

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039219.D
 Acq On : 7 Jun 2022 21:35
 Operator : SY/AP
 Sample : N3214-13 0.4 LOD
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 08 06:33:17 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	704627	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1722887	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1493016	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1313153	10.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	74634	0.603 ppbv	97
3) Chlorodifluoromethane	2.99	51	57248	0.639 ppbv	98
4) Chloromethane	3.14	50	28914	0.628 ppbv	94
5) Vinyl Chloride	3.26	62	25686	0.597 ppbv	91
6) Bromomethane	3.47	94	13943m	0.658 ppbv	
7) Chloroethane	3.56	64	11106m	0.740 ppbv	
8) Dichlorotetrafluoroethane	3.19	85	70370	0.622 ppbv	94
9) Propene	3.02	41	21235m	0.543 ppbv	
10) Heptane	8.12	43	44408	0.487 ppbv	96
11) Trichlorofluoromethane	3.95	101	81452	0.727 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	58370	0.788 ppbv	94
13) Ethanol	3.61	45	1602	0.751 ppbv #	100
14) Bromoethene	3.74	108	19951	0.599 ppbv #	86
15) Acetone	3.86	43	58361m	0.795 ppbv	
16) 1,3-Butadiene	3.33	39	26655m	0.676 ppbv	
17) tert-Butyl alcohol	4.30	59	42693m	0.750 ppbv	
18) 1,1-Dichloroethene	4.29	96	23742	0.714 ppbv	87
19) Isopropyl Alcohol	3.98	45	23360m	0.679 ppbv	
20) Methylene Chloride	4.35	84	29854m	0.965 ppbv	
21) Allyl Chloride	4.41	41	31253m	0.631 ppbv	
22) trans-1,2-Dichloroethene	4.89	96	24803m	0.776 ppbv	
23) Vinyl Acetate	5.08	43	40173m	0.662 ppbv	
24) 1,1-Dichloroethane	5.01	63	50775m	0.610 ppbv	
25) Ethyl Acetate	5.68	43	83832	0.507 ppbv #	96
26) Hexane	5.69	57	38508m	0.530 ppbv	
27) Carbon Disulfide	4.55	76	39101m	0.519 ppbv	
28) Methyl tert-Butyl Ether	5.05	73	49839m	0.621 ppbv	
29) Chloroform	5.75	83	72373	0.592 ppbv	95
30) Cyclohexane	7.13	84	29036m	0.475 ppbv	
31) cis-1,2-Dichloroethene	5.55	61	38595	0.521 ppbv #	84
32) 1,1,1-Trichloroethane	6.51	97	71489	0.597 ppbv	96
34) 2-Butanone	5.25	43	56152m	0.600 ppbv	
35) Carbon Tetrachloride	7.01	117	71455m	0.568 ppbv	
36) Benzene	6.89	78	72267	0.517 ppbv	95
37) 1,2-Dichloroethane	6.30	62	56815	0.617 ppbv	100
38) Trichloroethene	7.83	130	35907m	0.559 ppbv	
39) 1,2-Dichloropropane	7.61	63	28936m	0.520 ppbv	
40) 1,4-Dioxane	7.87	88	12260m	0.669 ppbv	
41) Tetrahydrofuran	6.07	42	27302m	0.485 ppbv	
42) Bromodichloromethane	7.79	83	66232	0.518 ppbv	97
43) Methyl Methacrylate	8.02	69	28817m	0.529 ppbv	

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Quant Time: Jun 08 06:33:17 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122A

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

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	123689	0.505	ppbv	# 91
45) t-1,3-Dichloropropene	9.28	75	22566m	0.398	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	29465m	0.393	ppbv	
47) 1,1,2-Trichloroethane	9.48	97	33059m	0.570	ppbv	
48) Dibromochloromethane	10.30	129	45753	0.441	ppbv	99
49) Bromoform	13.04	173	33019m	0.382	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	70596m	0.504	ppbv	
51) 2-Hexanone	10.16	43	46728m	0.429	ppbv	
52) Tetrachloroethene	11.22	164	27499m	0.504	ppbv	
53) Toluene	9.81	91	74952	0.465	ppbv	100
54) 1,2-Dibromoethane	10.62	107	42857m	0.549	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.12	131	40276m	0.570	ppbv	
57) Chlorobenzene	12.14	112	64539m	0.575	ppbv	
58) Ethyl Benzene	12.71	91	103755m	0.505	ppbv	
59) m/p-Xylene	12.99	91	190299m	1.051	ppbv	
60) o-Xylene	13.69	91	93779m	0.551	ppbv	
61) Styrene	13.53	104	39068m	0.429	ppbv	
62) Isopropylbenzene	14.66	105	128706	0.509	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	50672m	0.530	ppbv	
64) n-propylbenzene	15.55	120	30608m	0.492	ppbv	
65) tert-Butylbenzene	16.74	119	118256m	0.511	ppbv	
66) Benzyl Chloride	16.99	91	13964m	0.464	ppbv	
67) sec-Butylbenzene	17.29	105	164994	0.523	ppbv	98
69) p-Isopropyltoluene	17.65	119	131486	0.494	ppbv	# 93
70) n-Butylbenzene	18.54	91	138130m	0.505	ppbv	
71) 2-Chlorotoluene	15.46	91	102336m	0.531	ppbv	
72) 4-Ethyltoluene	15.84	105	92163	0.462	ppbv	# 94
73) 1,3,5-Trimethylbenzene	16.00	105	91743m	0.510	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	105816m	0.527	ppbv	
75) 1,3-Dichlorobenzene	16.99	146	59870m	0.527	ppbv	
76) 1,4-Dichlorobenzene	17.13	146	59049m	0.521	ppbv	
77) 1,2-Dichlorobenzene	17.81	146	57794m	0.505	ppbv	
78) Hexachloro-1,3-Butadiene	23.37	225	61438m	0.587	ppbv	
79) Naphthalene	22.19	128	63001m	0.408	ppbv	
80) Naphthalene, 2-methyl-	24.97	142	11302m	0.197	ppbv	
81) 1,2,4-Trichlorobenzene	21.92	180	40434m	0.413	ppbv	

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

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Manual Integrations
APPROVED

Quant Time: Jun 08 06:33:17 2022

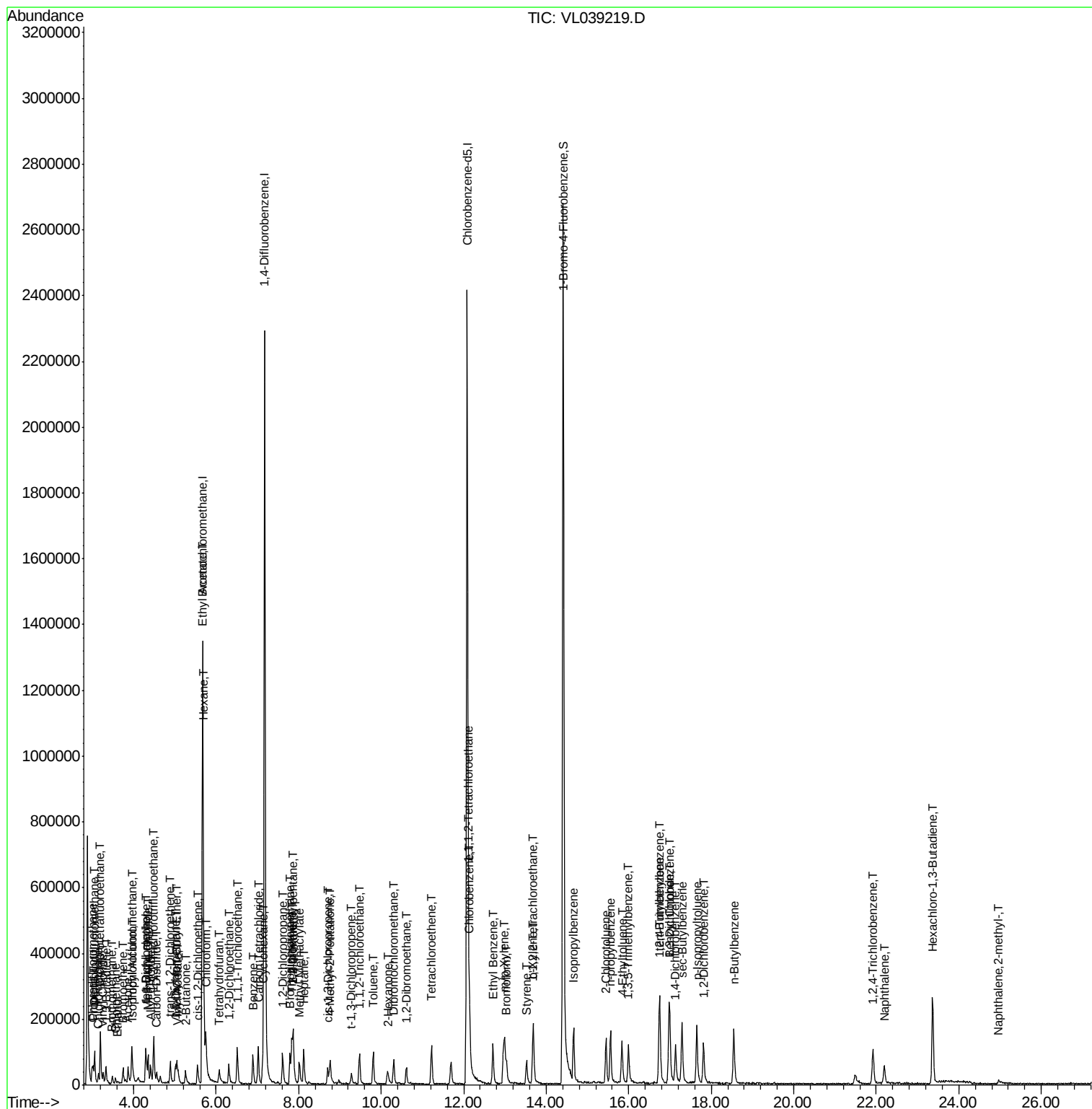
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122

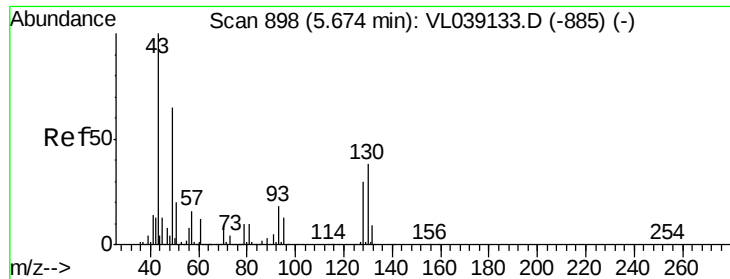
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Wed Jun 01 01:22:18 2022

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Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: LOD-MDL-AIR-01-QT2-2022

Acq: 7 Jun 2022 21:35

Tot Ion:

Ion Ratio

49 100

128 48.

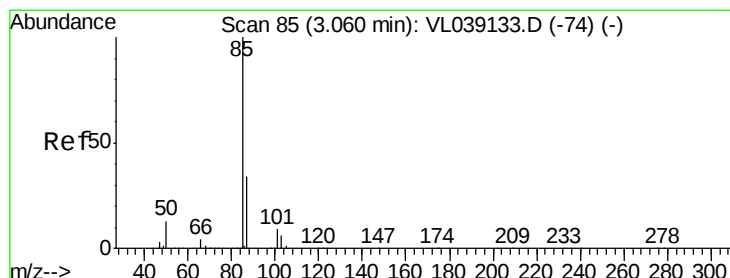
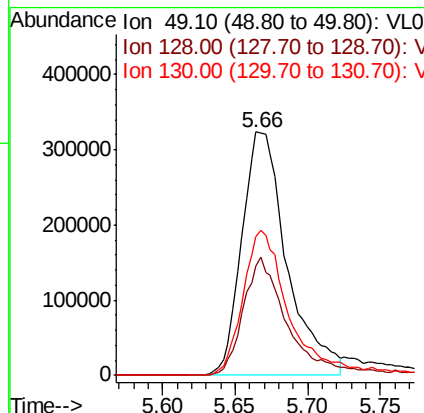
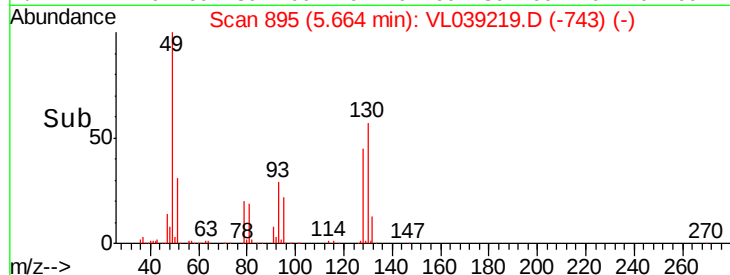
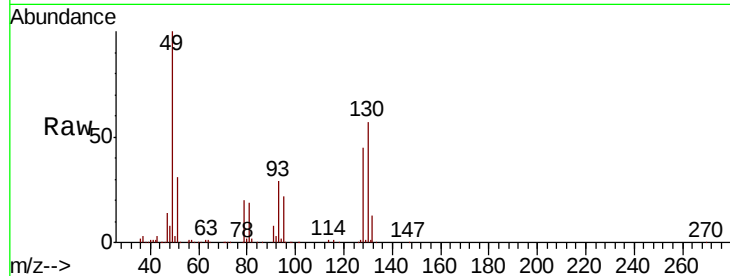
130 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#2

Dichlorodifluoromethane

Concen: 0.603 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.01 min

Lab File: VL039219.D

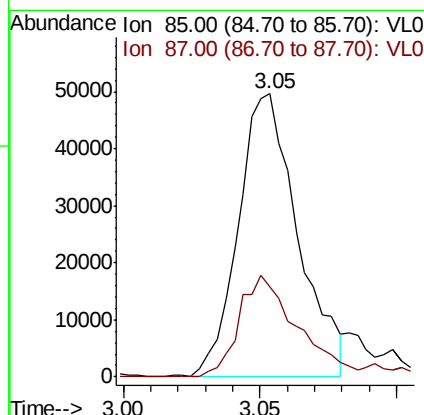
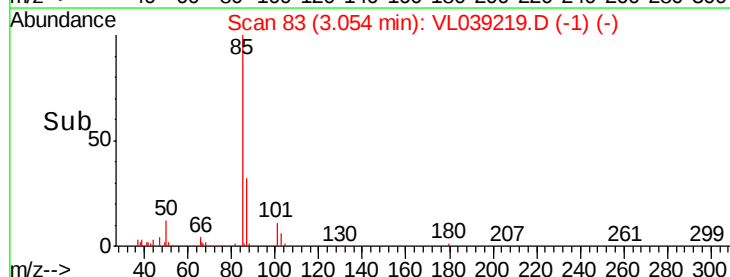
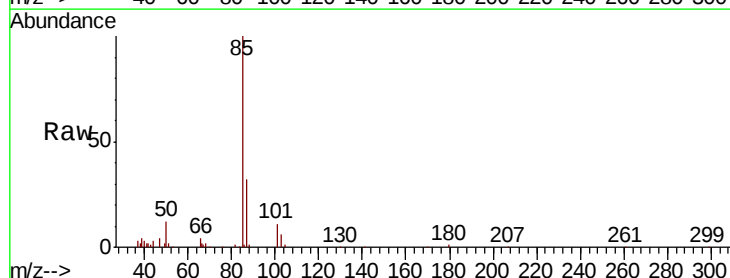
Acq: 7 Jun 2022 21:35

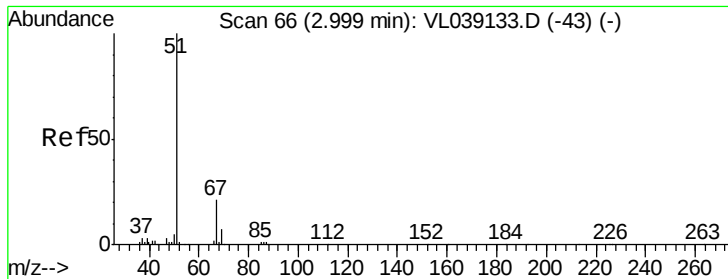
Tgt Ion: 85 Resp: 74634

Ion Ratio Lower Upper

85 100

87 32.0 26.9 40.3





#3

Chlorodifluoromethane

Concen: 0.639 ppbv

RT: 2.99 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: LOD-MDL-AIR-01-QT2-2022

Acq: 7 Jun 2022 21:35

Tot Ion:

Ion Ratio

51 100

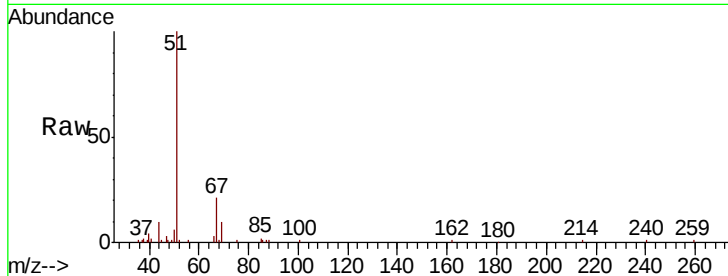
67 19.

Manual Integrations

APPROVED

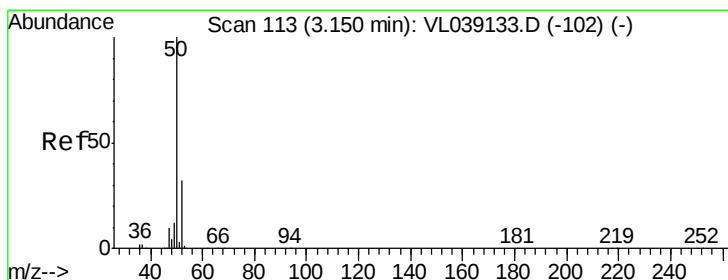
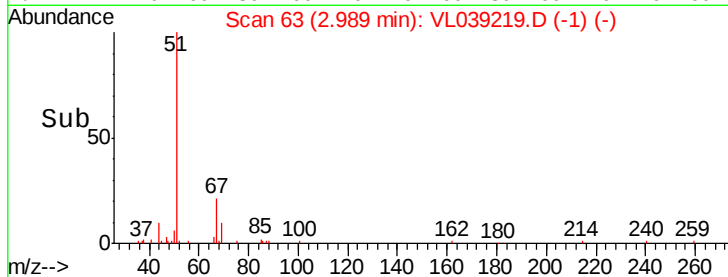
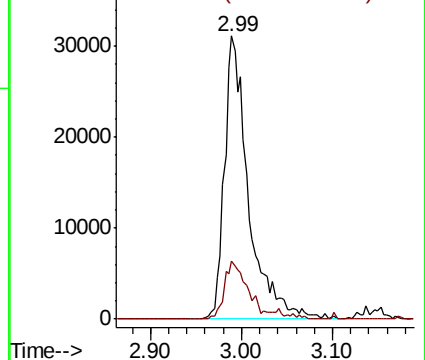
Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.628 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039219.D

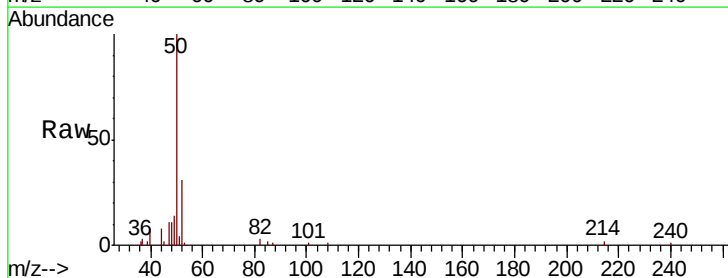
Acq: 7 Jun 2022 21:35

Tgt Ion: 50 Resp: 28914

Ion Ratio Lower Upper

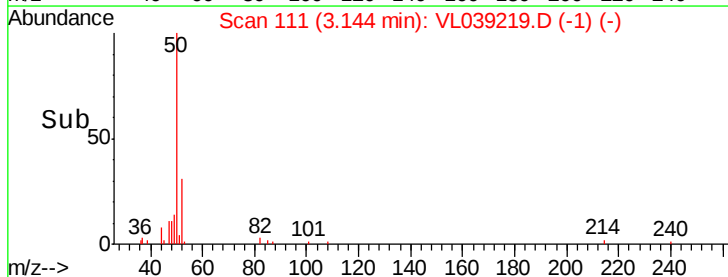
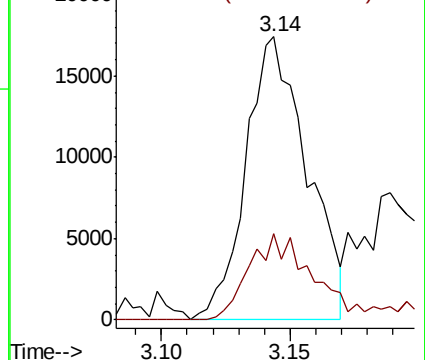
50 100

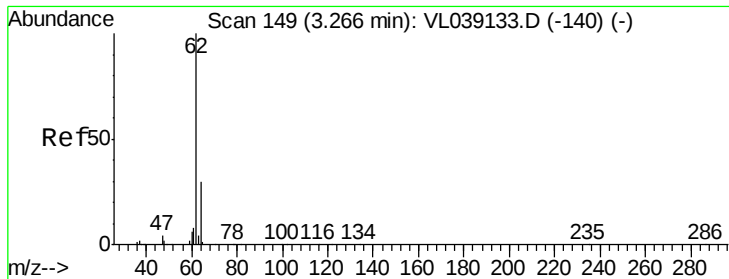
52 29.3 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.597 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

