

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037927.D
 Acq On : 27 Oct 2021 22:07
 Operator : SY/AP
 Sample : M4068-13 0.45 LOD
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Quant Time: Oct 28 14:00:16 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

Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 10/29/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1363043	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4011031	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3398198	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2502371	10.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	139786	0.642 ppbv	95
3) Chlorodifluoromethane	3.00	51	126569	0.483 ppbv	99
4) Chloromethane	3.15	50	48928	0.510 ppbv	92
5) Vinyl Chloride	3.27	62	43722	0.497 ppbv	92
6) Bromomethane	3.49	94	24405m	0.513 ppbv	
7) Chloroethane	3.57	64	16508m	0.511 ppbv	
8) Dichlorotetrafluoroethane	3.20	85	106744	0.496 ppbv	92
9) Propene	3.02	41	41903m	0.435 ppbv	
10) Heptane	8.13	43	77220	0.353 ppbv	93
11) Trichlorofluoromethane	3.96	101	93504	0.481 ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.49	101	82295m	0.559 ppbv	
13) Ethanol	3.64	45	3760m	0.477 ppbv	
14) Bromoethene	3.75	108	27623m	0.427 ppbv	
15) Acetone	3.89	43	50159m	0.410 ppbv	
16) 1,3-Butadiene	3.35	39	42793m	0.481 ppbv	
17) tert-Butyl alcohol	4.33	59	54288m	0.431 ppbv	
18) 1,1-Dichloroethene	4.29	96	31557m	0.472 ppbv	
19) Isopropyl Alcohol	4.00	45	34640m	0.455 ppbv	
20) Methylene Chloride	4.36	84	37299	0.603 ppbv	93
21) Allyl Chloride	4.43	41	44423	0.410 ppbv	88
22) trans-1,2-Dichloroethene	4.90	96	32393m	0.482 ppbv	
23) Vinyl Acetate	5.09	43	71136m	0.388 ppbv	
24) 1,1-Dichloroethane	5.02	63	70863	0.531 ppbv	97
25) Ethyl Acetate	5.70	43	129481	0.377 ppbv #	92
26) Hexane	5.70	57	62448m	0.369 ppbv	
27) Carbon Disulfide	4.56	76	59192	0.395 ppbv #	90
28) Methyl tert-Butyl Ether	5.06	73	57609m	0.409 ppbv	
29) Chloroform	5.76	83	111528	0.461 ppbv	98
30) Cyclohexane	7.15	84	60957m	0.425 ppbv	
31) cis-1,2-Dichloroethene	5.56	61	58017m	0.378 ppbv	
32) 1,1,1-Trichloroethane	6.52	97	99998m	0.436 ppbv	
34) 2-Butanone	5.27	43	61422m	0.379 ppbv	
35) Carbon Tetrachloride	7.03	117	98000	0.430 ppbv	96
36) Benzene	6.90	78	127767m	0.373 ppbv	
37) 1,2-Dichloroethane	6.31	62	70872m	0.439 ppbv	
38) Trichloroethene	7.85	130	50921m	0.376 ppbv	
39) 1,2-Dichloropropane	7.63	63	50867	0.395 ppbv	88
40) 1,4-Dioxane	7.89	88	14636m	0.454 ppbv	
41) Tetrahydrofuran	6.11	42	25480m	0.321 ppbv	
42) Bromodichloromethane	7.80	83	99012m	0.418 ppbv	
43) Methyl Methacrylate	8.04	69	33785m	0.302 ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 10/29/2021

Quant Time: Oct 28 14:00:16 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)
44) 2,2,4-Trimethylpentane	7.88	57	218906m	0.380	ppbv	
45) t-1,3-Dichloropropene	9.28	75	20581m	0.267	ppbv	
46) cis-1,3-Dichloropropene	8.71	75	33175m	0.311	ppbv	
47) 1,1,2-Trichloroethane	9.49	97	62758m	0.448	ppbv	
48) Dibromochloromethane	10.31	129	71378m	0.357	ppbv	
49) Bromoform	13.04	173	54759m	0.358	ppbv	
50) 4-Methyl-2-Pentanone	8.78	43	64615m	0.307	ppbv	
51) 2-Hexanone	10.17	43	24246m	0.258	ppbv	
52) Tetrachloroethene	11.23	164	47249m	0.354	ppbv	
53) Toluene	9.82	91	104792m	0.276	ppbv	
54) 1,2-Dibromoethane	10.62	107	69640m	0.368	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.13	131	70333m	0.500	ppbv	
57) Chlorobenzene	12.15	112	134951	0.484	ppbv	# 85
58) Ethyl Benzene	12.72	91	135379m	0.297	ppbv	
59) m/p-Xylene	13.01	91	275765m	0.704	ppbv	
60) o-Xylene	13.70	91	128899m	0.343	ppbv	
61) Styrene	13.53	104	39929m	0.220	ppbv	
62) Isopropylbenzene	14.67	105	201266	0.384	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.69	83	126665	0.437	ppbv	94
64) n-propylbenzene	15.57	120	49909m	0.382	ppbv	
65) tert-Butylbenzene	16.75	119	173341	0.376	ppbv	95
66) Benzyl Chloride	17.00	91	8958m	0.394	ppbv	
67) sec-Butylbenzene	17.30	105	234604	0.372	ppbv	95
69) p-Isopropyltoluene	17.65	119	164482	0.323	ppbv	96
70) n-Butylbenzene	18.56	91	162645m	0.336	ppbv	
71) 2-Chlorotoluene	15.46	91	128226m	0.347	ppbv	
72) 4-Ethyltoluene	15.85	105	138339m	0.325	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	145275m	0.375	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	164408	0.404	ppbv	97
75) 1,3-Dichlorobenzene	17.01	146	117169m	0.465	ppbv	
76) 1,4-Dichlorobenzene	17.15	146	100440m	0.418	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	103854m	0.429	ppbv	
78) Hexachloro-1,3-Butadiene	23.38	225	101411m	0.513	ppbv	
79) Naphthalene	22.21	128	52016m	0.209	ppbv	
80) Naphthalene,2-methyl-	24.97	142	10380m	0.155	ppbv	
81) 1,2,4-Trichlorobenzene	21.93	180	49494m	0.311	ppbv	

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

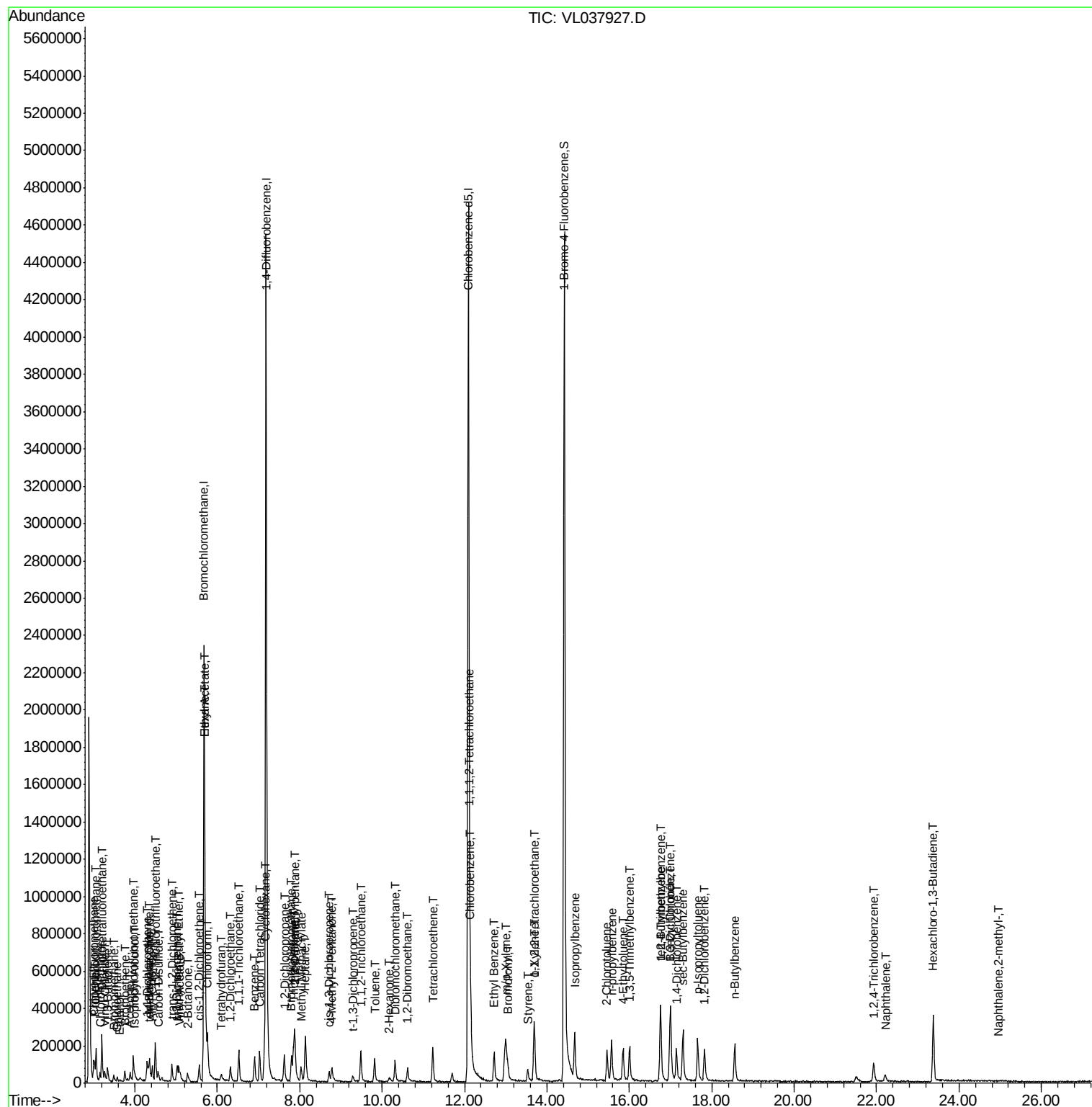
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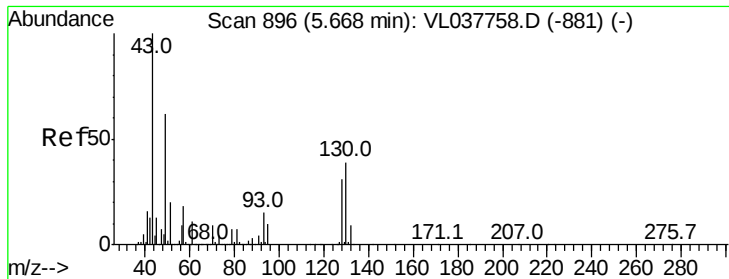
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Quant Time: Oct 28 14:00:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
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Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_L

Delta R.T. 0.01

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

Acq: 27 Oct 2021 22:07

Tot Ion:

Ion Ratio

49 100

128 52.

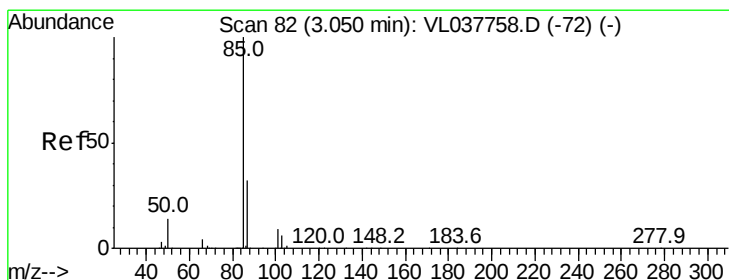
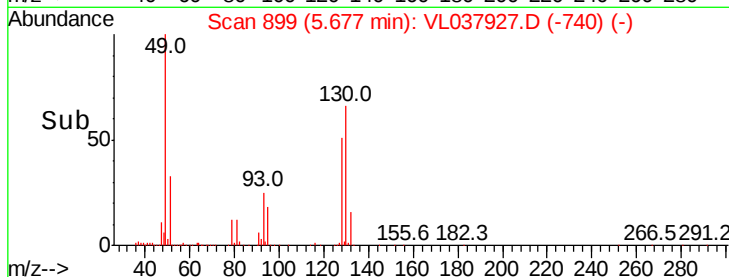
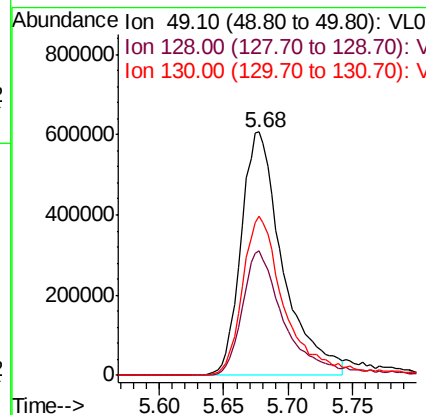
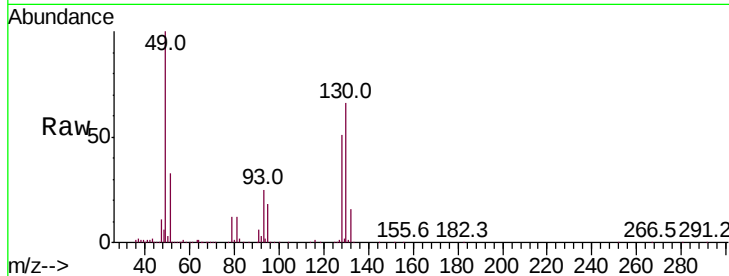
130 68.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021

Supervised By :Semsettin Yesilyurt 10/29/2021



#2

Dichlorodifluoromethane

Concen: 0.642 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL037927.D

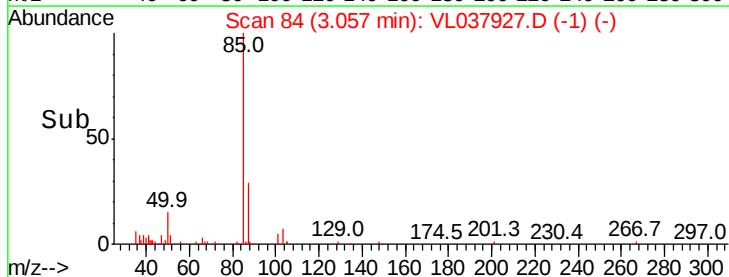
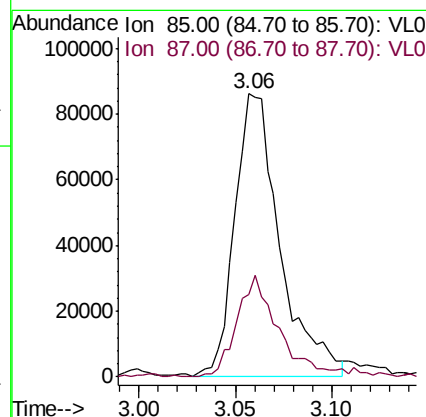
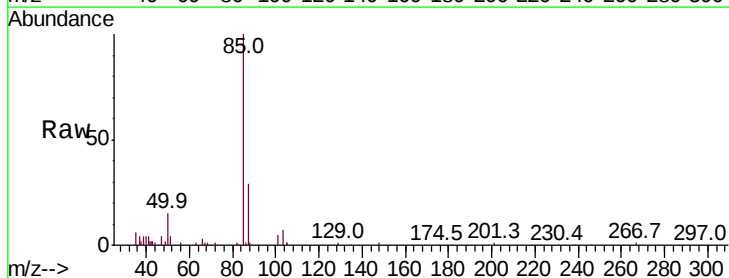
Acq: 27 Oct 2021 22:07

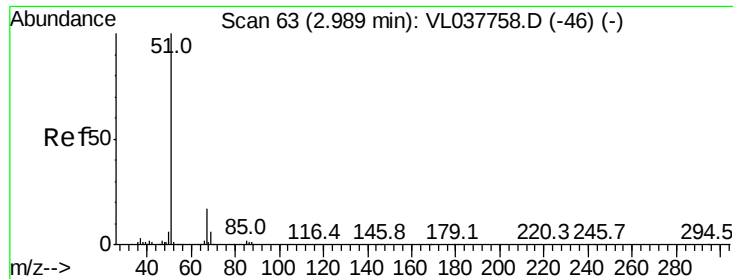
Tgt Ion: 85 Resp: 139786

Ion Ratio Lower Upper

85 100

87 29.4 25.7 38.5





#3

Chlorodifluoromethane

Concen: 0.483 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

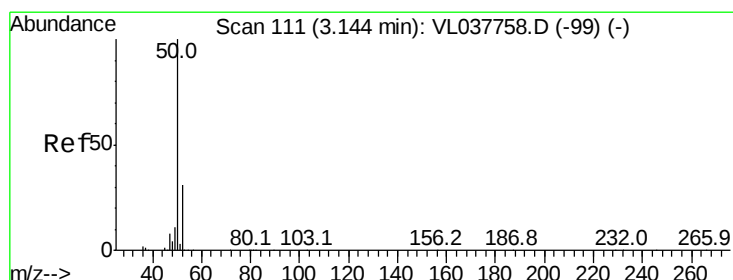
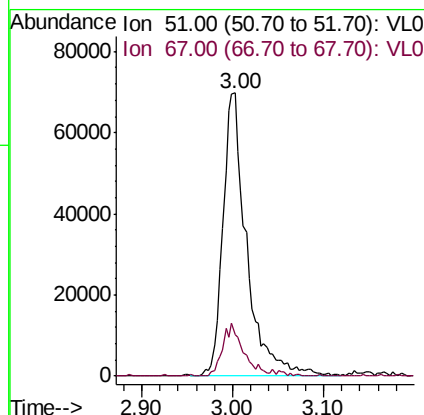
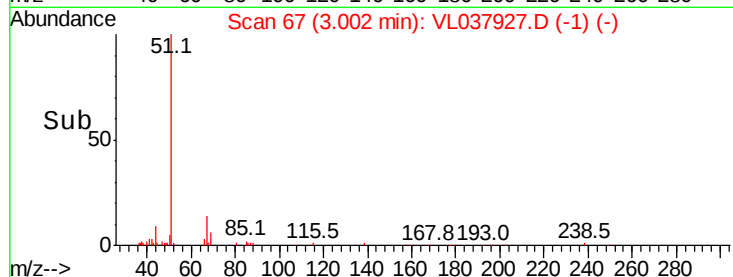
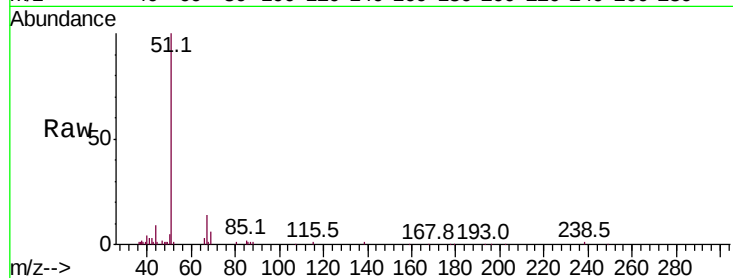
51 100

67 17.

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 10/29/2021



#4

Chloromethane

Concen: 0.510 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL037927.D

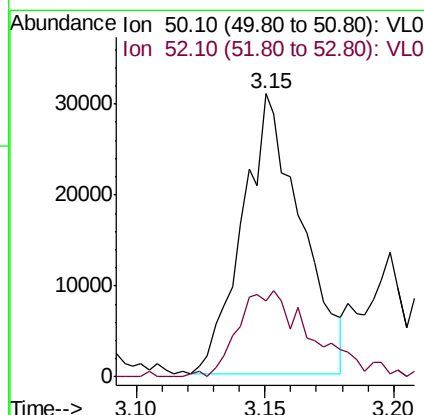
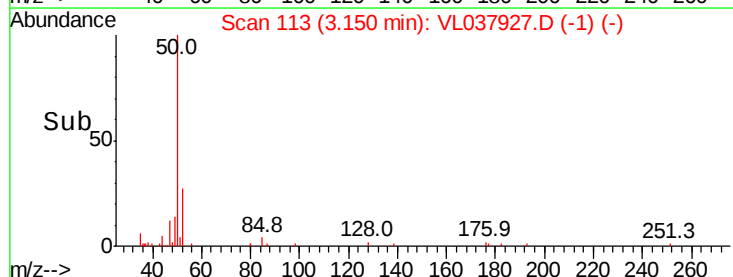
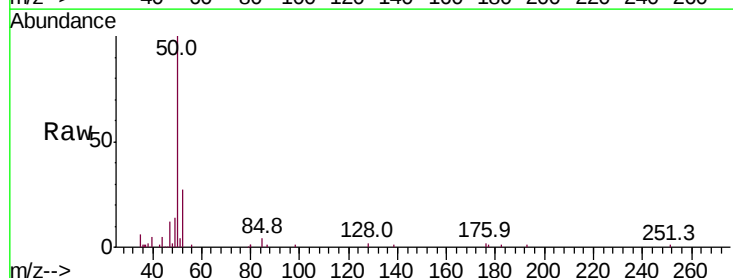
Acq: 27 Oct 2021 22:07

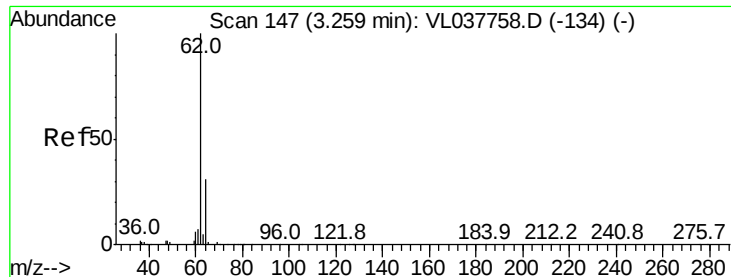
Tgt Ion: 50 Resp: 48928

Ion Ratio Lower Upper

50 100

52 26.0 24.4 36.6





#5

Vinyl Chloride

Concen: 0.497 ppbv

RT: 3.27

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 27 Oct 2021 22:07

Tot Ion:

Ion Ratio

62 100

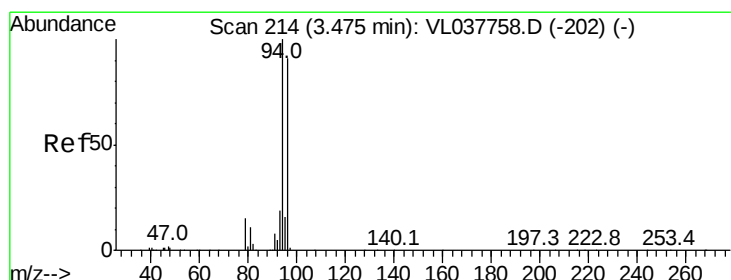
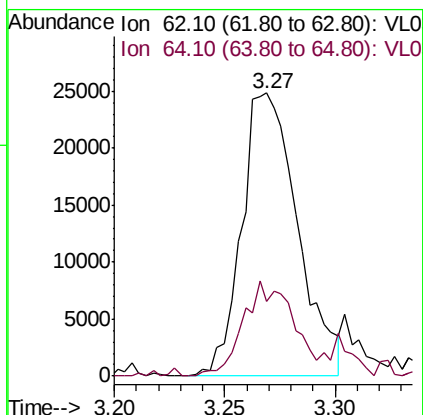
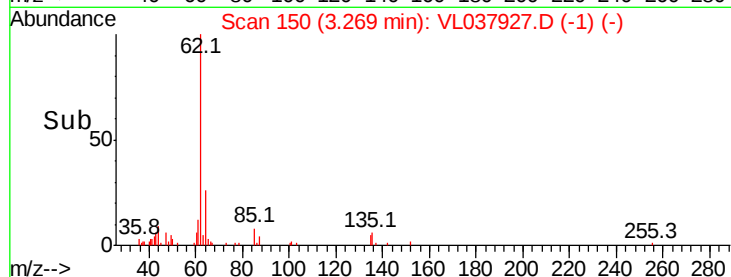
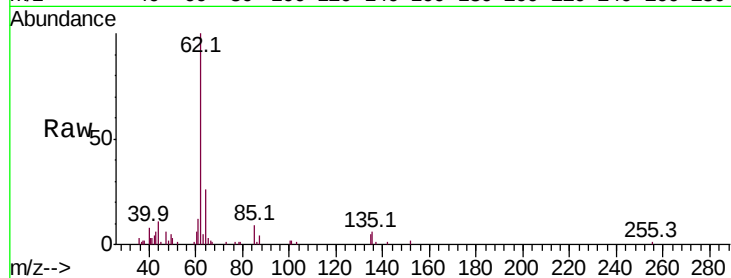
64 26.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021

Supervised By :Semsettin Yesilyurt 10/29/2021



#6

Bromomethane

Concen: 0.513 ppbv m

RT: 3.49 min Scan# 218

Delta R.T. 0.01 min

Lab File: VL037927.D

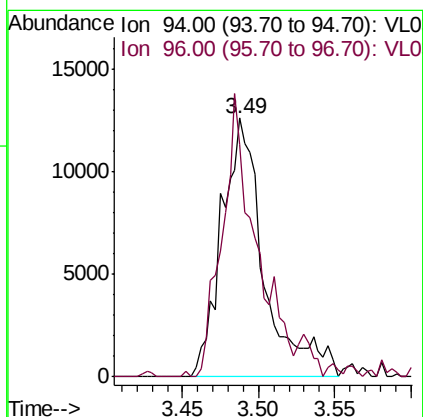
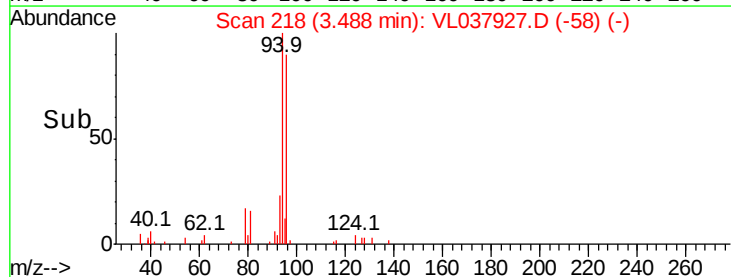
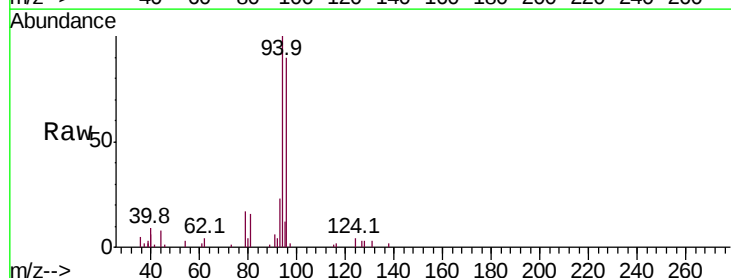
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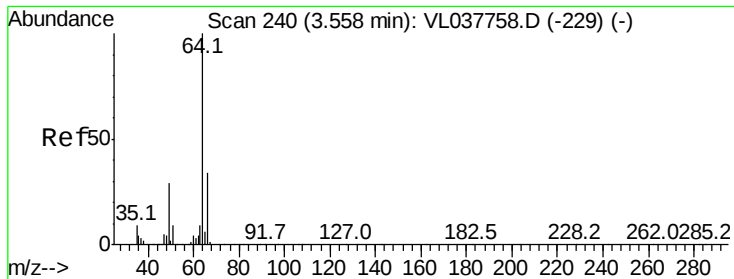
Tgt Ion: 94 Resp: 24405

Ion Ratio Lower Upper

94 100

96 89.6 72.5 108.7





#7

Chloroethane

Concen: 0.511 ppbv m

RT: 3.57 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

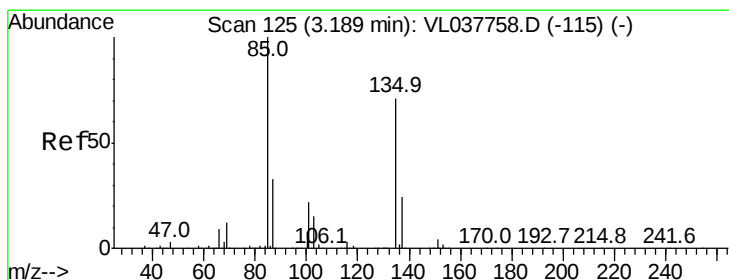
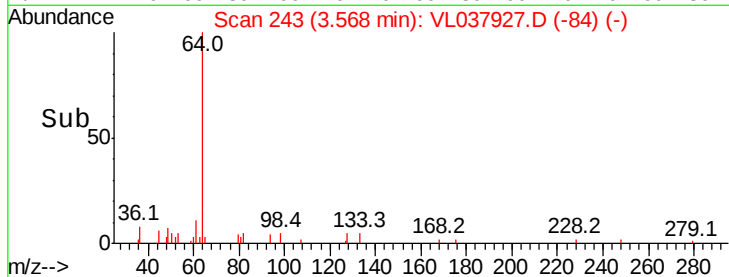
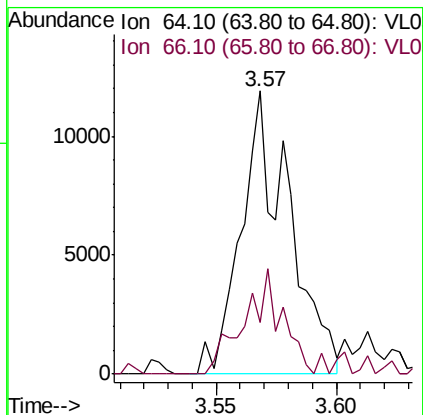
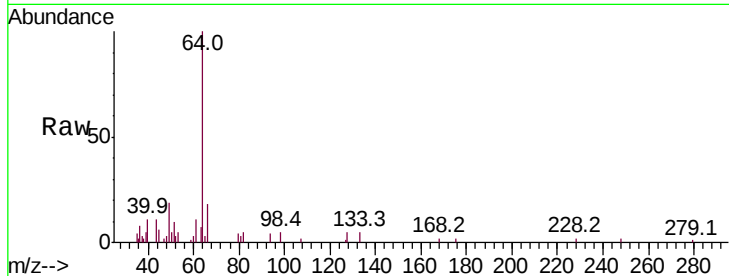
64 100

