

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101821\
 Data File : VL037858.D
 Acq On : 18 Oct 2021 18:47
 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

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

Quant Time: Oct 19 09:02:00 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	1264482	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3712690	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2821109m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2276999	11.54	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	115.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	130844	0.648 ppbv	100
3) Chlorodifluoromethane	2.99	51	126316	0.520 ppbv	100
4) Chloromethane	3.14	50	48585	0.546 ppbv #	88
5) Vinyl Chloride	3.26	62	41312	0.506 ppbv	92
6) Bromomethane	3.48	94	22821m	0.517 ppbv	
7) Chloroethane	3.56	64	16346m	0.545 ppbv	
8) Dichlorotetrafluoroethane	3.19	85	111011	0.556 ppbv	99
9) Propene	3.01	41	44198m	0.494 ppbv	
10) Heptane	8.13	43	78990	0.389 ppbv	95
11) Trichlorofluoromethane	3.95	101	91257	0.506 ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.48	101	74203m	0.543 ppbv	
13) Ethanol	3.64	45	4445m	0.608 ppbv	
14) Bromoethene	3.75	108	31235m	0.520 ppbv	
15) Acetone	3.88	43	71744m	0.632 ppbv	
16) 1,3-Butadiene	3.33	39	44473m	0.538 ppbv	
17) tert-Butyl alcohol	4.32	59	64138m	0.549 ppbv	
18) 1,1-Dichloroethene	4.29	96	35472m	0.572 ppbv	
19) Isopropyl Alcohol	3.99	45	39348m	0.557 ppbv	
20) Methylene Chloride	4.35	84	48328m	0.843 ppbv	
21) Allyl Chloride	4.42	41	40612	0.404 ppbv #	79
22) trans-1,2-Dichloroethene	4.89	96	28869	0.463 ppbv	91
23) Vinyl Acetate	5.09	43	75215m	0.442 ppbv	
24) 1,1-Dichloroethane	5.01	63	68404m	0.552 ppbv	
25) Ethyl Acetate	5.69	43	137649	0.432 ppbv #	94
26) Hexane	5.69	57	73222m	0.467 ppbv	
27) Carbon Disulfide	4.56	76	56814	0.409 ppbv #	86
28) Methyl tert-Butyl Ether	5.05	73	59041	0.452 ppbv	98
29) Chloroform	5.75	83	115097	0.513 ppbv	99
30) Cyclohexane	7.14	84	61537m	0.463 ppbv	
31) cis-1,2-Dichloroethene	5.55	61	60970m	0.428 ppbv	
32) 1,1,1-Trichloroethane	6.51	97	104902m	0.494 ppbv	
34) 2-Butanone	5.27	43	71113m	0.474 ppbv	
35) Carbon Tetrachloride	7.02	117	100146m	0.475 ppbv	
36) Benzene	6.89	78	133853m	0.422 ppbv	
37) 1,2-Dichloroethane	6.31	62	73046	0.489 ppbv	96
38) Trichloroethene	7.83	130	56867m	0.454 ppbv	
39) 1,2-Dichloropropane	7.62	63	56166m	0.471 ppbv	
40) 1,4-Dioxane	7.87	88	14800m	0.496 ppbv	
41) Tetrahydrofuran	6.09	42	23009m	0.313 ppbv	
42) Bromodichloromethane	7.80	83	105262m	0.480 ppbv	
43) Methyl Methacrylate	8.03	69	31576m	0.305 ppbv	

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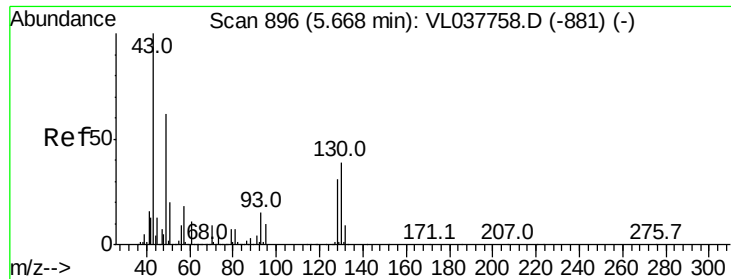
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	230769	0.433	ppbv	94
45) t-1,3-Dichloropropene	9.29	75	22476m	0.315	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	27853	0.282	ppbv #	86
47) 1,1,2-Trichloroethane	9.47	97	61978m	0.478	ppbv	
48) Dibromochloromethane	10.31	129	74559m	0.403	ppbv	
49) Bromoform	13.04	173	53024m	0.375	ppbv	
50) 4-Methyl-2-Pentanone	8.77	43	67958m	0.348	ppbv	
52) Tetrachloroethene	11.22	164	53784m	0.436	ppbv	
53) Toluene	9.81	91	118256	0.336	ppbv	97
54) 1,2-Dibromoethane	10.61	107	71903m	0.411	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.12	131	71871m	0.615	ppbv	
57) Chlorobenzene	12.14	112	138731m	0.599	ppbv	
58) Ethyl Benzene	12.72	91	152078	0.401	ppbv	95
59) m/p-Xylene	13.00	91	297731m	0.916	ppbv	
60) o-Xylene	13.69	91	138291	0.444	ppbv	96
61) Styrene	13.53	104	44883m	0.298	ppbv	
62) Isopropylbenzene	14.67	105	215826	0.497	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	137503m	0.572	ppbv	
64) n-propylbenzene	15.56	120	48399m	0.447	ppbv	
65) tert-Butylbenzene	16.75	119	181754	0.475	ppbv	94
66) Benzyl Chloride	16.99	91	7365m	0.390	ppbv	
67) sec-Butylbenzene	17.30	105	263501	0.504	ppbv	99
69) p-Isopropyltoluene	17.66	119	199618m	0.472	ppbv	
70) n-Butylbenzene	18.55	91	179316m	0.446	ppbv	
71) 2-Chlorotoluene	15.46	91	135333	0.441	ppbv	99
72) 4-Ethyltoluene	15.84	105	141623	0.400	ppbv #	93
73) 1,3,5-Trimethylbenzene	16.00	105	161172m	0.501	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	179529m	0.532	ppbv	
75) 1,3-Dichlorobenzene	17.00	146	125638m	0.601	ppbv	
76) 1,4-Dichlorobenzene	17.14	146	113449m	0.569	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	106872m	0.532	ppbv	
78) Hexachloro-1,3-Butadiene	23.37	225	106339m	0.648	ppbv	
79) Naphthalene	22.20	128	63707m	0.308	ppbv	
81) 1,2,4-Trichlorobenzene	21.92	180	51118m	0.387	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47

Tot Ion:

Ion Ratio

49 100

128 53.

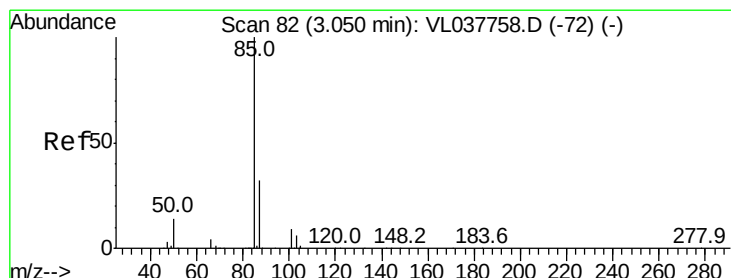
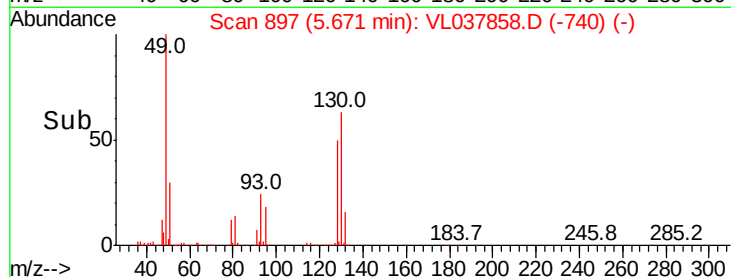
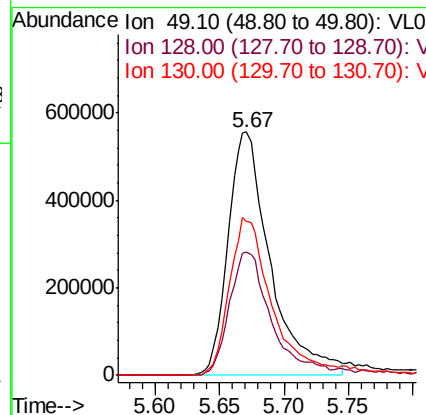
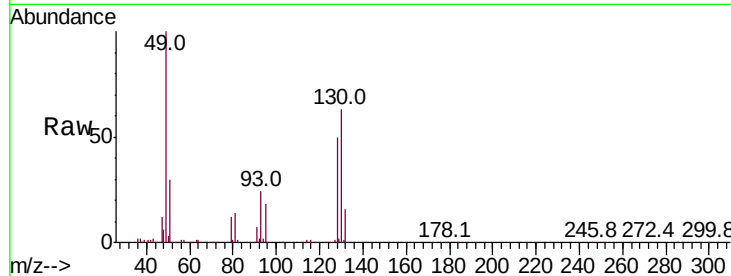
130 68.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2021



#2

Dichlorodifluoromethane

Concen: 0.648 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL037858.D

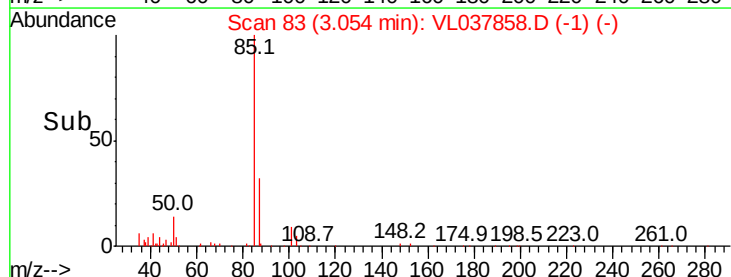
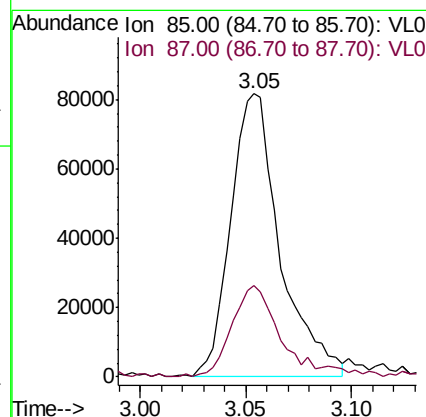
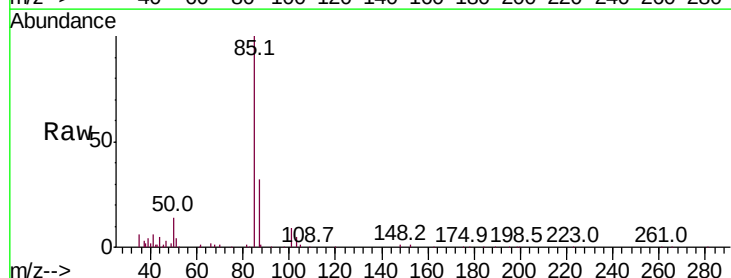
Acq: 18 Oct 2021 18:47

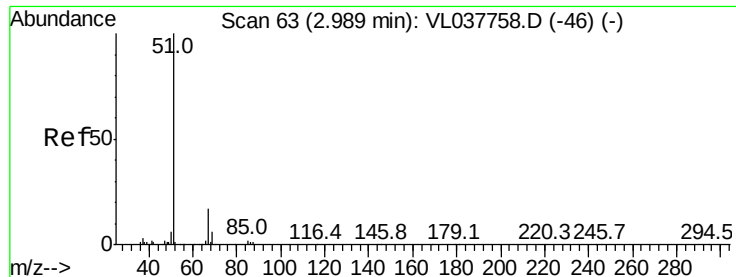
Tgt Ion: 85 Resp: 130844

Ion Ratio Lower Upper

85 100

87 32.4 25.7 38.5





#3

Chlorodifluoromethane

Concen: 0.520 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

51 100

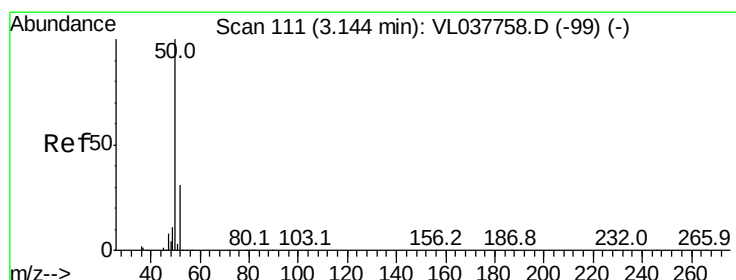
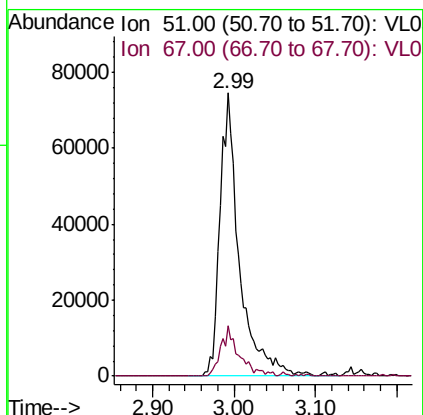
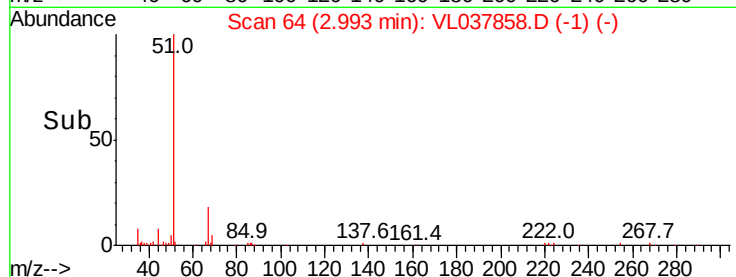
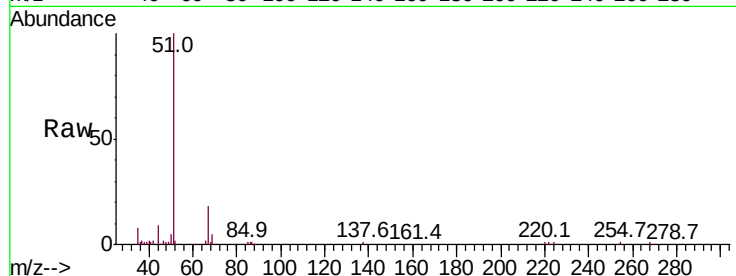
67 16.

Manual Integrations

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#4

Chloromethane

Concen: 0.546 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL037858.D

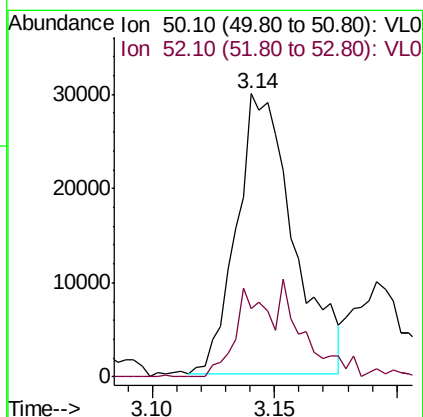
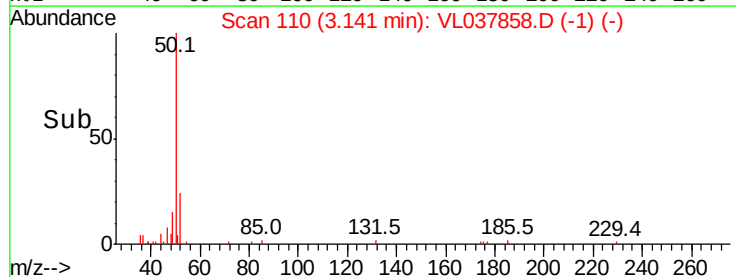
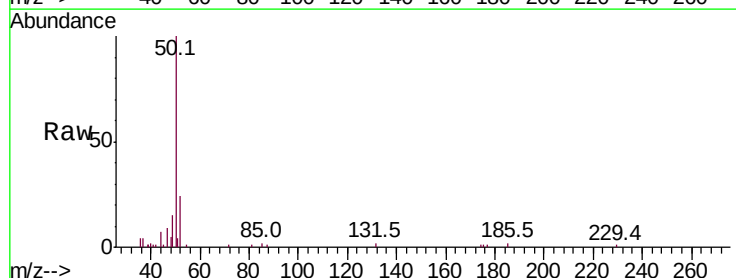
Acq: 18 Oct 2021 18:47

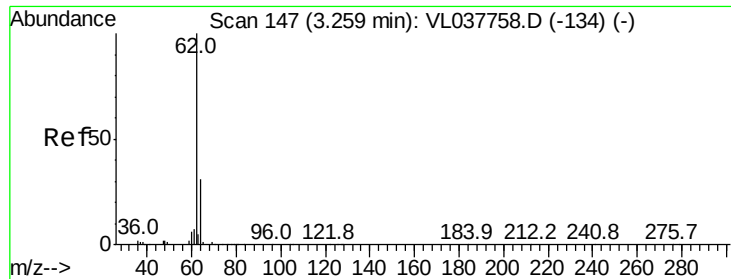
Tgt Ion: 50 Resp: 48585

Ion Ratio Lower Upper

50 100

52 24.2 24.4 36.6#





#5

Vinyl Chloride

Concen: 0.506 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

62 100

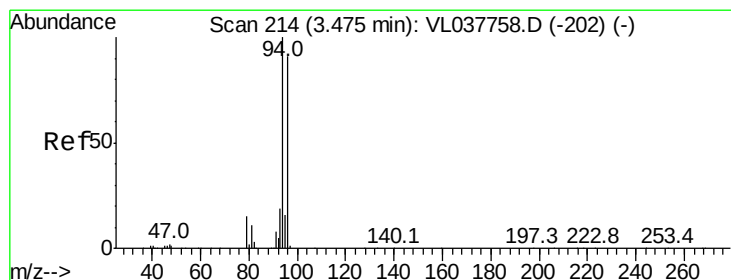
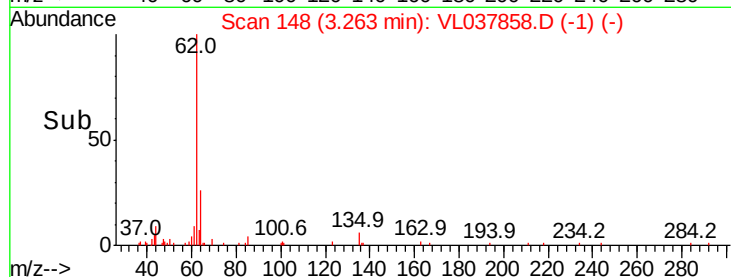
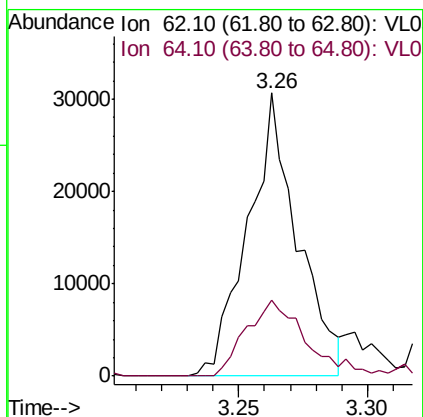
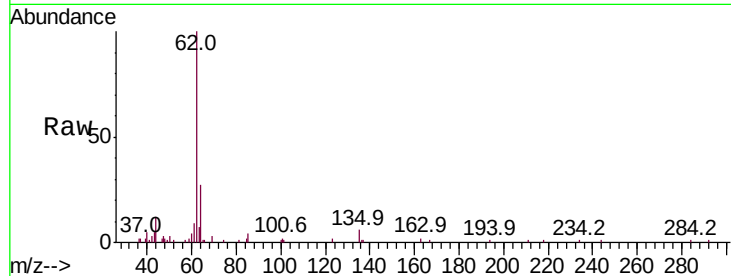
64 26.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2021



#6

Bromomethane

Concen: 0.517 ppbv m

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL037858.D

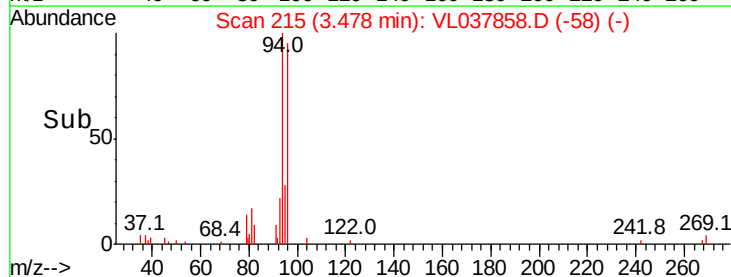
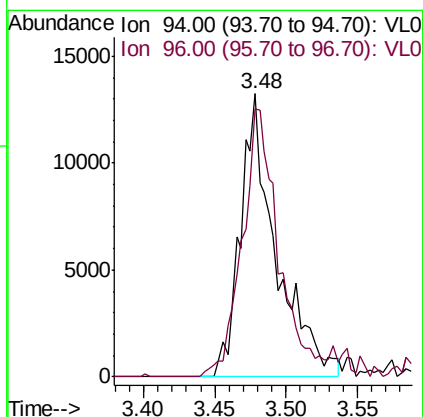
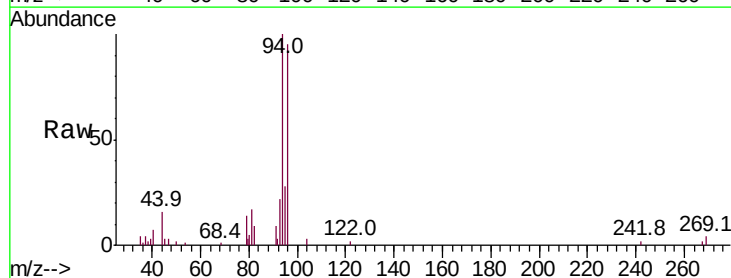
Acq: 18 Oct 2021 18:47

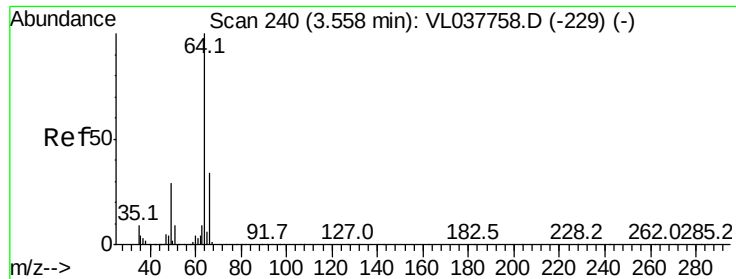
Tgt Ion: 94 Resp: 22821

Ion Ratio Lower Upper

94 100

96 94.7 72.5 108.7





#7

Chloroethane

Concen: 0.545 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

64 100

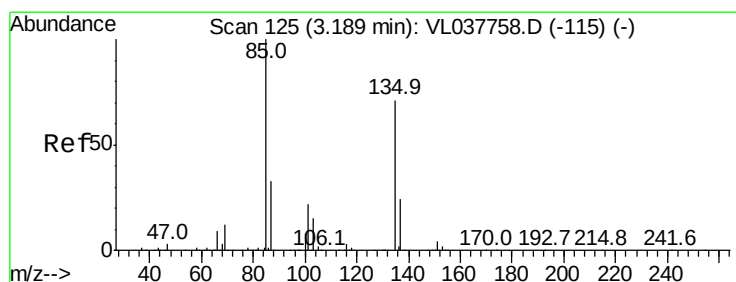
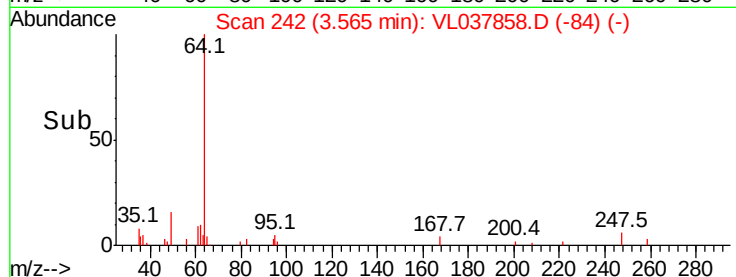
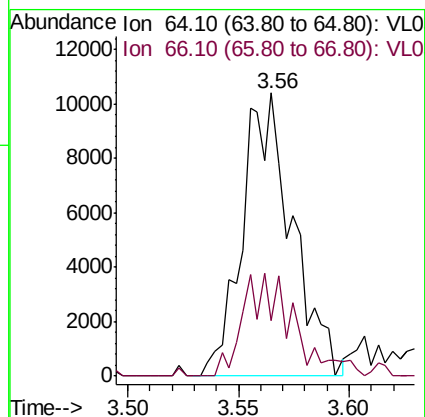
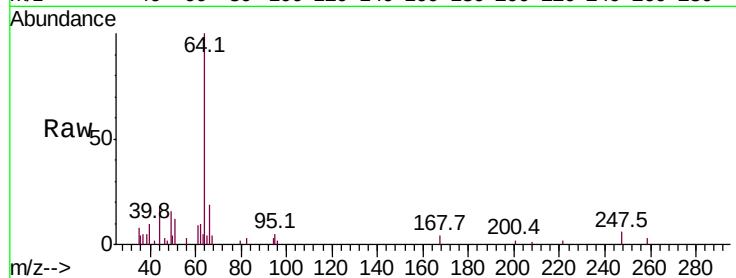
66 19.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2021



#8

Dichlorotetrafluoroethane

Concen: 0.556 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL037858.D

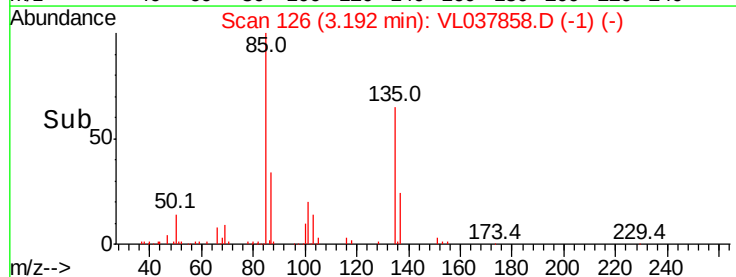
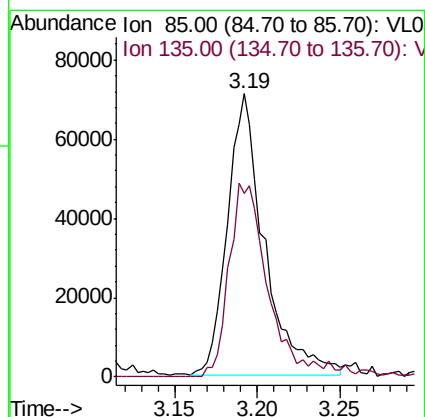
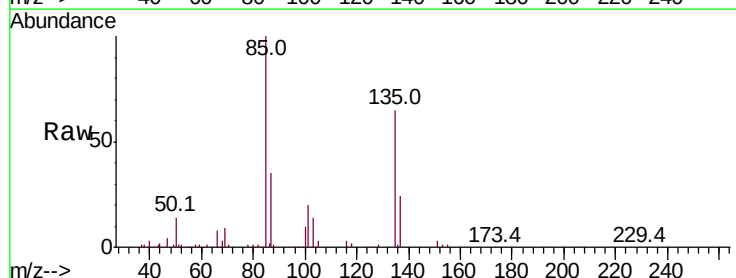
Acq: 18 Oct 2021 18:47

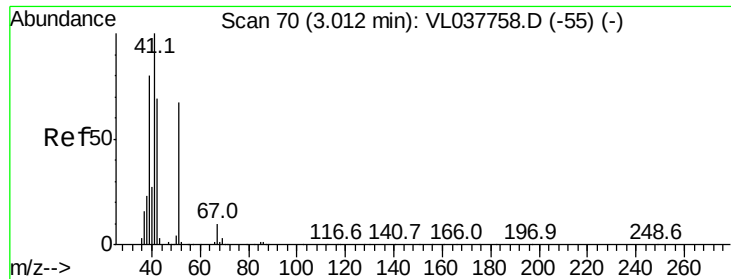
Tgt Ion: 85 Resp: 111011

Ion Ratio Lower Upper

85 100

135 75.1 59.5 89.3





#9

Propene

Concen: 0.494 ppbv m

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Oct 2021 18:47

Tot Ion:

Ion Ratio

41 100

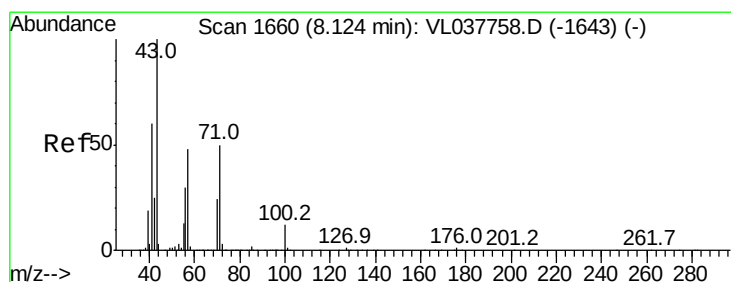
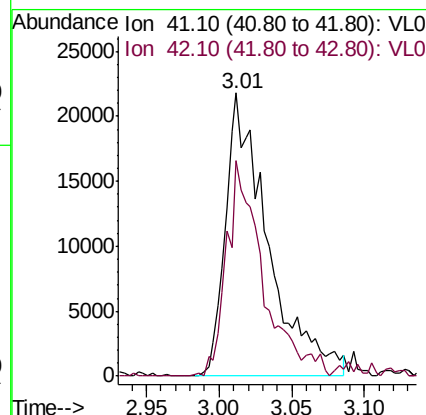
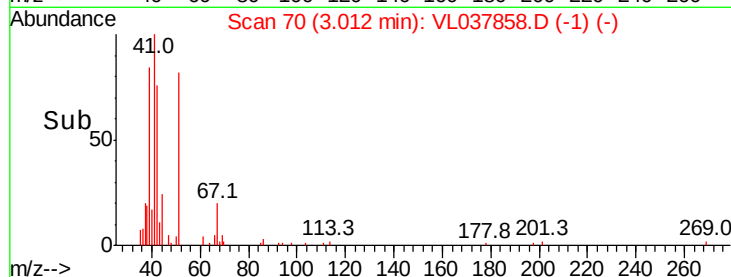
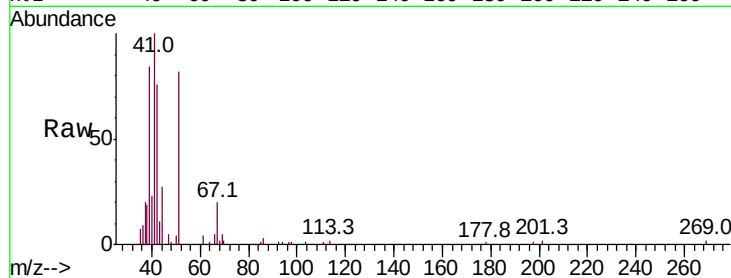
42 3.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2021



#10

Heptane

Concen: 0.389 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VL037858.D

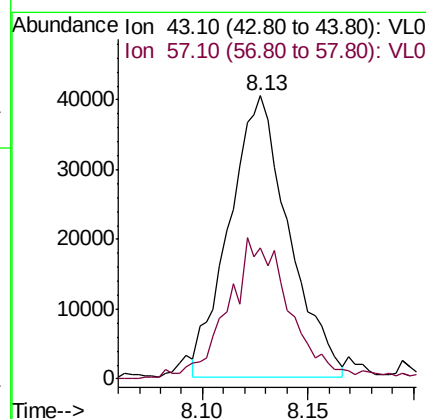
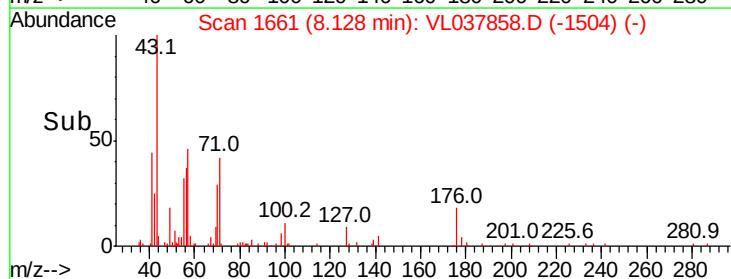
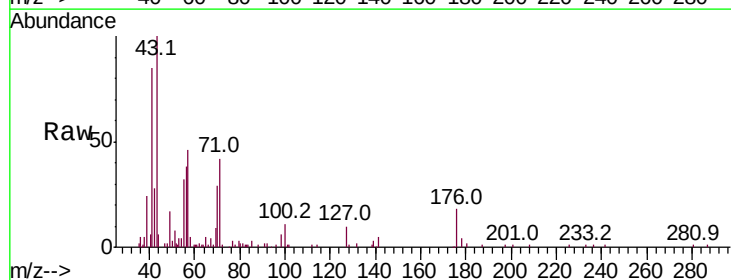
Acq: 18 Oct 2021 18:47

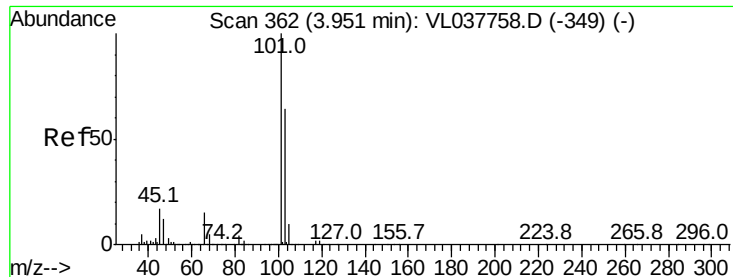
Tgt Ion: 43 Resp: 78990

Ion Ratio Lower Upper

43 100

57 53.6 40.0 60.0



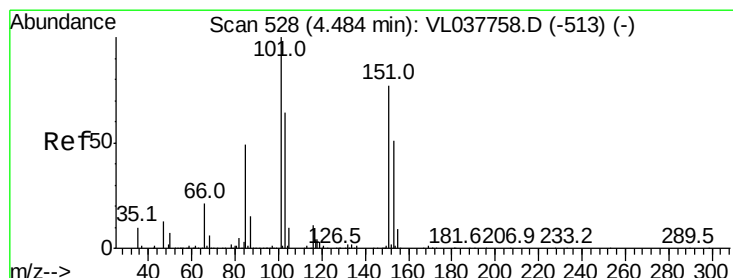
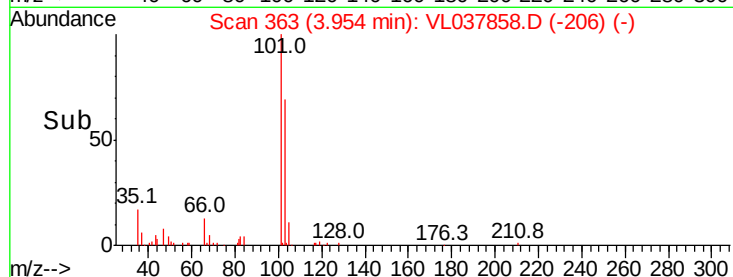
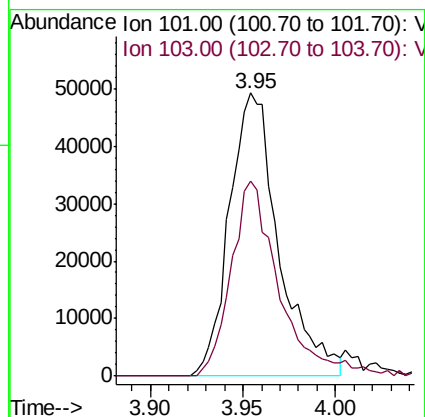
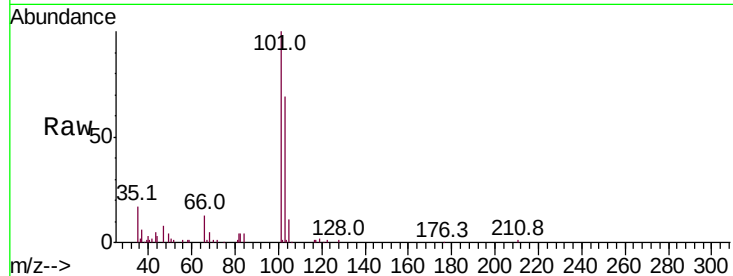


#11
 Trichlorofluoromethane
 Concen: 0.506 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT4-2021
 Acq: 18 Oct 2021 18:47

Tot Ion:1
 Ion Rati
 101 100
 103 68.

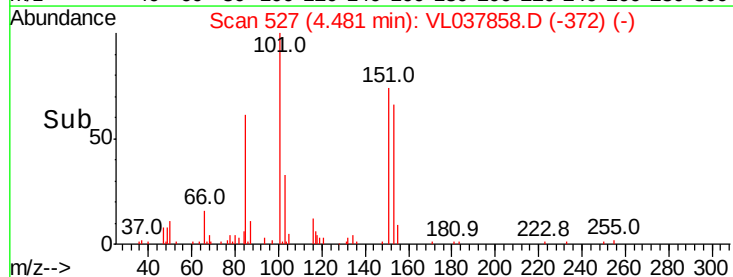
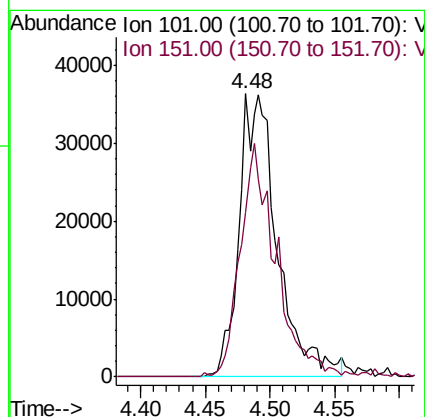
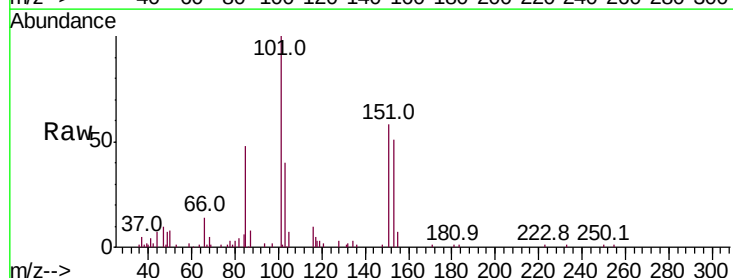
Manual Integrations
 APPROVED

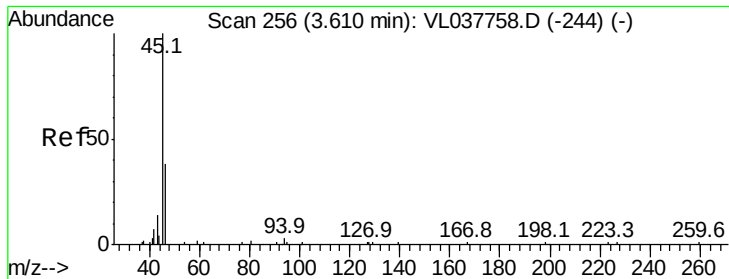
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.543 ppbv m
 RT: 4.48 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion:101 Resp: 74203
 Ion Ratio Lower Upper
 101 100
 151 78.4 62.9 94.3





#13

Ethanol

Concen: 0.608 ppbv m

RT: 3.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

45 100

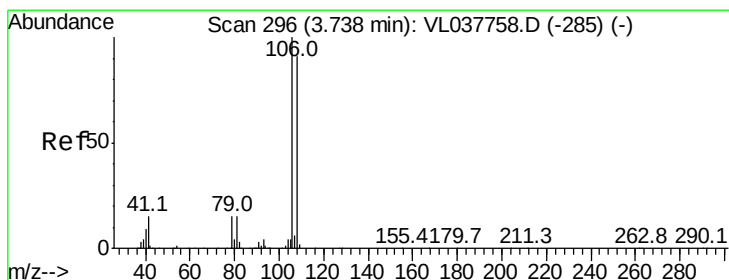
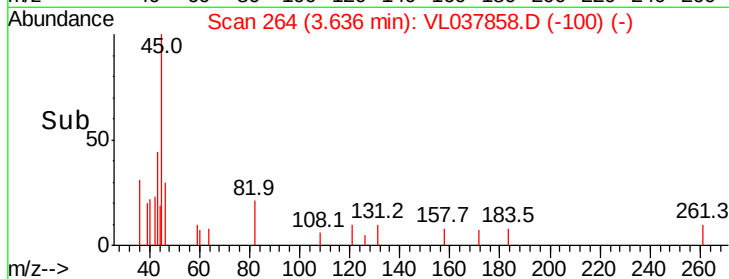
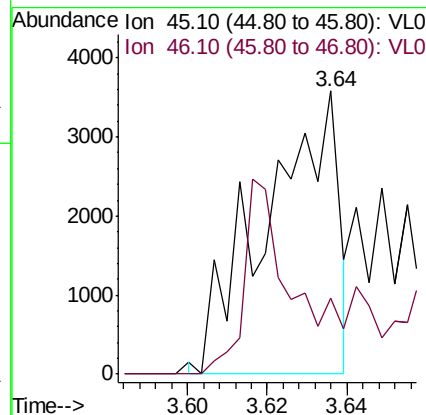
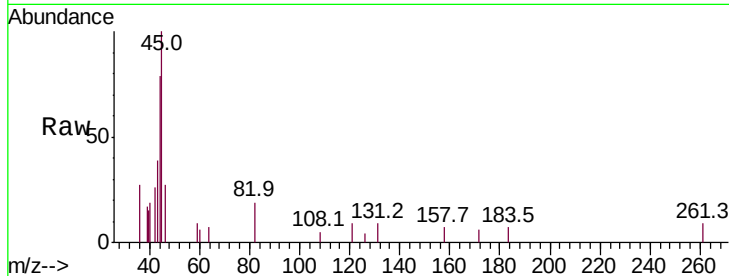
46 87.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#14

Bromoethene

Concen: 0.520 ppbv m

RT: 3.75 min Scan# 300

Delta R.T. 0.01 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

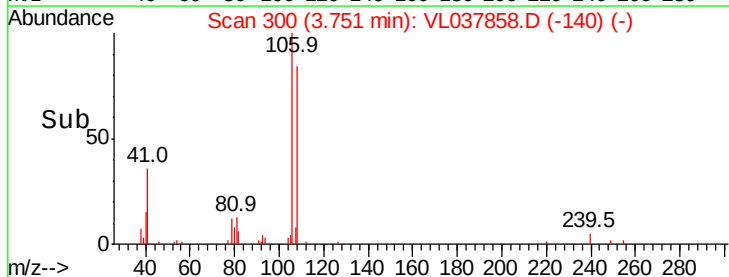
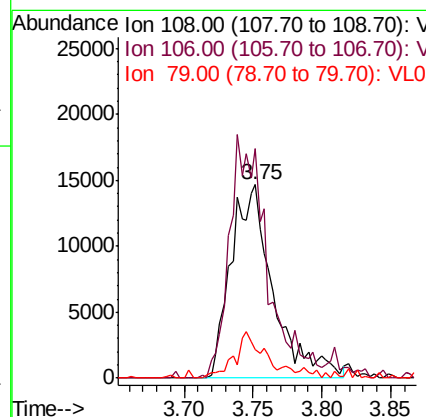
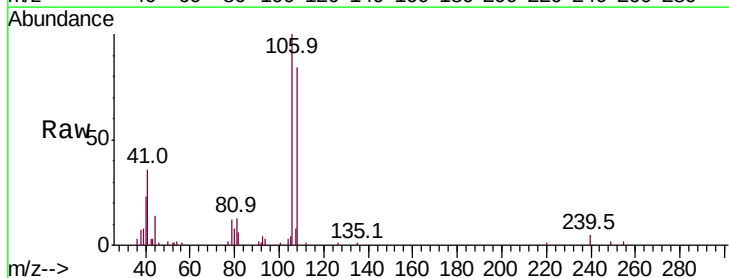
Tgt Ion:108 Resp: 31235

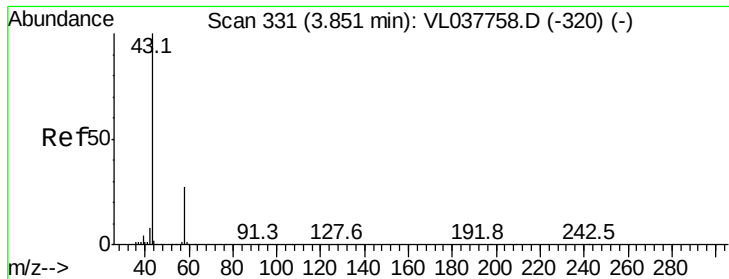
Ion Ratio Lower Upper

108 100

106 0.0 91.9 137.9#

79 19.6 13.9 20.9





#15

Acetone

Concen: 0.632 ppbv m

RT: 3.88

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Oct 2021 18:47

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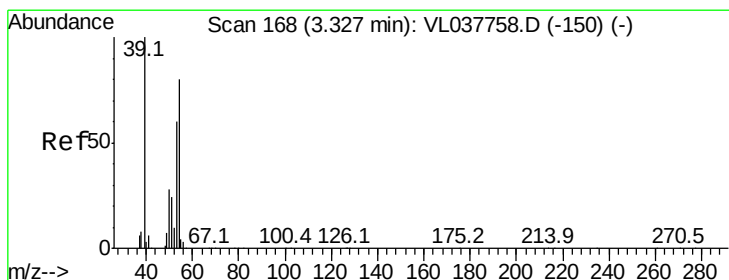
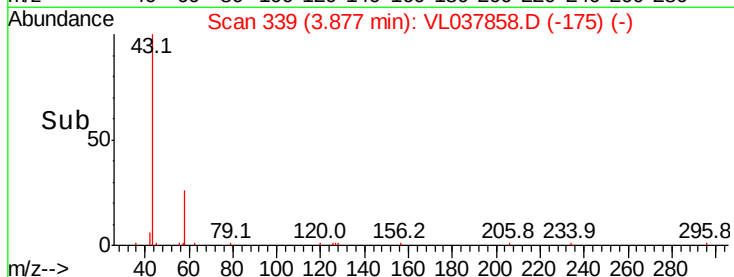
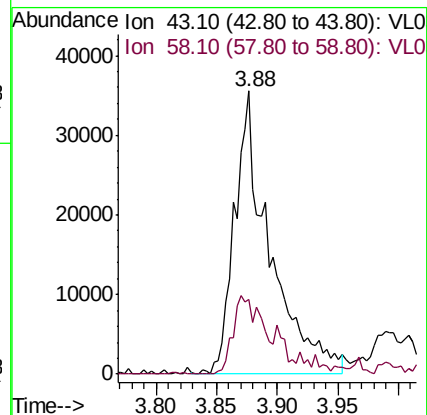
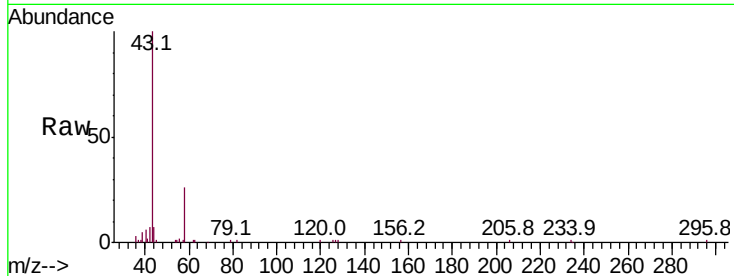
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021

Tot Ion:

Ion Ratio

43 100

58 33.



#16

1,3-Butadiene

Concen: 0.538 ppbv m

RT: 3.33 min Scan# 168

Delta R.T. 0.00 min

Lab File: VL037858.D

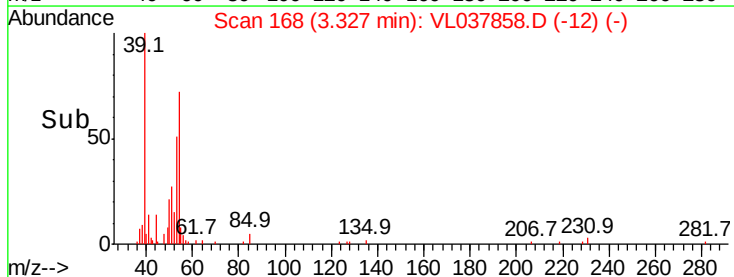
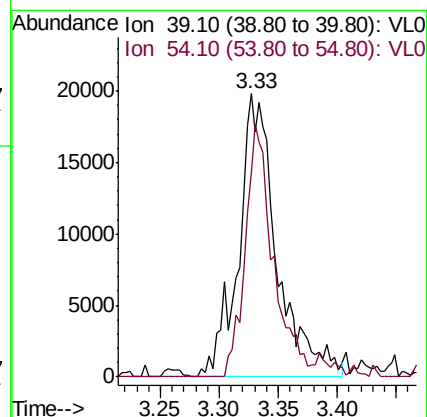
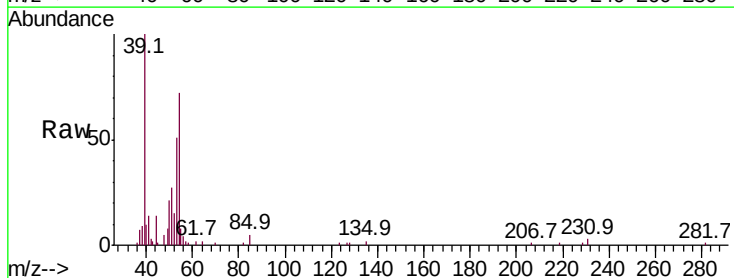
Acq: 18 Oct 2021 18:47

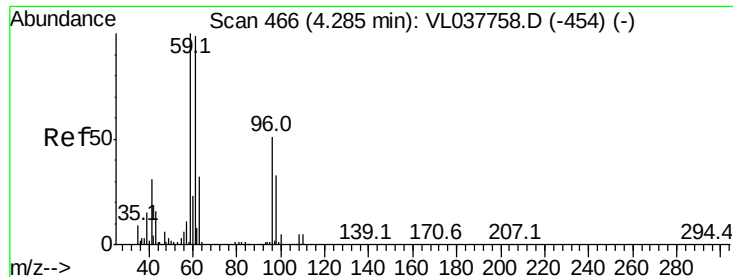
Tgt Ion: 39 Resp: 44473

Ion Ratio Lower Upper

39 100

54 0.0 61.7 92.5#





#17

tert-Butyl alcohol

Concen: 0.549 ppbv m

RT: 4.32 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

59 100

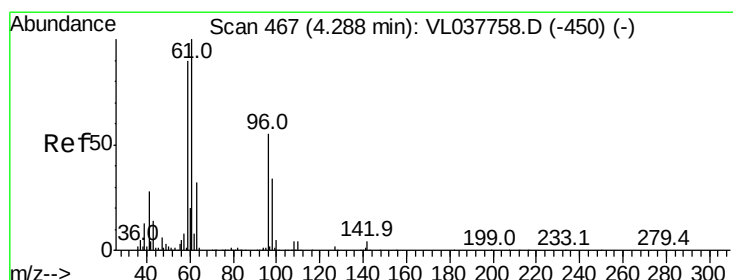
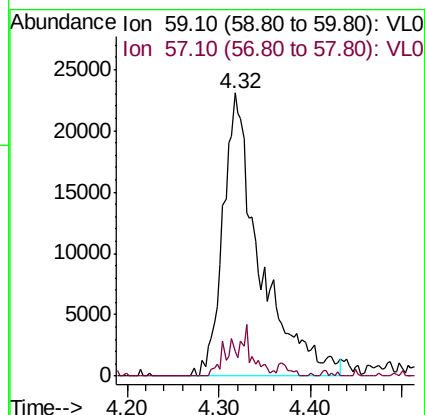
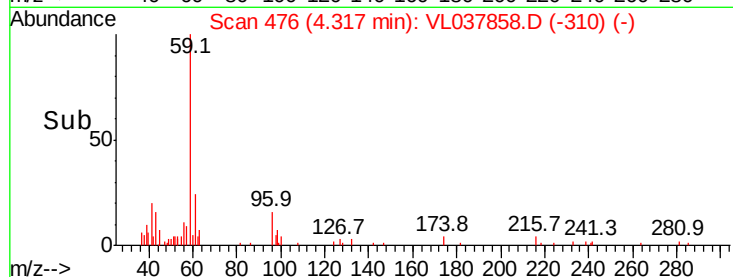
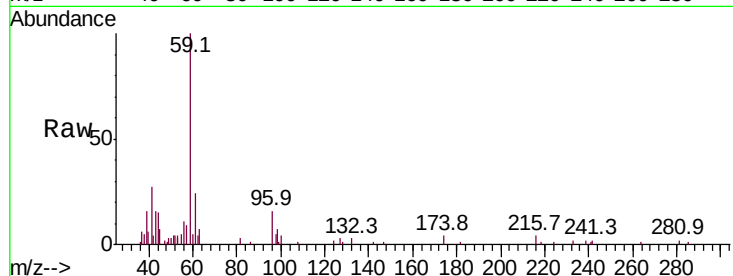
57 0.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#18

1,1-Dichloroethene

Concen: 0.572 ppbv m

RT: 4.29 min Scan# 468

Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

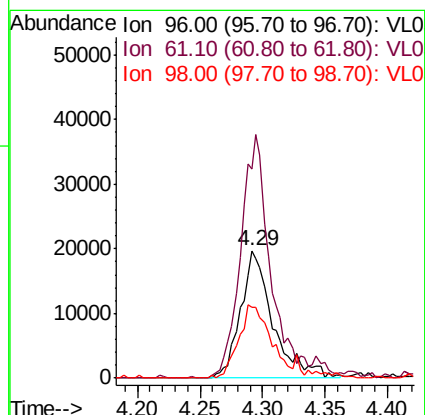
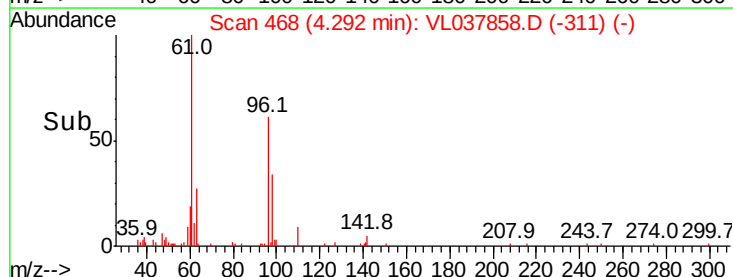
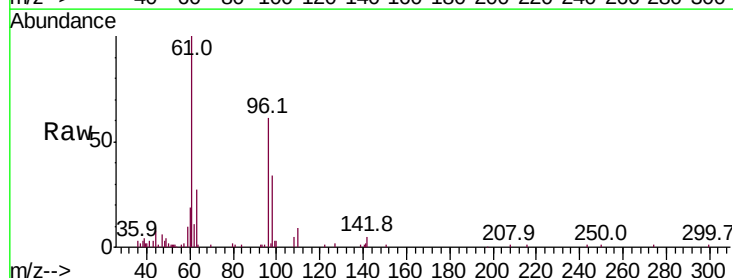
Tgt Ion: 96 Resp: 35472