62 100

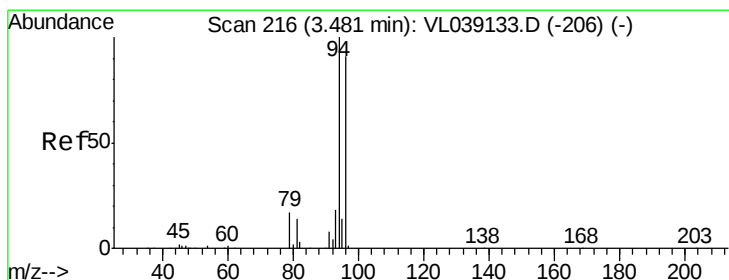
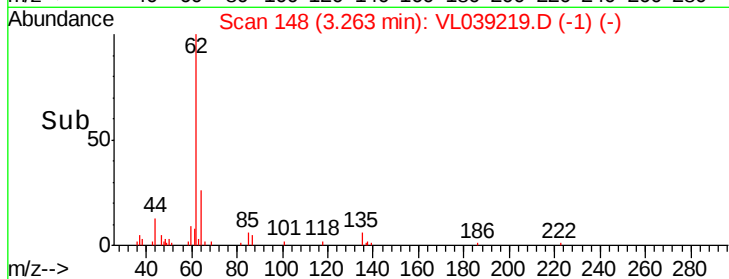
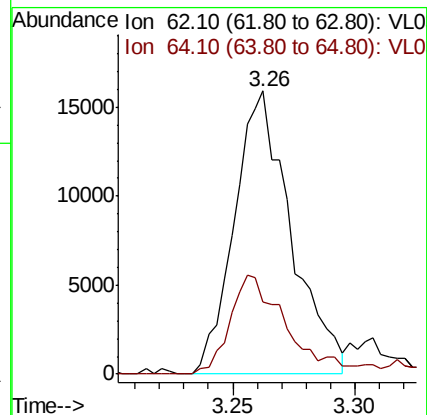
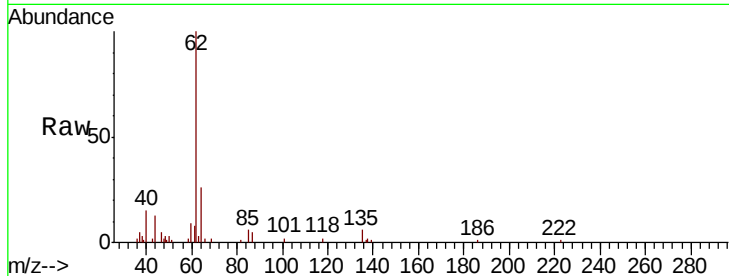
64 25.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#6

Bromomethane

Concen: 0.658 ppbv m

RT: 3.47 min Scan# 214

Delta R.T. -0.01 min

Lab File: VL039219.D

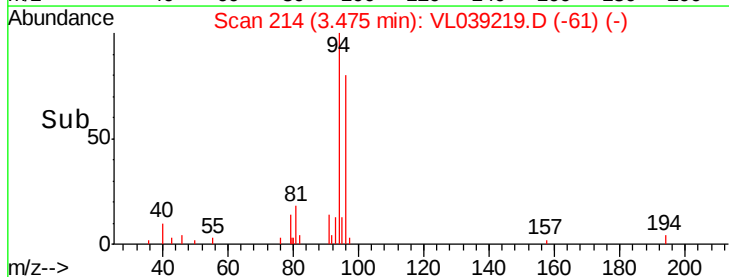
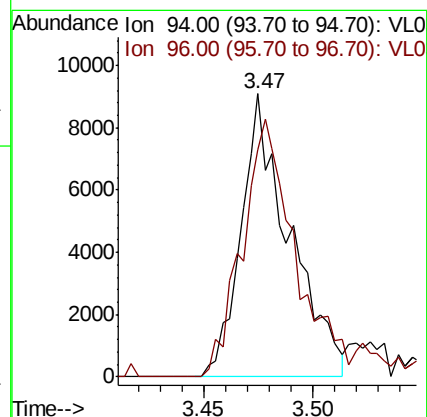
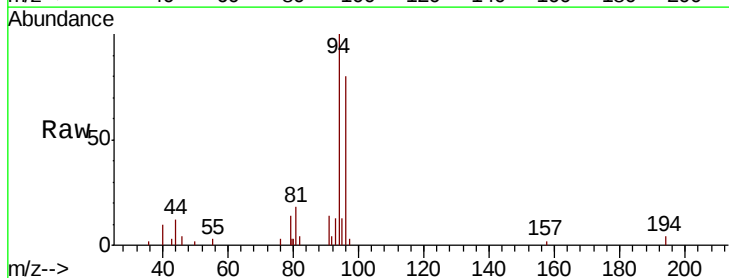
Acq: 7 Jun 2022 21:35

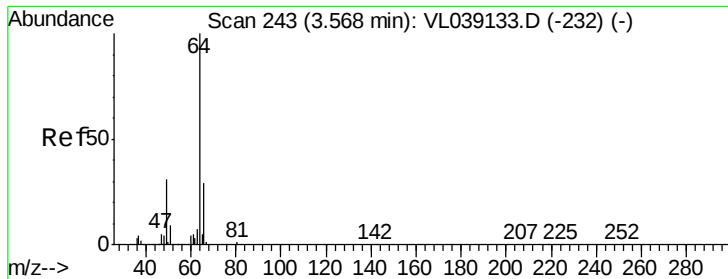
Tgt Ion: 94 Resp: 13943

Ion Ratio Lower Upper

94 100

96 80.2 73.0 109.4





#7

Chloroethane

Concen: 0.740 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

64 100

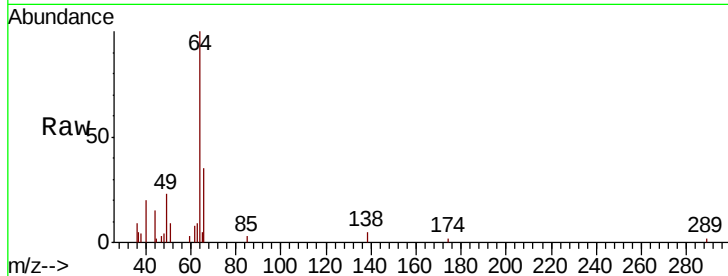
66 35.

Manual Integrations

APPROVED

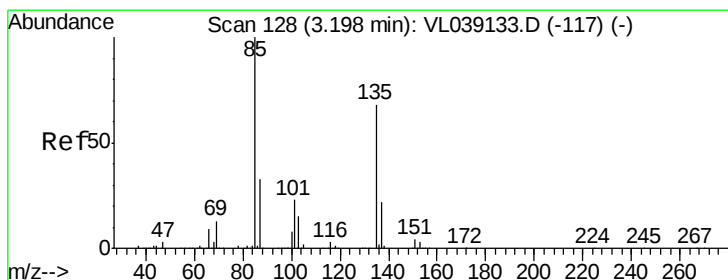
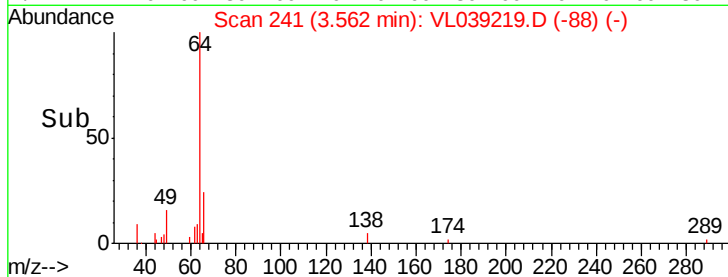
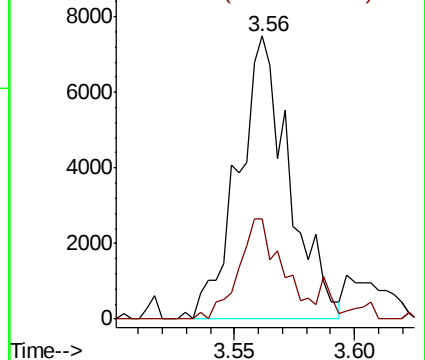
Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.622 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.01 min

Lab File: VL039219.D

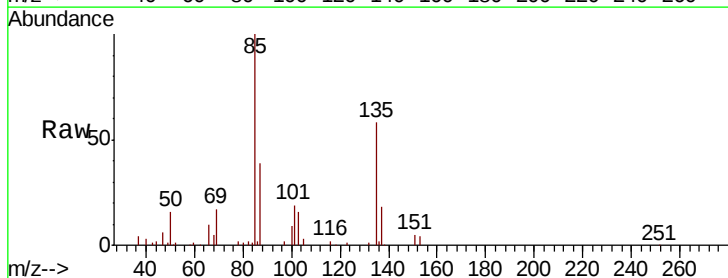
Acq: 7 Jun 2022 21:35

Tgt Ion: 85 Resp: 70370

Ion Ratio Lower Upper

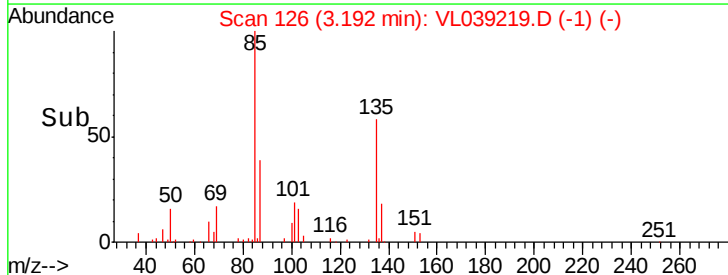
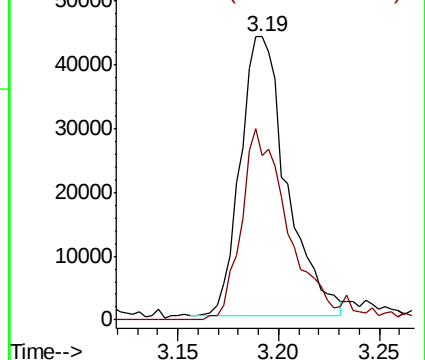
85 100

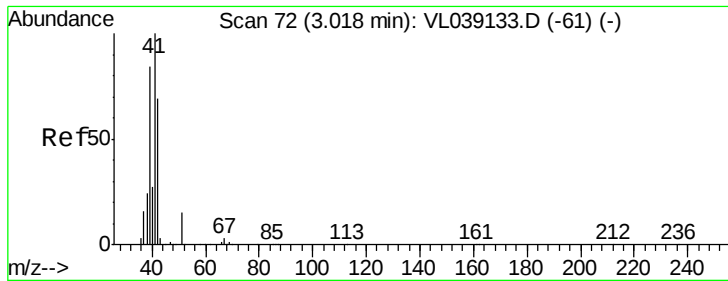
135 73.5 55.0 82.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.543 ppbv m

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

41 100

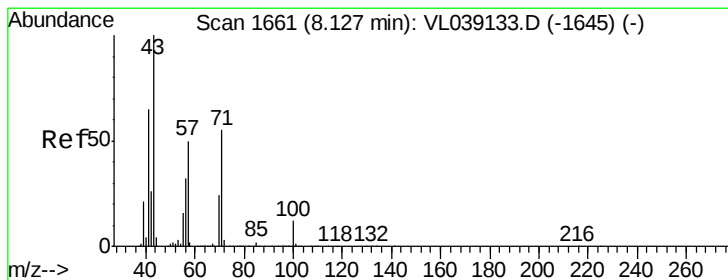
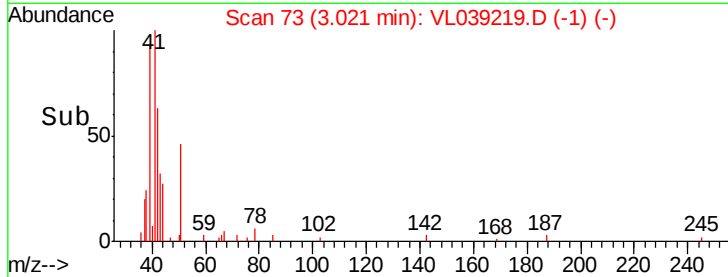
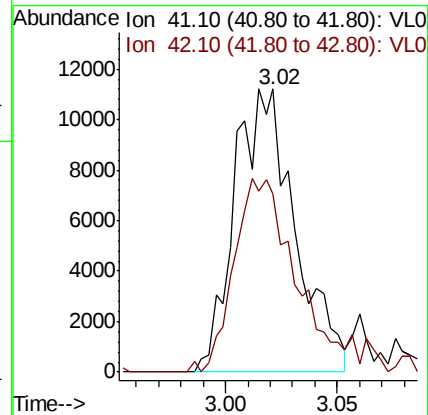
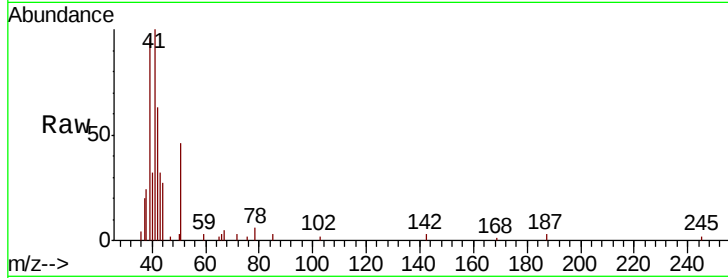
42 75.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#10

Heptane

Concen: 0.487 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL039219.D

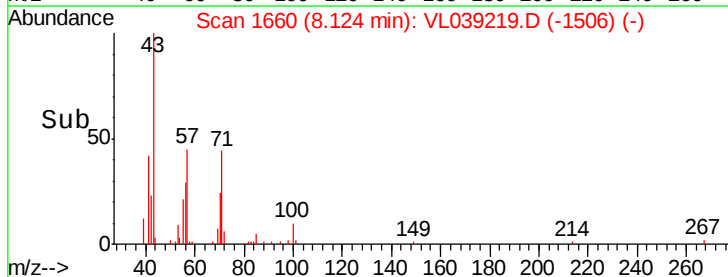
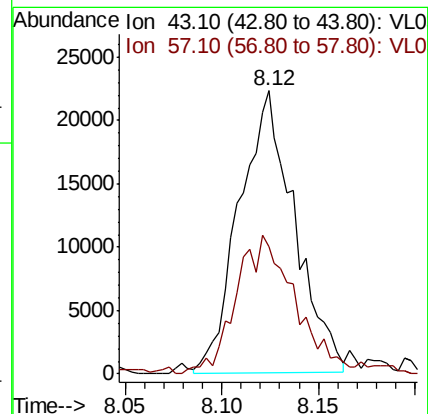
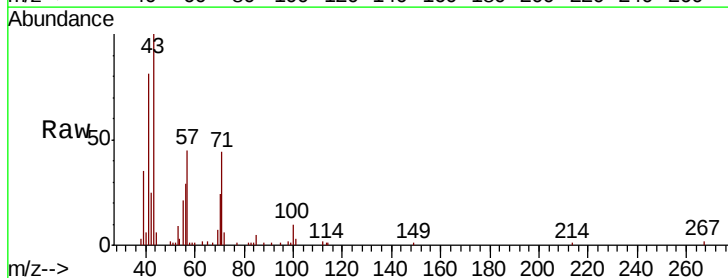
Acq: 7 Jun 2022 21:35

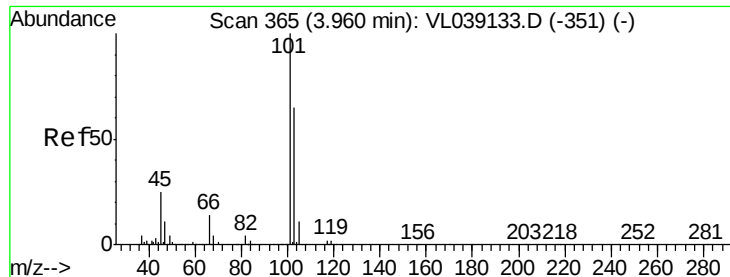
Tgt Ion: 43 Resp: 44408

Ion Ratio Lower Upper

43 100

57 54.4 41.4 62.2





#11

Trichlorofluoromethane

Concen: 0.727 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1

Ion Rati

101 100

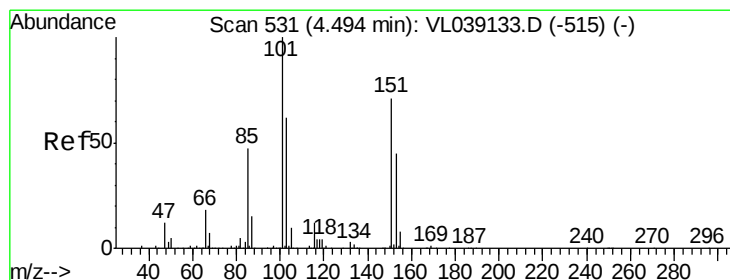
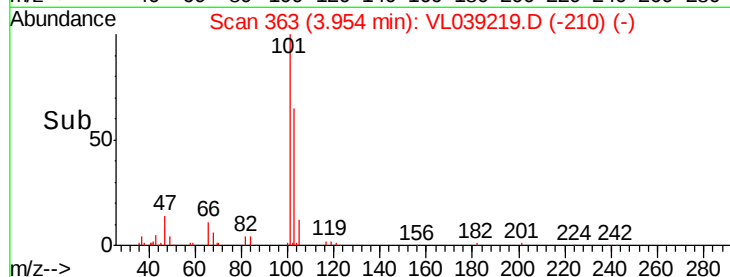
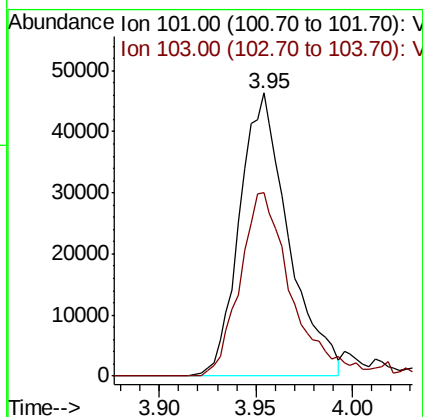
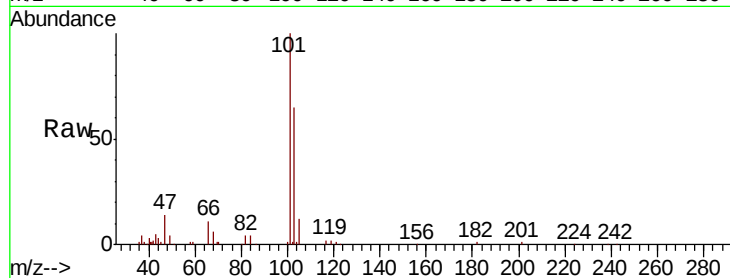
103 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.788 ppbv

RT: 4.49 min Scan# 530

Delta R.T. -0.00 min

Lab File: VL039219.D

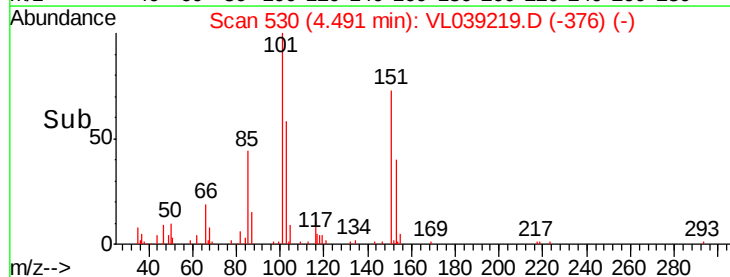
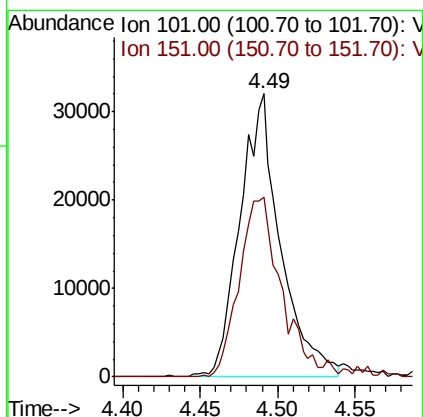
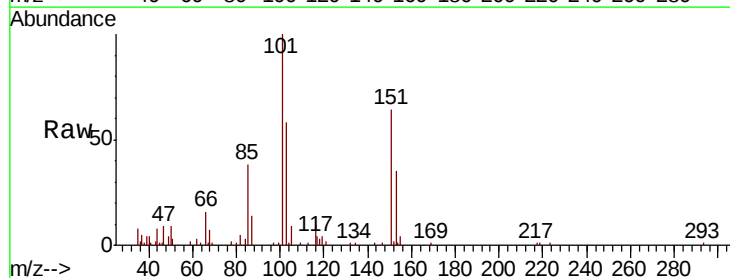
Acq: 7 Jun 2022 21:35

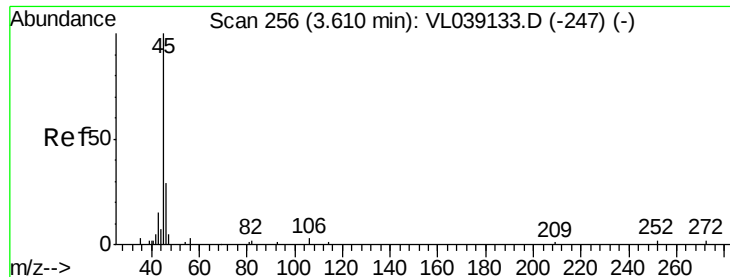
Tgt Ion:101 Resp: 58370

Ion Ratio Lower Upper

101 100

151 68.7 59.4 89.0



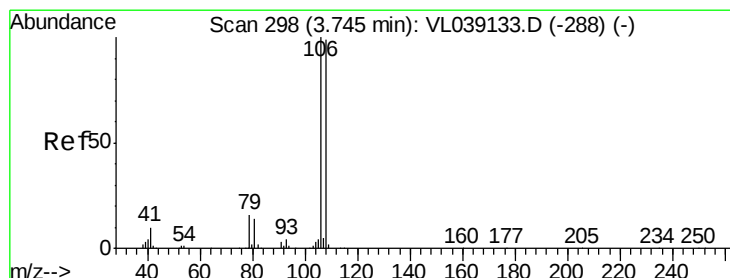
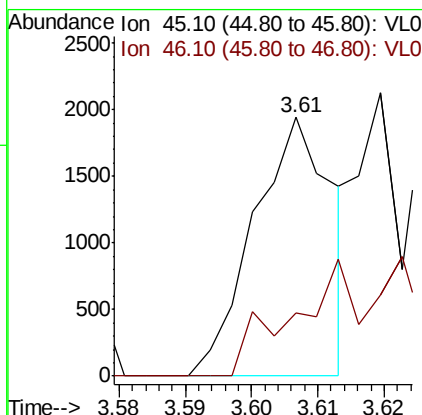
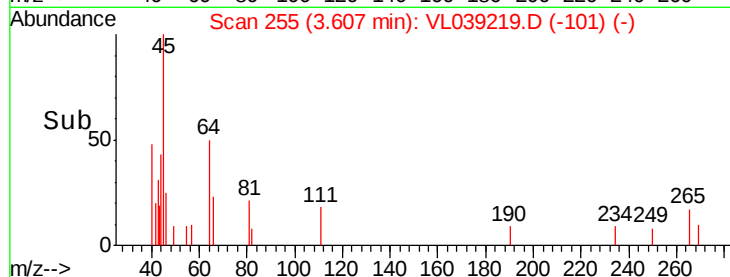
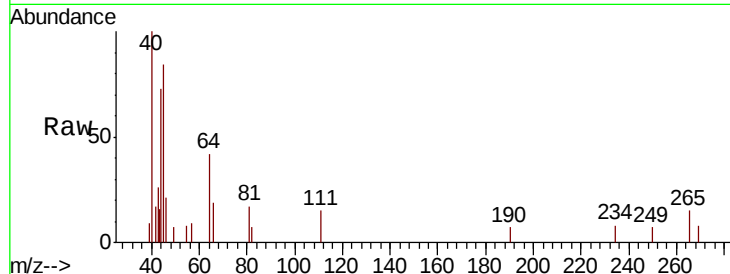


#13
 Ethanol
 Concen: 0.751 ppbv
 RT: 3.61
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 21:35

Tot Ion:
 Ion Ratio
 45 100
 46 0.

