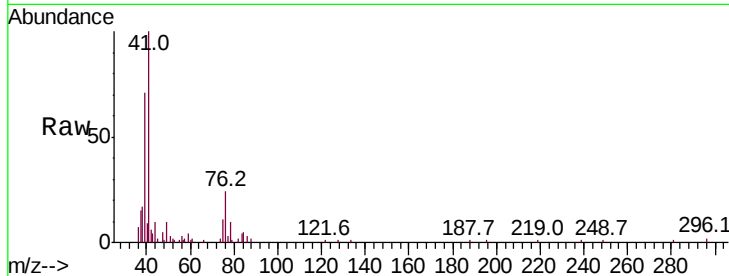


#21
Allvl Chloride
Concen: 0.374 ppbv
RT: 4.41
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Oct 2021 19:24

Tot Ion:
Ion Ratio
41 100
76 40.
39 102.

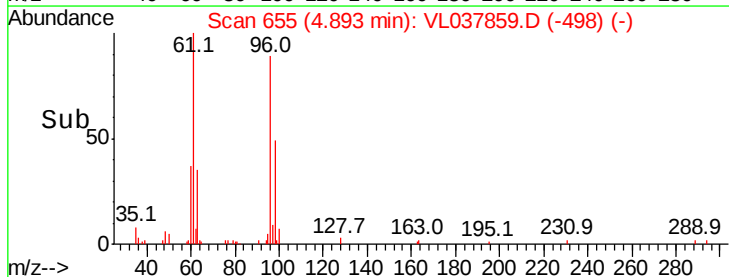
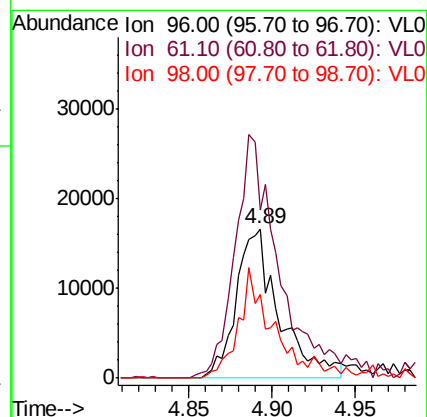
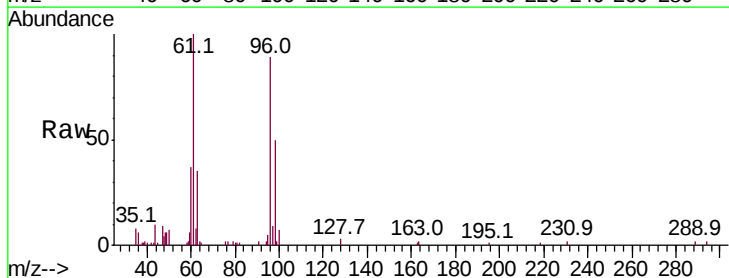
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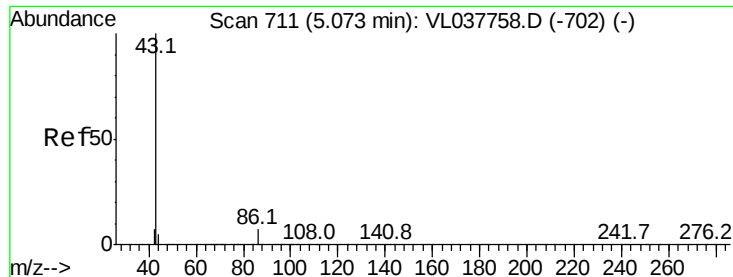
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#22
trans-1,2-Dichloroethene
Concen: 0.487 ppbv m
RT: 4.89 min Scan# 655
Delta R.T. 0.01 min
Lab File: VL037859.D
Acq: 18 Oct 2021 19:24

Tgt Ion: 96 Resp: 29758
Ion Ratio Lower Upper
96 100
61 112.8 129.0 193.6#
98 56.4 51.7 77.5





#23

Vinyl Acetate

Concen: 0.449 ppbv m

RT: 5.10 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

43 100

86 9.

42 9.

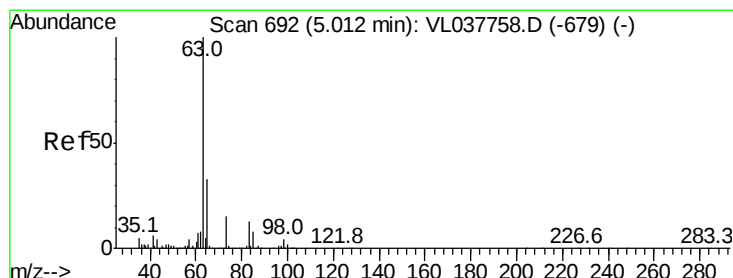
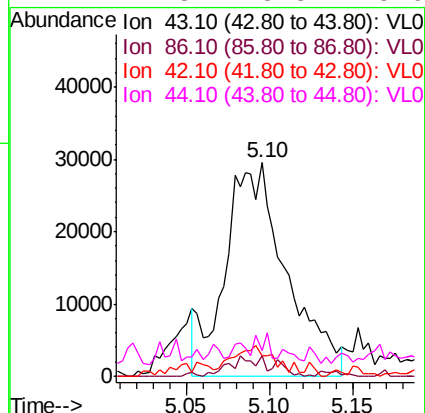
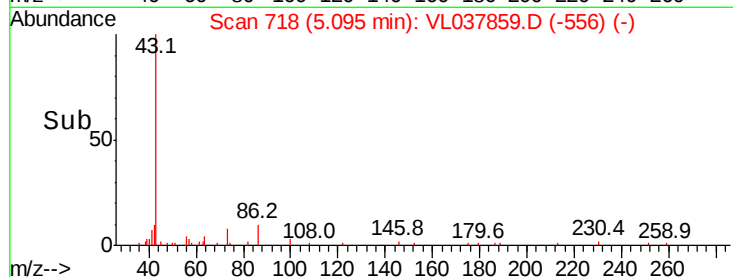
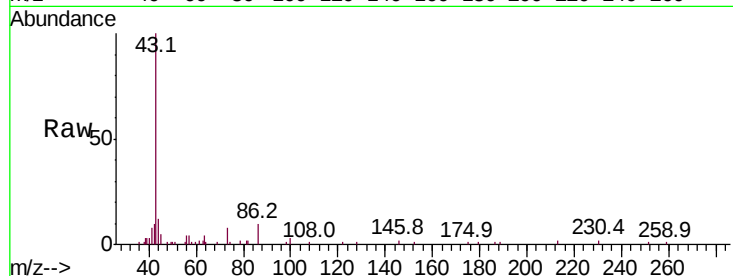
44 11.8 3.8 5.6#

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#24

1,1-Dichloroethane

Concen: 0.479 ppbv

RT: 5.01 min Scan# 692

Delta R.T. -0.00 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

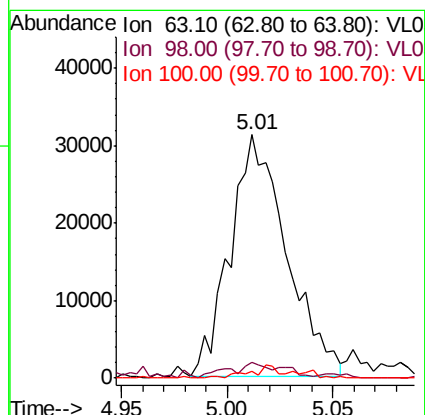
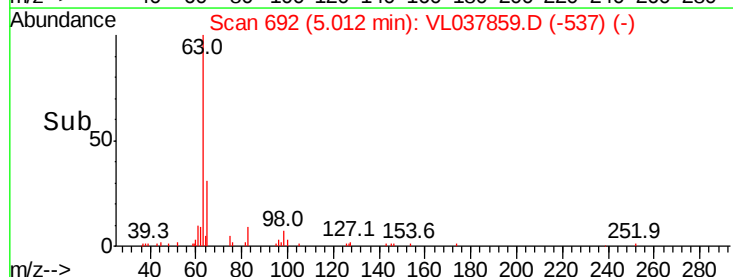
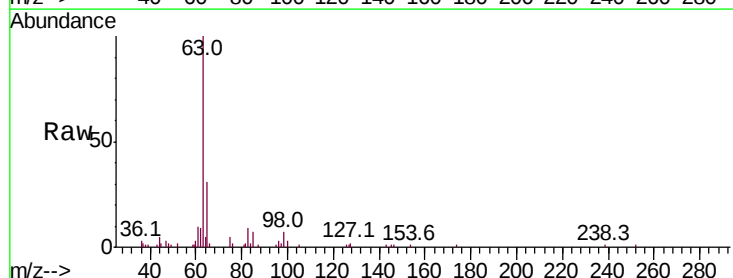
Tgt Ion: 63 Resp: 58069

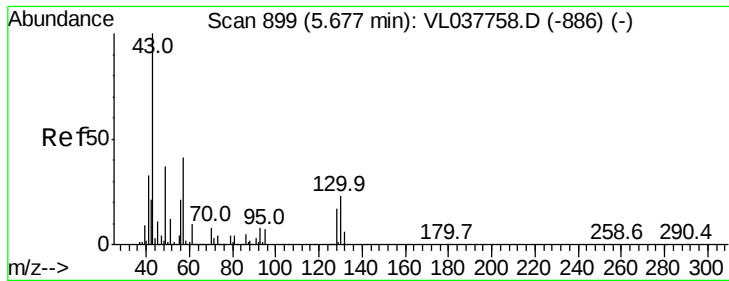
Ion Ratio Lower Upper

63 100

98 5.3 2.3 6.9

100 2.7 1.1 3.1



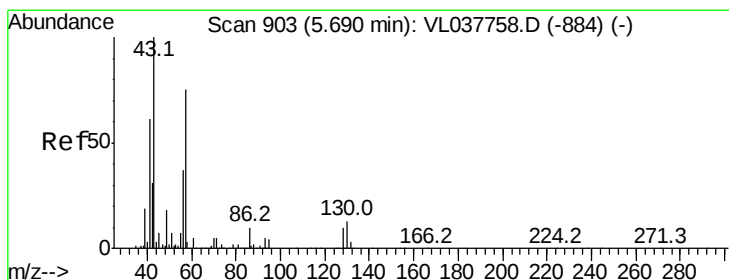
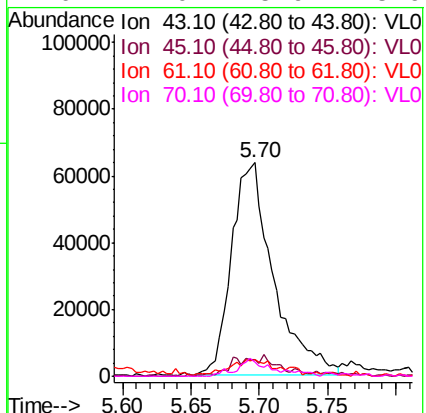
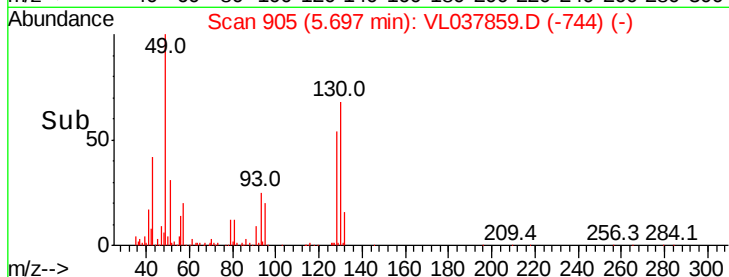
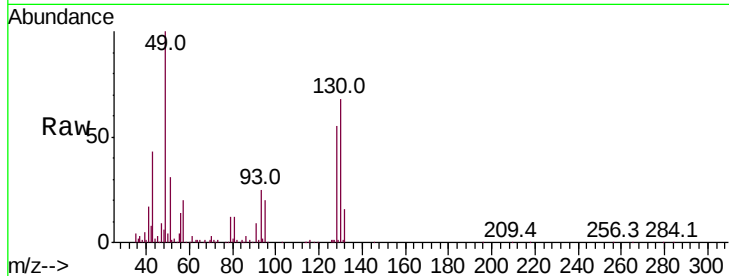


#25
Ethyl Acetate
Concen: 0.436 ppbv
RT: 5.70
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Oct 2021 19:24
LOD-MDL-AIR-01-QT4-2021

Tot Ion:
Ion Ratio
43 100
45 10.
61 11.
70 7.0 5.9 8.9

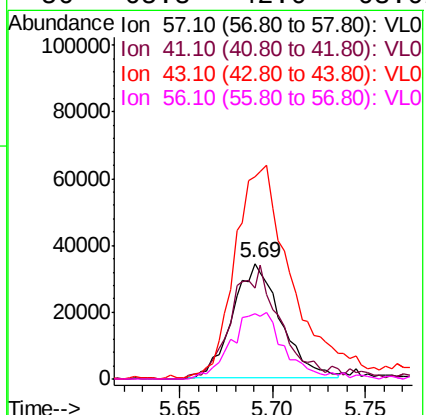
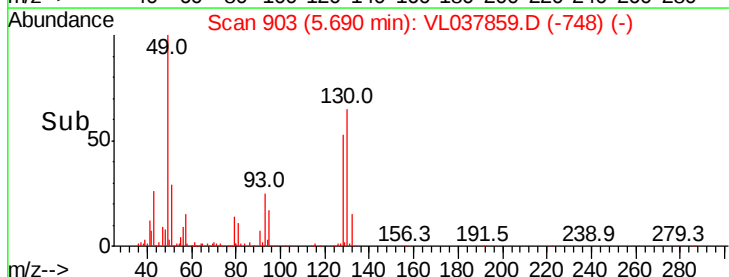
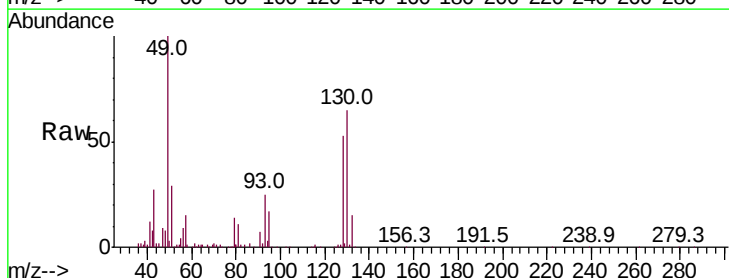
Manual Integrations
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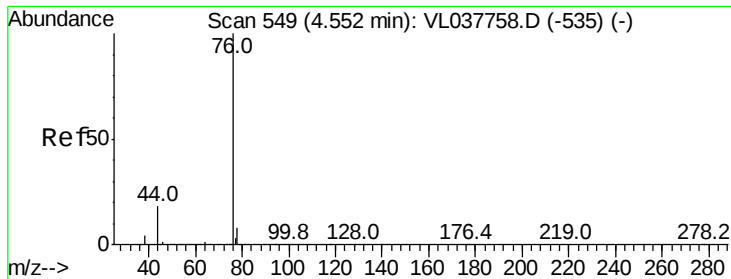
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#26
Hexane
Concen: 0.406 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL037859.D
Acq: 18 Oct 2021 19:24

Tgt Ion: 57 Resp: 62443
Ion Ratio Lower Upper
57 100
41 106.8 69.6 104.4#
43 228.4 171.4 257.0
56 65.8 42.0 63.0#





#27

Carbon Disulfide

Concen: 0.386 ppbv m

RT: 4.56 Instrument:

Delta R.T. MSVOA_L

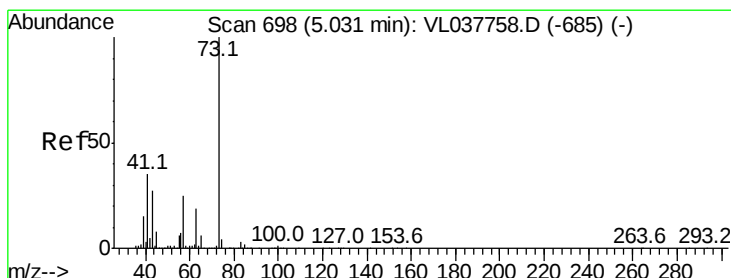
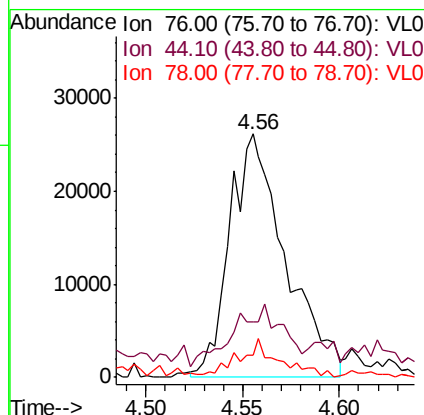
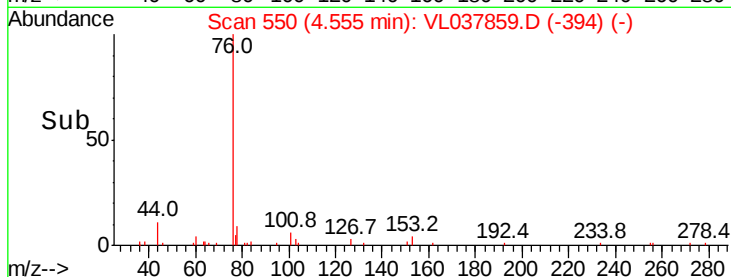
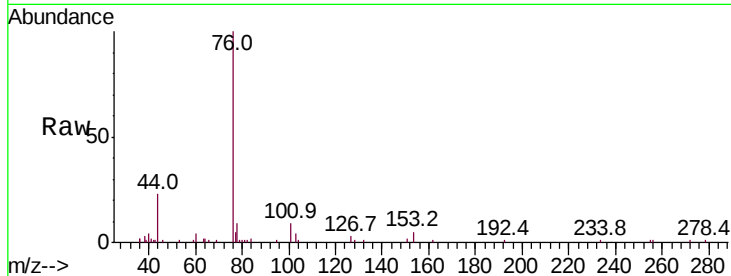
Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24 LOD-MDL-AIR-01-QT4-2021

Tot Ion:
Ion Ratio
76 100
44 27.
78 12.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#28

Methyl tert-Butyl Ether

Concen: 0.434 ppbv

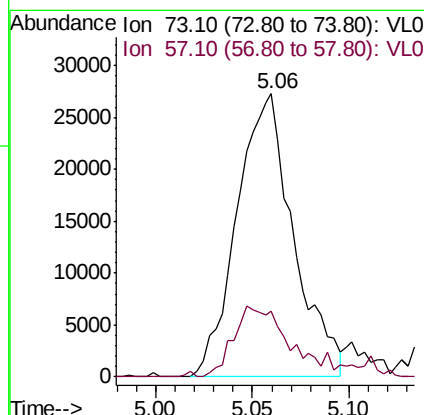
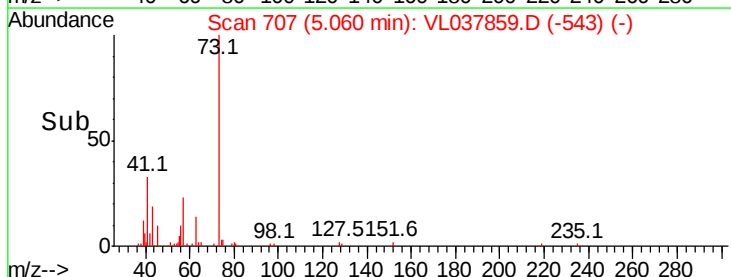
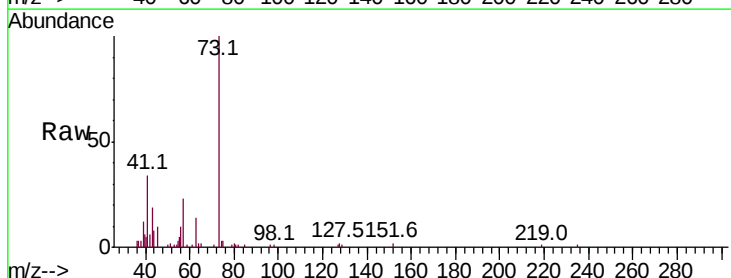
RT: 5.06 min Scan# 707