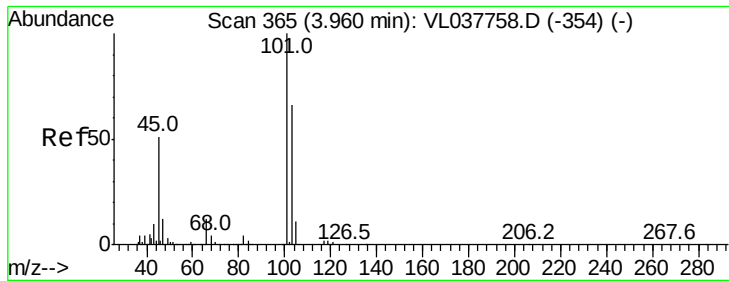
Ion Ratio Lower Upper

96 100

61 163.6 146.2 219.4

98 55.9 50.0 75.0





#19

Isopropyl Alcohol

Concen: 0.557 ppbv m

RT: 3.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

45 100

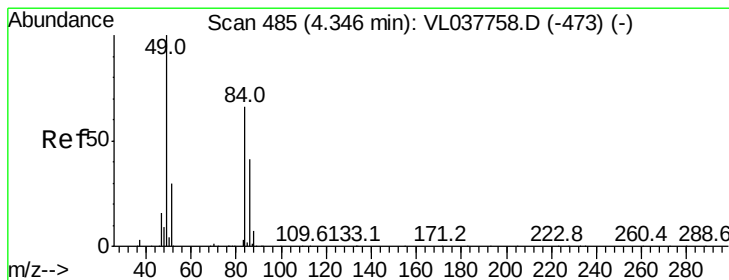
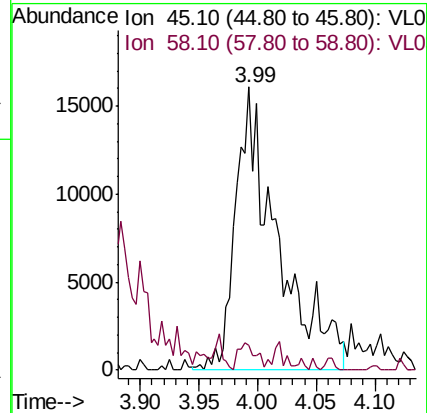
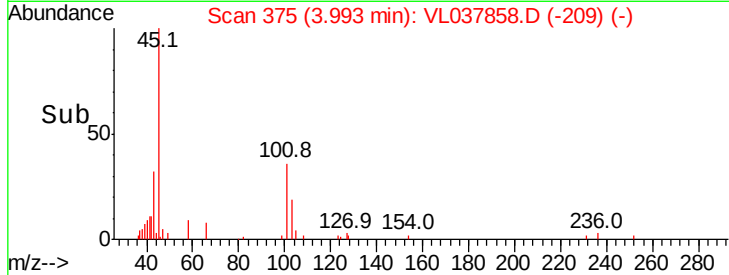
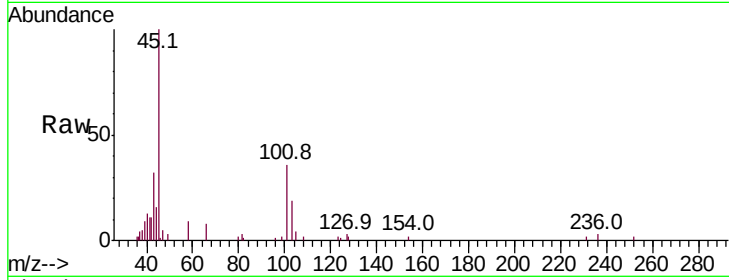
58 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#20

Methylene Chloride

Concen: 0.843 ppbv m

RT: 4.35 min Scan# 486

Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion: 84 Resp: 48328

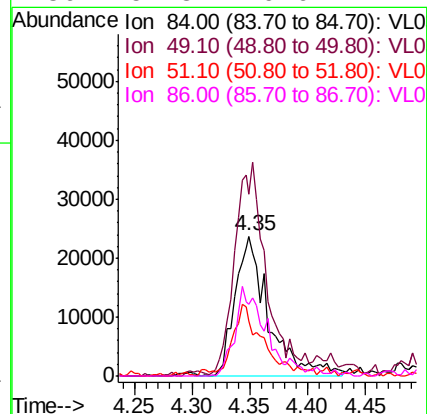
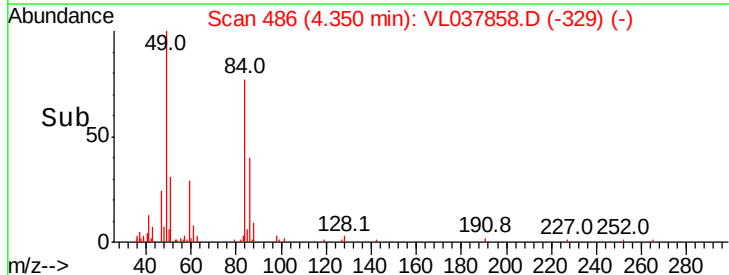
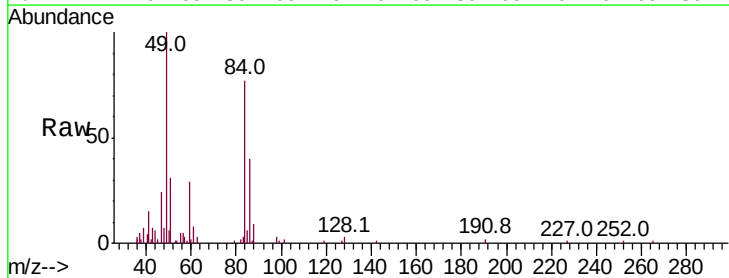
Ion Ratio Lower Upper

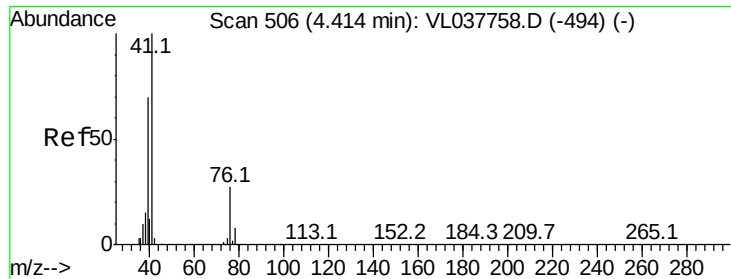
84 100

49 129.7 120.7 181.1

51 39.8 36.2 54.4

86 51.3 49.6 74.4



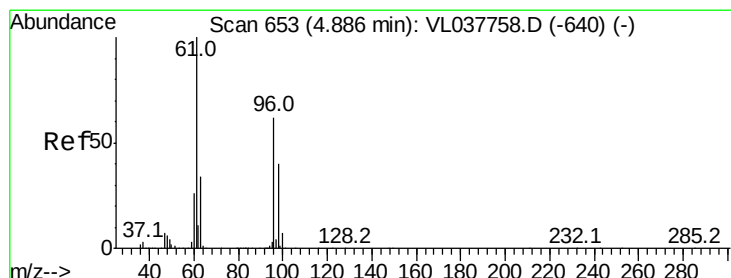
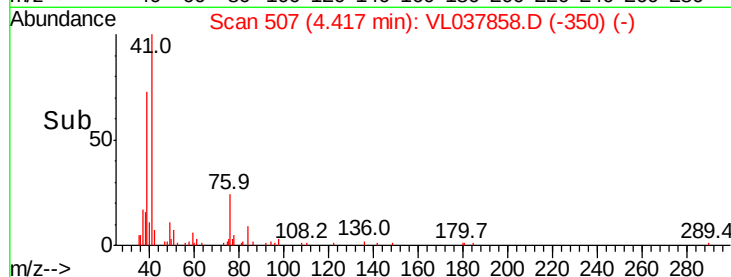
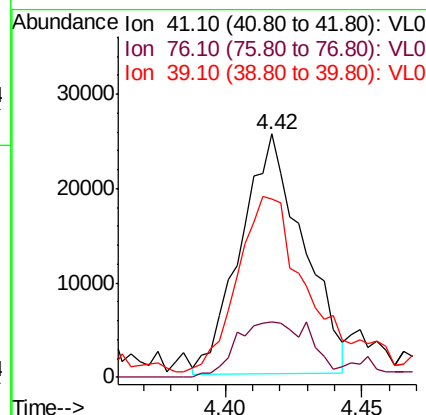
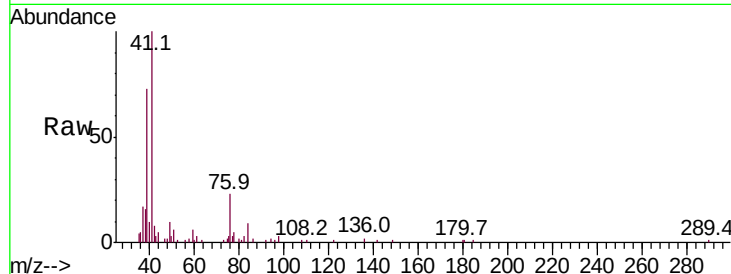


#21
 Allvl Chloride
 Concen: 0.404 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Oct 2021 18:47

Tot Ion:
 Ion Ratio
 41 100
 76 32.
 39 93.

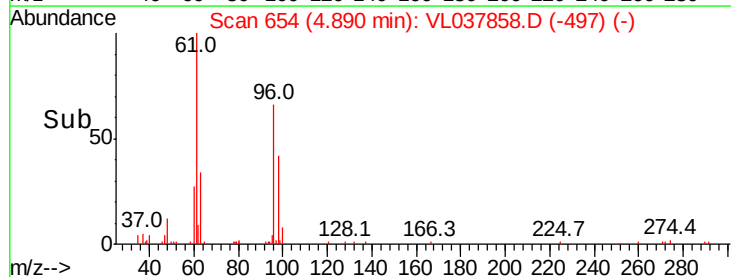
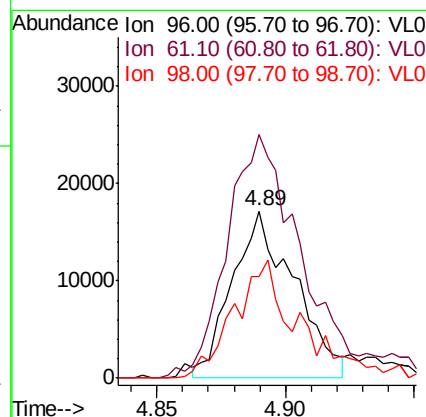
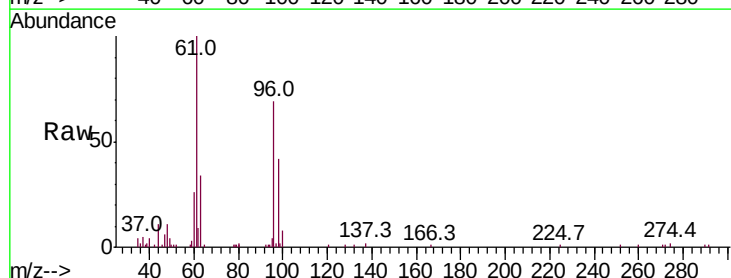
Manual Integrations
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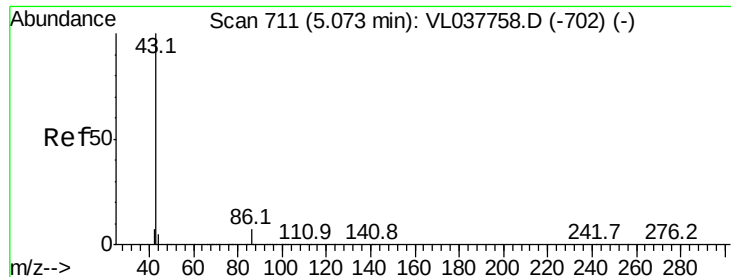
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#22
 trans-1,2-Dichloroethene
 Concen: 0.463 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion: 96 Resp: 28869
 Ion Ratio Lower Upper
 96 100
 61 148.0 129.0 193.6
 98 60.4 51.7 77.5





#23

Vinyl Acetate

Concen: 0.442 ppbv m

RT: 5.09 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

43 100

86 9.

42 11.

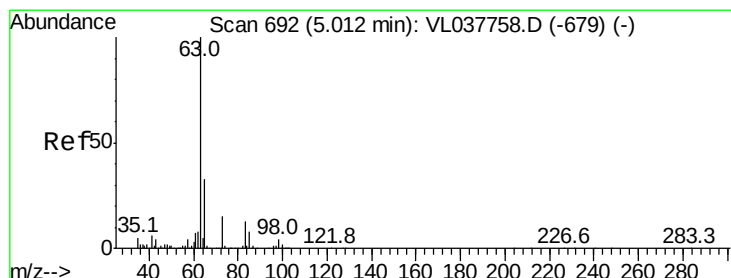
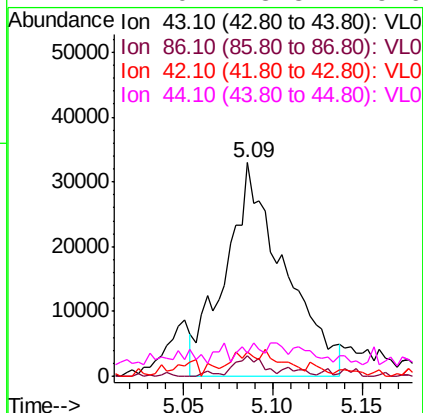
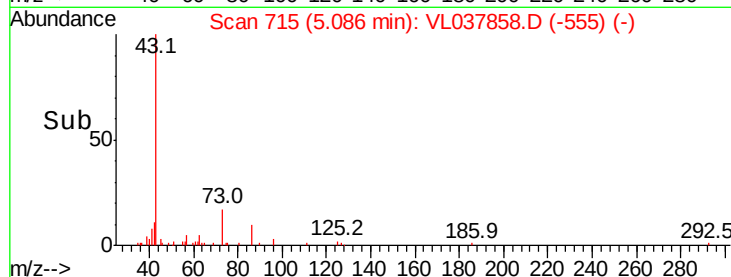
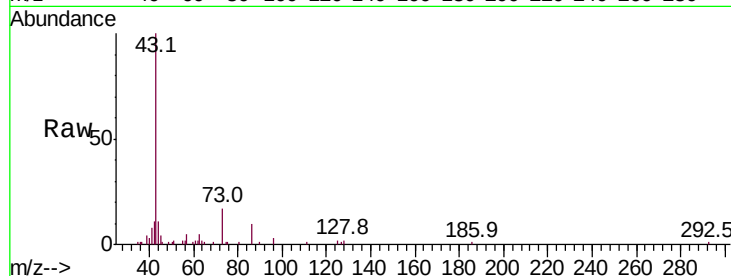
44 11.0

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: 0.552 ppbv m

RT: 5.01 min Scan# 692

Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

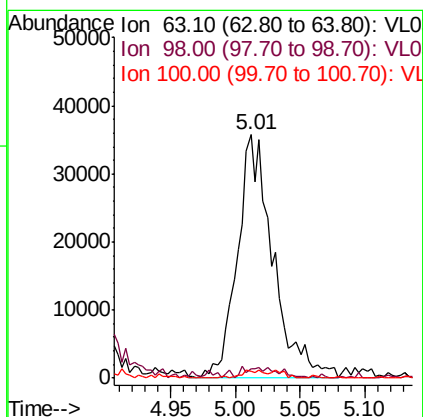
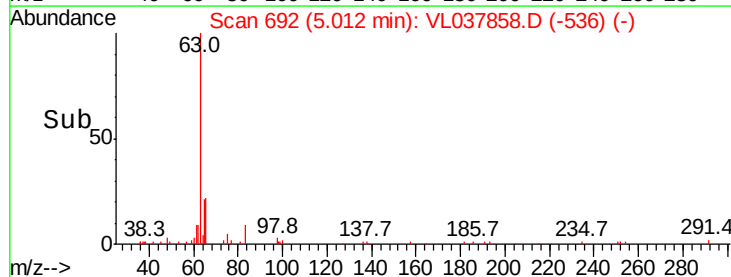
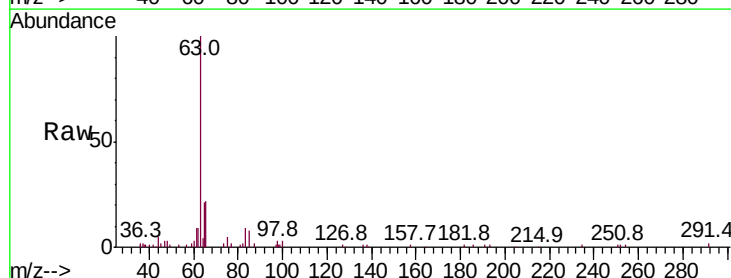
Tgt Ion: 63 Resp: 68404

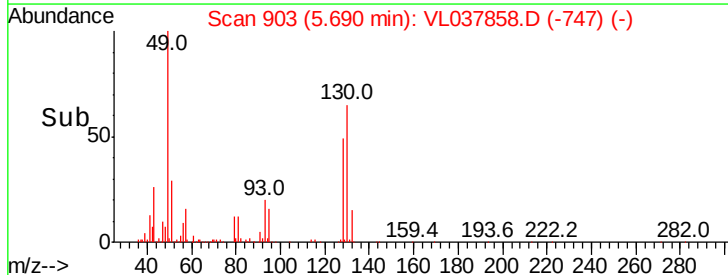
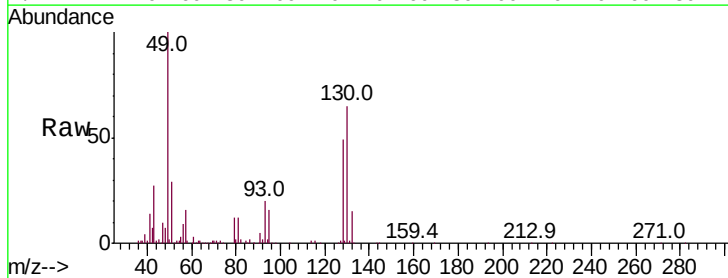
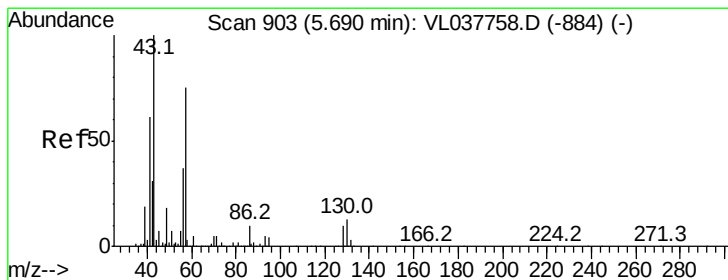
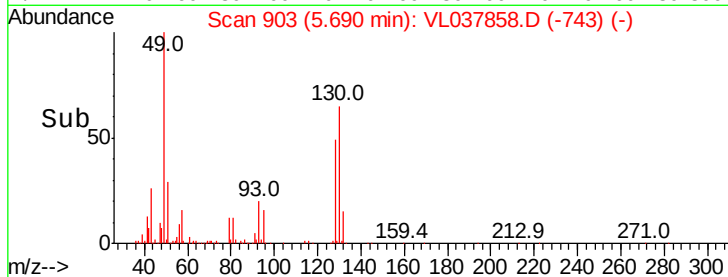
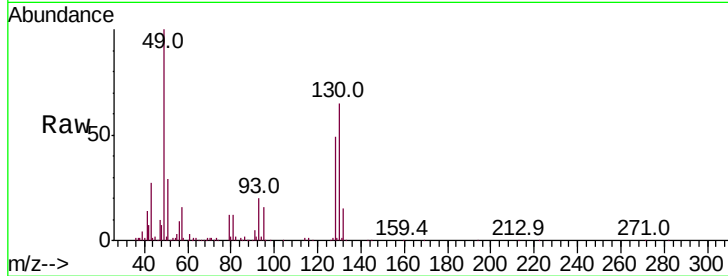
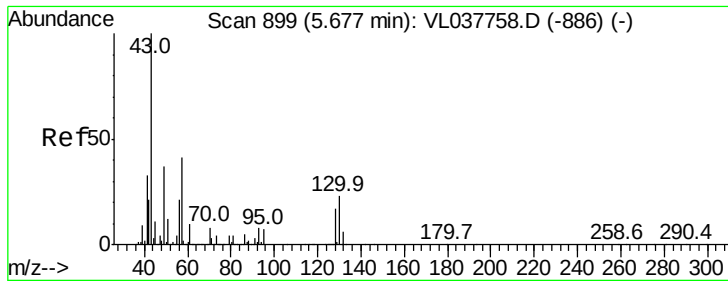
Ion Ratio Lower Upper

63 100

98 3.2 2.3 6.9

100 2.8 1.1 3.1



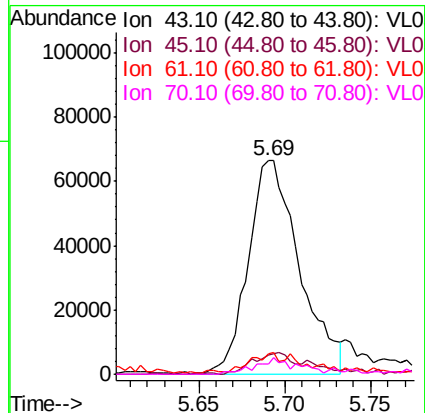


#25
Ethyl Acetate
Concen: 0.432 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Oct 2021 18:47
LOD-MDL-AIR-01-QT4-2021

Tot Ion:
Ion Ratio
43 100
45 11.
61 13.
70 8.3 5.9 8.9

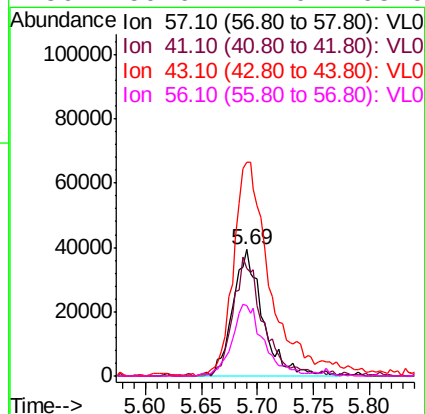
Manual Integrations
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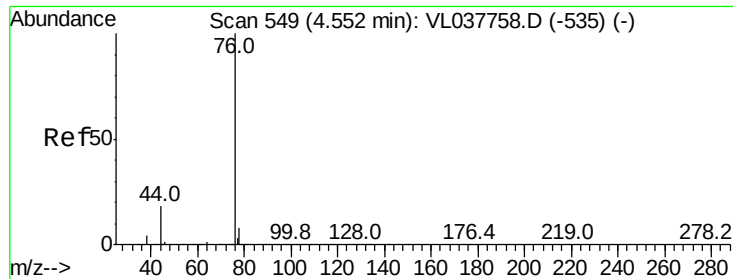
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#26
Hexane
Concen: 0.467 ppbv m
RT: 5.69 min Scan# 903
Delta R.T. 0.00 min
Lab File: VL037858.D
Acq: 18 Oct 2021 18:47

Tgt Ion: 57 Resp: 73222
Ion Ratio Lower Upper
57 100
41 95.8 69.6 104.4
43 214.0 171.4 257.0
56 59.6 42.0 63.0





#27

Carbon Disulfide

Concen: 0.409 ppbv

RT: 4.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Oct 2021 18:47

Tot Ion:

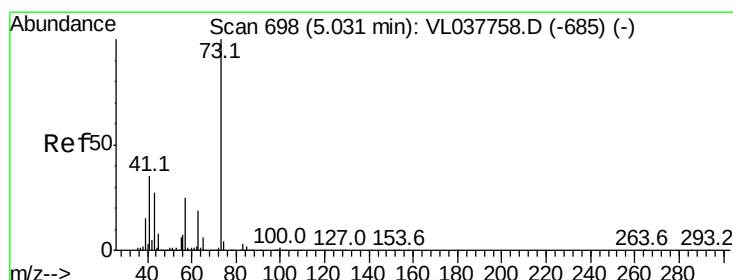
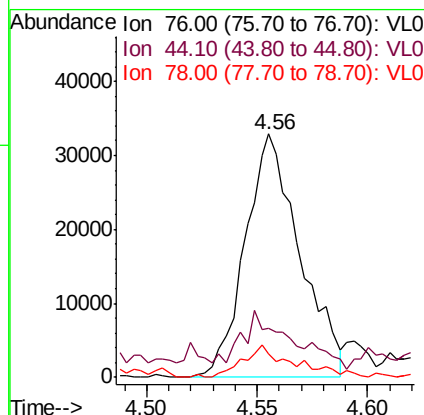
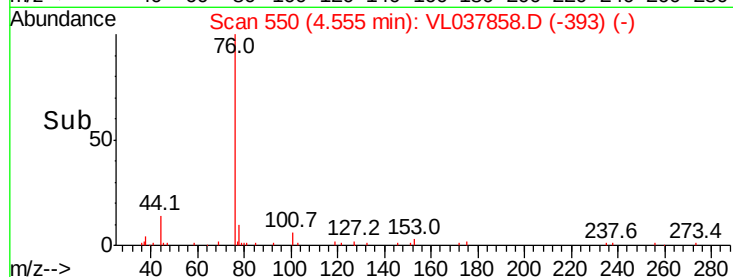
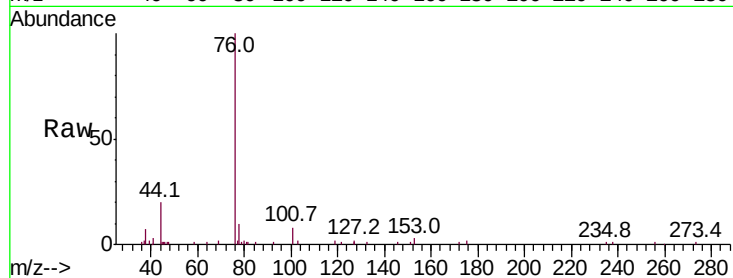
Ion	Ratio
76	100
44	25.
78	12.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#28

Methyl tert-Butyl Ether

Concen: 0.452 ppbv

RT: 5.05 min Scan# 704

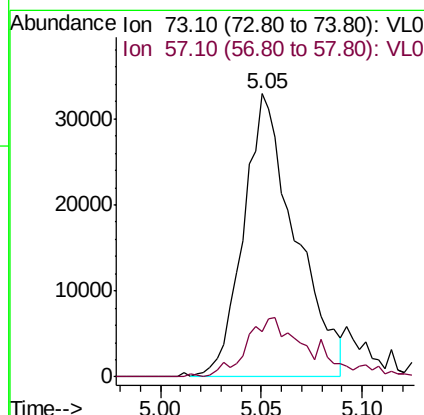
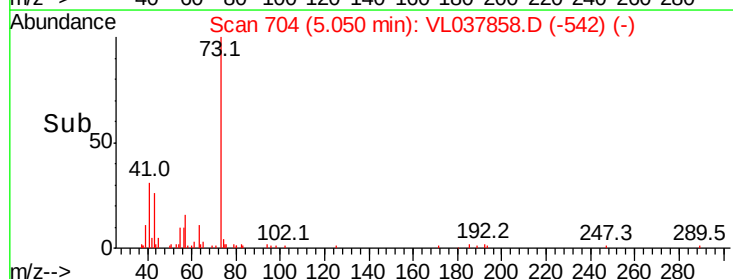
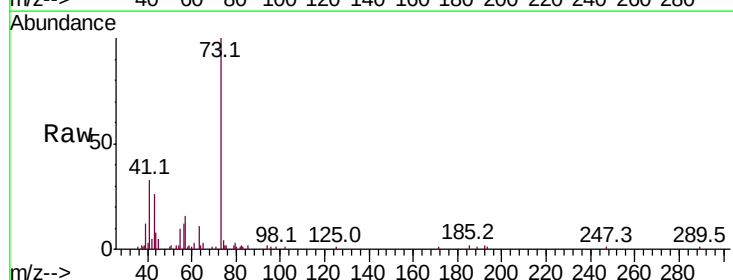
Delta R.T. 0.02 min

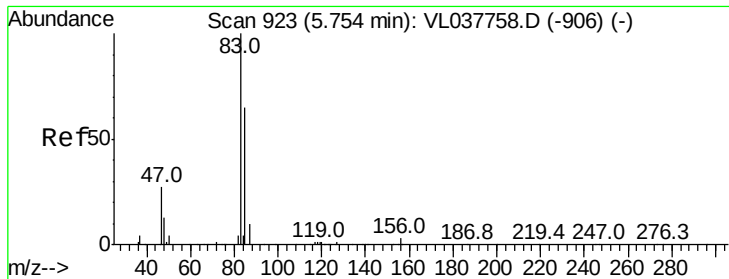
Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion: 73 Resp: 59041

Ion	Ratio	Lower	Upper
73	100		
57	26.8	20.4	30.6



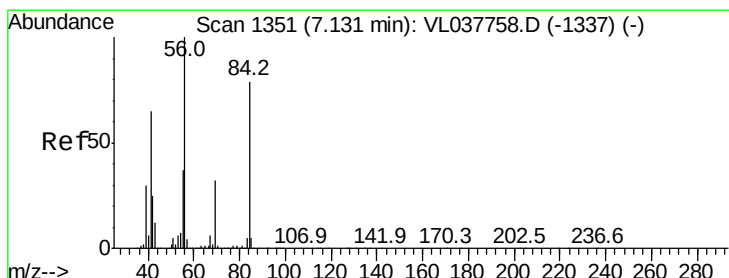
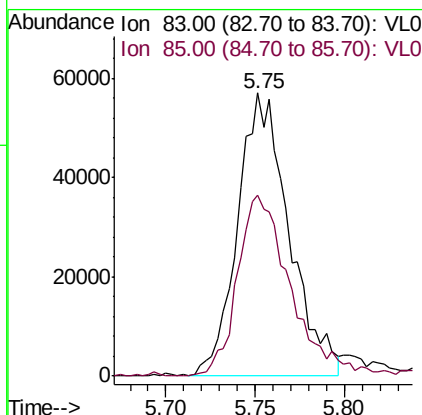
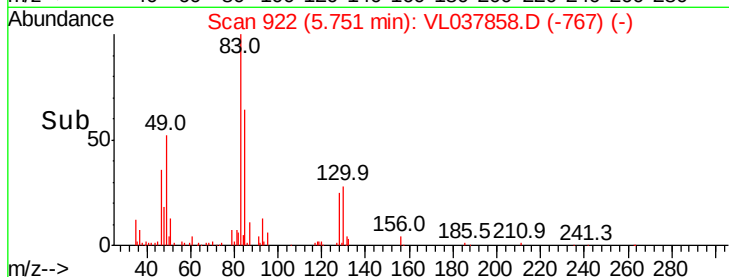
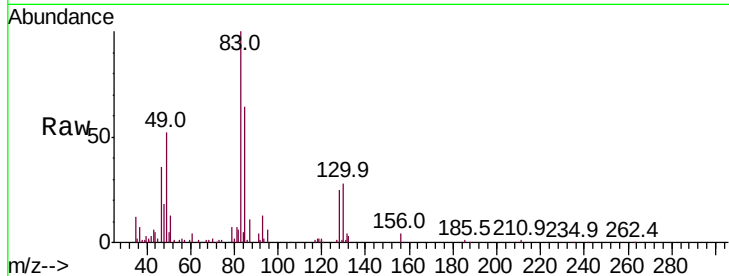


#29
Chloroform
Concen: 0.513 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Oct 2021 18:47

Tot Ion:
Ion Ratio
83 100
85 63.