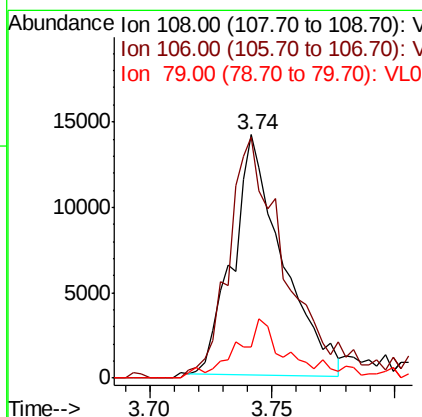
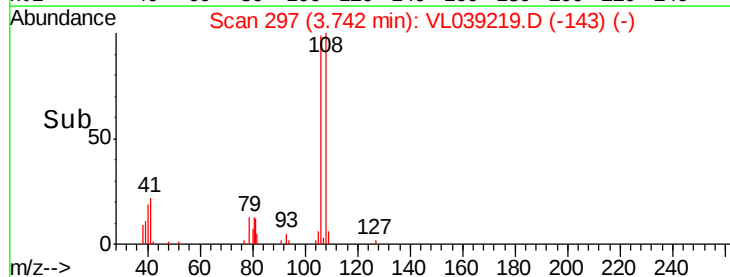
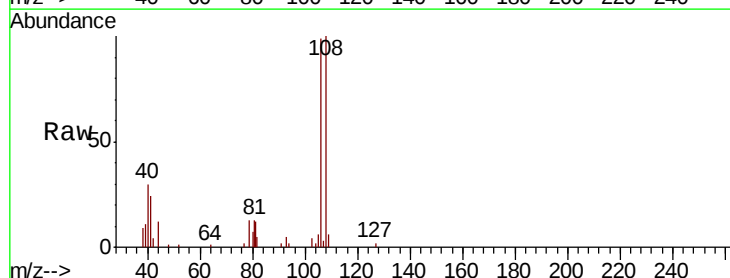
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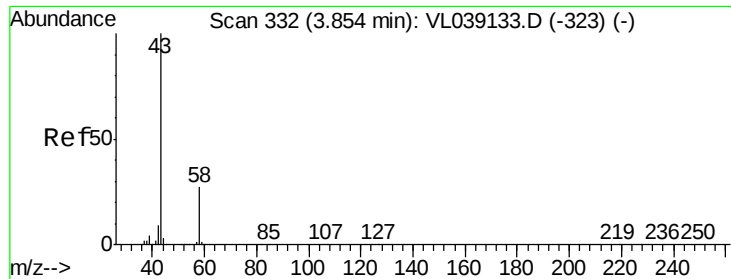
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#14
 Bromoethene
 Concen: 0.599 ppbv
 RT: 3.74 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

Tgt Ion:108 Resp: 19951
 Ion Ratio Lower Upper
 108 100
 106 124.8 88.4 132.6
 79 25.8 13.4 20.2#





#15

Acetone

Concen: 0.795 ppbv m

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35

Tot Ion:

Ion Ratio

43 100

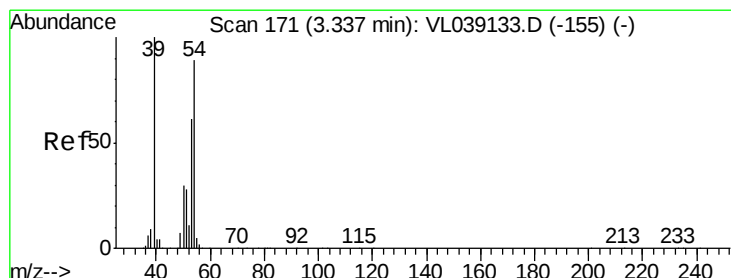
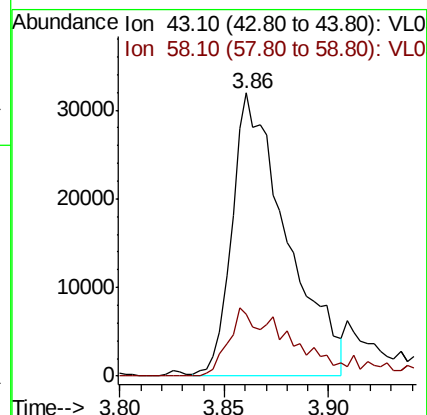
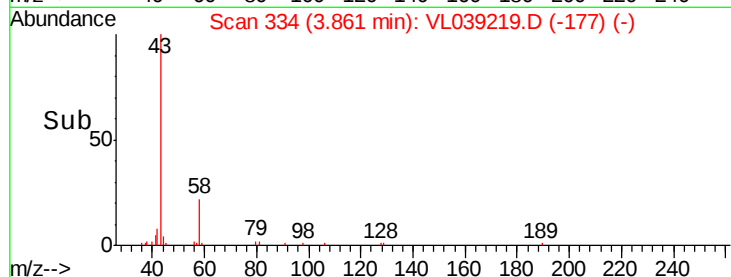
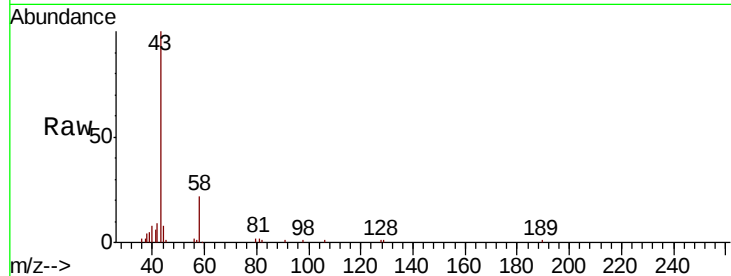
58 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#16

1,3-Butadiene

Concen: 0.676 ppbv m

RT: 3.33 min Scan# 168

Delta R.T. -0.01 min

Lab File: VL039219.D

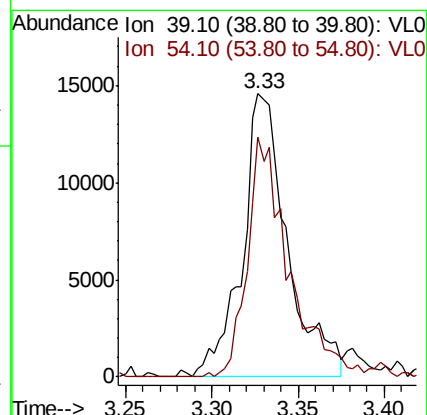
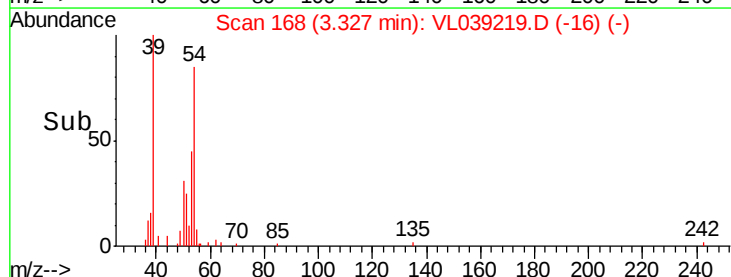
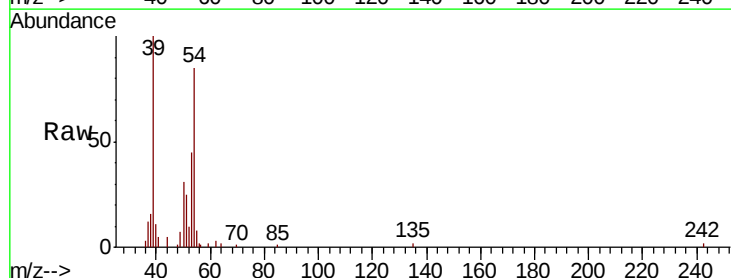
Acq: 7 Jun 2022 21:35

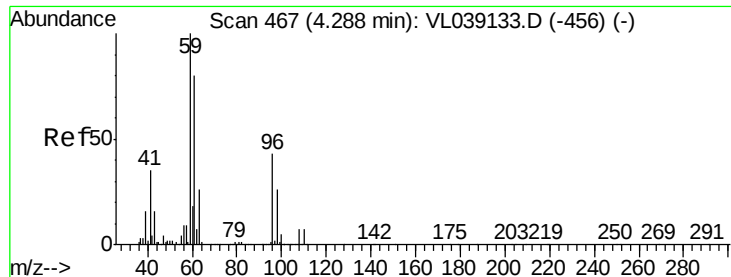
Tgt Ion: 39 Resp: 26655

Ion Ratio Lower Upper

39 100

54 79.4 65.8 98.6





#17

tert-Butyl alcohol

Concen: 0.750 ppbv

RT: 4.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 21:35

Tot Ion:

Ion Ratio

59 100

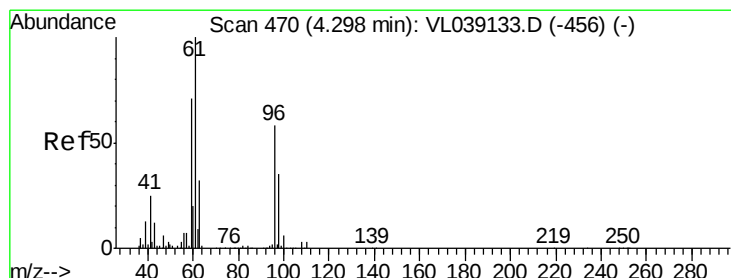
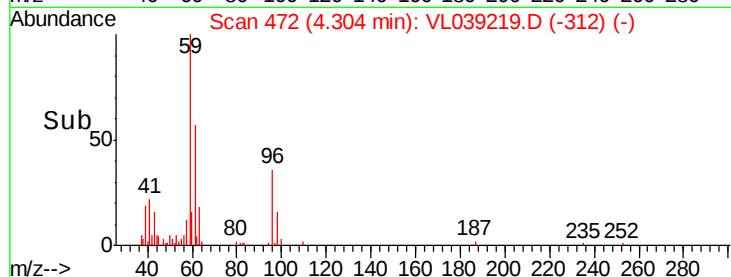
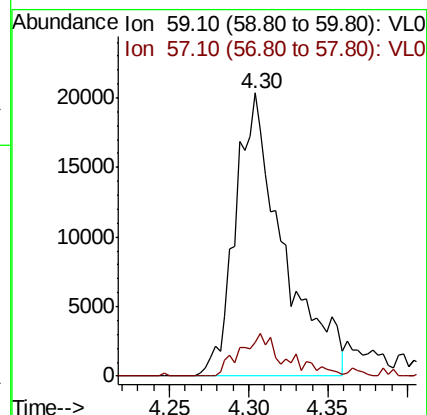
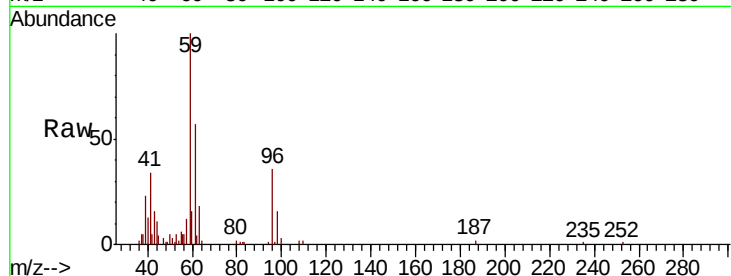
57 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#18

1,1-Dichloroethene

Concen: 0.714 ppbv

RT: 4.29 min Scan# 468

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

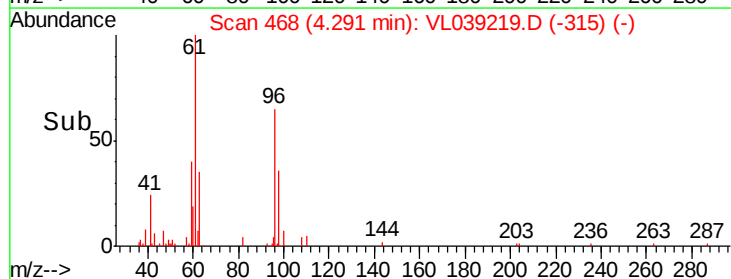
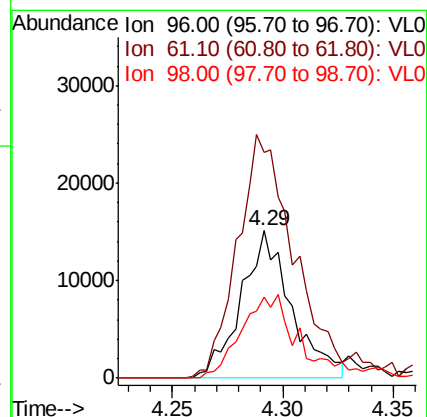
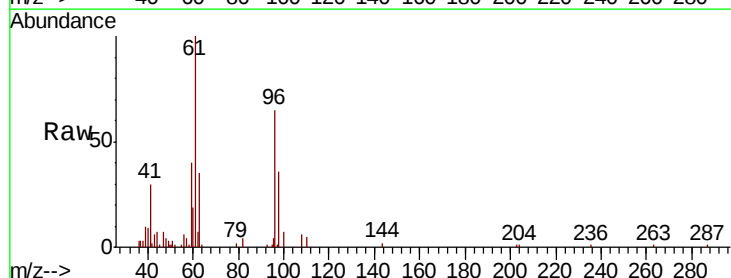
Tgt Ion: 96 Resp: 23742

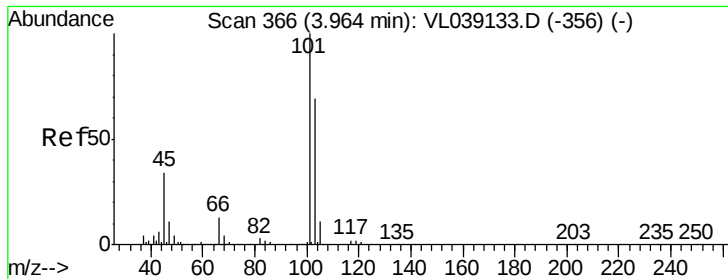
Ion Ratio Lower Upper

96 100

61 151.7 138.4 207.6

98 55.1 47.8 71.8





#19

Isopropyl Alcohol

Concen: 0.679 ppbv m

RT: 3.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

45 100

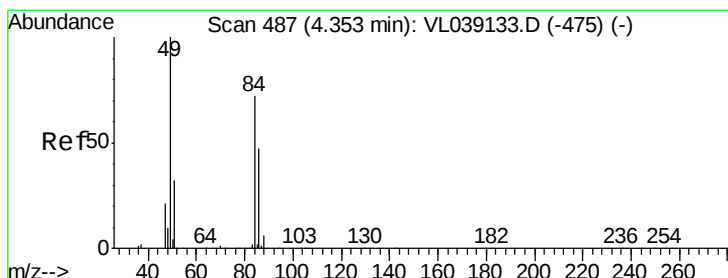
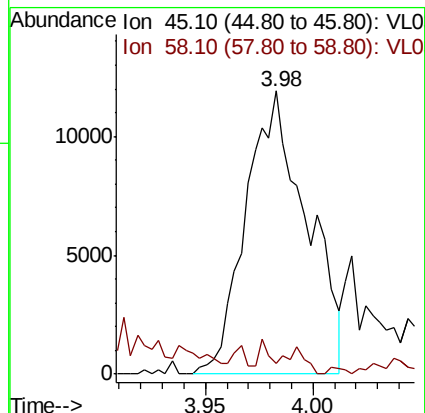
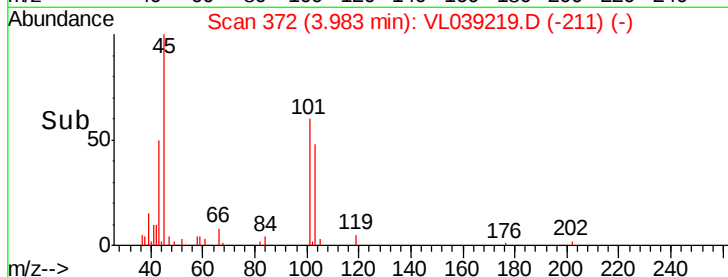
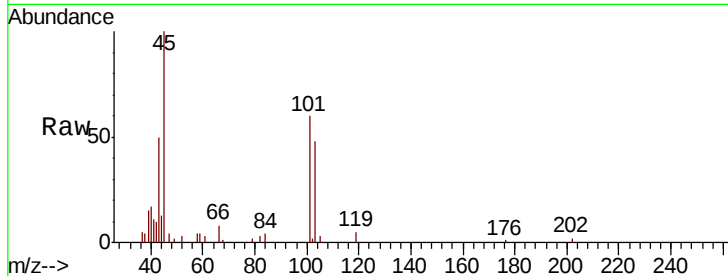
58 0.

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APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#20

Methylene Chloride

Concen: 0.965 ppbv m

RT: 4.35 min Scan# 486

Delta R.T. -0.00 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tgt Ion: 84 Resp: 29854

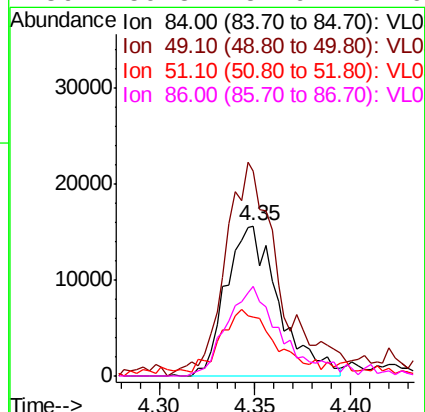
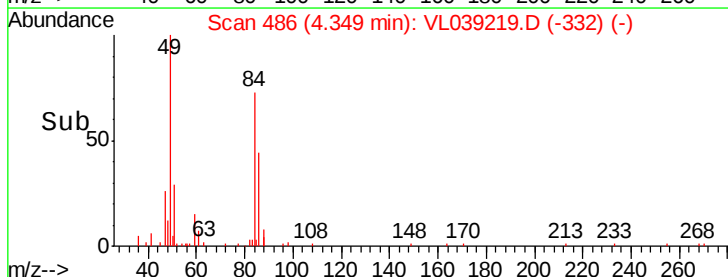
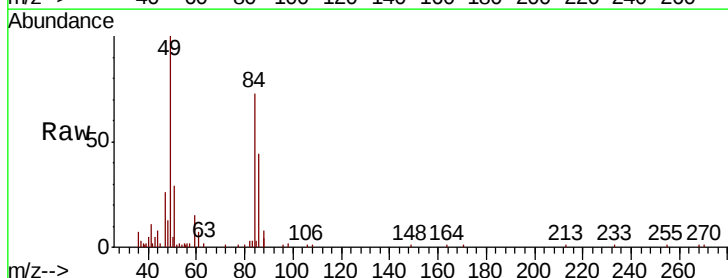
Ion Ratio Lower Upper

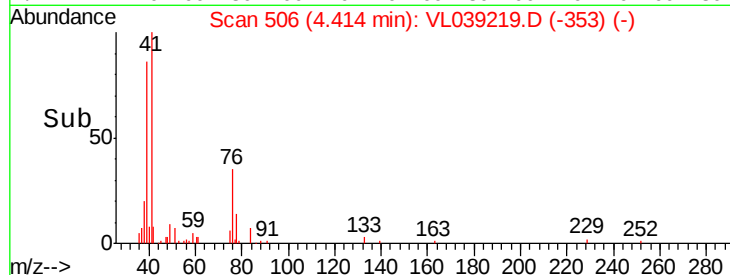
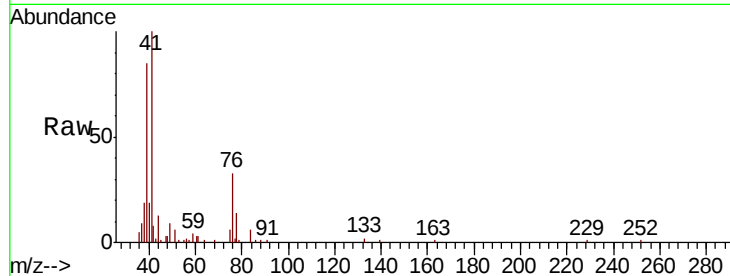
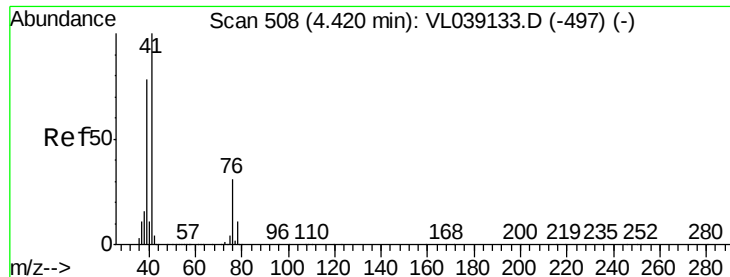
84 100

49 137.1 111.1 166.7

51 39.6 35.3 52.9

86 59.8 51.9 77.9



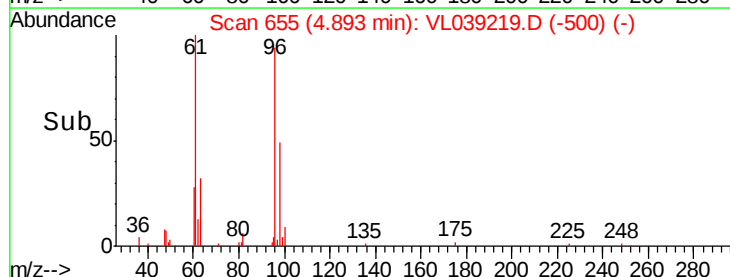
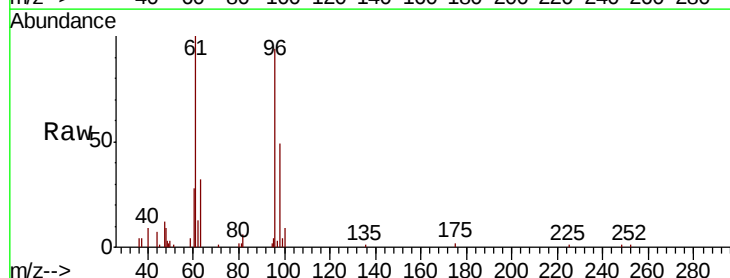
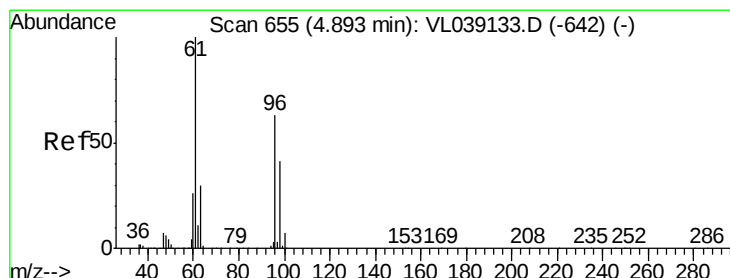
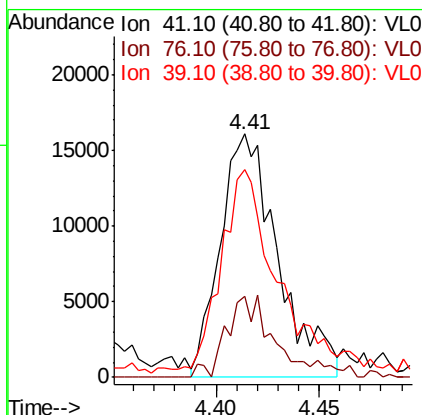


#21
Allvl Chloride
Concen: 0.631 ppbv m
RT: 4.41
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:
Ion Ratio
41 100
76 29.
39 90.