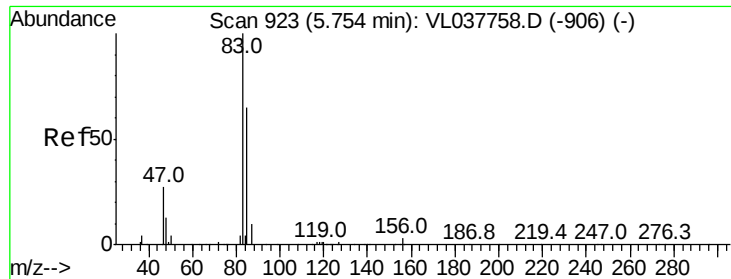
Delta R.T. 0.03 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

Tgt Ion: 73 Resp: 55511
Ion Ratio Lower Upper
73 100
57 28.0 20.4 30.6



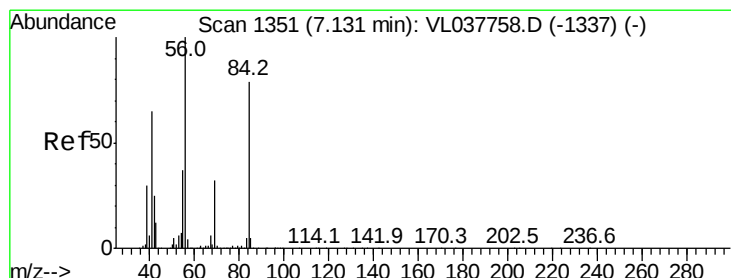
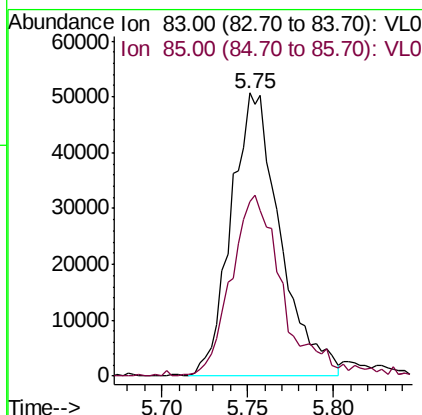
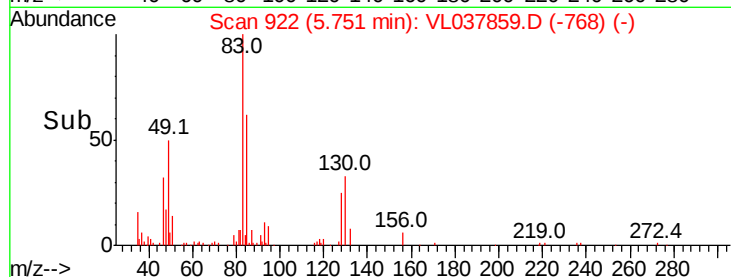
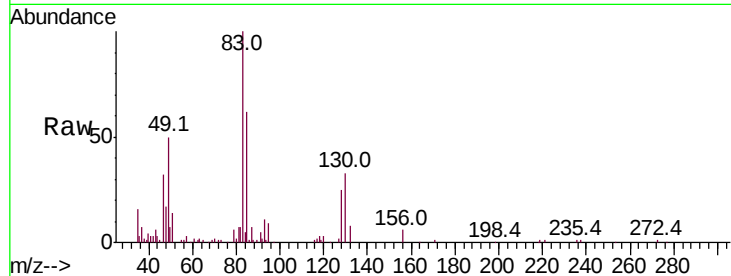


#29
Chloroform
Concen: 0.461 ppbv
RT: 5.75
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Oct 2021 19:24
LOD-MDL-AIR-01-QT4-2021

Tot Ion:
Ion Ratio
83 100
85 61.

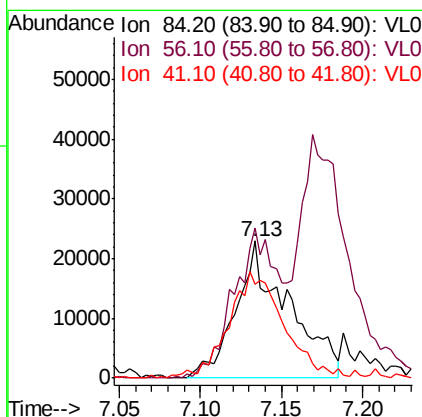
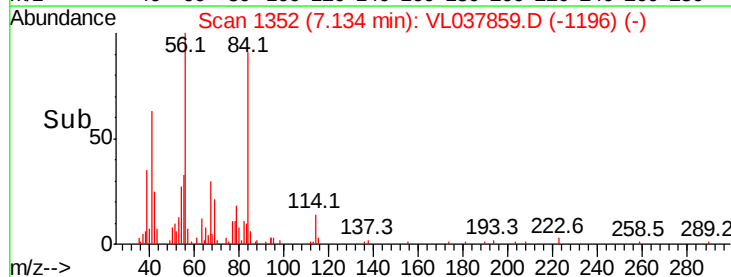
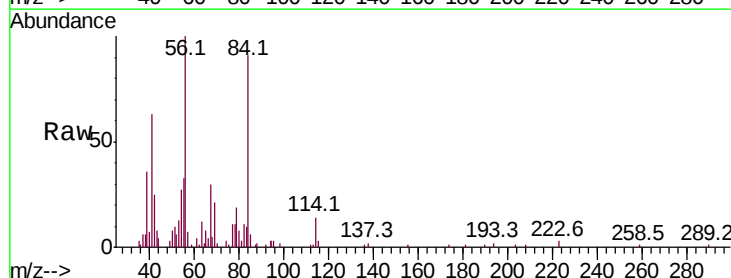
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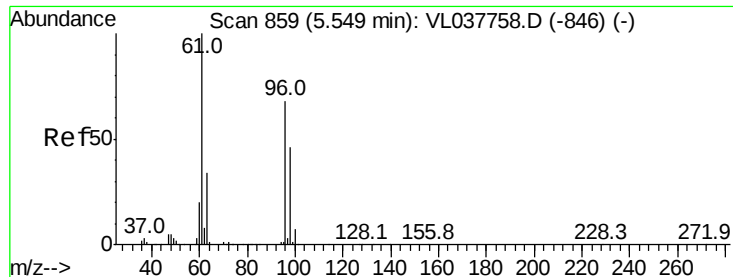
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#30
Cyclohexane
Concen: 0.399 ppbv m
RT: 7.13 min Scan# 1352
Delta R.T. 0.00 min
Lab File: VL037859.D
Acq: 18 Oct 2021 19:24

Tgt Ion: 84 Resp: 51959
Ion Ratio Lower Upper
84 100
56 0.0 113.0 169.4#
41 81.5 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 0.380 ppbv m

RT: 5.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

61 100

96 70.

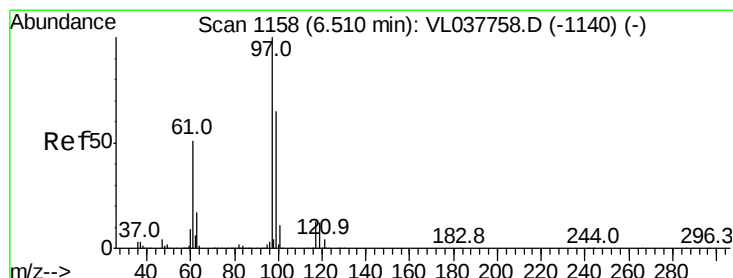
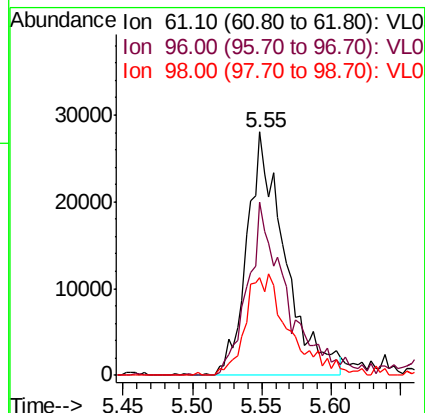
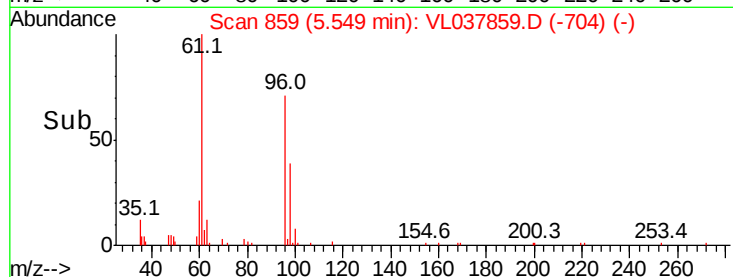
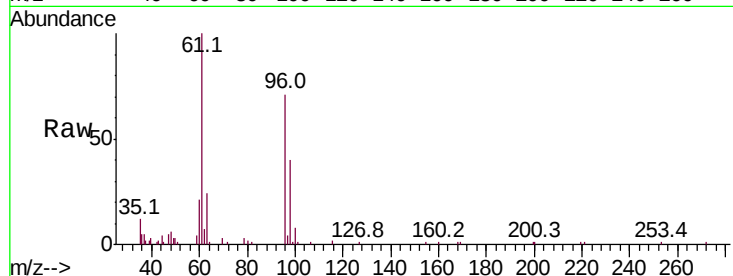
98 40.

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#32

1,1,1-Trichloroethane

Concen: 0.410 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.00 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

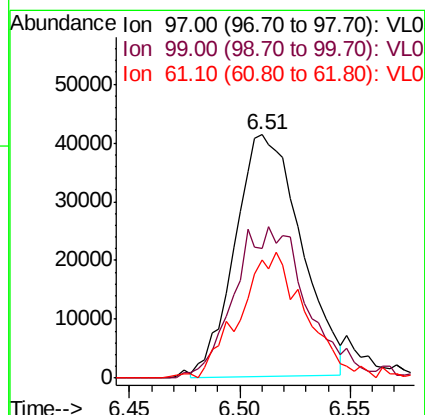
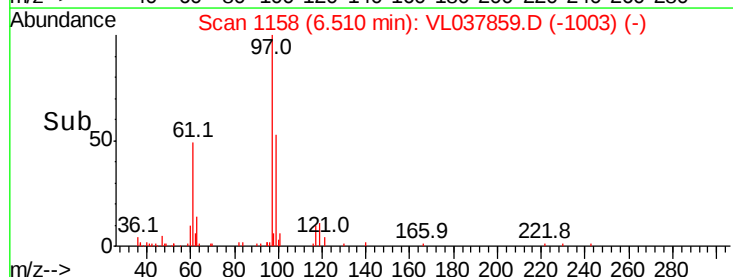
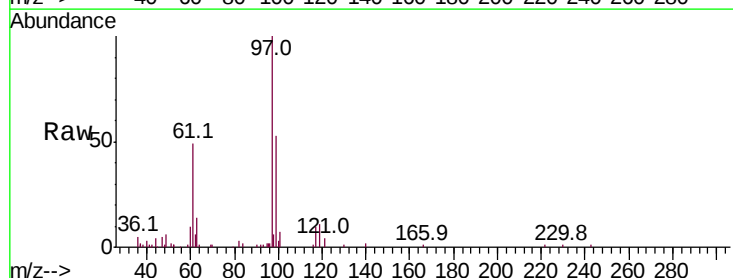
Tgt Ion: 97 Resp: 85424

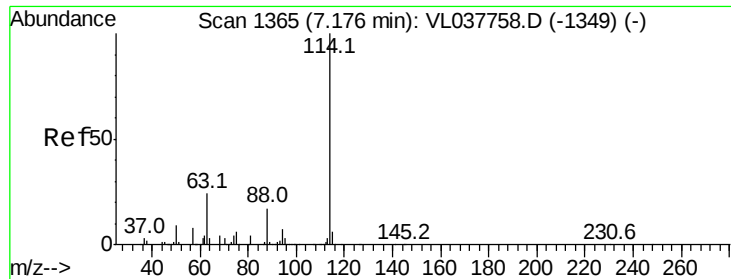
Ion Ratio Lower Upper

97 100

99 70.9 52.6 78.8

61 53.1 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 Instrument:

Delta R.T. MSVOA_L

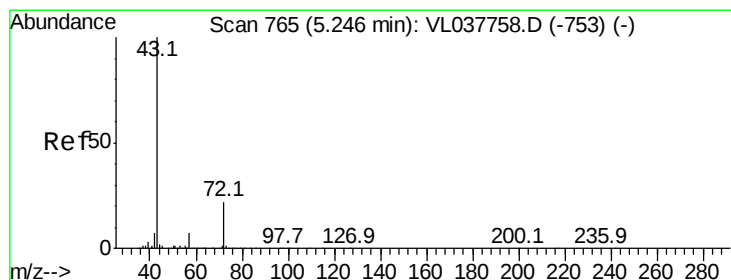
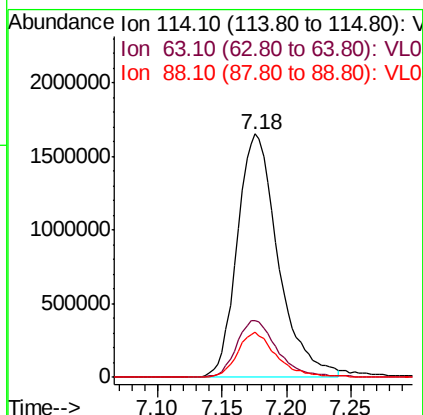
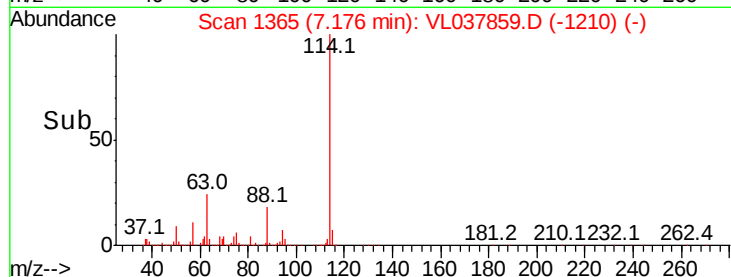
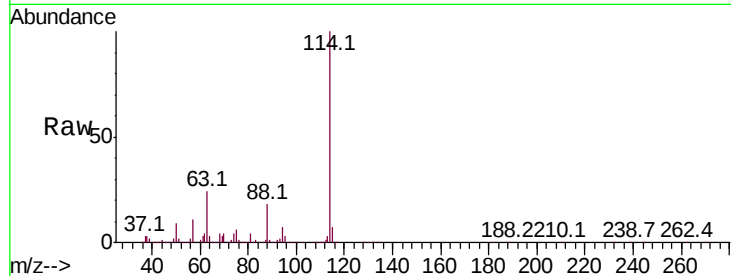
Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24 LOD-MDL-AIR-01-QT4-2021

Tot Ion:1
Ion Rati
114 100
63 24.
88 18.

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Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#34

2-Butanone

Concen: 0.359 ppbv

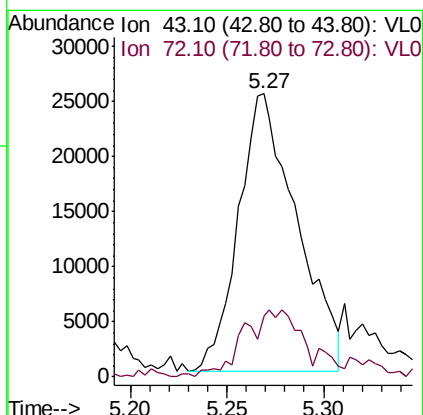
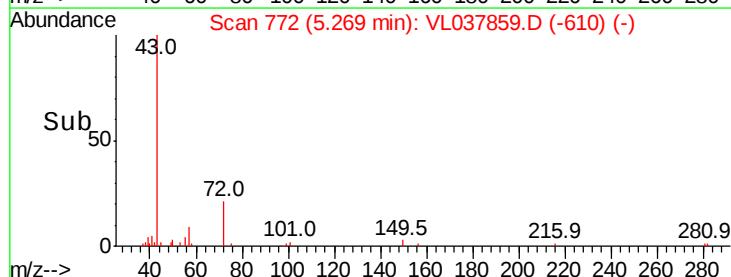
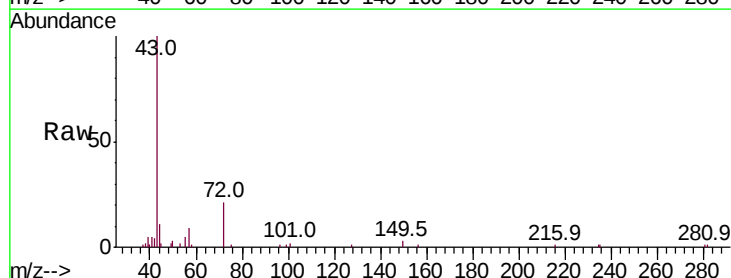
RT: 5.27 min Scan# 772

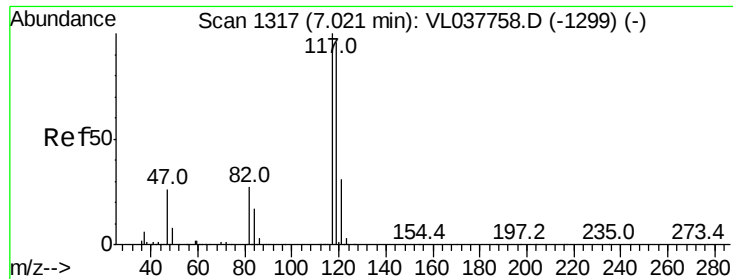
Delta R.T. 0.02 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

Tgt Ion: 43 Resp: 52819
Ion Ratio Lower Upper
43 100
72 30.8 18.2 27.2#





#35

Carbon Tetrachloride

Concen: 0.413 ppbv

RT: 7.02 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId : LOD-MDL-AIR-01-QT4-2021

Acq: 18 Oct 2021 19:24

Tot Ion:1

Ion Rati

117 100

119 90.