66 18.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#8

Dichlorotetrafluoroethane

Concen: 0.496 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.01 min

Lab File: VL037927.D

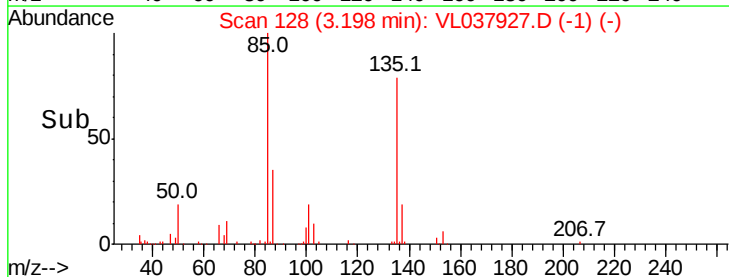
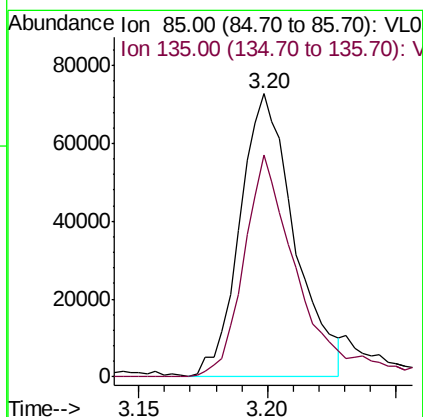
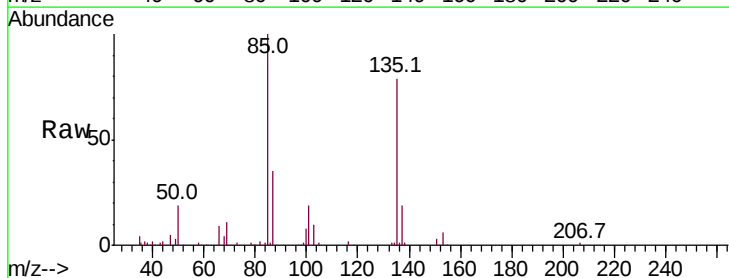
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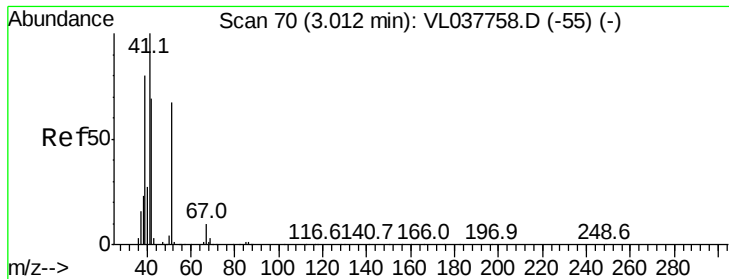
Tgt Ion: 85 Resp: 106744

Ion Ratio Lower Upper

85 100

135 81.3 59.5 89.3





#9

Propene

Concen: 0.435 ppbv m

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

41 100

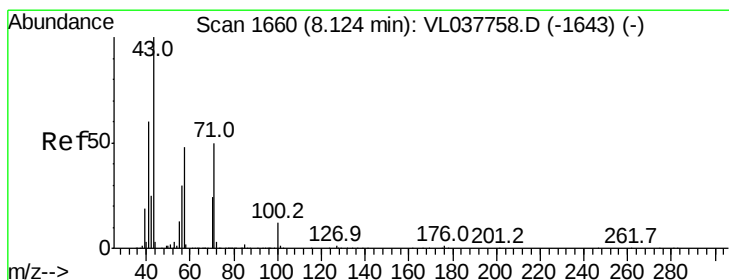
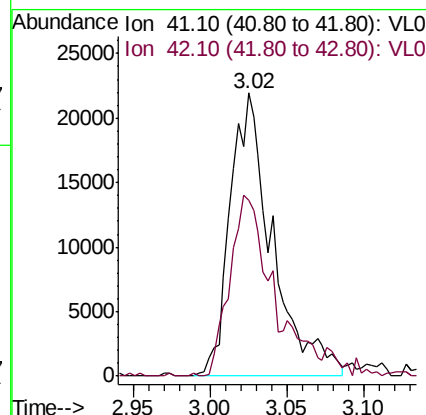
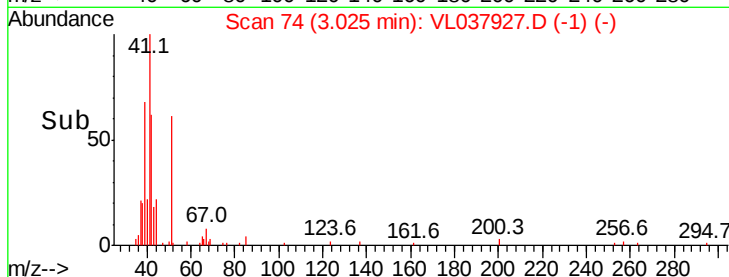
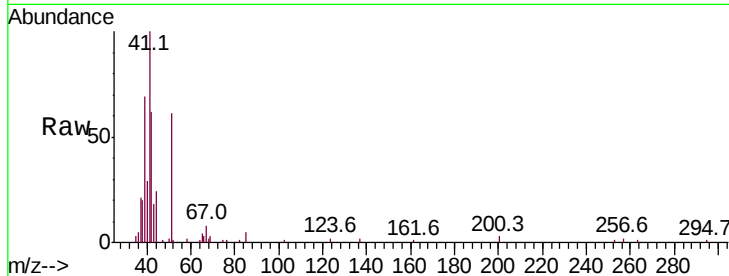
42 71.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021

Supervised By :Semsettin Yesilyurt 10/29/2021



#10

Heptane

Concen: 0.353 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VL037927.D

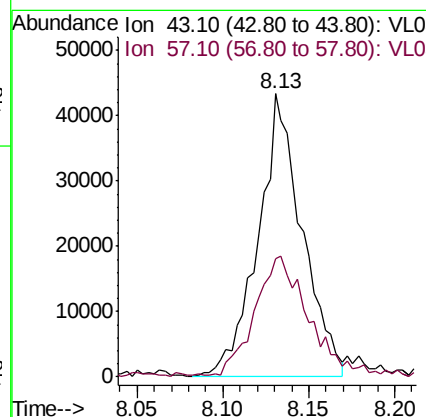
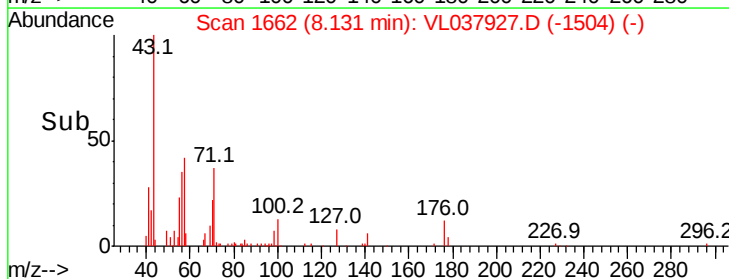
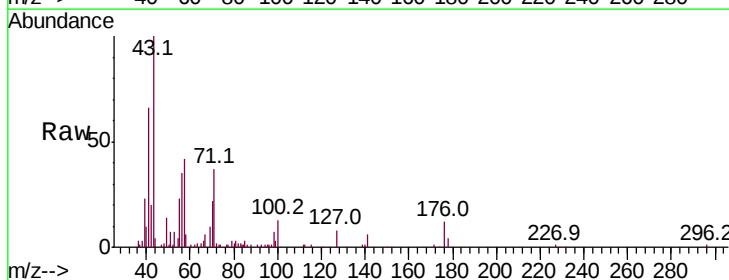
Acq: 27 Oct 2021 22:07

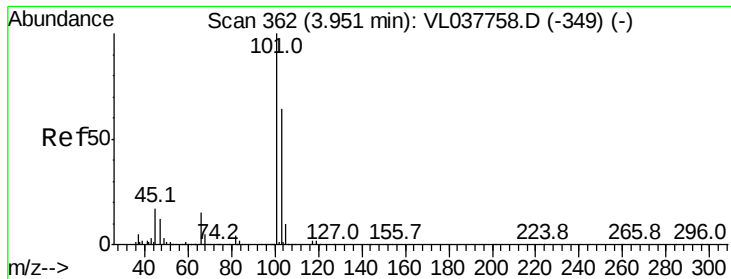
Tgt Ion: 43 Resp: 77220

Ion Ratio Lower Upper

43 100

57 54.5 40.0 60.0



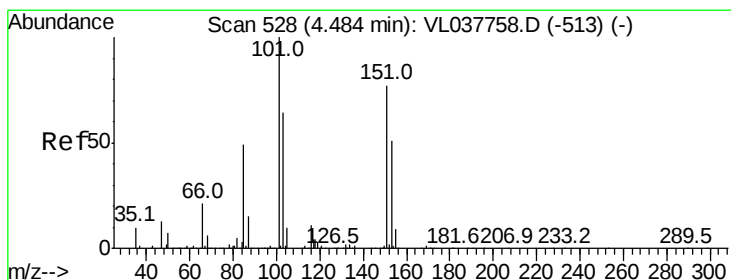
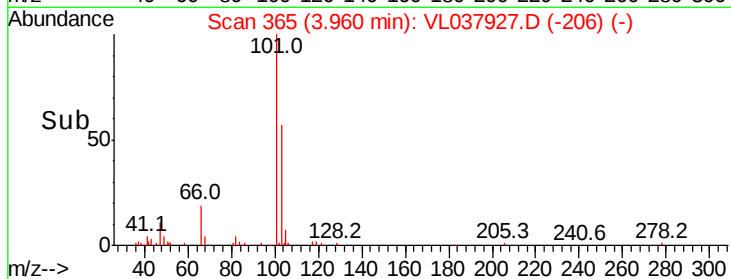
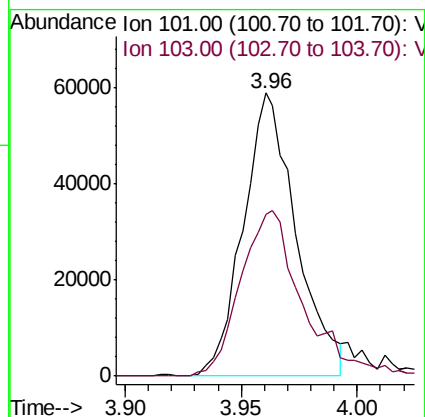
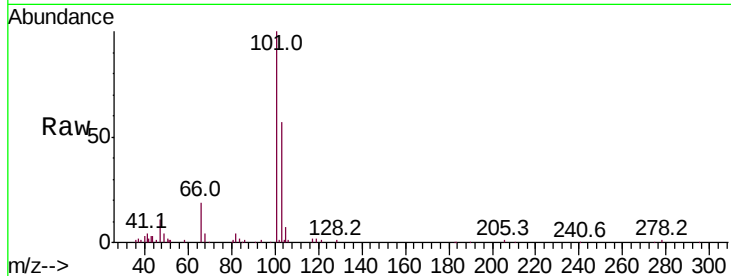


#11
 Trichlorofluoromethane
 Concen: 0.481 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Oct 2021 22:07

Tot Ion:1
 Ion Ratio
 101 100
 103 57.

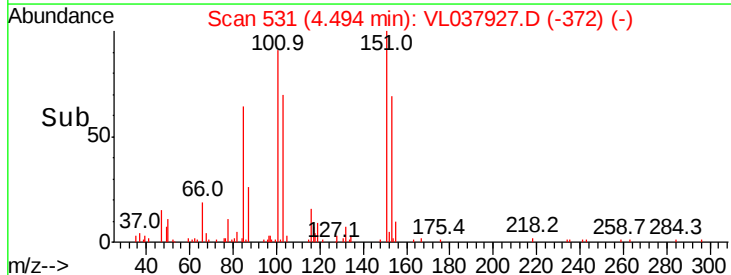
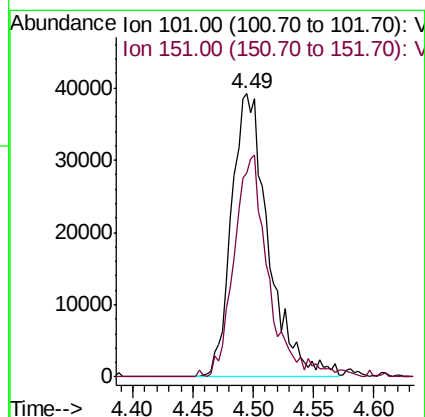
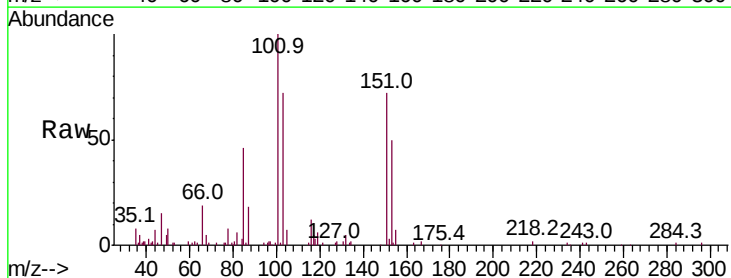
Manual Integrations
 APPROVED

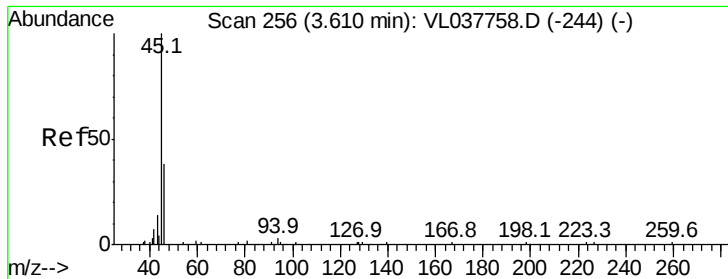
Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 10/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.559 ppbv m
 RT: 4.49 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VL037927.D
 Acq: 27 Oct 2021 22:07

Tgt Ion:101 Resp: 82295
 Ion Ratio Lower Upper
 101 100
 151 0.0 62.9 94.3#





#13

Ethanol

Concen: 0.477 ppbv m

RT: 3.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

45 100

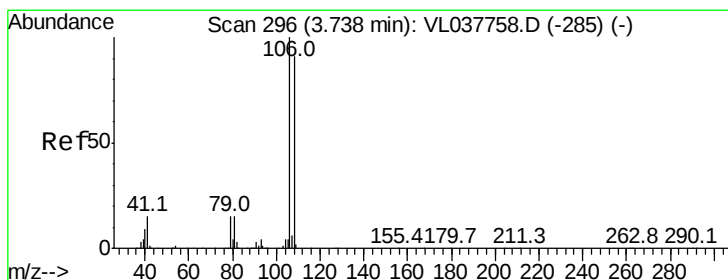
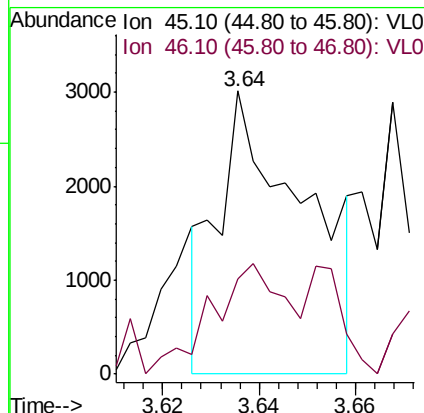
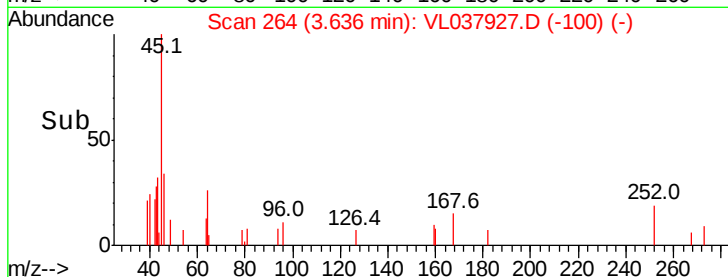
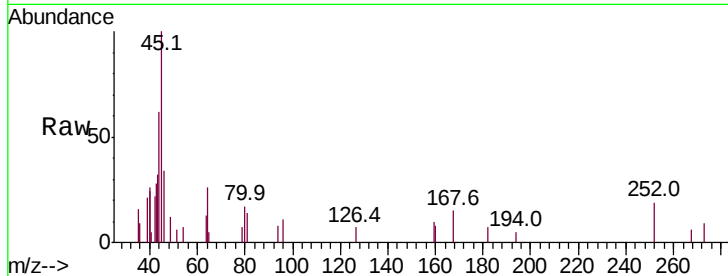
46 0.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021

Supervised By :Semsettin Yesilyurt 10/29/2021



#14

Bromoethene

Concen: 0.427 ppbv m

RT: 3.75 min Scan# 301

Delta R.T. 0.02 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

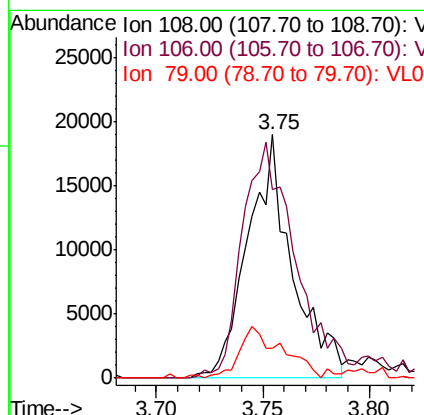
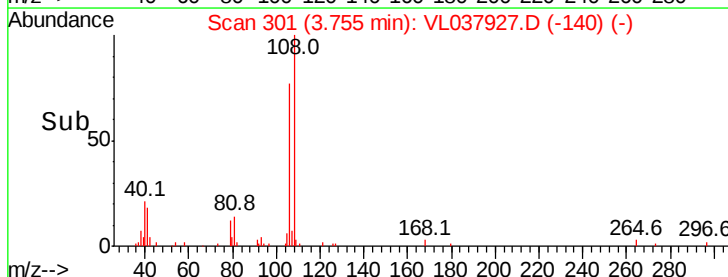
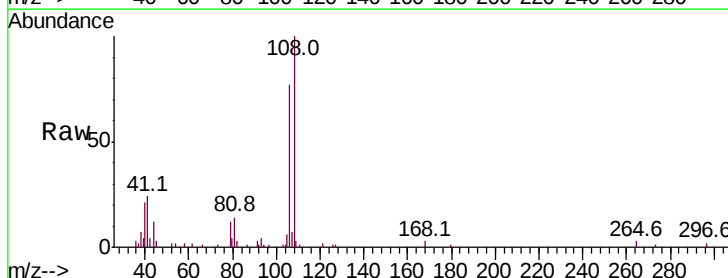
Tgt Ion:108 Resp: 27623

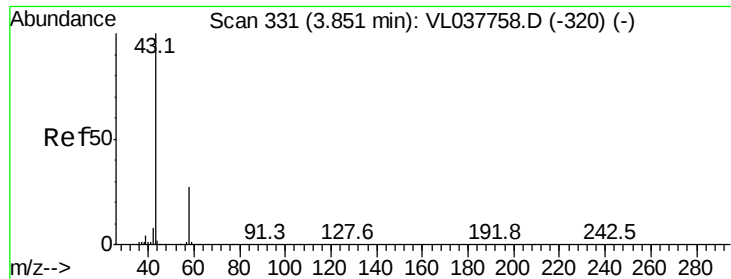
Ion Ratio Lower Upper

108 100

106 0.0 91.9 137.9#

79 24.2 13.9 20.9#





#15

Acetone

Concen: 0.410 ppbv m

RT: 3.89

Delta R.T. MSVOA_L

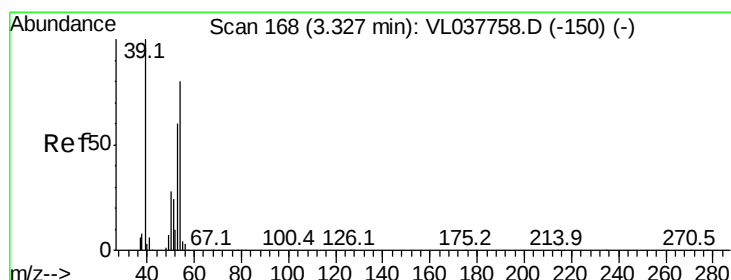
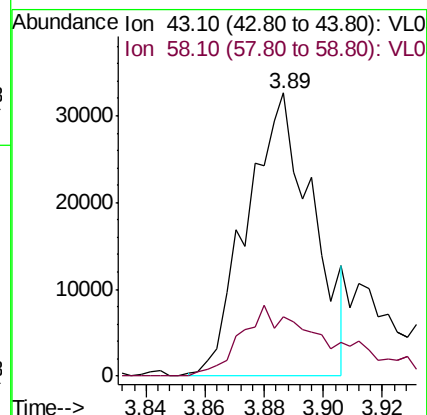
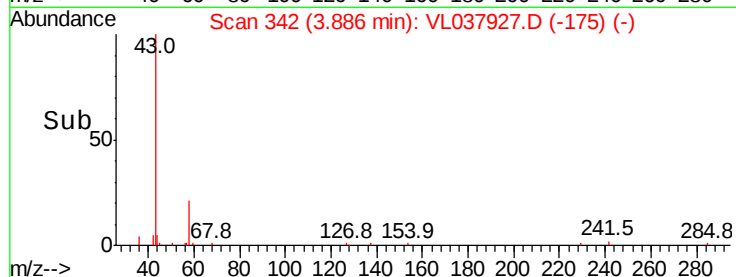
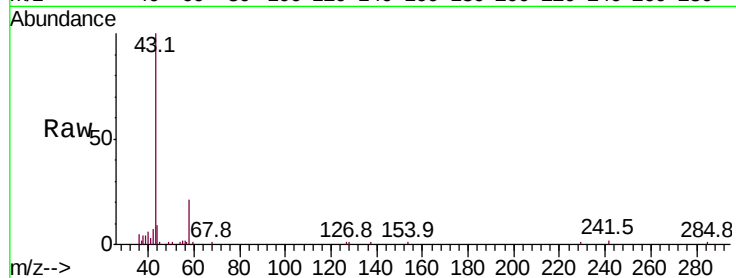
Lab File: ClientSampleId :

Acq: 27 Oct 2021 22:07

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#16

1,3-Butadiene

Concen: 0.481 ppbv m

RT: 3.35 min Scan# 174

Delta R.T. 0.02 min

Lab File: VL037927.D

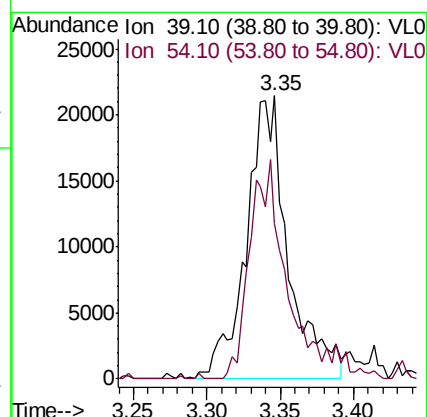
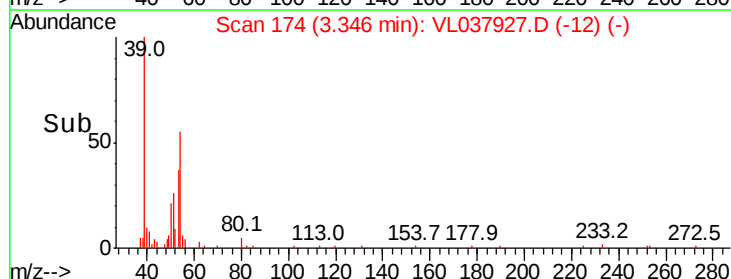
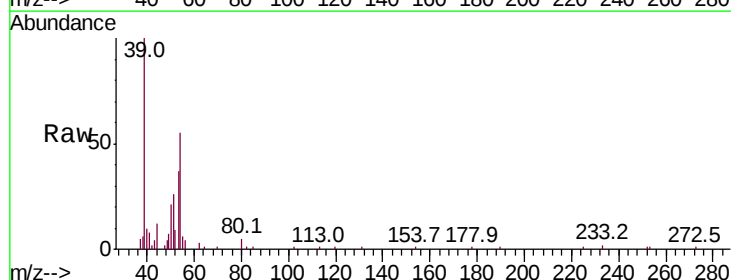
Acq: 27 Oct 2021 22:07

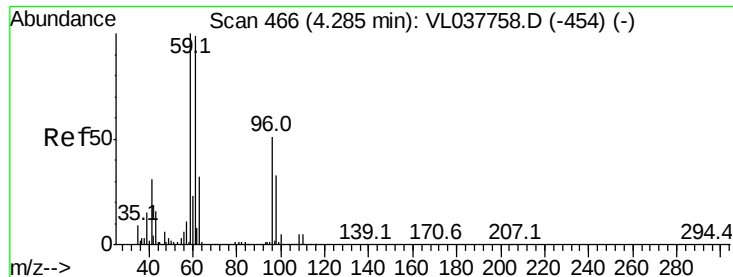
Tgt Ion: 39 Resp: 42793

Ion Ratio Lower Upper

39 100

54 0.0 61.7 92.5#





#17

tert-Butyl alcohol

Concen: 0.431 ppbv m

RT: 4.33 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

59 100

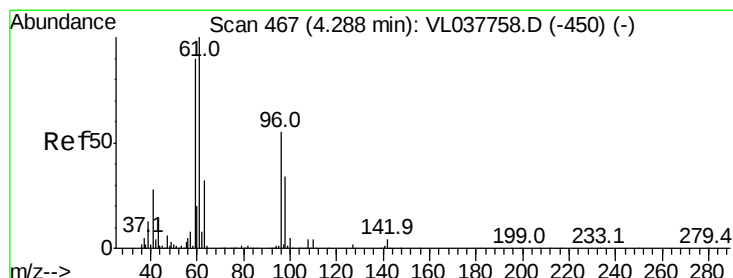
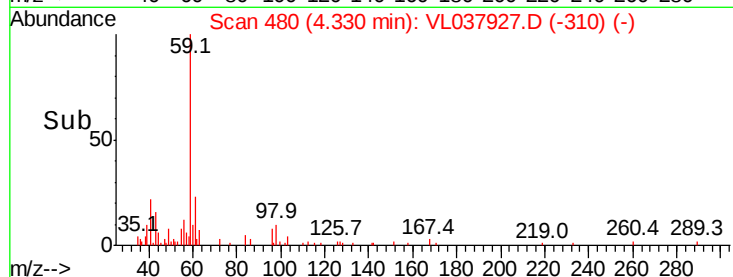
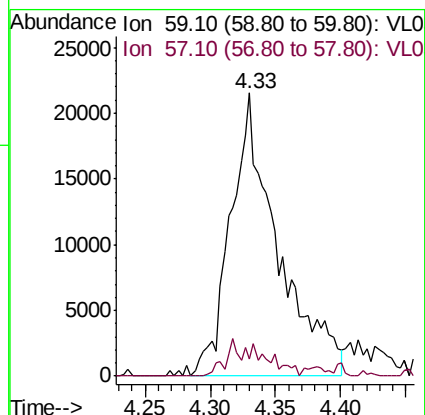
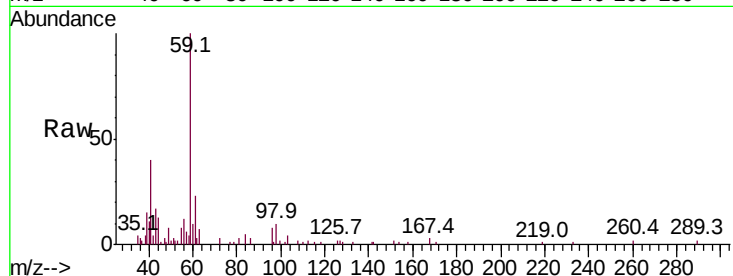
57 9.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021

Supervised By :Semsettin Yesilyurt 10/29/2021



#18

1,1-Dichloroethene

Concen: 0.472 ppbv m

RT: 4.29 min Scan# 469

Delta R.T. 0.01 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

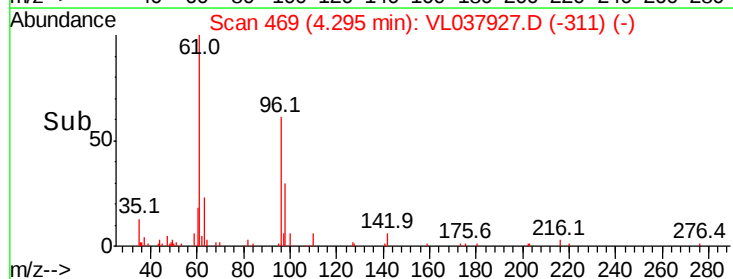
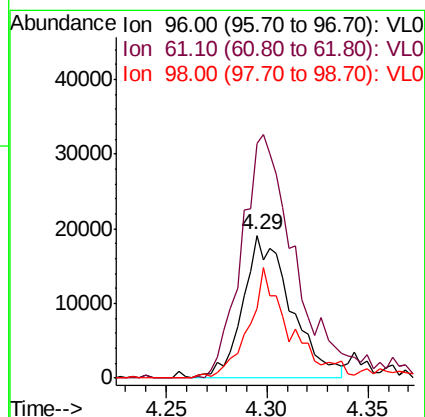
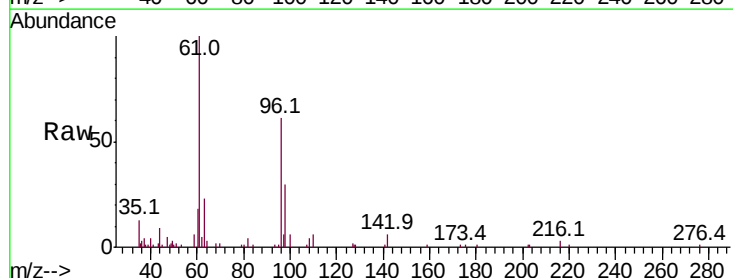
Tgt Ion: 96 Resp: 31557