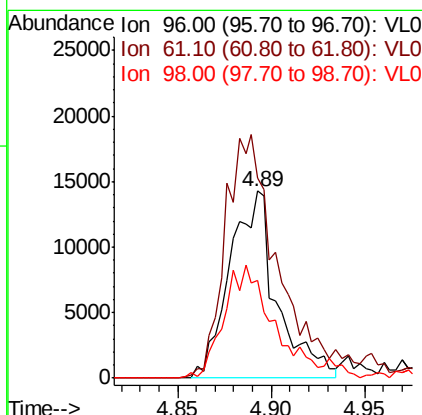
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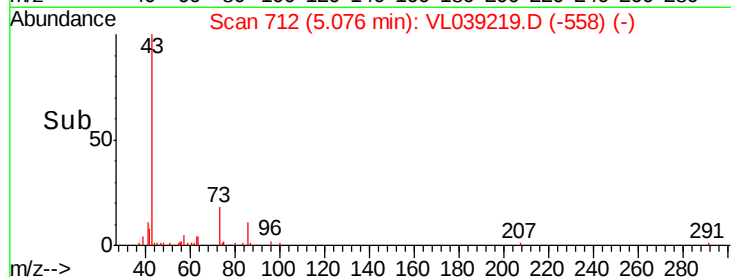
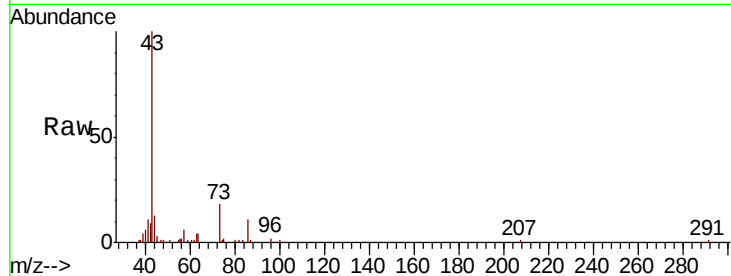
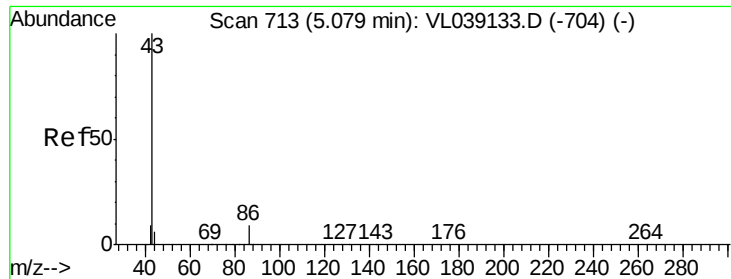
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#22
trans-1,2-Dichloroethene
Concen: 0.776 ppbv m
RT: 4.89 min Scan# 655
Delta R.T. -0.00 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion: 96 Resp: 24803
Ion Ratio Lower Upper
96 100
61 106.8 126.6 190.0#
98 52.2 52.5 78.7#



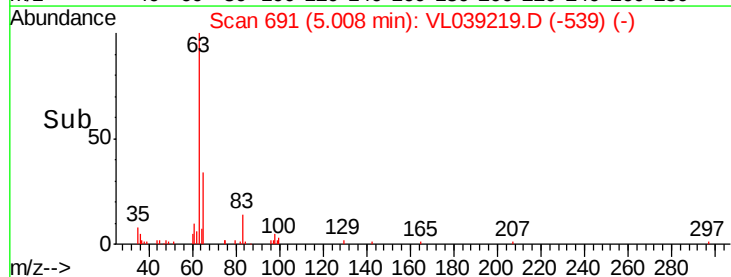
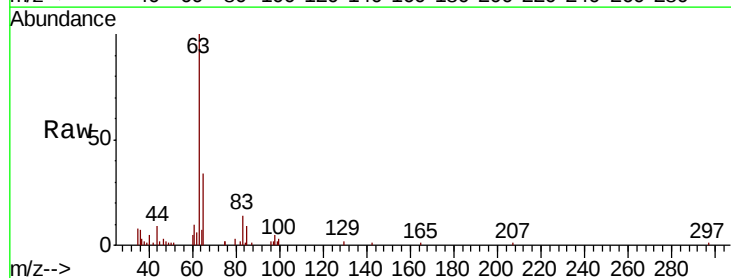
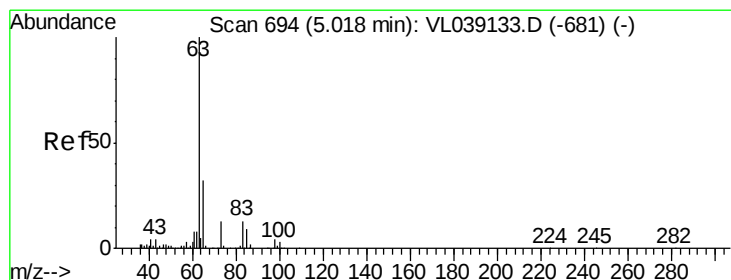
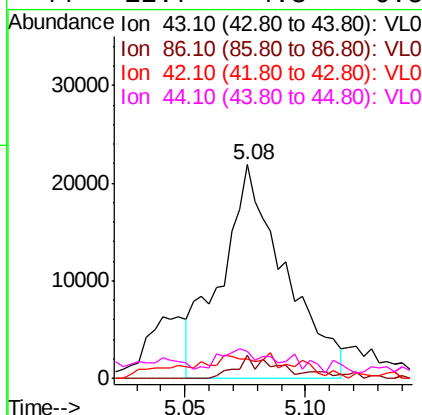


#23
 Vinyl Acetate
 Concen: 0.662 ppbv m
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 21:35

Tot Ion:
 Ion Ratio
 43 100
 86 10.
 42 9.
 44 12.7 4.3 6.5#

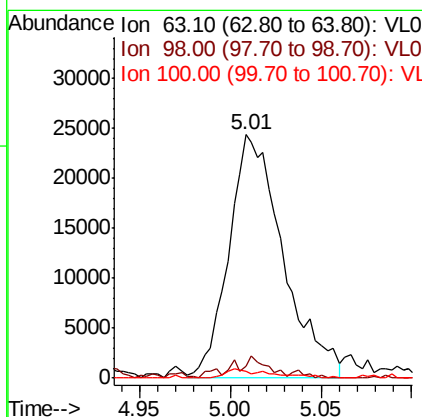
Manual Integrations
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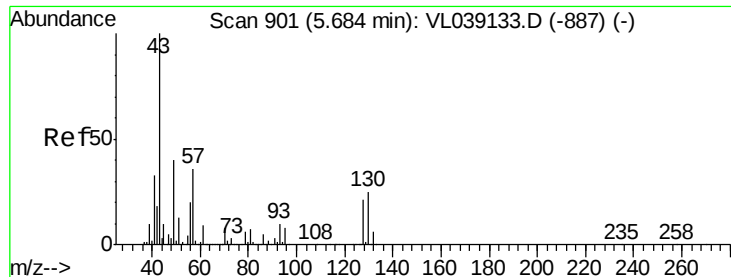
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#24
 1,1-Dichloroethane
 Concen: 0.610 ppbv m
 RT: 5.01 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

Tgt Ion: 63 Resp: 50775
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.1 6.2
 100 2.7 1.5 4.5



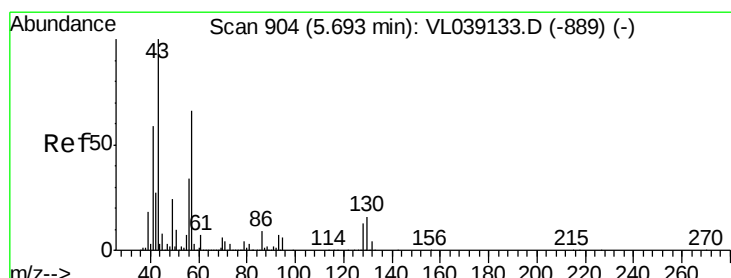
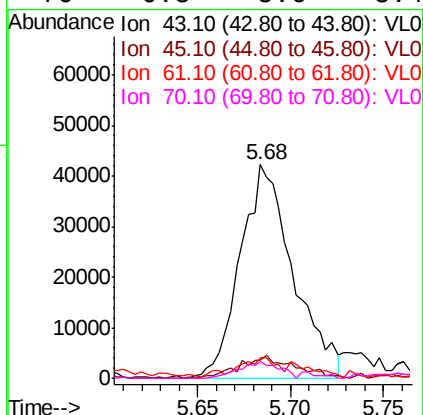
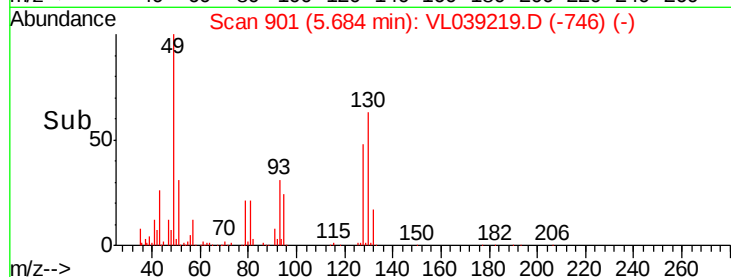
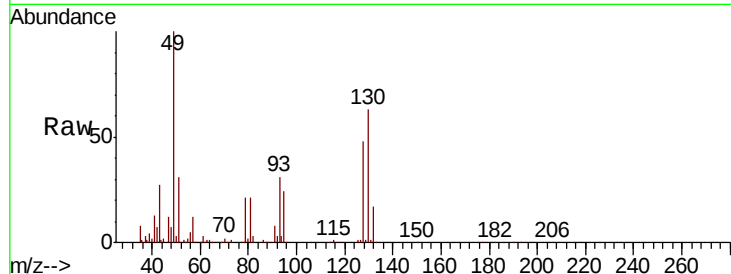


#25
Ethyl Acetate
Concen: 0.507 ppbv
RT: 5.68 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 21:35
LOD-MDL-AIR-01-QT2-2022

Tot Ion:
Ion Ratio
43 100
45 12.
61 12.
70 6.8 5.6 8.4

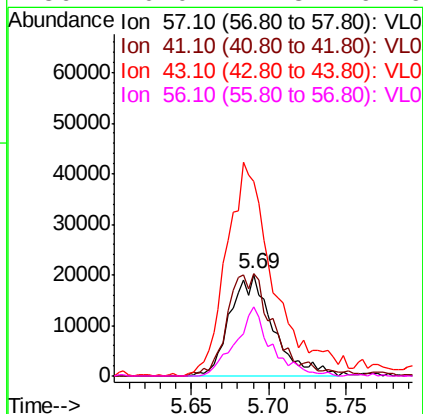
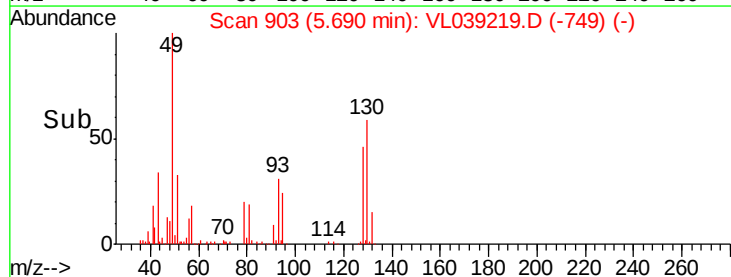
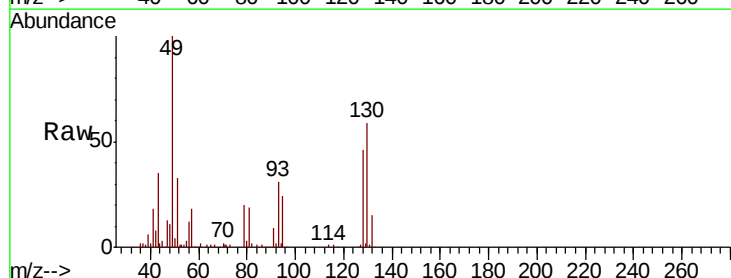
Manual Integrations
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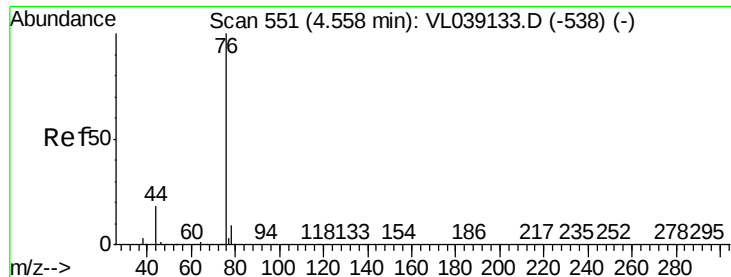
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#26
Hexane
Concen: 0.530 ppbv m
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion: 57 Resp: 38508
Ion Ratio Lower Upper
57 100
41 0.0 72.4 108.6#
43 240.2 187.0 280.6
56 0.0 41.8 62.6#



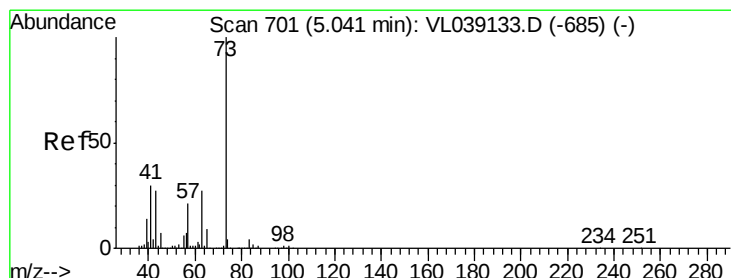
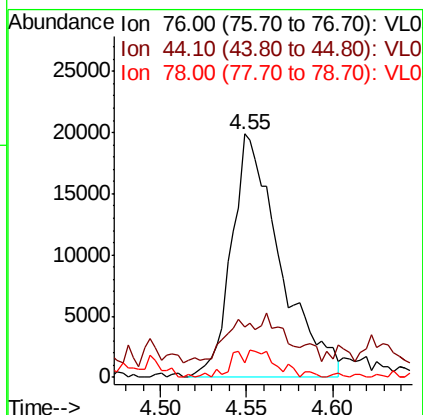
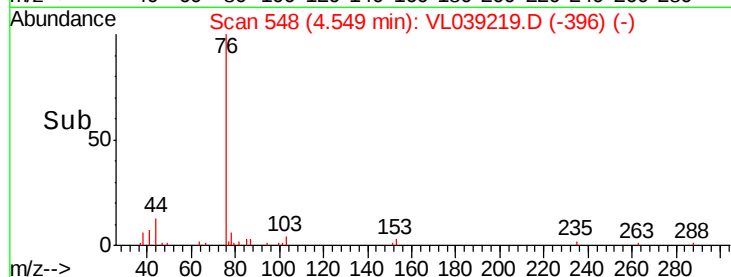
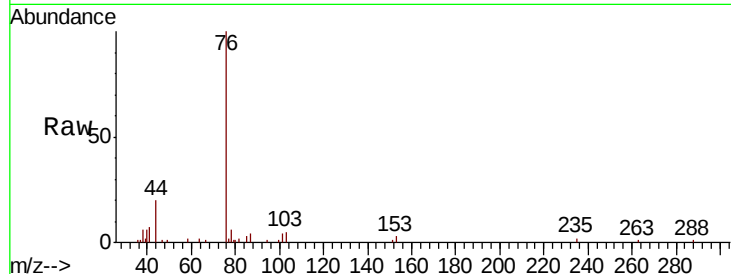


#27
Carbon Disulfide
Concen: 0.519 ppbv m
RT: 4.55 Instrument: MSVOA_L
Delta R.T. ClientSampleId:
Lab File: LOD-MDL-AIR-01-QT2-2022
Acq: 7 Jun 2022 21:35

Tot Ion:
Ion Ratio
76 100
44 24.
78 11.

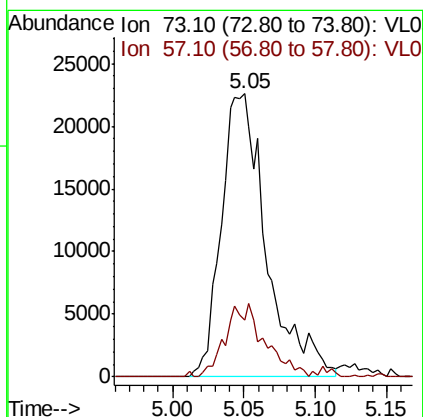
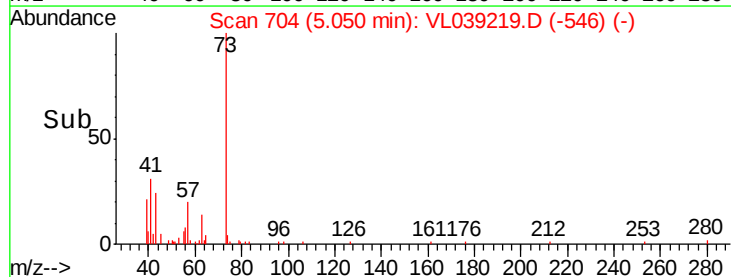
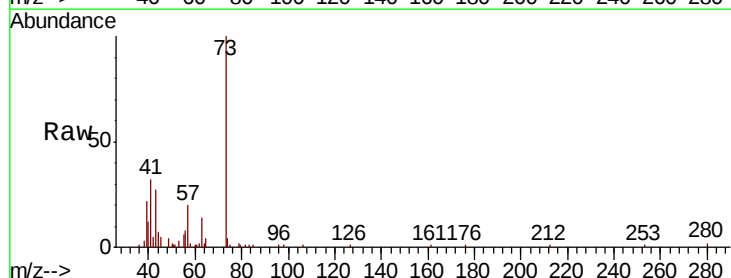
Manual Integrations
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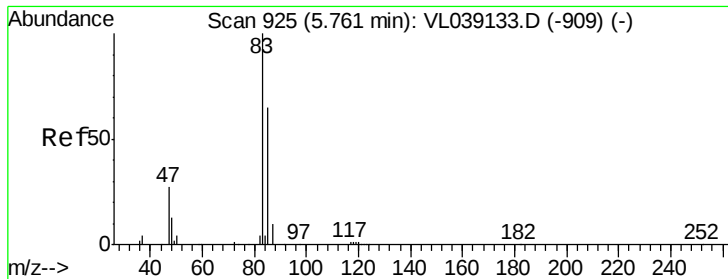
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#28
Methyl tert-Butyl Ether
Concen: 0.621 ppbv m
RT: 5.05 min Scan# 704
Delta R.T. 0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion: 73 Resp: 49839
Ion Ratio Lower Upper
73 100
57 0.0 18.6 27.8#





#29

Chloroform

Concen: 0.592 ppbv

RT: 5.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

83 100

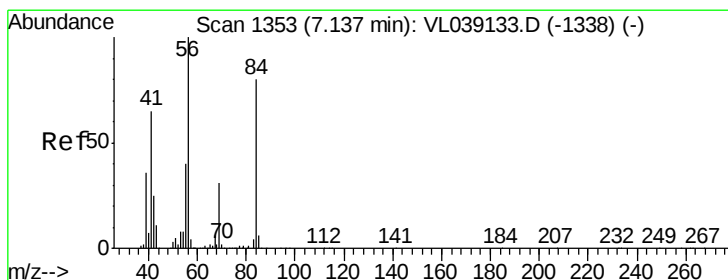
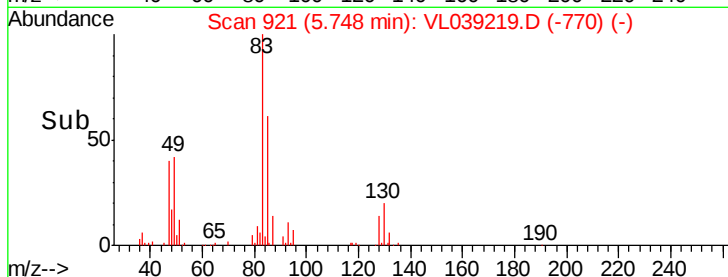
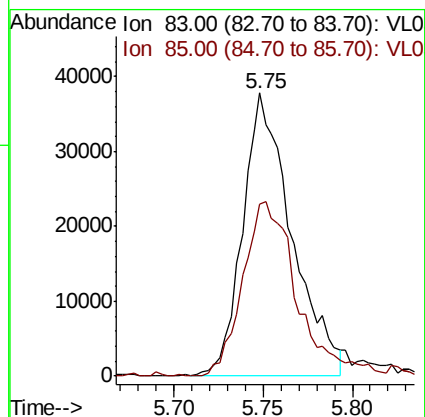
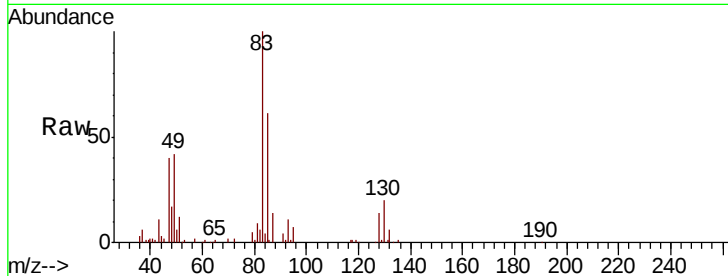
85 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#30