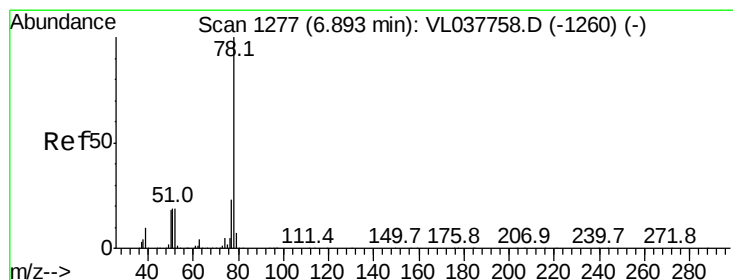
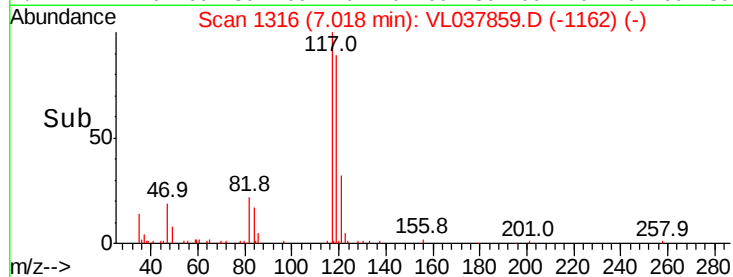
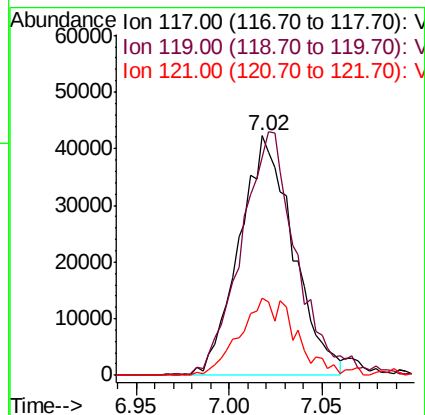
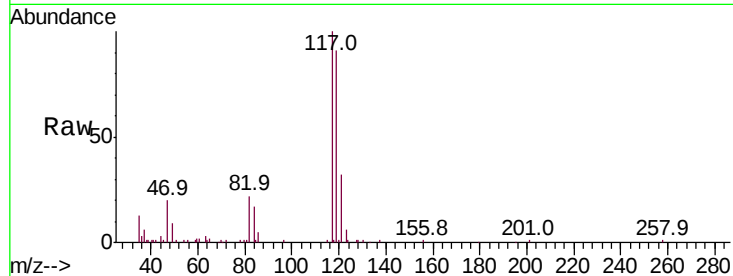
121 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#36

Benzene

Concen: 0.384 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

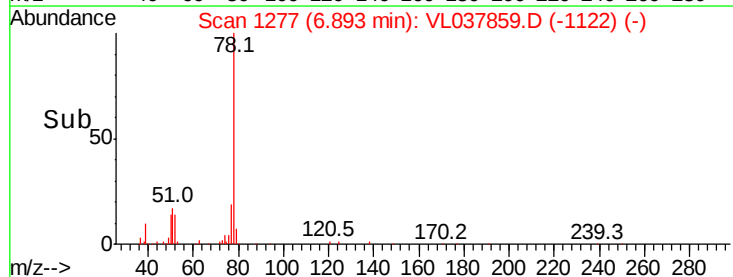
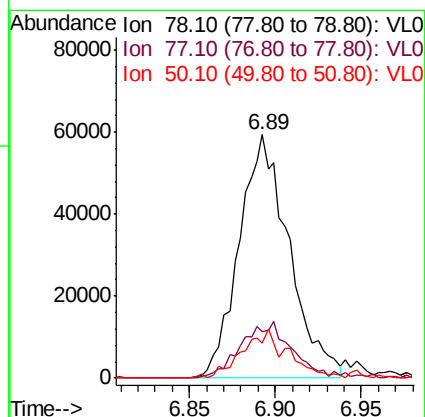
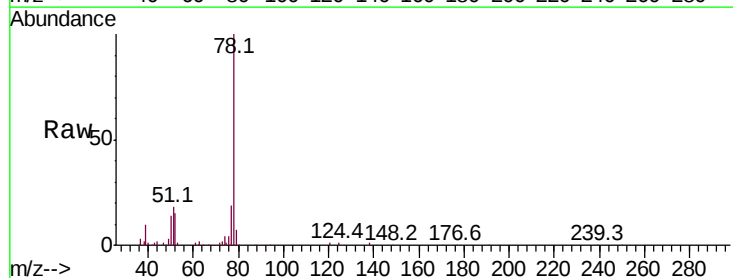
Tgt Ion: 78 Resp: 119678

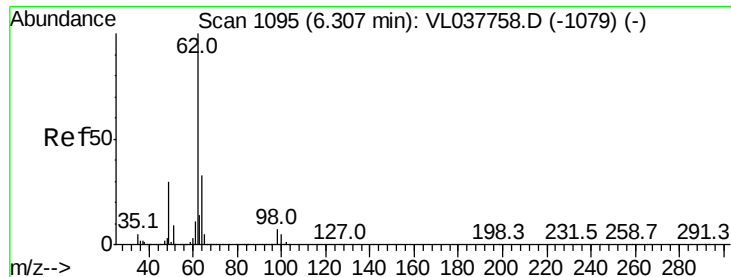
Ion Ratio Lower Upper

78 100

77 18.7 18.8 28.2#

50 14.1 14.7 22.1#





#37

1,2-Dichloroethane

Concen: 0.395 ppbv

RT: 6.31

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Oct 2021 19:24

Tot Ion:

Ion Ratio

62 100

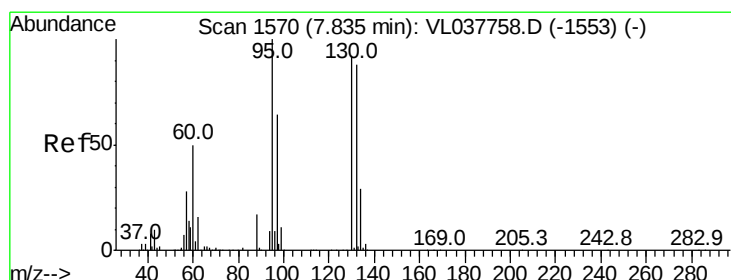
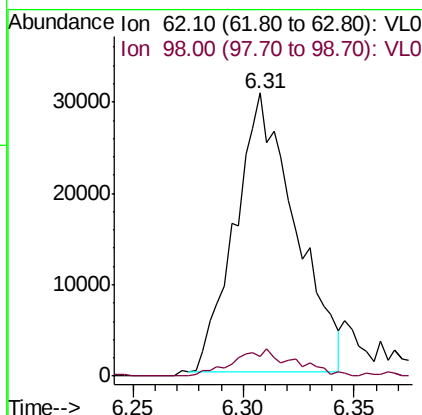
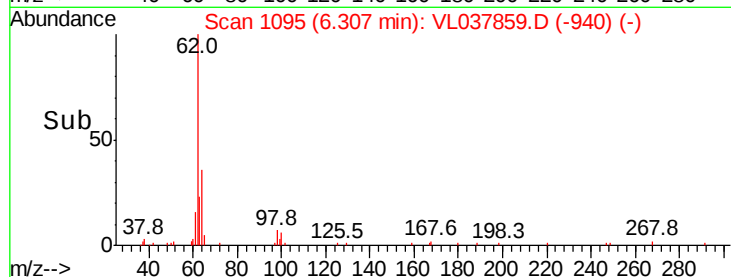
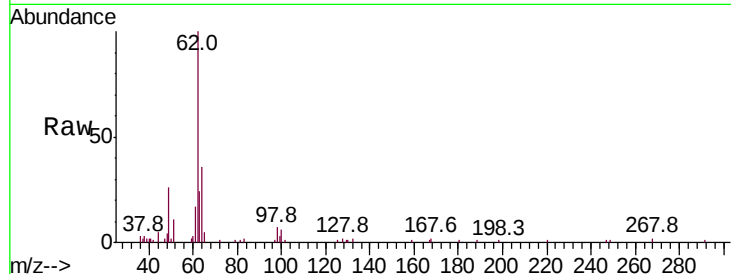
98 10.

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#38

Trichloroethene

Concen: 0.403 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

Tgt Ion:130 Resp: 49681

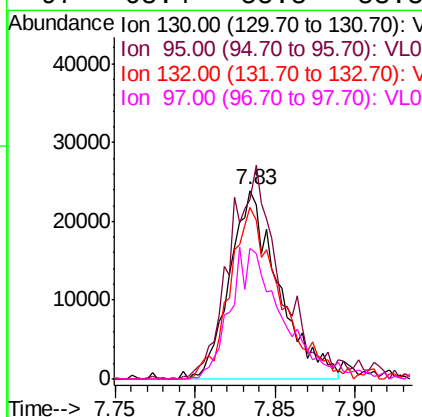
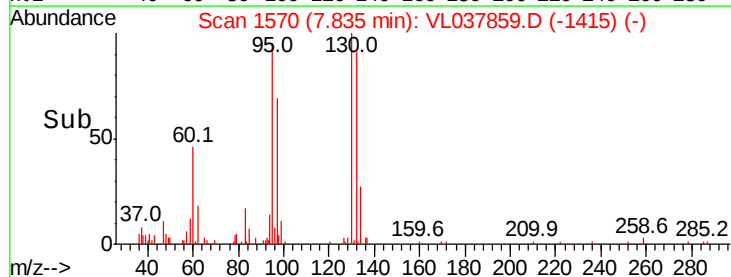
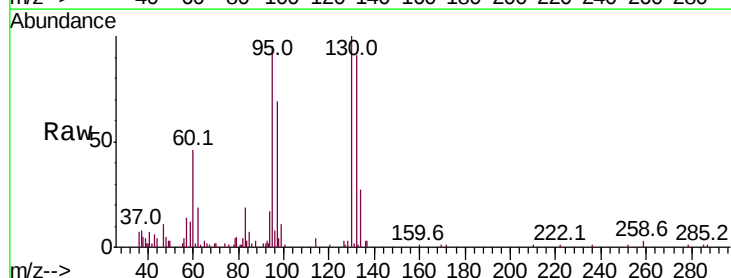
Ion Ratio Lower Upper

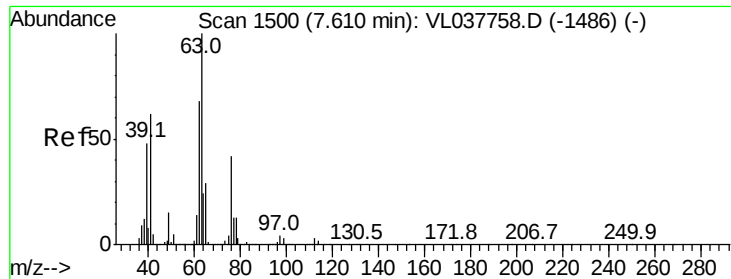
130 100

95 93.5 87.4 131.0

132 90.6 76.8 115.2

97 68.4 55.8 83.8





#39

1,2-Dichloropropane

Concen: 0.420 ppbv m

RT: 7.61

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 18 Oct 2021 19:24

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Supervised By :Mahesh Dadoda 10/27/2021

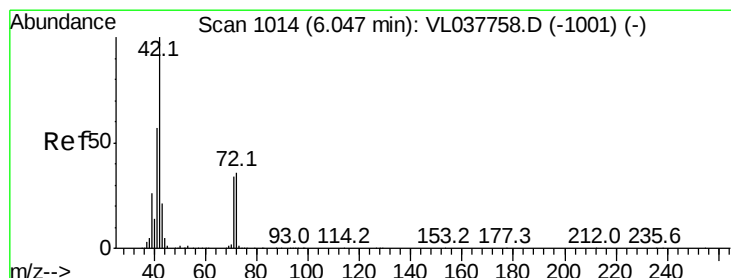
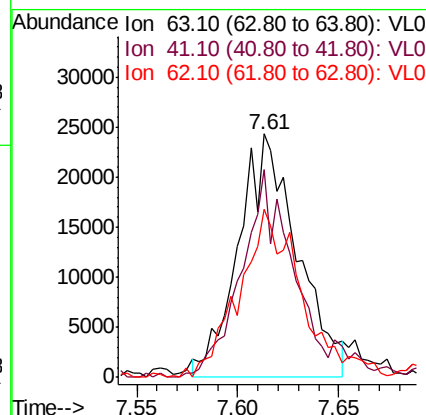
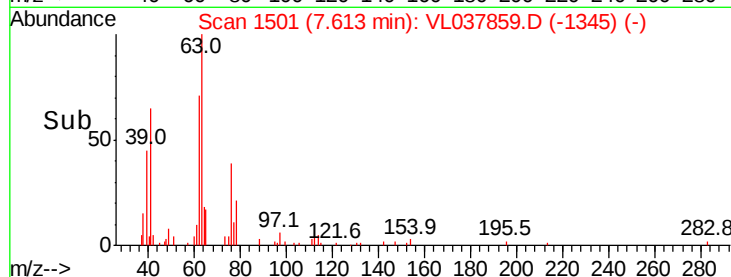
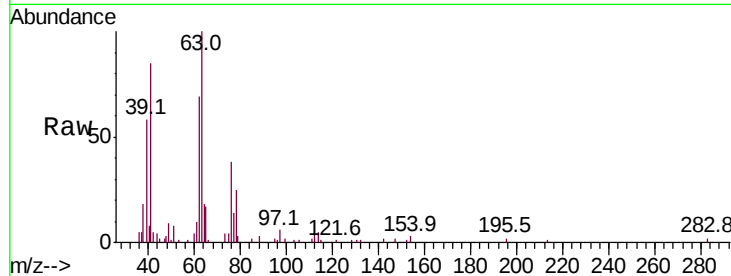
Tot Ion:

Ion Ratio

63 100

41 85.

62 69.



#41

Tetrahydrofuran

Concen: 0.352 ppbv m

RT: 6.07 min Scan# 1022

Delta R.T. 0.03 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

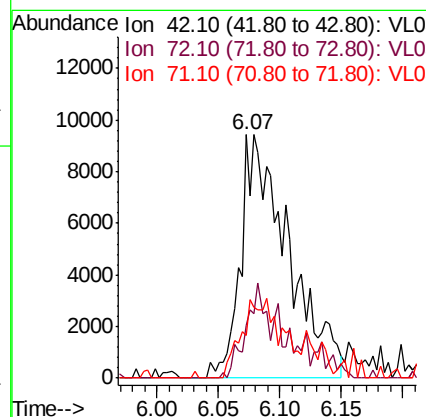
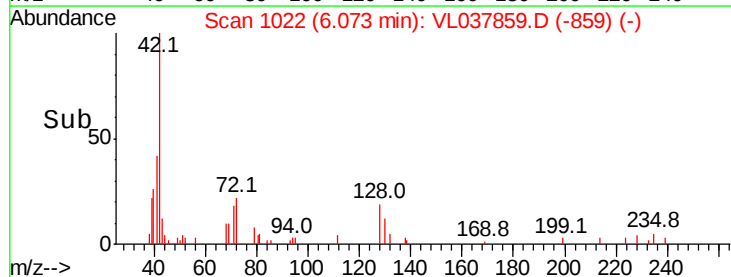
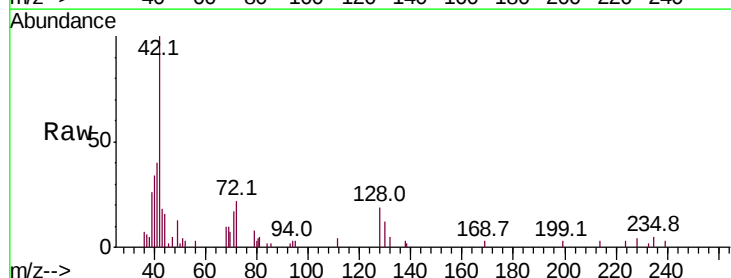
Tgt Ion: 42 Resp: 25410

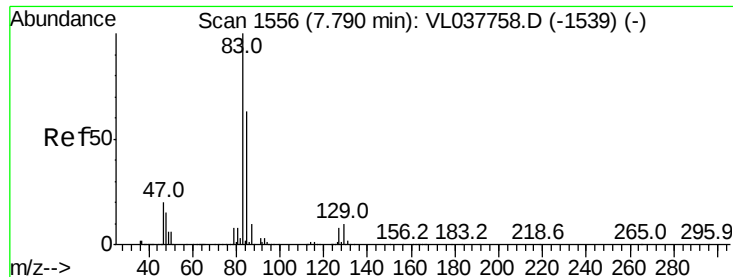
Ion Ratio Lower Upper

42 100

72 0.0 31.9 47.9#

71 0.0 30.3 45.5#





#42

Bromodichloromethane

Concen: 0.401 ppbv

RT: 7.79 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

83 100

85 52.

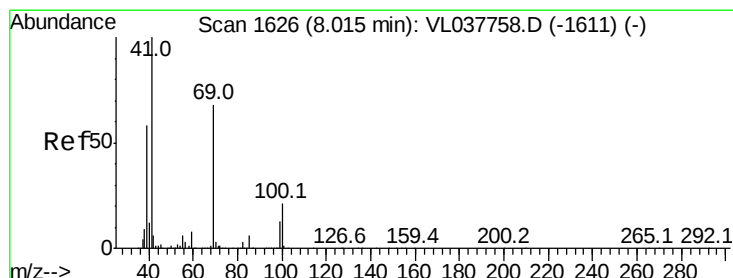
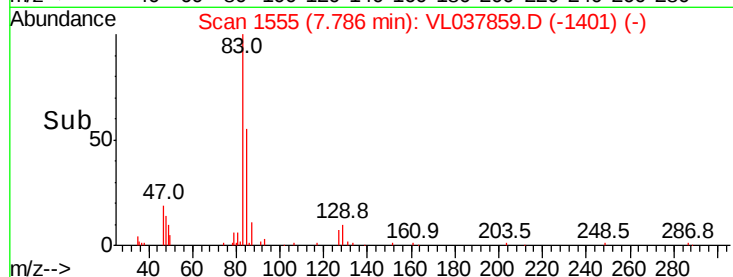
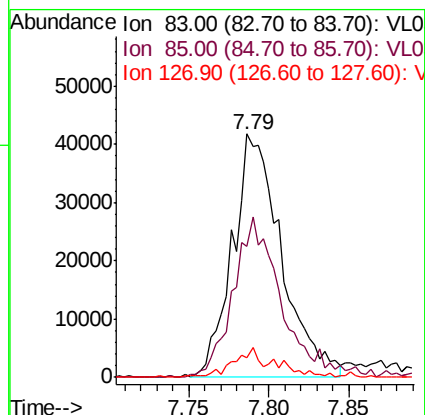
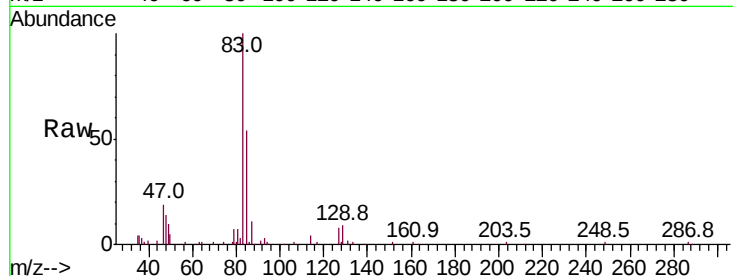
127 7.

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#43

Methyl Methacrylate

Concen: 0.283 ppbv

RT: 8.02 min Scan# 1629

Delta R.T. 0.01 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

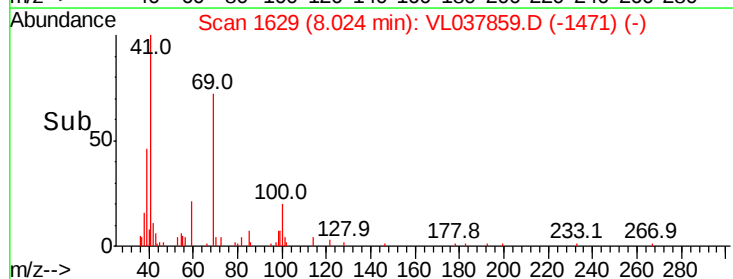
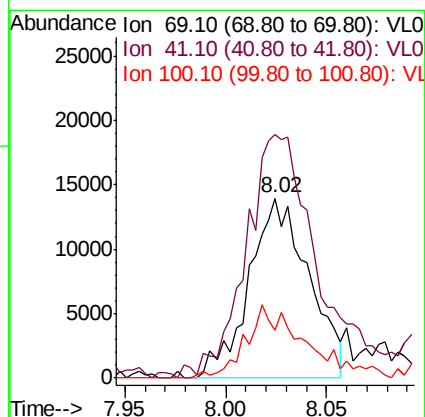
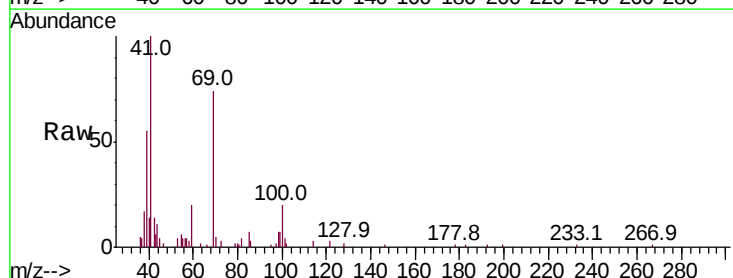
Tgt Ion: 69 Resp: 28766

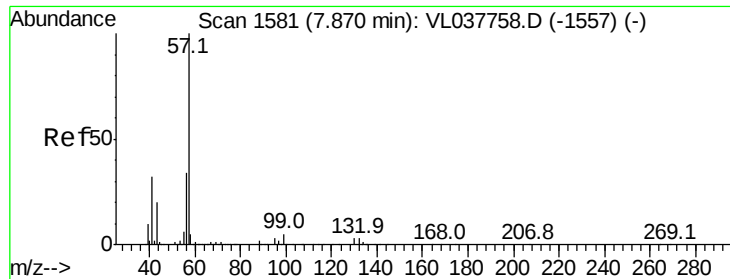
Ion Ratio Lower Upper

69 100

41 162.7 121.0 181.4

100 40.5 27.7 41.5



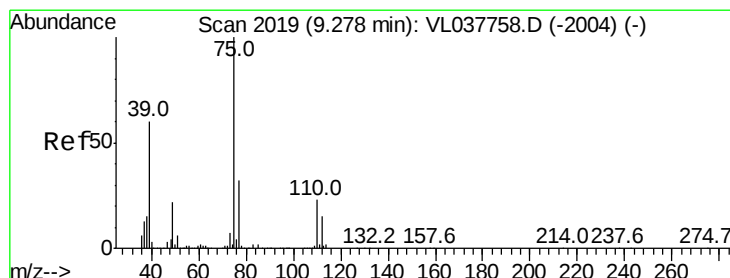
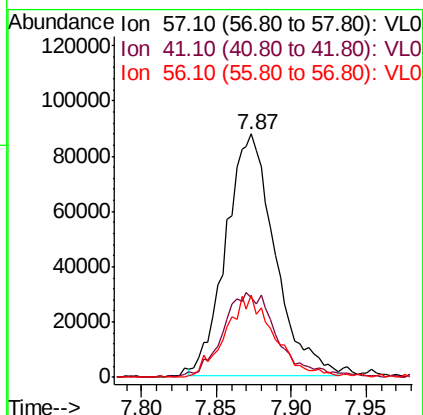
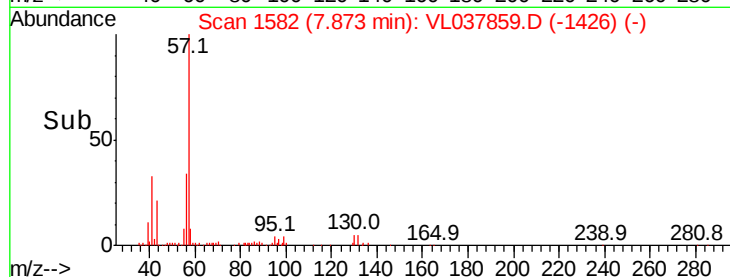
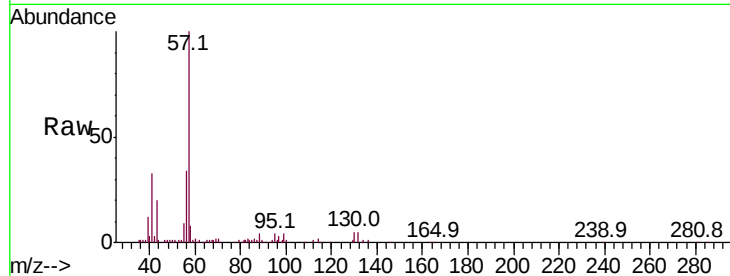


#44
 2,2,4-Trimethylpentane
 Concen: 0.382 ppbv
 RT: 7.87
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Oct 2021 19:24

Tot Ion:
 Ion Ratio
 57 100
 41 39.
 56 34.