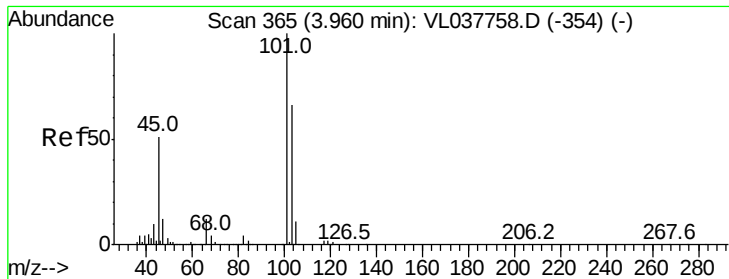
Ion Ratio Lower Upper

96 100

61 164.8 146.2 219.4

98 49.0 50.0 75.0#





#19

Isopropyl Alcohol

Concen: 0.455 ppbv m

RT: 4.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

45 100

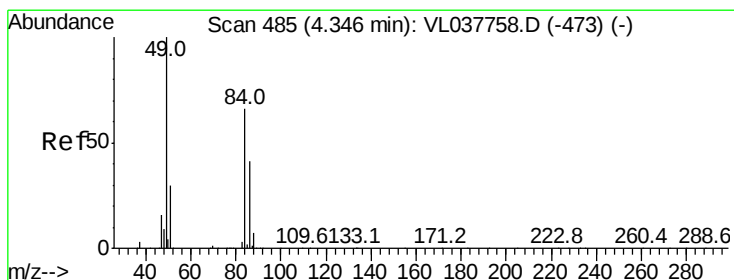
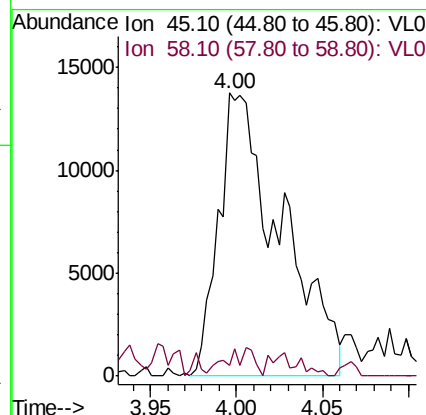
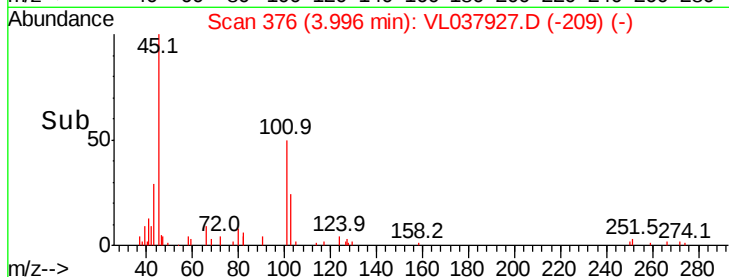
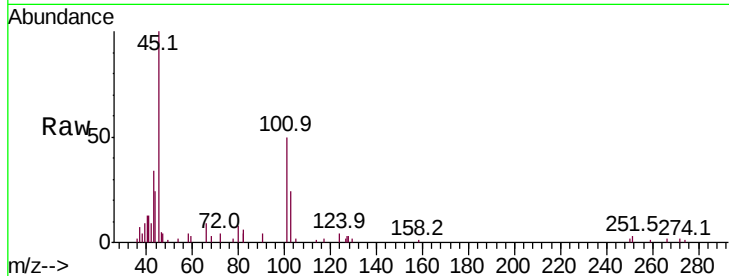
58 6.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021

Supervised By :Semsettin Yesilyurt 10/29/2021



#20

Methylene Chloride

Concen: 0.603 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.01 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

Tgt Ion: 84 Resp: 37299

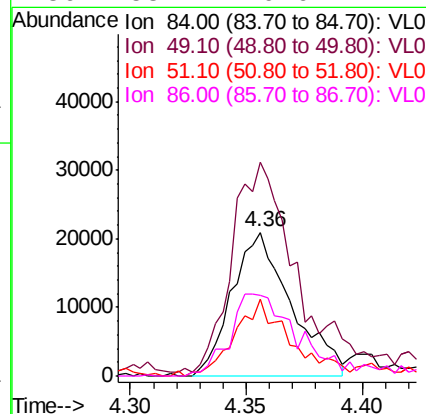
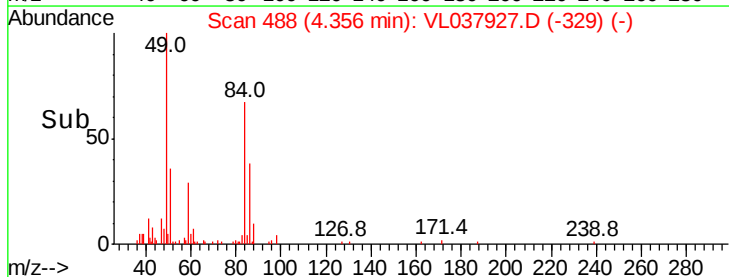
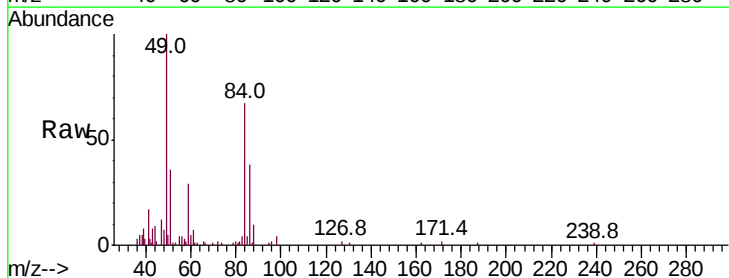
Ion Ratio Lower Upper

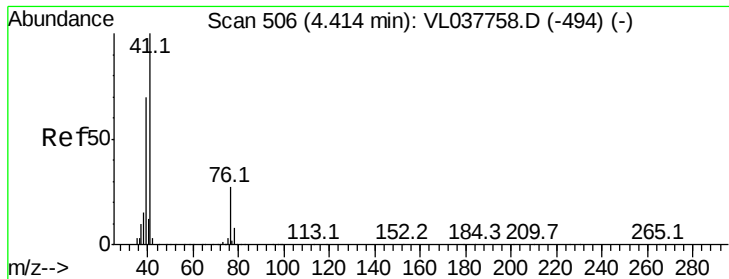
84 100

49 145.8 120.7 181.1

51 51.4 36.2 54.4

86 53.7 49.6 74.4



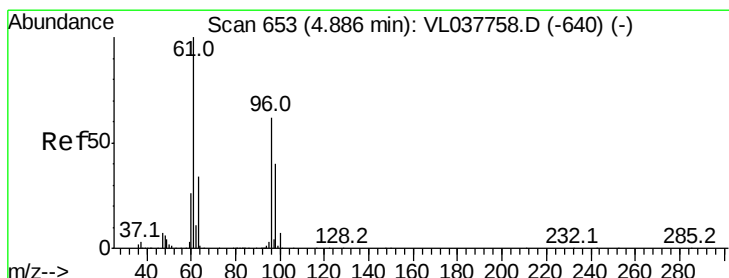
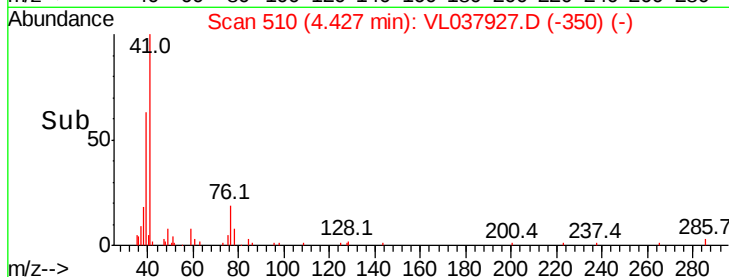
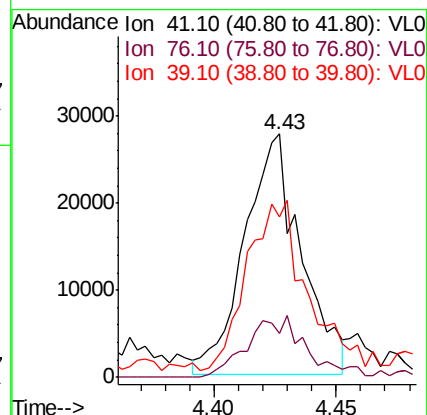
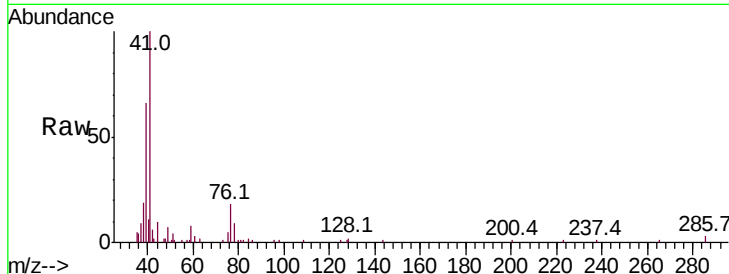


#21
Allvl Chloride
Concen: 0.410 ppbv
RT: 4.43
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Oct 2021 22:07

Tot Ion:
Ion Ratio
41 100
76 26.
39 85.

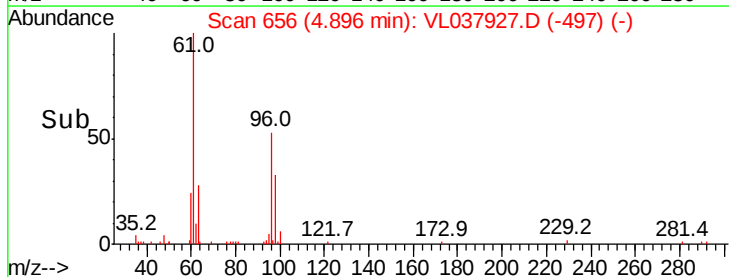
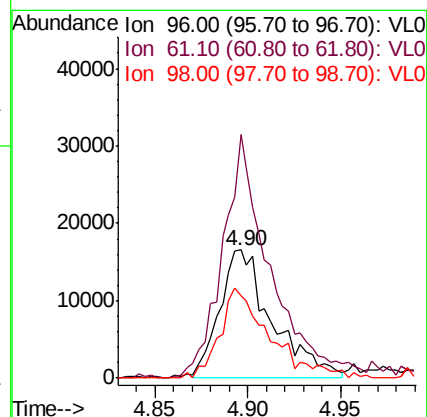
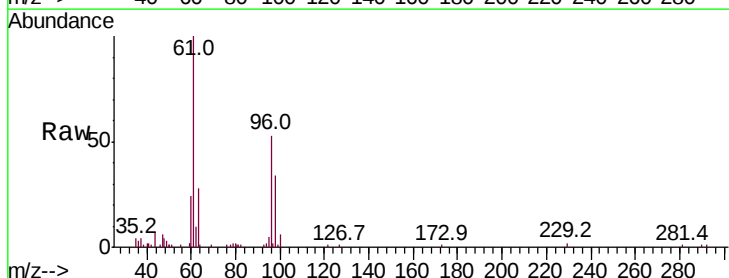
Manual Integrations
APPROVED

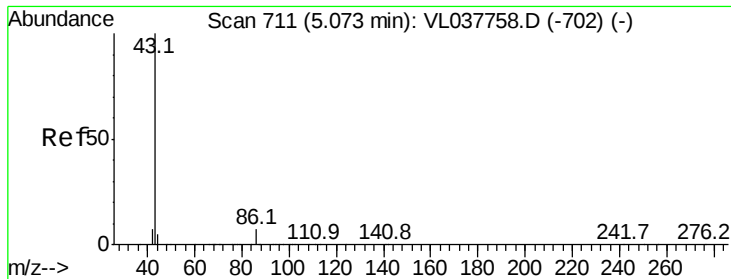
Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#22
trans-1,2-Dichloroethene
Concen: 0.482 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.01 min
Lab File: VL037927.D
Acq: 27 Oct 2021 22:07

Tgt Ion: 96 Resp: 32393
Ion Ratio Lower Upper
96 100
61 189.8 129.0 193.6
98 63.8 51.7 77.5





#23

Vinyl Acetate

Concen: 0.388 ppbv m

RT: 5.09 Instrument:

Delta R.T. MSVOA.L

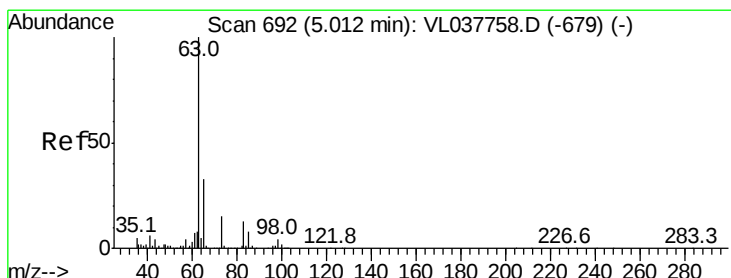
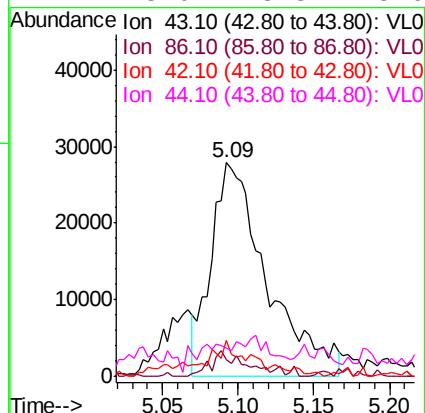
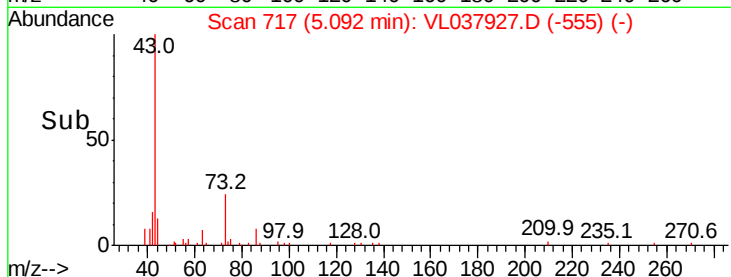
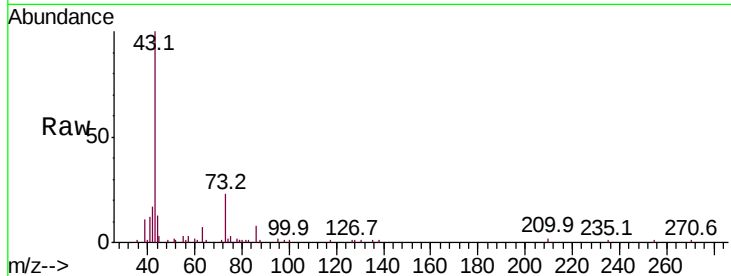
Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021

Tot Ion:
Ion Ratio
43 100
86 7.
42 16.
44 13.0 3.8 5.6#



#24

1,1-Dichloroethane

Concen: 0.531 ppbv

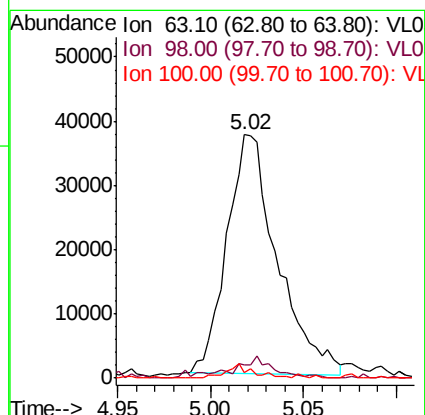
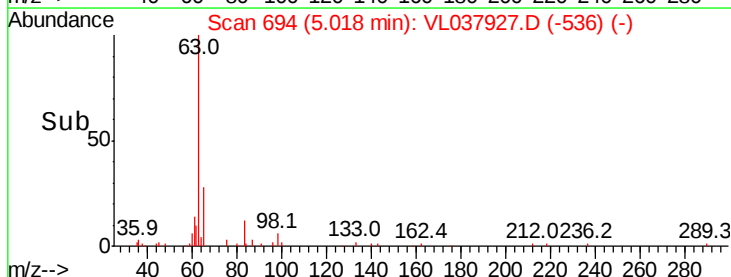
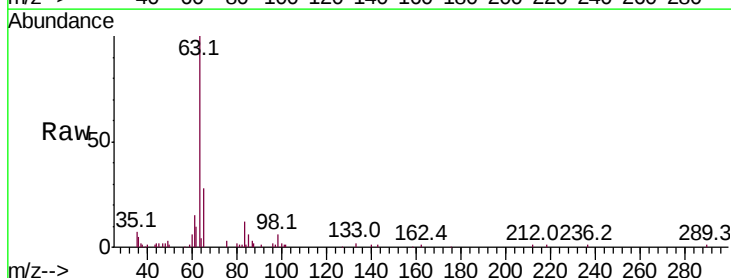
RT: 5.02 min Scan# 694

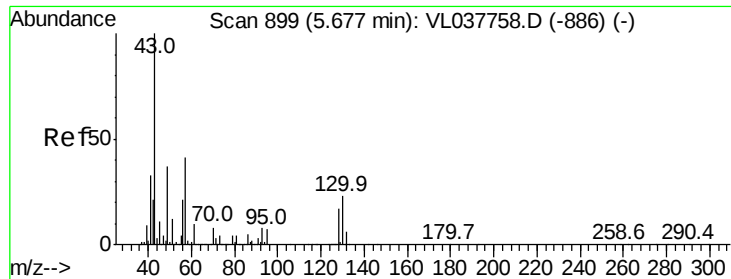
Delta R.T. 0.01 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

Tgt Ion: 63 Resp: 70863
Ion Ratio Lower Upper
63 100
98 5.7 2.3 6.9
100 2.4 1.1 3.1

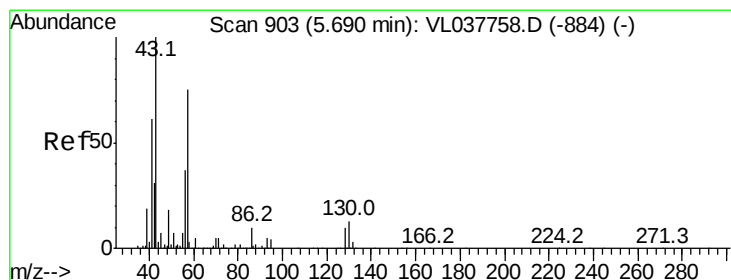
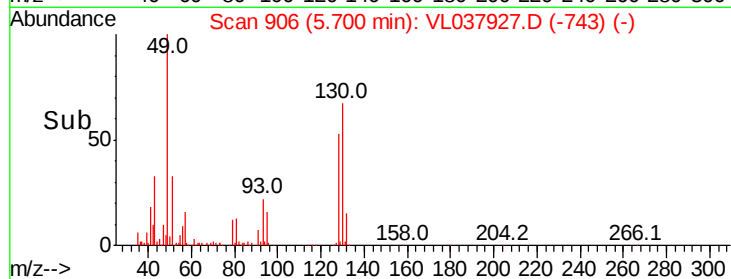
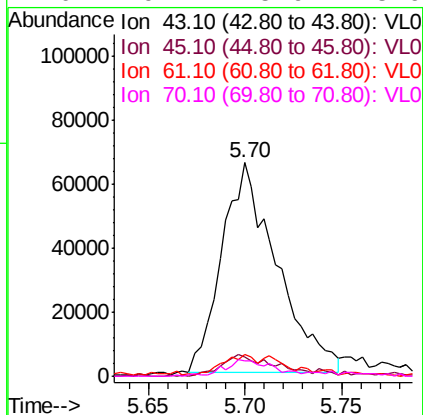
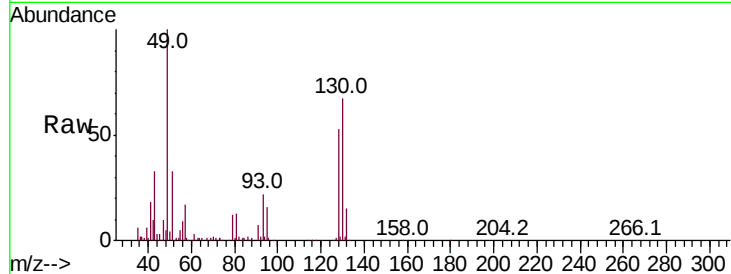




#25
Ethyl Acetate
Concen: 0.377 ppbv
RT: 5.70 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Oct 2021 22:07

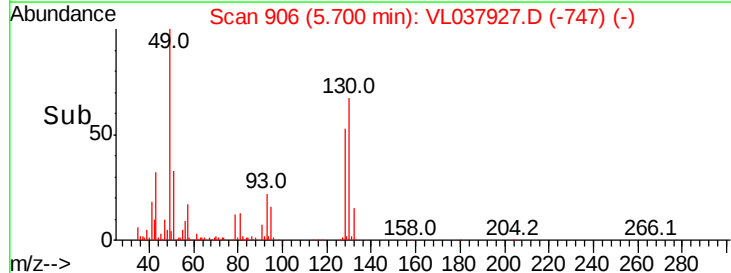
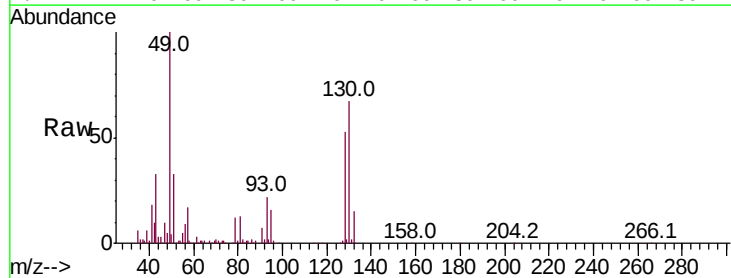
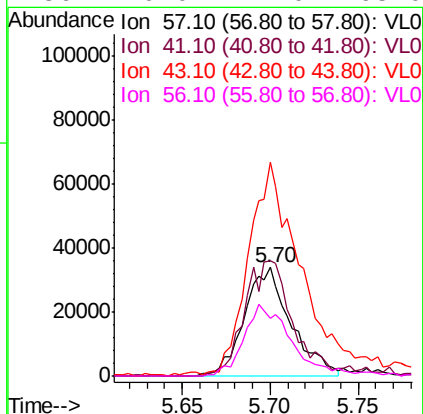
Tot Ion: Manual Integrations
Ion Ratio APPROVED
43 100
45 12.
61 14.
70 9.1 5.9 8.9#

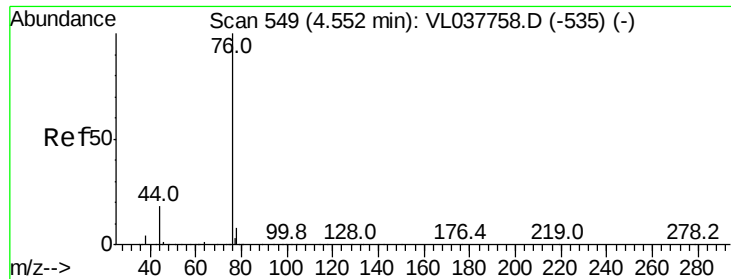
Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#26
Hexane
Concen: 0.369 ppbv m
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL037927.D
Acq: 27 Oct 2021 22:07

Tgt Ion: 57 Resp: 62448
Ion Ratio Lower Upper
57 100
41 112.7 69.6 104.4#
43 241.7 171.4 257.0
56 0.0 42.0 63.0#





#27

Carbon Disulfide

Concen: 0.395 ppbv

RT: 4.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 22:07

Tot Ion:

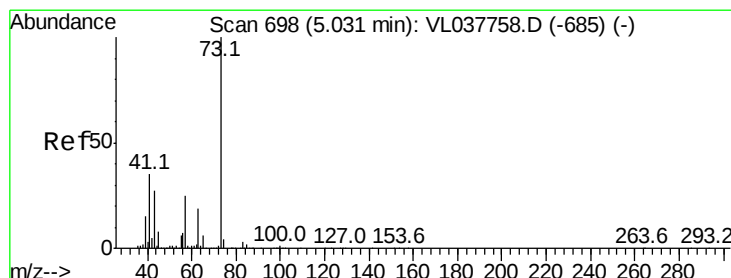
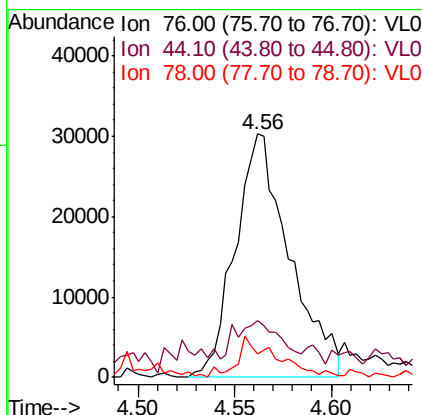
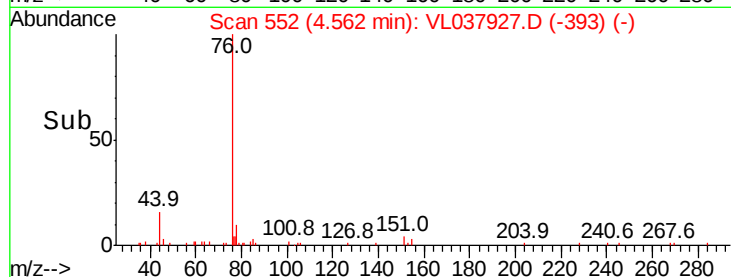
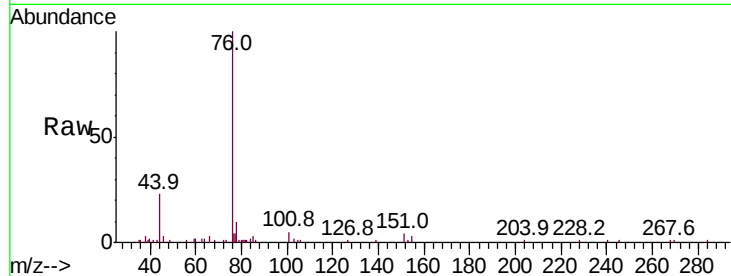
Ion	Ratio
76	100
44	22.
78	13.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021

Supervised By :Semsettin Yesilyurt 10/29/2021



#28

Methyl tert-Butyl Ether

Concen: 0.409 ppbv m

RT: 5.06 min Scan# 707

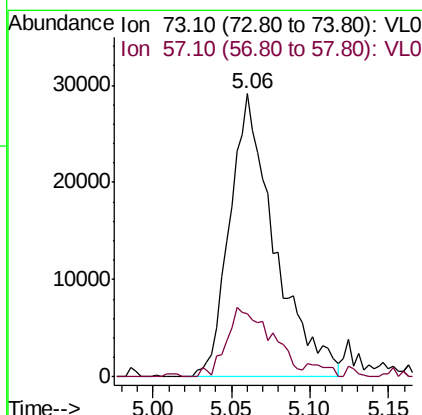
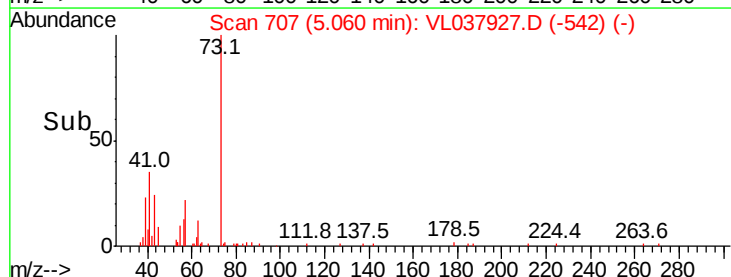
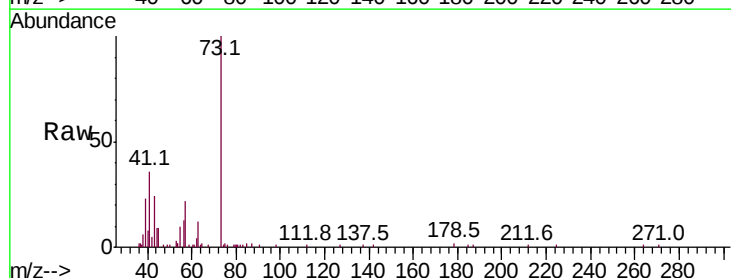
Delta R.T. 0.03 min

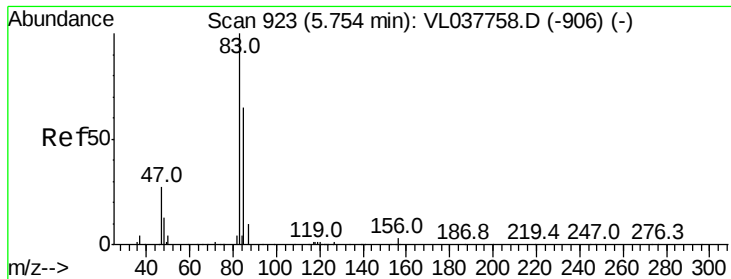
Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

Tgt Ion: 73 Resp: 57609

Ion	Ratio	Lower	Upper
73	100		
57	28.5	20.4	30.6



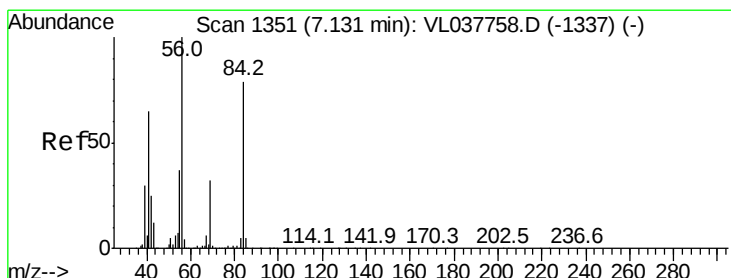
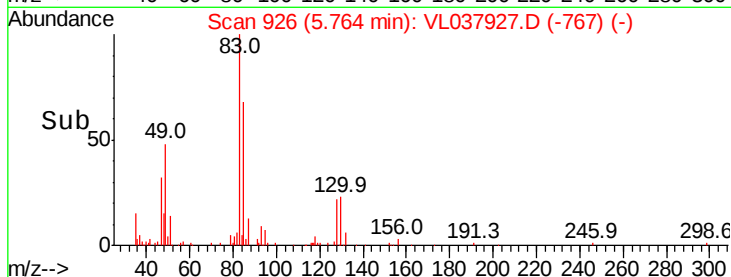
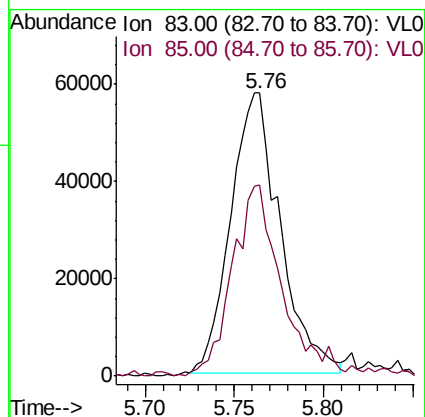
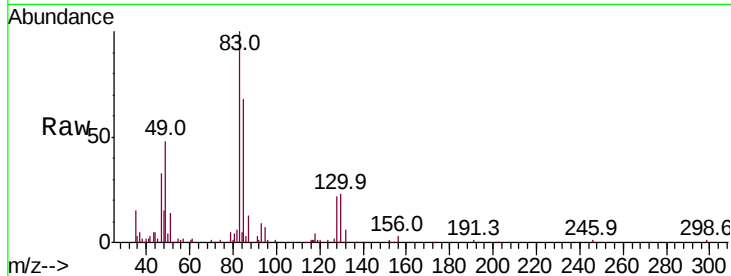


#29
Chloroform
Concen: 0.461 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Oct 2021 22:07

Tot Ion:
Ion Ratio
83 100
85 66.