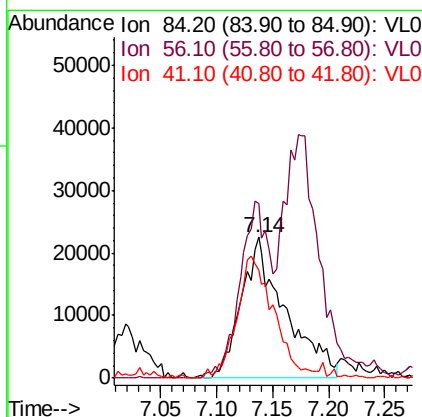
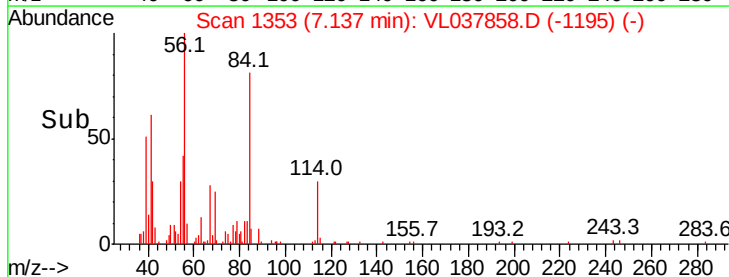
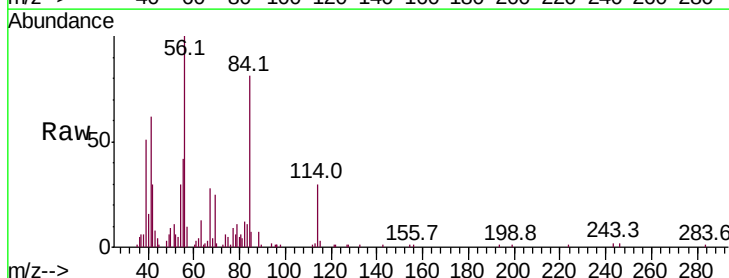
Manual Integrations
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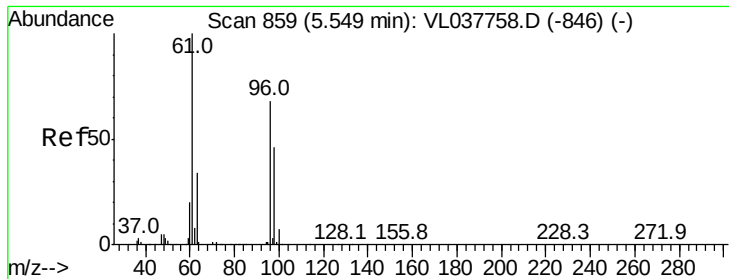
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#30
Cyclohexane
Concen: 0.463 ppbv m
RT: 7.14 min Scan# 1353
Delta R.T. 0.01 min
Lab File: VL037858.D
Acq: 18 Oct 2021 18:47

Tgt Ion: 84 Resp: 61537
Ion Ratio Lower Upper
84 100
56 76.5 113.0 169.4#
41 72.2 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 0.428 ppbv m

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

61 100

96 72.

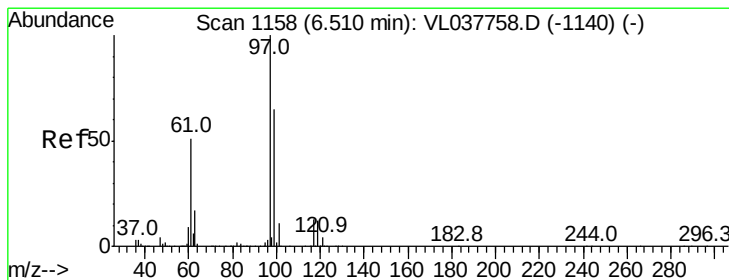
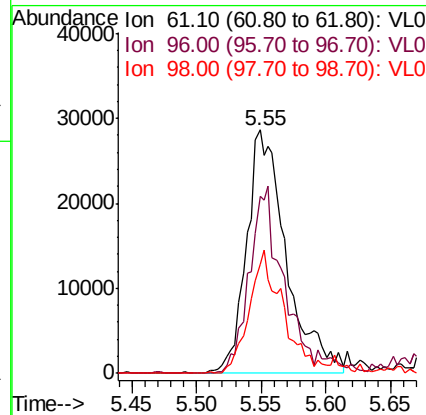
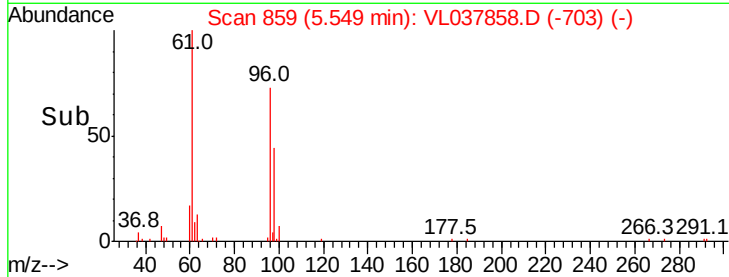
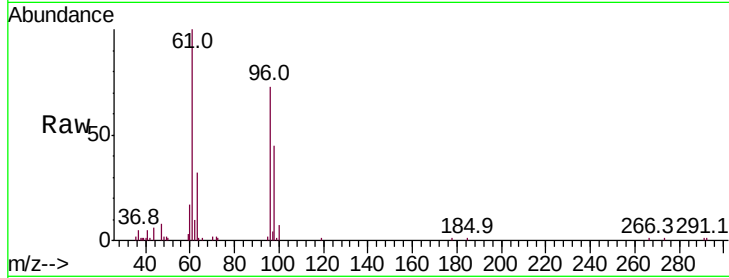
98 44.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#32

1,1,1-Trichloroethane

Concen: 0.494 ppbv m

RT: 6.51 min Scan# 1158

Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

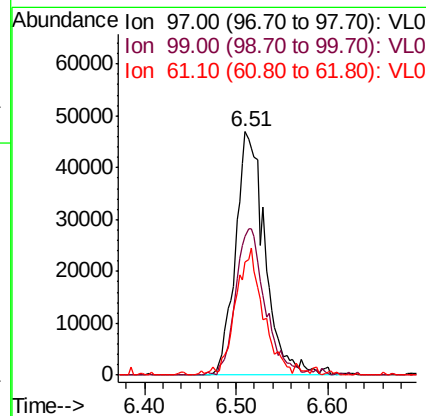
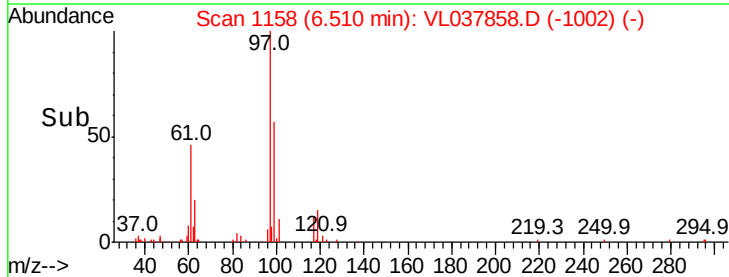
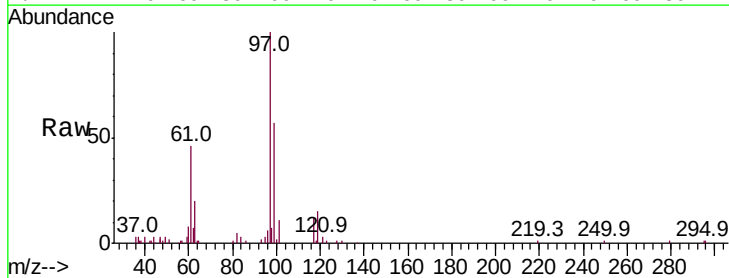
Tgt Ion: 97 Resp: 104902

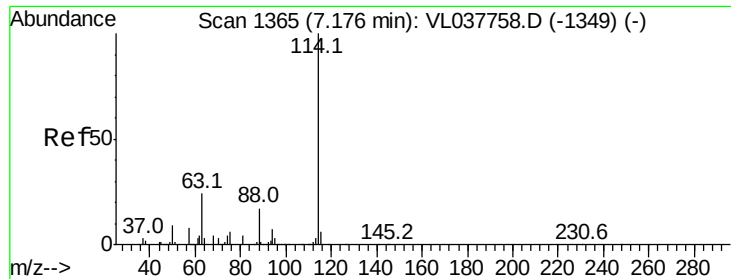
Ion Ratio Lower Upper

97 100

99 60.8 52.6 78.8

61 51.4 40.2 60.4



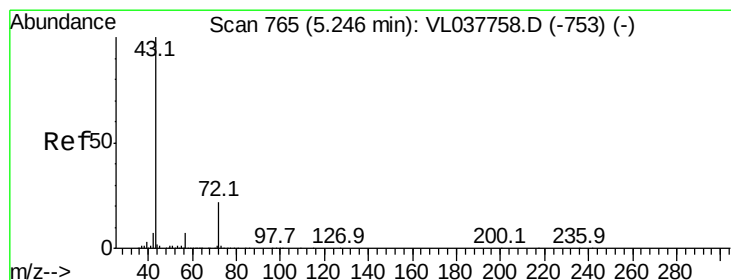
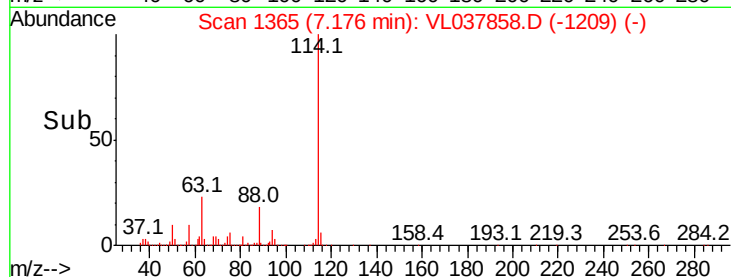
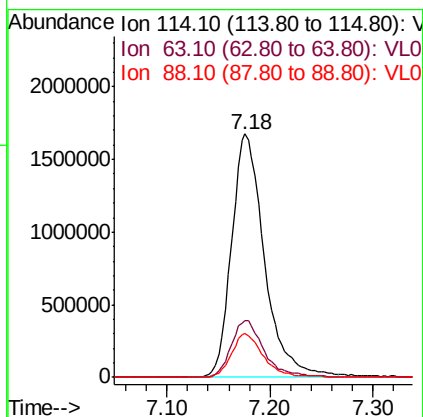
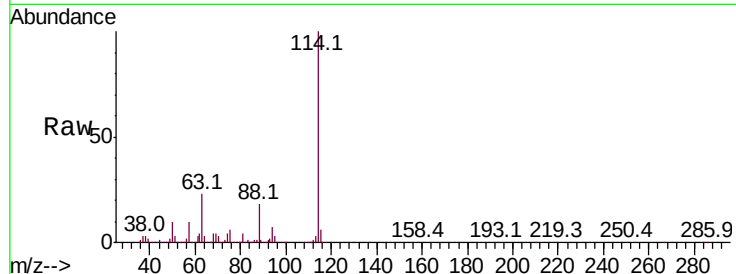


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Oct 2021 18:47

Tot Ion:1
 Ion Rati
 114 100
 63 23.
 88 17.

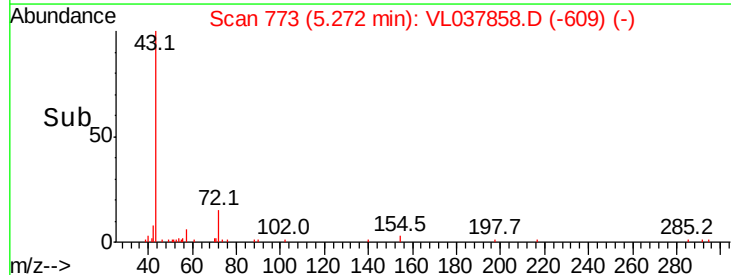
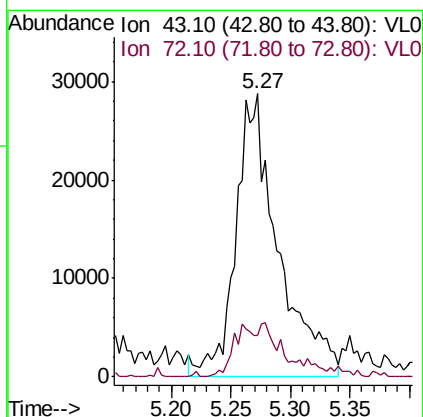
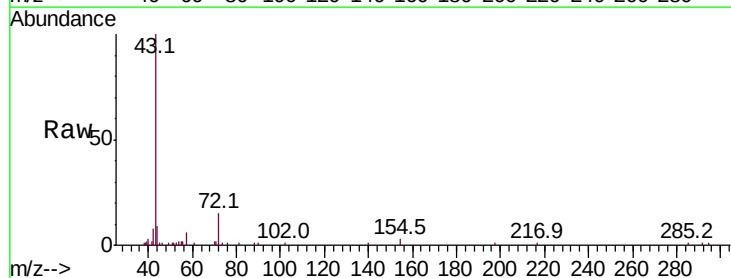
Manual Integrations
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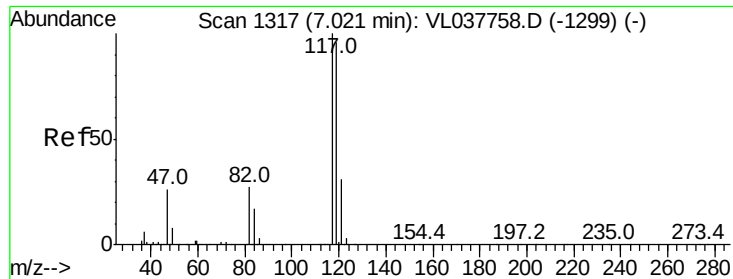
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#34
 2-Butanone
 Concen: 0.474 ppbv m
 RT: 5.27 min Scan# 773
 Delta R.T. 0.03 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion: 43 Resp: 71113
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.2 27.2#





#35

Carbon Tetrachloride

Concen: 0.475 ppbv m

RT: 7.02 Instrument:

Delta R.T. MSVOA_L

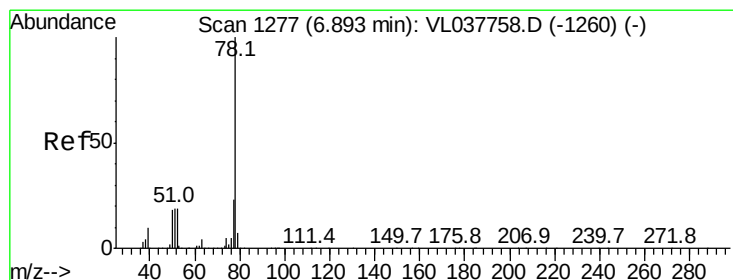
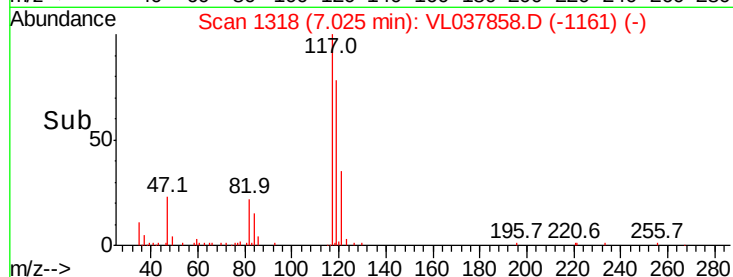
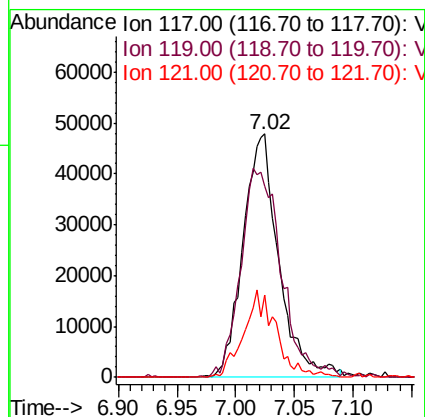
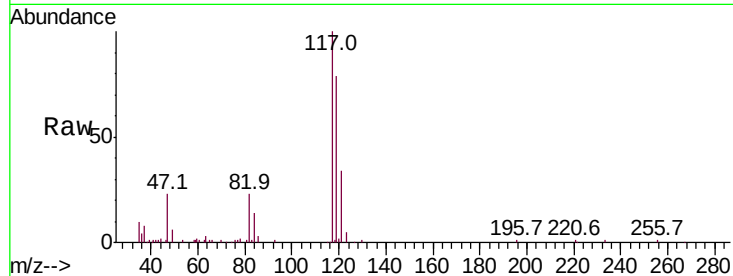
Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:1
Ion Rati
117 100
119 78.
121 33.

Manual Integrations
APPROVED

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



#36

Benzene

Concen: 0.422 ppbv m

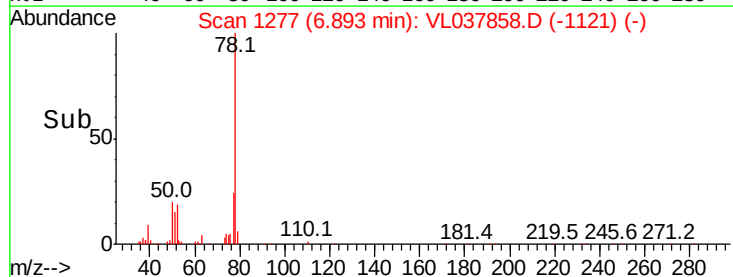
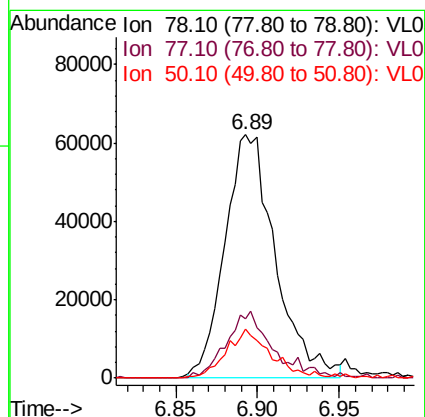
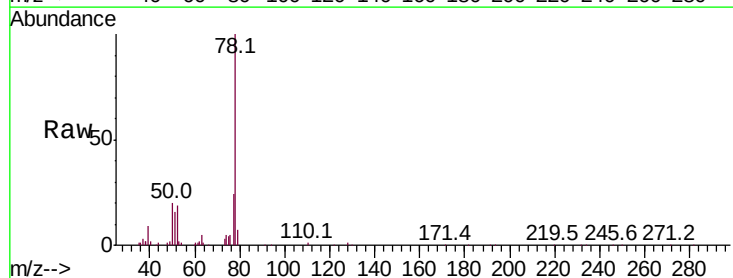
RT: 6.89 min Scan# 1277

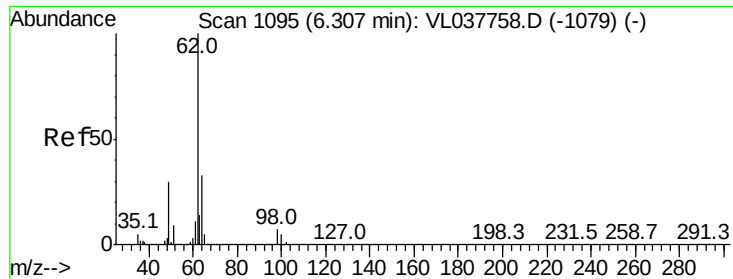
Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion: 78 Resp: 133853
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2
50 19.9 14.7 22.1



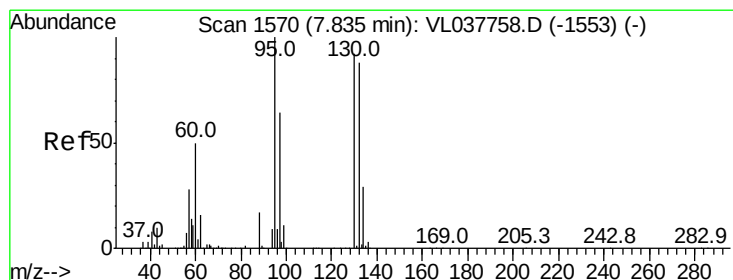
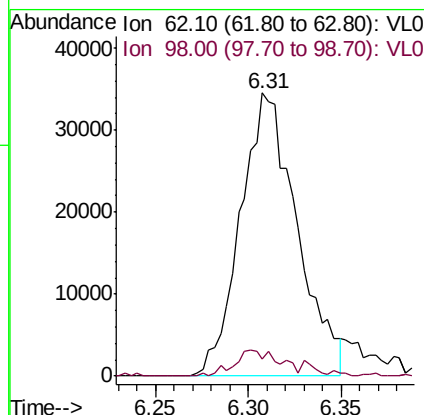
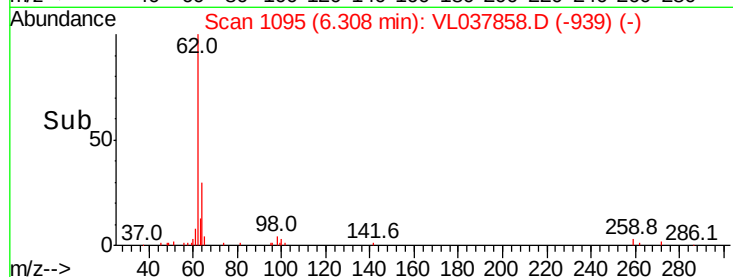
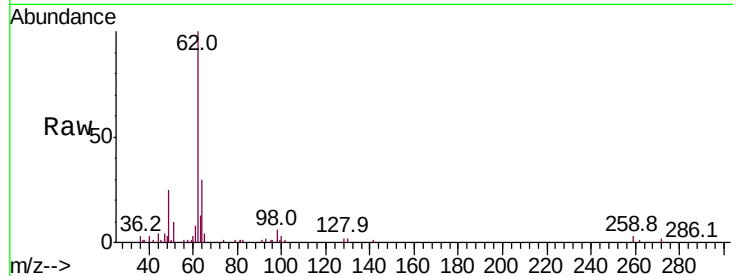


#37
 1,2-Dichloroethane
 Concen: 0.489 ppbv
 RT: 6.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Oct 2021 18:47

Tot Ion:
 Ion Ratio
 62 100
 98 9.

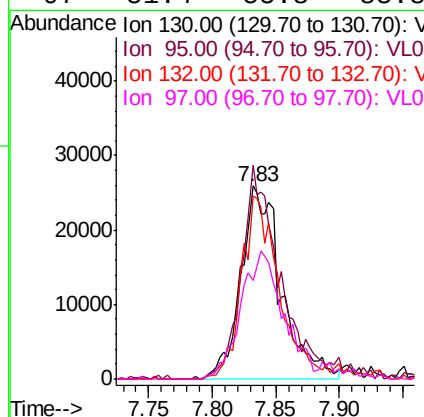
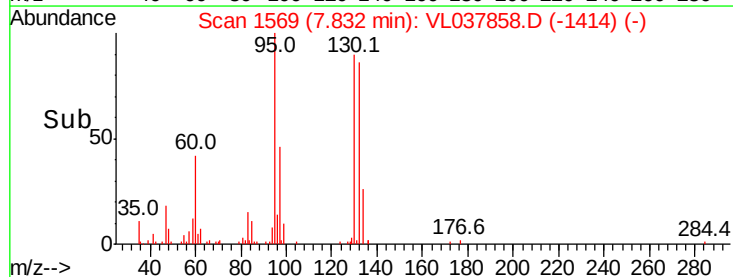
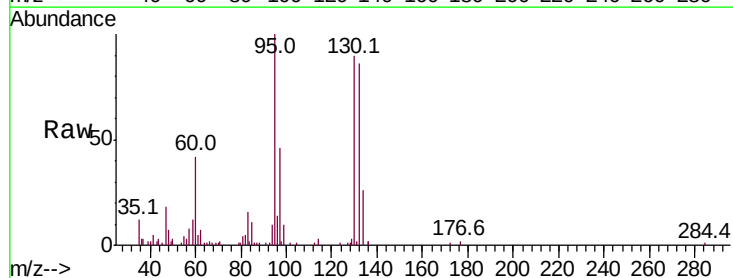
Manual Integrations
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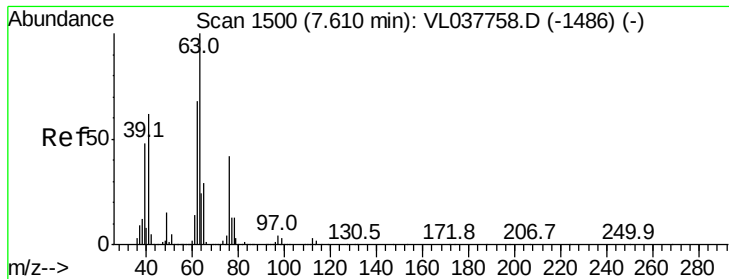
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#38
 Trichloroethene
 Concen: 0.454 ppbv m
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion:130 Resp: 56867
 Ion Ratio Lower Upper
 130 100
 95 110.8 87.4 131.0
 132 95.3 76.8 115.2
 97 51.4 55.8 83.8#





#39

1,2-Dichloropropane

Concen: 0.471 ppbv m

RT: 7.62 Instrument:

Delta R.T. MSVOA_L

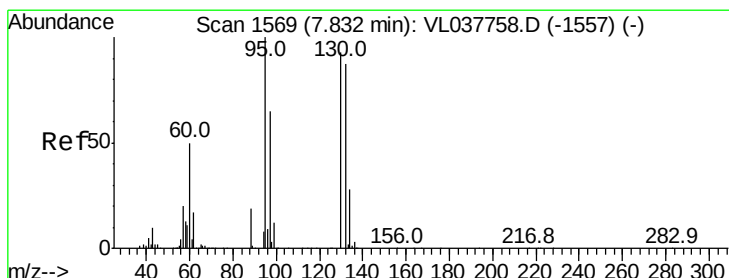
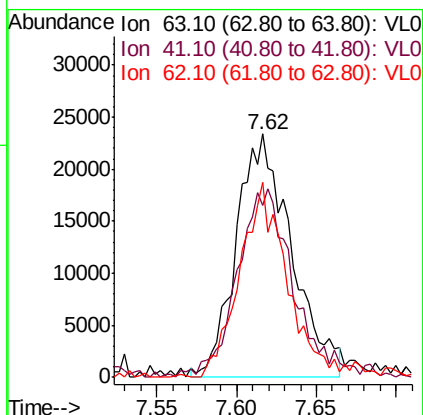
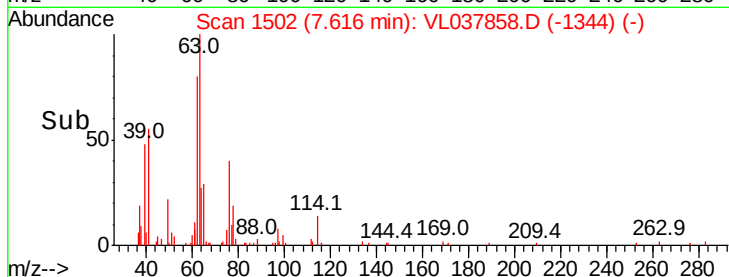
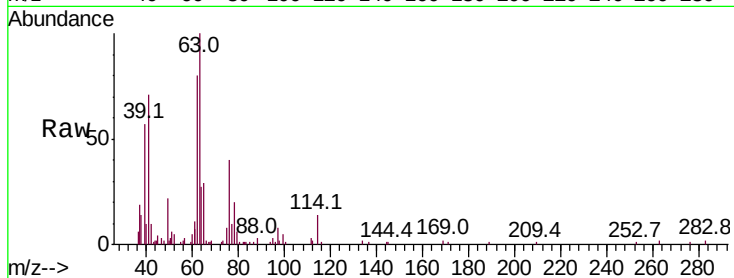
Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:
Ion Ratio
63 100
41 70.
62 80.