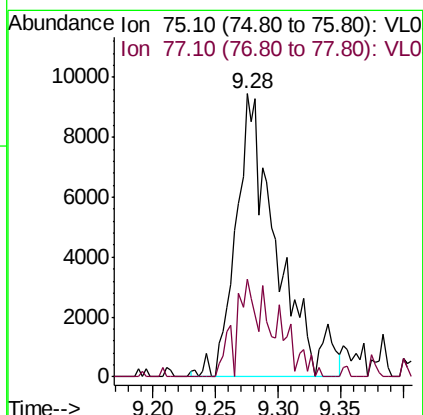
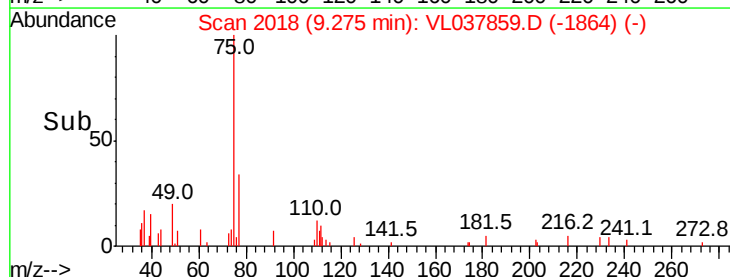
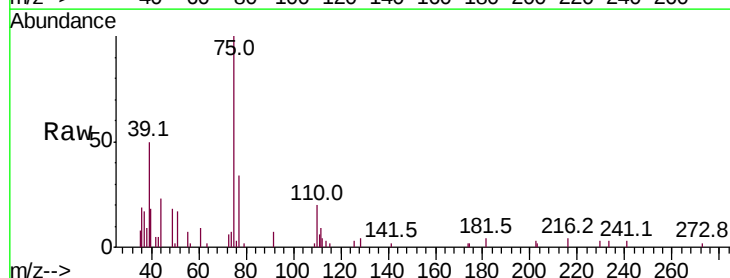
Manual Integrations
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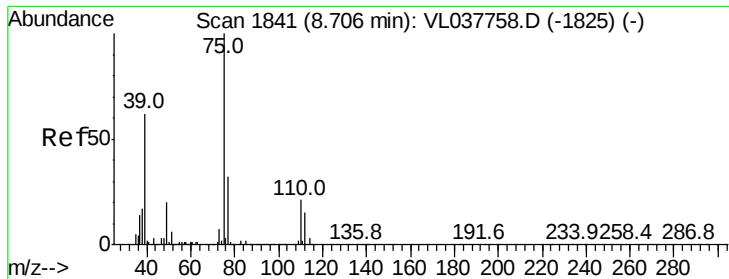
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#45
 t-1,3-Dichloropropene
 Concen: 0.304 ppbv m
 RT: 9.28 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: VL037859.D
 Acq: 18 Oct 2021 19:24

Tgt Ion: 75 Resp: 21277
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.2 37.8





#46

cis-1,3-Dichloropropene

Concen: 0.274 ppbv m

RT: 8.70 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

75 100

39 34.

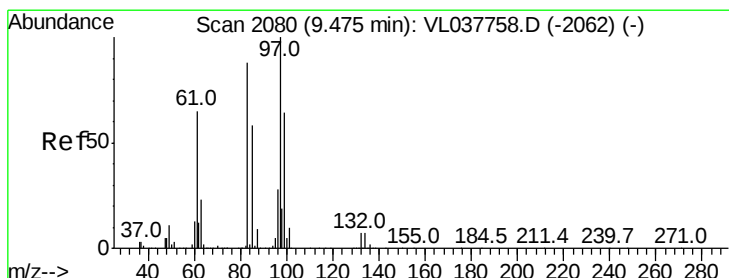
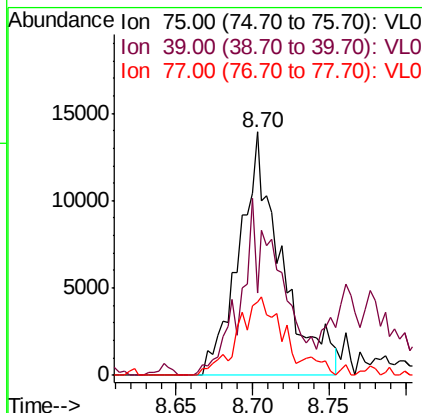
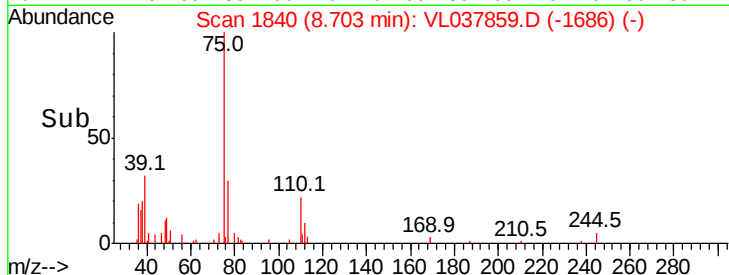
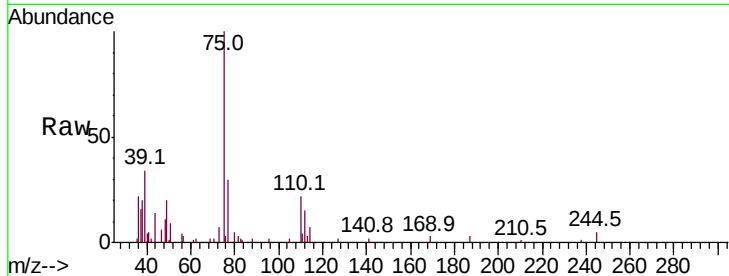
77 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#47

1,1,2-Trichloroethane

Concen: 0.470 ppbv m

RT: 9.47 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

Tgt Ion: 97 Resp: 59888

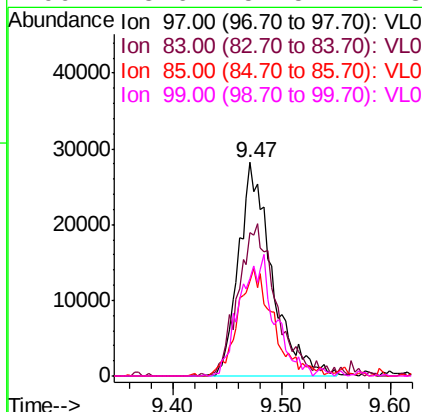
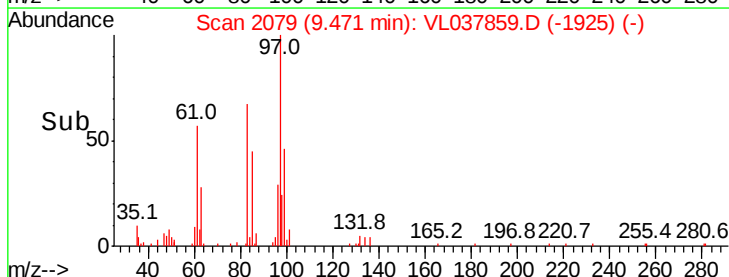
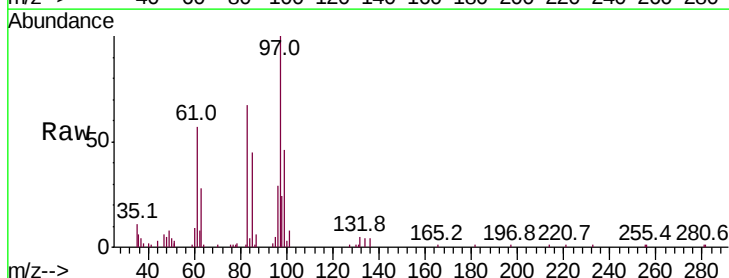
Ion Ratio Lower Upper

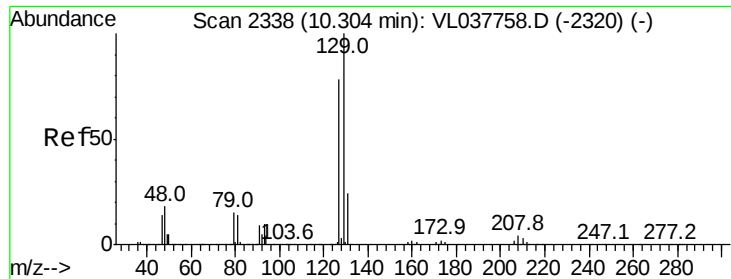
97 100

83 67.4 70.6 105.8#

85 44.5 45.9 68.9#

99 45.6 51.5 77.3#





#48

Dibromochloromethane

Concen: 0.341 ppbv

RT: 10.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Oct 2021 19:24

Tot Ion:1

Ion Ratio

129 100

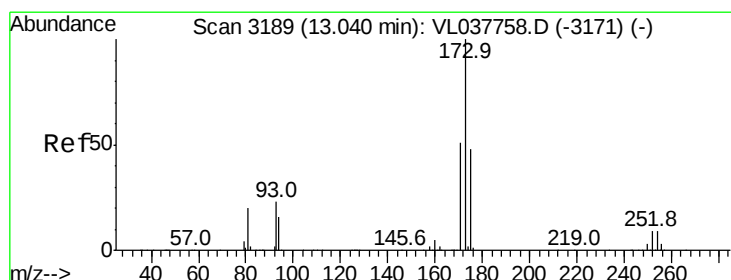
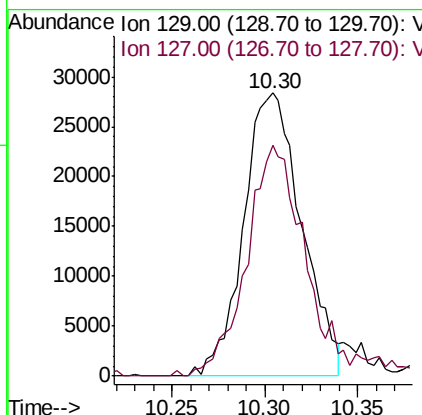
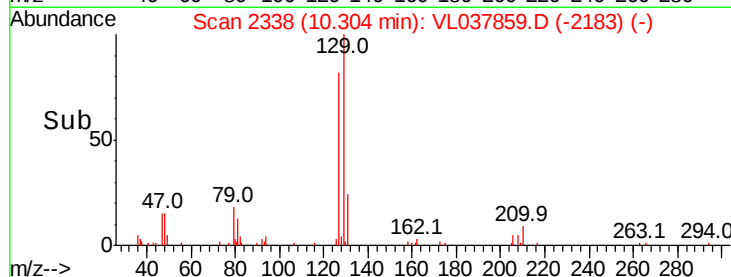
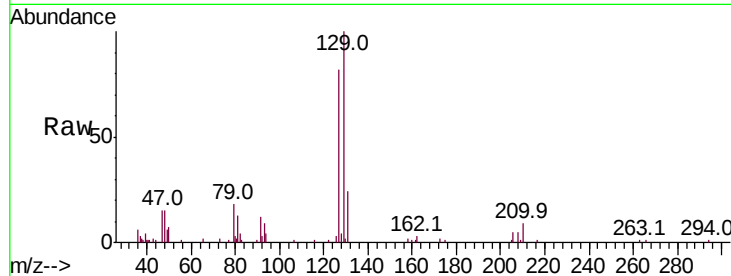
127 87.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#49

Bromoform

Concen: 0.335 ppbv m

RT: 13.04 min Scan# 3188

Delta R.T. -0.00 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

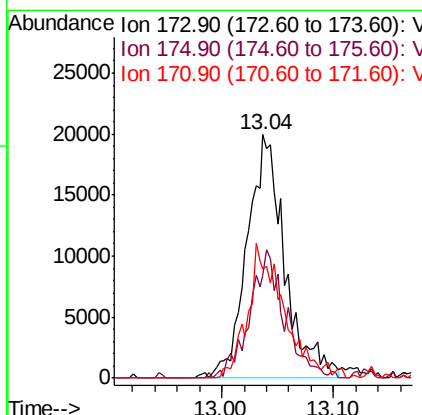
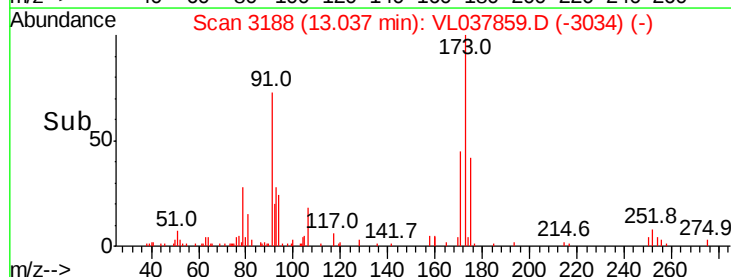
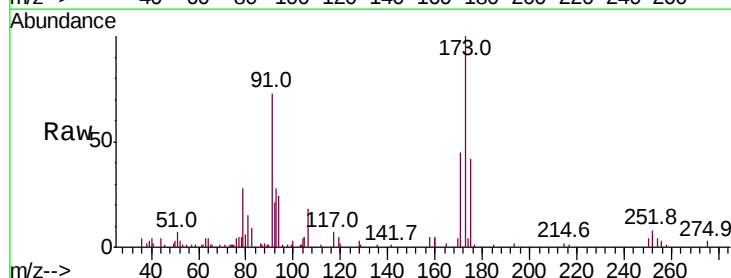
Tgt Ion:173 Resp: 46628

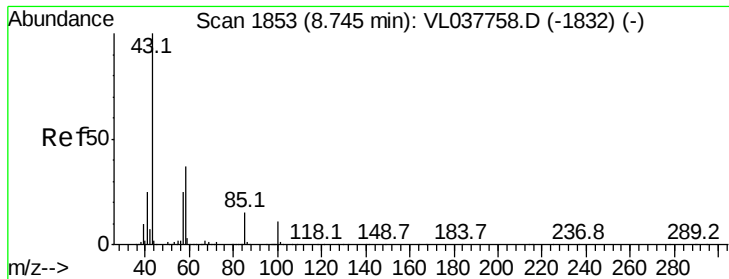
Ion Ratio Lower Upper

173 100

175 49.0 39.9 59.9

171 52.4 43.4 65.2





#50

4-Methyl-2-Pentanone

Concen: 0.326 ppbv m

RT: 8.77

Delta R.T. MSVOA_L

Lab File:

Acq: 18 Oct 2021 19:24

Client Sample Id :

LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

43 100

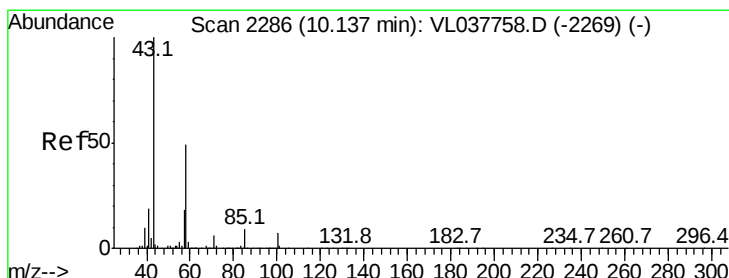
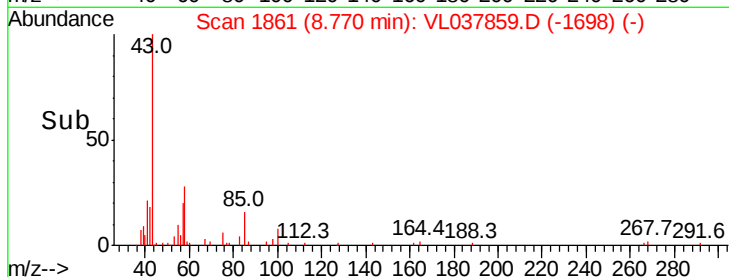
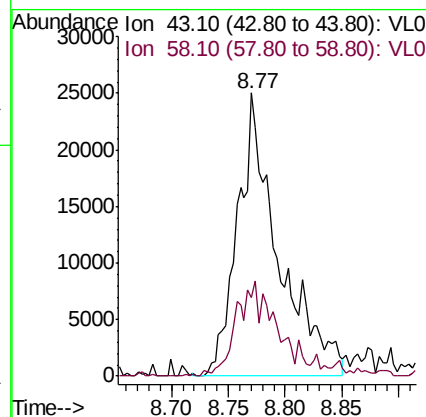
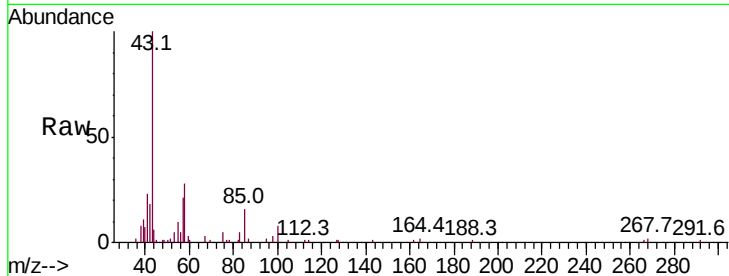
58 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#51

2-Hexanone

Concen: 0.232 ppbv m

RT: 10.17 min Scan# 2295

Delta R.T. 0.03 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

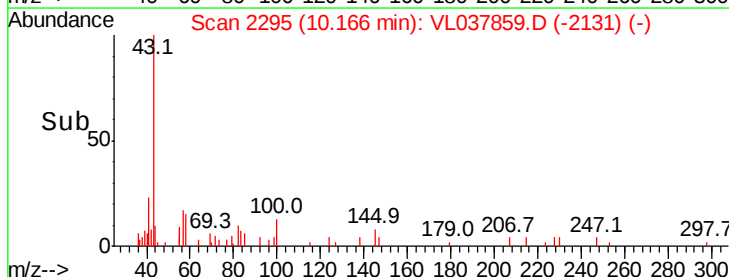
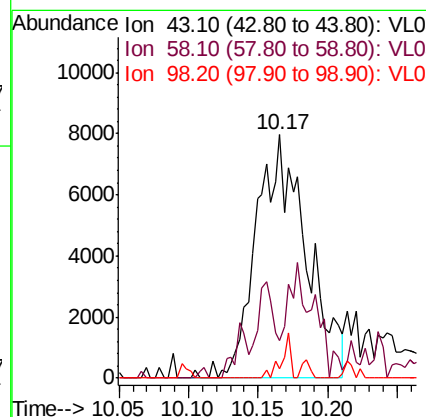
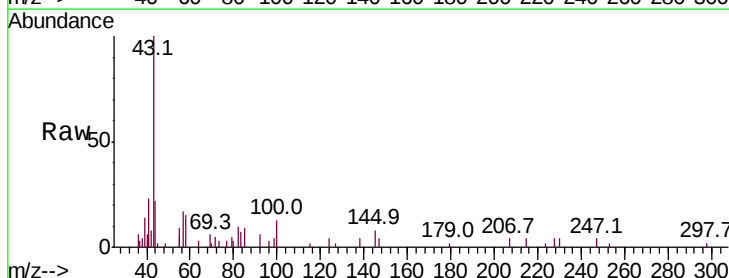
Tgt Ion: 43 Resp: 19881

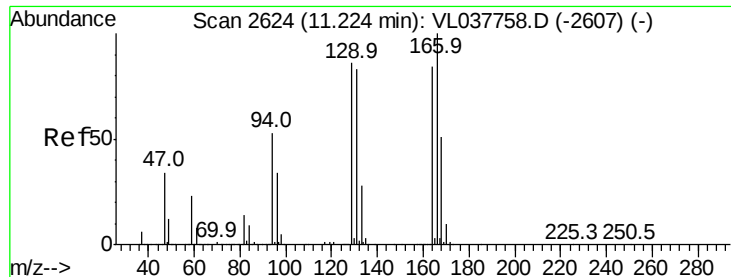
Ion Ratio Lower Upper

43 100

58 19.7 39.4 59.0#

98 0.0 0.3 0.5#





#52

Tetrachloroethene

Concen: 0.394 ppbv m

RT: 11.22

Delta R.T. MSVOA_L

Lab File:

ClientSampleId: LOD-MDL-AIR-01-QT4-2021

Acq: 18 Oct 2021 19:24

Tot Ion:1

Ion Rati

164 100

166 97.