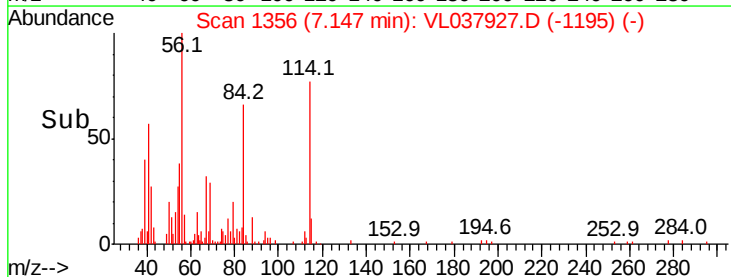
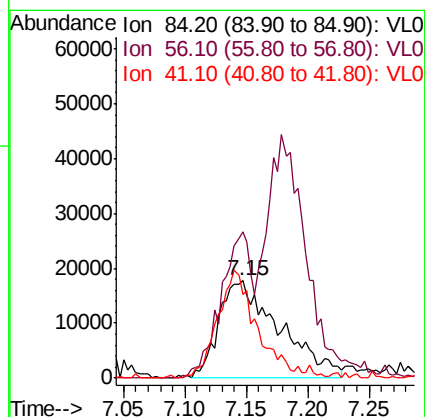
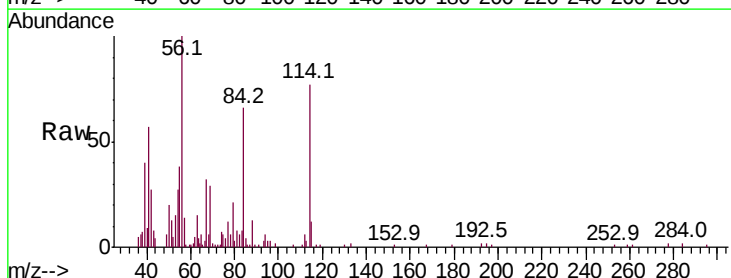
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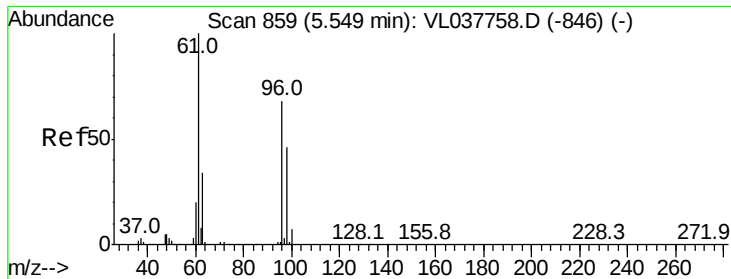
Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#30
Cyclohexane
Concen: 0.425 ppbv m
RT: 7.15 min Scan# 1356
Delta R.T. 0.02 min
Lab File: VL037927.D
Acq: 27 Oct 2021 22:07

Tgt Ion: 84 Resp: 60957
Ion Ratio Lower Upper
84 100
56 0.0 113.0 169.4#
41 75.4 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 0.378 ppbv m

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

61 100

96 71.

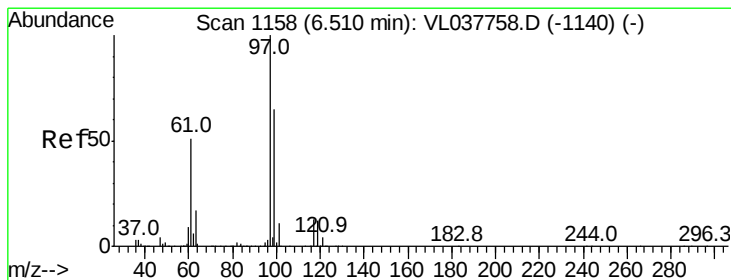
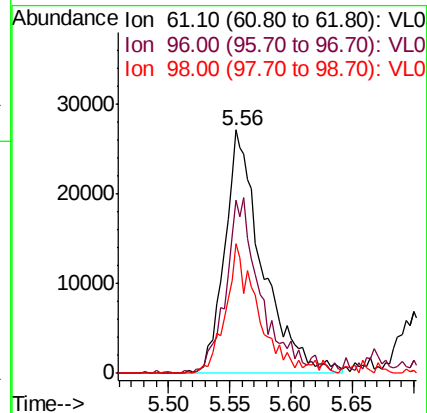
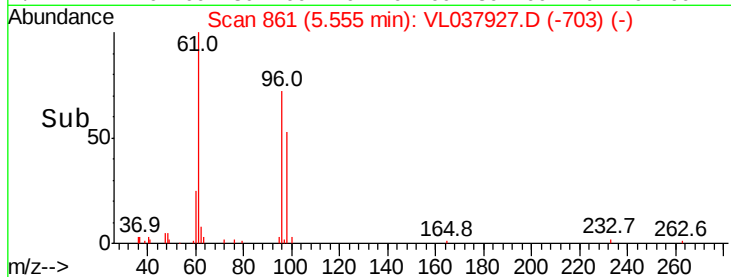
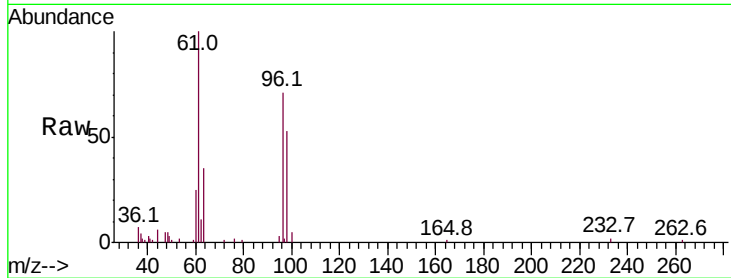
98 53.

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Reviewed By :Mahesh Dadoda 10/29/2021

Supervised By :Semsettin Yesilyurt 10/29/2021



#32

1,1,1-Trichloroethane

Concen: 0.436 ppbv m

RT: 6.52 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

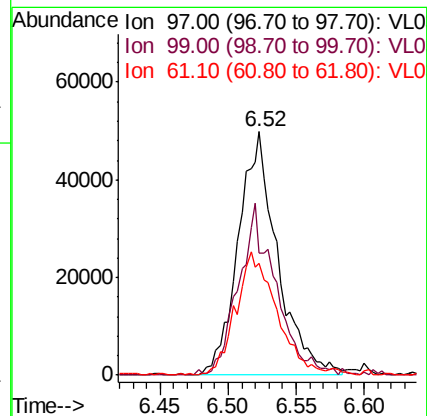
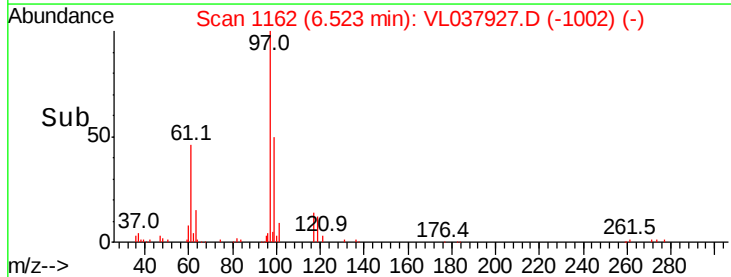
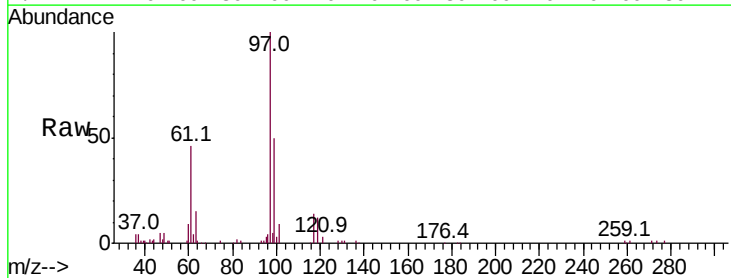
Tgt Ion: 97 Resp: 99998

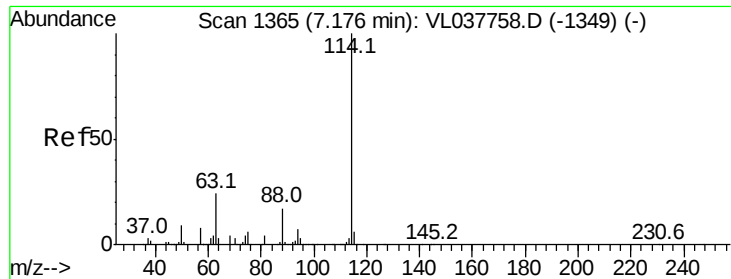
Ion Ratio Lower Upper

97 100

99 67.3 52.6 78.8

61 53.8 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 Instrument: MSVOA_1

Delta R.T.

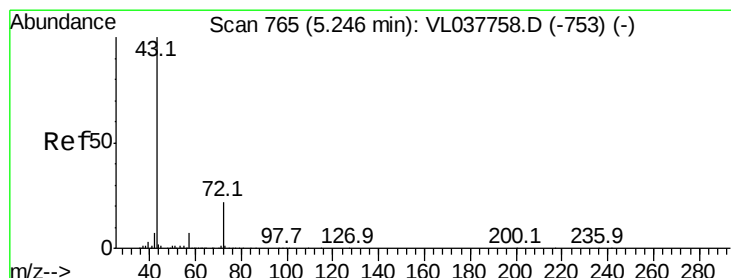
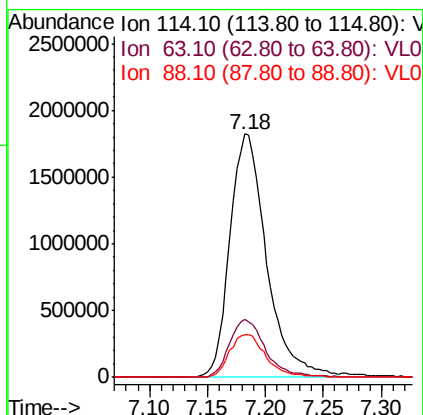
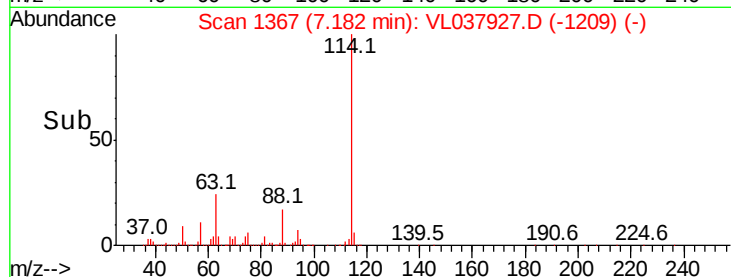
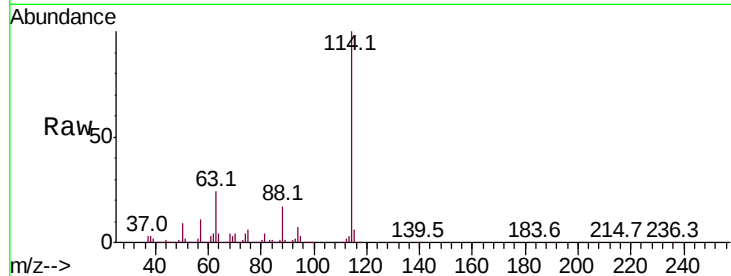
Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07 LOD-MDL-AIR-01-QT4-2021

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

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Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#34

2-Butanone

Concen: 0.379 ppbv m

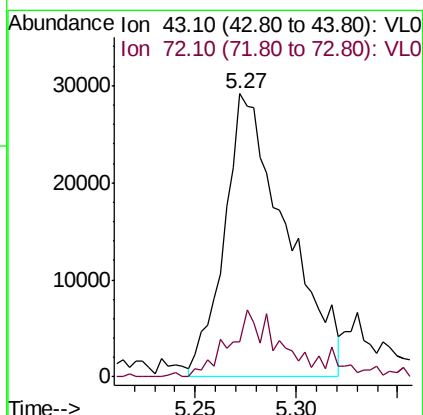
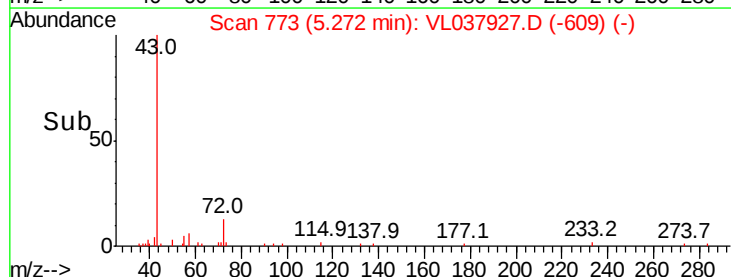
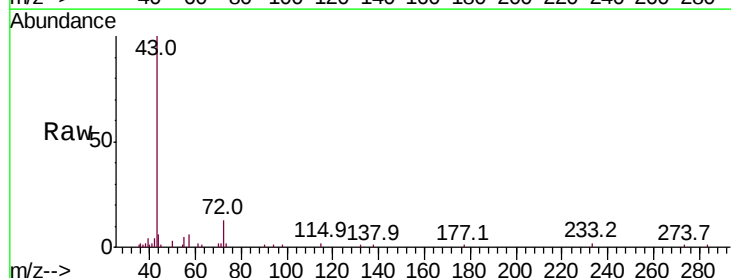
RT: 5.27 min Scan# 773

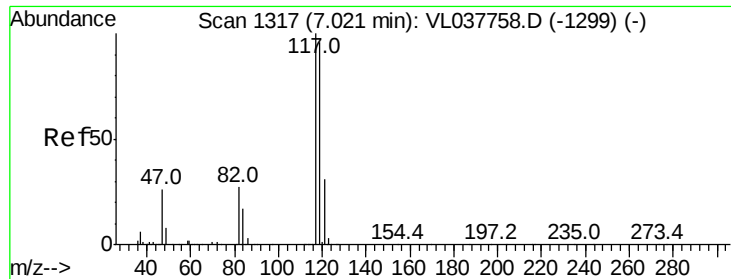
Delta R.T. 0.03 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

Tgt Ion: 43 Resp: 61422
Ion Ratio Lower Upper
43 100
72 21.6 18.2 27.2





#35

Carbon Tetrachloride

Concen: 0.430 ppbv

RT: 7.03

Delta R.T. MSVOA_L

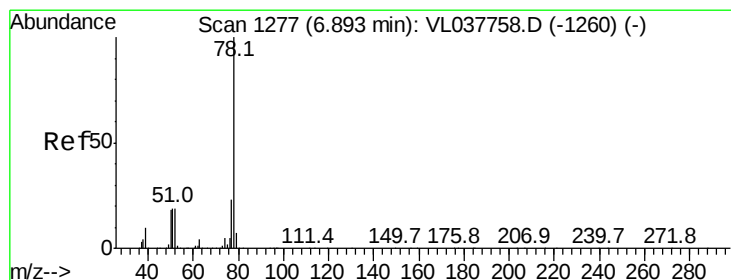
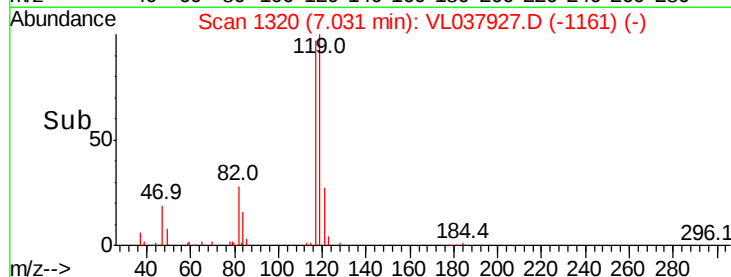
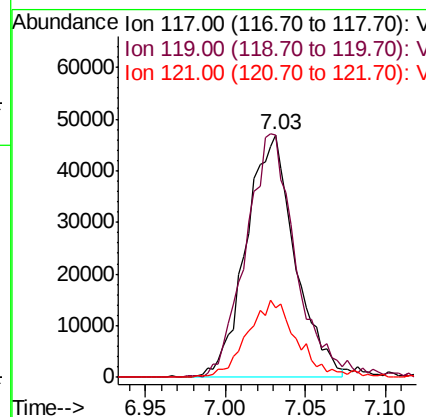
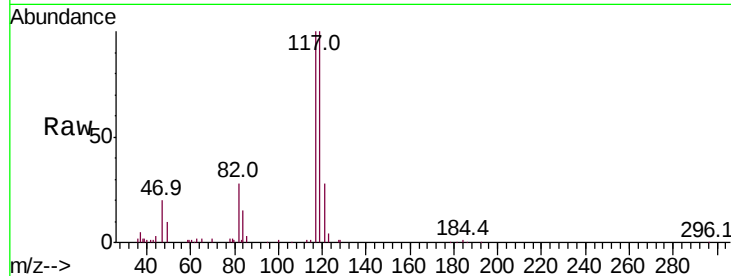
Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07

Tot Ion:1
Ion Rati
117 100
119 99.
121 28.

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Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#36

Benzene

Concen: 0.373 ppbv m

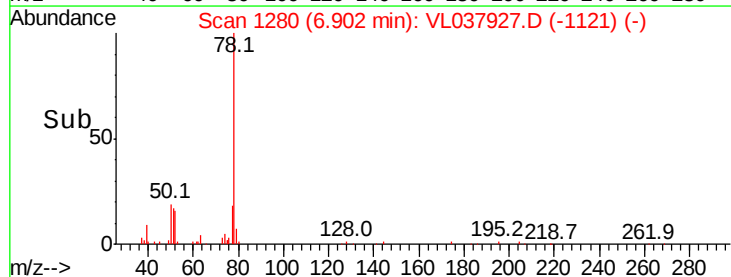
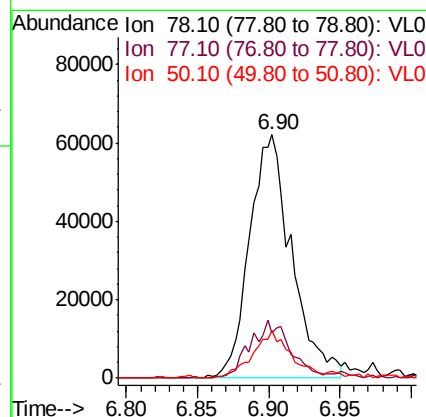
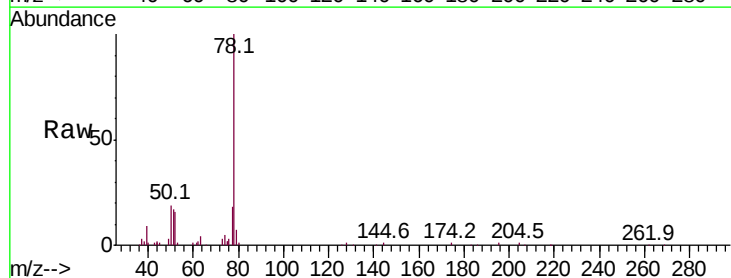
RT: 6.90 min Scan# 1280

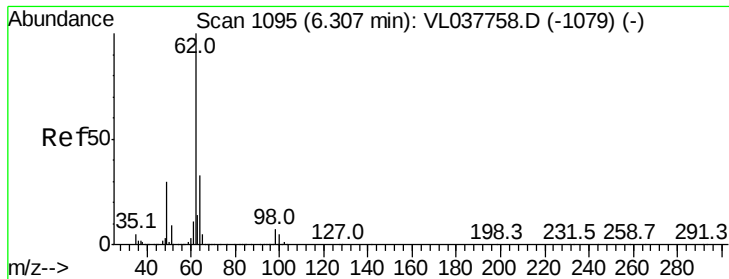
Delta R.T. 0.01 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

Tgt Ion: 78 Resp: 127767
Ion Ratio Lower Upper
78 100
77 18.4 18.8 28.2#
50 19.5 14.7 22.1



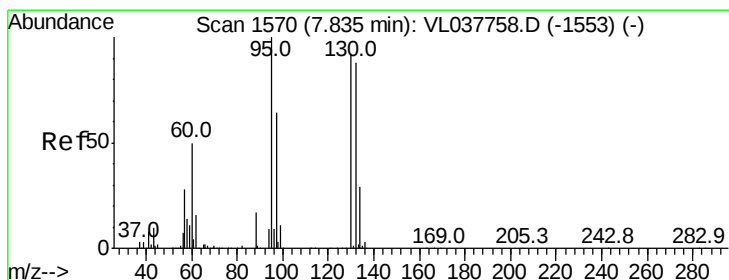
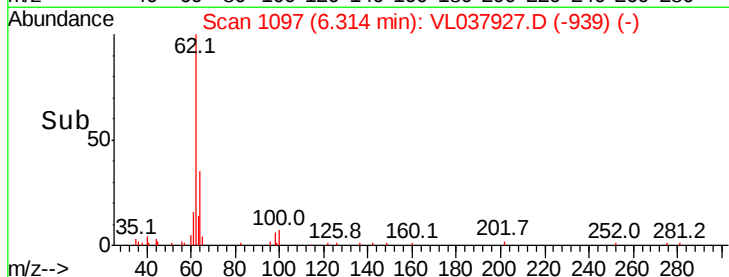
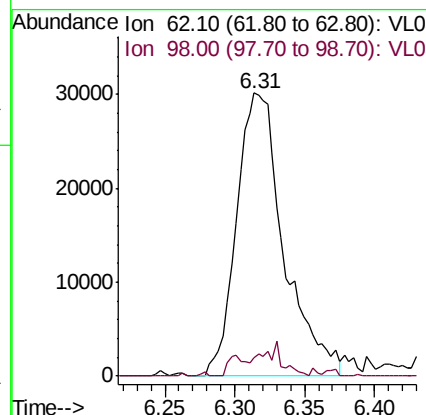
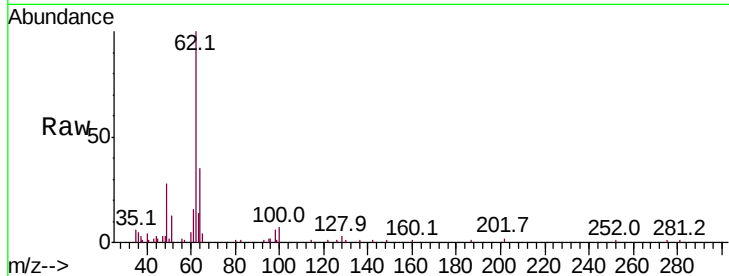


#37
 1,2-Dichloroethane
 Concen: 0.439 ppbv m
 RT: 6.31 Instrument : MSVOA_1
 Delta R.T. ClientSampleId :
 Lab File: LOD-MDL-AIR-01-QT4-2021
 Acq: 27 Oct 2021 22:07

Tot Ion:
 Ion Ratio
 62 100
 98 0.

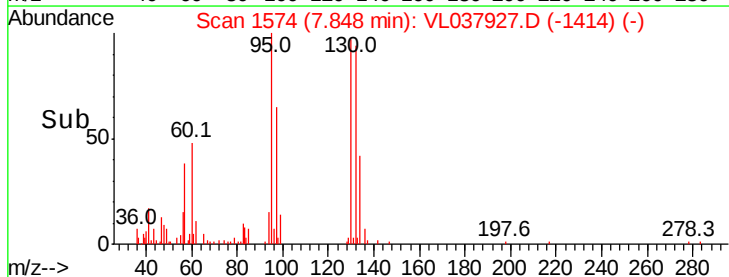
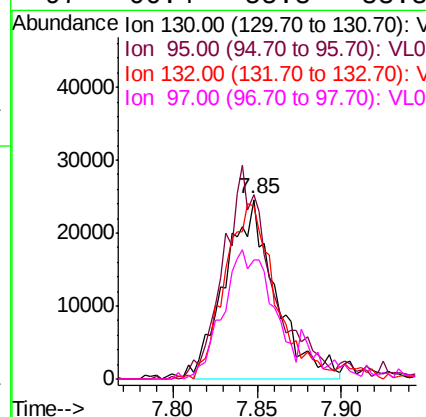
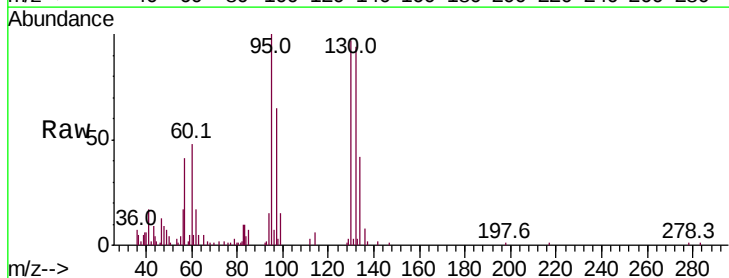
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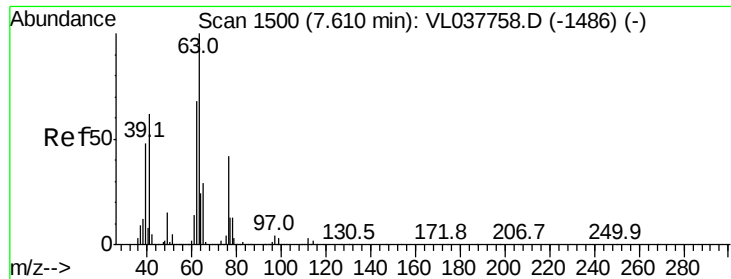
Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 10/29/2021



#38
 Trichloroethene
 Concen: 0.376 ppbv m
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VL037927.D
 Acq: 27 Oct 2021 22:07

Tgt Ion:130 Resp: 50921
 Ion Ratio Lower Upper
 130 100
 95 102.7 87.4 131.0
 132 96.6 76.8 115.2
 97 66.4 55.8 83.8



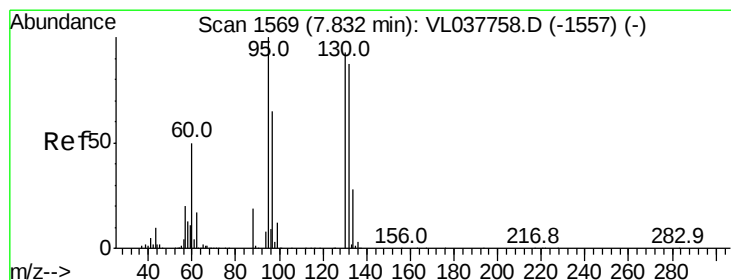
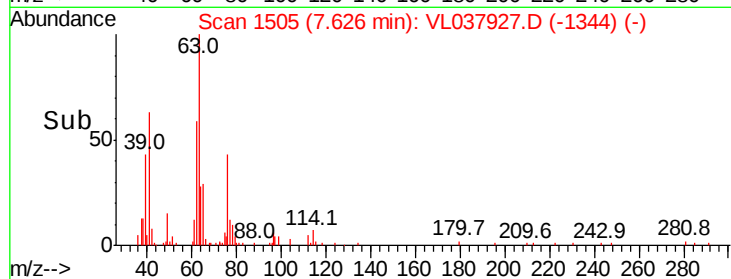
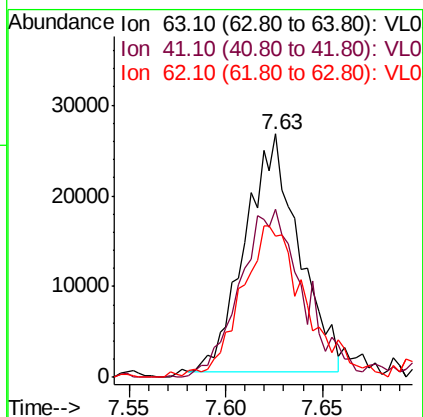
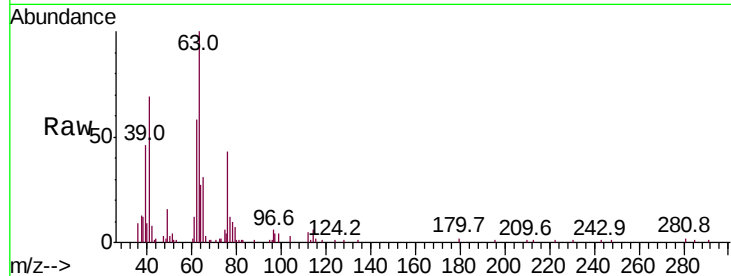


#39
 1,2-Dichloropropane
 Concen: 0.395 ppbv
 RT: 7.63
 Instrument: MSVOA_L
 Delta R.T.
 Lab File: ClientSampleId:
 Acq: 27 Oct 2021 22:07

Tot Ion:
 Ion Ratio
 63 100
 41 70.
 62 56.