Manual Integrations
APPROVED

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



#40

1,4-Dioxane

Concen: 0.496 ppbv m

RT: 7.87 min Scan# 1580

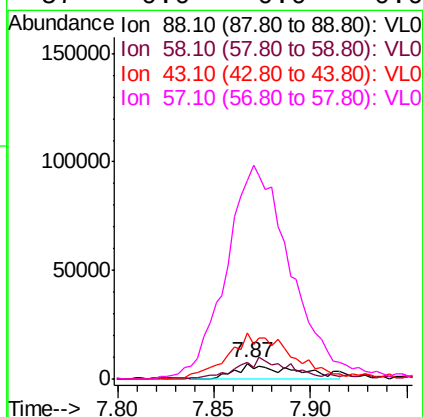
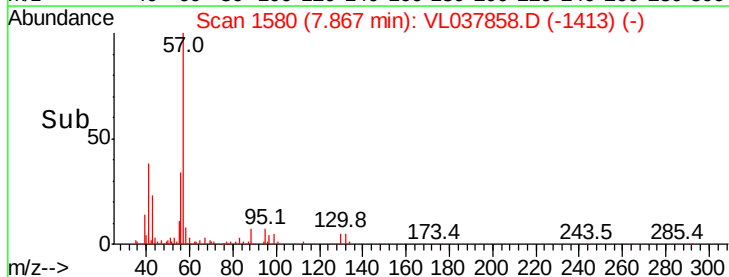
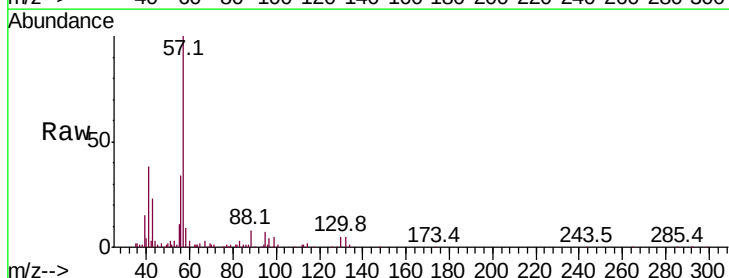
Delta R.T. 0.04 min

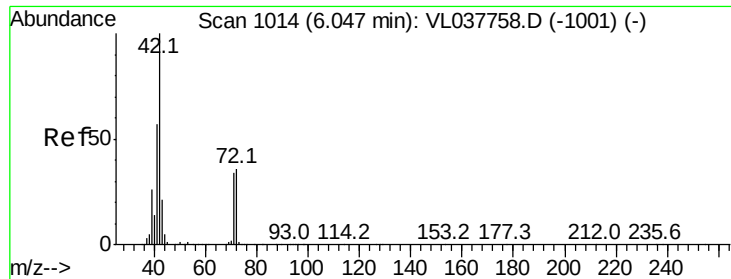
Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion: 88 Resp: 14800

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: 0.313 ppbv m

RT: 6.09 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

42 100

72 0.

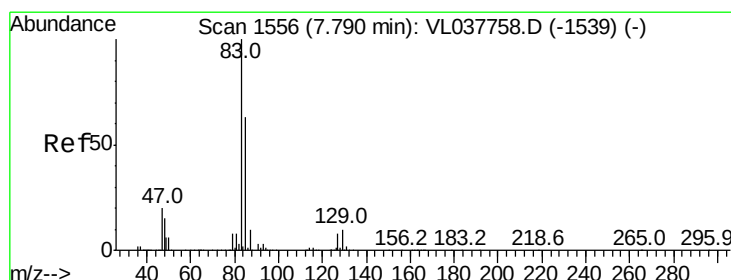
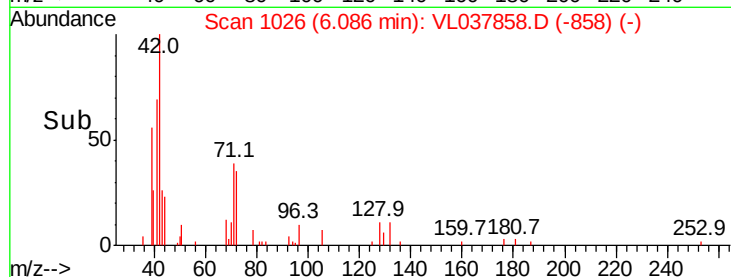
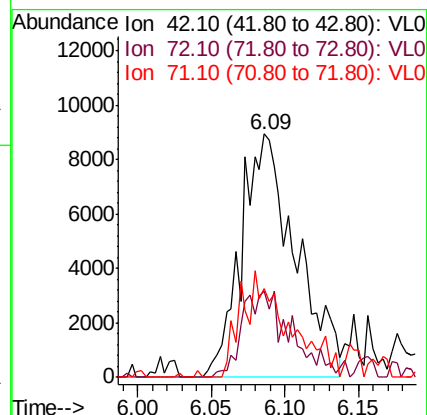
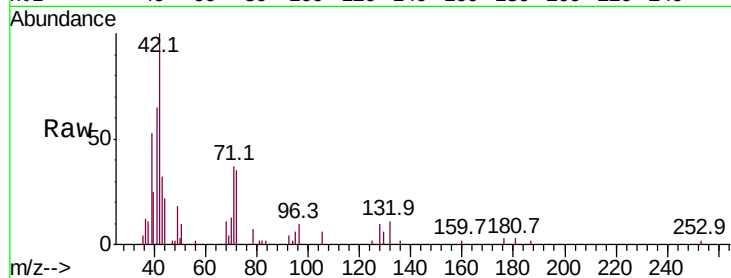
71 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#42

Bromodichloromethane

Concen: 0.480 ppbv m

RT: 7.80 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

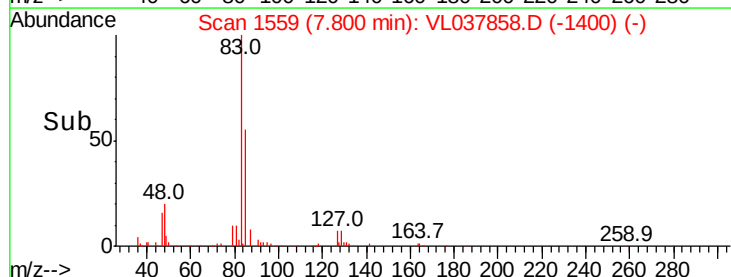
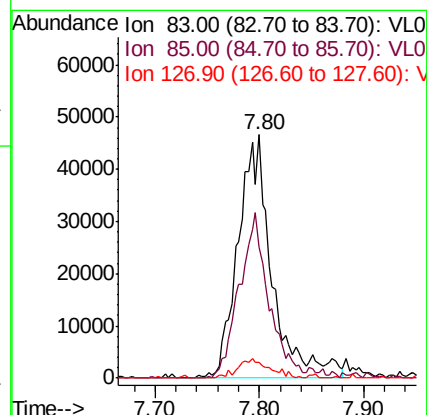
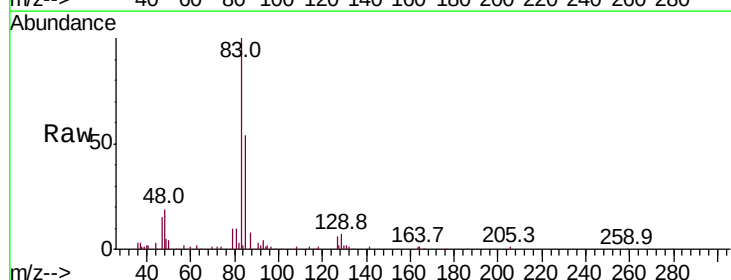
Tgt Ion: 83 Resp: 105262

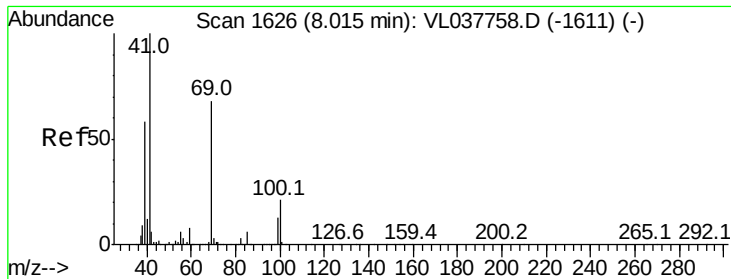
Ion Ratio Lower Upper

83 100

85 53.9 50.6 75.8

127 6.4 6.2 9.4





#43

Methyl Methacrylate

Concen: 0.305 ppbv m

RT: 8.03 Instrument:

Delta R.T. MSVOA_1

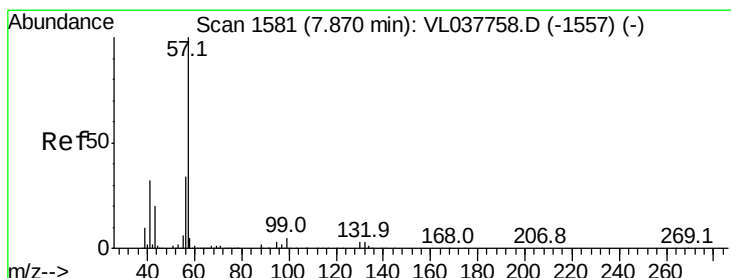
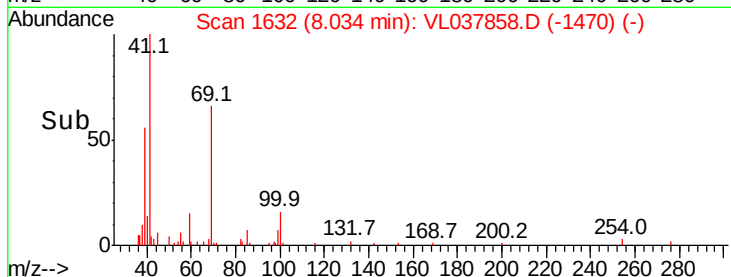
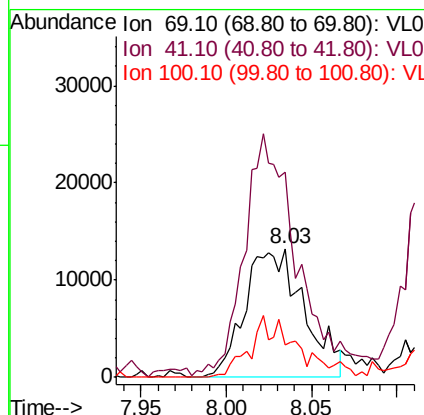
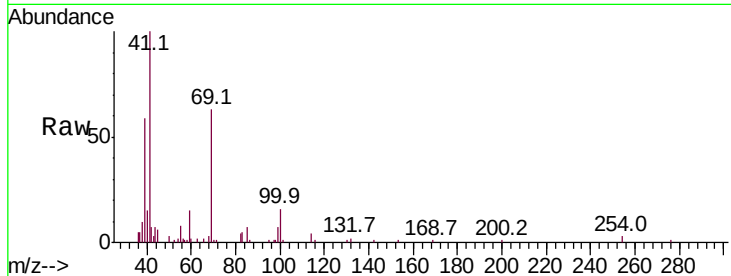
Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:
Ion Ratio
69 100
41 172.
100 38.

Manual Integrations
APPROVED

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



#44

2,2,4-Trimethylpentane

Concen: 0.433 ppbv

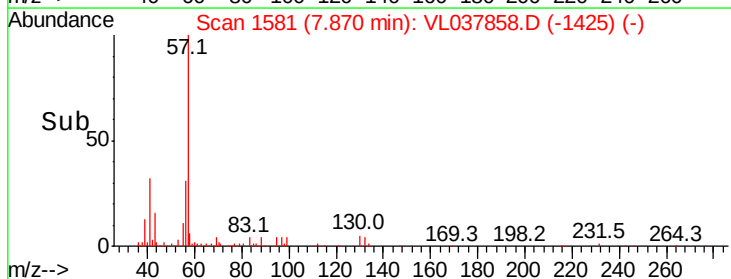
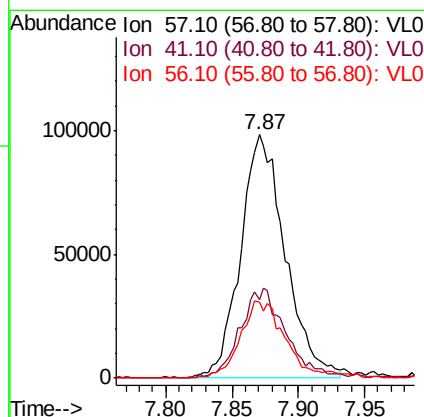
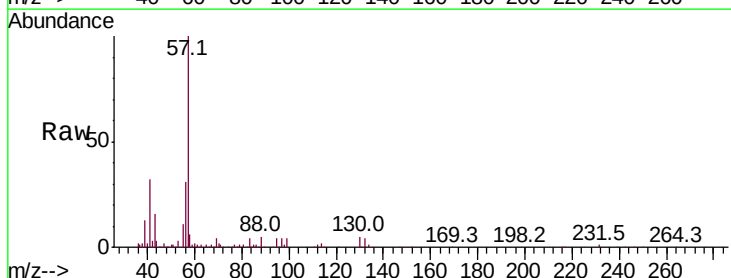
RT: 7.87 min Scan# 1581

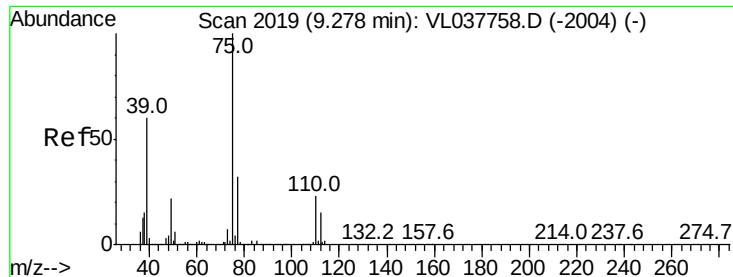
Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion: 57 Resp: 230769
Ion Ratio Lower Upper
57 100
41 38.1 25.6 38.4
56 32.7 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 0.315 ppbv m

RT: 9.29 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

75 100

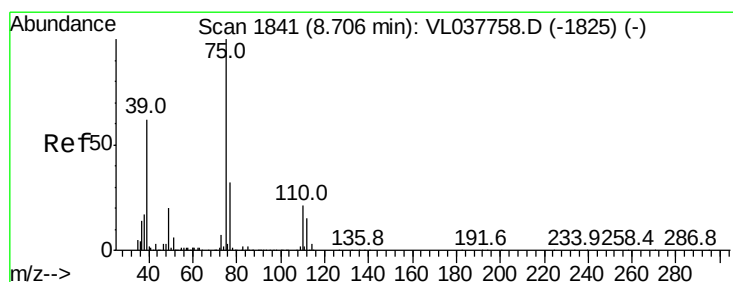
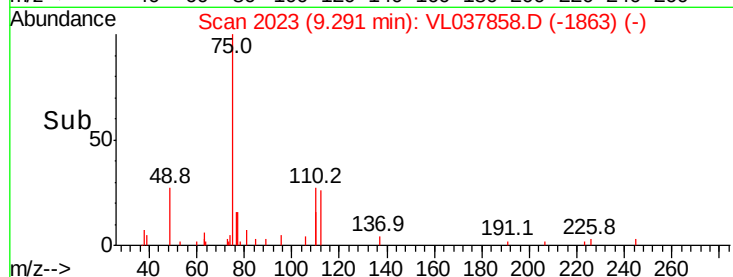
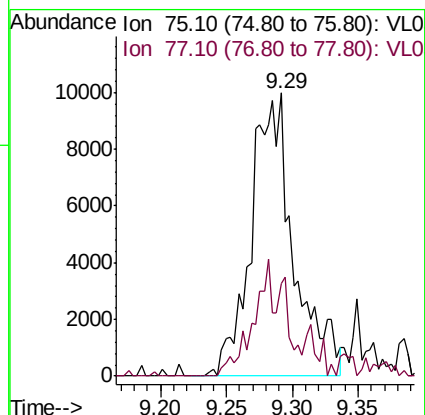
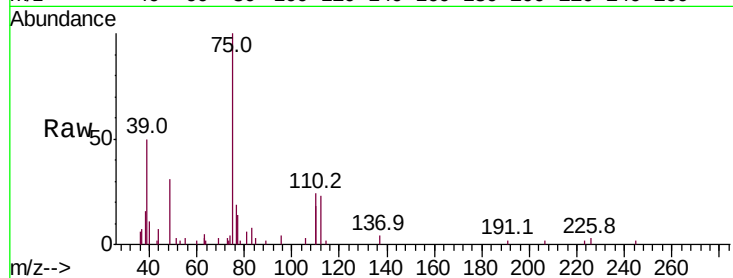
77 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#46

cis-1,3-Dichloropropene

Concen: 0.282 ppbv

RT: 8.70 min Scan# 1840

Delta R.T. -0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

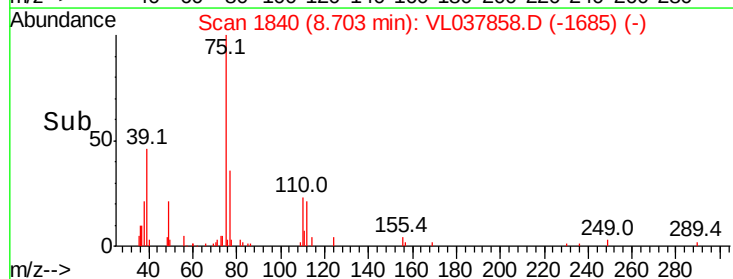
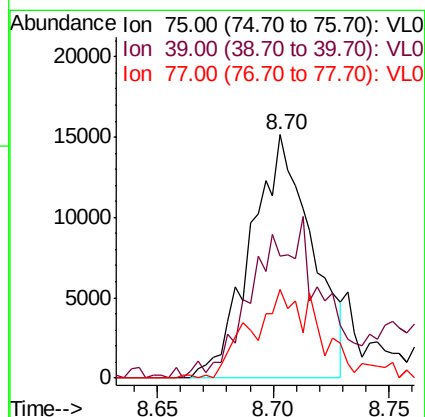
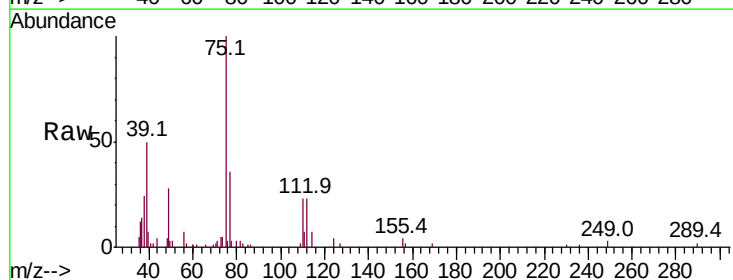
Tgt Ion: 75 Resp: 27853

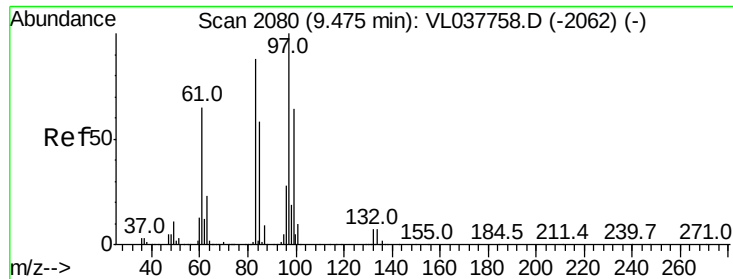
Ion Ratio Lower Upper

75 100

39 47.3 49.9 74.9#

77 35.0 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 0.478 ppbv m

RT: 9.47 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

97 100

83 73.

85 41.

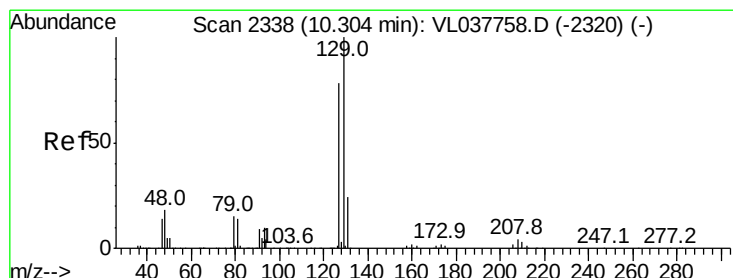
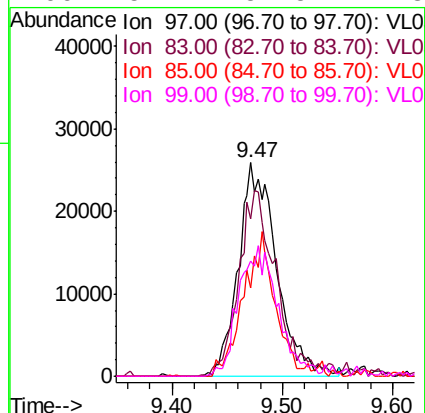
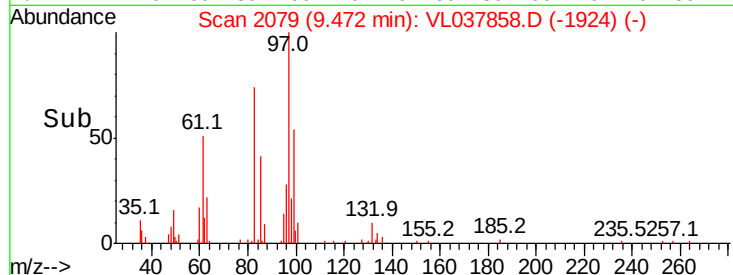
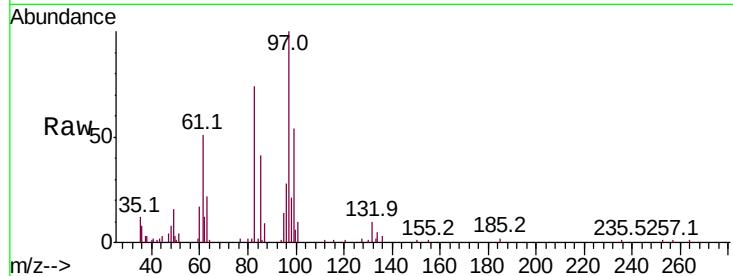
99 54.1 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#48

Dibromochloromethane

Concen: 0.403 ppbv m

RT: 10.31 min Scan# 2340

Delta R.T. 0.01 min

Lab File: VL037858.D

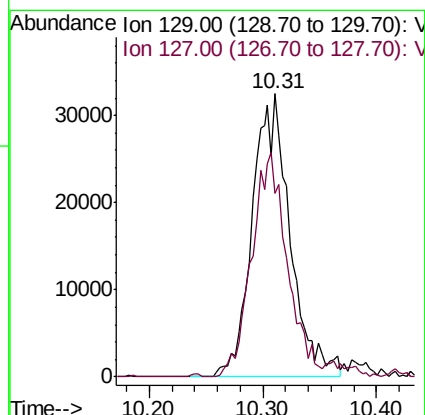
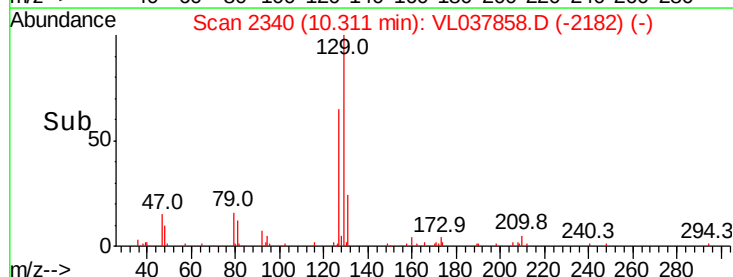
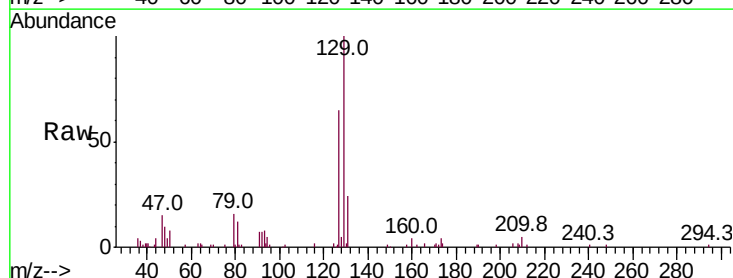
Acq: 18 Oct 2021 18:47

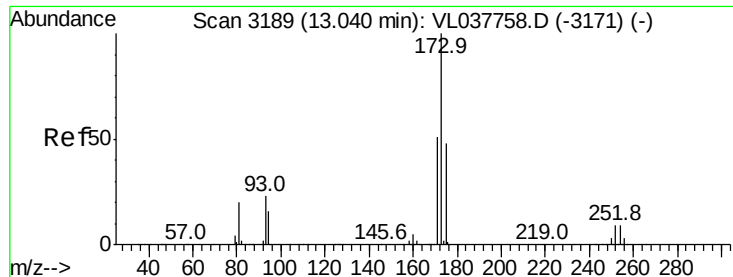
Tgt Ion:129 Resp: 74559

Ion Ratio Lower Upper

129 100

127 78.1 39.5 118.5





#49

Bromoform

Concen: 0.375 ppbv m

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47

Tot Ion:1

Ion Rati

173 100

175 51.