129 83.

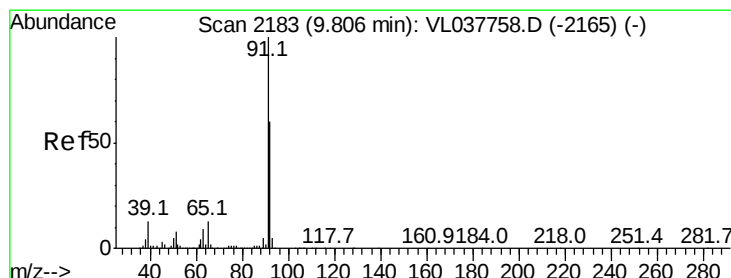
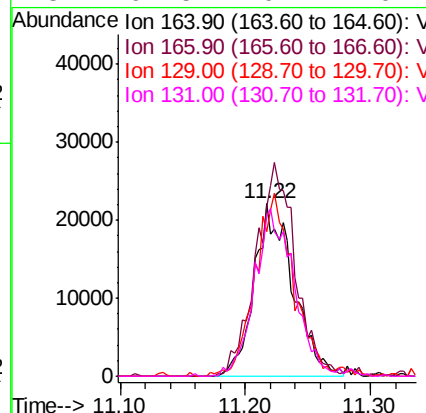
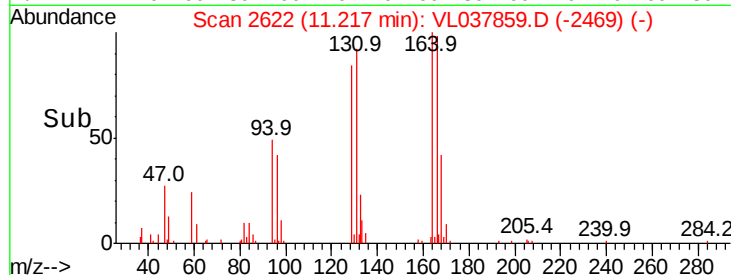
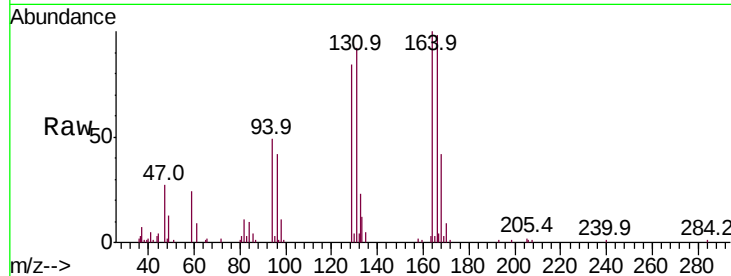
131 92.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#53

Toluene

Concen: 0.289 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. 0.00 min

Lab File: VL037859.D

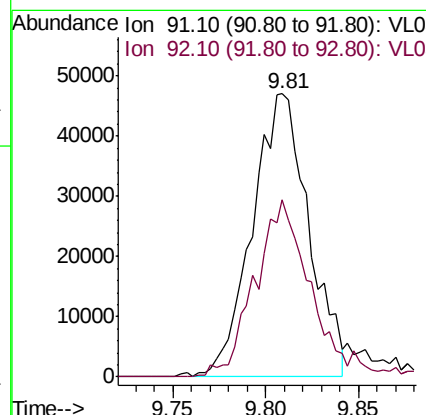
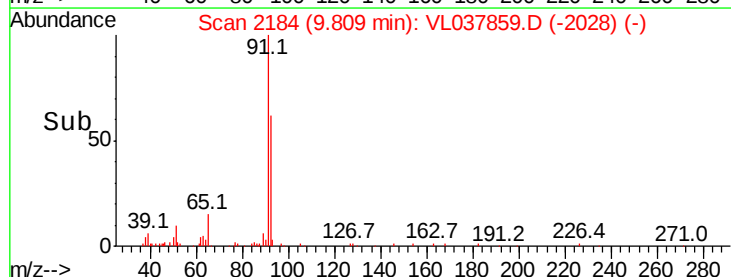
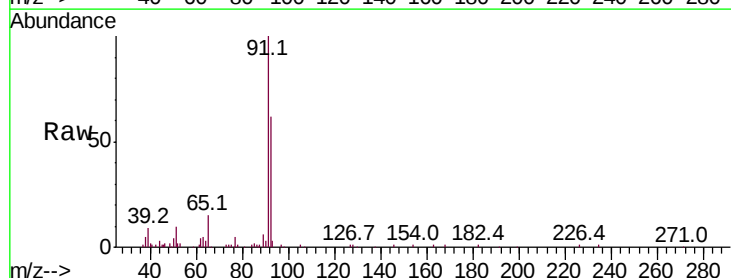
Acq: 18 Oct 2021 19:24

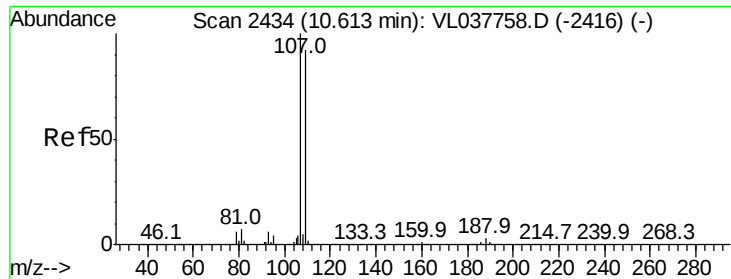
Tgt Ion: 91 Resp: 99659

Ion Ratio Lower Upper

91 100

92 63.1 48.4 72.6



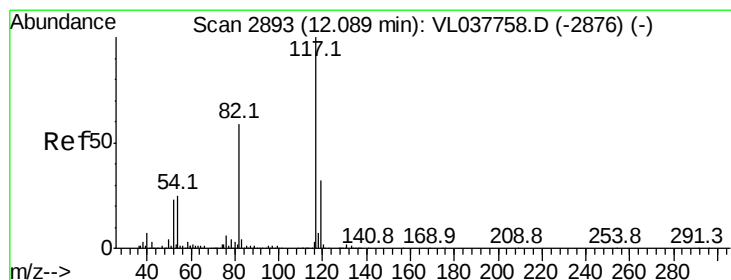
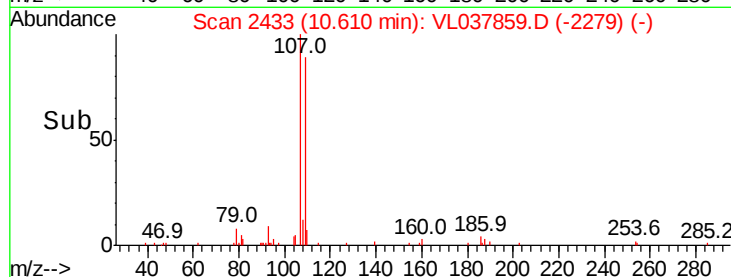
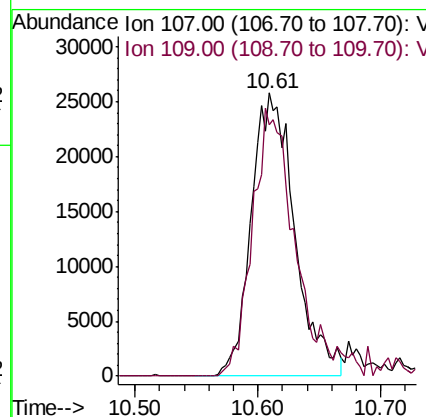
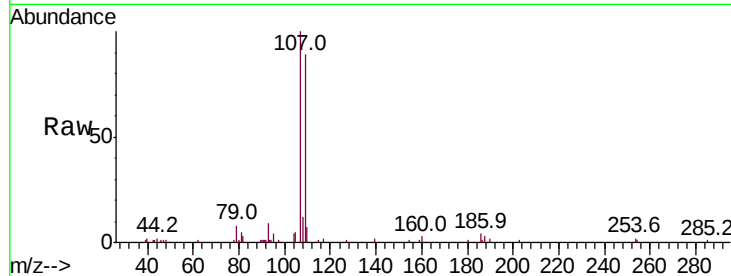


#54
1,2-Dibromoethane
Concen: 0.367 ppbv m
RT: 10.61
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampled:
Acq: 18 Oct 2021 19:24
LOD-MDL-AIR-01-QT4-2021

Tot Ion:1
Ion Rati
107 100
109 88.

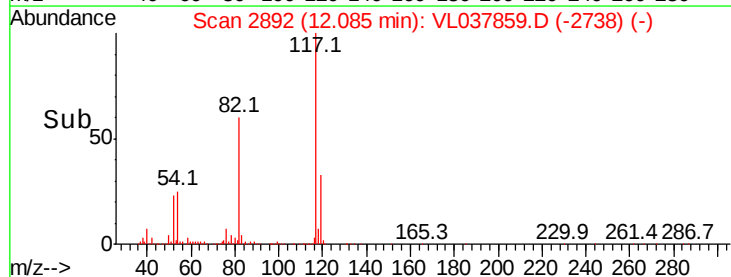
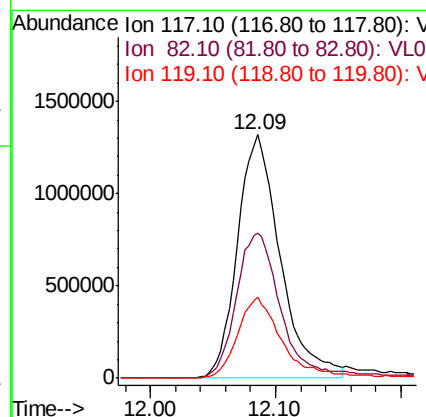
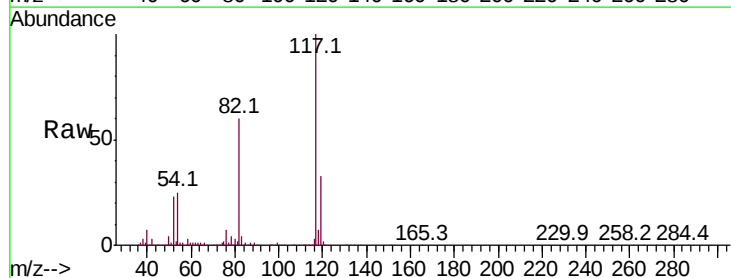
Manual Integrations
APPROVED

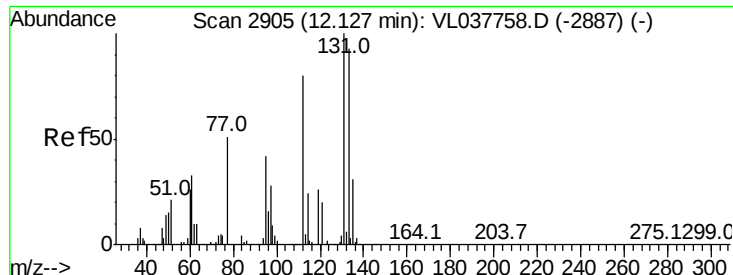
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL037859.D
Acq: 18 Oct 2021 19:24

Tgt Ion:117 Resp: 3126207
Ion Ratio Lower Upper
117 100
82 65.3 52.2 78.2
119 35.7 26.0 39.0



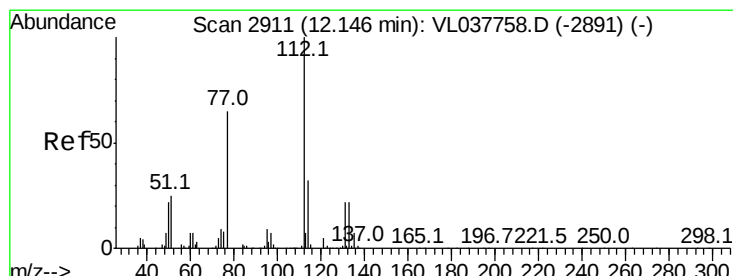
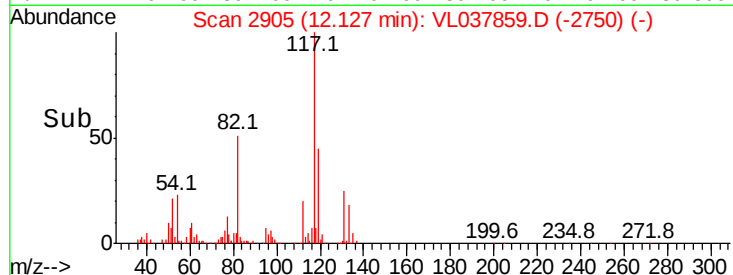
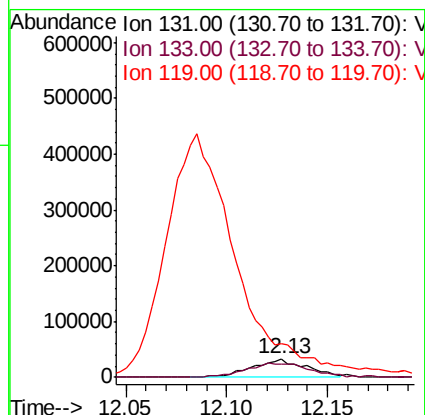
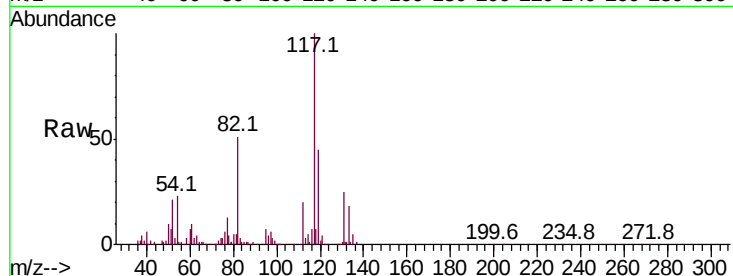


#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.480 ppbv
 RT: 12.13
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT4-2021
 Acq: 18 Oct 2021 19:24

Tot Ion:1
 Ion Rati
 131 100
 133 94.
 119 1795

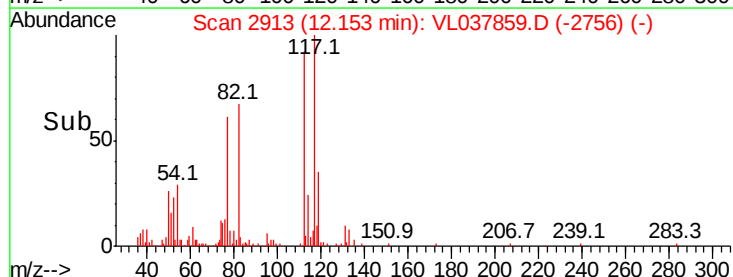
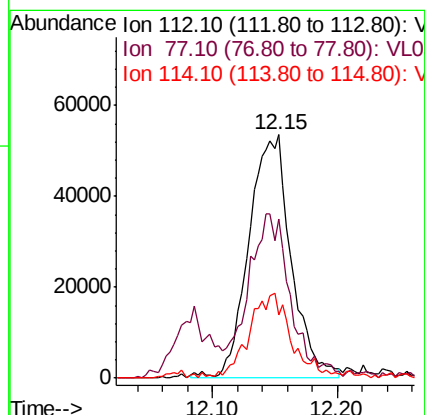
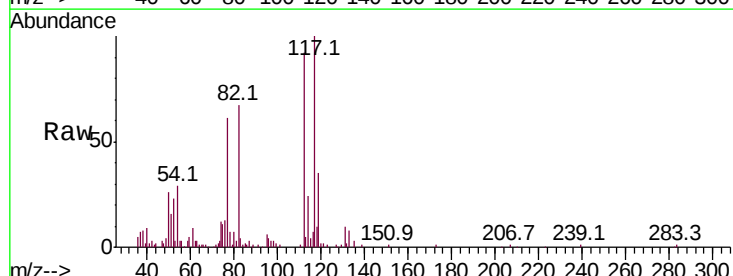
Manual Integrations
 APPROVED

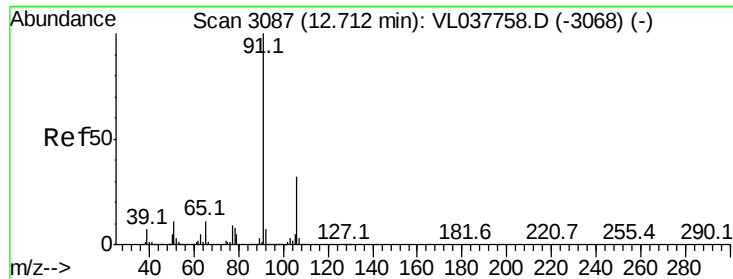
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#57
 Chlorobenzene
 Concen: 0.490 ppbv m
 RT: 12.15 min Scan# 2913
 Delta R.T. 0.01 min
 Lab File: VL037859.D
 Acq: 18 Oct 2021 19:24

Tgt Ion:112 Resp: 125683
 Ion Ratio Lower Upper
 112 100
 77 65.5 51.8 77.8
 114 25.9 28.8 35.2#





#58

Ethyl Benzene

Concen: 0.321 ppbv

RT: 12.71

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

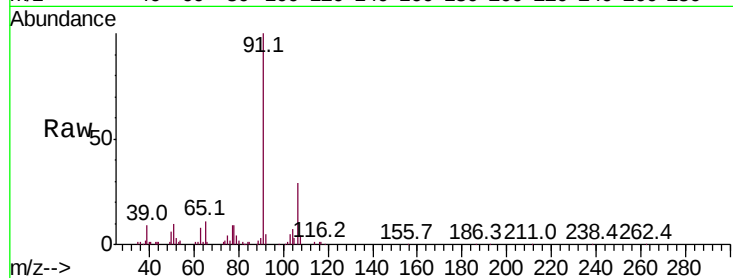
Supervised By :Mahesh Dadoda 10/27/2021

Tot Ion:

Ion Ratio

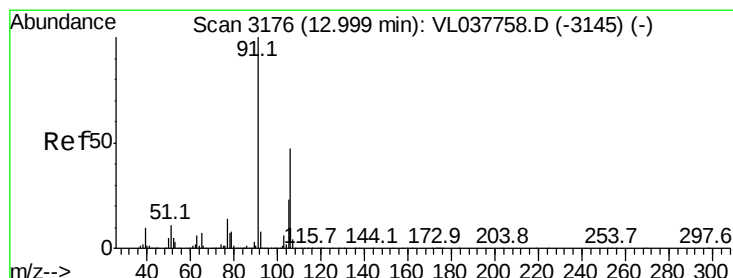
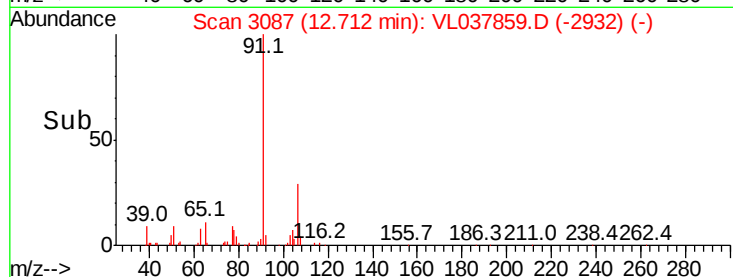
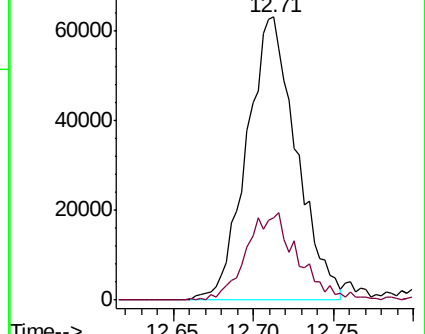
91 100

106 28.