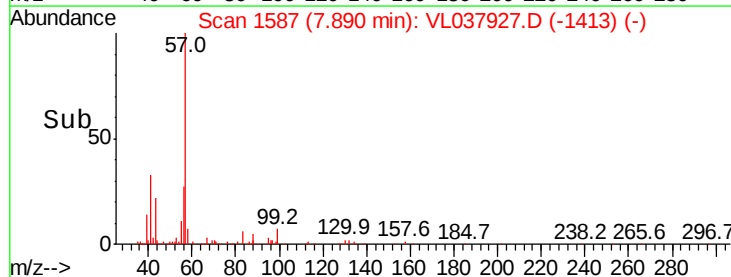
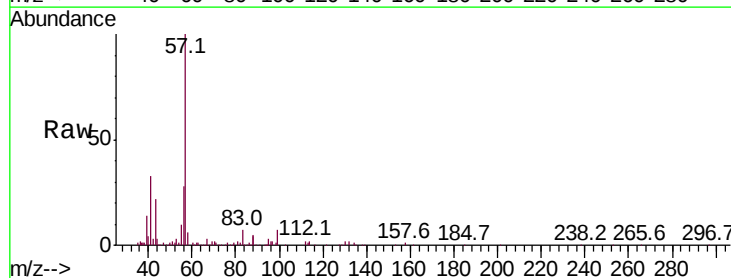
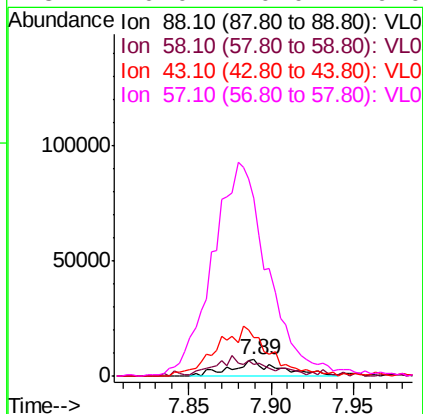
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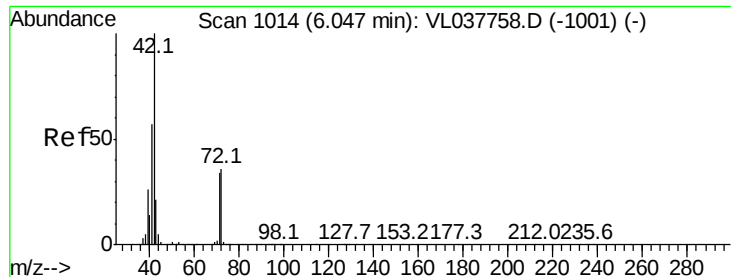
Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 10/29/2021



#40
 1,4-Dioxane
 Concen: 0.454 ppbv m
 RT: 7.89 min Scan# 1587
 Delta R.T. 0.06 min
 Lab File: VL037927.D
 Acq: 27 Oct 2021 22:07

Tgt Ion: 88 Resp: 14636
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.321 ppbv m

RT: 6.11 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07

Tot Ion:

Ion Ratio

42 100

72 0.

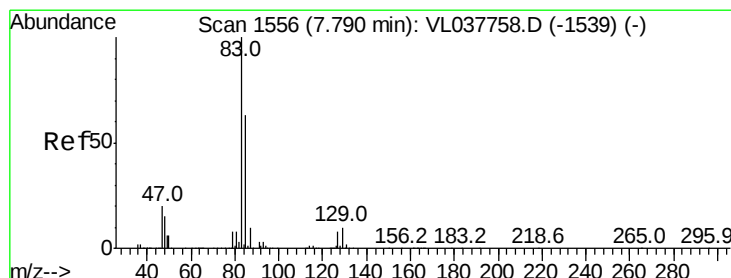
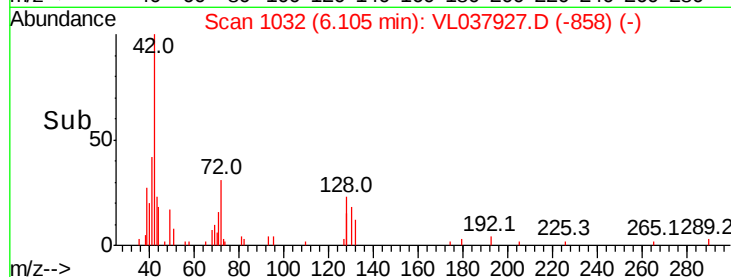
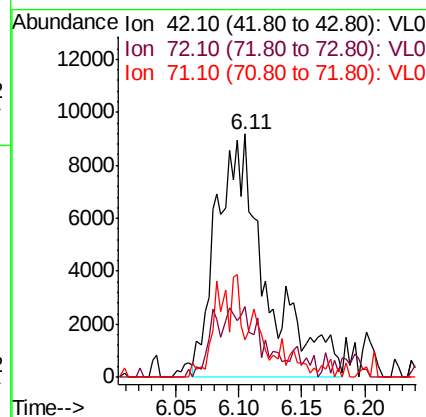
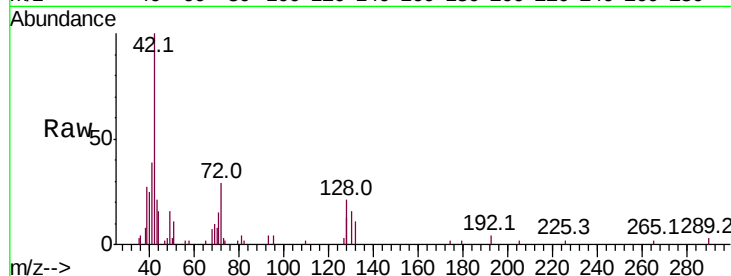
71 0.

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/29/2021

Supervised By :Semsettin Yesilyurt 10/29/2021



#42

Bromodichloromethane

Concen: 0.418 ppbv m

RT: 7.80 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

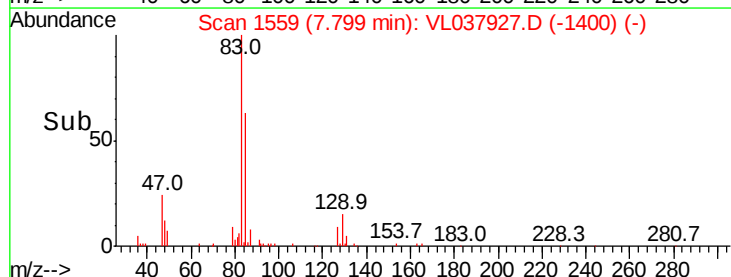
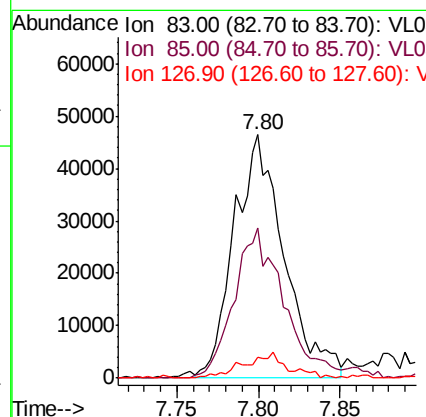
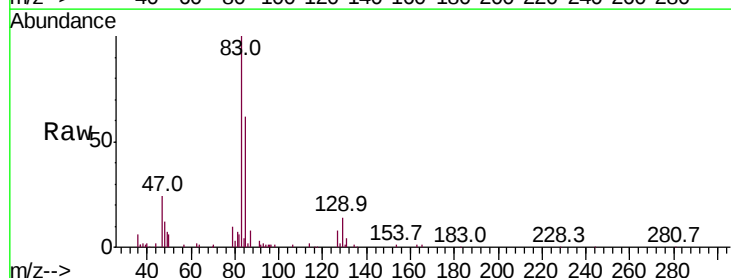
Tgt Ion: 83 Resp: 99012

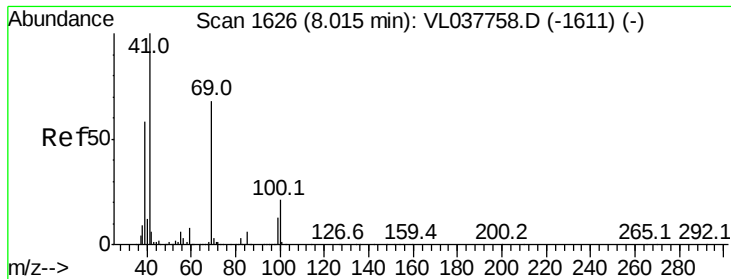
Ion Ratio Lower Upper

83 100

85 61.9 50.6 75.8

127 8.4 6.2 9.4





#43

Methvl Methacrlyate

Concen: 0.302 ppbv m

RT: 8.04 Instrument:

Delta R.T. MSVOA_L

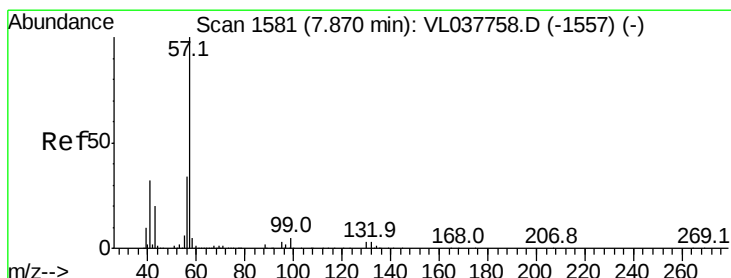
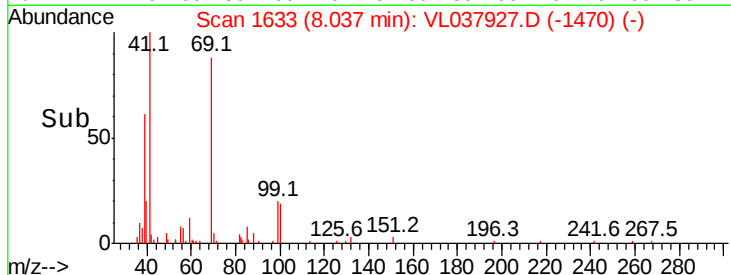
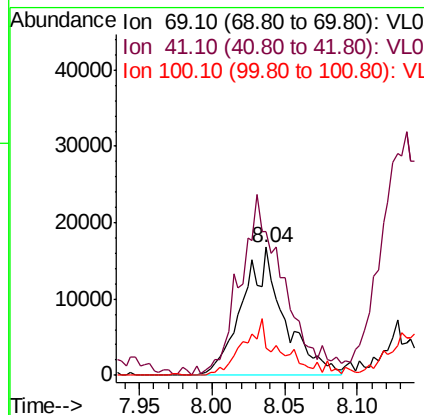
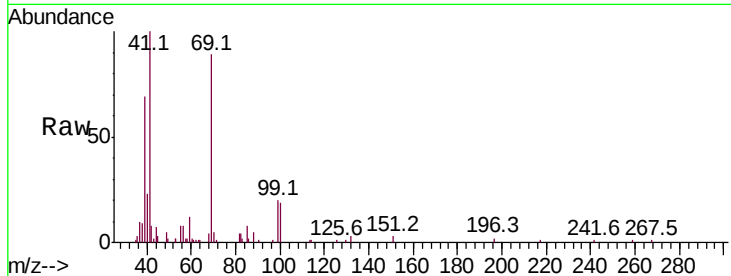
Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07 LOD-MDL-AIR-01-QT4-2021

Tot Ion:
Ion Ratio
69 100
41 145.
100 0.

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Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#44

2,2,4-Trimethylpentane

Concen: 0.380 ppbv m

RT: 7.88 min Scan# 1584

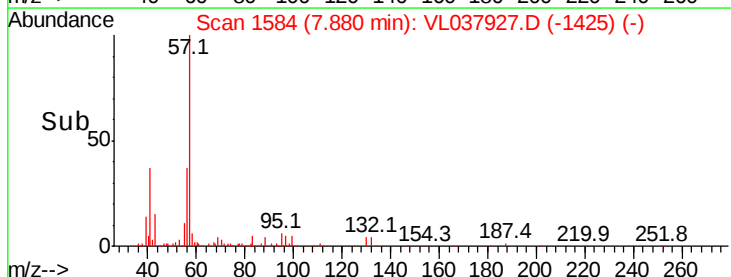
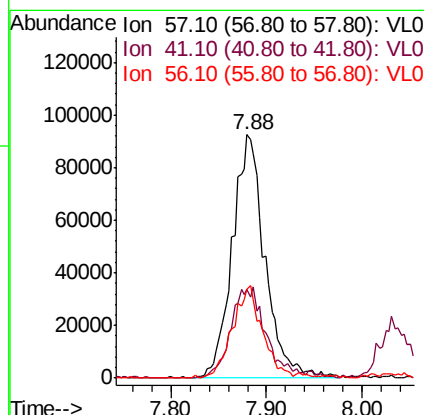
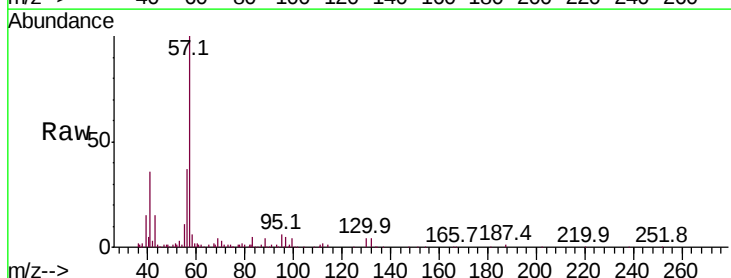
Delta R.T. 0.01 min

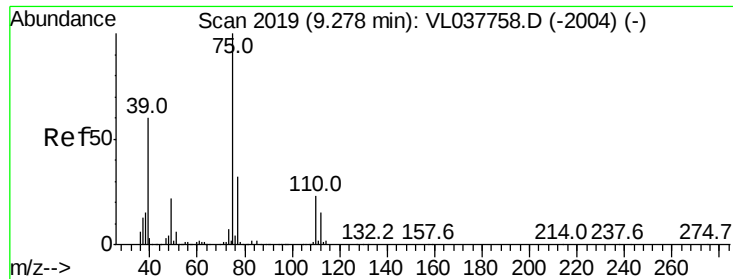
Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

Tgt Ion: 57 Resp: 218906

Ion	Ratio	Lower	Upper
57	100		
41	41.5	25.6	38.4#
56	36.3	25.5	38.3





#45

t-1,3-Dichloropropene

Concen: 0.267 ppbv m

RT: 9.28 Instrument: MSVOA_1

Delta R.T.

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

Acq: 27 Oct 2021 22:07

Tot Ion:

Ion Ratio

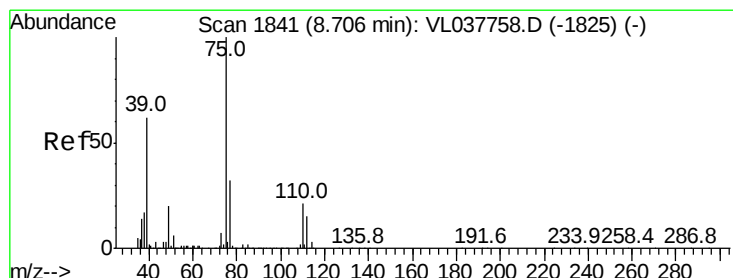
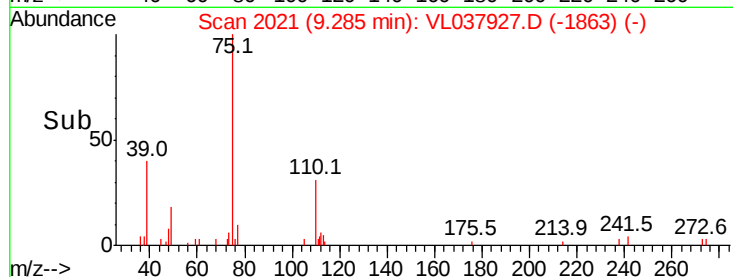
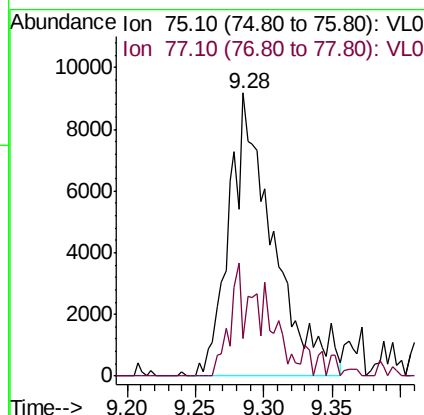
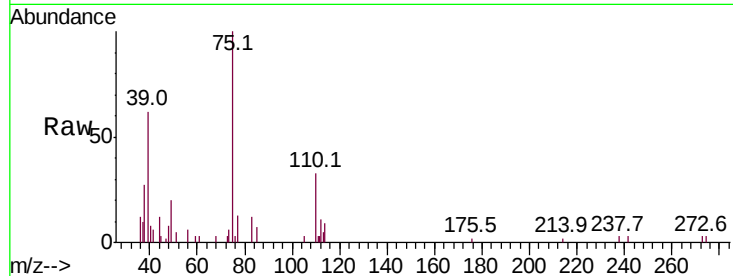
75 100

77 13.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#46

cis-1,3-Dichloropropene

Concen: 0.311 ppbv m

RT: 8.71 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

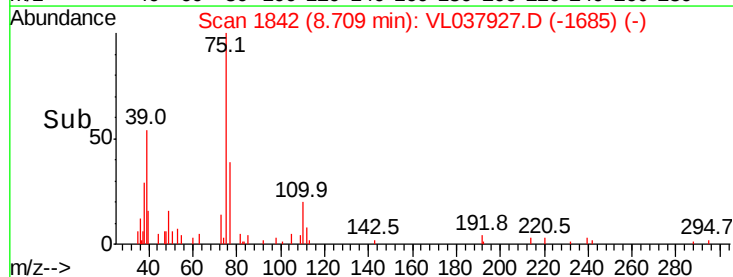
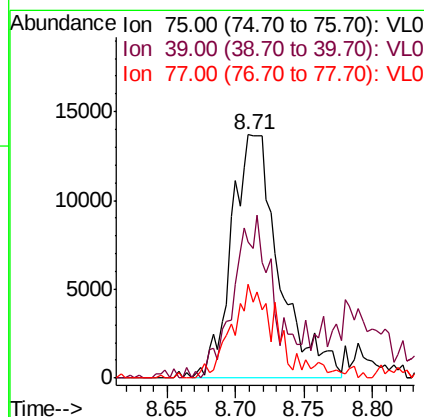
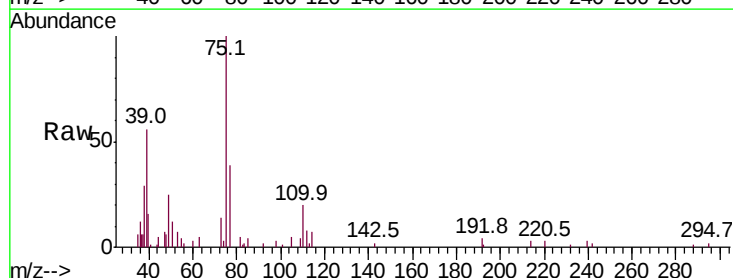
Tgt Ion: 75 Resp: 33175

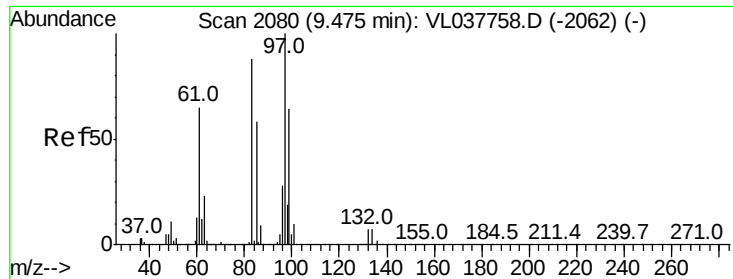
Ion Ratio Lower Upper

75 100

39 56.0 49.9 74.9

77 38.8 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 0.448 ppbv m

RT: 9.49 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

97 100

83 87.

85 47.

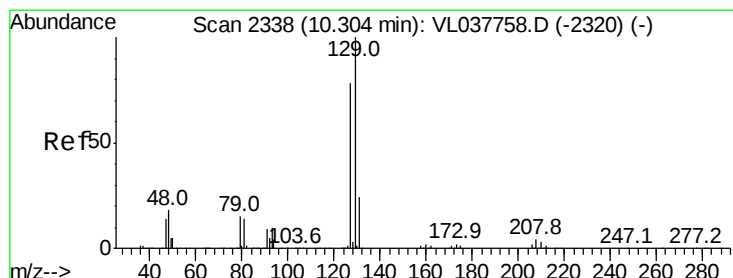
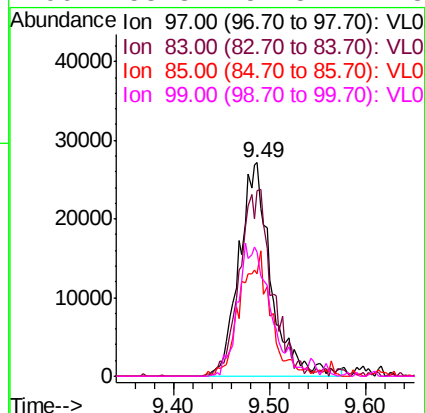
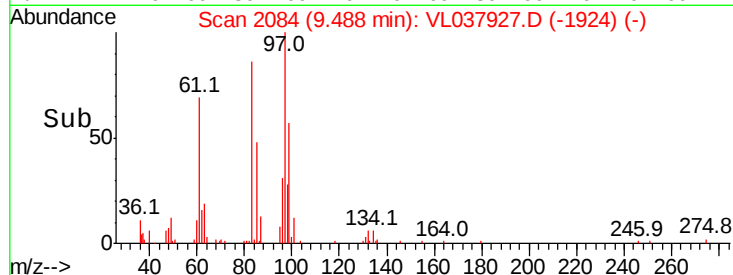
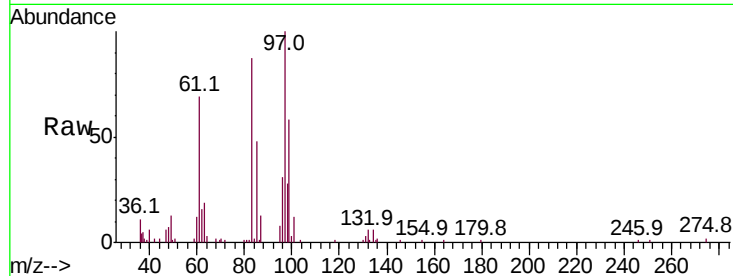
99 58.3 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021

Supervised By :Semsettin Yesilyurt 10/29/2021



#48

Dibromochloromethane

Concen: 0.357 ppbv m

RT: 10.31 min Scan# 2340

Delta R.T. 0.01 min

Lab File: VL037927.D

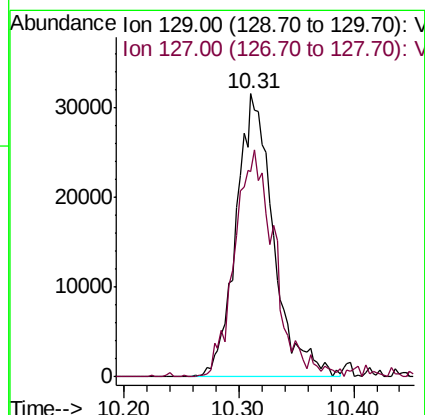
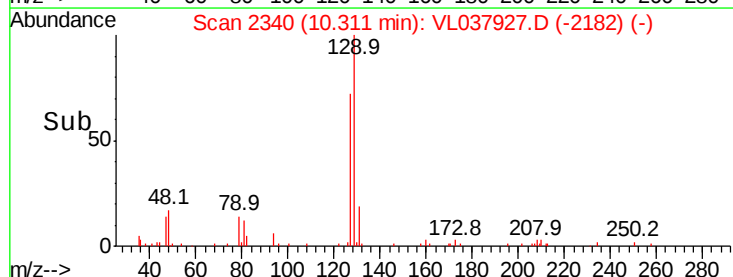
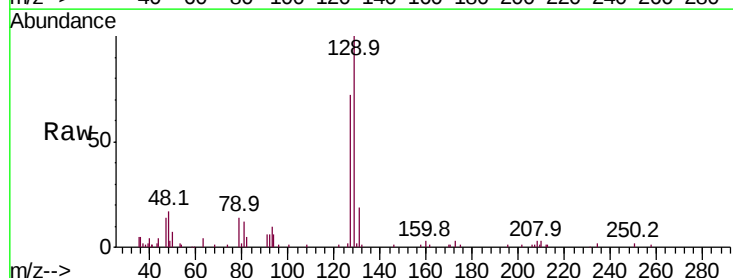
Acq: 27 Oct 2021 22:07

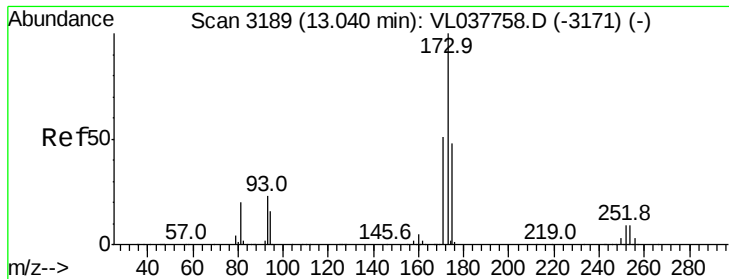
Tgt Ion:129 Resp: 71378

Ion Ratio Lower Upper

129 100

127 86.1 39.5 118.5





#49

Bromoform

Concen: 0.358 ppbv m

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 22:07

Tot Ion:1

Ion Ratio

173 100

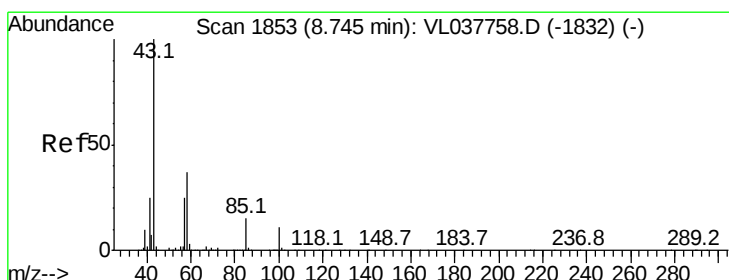
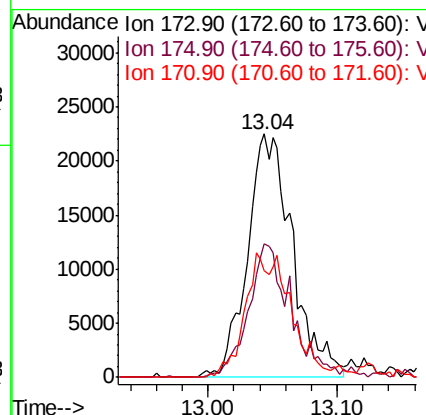
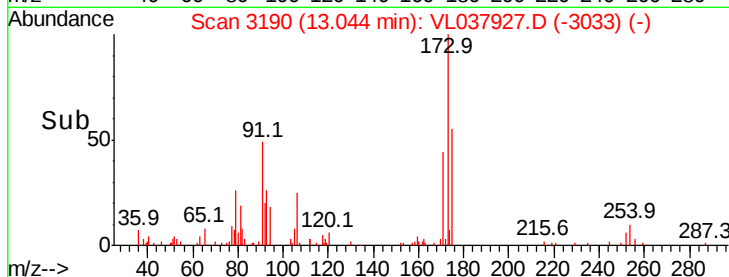
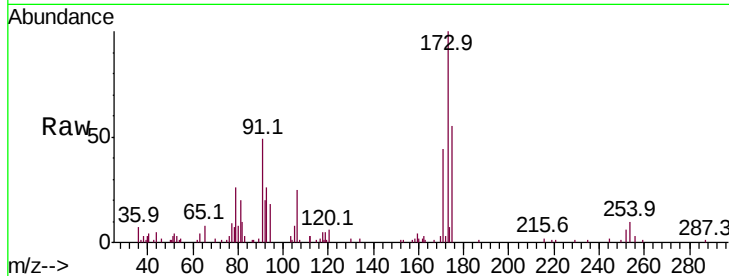
175 0.