Cyclohexane

Concen: 0.475 ppbv m

RT: 7.13 min Scan# 1352

Delta R.T. -0.00 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

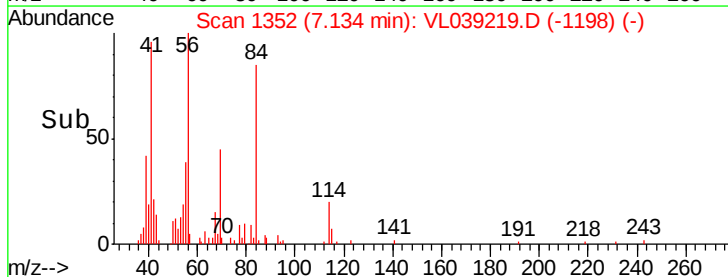
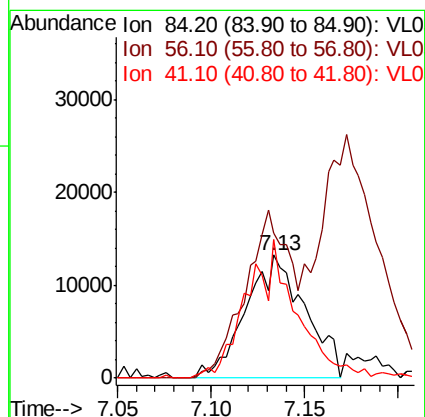
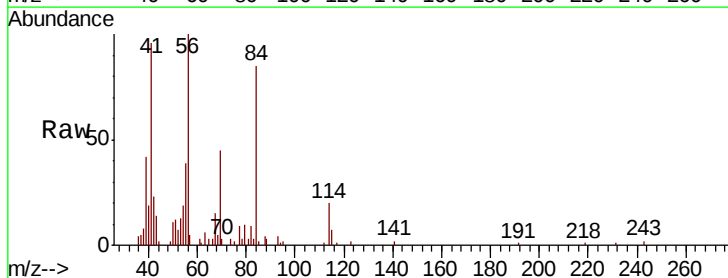
Tgt Ion: 84 Resp: 29036

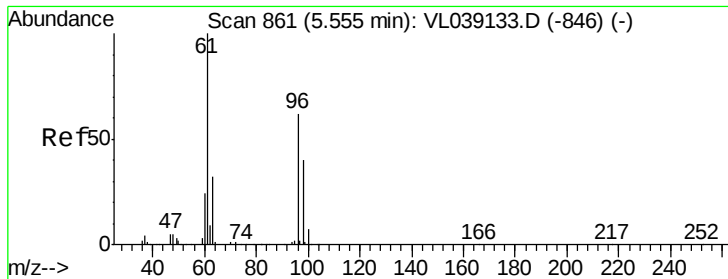
Ion Ratio Lower Upper

84 100

56 0.0 110.6 165.8#

41 0.0 68.9 103.3#



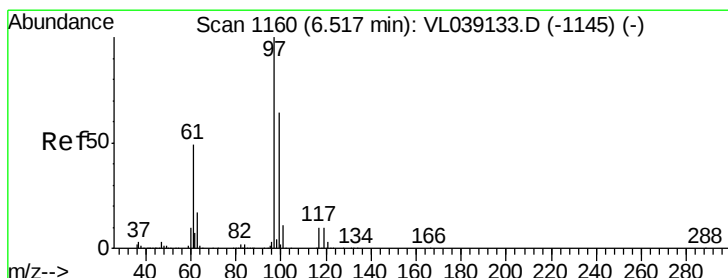
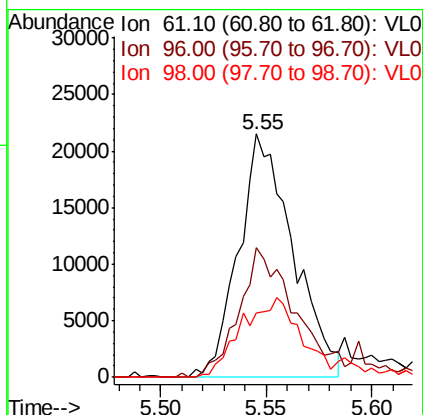
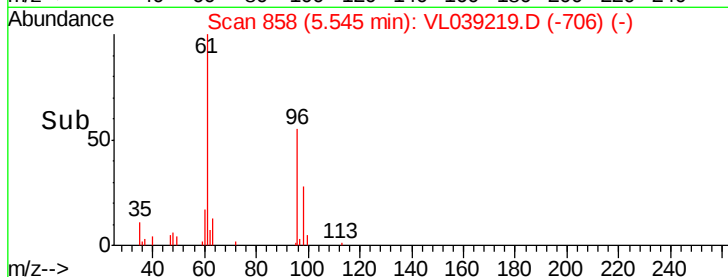
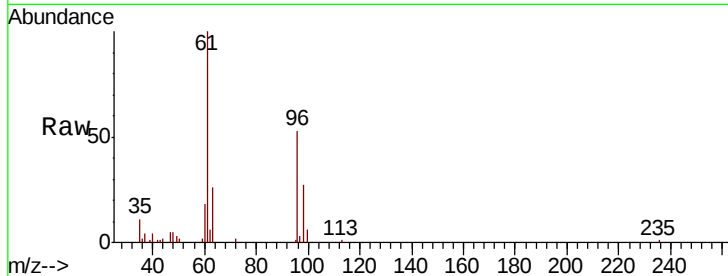


#31
 cis-1,2-Dichloroethene
 Concen: 0.521 ppbv
 RT: 5.55
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 21:35

Tot Ion:
 Ion Ratio
 61 100
 96 53.
 98 26.

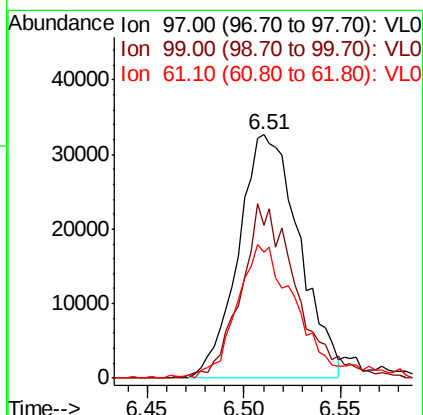
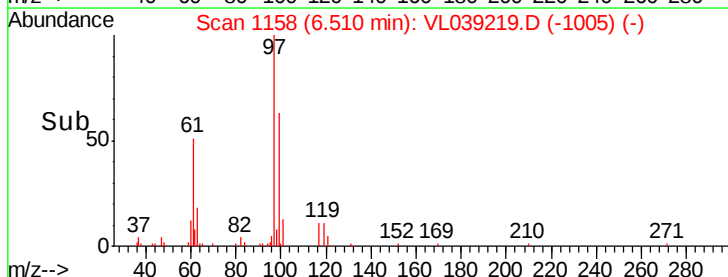
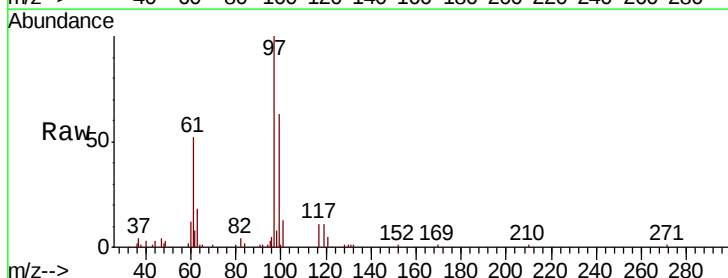
Manual Integrations
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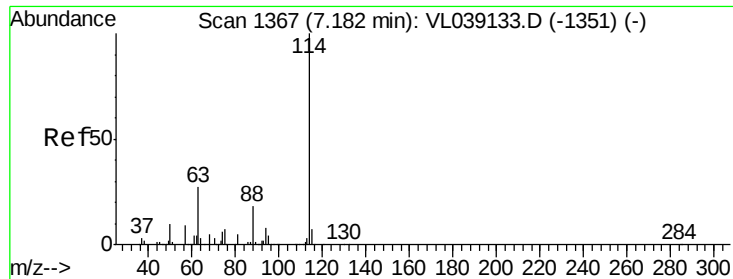
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.597 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

Tgt Ion: 97 Resp: 71489
 Ion Ratio Lower Upper
 97 100
 99 66.4 52.1 78.1
 61 55.5 40.0 60.0



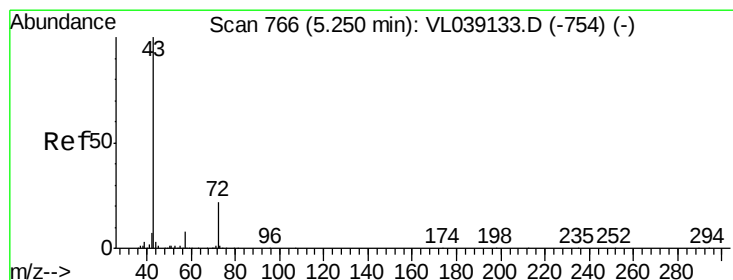
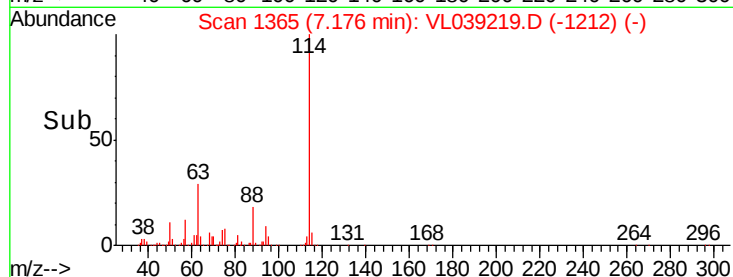
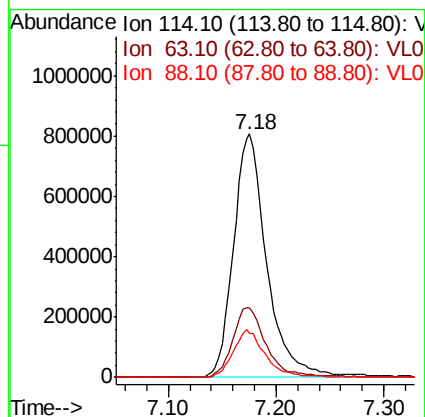
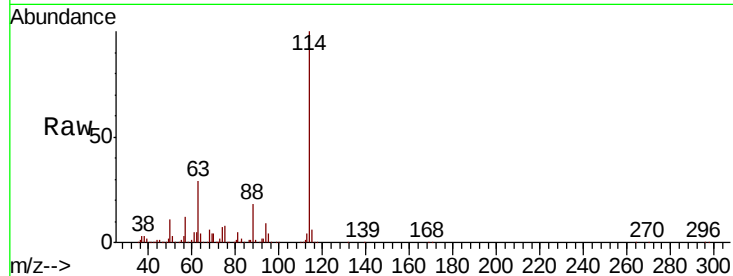


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 21:35

Tot Ion: 1
 Ion Ratio
 114 100
 63 29.
 88 19.

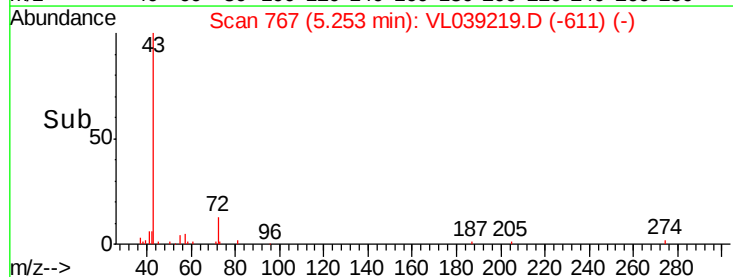
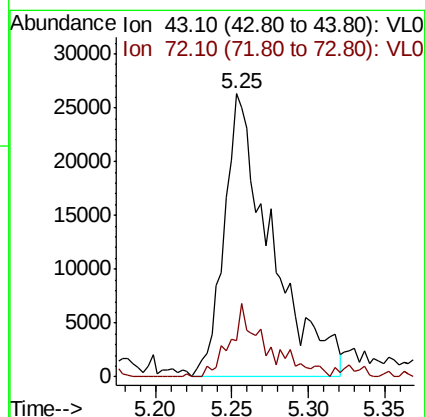
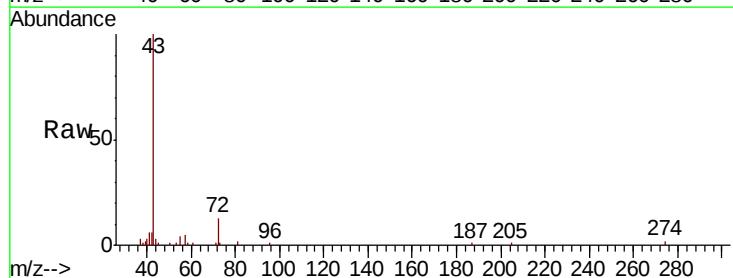
Manual Integrations
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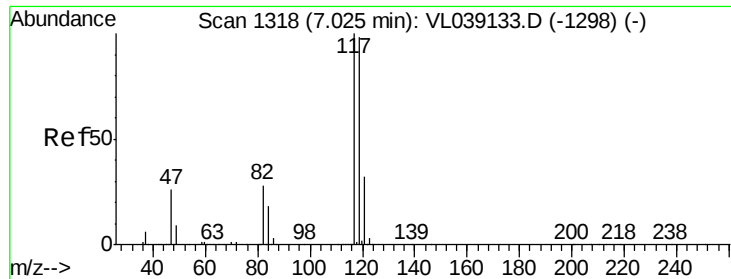
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#34
 2-Butanone
 Concen: 0.600 ppbv m
 RT: 5.25 min Scan# 767
 Delta R.T.: 0.00 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

Tgt Ion: 43 Resp: 56152
 Ion Ratio Lower Upper
 43 100
 72 19.8 18.2 27.2





#35

Carbon Tetrachloride

Concen: 0.568 ppbv m

RT: 7.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1

Ion Rati

117 100

119 91.

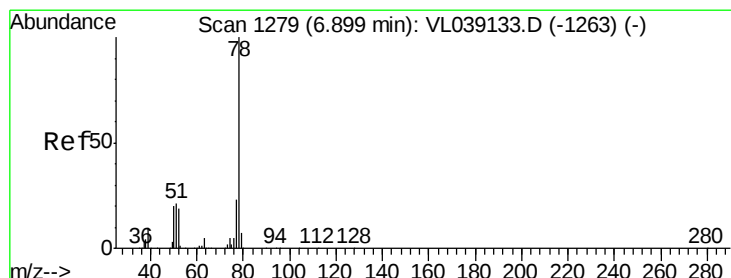
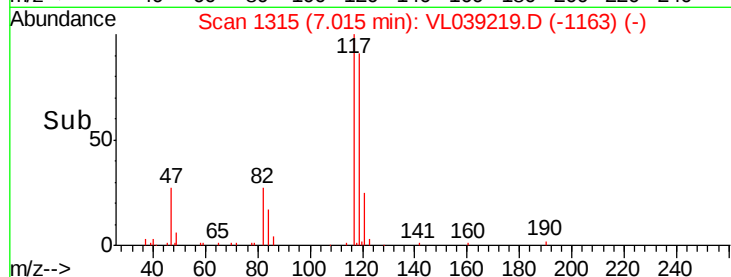
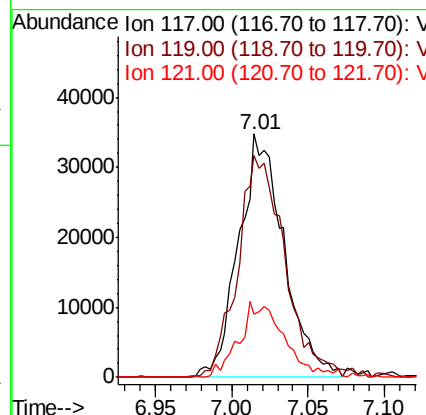
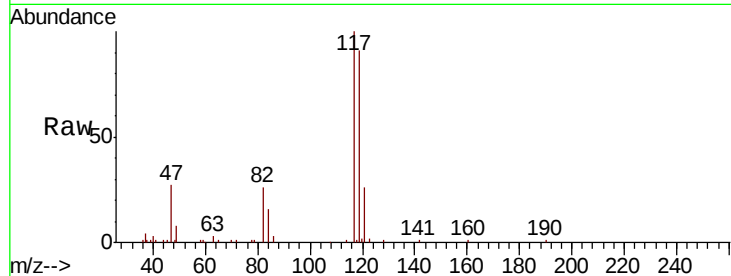
121 25.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#36

Benzene

Concen: 0.517 ppbv

RT: 6.89 min Scan# 1276

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

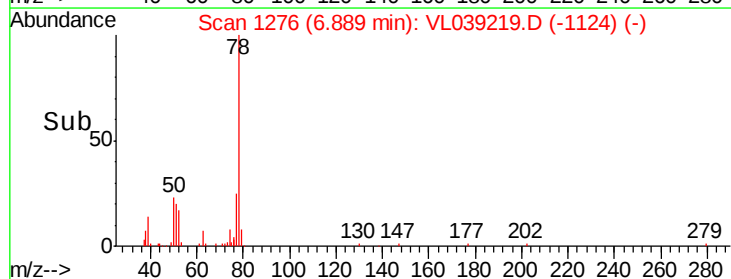
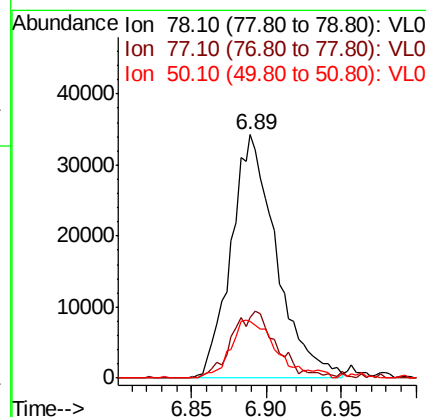
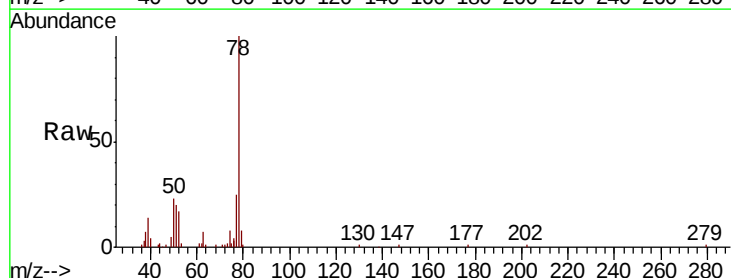
Tgt Ion: 78 Resp: 72267

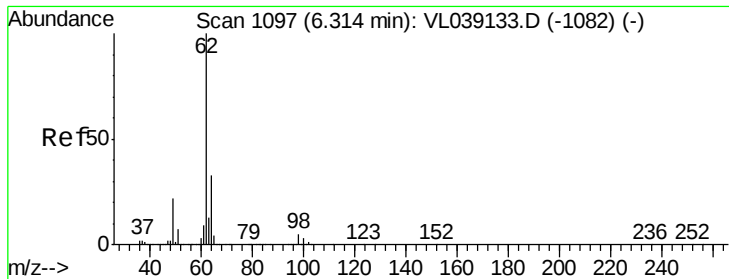
Ion Ratio Lower Upper

78 100

77 24.4 18.6 27.8

50 23.3 15.8 23.8



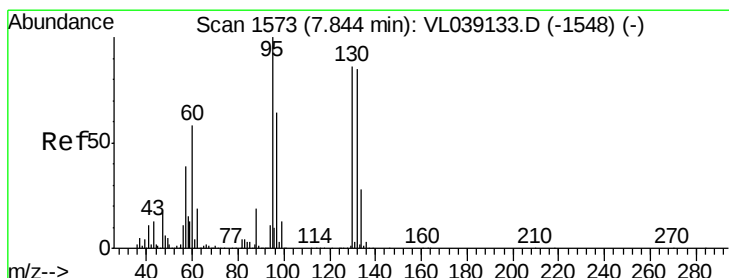
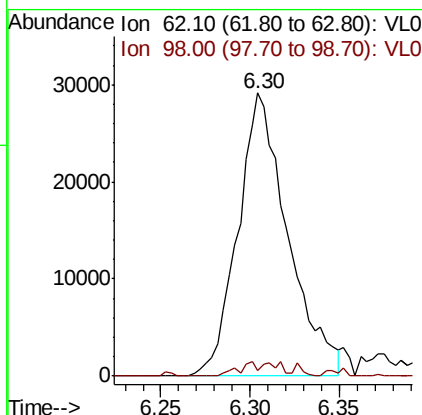
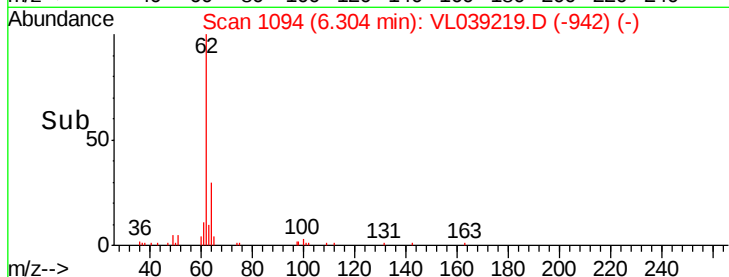
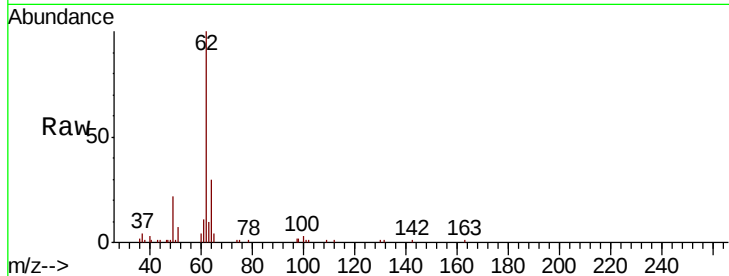


#37
 1,2-Dichloroethane
 Concen: 0.617 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 21:35

Tot Ion:
 Ion Ratio
 62 100
 98 5.