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.738 ppbv m

RT: 13.00 min Scan# 3175

Delta R.T. -0.00 min

Lab File: VL037859.D

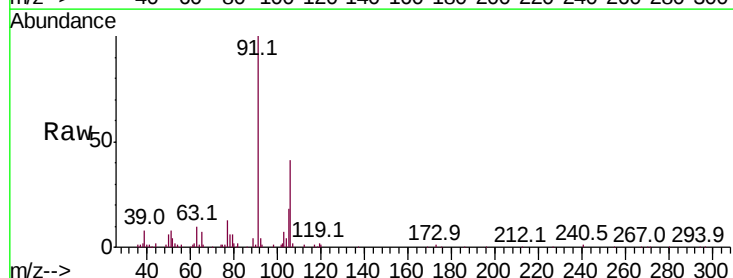
Acq: 18 Oct 2021 19:24

Tgt Ion: 91 Resp: 265913

Ion Ratio Lower Upper

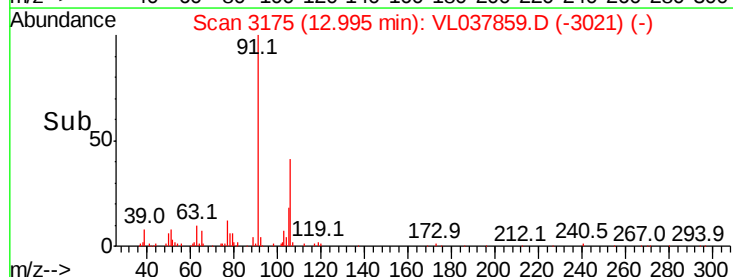
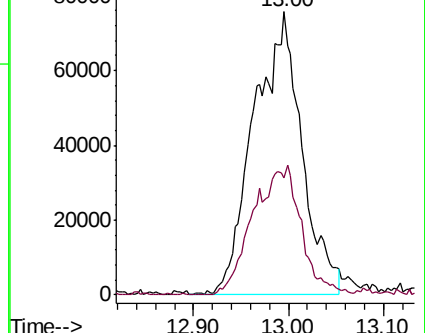
91 100

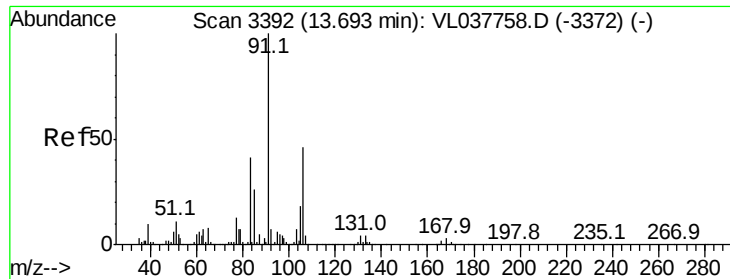
106 47.0 36.7 55.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



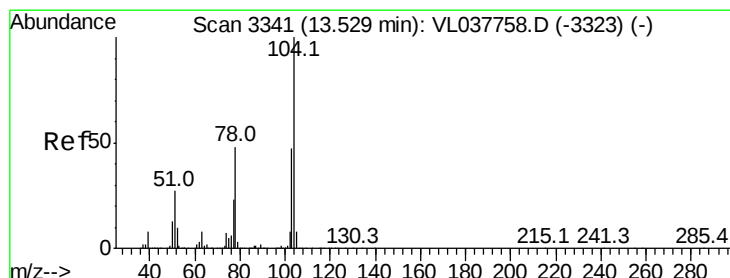
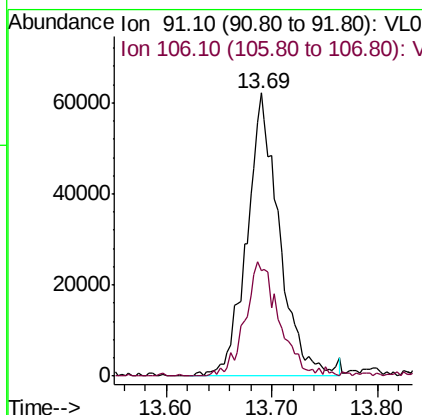
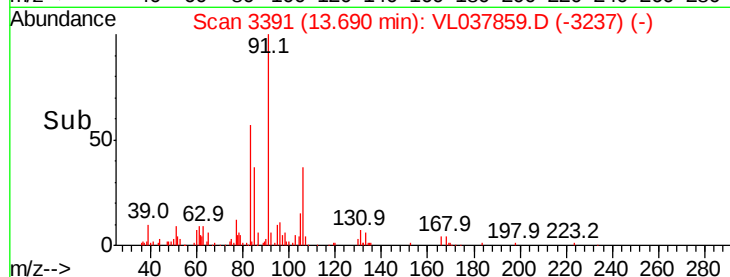
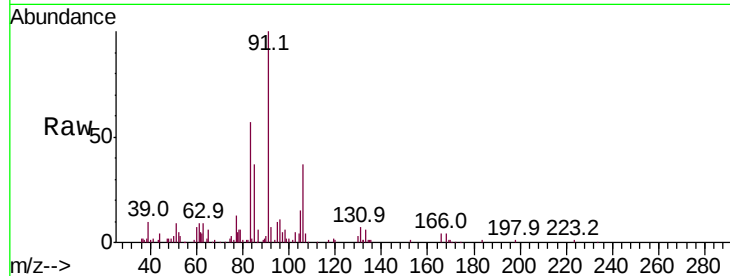


#60
o-Xylene
Concen: 0.385 ppbv m
RT: 13.69
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 18 Oct 2021 19:24 LOD-MDL-AIR-01-QT4-2021

Tot Ion:
Ion Ratio
91 100
106 42.

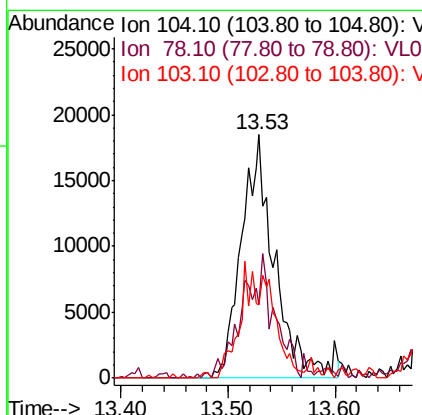
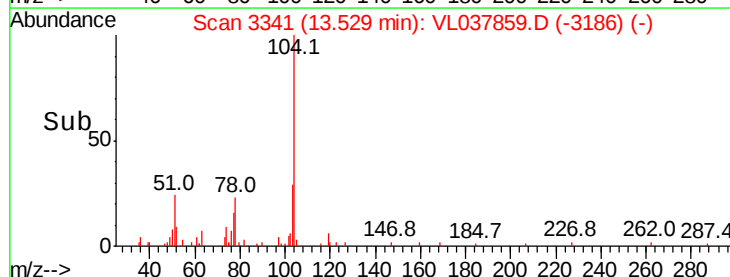
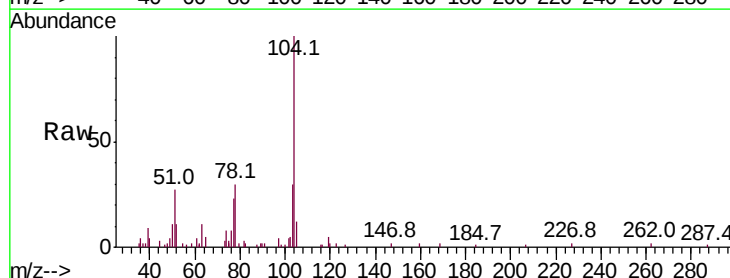
Manual Integrations
APPROVED

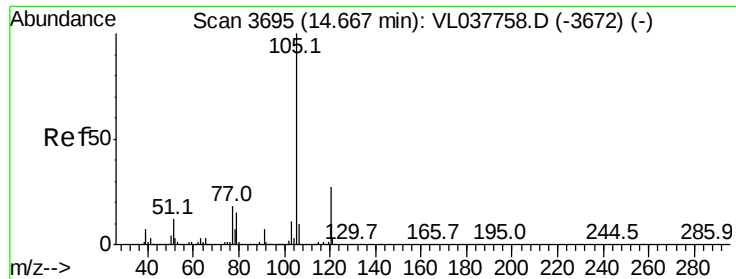
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#61
Styrene
Concen: 0.239 ppbv m
RT: 13.53 min Scan# 3341
Delta R.T. -0.00 min
Lab File: VL037859.D
Acq: 18 Oct 2021 19:24

Tgt Ion:104 Resp: 39969
Ion Ratio Lower Upper
104 100
78 52.8 40.6 61.0
103 0.0 39.6 59.4#





#62

Isopropylbenzene

Concen: 0.397 ppbv

RT: 14.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Oct 2021 19:24

Tot Ion:1

Ion Ratio

105 100

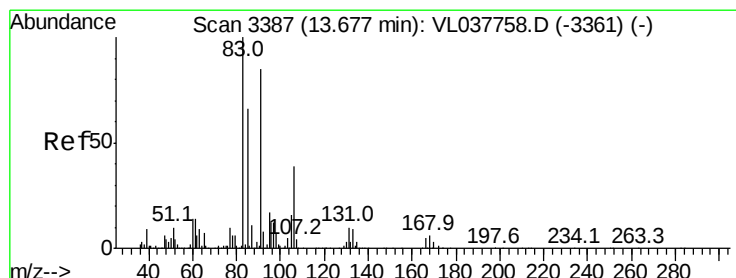
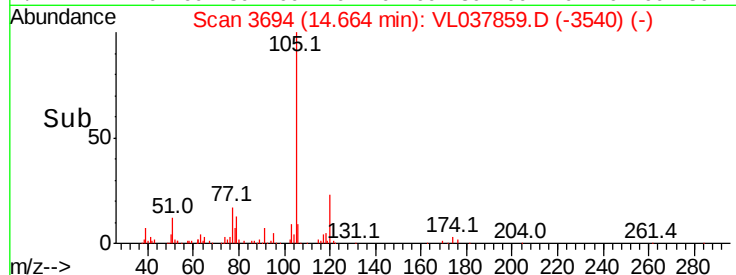
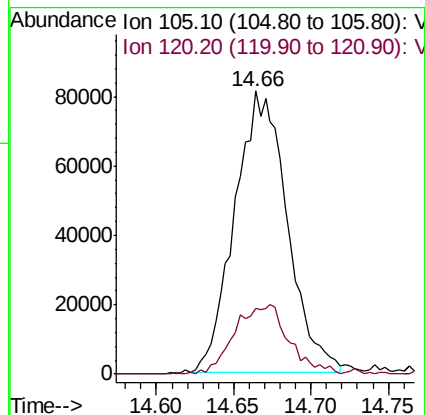
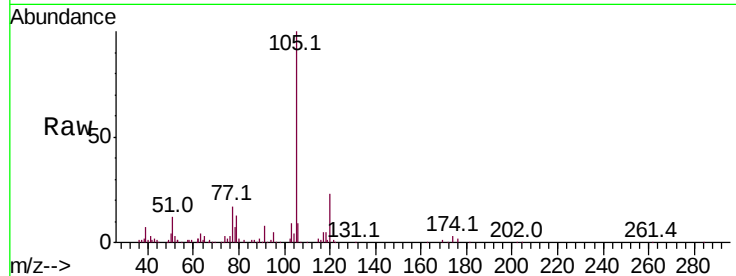
120 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#63

1,1,2,2-Tetrachloroethane

Concen: 0.428 ppbv

RT: 13.68 min Scan# 3387

Delta R.T. -0.00 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

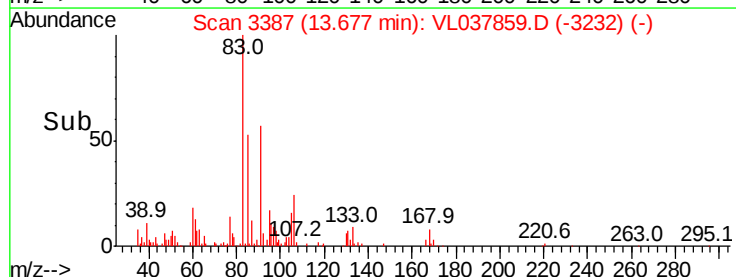
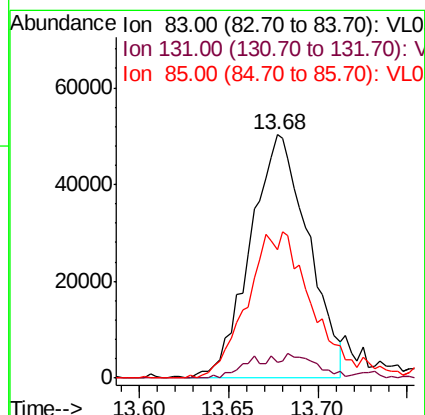
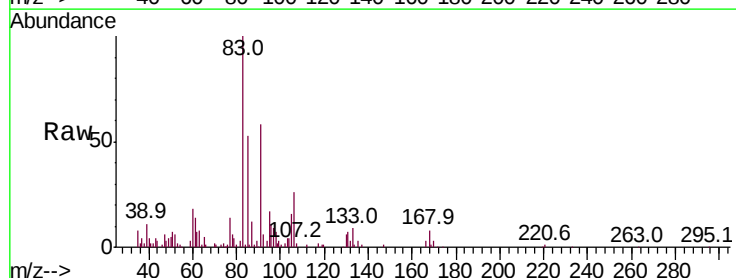
Tgt Ion: 83 Resp: 114117

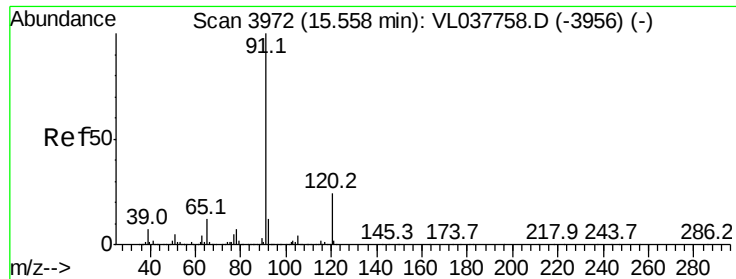
Ion Ratio Lower Upper

83 100

131 11.8 5.0 15.0

85 70.8 33.1 99.5





#64

n-propylbenzene

Concen: 0.368 ppbv m

RT: 15.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

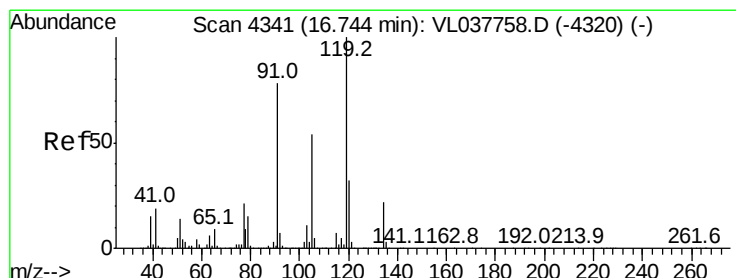
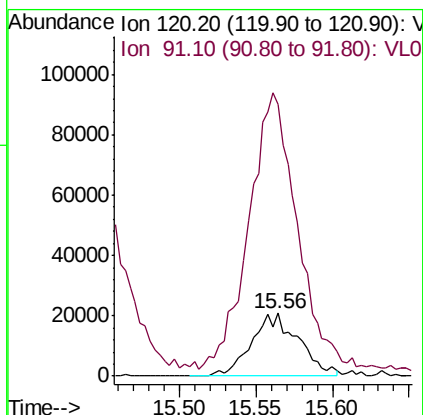
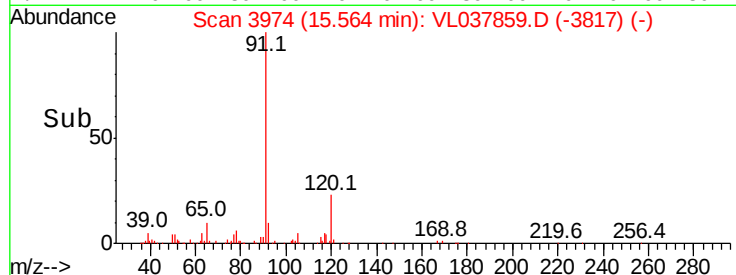
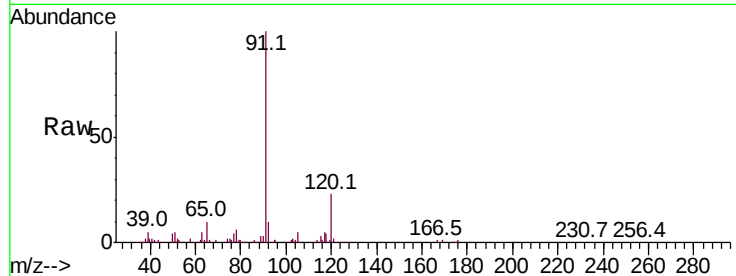
Acq: 18 Oct 2021 19:24

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#65

tert-Butylbenzene

Concen: 0.377 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. 0.01 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

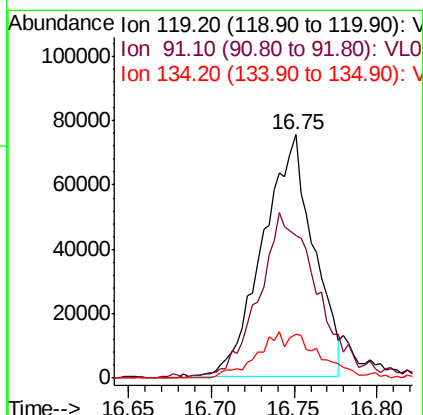
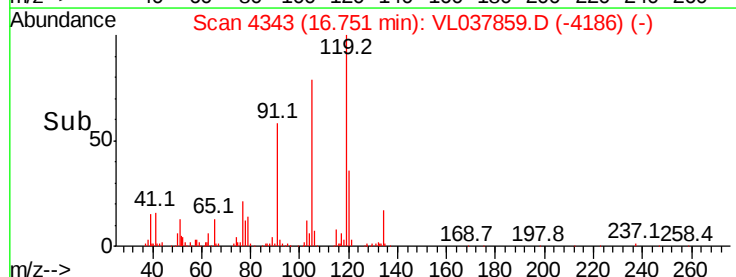
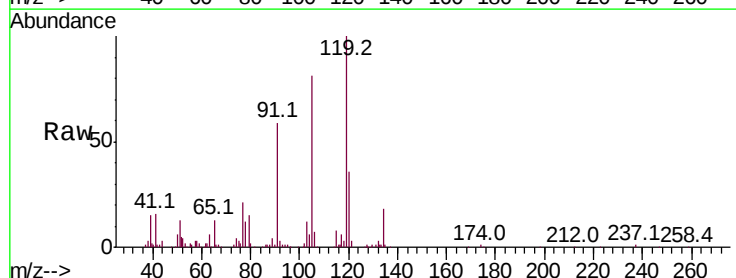
Tgt Ion:119 Resp: 159777