171 0.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#50

4-Methyl-2-Pentanone

Concen: 0.307 ppbv m

RT: 8.78 min Scan# 1864

Delta R.T. 0.04 min

Lab File: VL037927.D

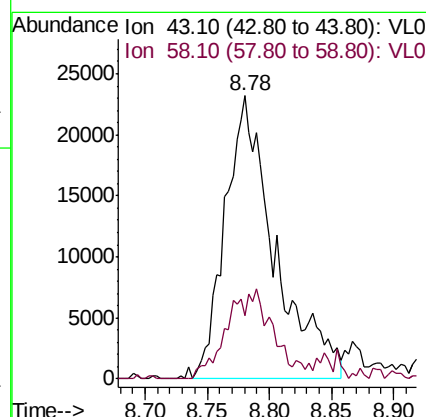
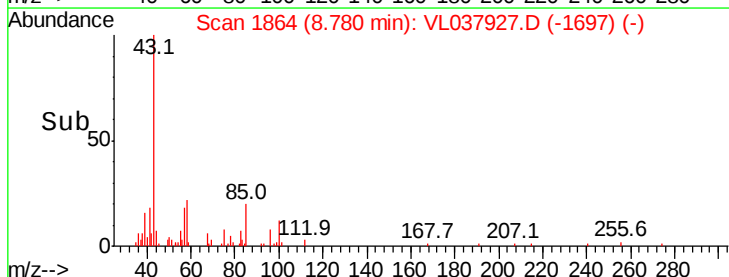
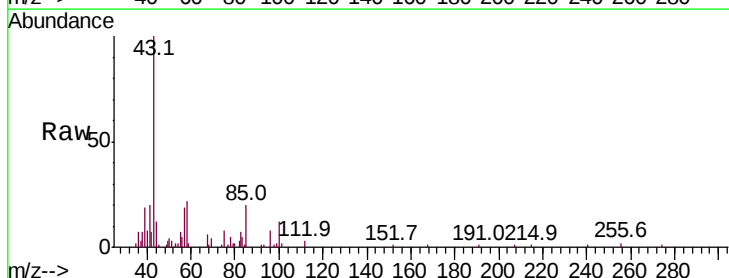
Acq: 27 Oct 2021 22:07

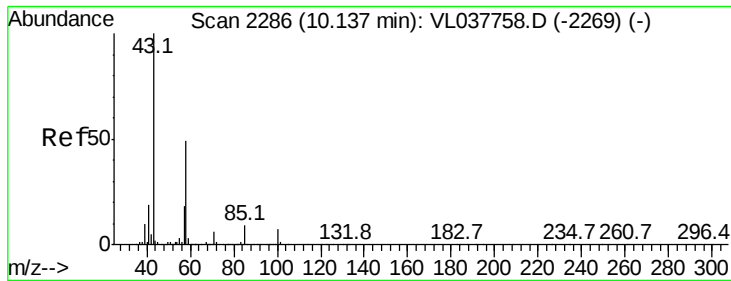
Tgt Ion: 43 Resp: 64615

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.0#





#51

2-Hexanone

Concen: 0.258 ppbv m

RT: 10.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

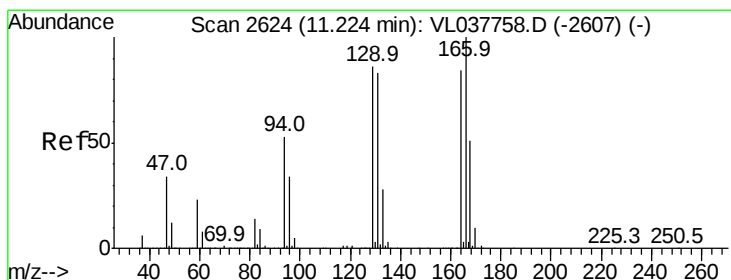
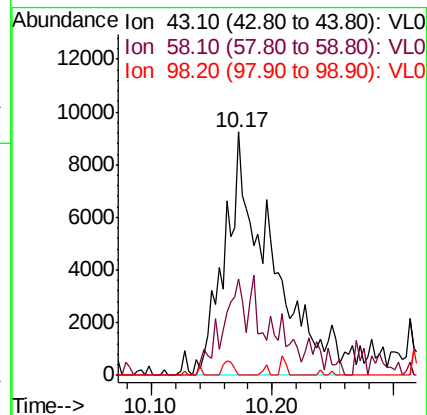
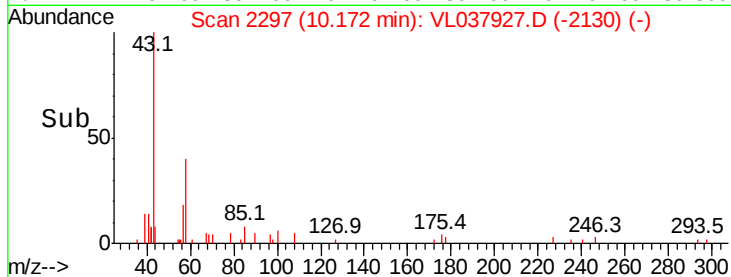
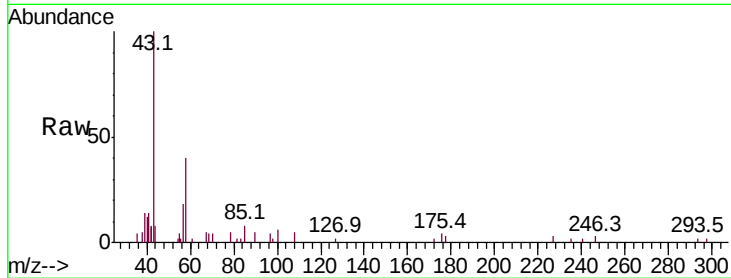
Acq: 27 Oct 2021 22:07

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021

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



#52

Tetrachloroethene

Concen: 0.354 ppbv m

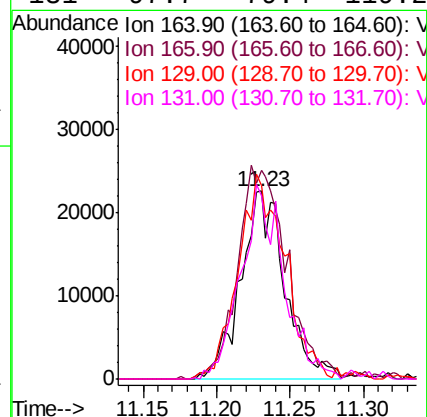
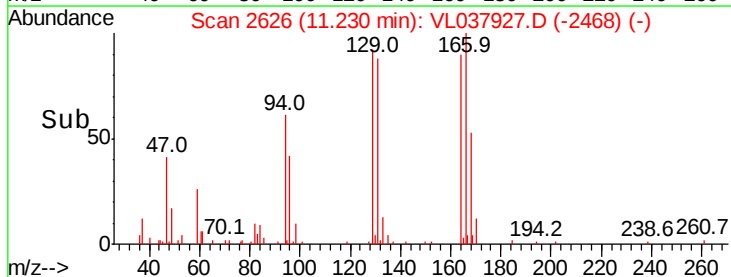
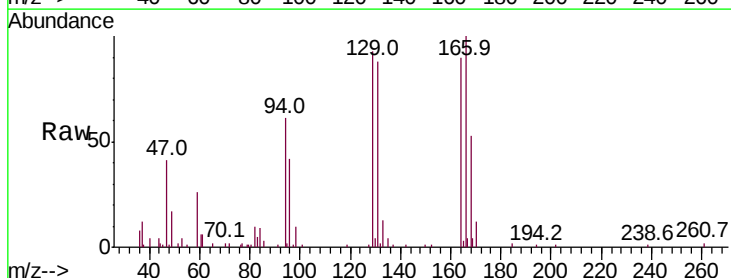
RT: 11.23 min Scan# 2626

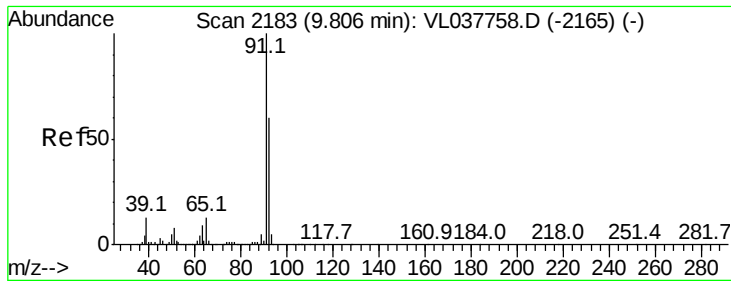
Delta R.T. 0.01 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47249		
166	110.7		95.4	143.2
129	103.0		82.2	123.4
131	97.7		79.4	119.2





#53

Toluene

Concen: 0.276 ppbv m

RT: 9.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

91 100

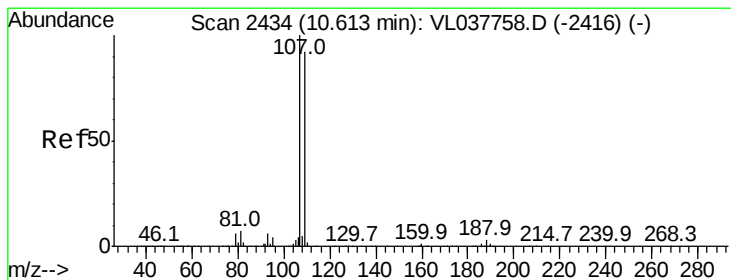
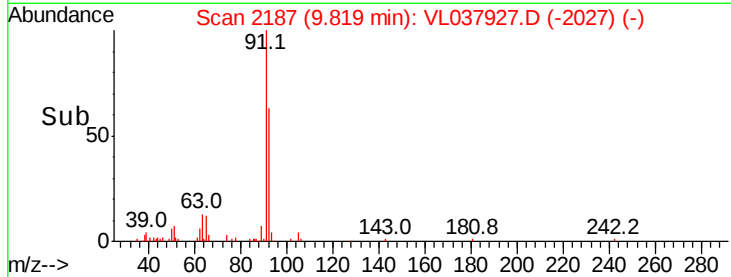
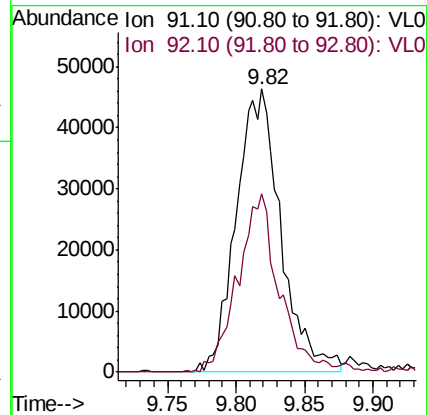
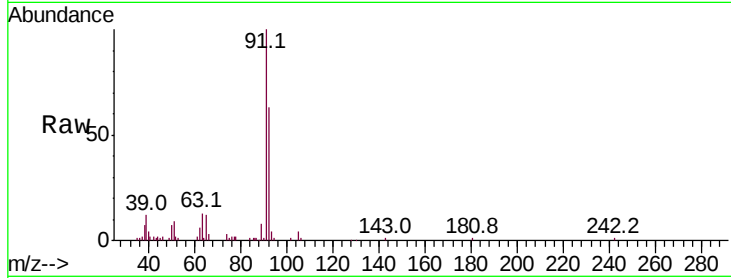
92 0.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021

Supervised By :Semsettin Yesilyurt 10/29/2021



#54

1,2-Dibromoethane

Concen: 0.368 ppbv m

RT: 10.62 min Scan# 2435

Delta R.T. 0.00 min

Lab File: VL037927.D

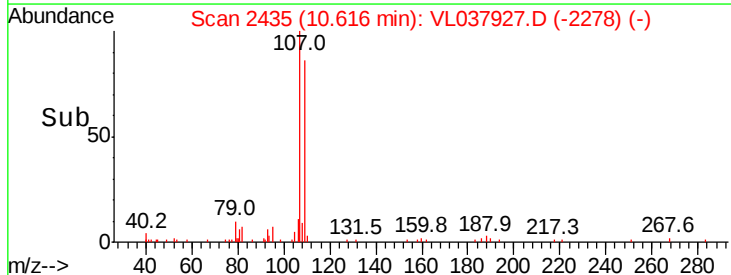
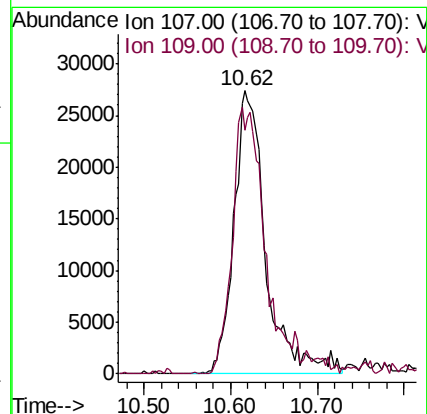
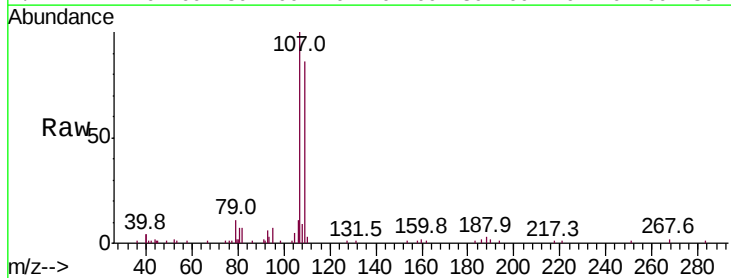
Acq: 27 Oct 2021 22:07

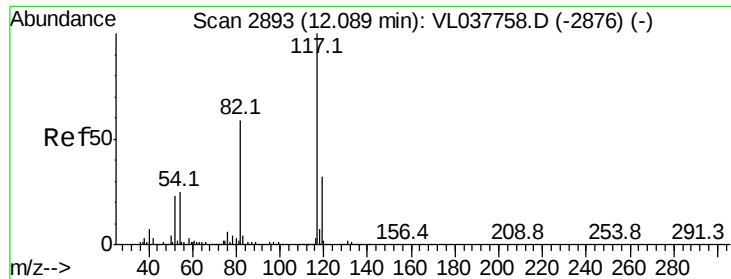
Tgt Ion:107 Resp: 69640

Ion Ratio Lower Upper

107 100

109 86.3 73.8 110.6



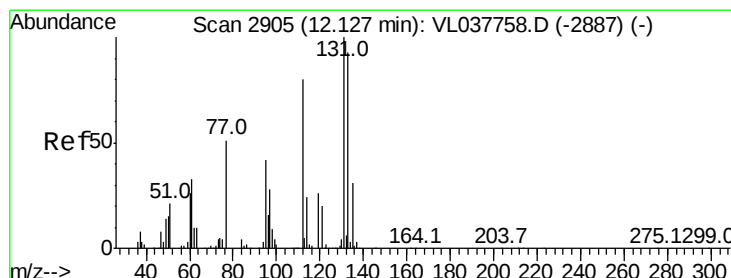
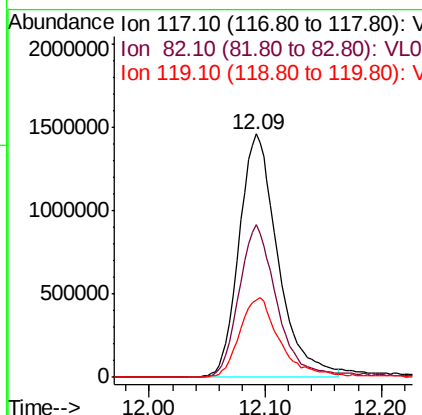
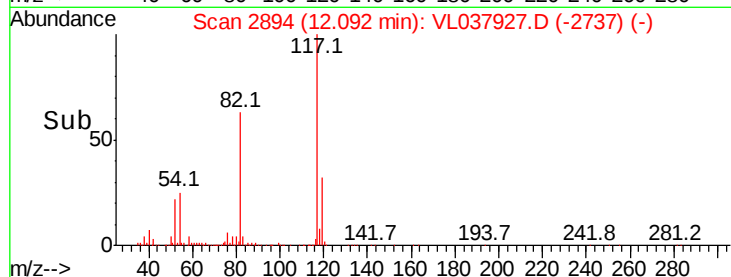
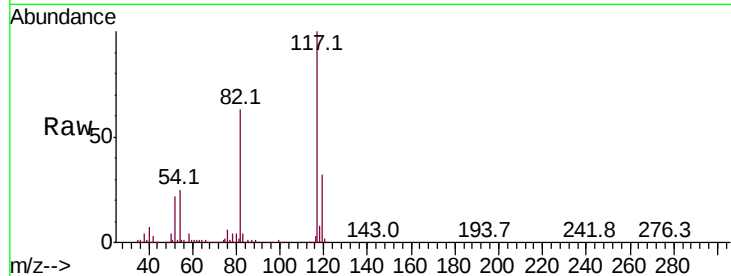


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId :
Acq: 27 Oct 2021 22:07
LOD-MDL-AIR-01-QT4-2021

Tot Ion: 1
Ion Ratio
117 100
82 62.
119 35.

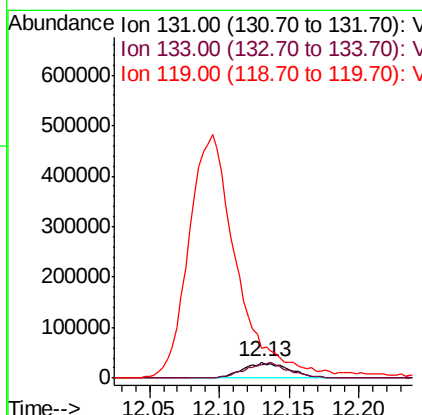
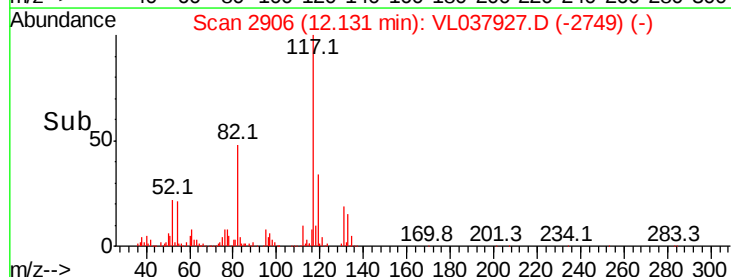
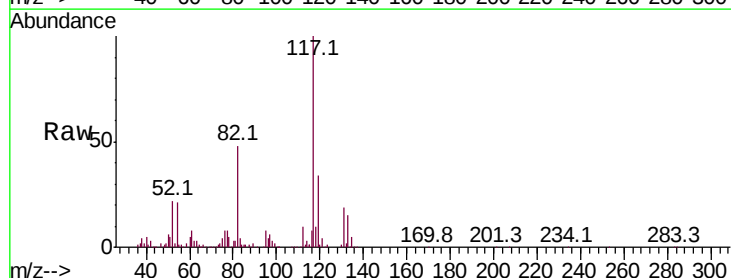
Manual Integrations
APPROVED

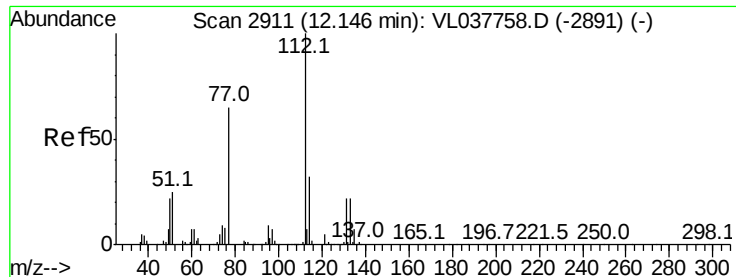
Reviewed By : Mahesh Dadoda 10/29/2021
Supervised By : Semsettin Yesilyurt 10/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 0.500 ppbv m
RT: 12.13 min Scan# 2906
Delta R.T.: 0.00 min
Lab File: VL037927.D
Acq: 27 Oct 2021 22:07

Tgt Ion: 131 Resp: 70333
Ion Ratio Lower Upper
131 100
133 96.0 78.5 117.7
119 0.0 51.7 77.5#





#57

Chlorobenzene

Concen: 0.484 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File:

Acq: 27 Oct 2021 22:07

ClientSampleId :

LOD-MDL-AIR-01-QT4-2021

Tot Ion:1

Ion Ratio

112 100

77 56.

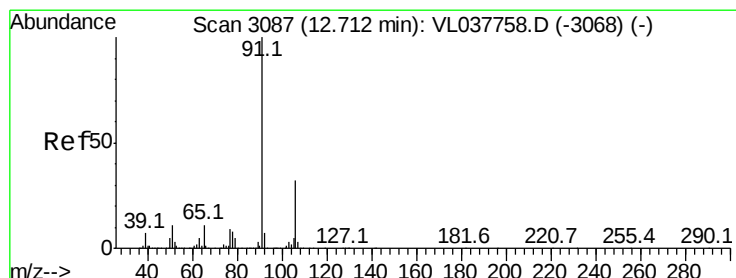
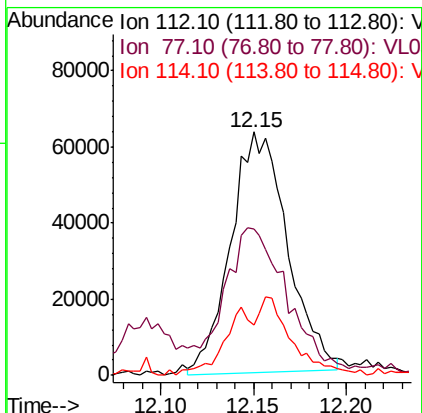
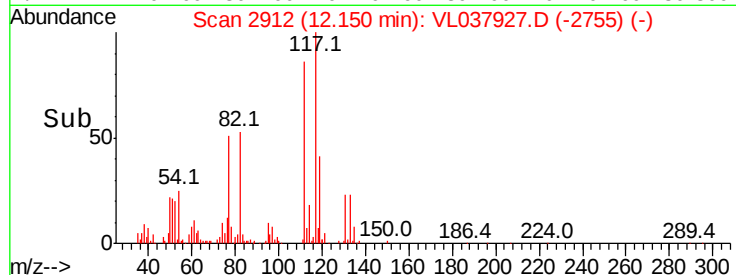
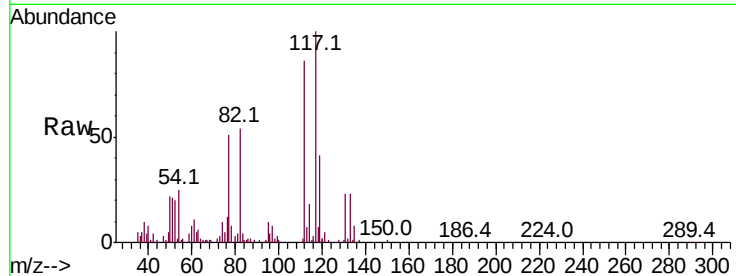
114 18.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021

Supervised By :Semsettin Yesilyurt 10/29/2021



#58

Ethyl Benzene

Concen: 0.297 ppbv m

RT: 12.72 min Scan# 3089

Delta R.T. 0.01 min

Lab File: VL037927.D

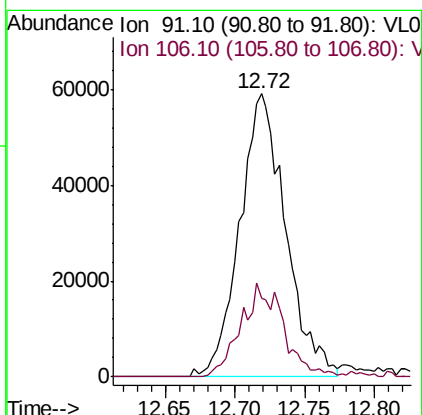
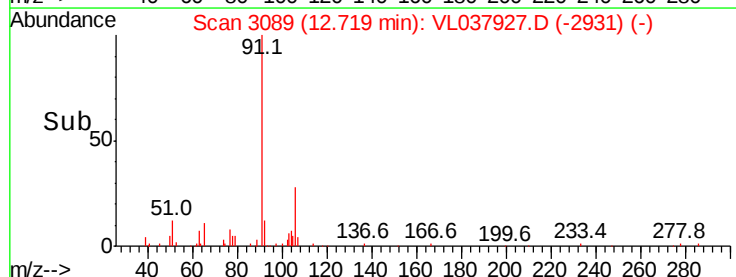
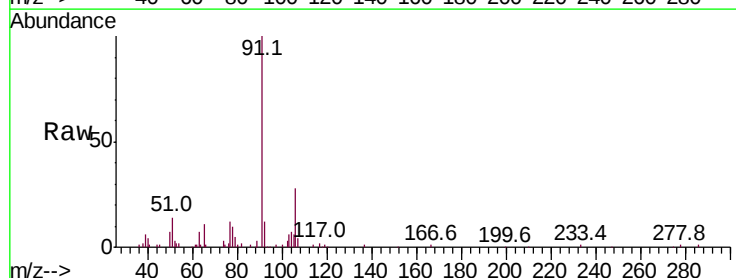
Acq: 27 Oct 2021 22:07

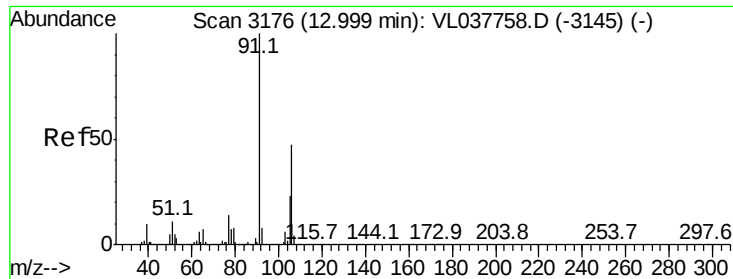
Tgt Ion: 91 Resp: 135379

Ion Ratio Lower Upper

91 100

106 28.0 25.3 37.9





#59

m/p-Xylene

Concen: 0.704 ppbv m

RT: 13.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 22:07

Manual Integrations

APPROVED

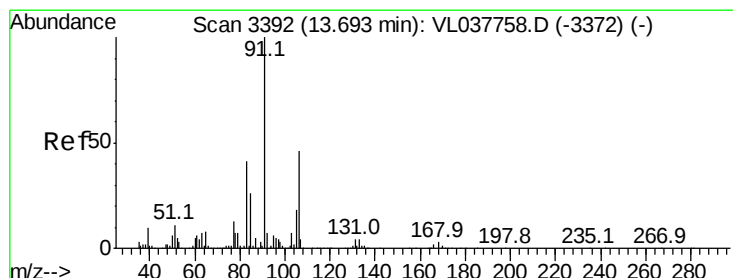
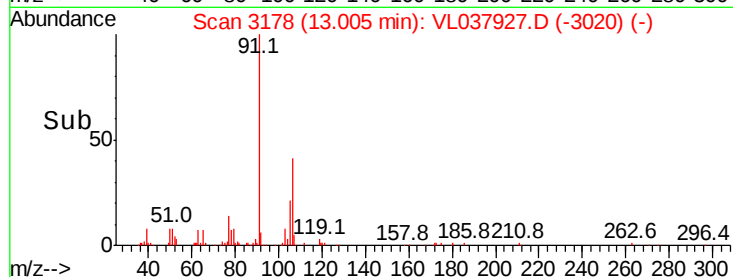
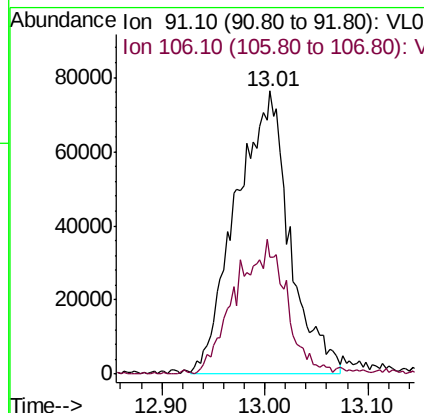
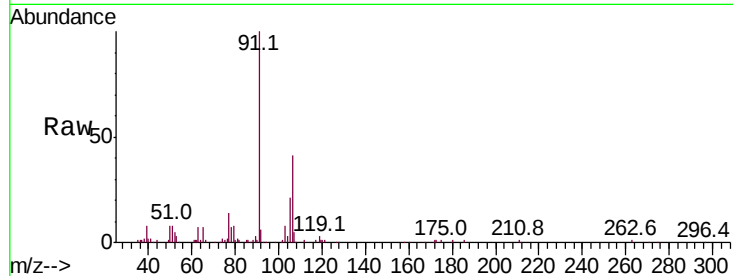
Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021

Tot Ion:

Ion Ratio

91 100

106 45.