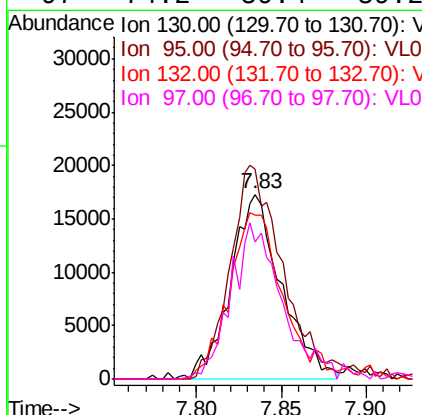
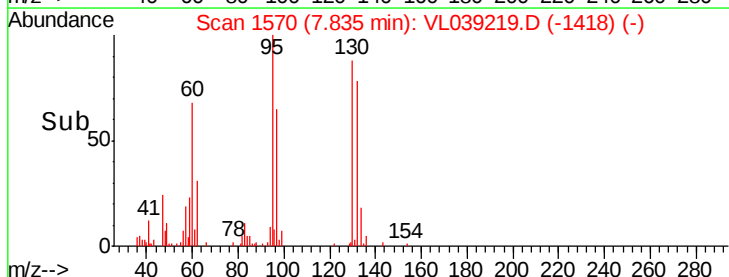
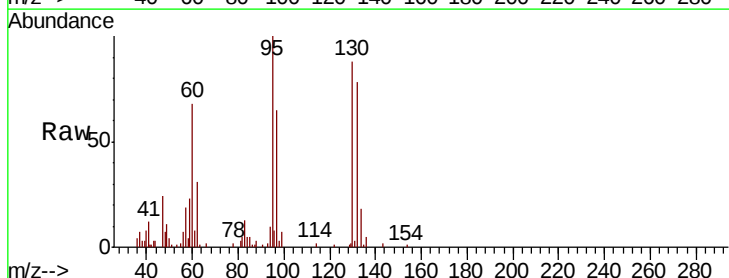
Manual Integrations
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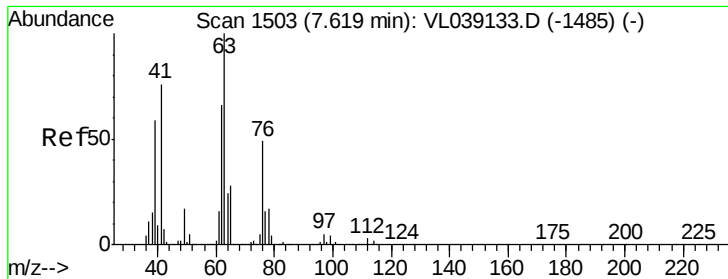
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#38
 Trichloroethene
 Concen: 0.559 ppbv m
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

Tgt Ion:130 Resp: 35907
 Ion Ratio Lower Upper
 130 100
 95 113.9 93.3 139.9
 132 88.8 79.0 118.4
 97 74.2 59.4 89.2





#39

1,2-Dichloropropane

Concen: 0.520 ppbv m

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

63 100

41 89.

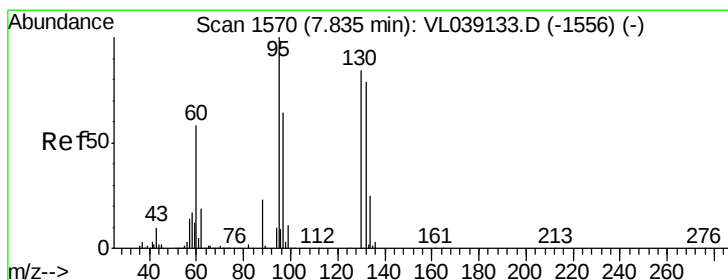
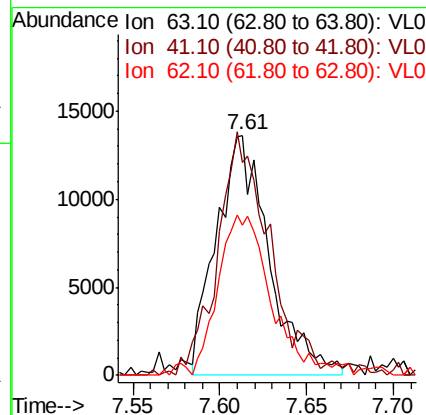
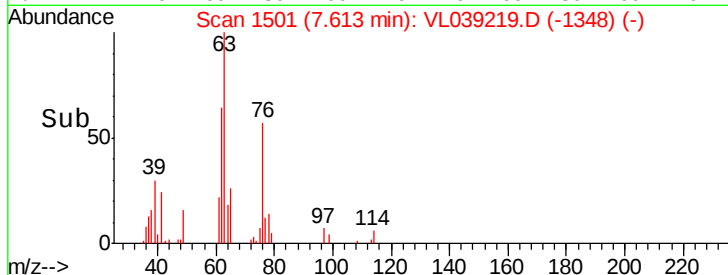
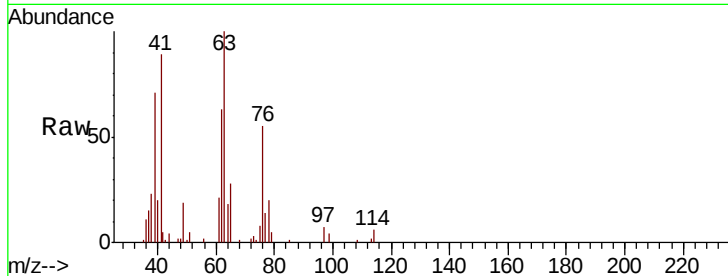
62 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#40

1,4-Dioxane

Concen: 0.669 ppbv m

RT: 7.87 min Scan# 1581

Delta R.T. 0.04 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tgt Ion: 88 Resp: 12260

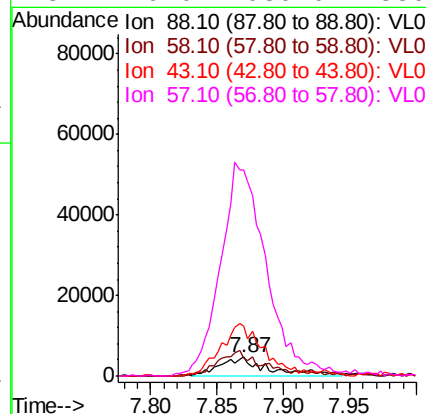
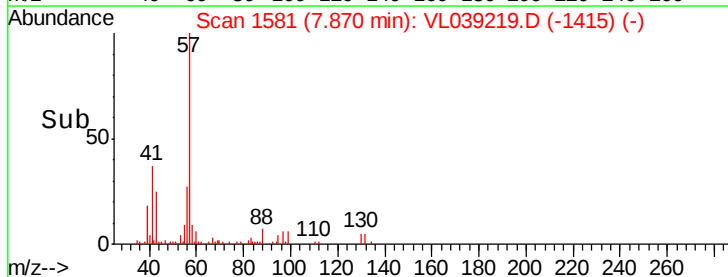
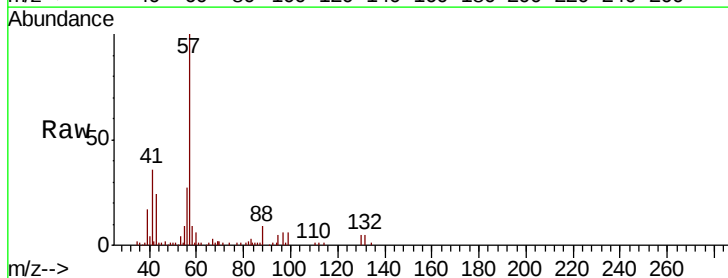
Ion Ratio Lower Upper

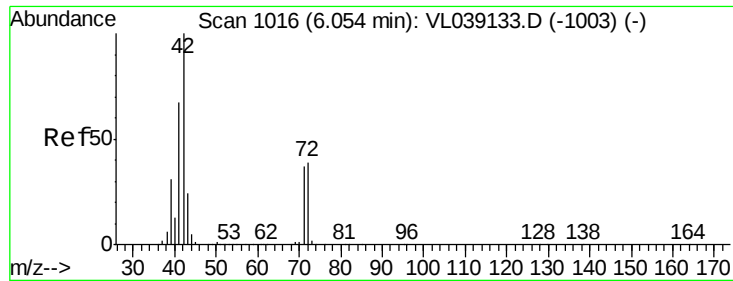
88 100

58 0.0 111.2 166.8#

43 0.0 234.2 351.4#

57 0.0 1039.9 1559.9#





#41

Tetrahydrofuran

Concen: 0.485 ppbv m

RT: 6.07 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

42 100

72 0.

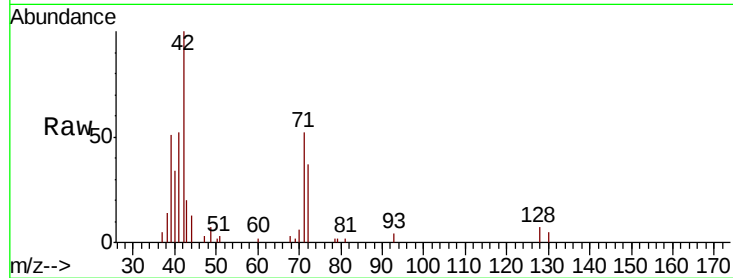
71 0.

Manual Integrations

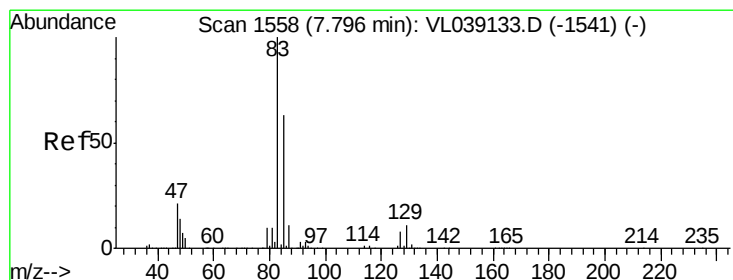
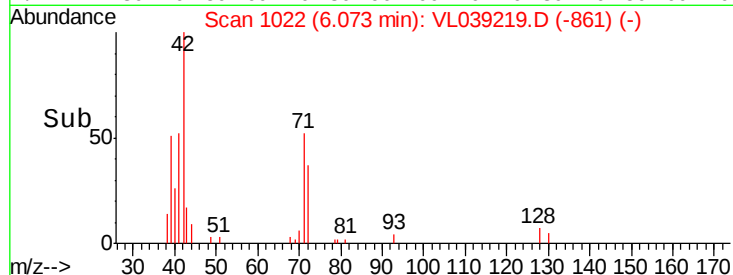
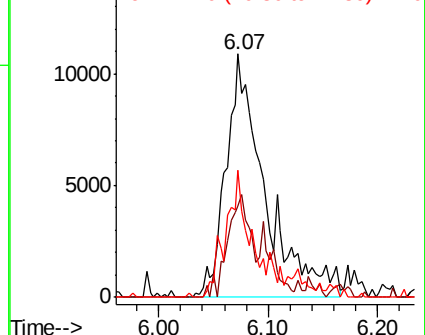
APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 0.518 ppbv

RT: 7.79 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

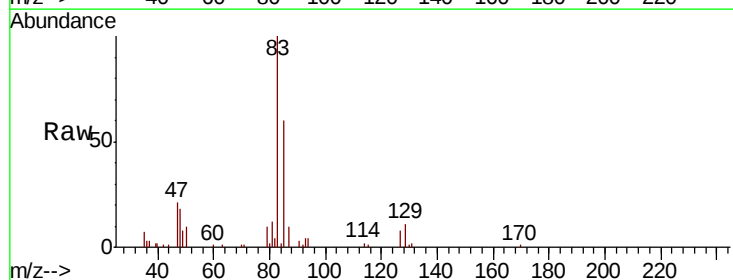
Tgt Ion: 83 Resp: 66232

Ion Ratio Lower Upper

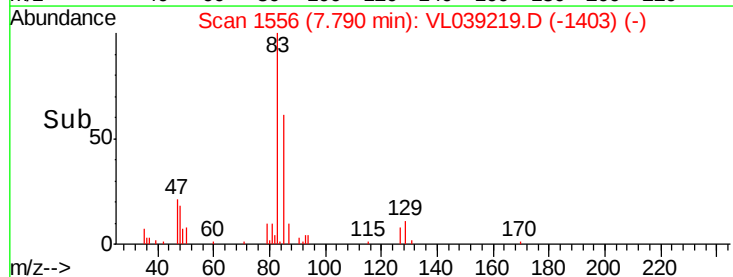
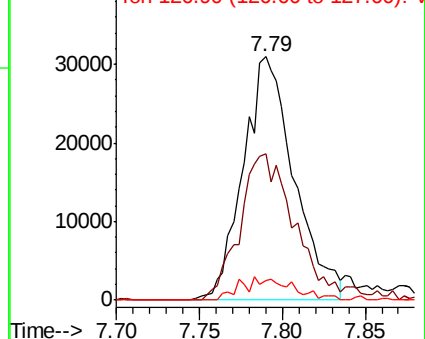
83 100

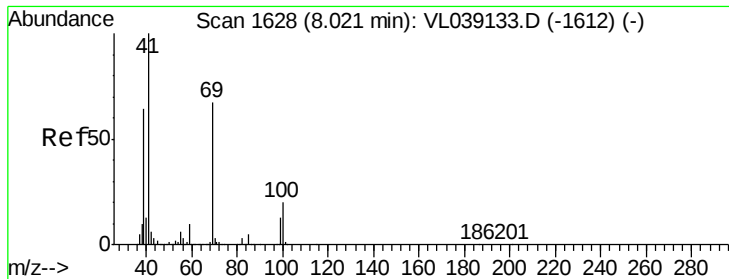
85 60.3 50.2 75.4

127 8.0 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V



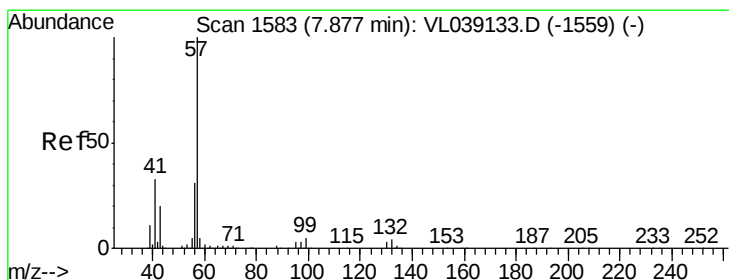
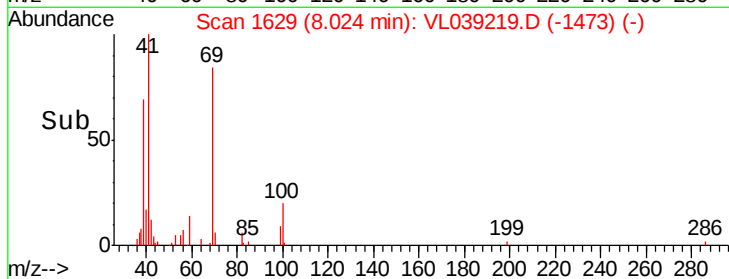
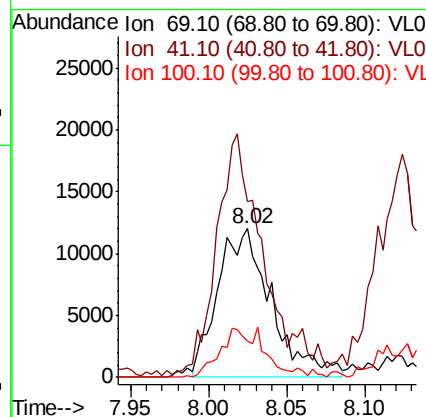
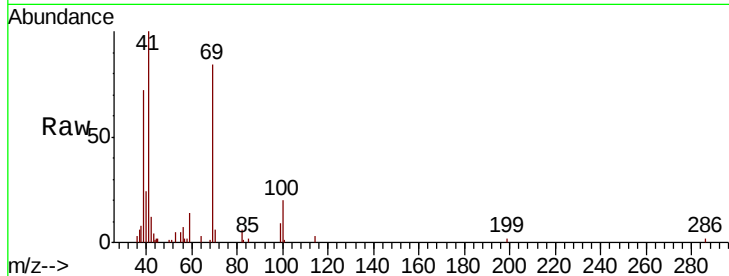


#43
Methvl Methacrplate
Concen: 0.529 ppbv m
RT: 8.02
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
LOD-MDL-AIR-01-QT2-2022
Acq: 7 Jun 2022 21:35

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

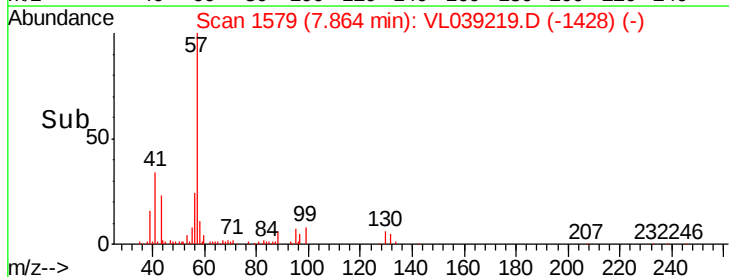
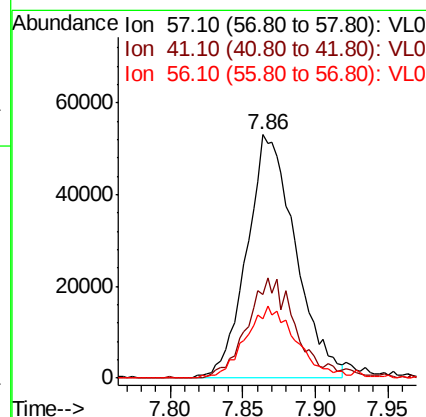
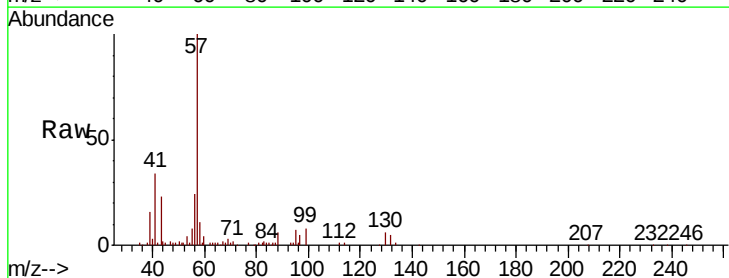
Manual Integrations
APPROVED

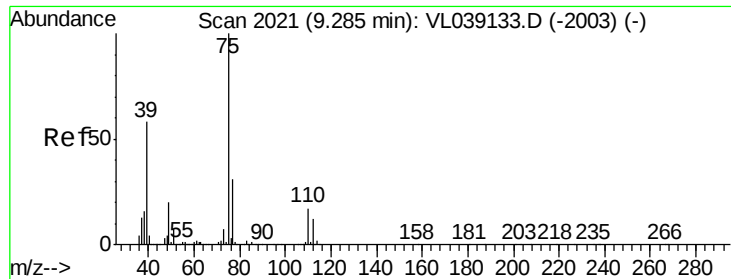
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#44
2,2,4-Trimethylpentane
Concen: 0.505 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion: 57 Resp: 123689
Ion Ratio Lower Upper
57 100
41 42.1 26.2 39.4#
56 31.4 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 0.398 ppbv m

RT: 9.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

75 100

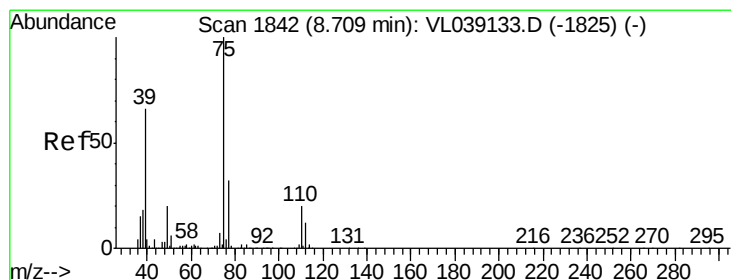
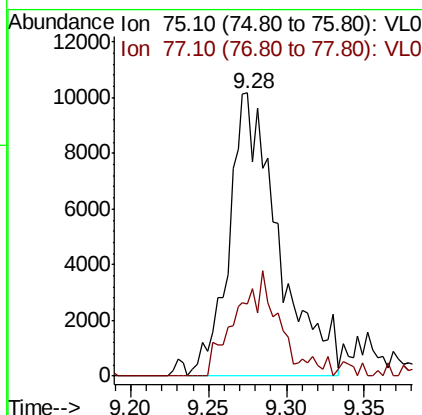
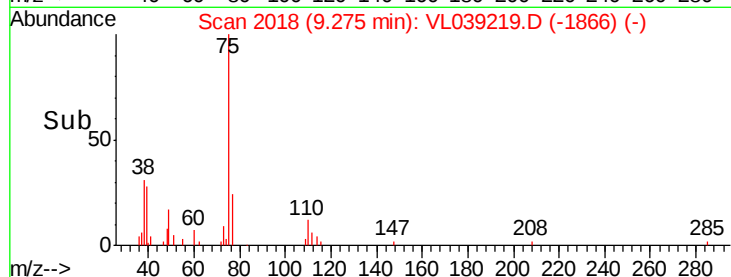
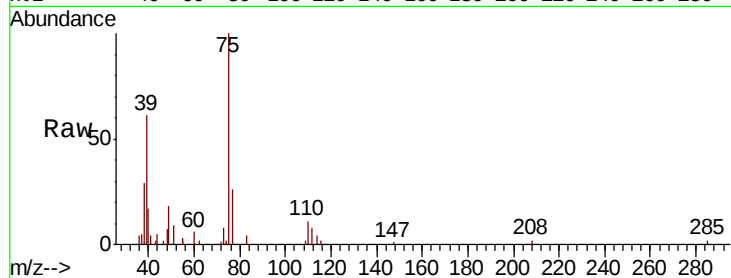
77 25.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#46

cis-1,3-Dichloropropene

Concen: 0.393 ppbv m

RT: 8.70 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

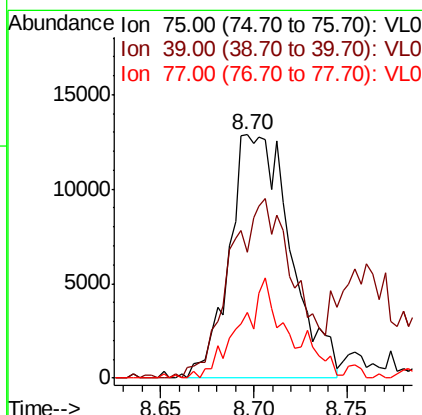
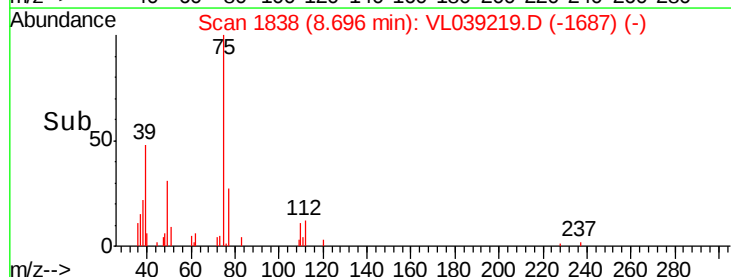
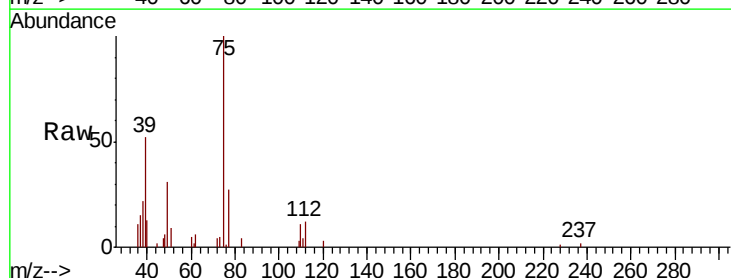
Tgt Ion: 75 Resp: 29465

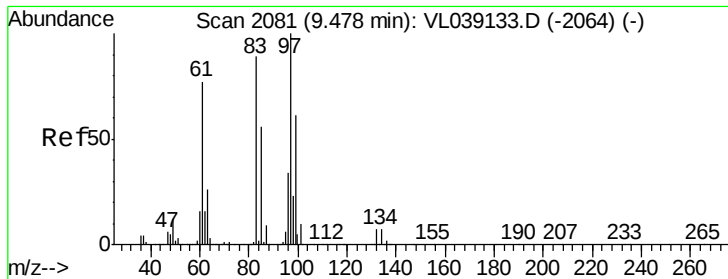
Ion Ratio Lower Upper

75 100

39 51.5 52.4 78.6#

77 26.8 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 0.570 ppbv m

RT: 9.48 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:

Ion Ratio

97 100

83 81.