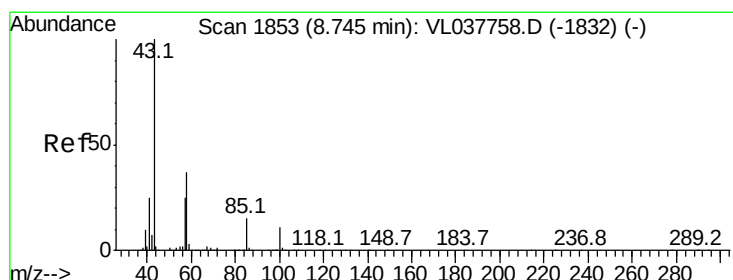
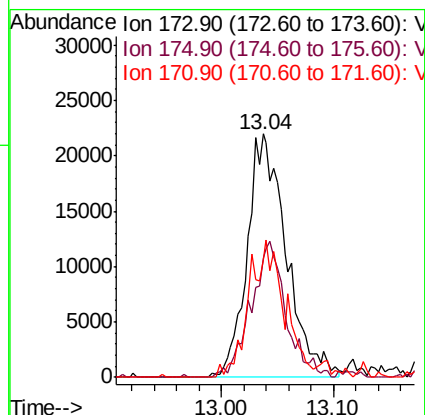
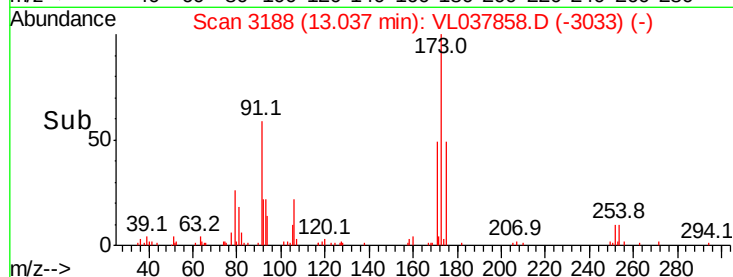
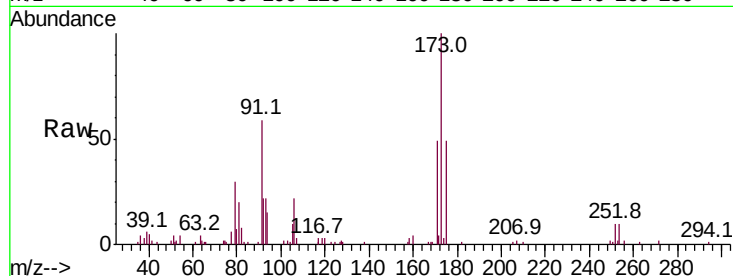
171 55.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#50

4-Methyl-2-Pentanone

Concen: 0.348 ppbv m

RT: 8.77 min Scan# 1861

Delta R.T. 0.03 min

Lab File: VL037858.D

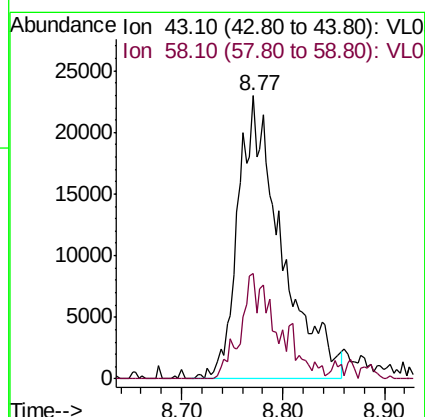
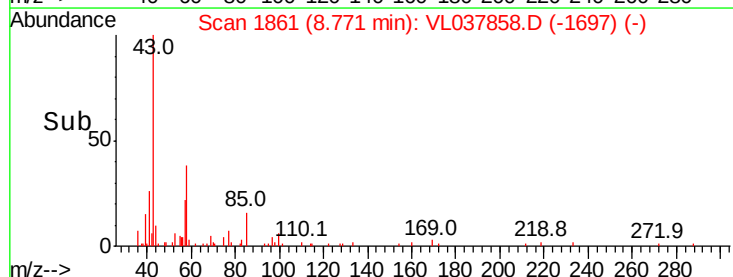
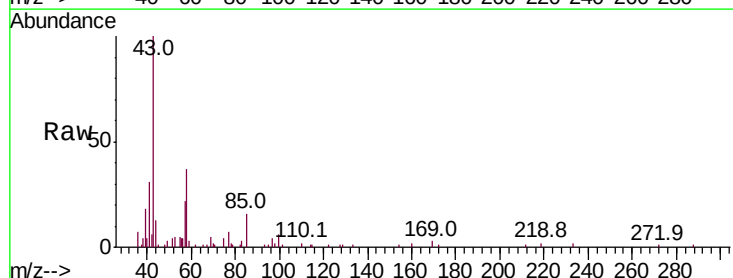
Acq: 18 Oct 2021 18:47

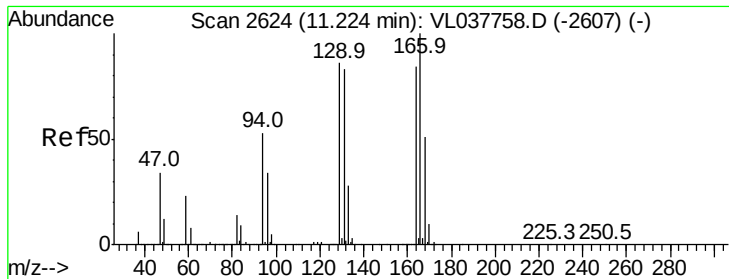
Tgt Ion: 43 Resp: 67958

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.0#





#52

Tetrachloroethene

Concen: 0.436 ppbv m

RT: 11.22

Delta R.T. MSVOA_L

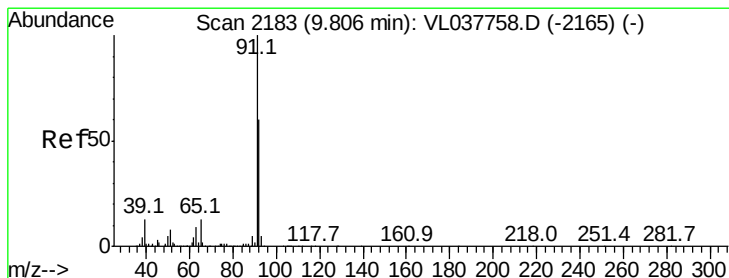
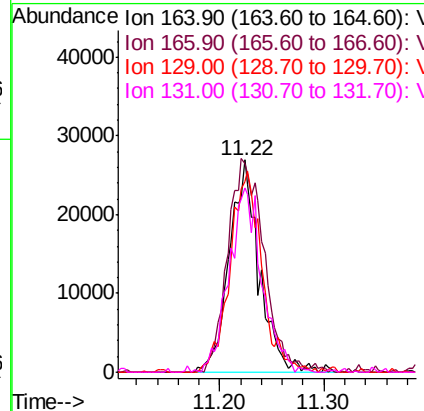
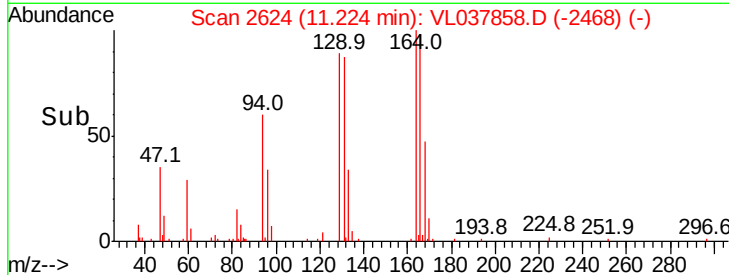
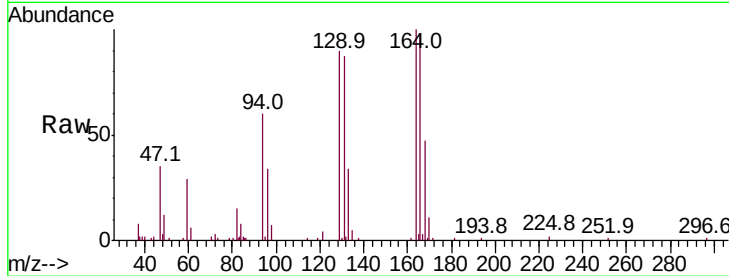
Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47

Tot Ion: 1
Ion Ratio
164 100
166 98.
129 90.
131 87.1 79.4 119.2

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



#53

Toluene

Concen: 0.336 ppbv

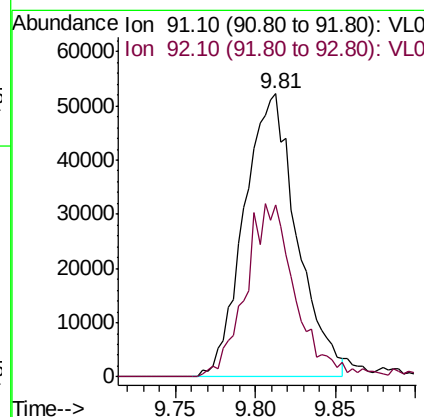
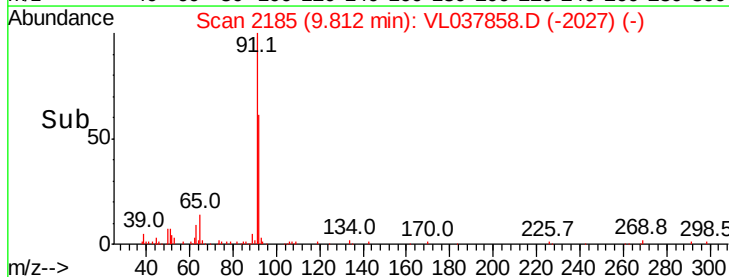
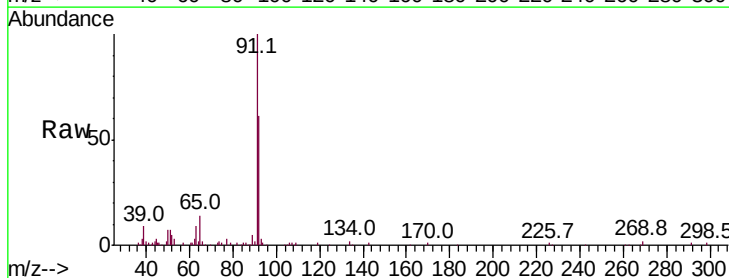
RT: 9.81 min Scan# 2185

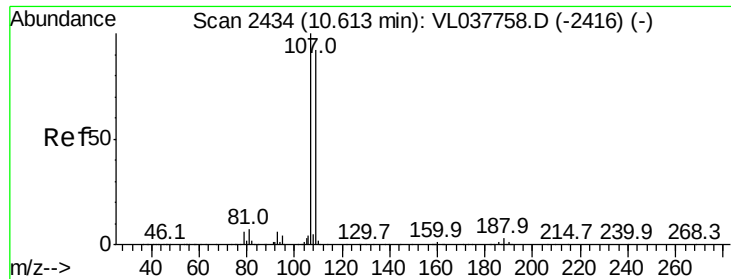
Delta R.T. 0.01 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion: 91 Resp: 118256
Ion Ratio Lower Upper
91 100
92 58.6 48.4 72.6



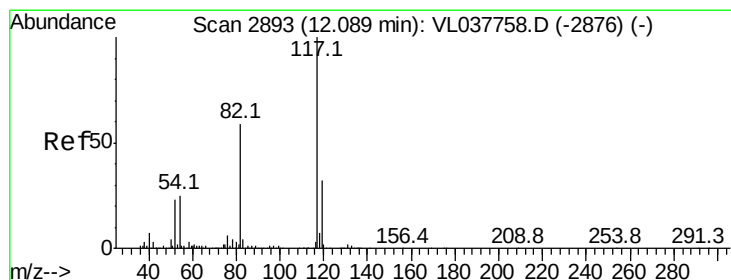
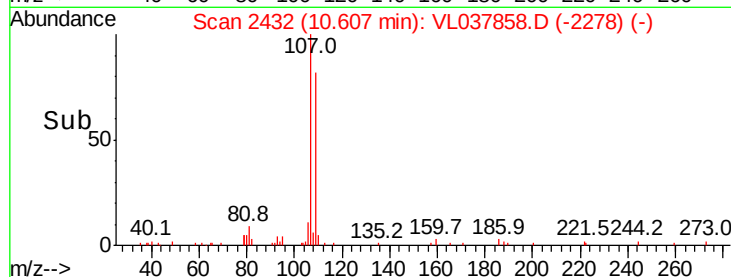
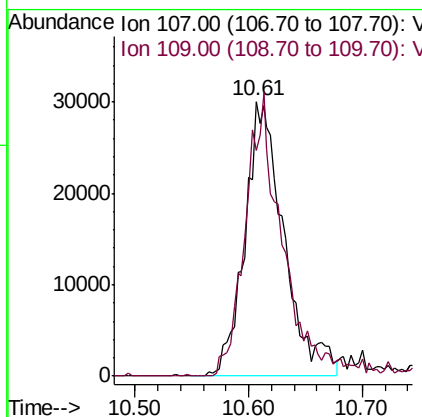
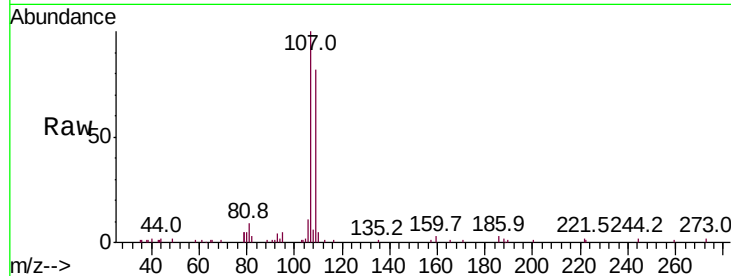


#54
 1,2-Dibromoethane
 Concen: 0.411 ppbv m
 RT: 10.61
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Oct 2021 18:47

Tot Ion:1
 Ion Rati
 107 100
 109 82.

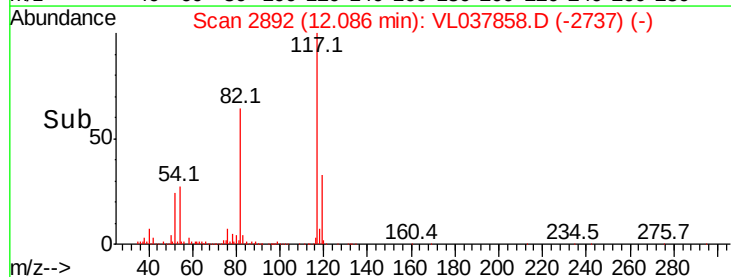
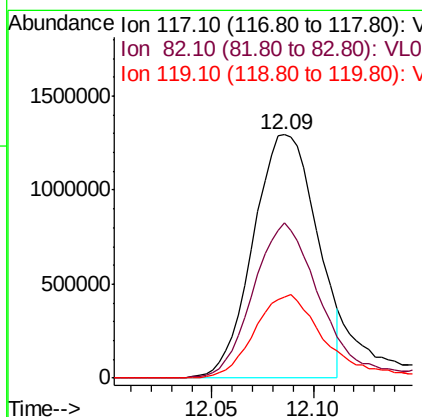
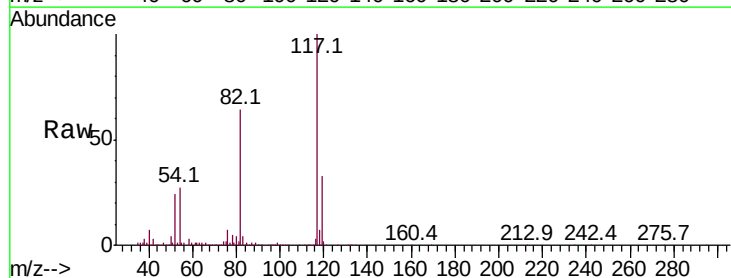
Manual Integrations
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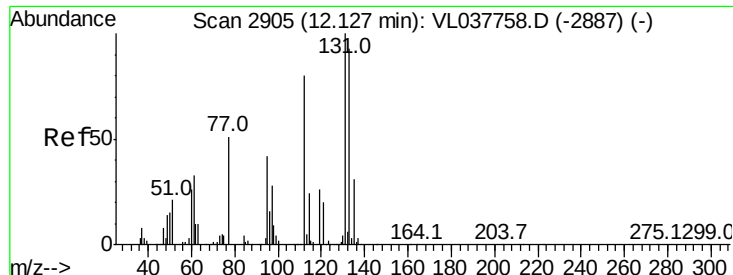
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv m
 RT: 12.09 min Scan# 2892
 Delta R.T. -0.00 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion:117 Resp: 2821109
 Ion Ratio Lower Upper
 117 100
 82 70.9 52.2 78.2
 119 39.7 26.0 39.0#



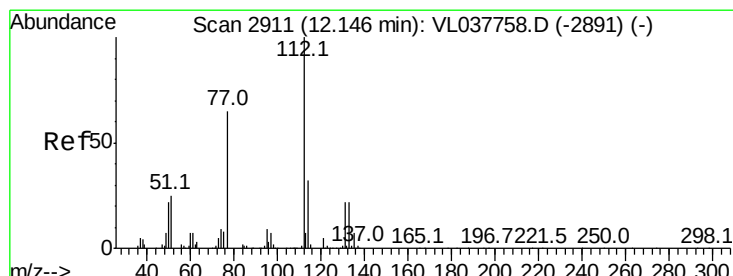
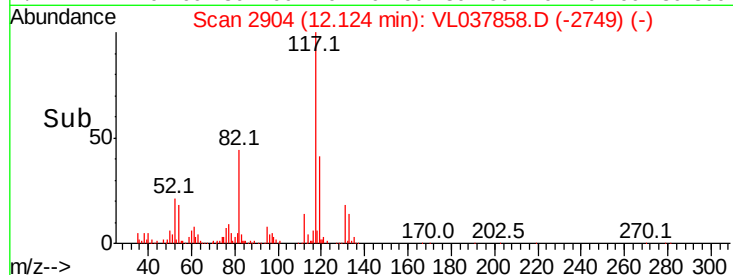
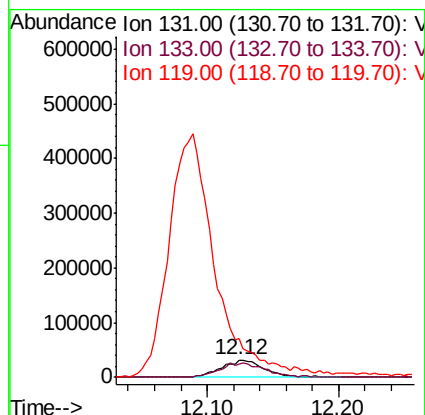
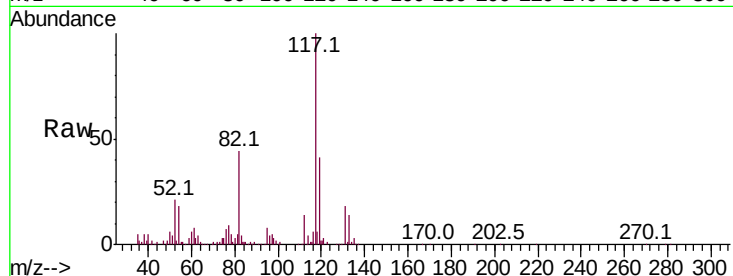


#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.615 ppbv m
 RT: 12.12 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT4-2021
 Acq: 18 Oct 2021 18:47

Tot Ion:1
 Ion Rati
 131 100
 133 91.
 119 1548

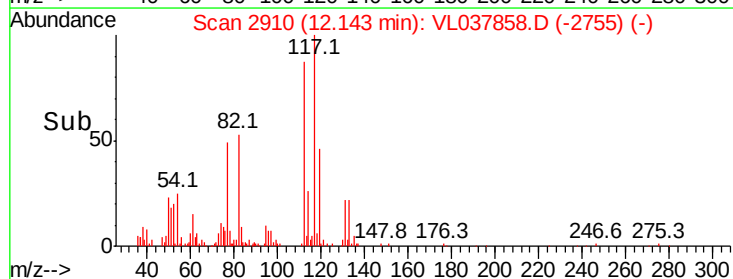
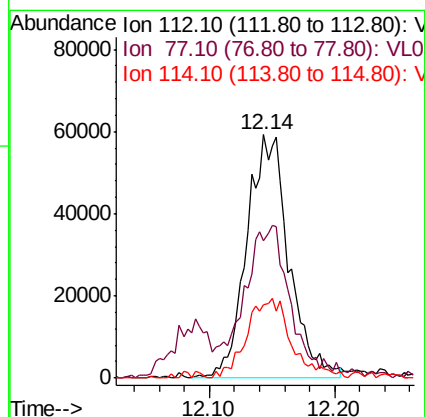
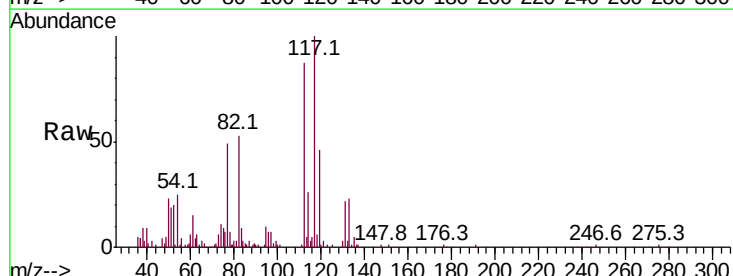
Manual Integrations
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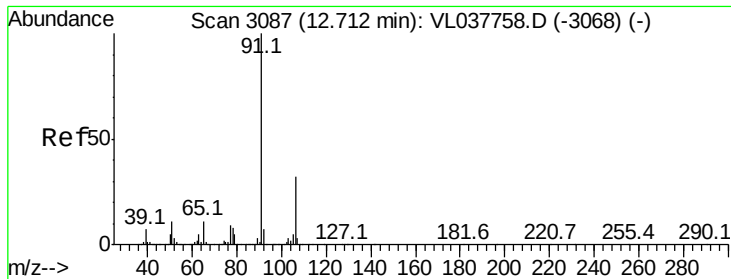
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#57
 Chlorobenzene
 Concen: 0.599 ppbv m
 RT: 12.14 min Scan# 2910
 Delta R.T. -0.00 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion:112 Resp: 138731
 Ion Ratio Lower Upper
 112 100
 77 56.3 51.8 77.8
 114 30.1 28.8 35.2





#58

Ethyl Benzene

Concen: 0.401 ppbv

RT: 12.72

Delta R.T. MSVOA_L

Lab File:

Acq: 18 Oct 2021 18:47

ClientSampleId :

LOD-MDL-AIR-01-QT4-2021

Tot Ion:

Ion Ratio

91 100

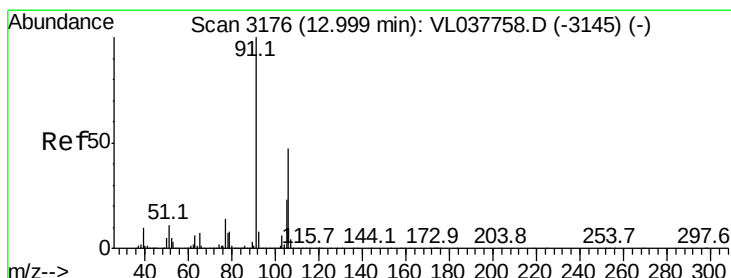
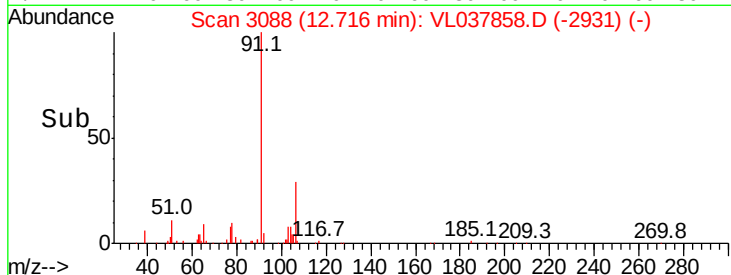
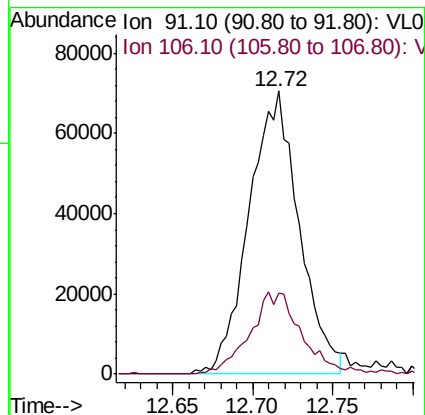
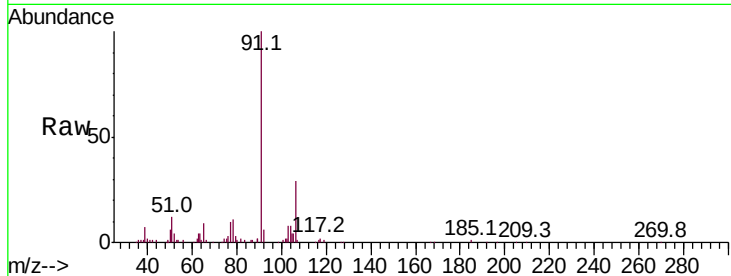
106 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#59

m/p-Xylene

Concen: 0.916 ppbv m

RT: 13.00 min Scan# 3176

Delta R.T. 0.00 min

Lab File: VL037858.D

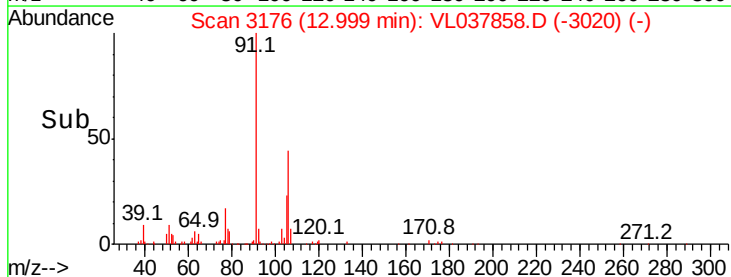
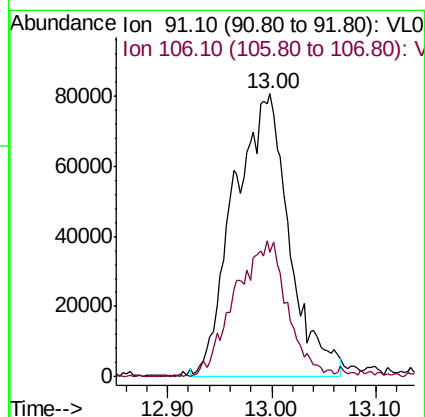
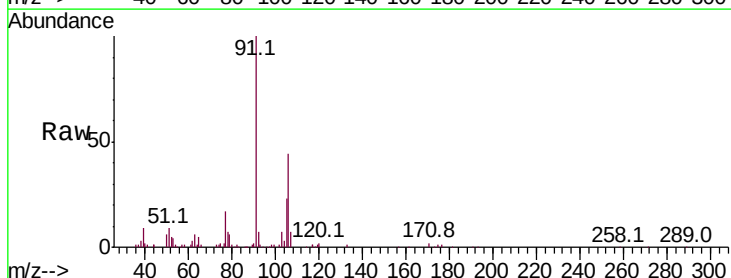
Acq: 18 Oct 2021 18:47

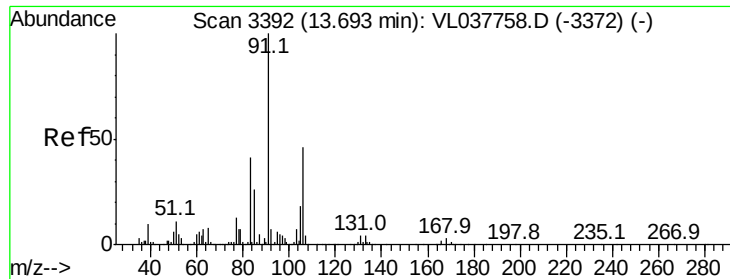
Tgt Ion: 91 Resp: 297731

Ion Ratio Lower Upper

91 100

106 46.0 36.7 55.1



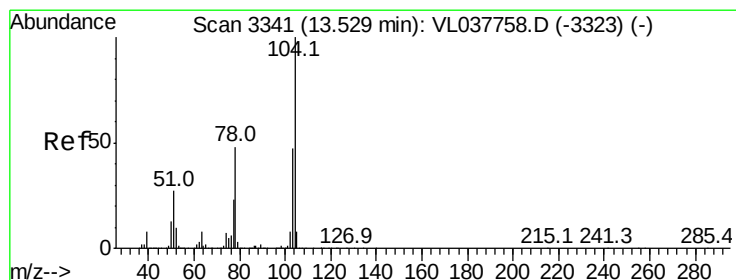
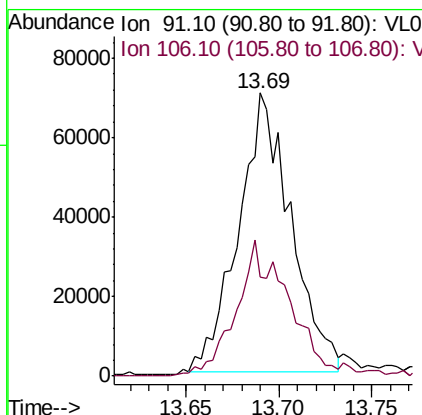
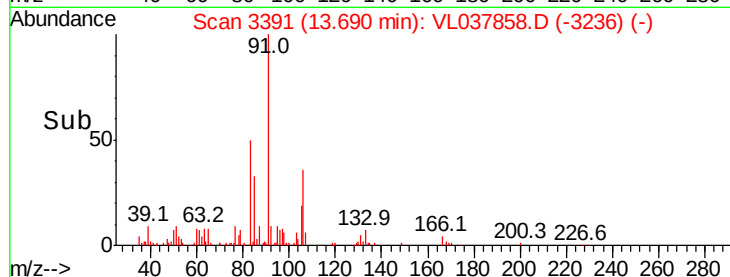
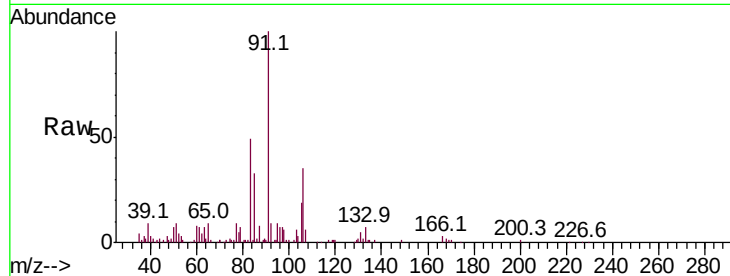


#60
o-Xylene
Concen: 0.444 ppbv
RT: 13.69
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Oct 2021 18:47
LOD-MDL-AIR-01-QT4-2021

Tot Ion:
Ion Ratio
91 100
106 49.