#60

o-Xylene

Concen: 0.343 ppbv m

RT: 13.70 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VL037927.D

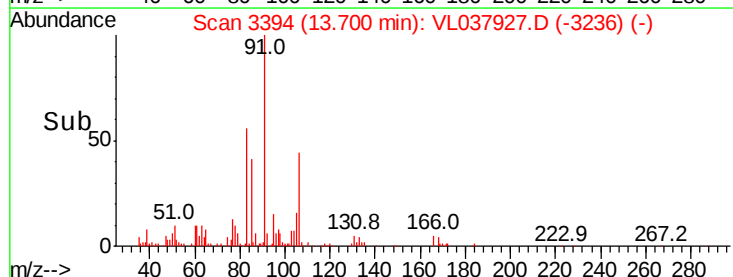
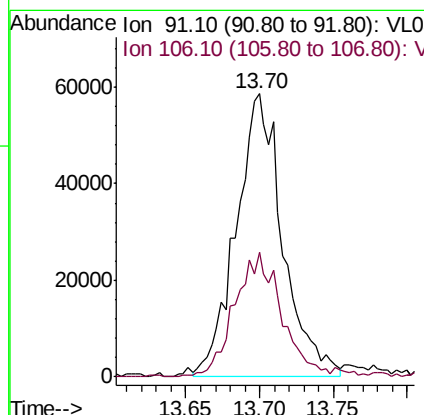
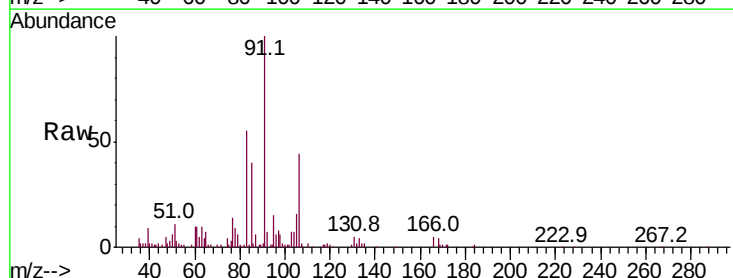
Acq: 27 Oct 2021 22:07

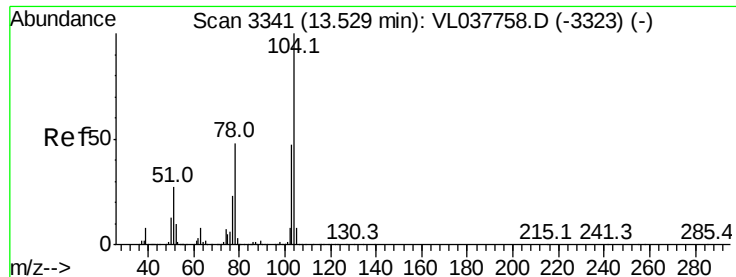
Tgt Ion: 91 Resp: 128899

Ion Ratio Lower Upper

91 100

106 45.9 23.5 70.5





#61

Stvrene

Concen: 0.220 ppbv m

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 22:07

Tot Ion:1

Ion Ratio

104 100

78 57.

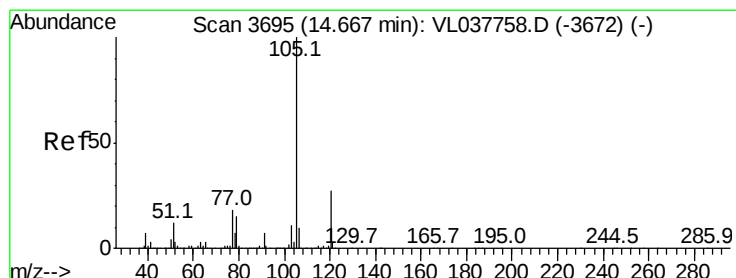
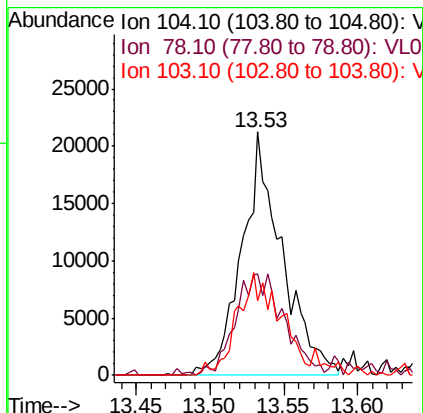
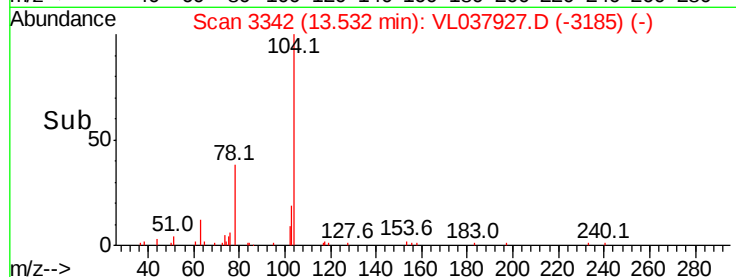
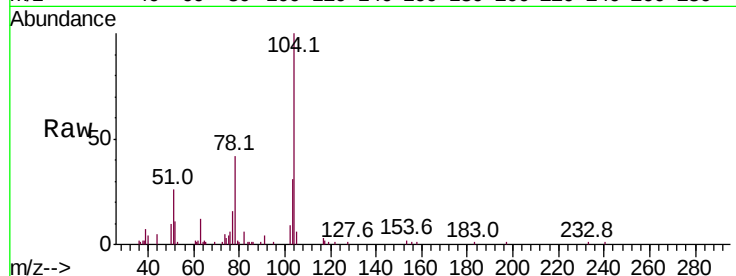
103 49.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021

Supervised By :Semsettin Yesilyurt 10/29/2021



#62

Isopropylbenzene

Concen: 0.384 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.01 min

Lab File: VL037927.D

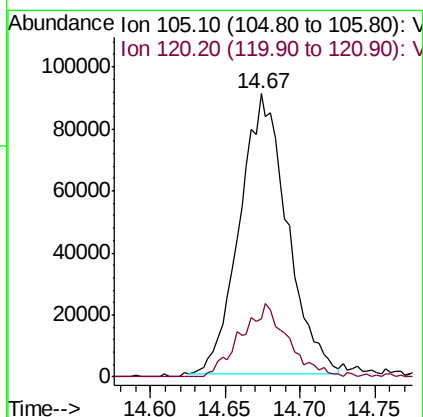
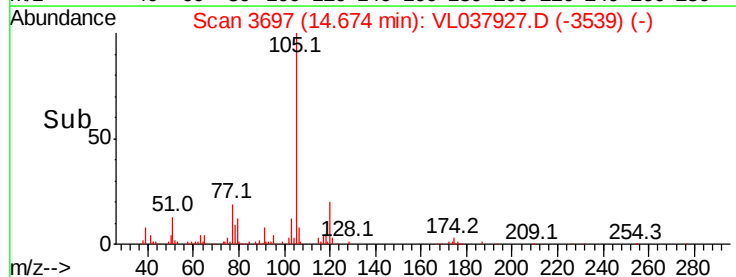
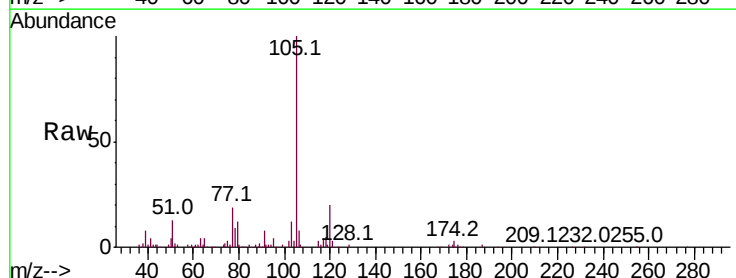
Acq: 27 Oct 2021 22:07

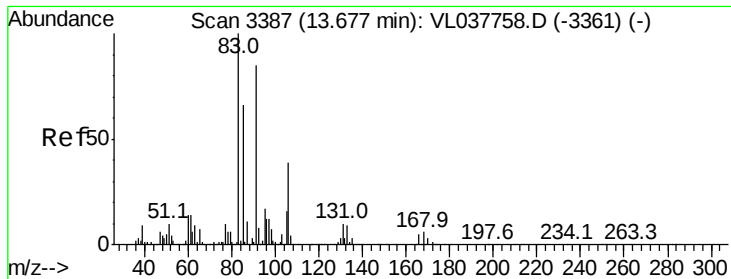
Tgt Ion:105 Resp: 201266

Ion Ratio Lower Upper

105 100

120 26.2 21.3 31.9





#63

1,1,2,2-Tetrachloroethane

Concen: 0.437 ppbv

RT: 13.69 min

Delta R.T. 0.01 min

Lab File: VL037927.D

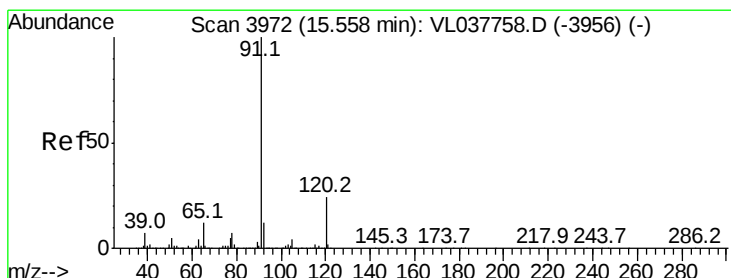
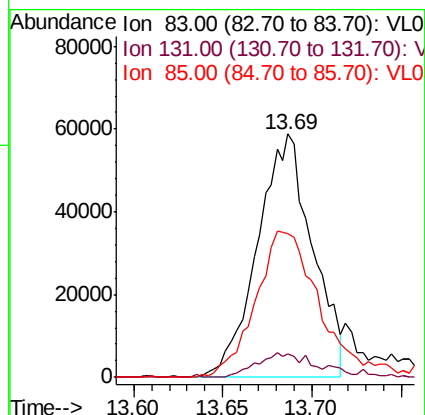
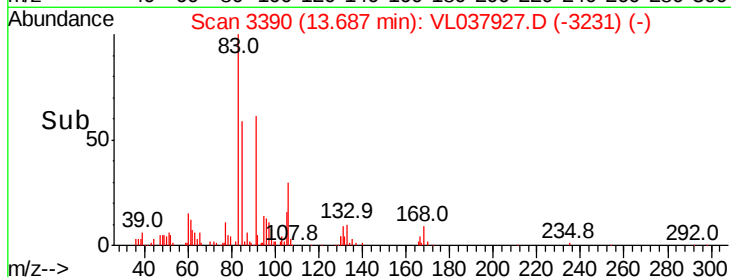
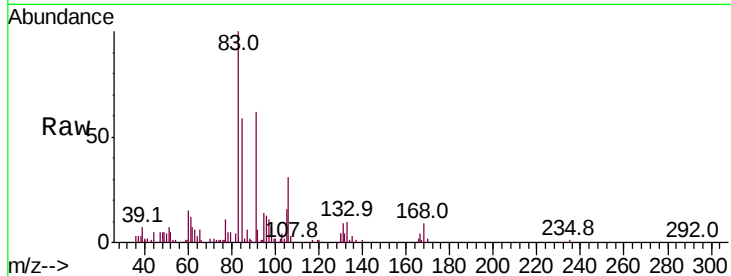
Acq: 27 Oct 2021 22:07

Manual Integrations
APPROVED

Tot Ion:
Ion Ratio

83	100
131	11
85	71

Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#64

n-propylbenzene

Concen: 0.382 ppbv m

RT: 15.57 min Scan# 3976

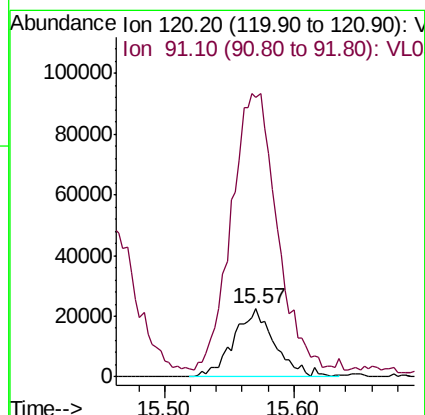
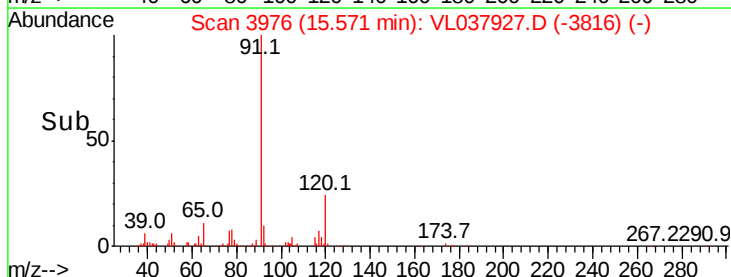
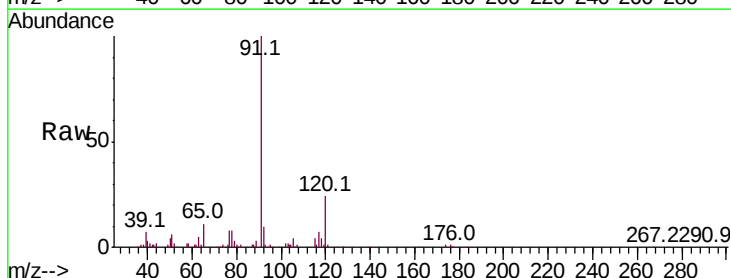
Delta R.T. 0.01 min

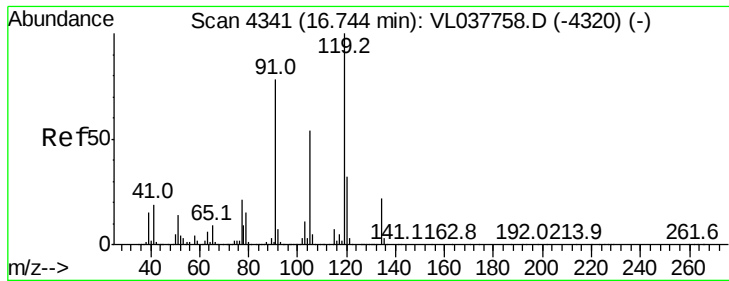
Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

Tgt Ion:120 Resp: 49909

Ion	Ratio	Lower	Upper
120	100		
91	482.8	375.0	562.6



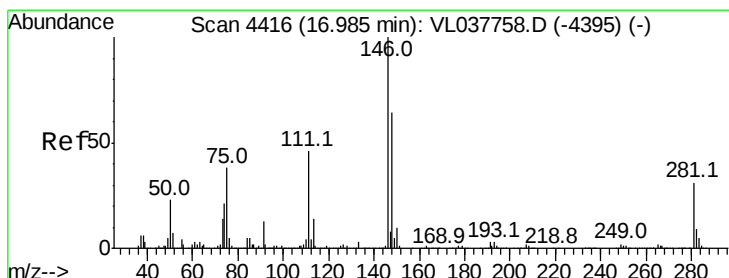
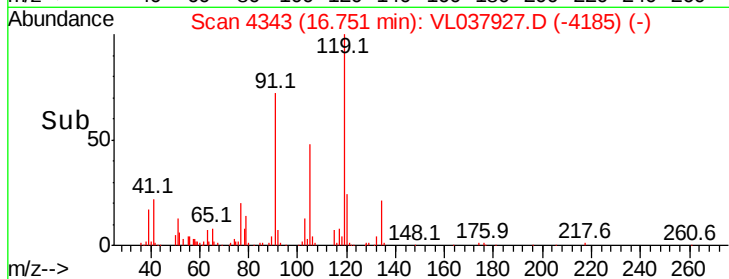
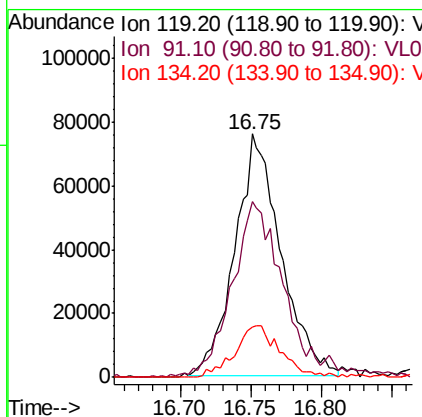
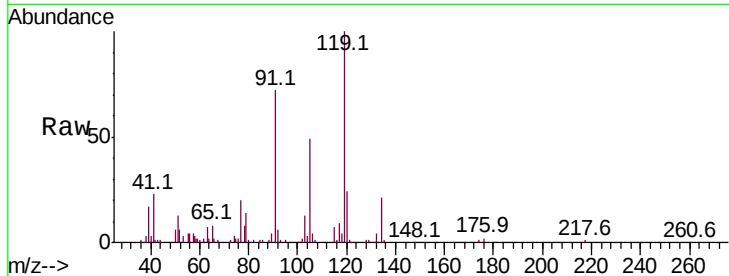


#65
 tert-Butylbenzene
 Concen: 0.376 ppbv
 RT: 16.75 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT4-2021
 Acq: 27 Oct 2021 22:07

Tot Ion: 1
 Ion Ratio
 119 100
 91 83.
 134 21.

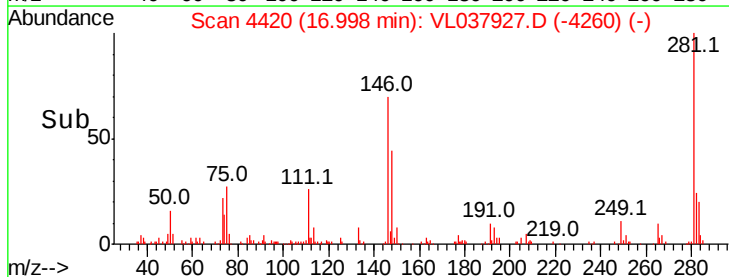
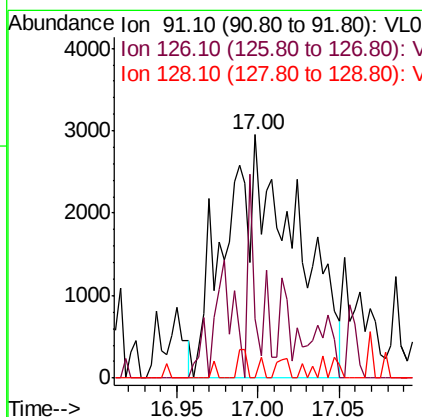
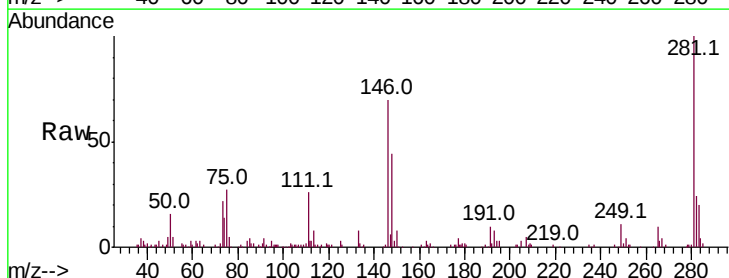
Manual Integrations
 APPROVED

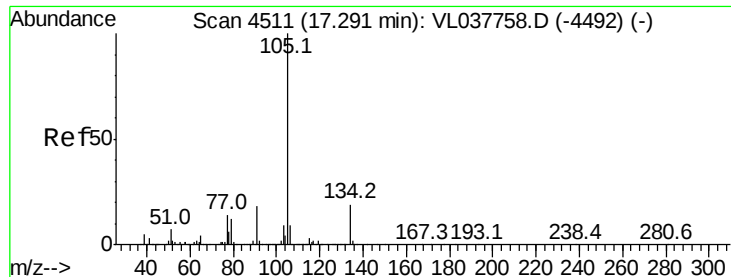
Reviewed By : Mahesh Dadoda 10/29/2021
 Supervised By : Semsettin Yesilyurt 10/29/2021



#66
 Benzyl Chloride
 Concen: 0.394 ppbv m
 RT: 17.00 min Scan# 4420
 Delta R.T.: 0.01 min
 Lab File: VL037927.D
 Acq: 27 Oct 2021 22:07

Tgt Ion: 91 Resp: 8958
 Ion Ratio Lower Upper
 91 100
 126 0.9 0.0 0.0#
 128 2.9 5.3 7.9#





#67

sec-Butylbenzene

Concen: 0.372 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 22:07

Tot Ion:1

Ion Ratio

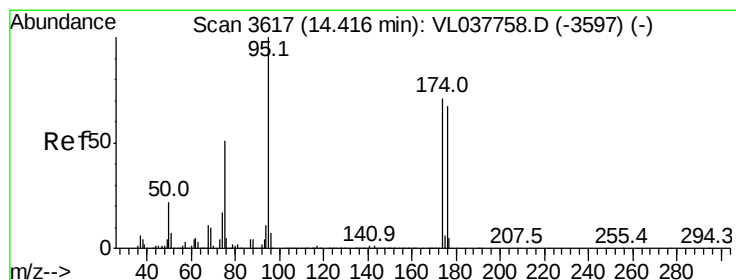
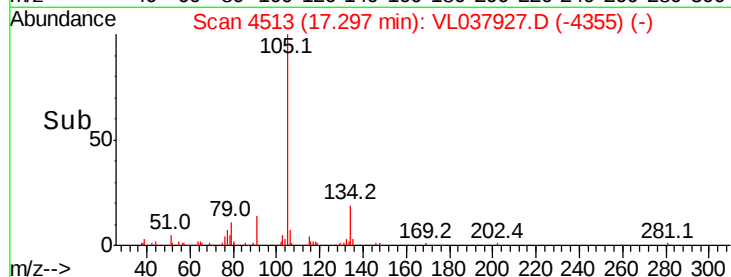
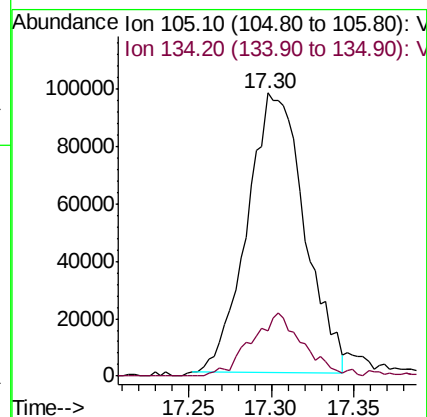
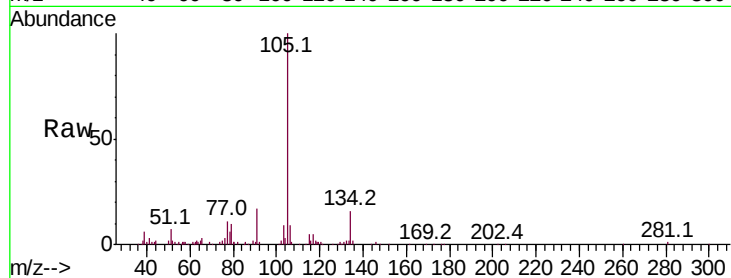
105 100

134 21.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.530 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.00 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

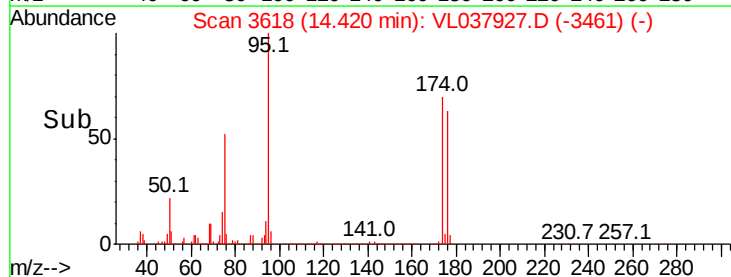
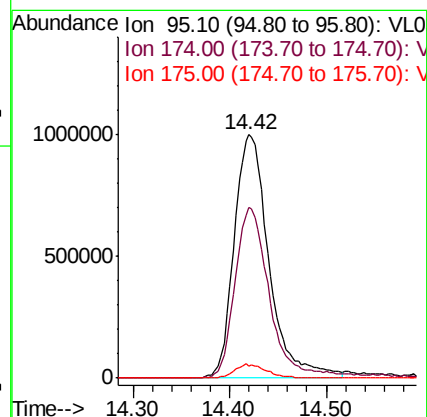
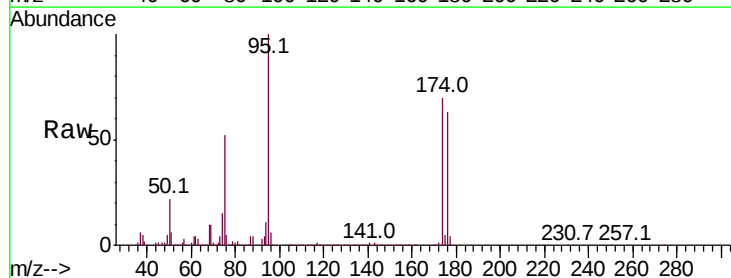
Tgt Ion: 95 Resp: 2502371

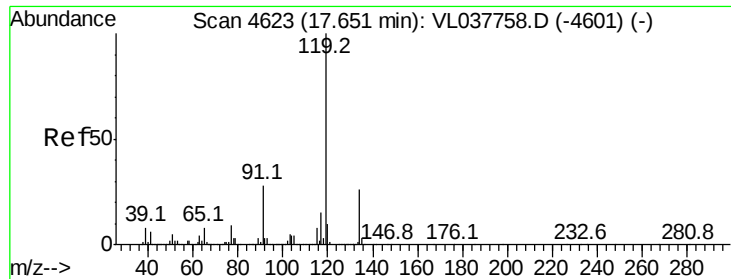
Ion Ratio Lower Upper

95 100

174 69.9 57.8 86.6

175 5.5 4.7 7.1



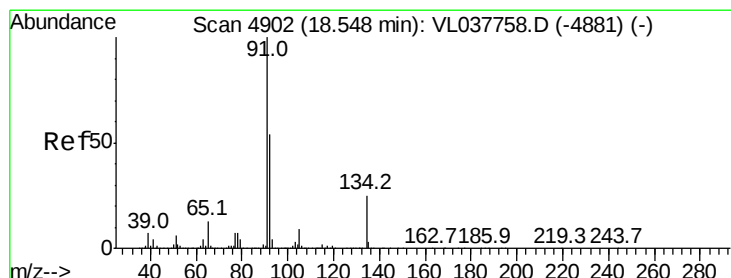
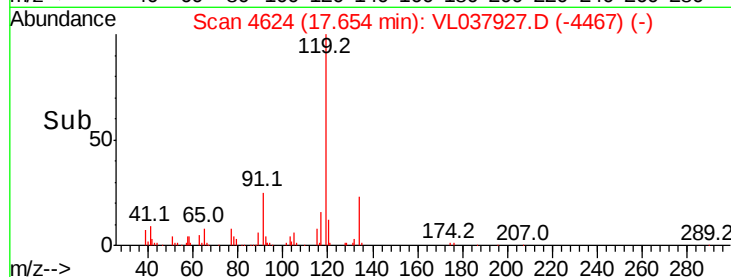
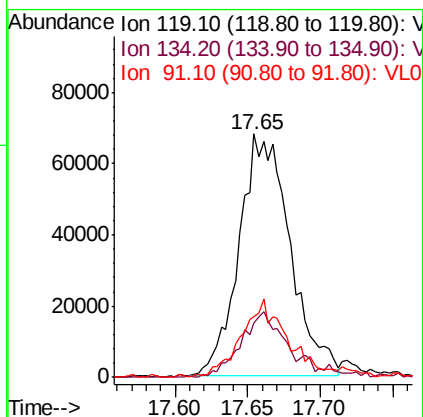
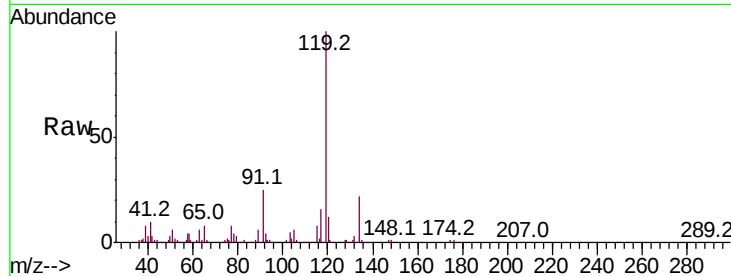


#69
 p-Isopropyltoluene
 Concen: 0.323 ppbv
 RT: 17.65 min
 Delta R.T. 0.01 min
 Lab File: VL037927.D
 Acq: 27 Oct 2021 22:07

Manual Integrations
 APPROVED

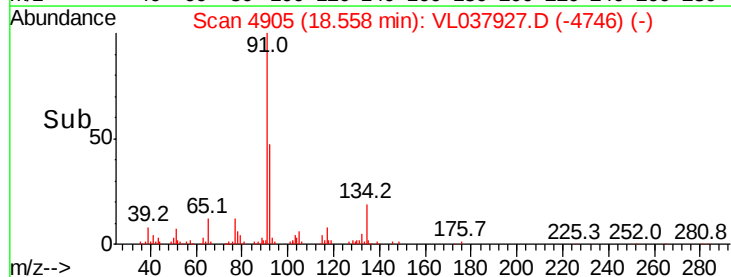
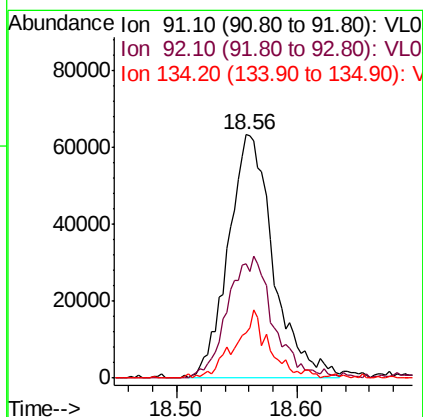
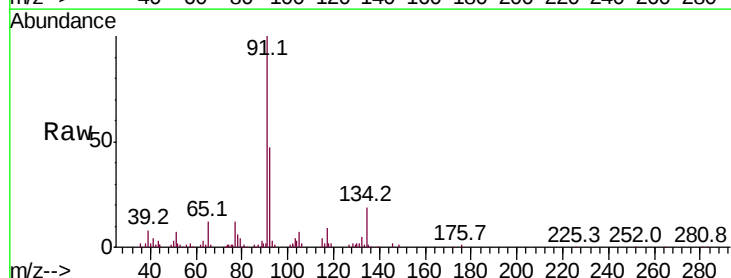
Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 10/29/2021

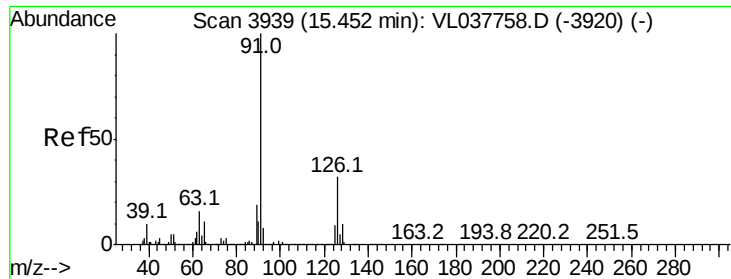
Tot Ion:1
 Ion Ratio
 119 100
 134 27.1
 91 31.1



#70
 n-Butylbenzene
 Concen: 0.336 ppbv m
 RT: 18.56 min Scan# 4905
 Delta R.T. 0.01 min
 Lab File: VL037927.D
 Acq: 27 Oct 2021 22:07

Tgt Ion: 91 Resp: 162645
 Ion Ratio Lower Upper
 91 100
 92 51.5 43.4 65.0
 134 22.1 19.8 29.6





#71

2-Chlorotoluene

Concen: 0.347 ppbv m

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07

Manual Integrations

APPROVED

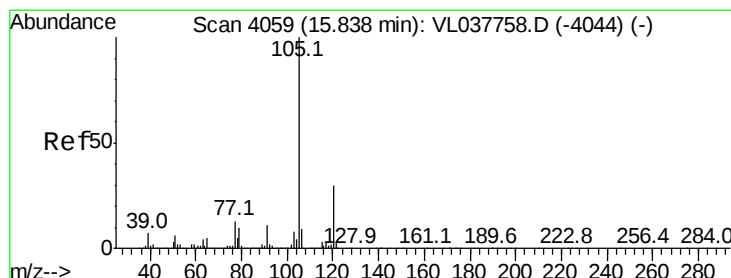
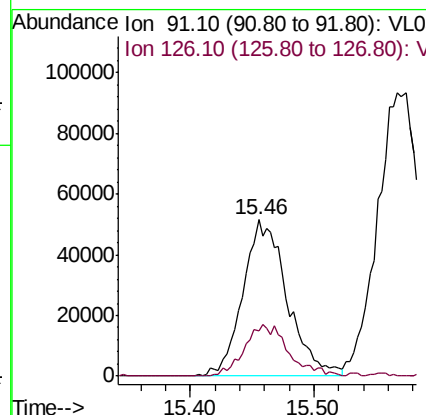
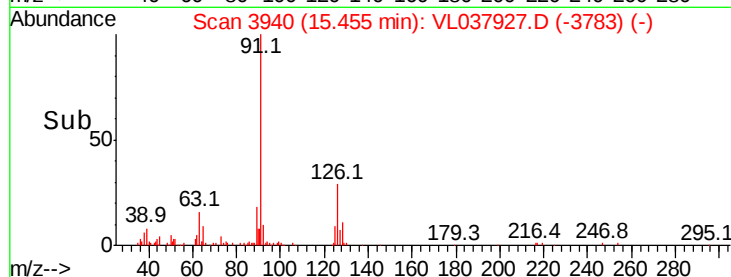
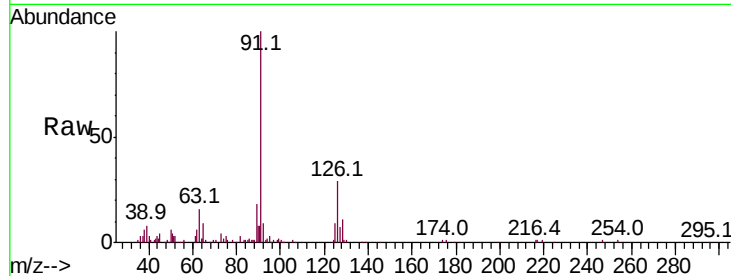
Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021

Tot Ion:

Ion Ratio

91 100

126 0.