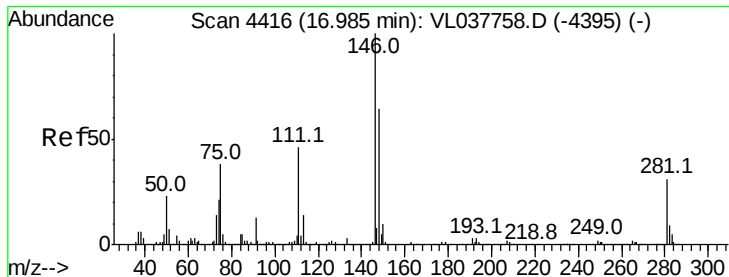
Ion Ratio Lower Upper

119 100

91 84.4 62.6 94.0

134 23.7 16.3 24.5





#66

Benzyl Chloride

Concen: 0.463 ppbv m

RT: 16.99

Delta R.T. MSVOA.L

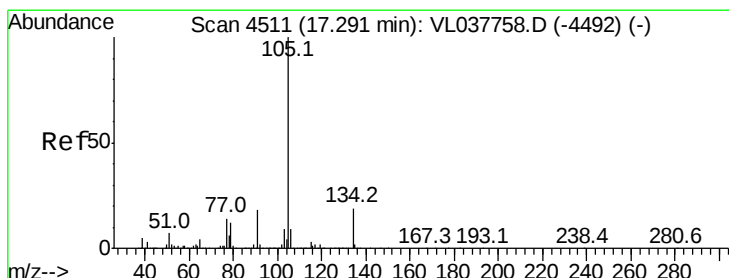
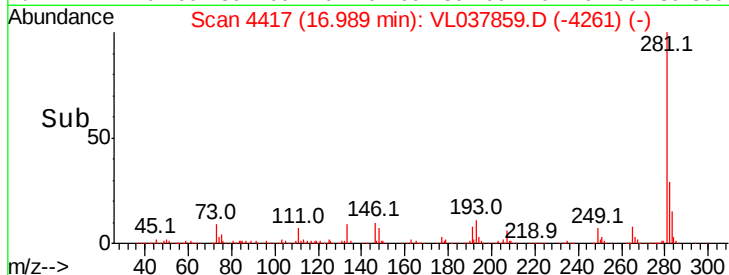
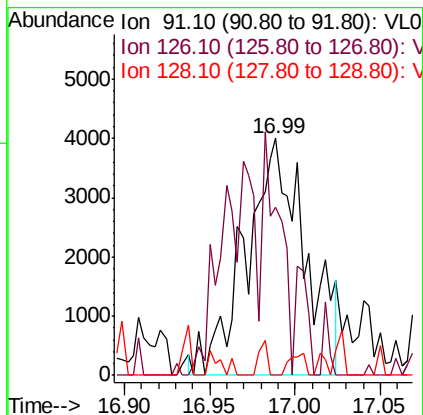
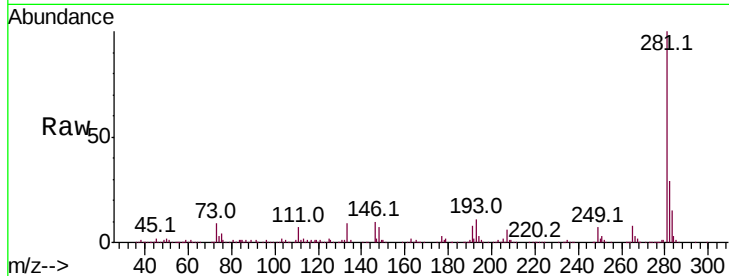
Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24

Tot Ion:
Ion Ratio
91 100
126 92.
128 5.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#67

sec-Butylbenzene

Concen: 0.372 ppbv

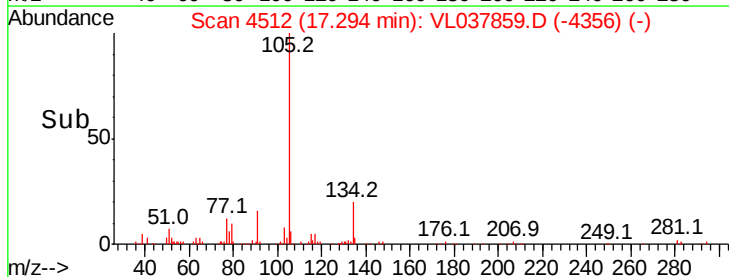
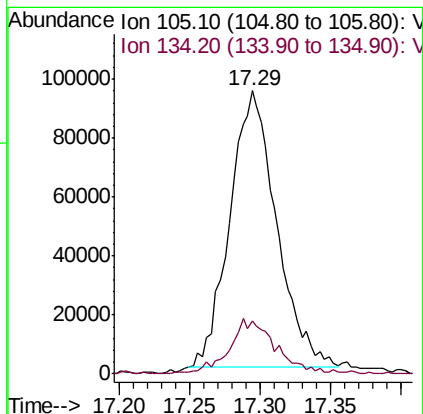
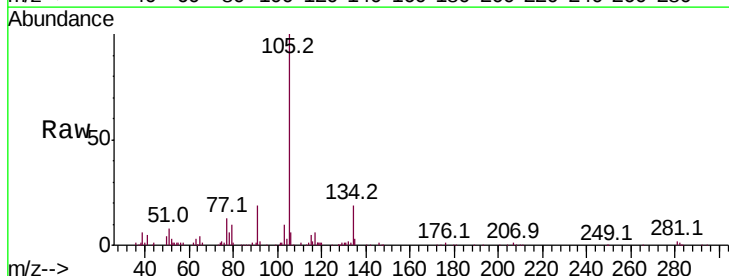
RT: 17.29 min Scan# 4512

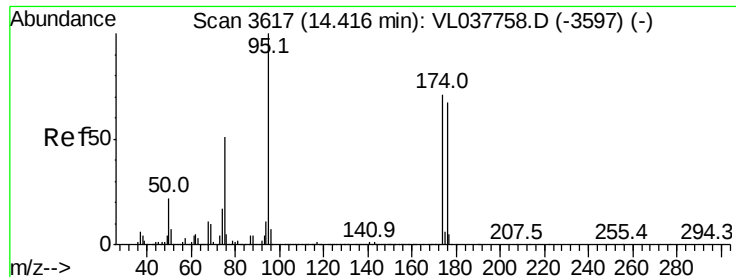
Delta R.T. 0.00 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

Tgt Ion:105 Resp: 215432
Ion Ratio Lower Upper
105 100
134 20.3 15.4 23.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.158 ppbv

RT: 14.41

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Oct 2021 19:24

Tot Ion:

Ion Ratio

95 100

174 76.

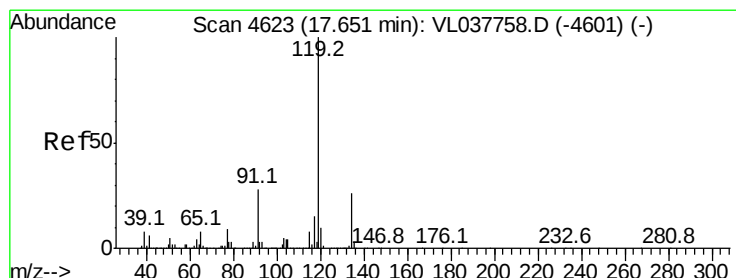
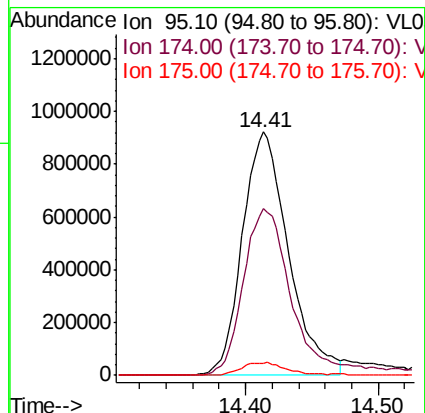
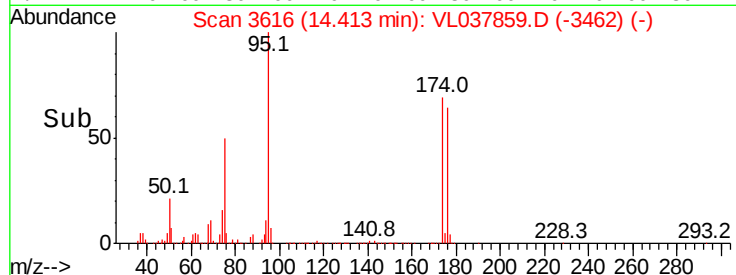
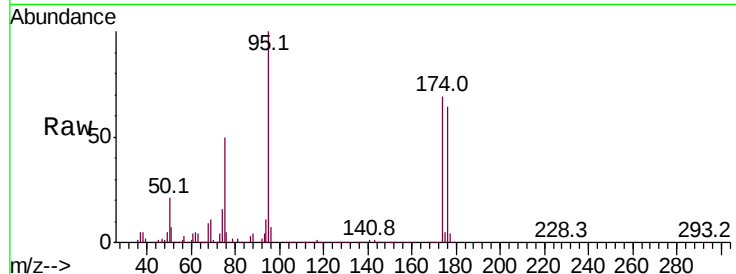
175 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#69

p-Isopropyltoluene

Concen: 0.344 ppbv

RT: 17.65 min Scan# 4623

Delta R.T. -0.00 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

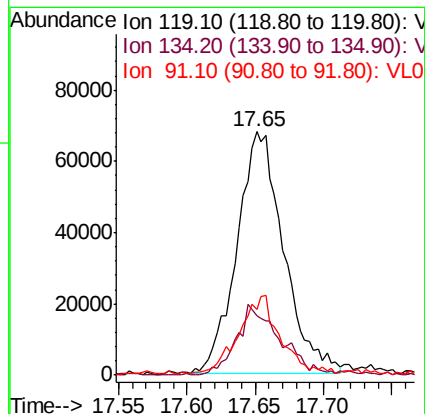
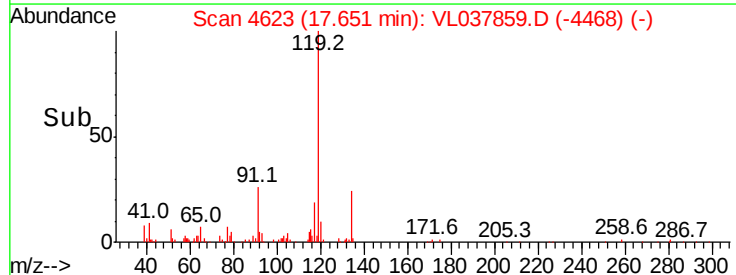
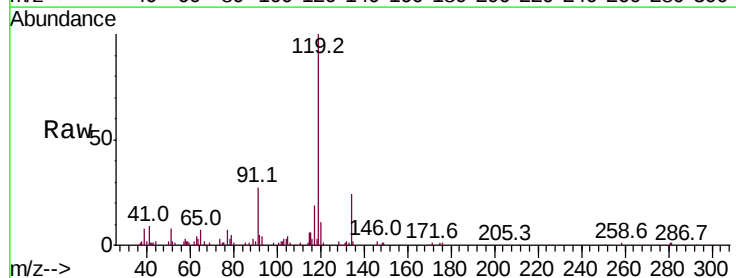
Tgt Ion:119 Resp: 161418

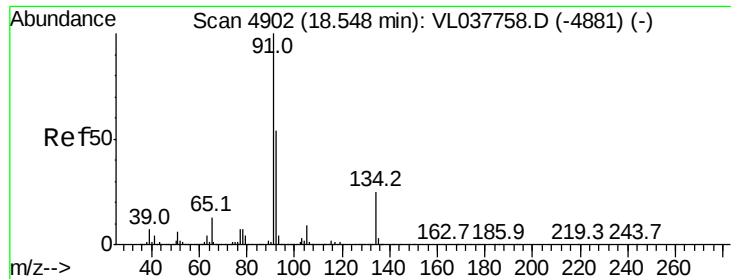
Ion Ratio Lower Upper

119 100

134 27.8 21.2 31.8

91 30.8 22.2 33.4



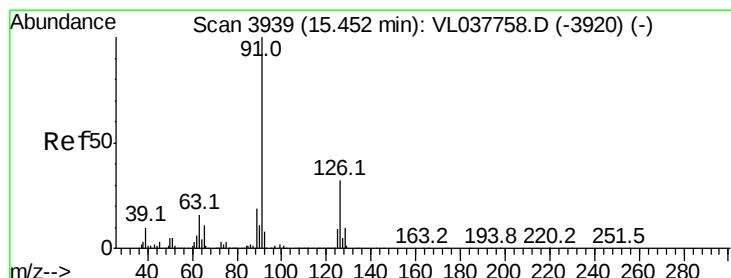
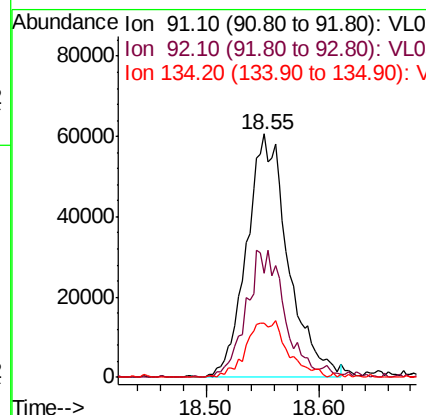
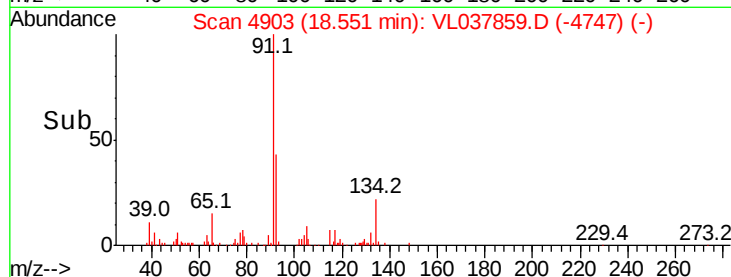
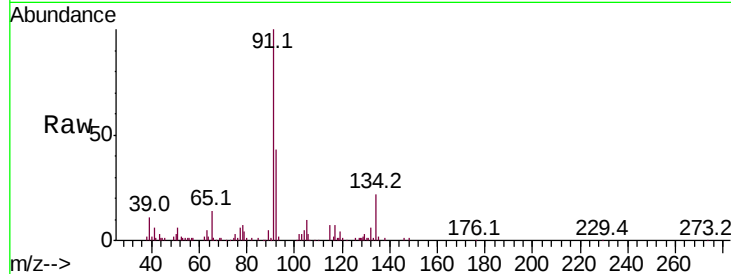


#70
n-Butylbenzene
Concen: 0.346 ppbv m
RT: 18.55
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
LOD-MDL-AIR-01-QT4-2021
Acq: 18 Oct 2021 19:24

Tot Ion:
Ion Ratio
91 100
92 49.
134 0.

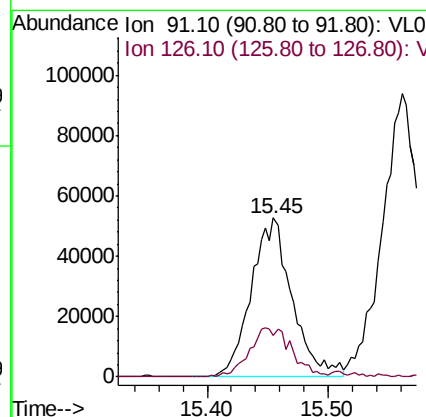
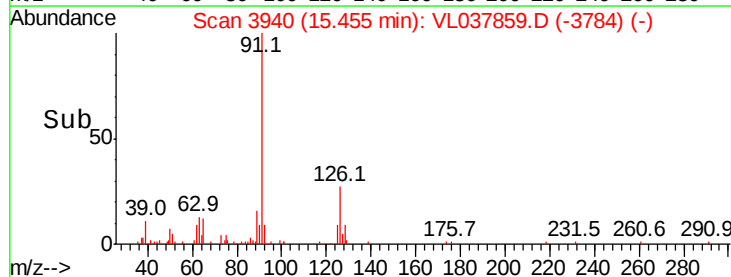
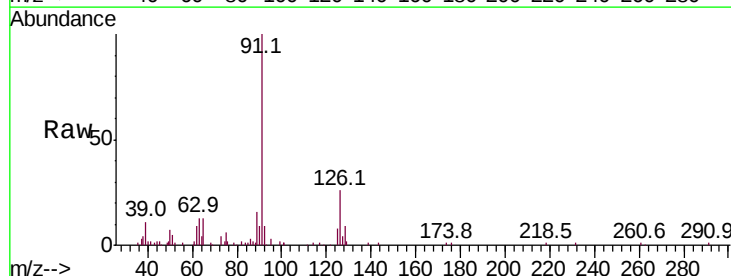
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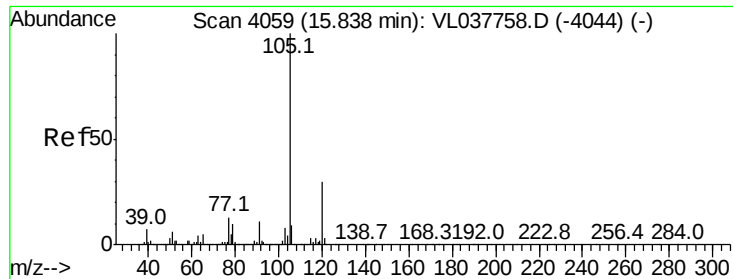
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#71
2-Chlorotoluene
Concen: 0.359 ppbv m
RT: 15.45 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VL037859.D
Acq: 18 Oct 2021 19:24

Tgt Ion: 91 Resp: 122214
Ion Ratio Lower Upper
91 100
126 31.5 13.6 54.6





#72

4-Ethyltoluene

Concen: 0.312 ppbv

RT: 15.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24

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Tot Ion:1

Ion Ratio

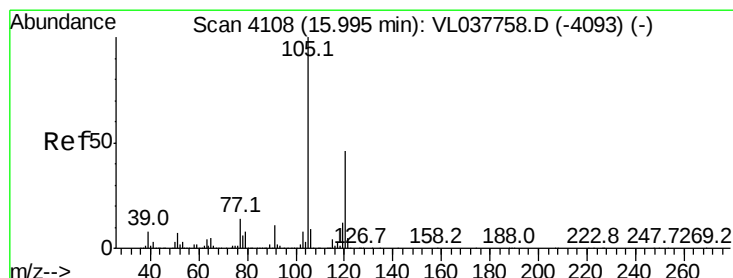
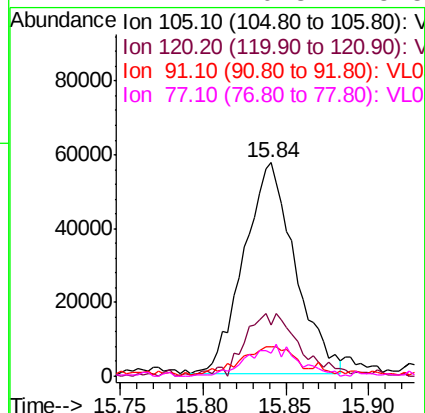
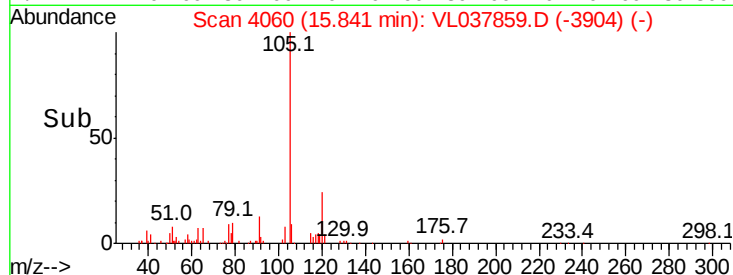
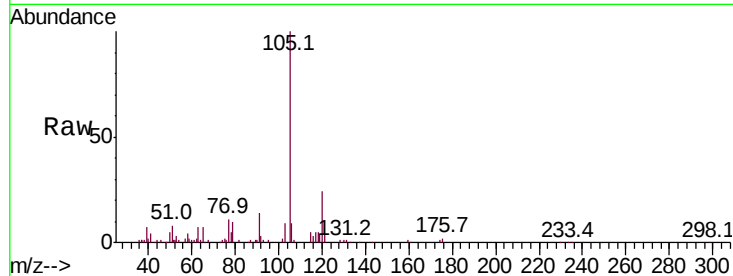
105 100

120 33.