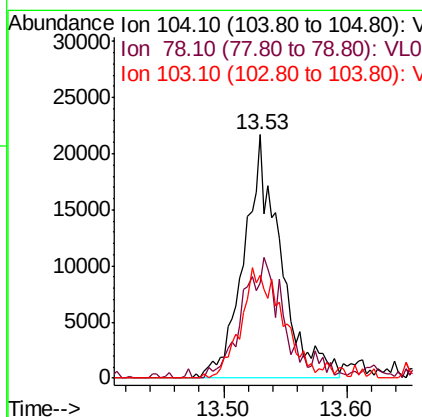
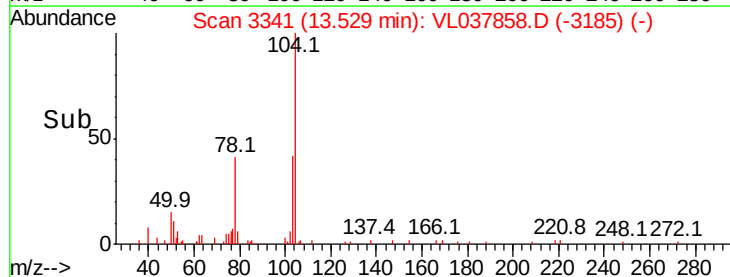
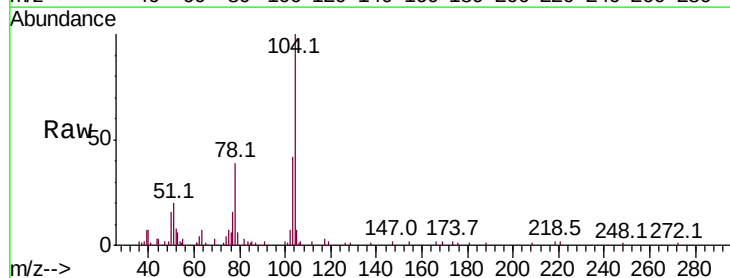
Manual Integrations
APPROVED

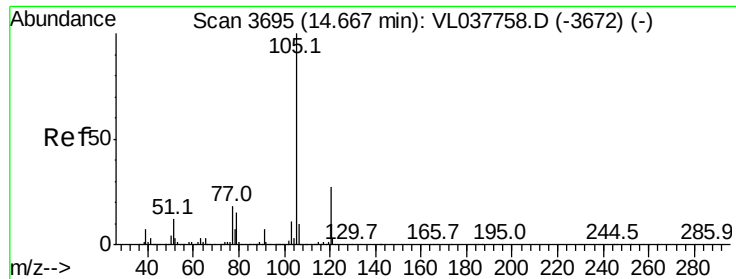
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#61
Styrene
Concen: 0.298 ppbv m
RT: 13.53 min Scan# 3341
Delta R.T. 0.00 min
Lab File: VL037858.D
Acq: 18 Oct 2021 18:47

Tgt Ion:104 Resp: 44883
Ion Ratio Lower Upper
104 100
78 0.0 40.6 61.0#
103 52.9 39.6 59.4





#62

Isopropylbenzene

Concen: 0.497 ppbv

RT: 14.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47

Tot Ion:1

Ion Ratio

105 100

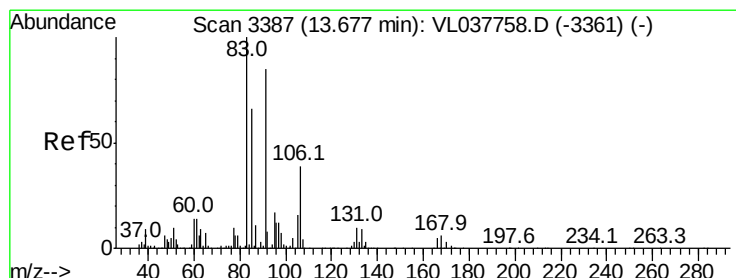
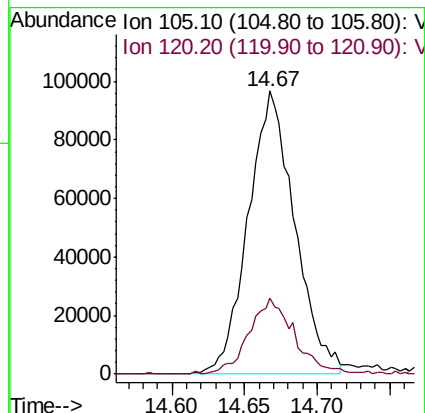
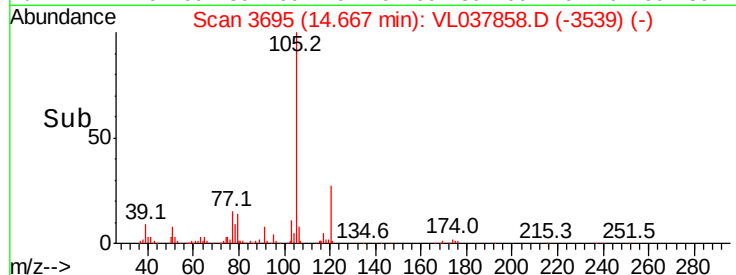
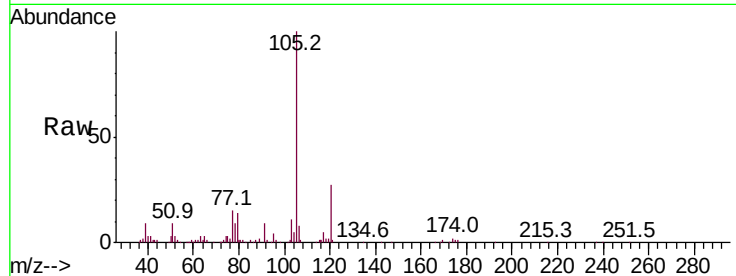
120 26.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#63

1,1,2,2-Tetrachloroethane

Concen: 0.572 ppbv m

RT: 13.68 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

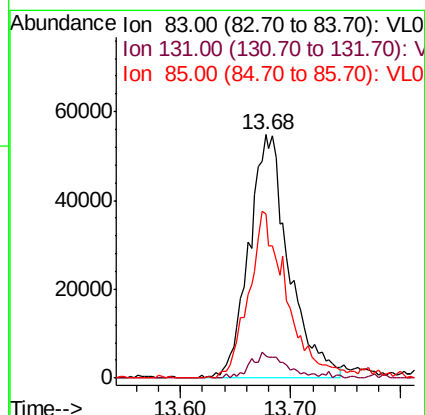
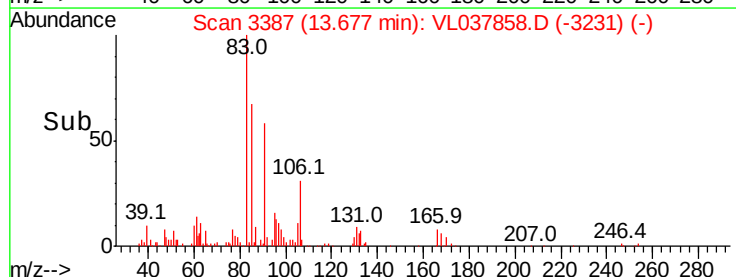
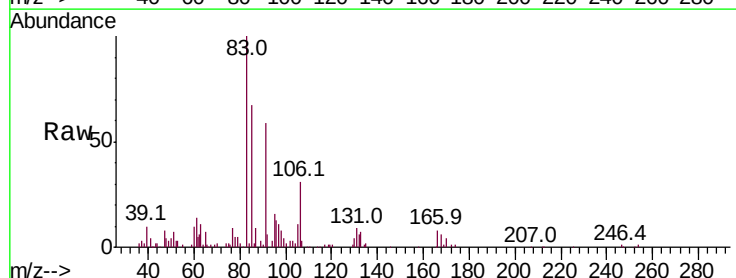
Tgt Ion: 83 Resp: 137503

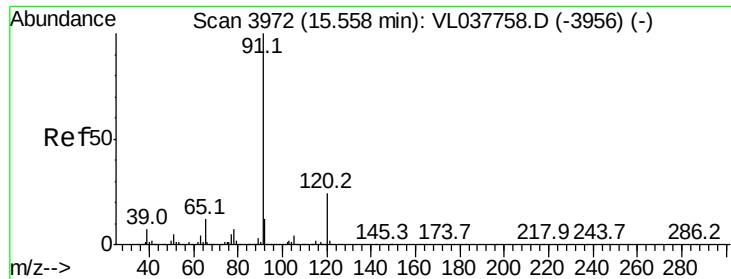
Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

85 65.6 33.1 99.5





#64

n-propylbenzene

Concen: 0.447 ppbv m

RT: 15.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

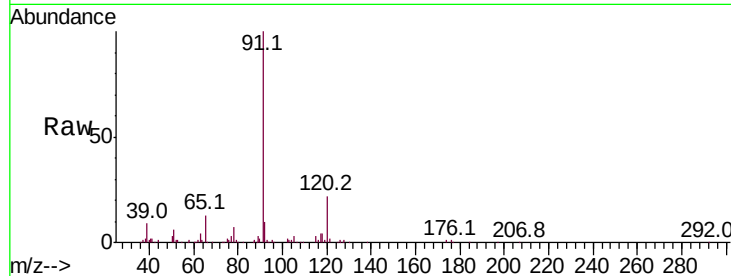
Acq: 18 Oct 2021 18:47

Manual Integrations

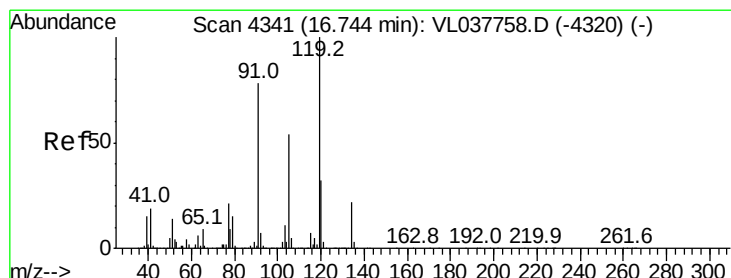
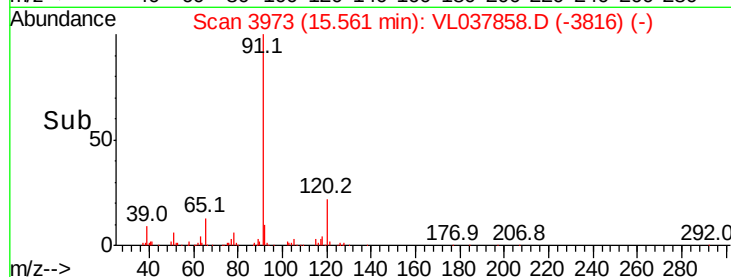
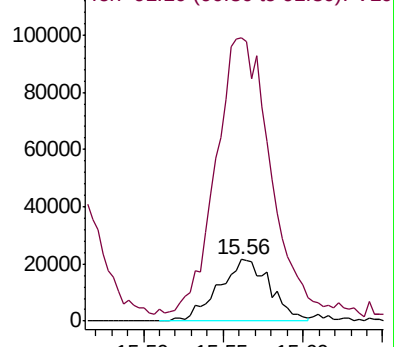
APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



Abundance Ion 120.20 (119.90 to 120.90): V



#65

tert-Butylbenzene

Concen: 0.475 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

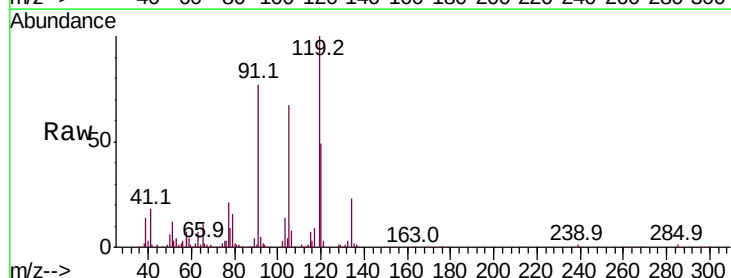
Tgt Ion:119 Resp: 181754

Ion Ratio Lower Upper

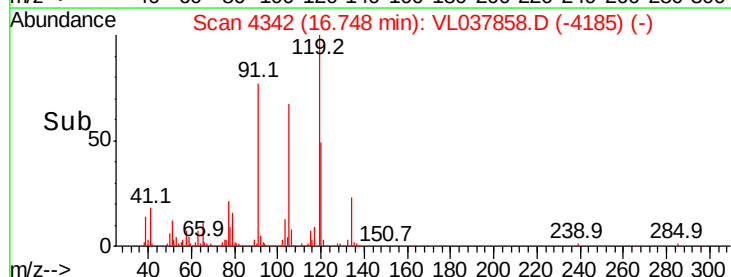
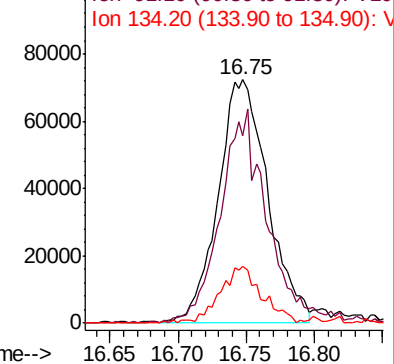
119 100

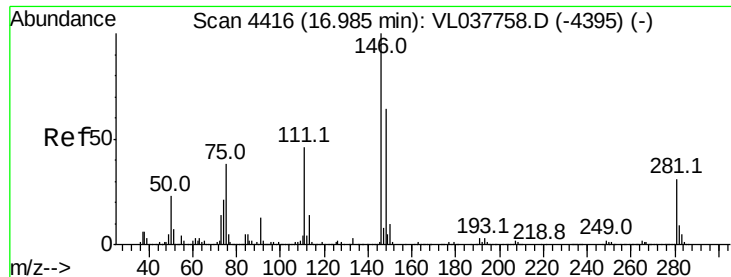
91 84.2 62.6 94.0

134 21.3 16.3 24.5



Abundance Ion 119.20 (118.90 to 119.90): V



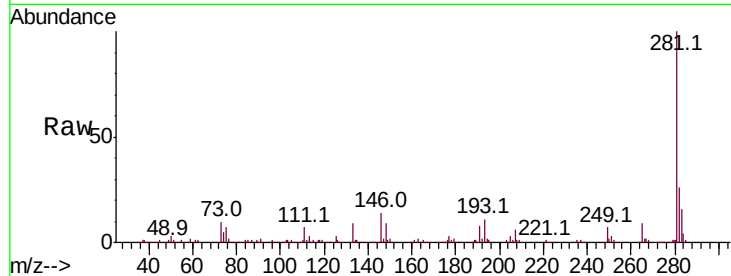


#66
Benzyl Chloride
Concen: 0.390 ppbv m
RT: 16.99 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Oct 2021 18:47

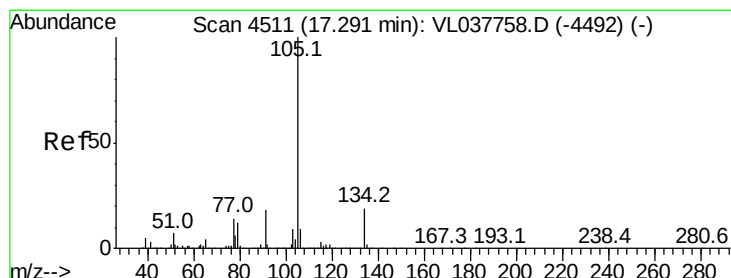
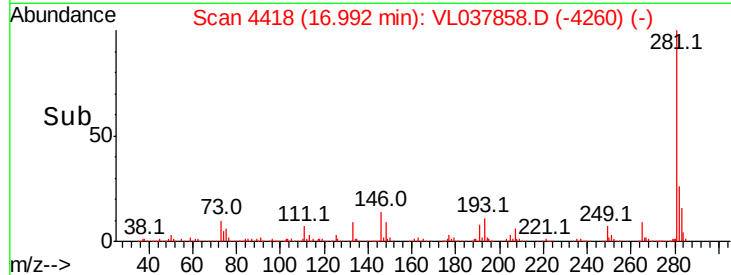
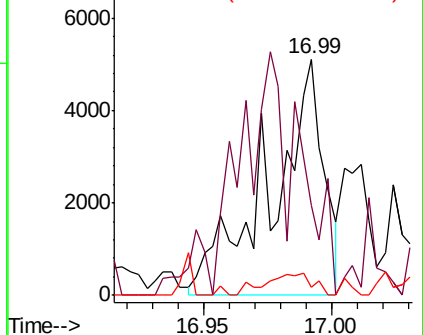
Tot Ion:
Ion Ratio
91 100
126 123.
128 0.

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Supervised By :Mahesh Dadoda 10/27/2021

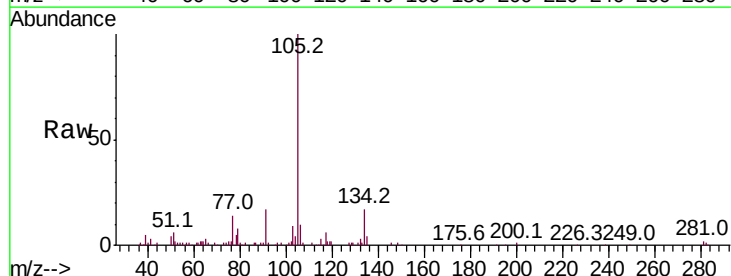


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

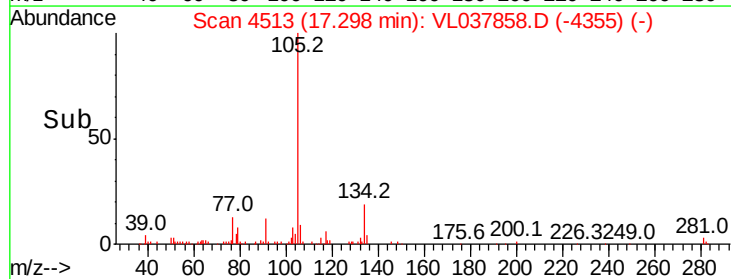
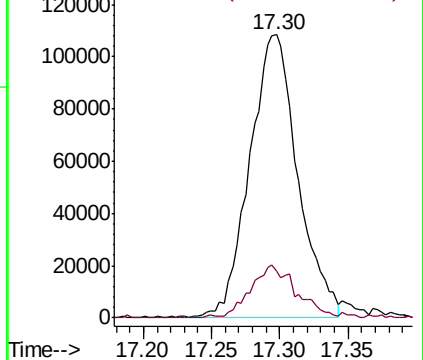


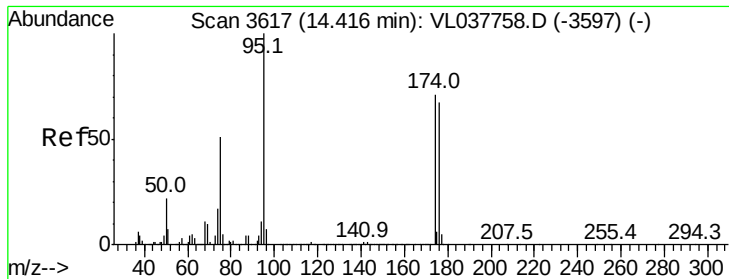
#67
sec-Butylbenzene
Concen: 0.504 ppbv
RT: 17.30 min Scan# 4513
Delta R.T. 0.01 min
Lab File: VL037858.D
Acq: 18 Oct 2021 18:47

Tgt Ion:105 Resp: 263501
Ion Ratio Lower Upper
105 100
134 18.7 15.4 23.0



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 134.20 (133.90 to 134.90): V



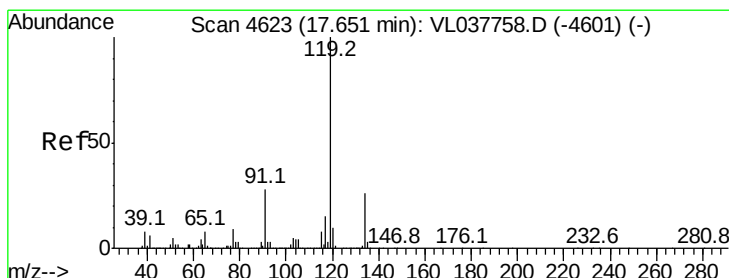
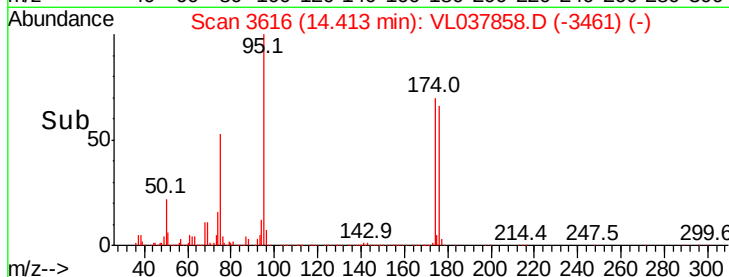
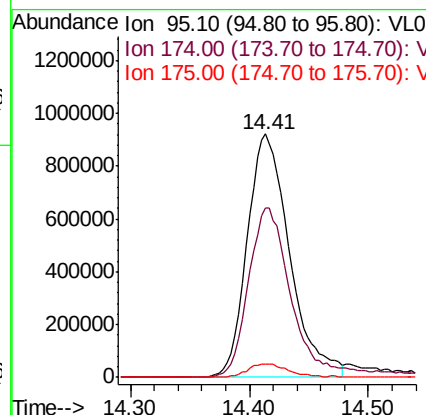
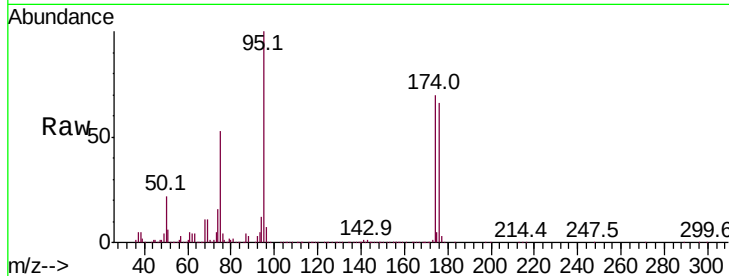


#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.542 ppbv
 RT: 14.41 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Oct 2021 18:47

Tot Ion:
 Ion Ratio
 95 100
 174 74.
 175 5.