85 54.

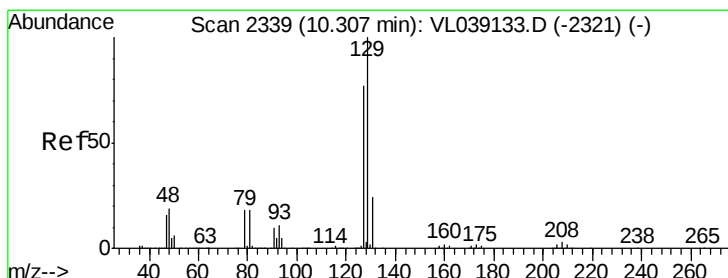
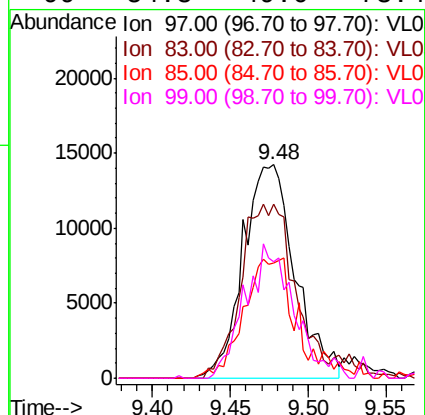
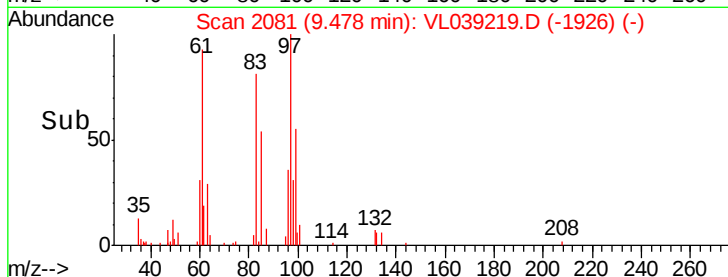
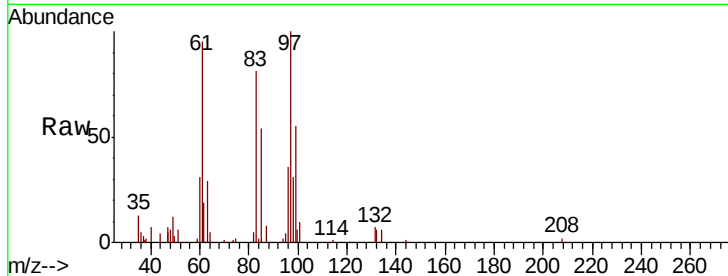
99 54.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#48

Dibromochloromethane

Concen: 0.441 ppbv

RT: 10.30 min Scan# 2338

Delta R.T. -0.00 min

Lab File: VL039219.D

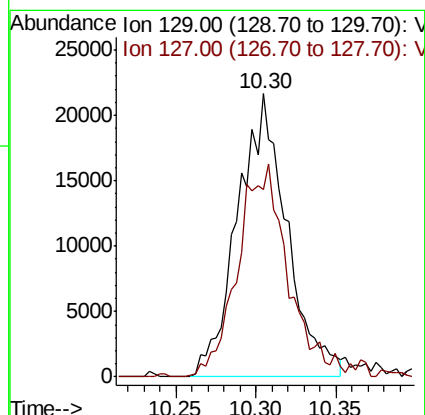
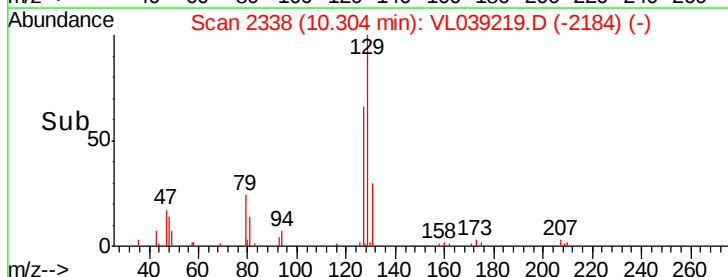
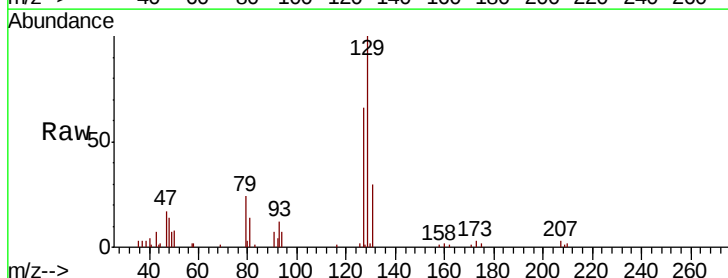
Acq: 7 Jun 2022 21:35

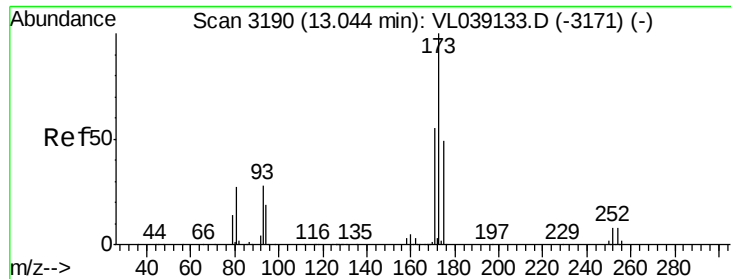
Tgt Ion:129 Resp: 45753

Ion Ratio Lower Upper

129 100

127 78.7 40.0 119.9





#49

Bromoform

Concen: 0.382 ppbv m

RT: 13.04

Delta R.T.

Lab File:

Acq: 7 Jun 2022 21:35

Instrument:

MSVOA_L

ClientSampleId:

LOD-MDL-AIR-01-QT2-2022

Tot Ion:1

Ion Ratio

173 100

175 0.

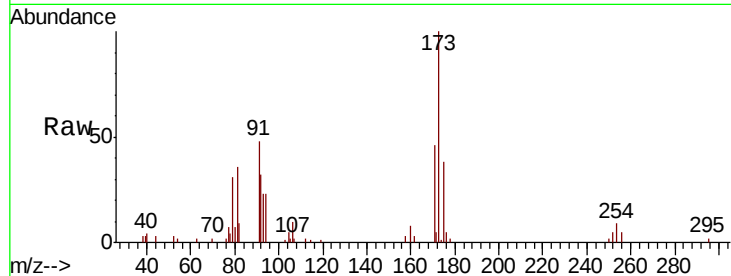
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

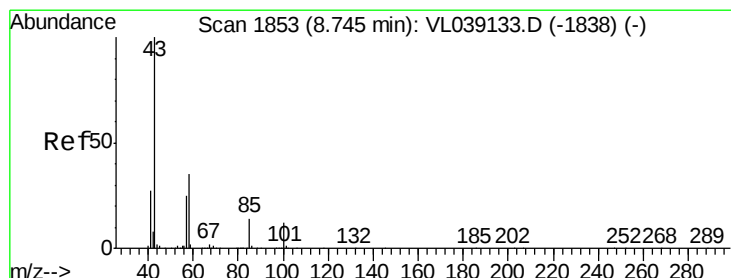
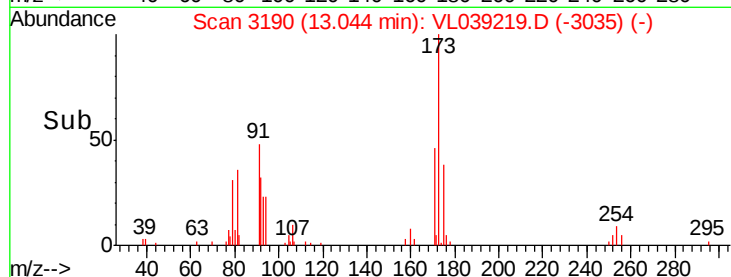
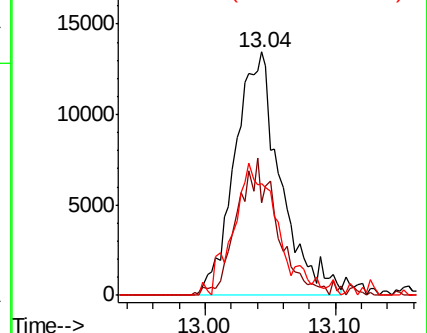
Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 0.504 ppbv m

RT: 8.76 min Scan# 1857

Delta R.T. 0.01 min

Lab File: VL039219.D

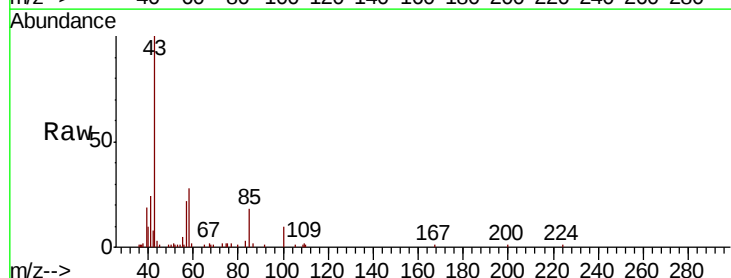
Acq: 7 Jun 2022 21:35

Tgt Ion: 43 Resp: 70596

Ion Ratio Lower Upper

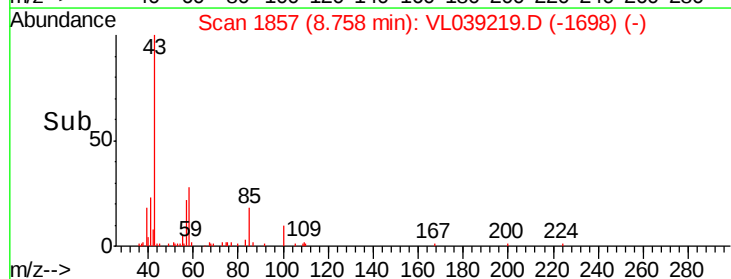
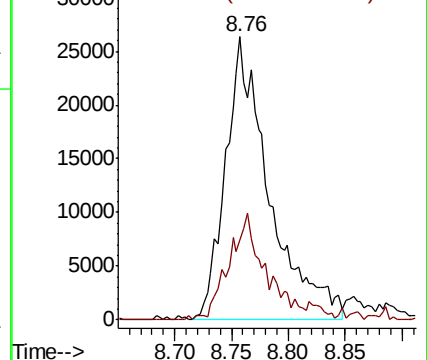
43 100

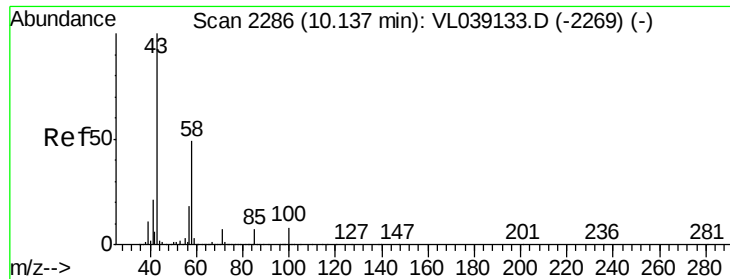
58 0.0 28.7 43.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 0.429 ppbv m

RT: 10.16

Delta R.T. MSVOA_L

Lab File:

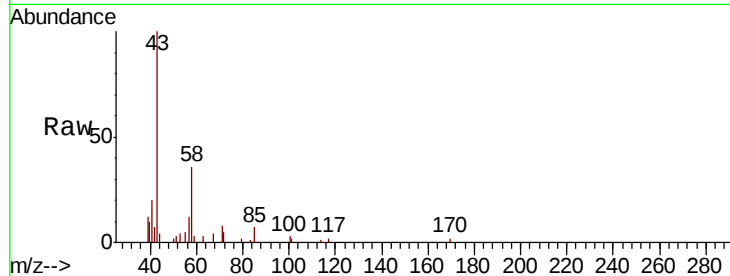
Acq: 7 Jun 2022 21:35

Instrument :
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

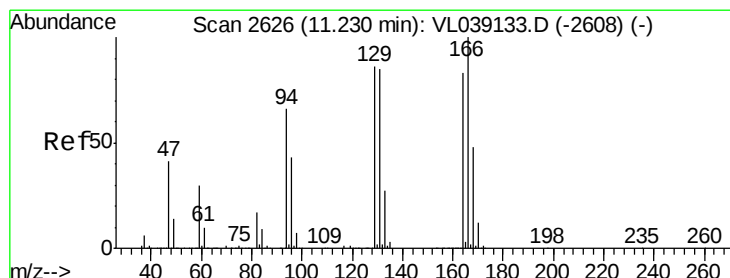
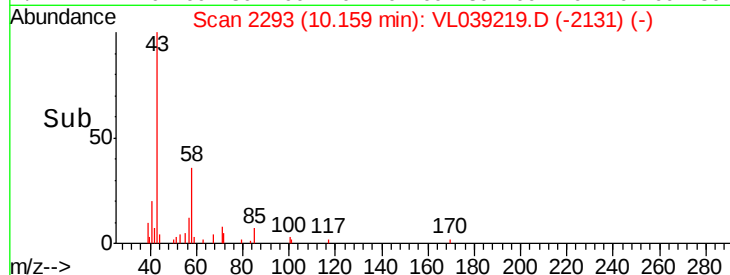
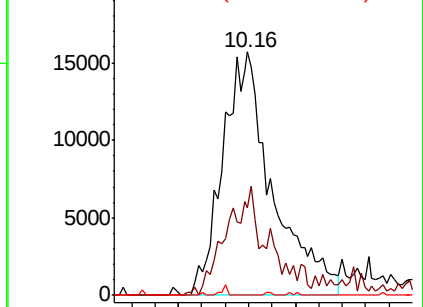
Tot Ion:
Ion Ratio
43 100
58 0.
98 0.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 0.504 ppbv m

RT: 11.22 min Scan# 2622

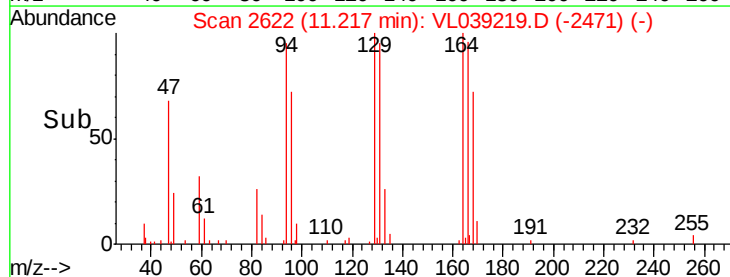
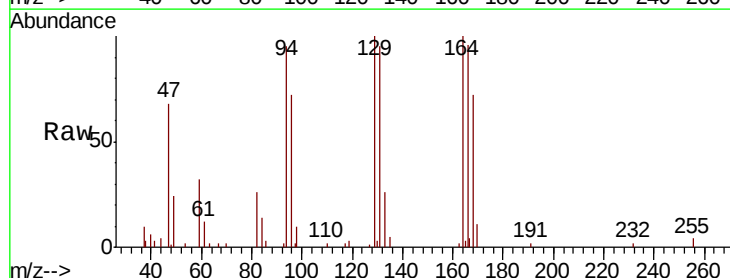
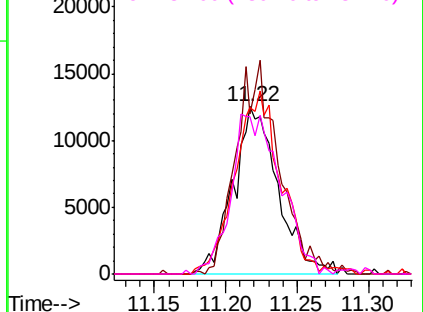
Delta R.T. -0.01 min

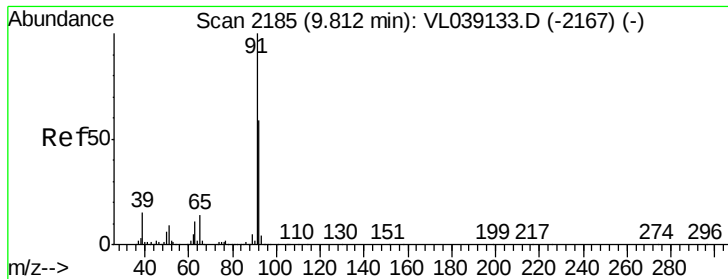
Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	27499		
166	96.1		96.3	144.5#
129	99.5		82.5	123.7
131	94.6		82.1	123.1

Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 0.465 ppbv

RT: 9.81 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LOD-MDL-AIR-01-QT2-2022

Acq: 7 Jun 2022 21:35

Tot Ion:

Ion Ratio

91 100

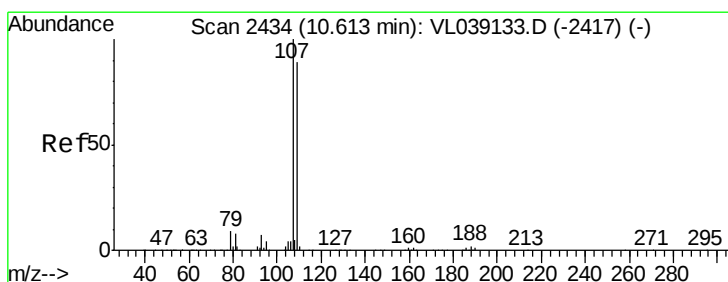
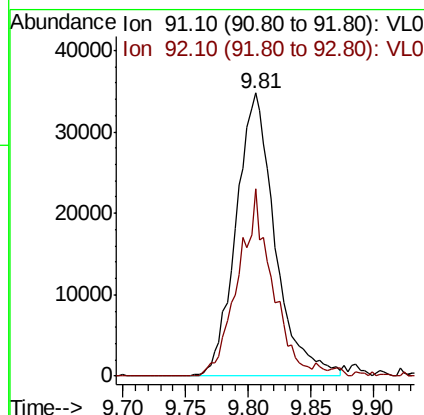
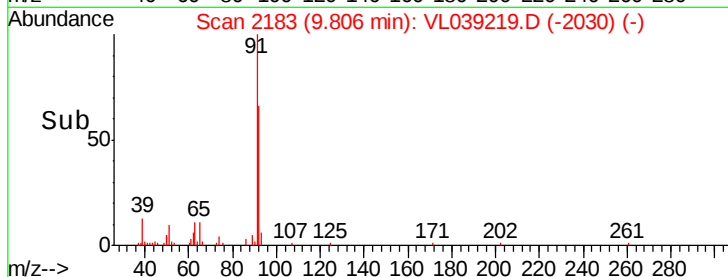
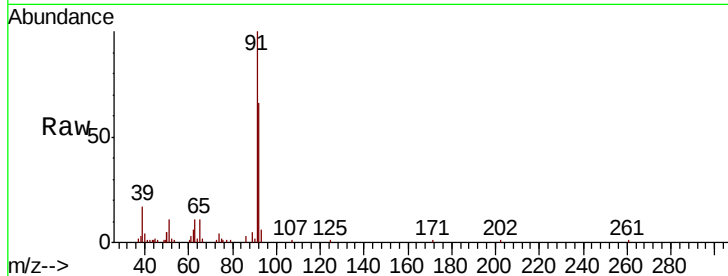
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#54

1,2-Dibromoethane

Concen: 0.549 ppbv m

RT: 10.62 min Scan# 2436

Delta R.T. 0.01 min

Lab File: VL039219.D

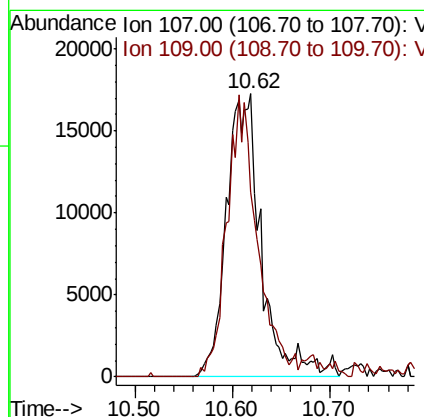
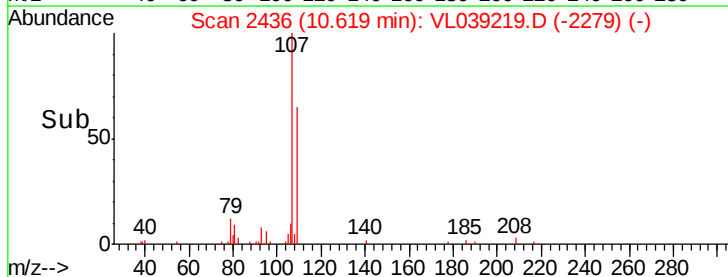
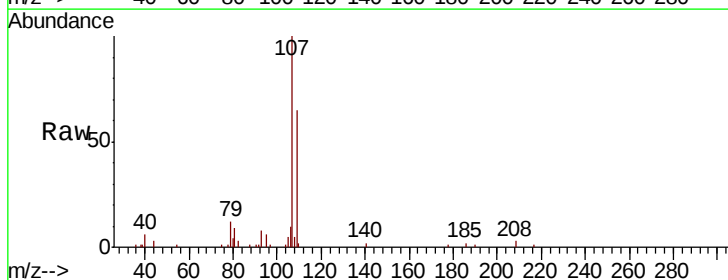
Acq: 7 Jun 2022 21:35