#72

4-Ethyltoluene

Concen: 0.325 ppbv m

RT: 15.85 min Scan# 4063

Delta R.T. 0.01 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

Tgt Ion:105 Resp: 138339

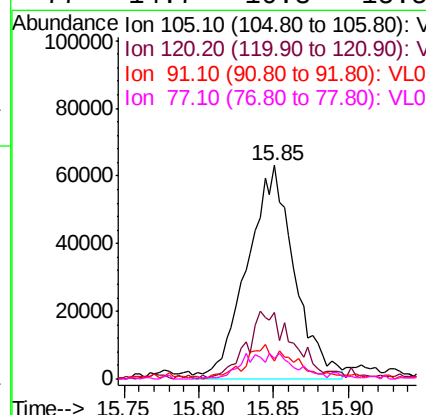
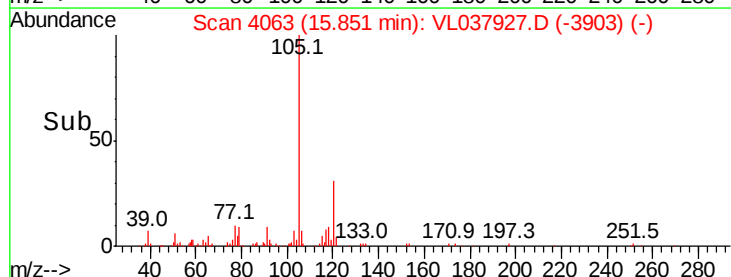
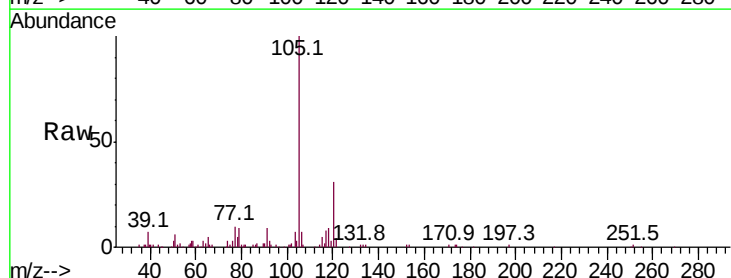
Ion Ratio Lower Upper

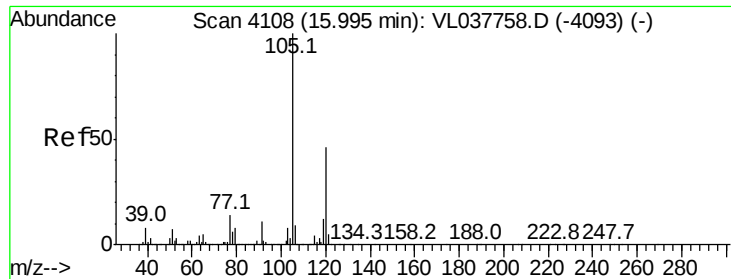
105 100

120 34.0 24.2 36.2

91 17.5 10.4 15.6#

77 14.7 10.3 15.5



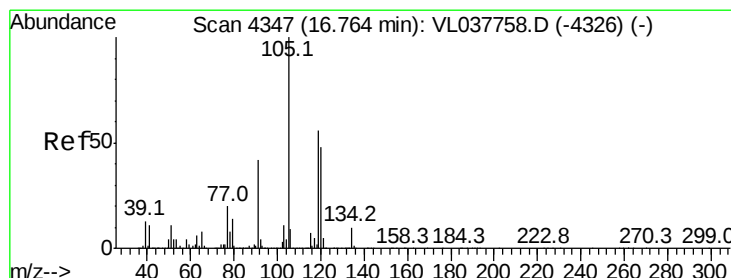
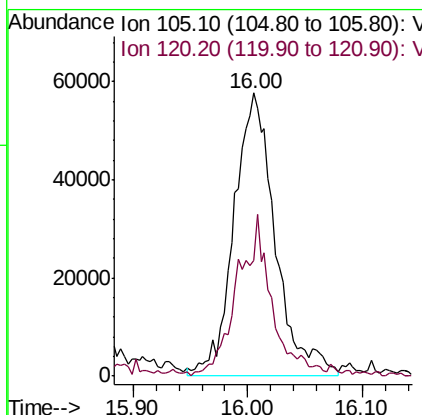
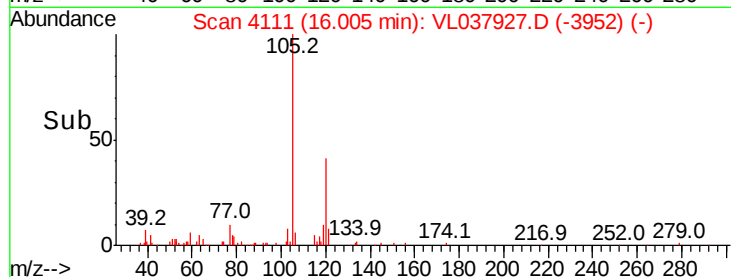
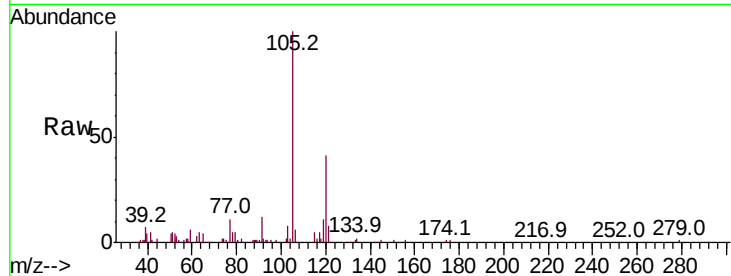


#73
 1,3,5-Trimethylbenzene
 Concen: 0.375 ppbv m
 RT: 16.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Oct 2021 22:07

Tot Ion:1
 Ion Rati
 105 100
 120 41.

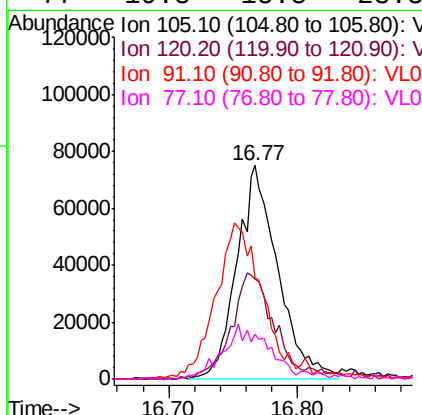
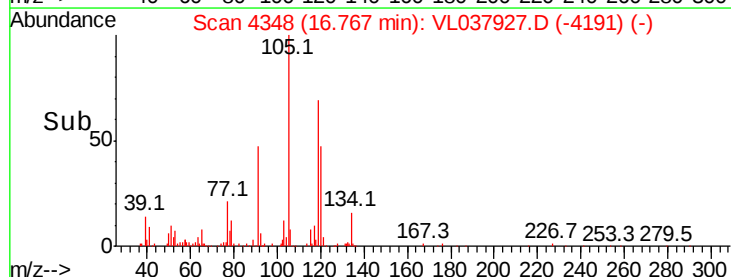
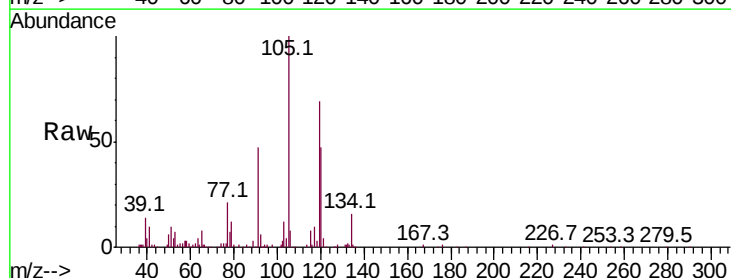
Manual Integrations
 APPROVED

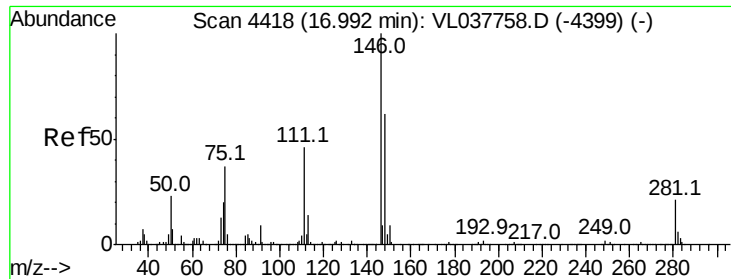
Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 10/29/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 0.404 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.00 min
 Lab File: VL037927.D
 Acq: 27 Oct 2021 22:07

Tgt Ion:105 Resp: 164408
 Ion Ratio Lower Upper
 105 100
 120 45.5 38.4 57.6
 91 44.7 34.2 51.2
 77 19.8 15.8 23.8





#75

1,3-Dichlorobenzene

Concen: 0.465 ppbv m

RT: 17.01

Delta R.T. MSVOA_1

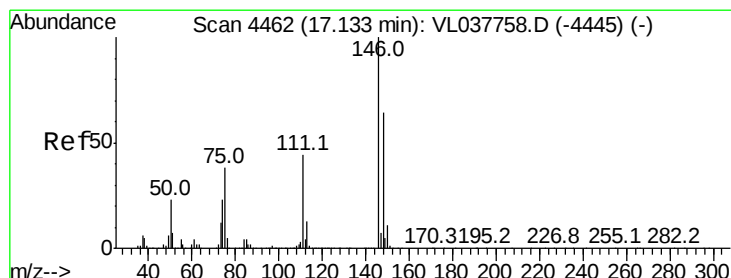
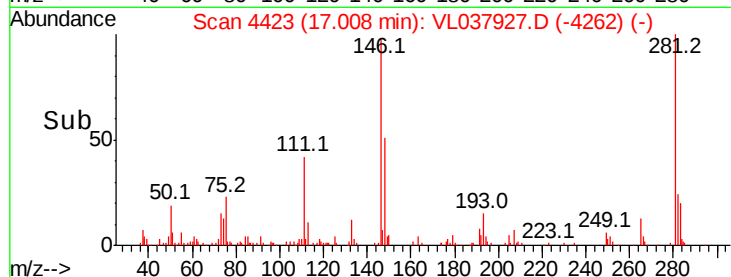
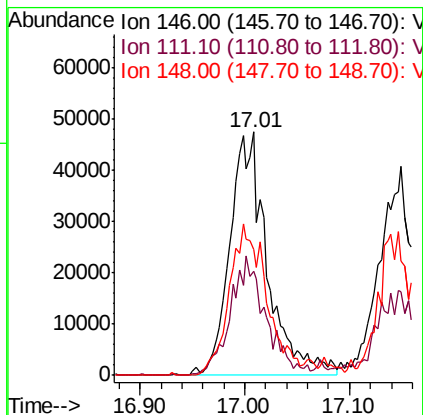
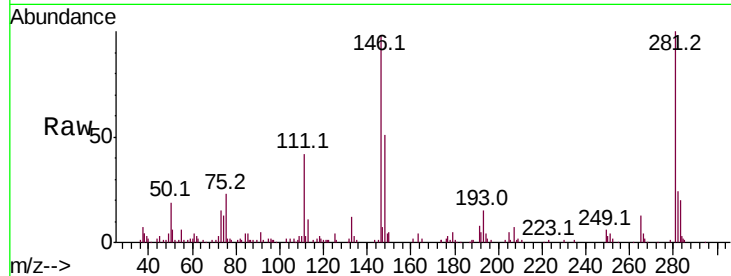
Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07

Tot Ion:1
Ion Rati
146 100
111 46.
148 62.

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#76

1,4-Dichlorobenzene

Concen: 0.418 ppbv m

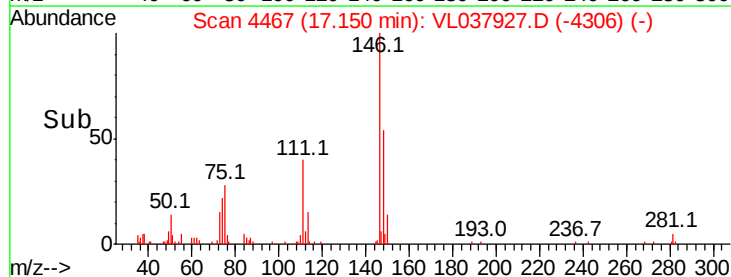
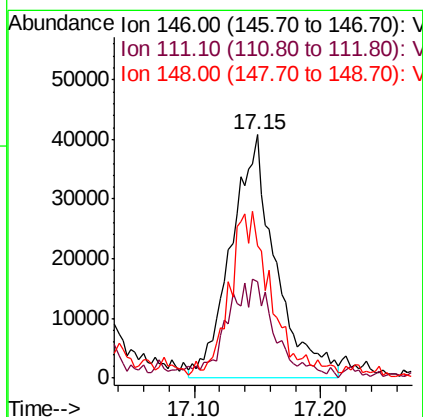
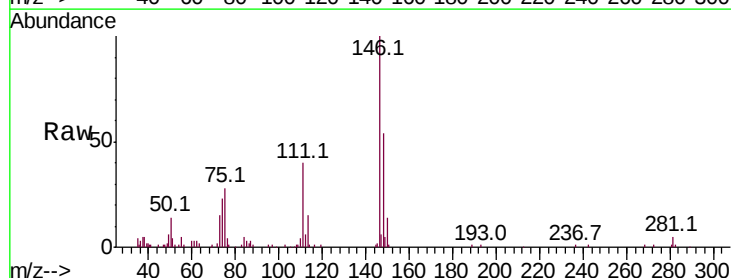
RT: 17.15 min Scan# 4467

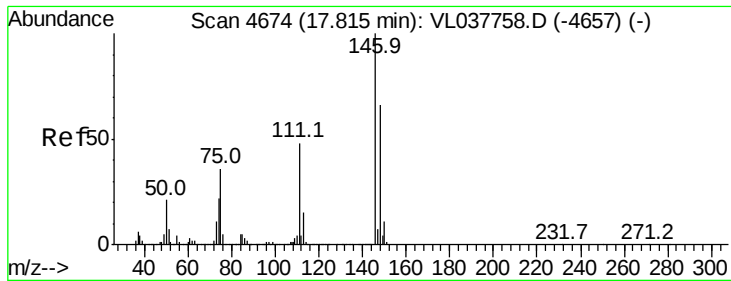
Delta R.T. 0.02 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

Tgt Ion:146 Resp: 100440
Ion Ratio Lower Upper
146 100
111 46.7 22.4 67.3
148 63.1 33.3 99.9





#77

1,2-Dichlorobenzene

Concen: 0.429 ppbv m

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 22:07

Manual Integrations

APPROVED

Tot Ion:1

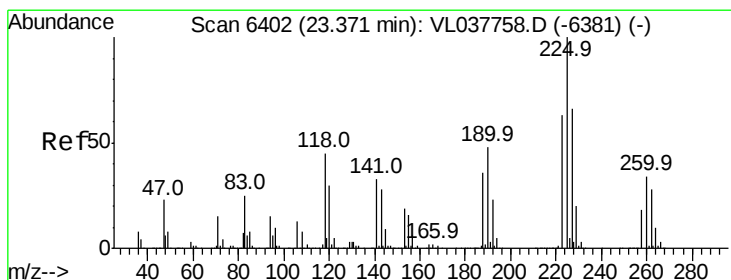
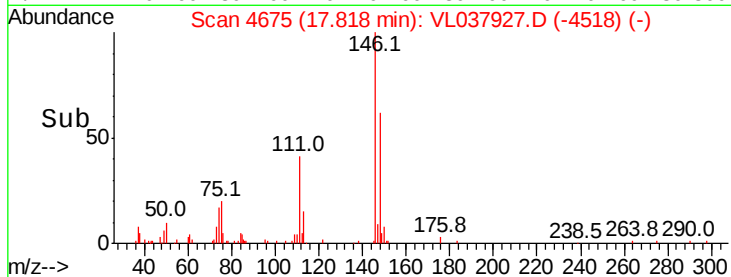
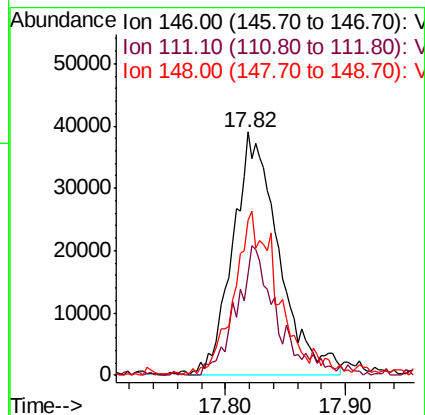
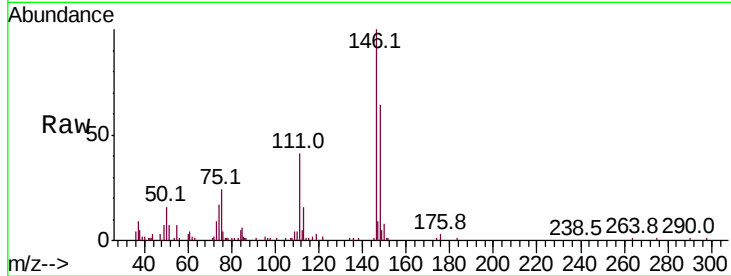
Ion Rati

146 100

111 0.

148 0.

Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#78

Hexachloro-1,3-Butadiene

Concen: 0.513 ppbv m

RT: 23.38 min Scan# 6404

Delta R.T. 0.01 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

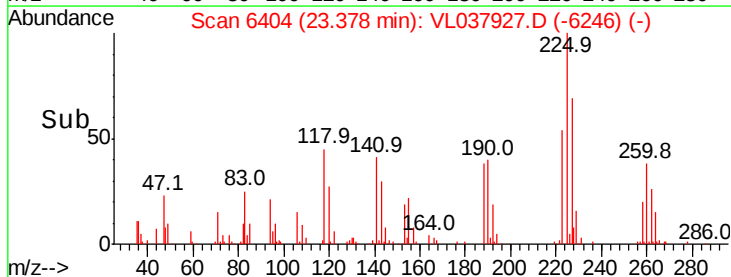
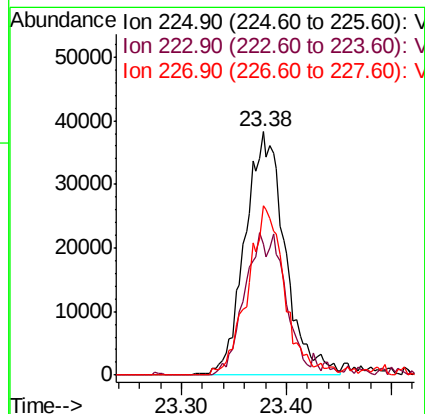
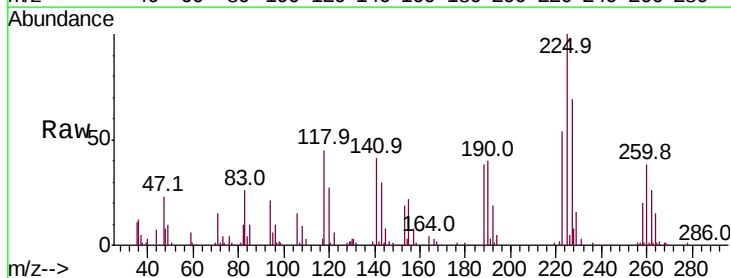
Tgt Ion:225 Resp: 101411

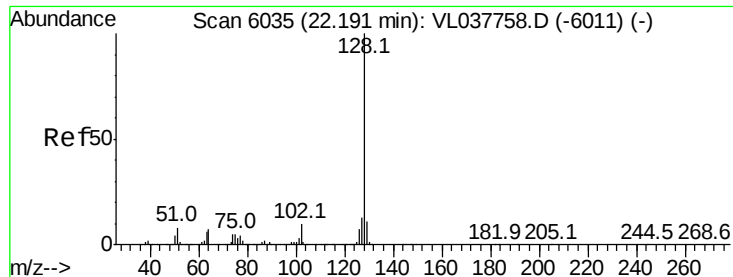
Ion Ratio Lower Upper

225 100

223 61.4 51.2 76.8

227 65.0 51.1 76.7





#79

Naphthalene

Concen: 0.209 ppbv m

RT: 22.21

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 22:07

Tot Ion:1

Ion Ratio

128 100

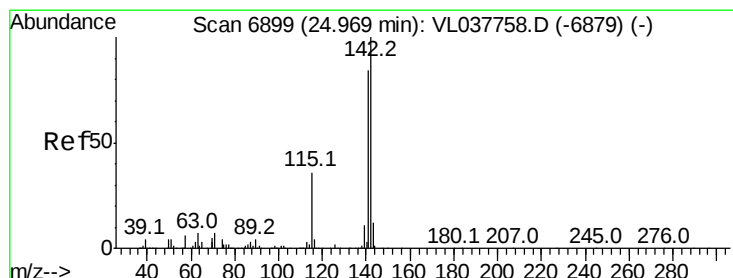
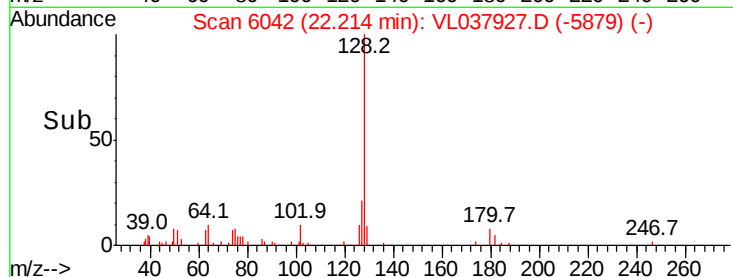
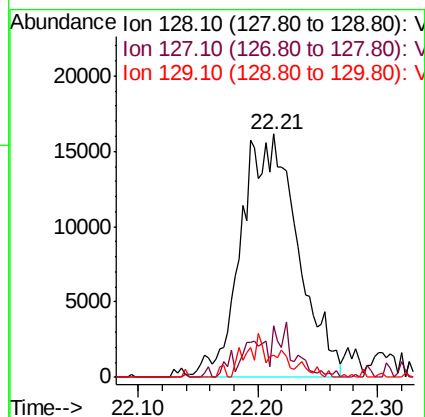
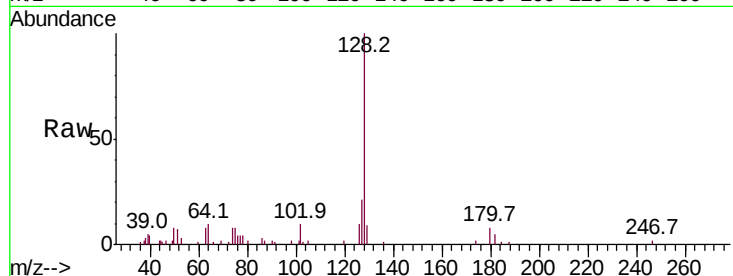
127 21.

129 9.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021



#80

Naphthalene, 2-methyl-

Concen: 0.155 ppbv m

RT: 24.97 min Scan# 6900

Delta R.T. 0.00 min

Lab File: VL037927.D

Acq: 27 Oct 2021 22:07

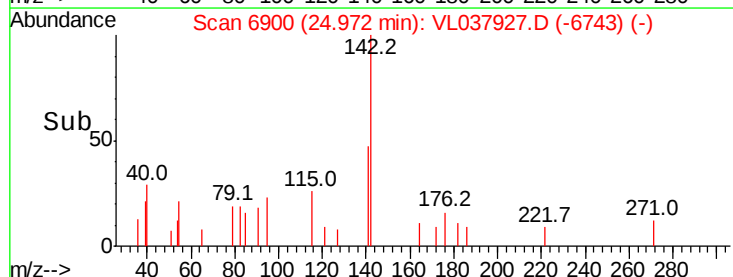
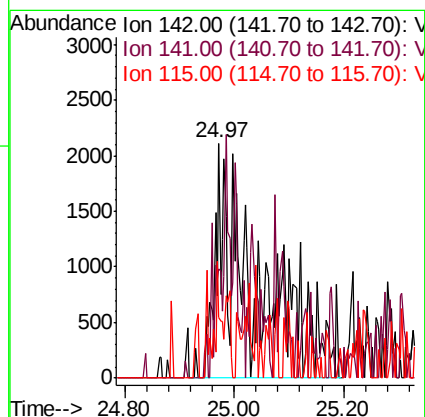
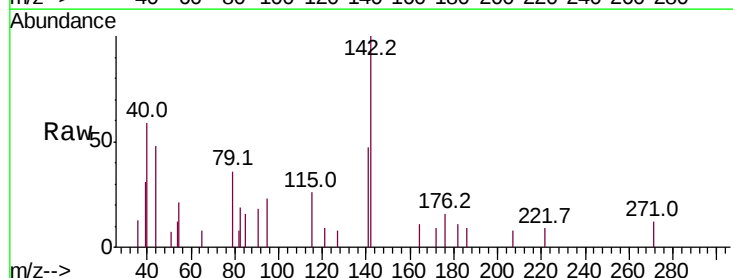
Tgt Ion:142 Resp: 10380

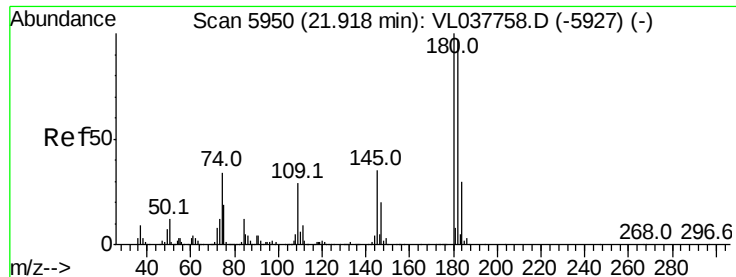
Ion Ratio Lower Upper

142 100

141 12.4 68.6 102.8#

115 16.7 29.0 43.6#





#81

1,2,4-Trichlorobenzene

Concen: 0.311 ppbv m

RT: 21.93

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 22:07

Manual Integrations
APPROVED

Tot Ion:1

Ion Rati

180 100

182 0.

184 0.

Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 10/29/2021