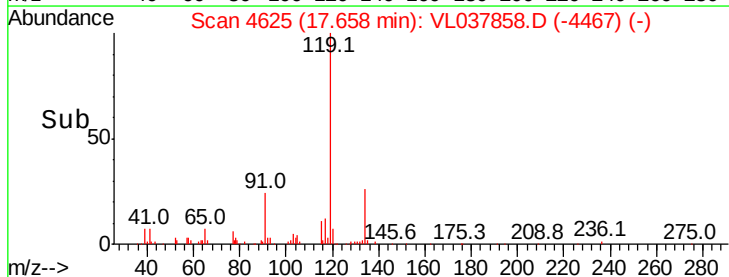
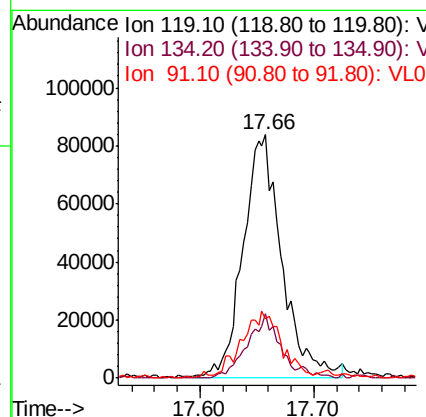
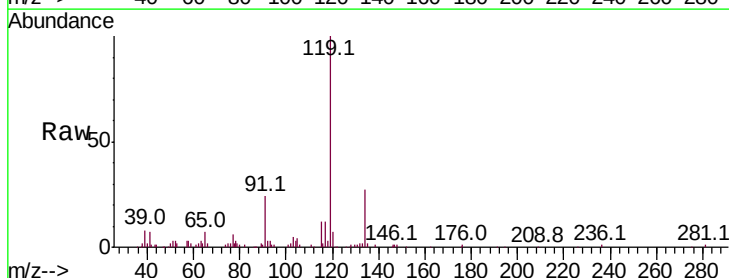
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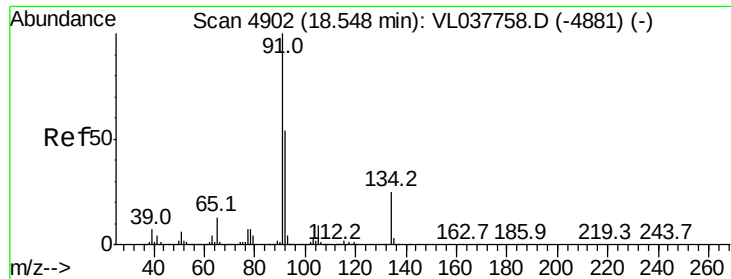
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#69
 p-Isopropyltoluene
 Concen: 0.472 ppbv m
 RT: 17.66 min Scan# 4625
 Delta R.T. 0.01 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion:119 Resp: 199618
 Ion Ratio Lower Upper
 119 100
 134 0.0 21.2 31.8#
 91 0.0 22.2 33.4#



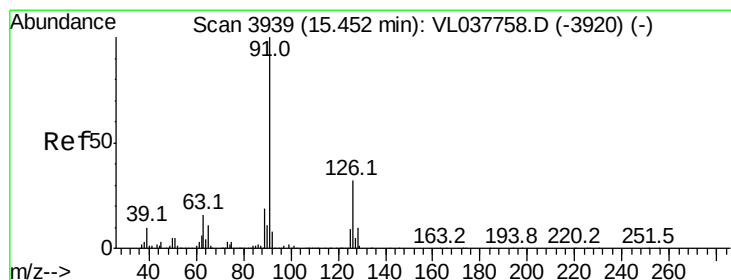
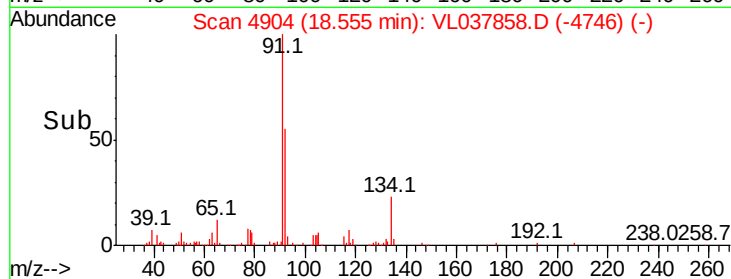
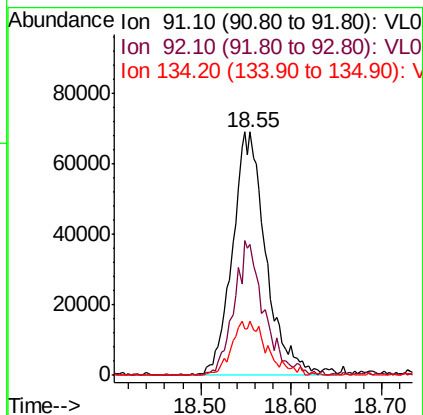
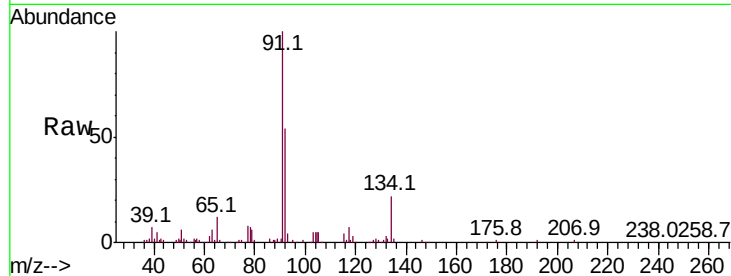


#70
n-Butylbenzene
Concen: 0.446 ppbv m
RT: 18.55
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Oct 2021 18:47

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

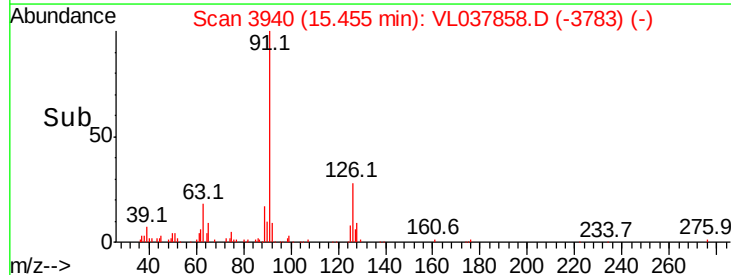
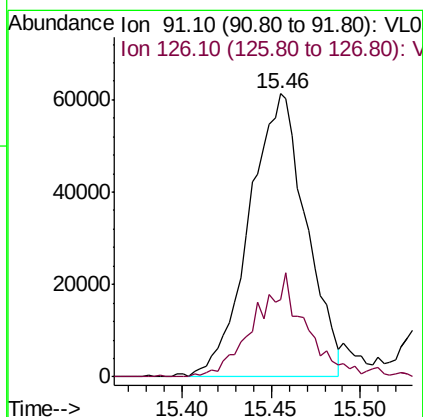
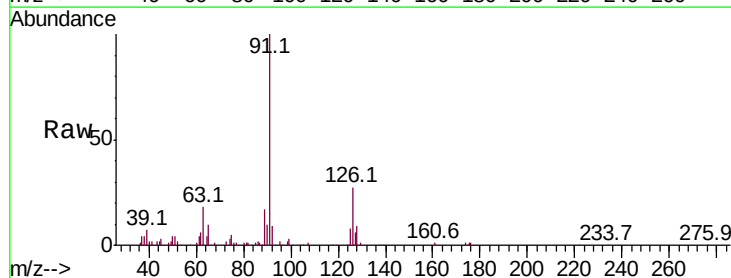
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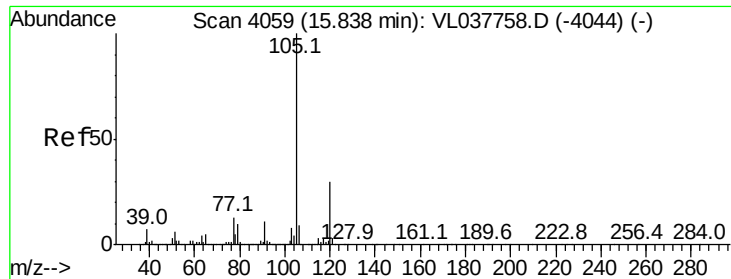
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#71
2-Chlorotoluene
Concen: 0.441 ppbv
RT: 15.46 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VL037858.D
Acq: 18 Oct 2021 18:47

Tgt Ion: 91 Resp: 135333
Ion Ratio Lower Upper
91 100
126 33.6 13.6 54.6





#72

4-Ethyltoluene

Concen: 0.400 ppbv

RT: 15.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

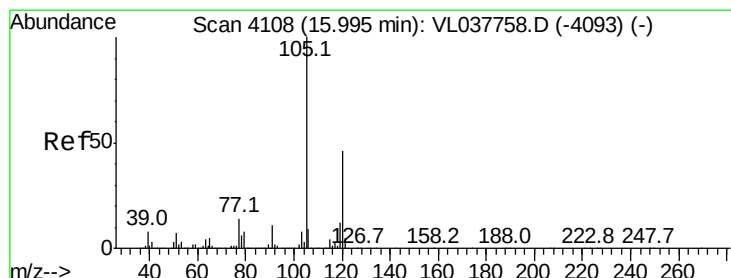
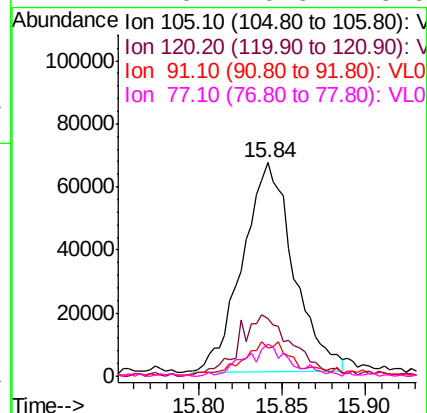
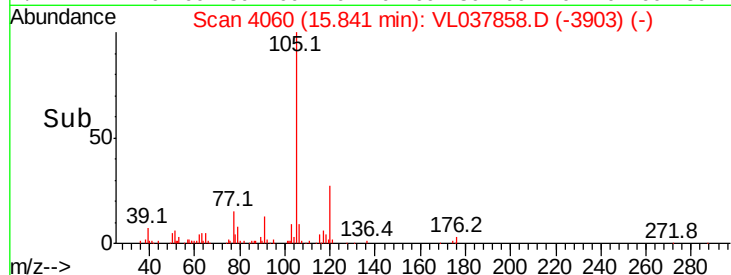
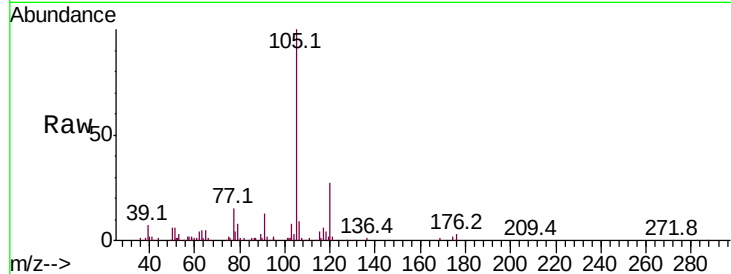
Acq: 18 Oct 2021 18:47

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Tot Ion	Ion	Ratio
105	100	
120	33.	
91	18.	
77	14.3	10.3 15.5



#73

1,3,5-Trimethylbenzene

Concen: 0.501 ppbv m

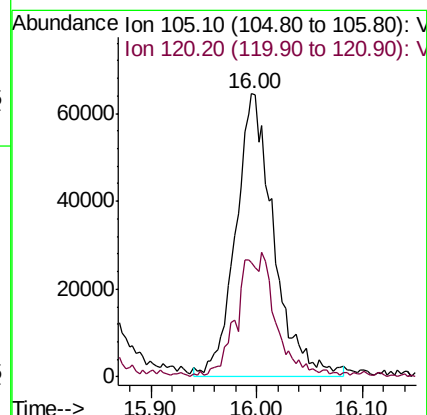
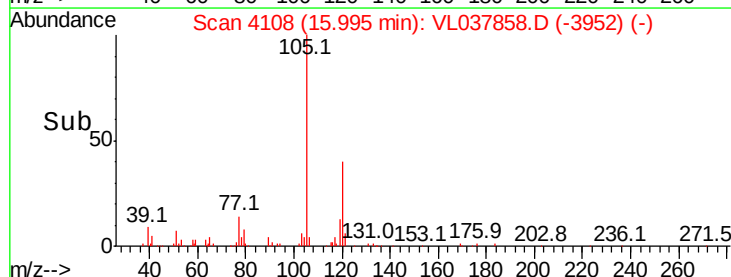
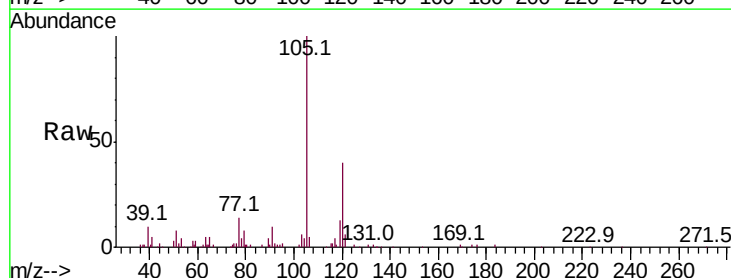
RT: 16.00 min Scan# 4108

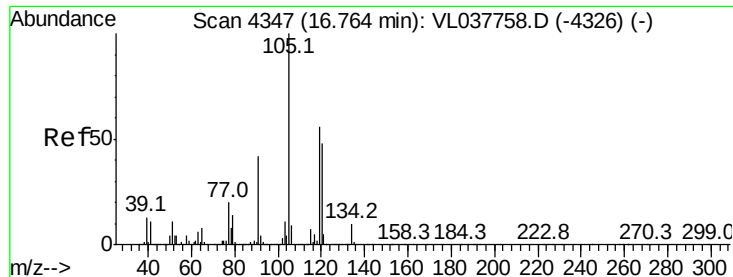
Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion	105	Resp	161172
Ion Ratio	Lower	Upper	
105	100		
120	40.5	36.6	54.8





#74

1,2,4-Trimethylbenzene

Concen: 0.532 ppbv m

RT: 16.75

Delta R.T. MSVOA_1

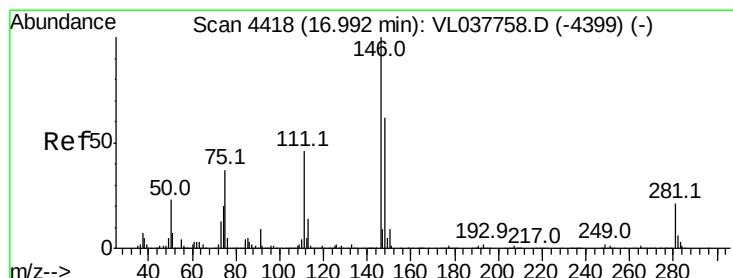
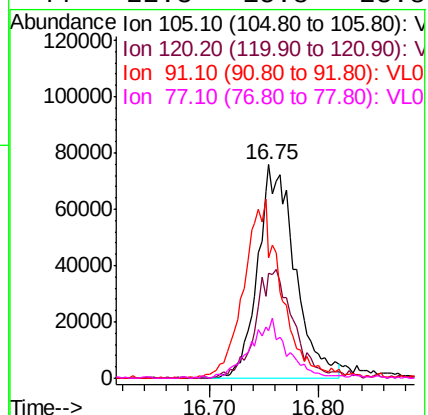
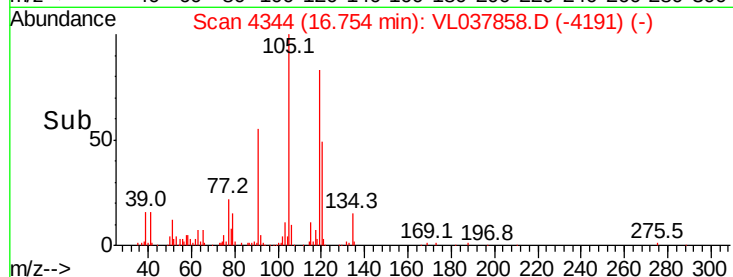
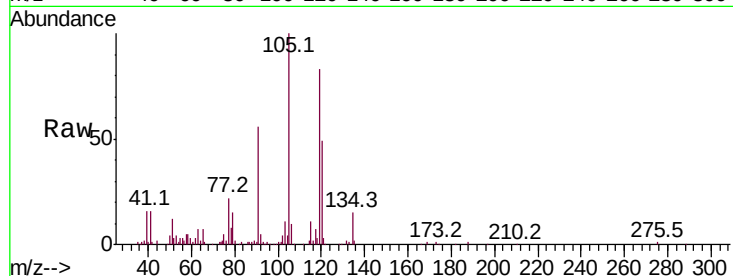
Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47

Tot Ion	Ion	Ratio
105	100	
120	49	
91	56	
77	22.3	15.8 23.8

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Supervised By :Mahesh Dadoda 10/27/2021



#75

1,3-Dichlorobenzene

Concen: 0.601 ppbv m

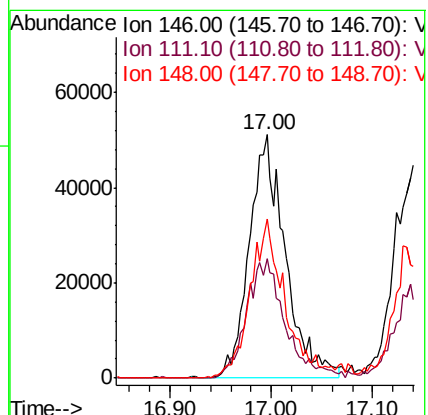
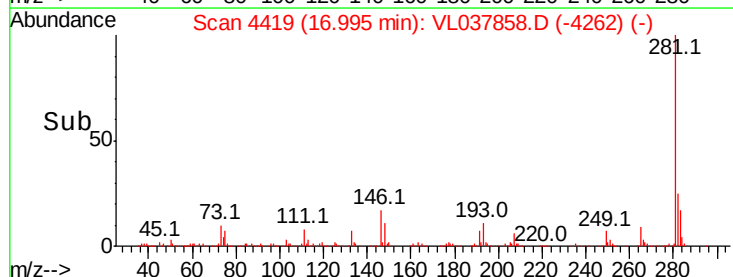
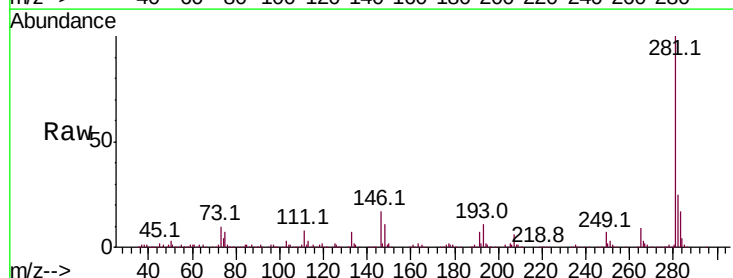
RT: 17.00 min Scan# 4419

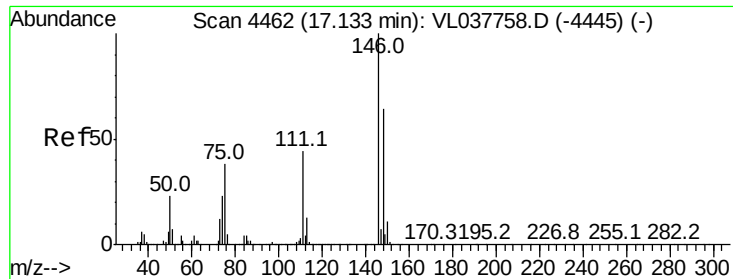
Delta R.T. 0.00 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion	146	Resp	125638
Ion Ratio	Lower	Upper	
146	100		
111	53.0	22.8	68.4
148	65.5	32.8	98.3



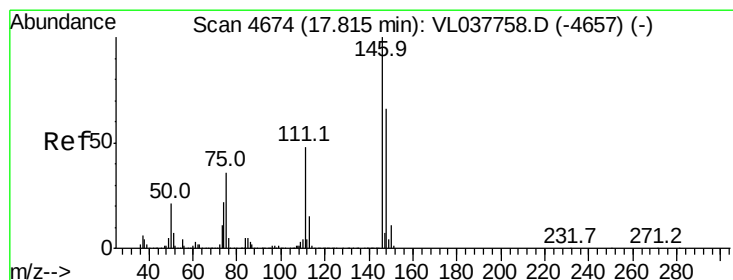
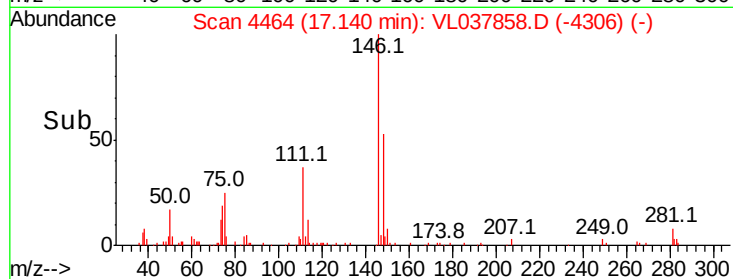
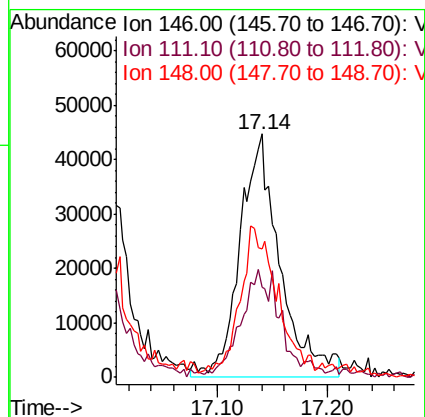
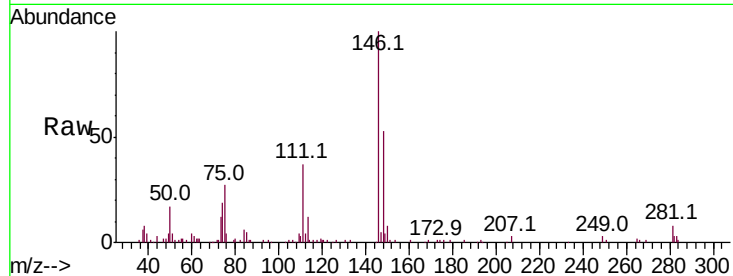


#76
 1,4-Dichlorobenzene
 Concen: 0.569 ppbv m
 RT: 17.14 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT4-2021
 Acq: 18 Oct 2021 18:47

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

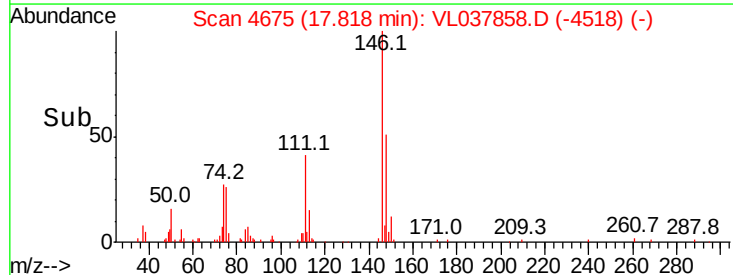
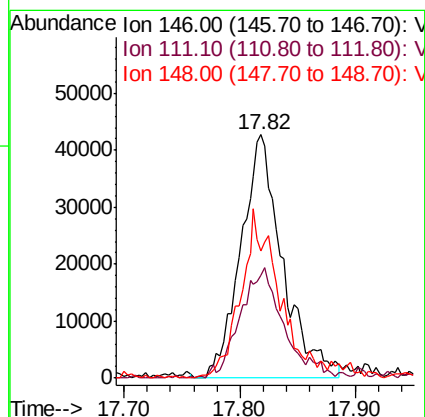
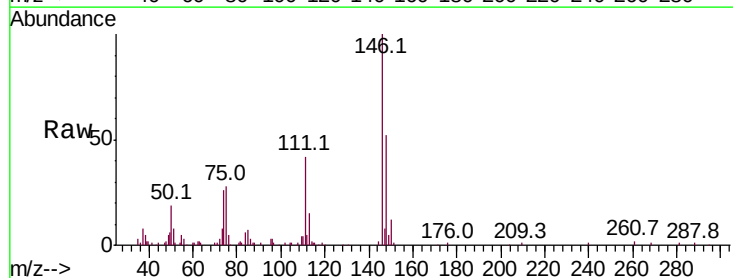
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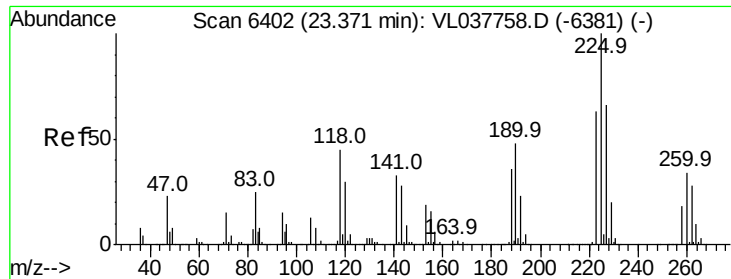
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#77
 1,2-Dichlorobenzene
 Concen: 0.532 ppbv m
 RT: 17.82 min Scan# 4675
 Delta R.T. 0.00 min
 Lab File: VL037858.D
 Acq: 18 Oct 2021 18:47

Tgt Ion:146 Resp: 106872
 Ion Ratio Lower Upper
 146 100
 111 48.1 23.6 70.8
 148 66.9 32.9 98.6





#78

Hexachloro-1,3-Butadiene

Concen: 0.648 ppbv m

RT: 23.37

Delta R.T. MSVOA_L

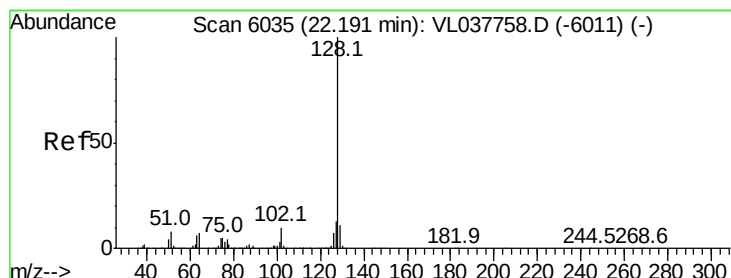
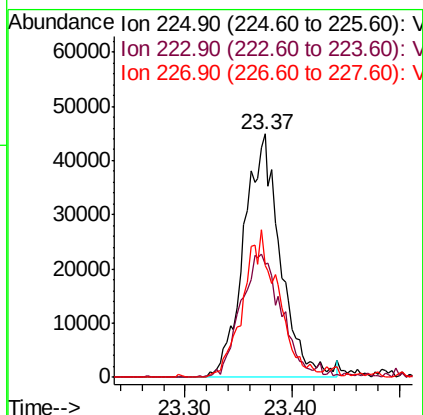
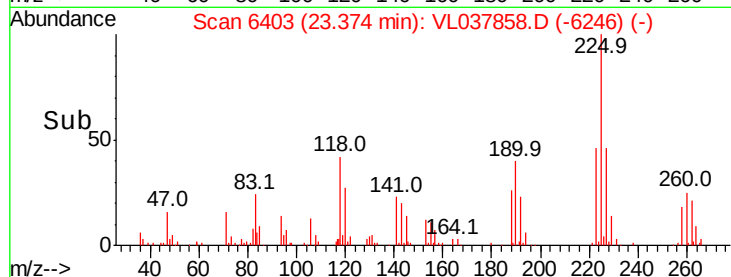
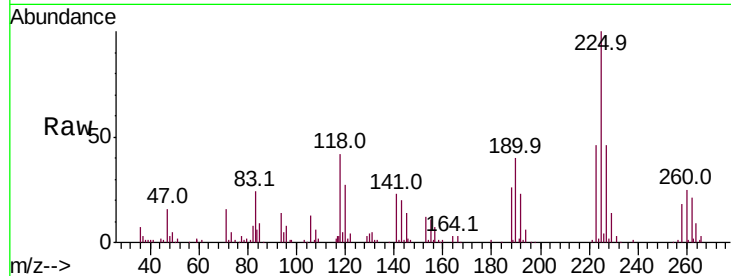
Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47

Tot Ion: 2
Ion Ratio
225 100
223 0.
227 0.

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Supervised By :Mahesh Dadoda 10/27/2021



#79

Naphthalene

Concen: 0.308 ppbv m

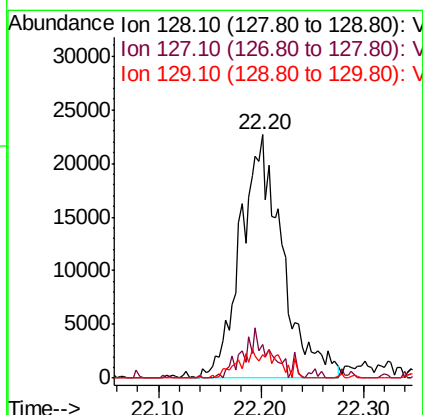
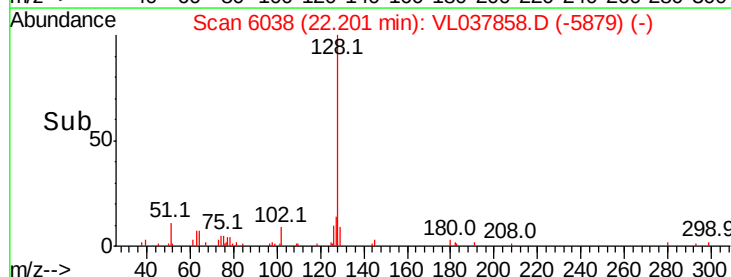
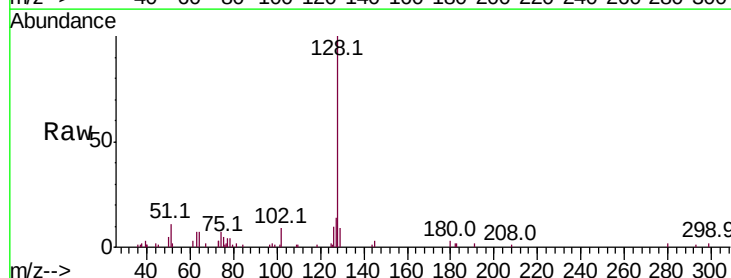
RT: 22.20 min Scan# 6038

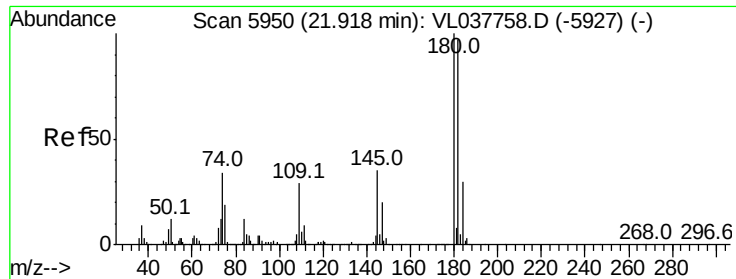
Delta R.T. 0.01 min

Lab File: VL037858.D

Acq: 18 Oct 2021 18:47

Tgt Ion: 128 Resp: 63707
Ion Ratio Lower Upper
128 100
127 13.7 10.1 15.1
129 9.5 9.1 13.7





#81

1,2,4-Trichlorobenzene

Concen: 0.387 ppbv m

RT: 21.92 Instrument:

Delta R.T MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 18:47 LOD-MDL-AIR-01-QT4-2021

Tot Ion:1

Ion Rati

180 100

182 0.

184 0.

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Supervised By :Mahesh Dadoda 10/27/2021