91 19.

77 14.7

Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#73

1,3,5-Trimethylbenzene

Concen: 0.386 ppbv m

RT: 15.99 min Scan# 4107

Delta R.T. -0.00 min

Lab File: VL037859.D

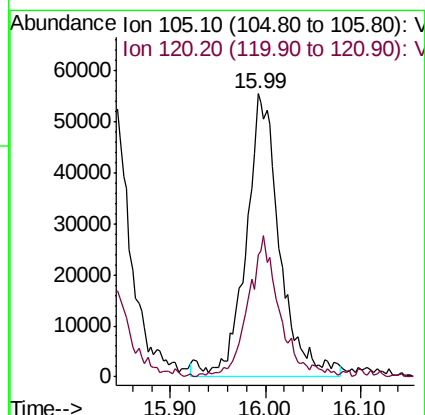
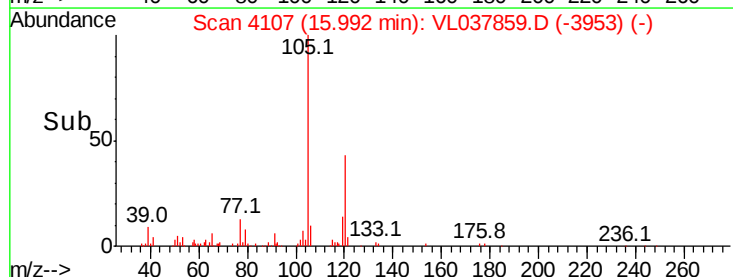
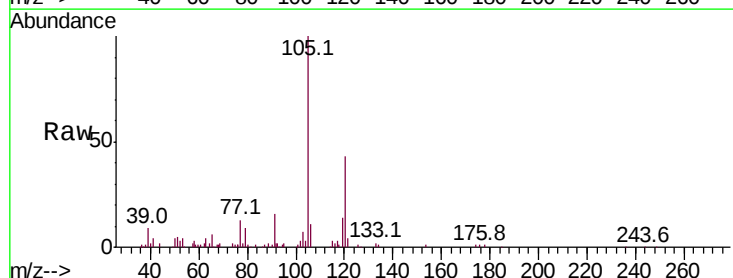
Acq: 18 Oct 2021 19:24

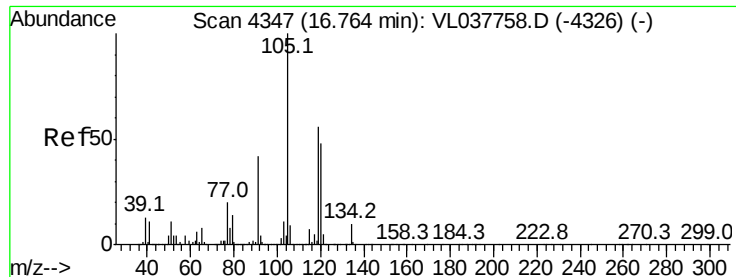
Tgt Ion:105 Resp: 137513

Ion Ratio Lower Upper

105 100

120 42.9 36.6 54.8





#74

1,2,4-Trimethylbenzene

Concen: 0.423 ppbv m

RT: 16.76

Delta R.T. MSVOA_L

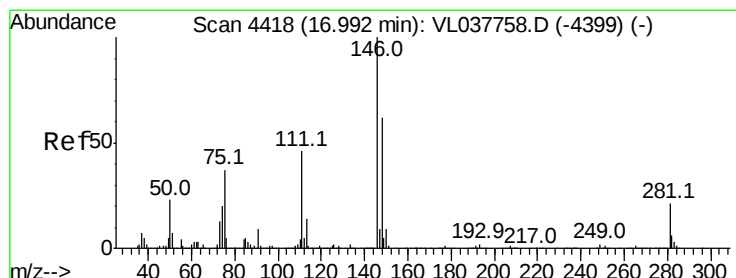
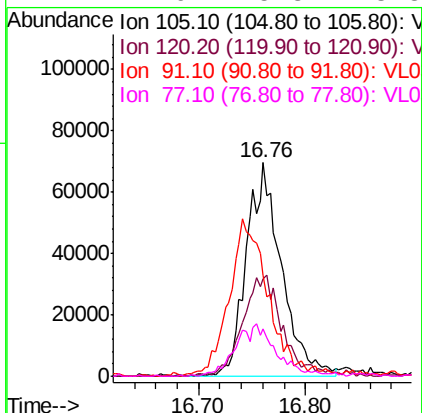
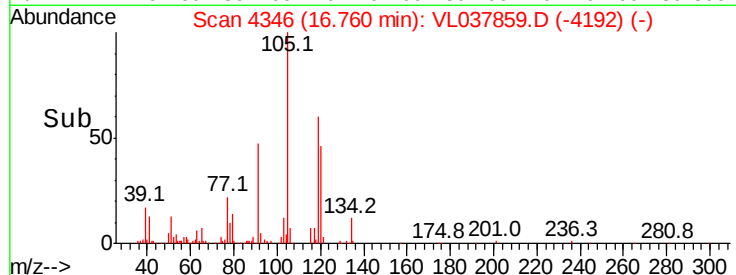
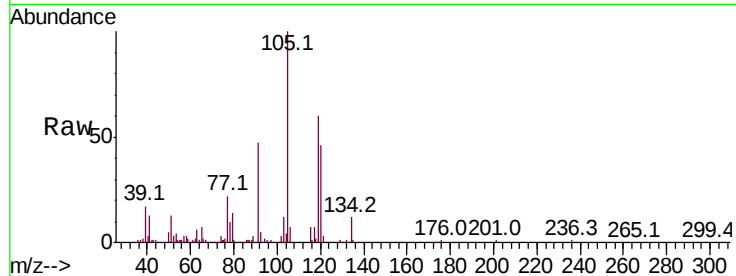
Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24

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Tot Ion	Ion	Ratio
105	100	
120	45.	
91	47.	
77	21.9	15.8 23.8

Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#75

1,3-Dichlorobenzene

Concen: 0.414 ppbv

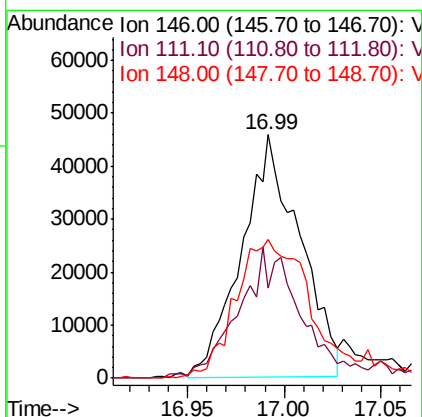
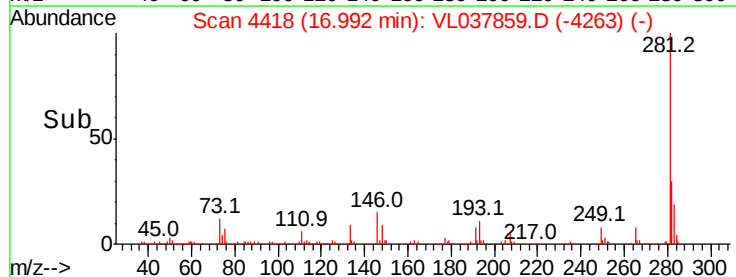
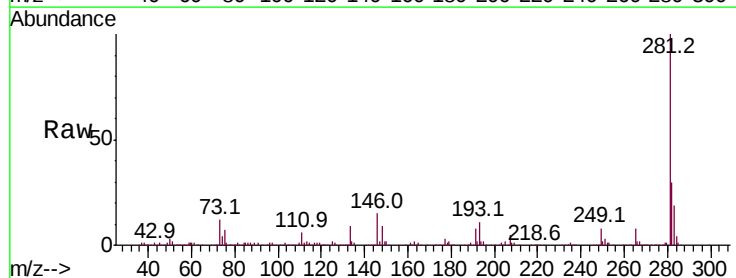
RT: 16.99 min Scan# 4418

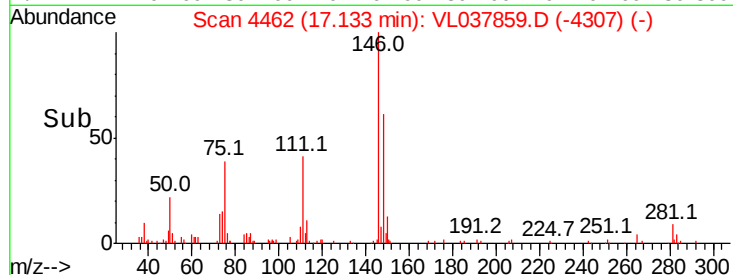
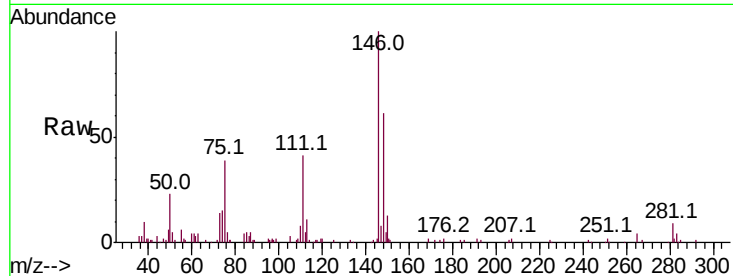
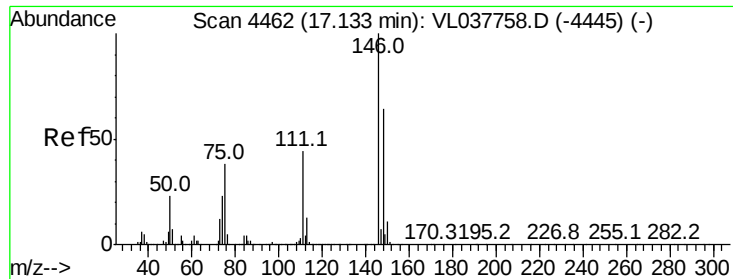
Delta R.T. -0.00 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	95874		
111	61.0		22.8	68.4
148	77.8		32.8	98.3





#76

1,4-Dichlorobenzene

Concen: 0.408 ppbv m

RT: 17.13

Delta R.T. MSVOA_L

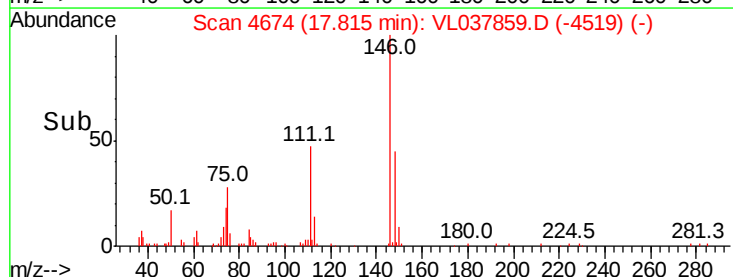
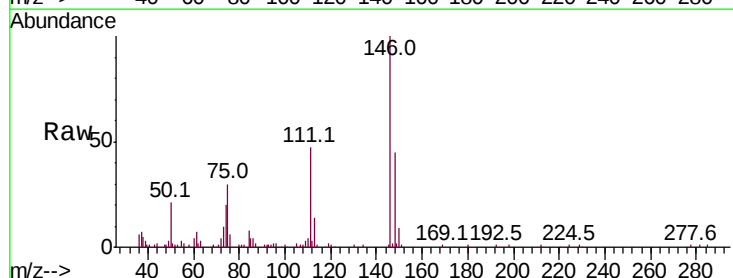
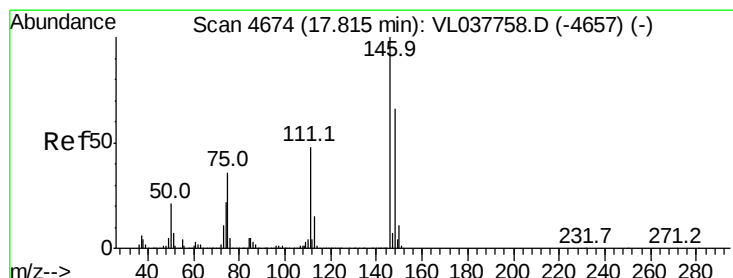
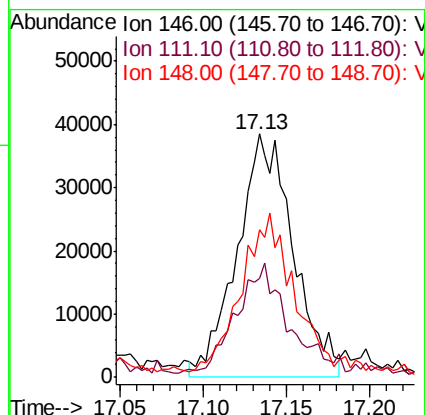
Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24 LOD-MDL-AIR-01-QT4-2021

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

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#77

1,2-Dichlorobenzene

Concen: 0.415 ppbv m

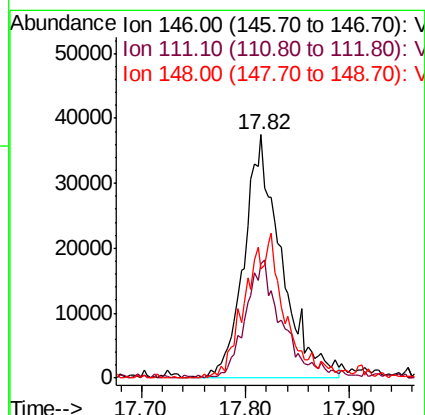
RT: 17.82 min Scan# 4674

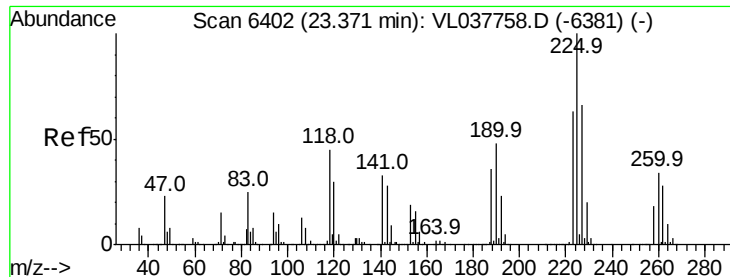
Delta R.T. -0.00 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

Tgt Ion:146 Resp: 92271
Ion Ratio Lower Upper
146 100
111 49.2 23.6 70.8
148 0.0 32.9 98.6#





#78

Hexachloro-1,3-Butadiene

Concen: 0.495 ppbv m

RT: 23.37

Delta R.T. MSVOA_L

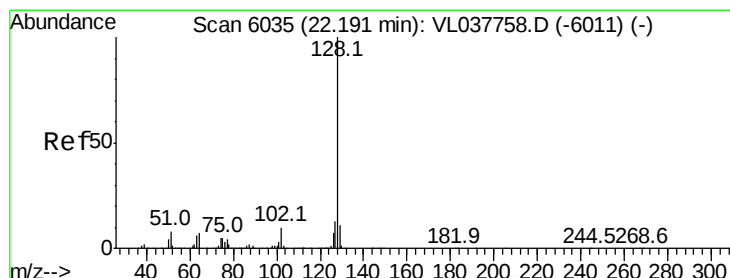
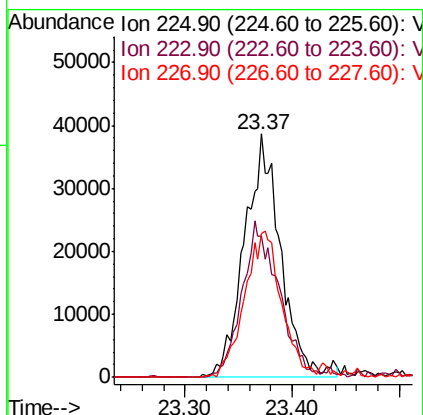
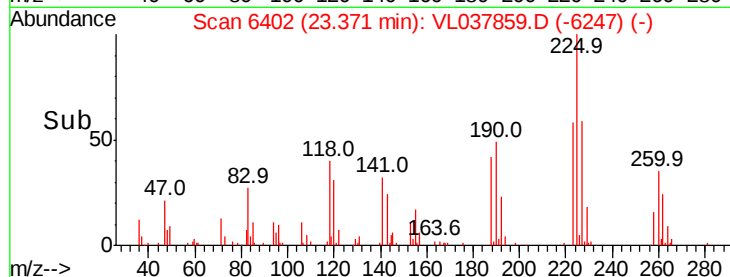
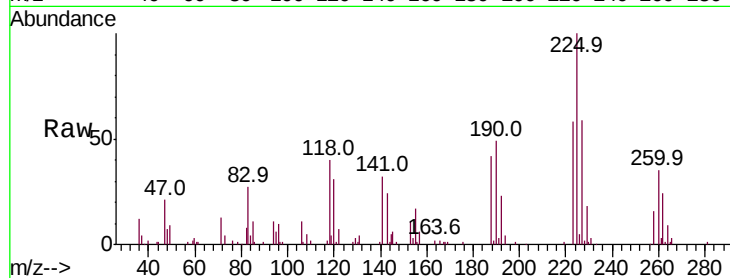
Lab File: ClientSampleId:

Acq: 18 Oct 2021 19:24

Tot Ion: 2
Ion Ratio
225 100
223 65.
227 64.

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 10/25/2021
Supervised By : Mahesh Dadoda 10/27/2021



#79

Naphthalene

Concen: 0.234 ppbv m

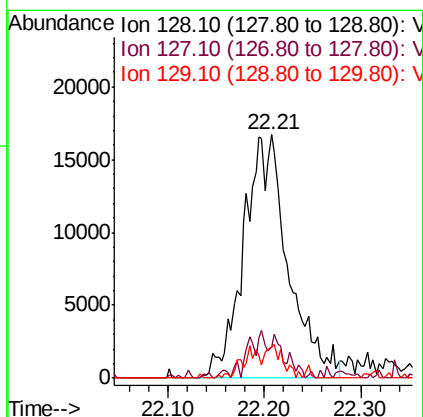
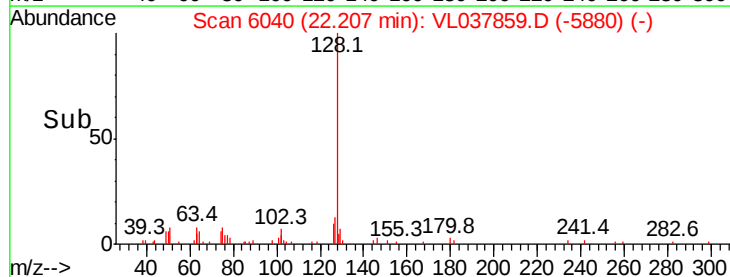
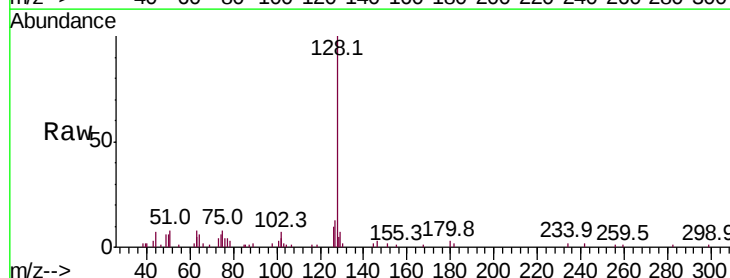
RT: 22.21 min Scan# 6040

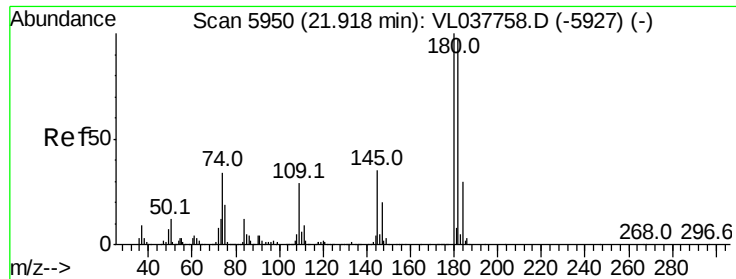
Delta R.T. 0.02 min

Lab File: VL037859.D

Acq: 18 Oct 2021 19:24

Tgt Ion: 128 Resp: 53657
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 7.2 9.1 13.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.333 ppbv m
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Oct 2021 19:24
 LOD-MDL-AIR-01-QT4-2021

Tot Ion:1
 Ion Rati
 180 100
 182 0.
 184 0.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021