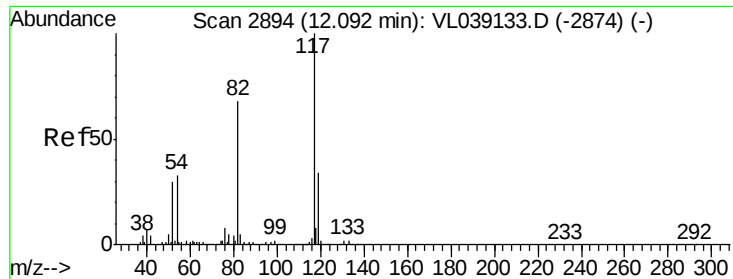
Tgt Ion:107 Resp: 42857

Ion Ratio Lower Upper

107 100

109 65.3 71.4 107.0#



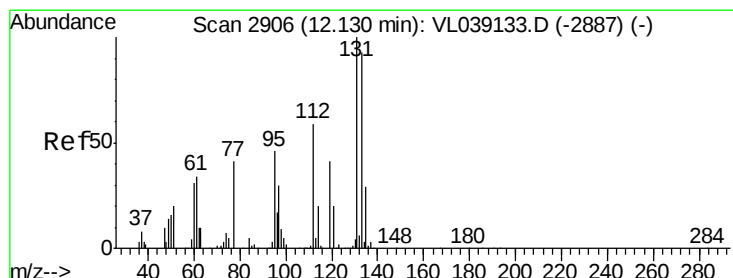
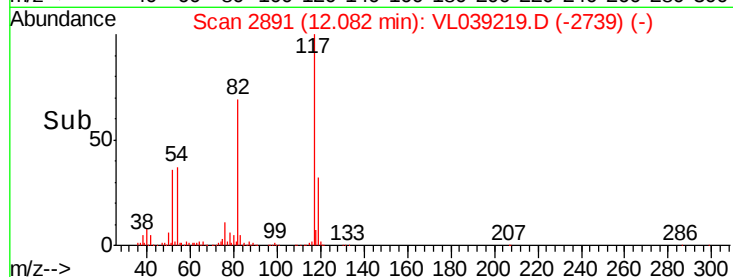
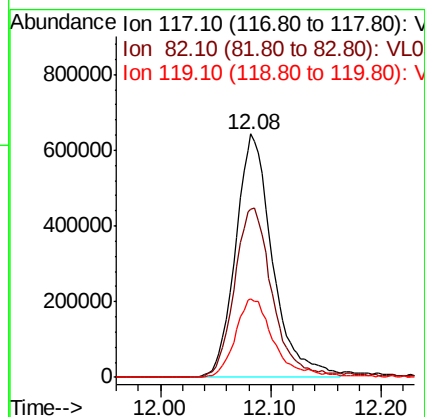
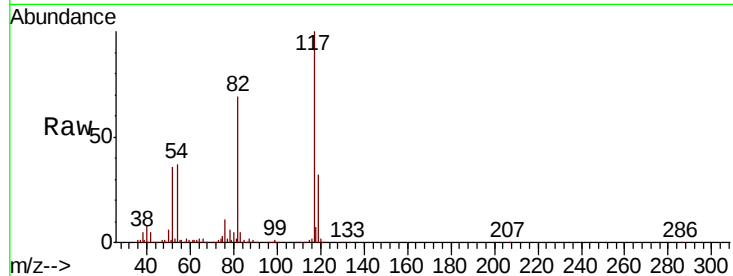


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Client Sample Id:
Lab File: LOD-MDL-AIR-01-QT2-2022
Acq: 7 Jun 2022 21:35

Tot Ion:1
Ion Rati
117 100
82 73.
119 34.

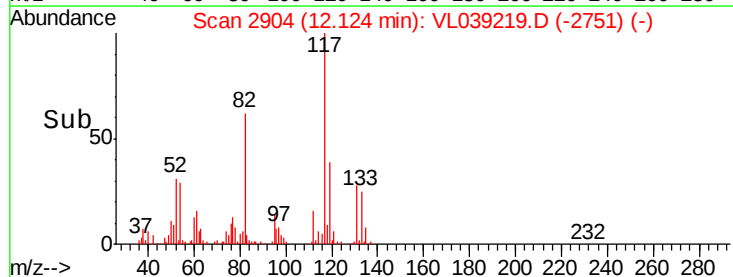
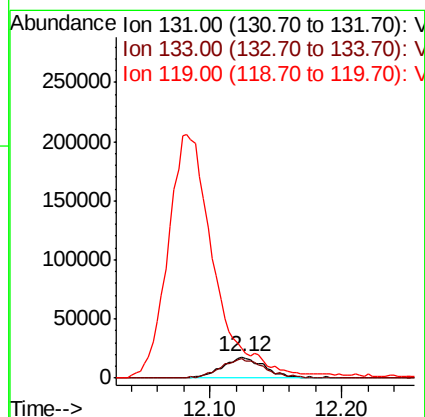
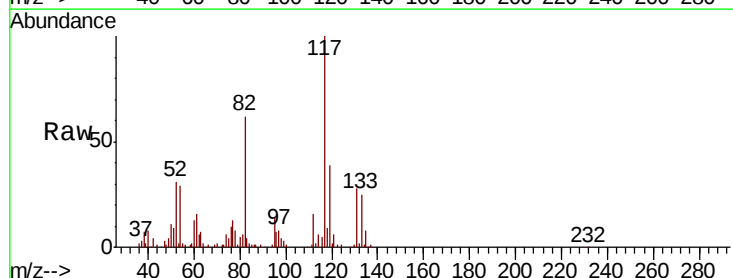
Manual Integrations
APPROVED

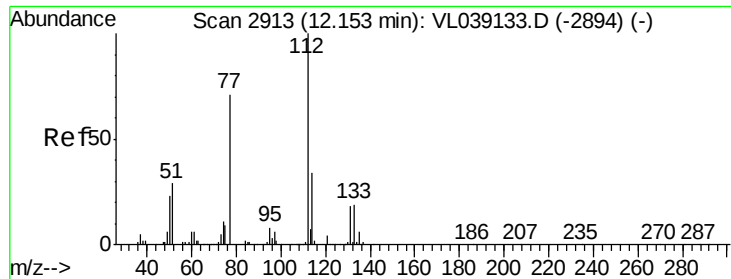
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.570 ppbv m
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion:131 Resp: 40276
Ion Ratio Lower Upper
131 100
133 95.4 78.6 117.8
119 1277.6 51.7 77.5#



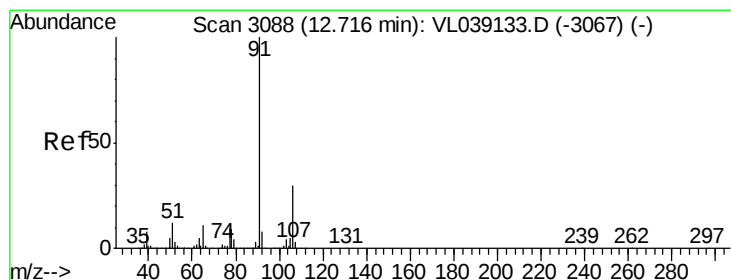
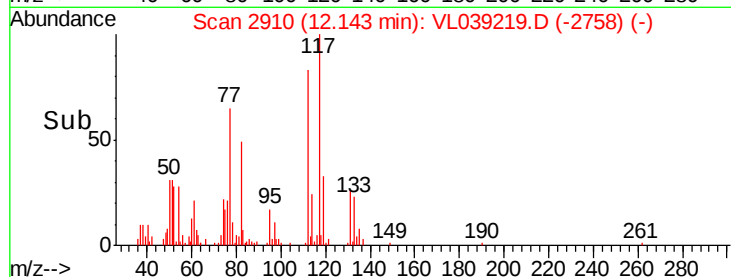
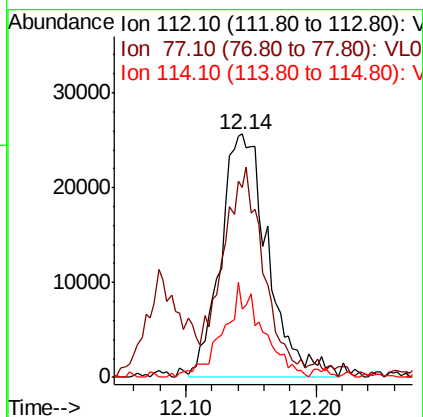
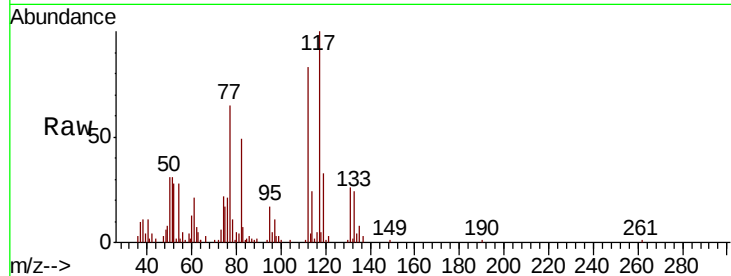


#57
Chlorobenzene
Concen: 0.575 ppbv m
RT: 12.14
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId:
LOD-MDL-AIR-01-QT2-2022
Acq: 7 Jun 2022 21:35

Tot Ion:1
Ion Rati
112 100
77 77.
114 28.

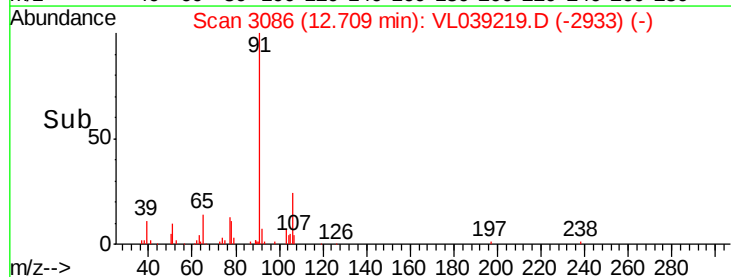
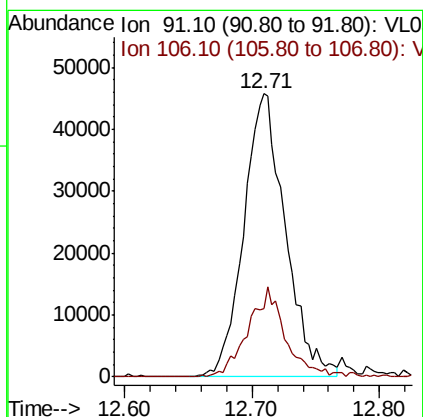
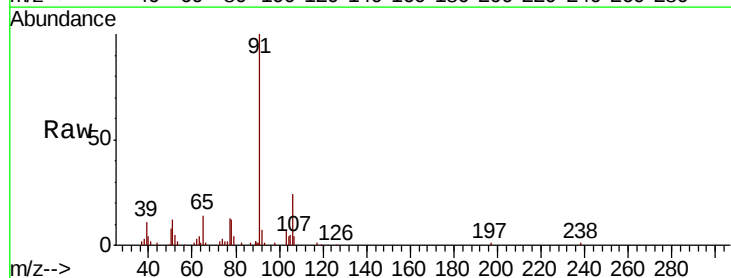
Manual Integrations
APPROVED

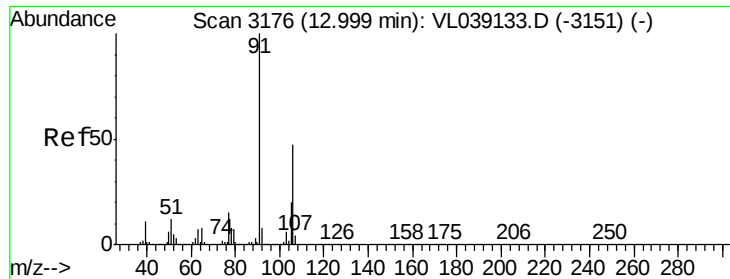
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#58
Ethyl Benzene
Concen: 0.505 ppbv m
RT: 12.71 min Scan# 3086
Delta R.T. -0.01 min
Lab File: VL039219.D
Acq: 7 Jun 2022 21:35

Tgt Ion: 91 Resp: 103755
Ion Ratio Lower Upper
91 100
106 24.2 24.2 36.4#





#59

m/p-Xylene

Concen: 1.051 ppbv m

RT: 12.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 21:35

Manual Integrations

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Tot Ion:

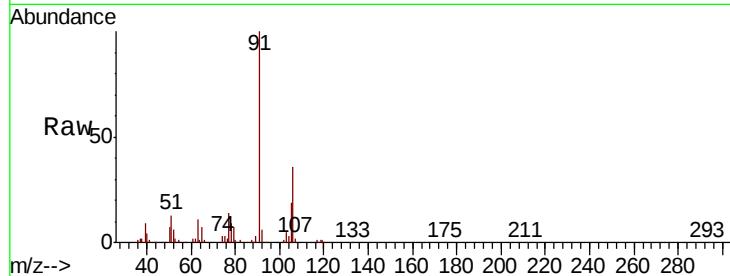
Ion Ratio

91 100

106 0.

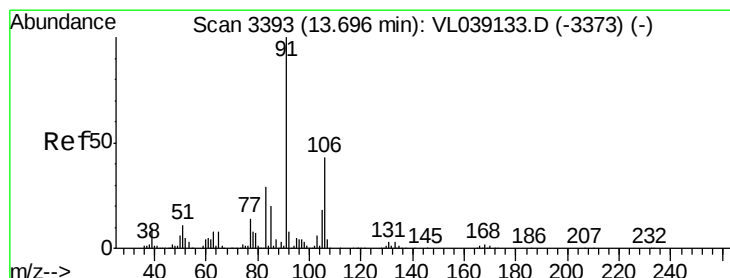
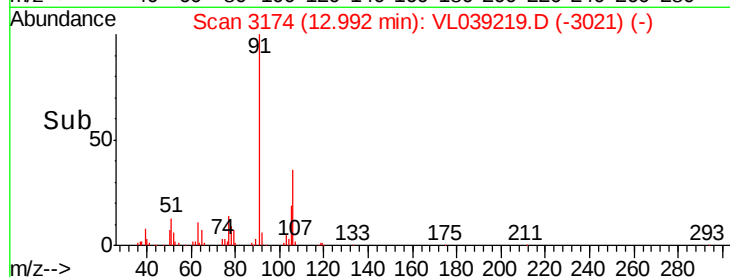
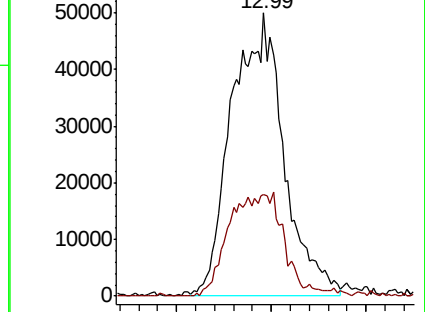
Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.551 ppbv m

RT: 13.69 min Scan# 3390

Delta R.T. -0.01 min

Lab File: VL039219.D

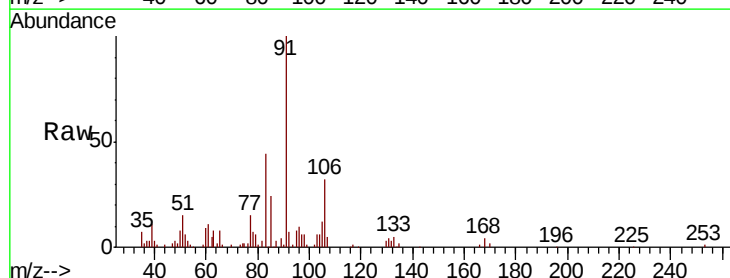
Acq: 7 Jun 2022 21:35

Tgt Ion: 91 Resp: 93779

Ion Ratio Lower Upper

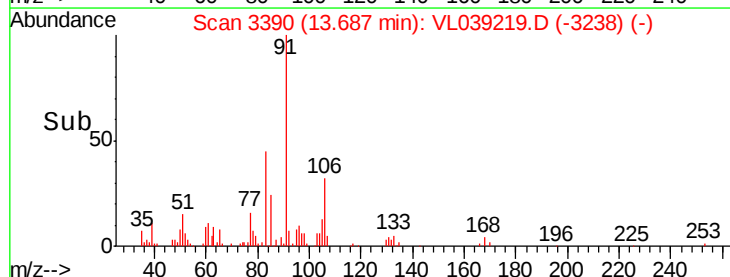
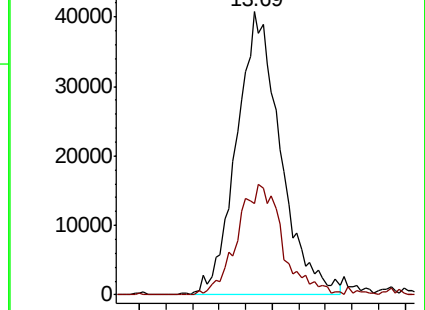
91 100

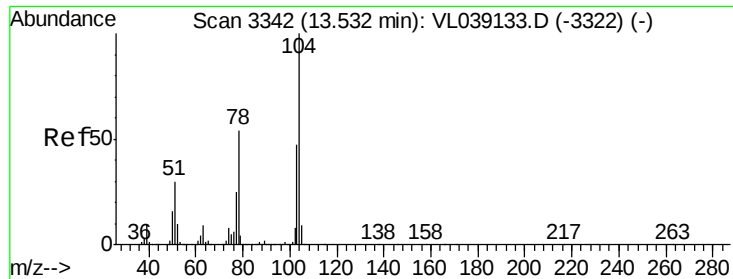
106 39.9 22.3 66.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Stvrene

Concen: 0.429 ppbv m

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 21:35

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022

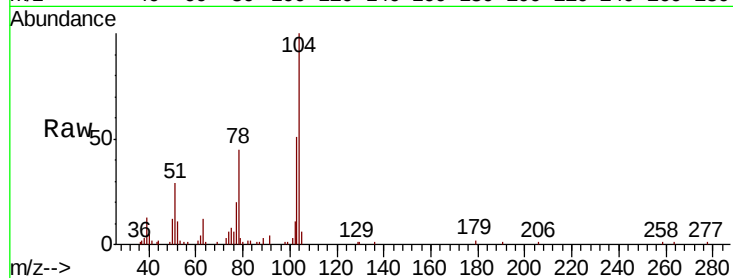
Tot Ion:1

Ion Rati

104 100

78 0.

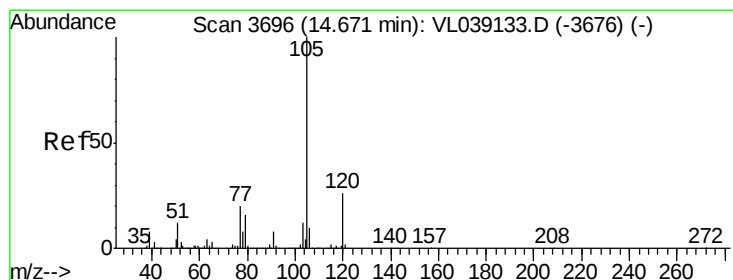
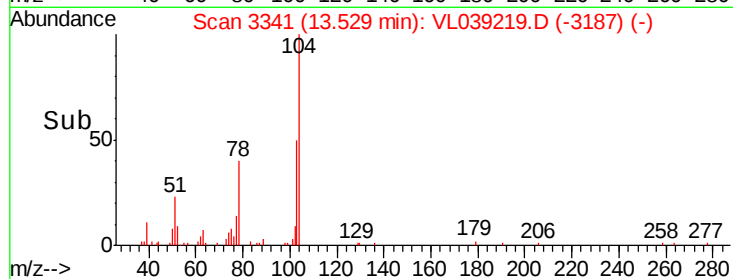
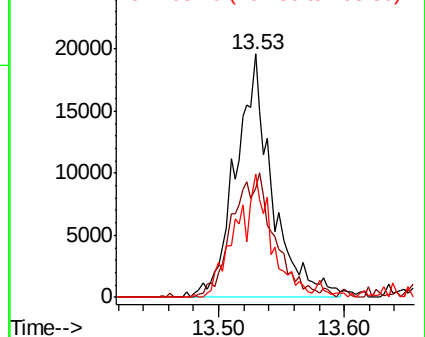
103 0.



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.509 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. -0.01 min

Lab File: VL039219.D

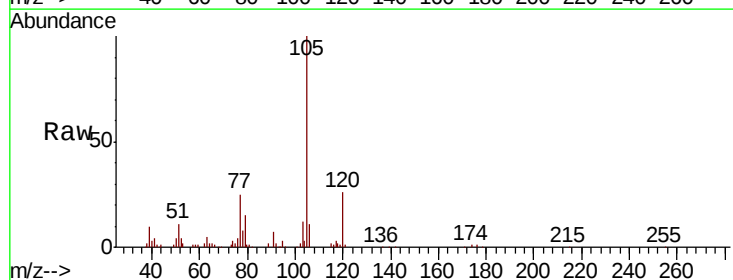
Acq: 7 Jun 2022 21:35

Tgt Ion:105 Resp: 128706

Ion Ratio Lower Upper

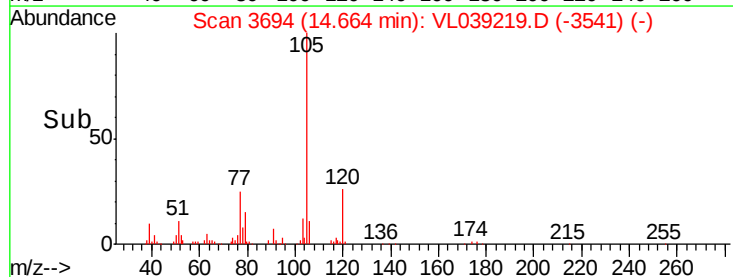
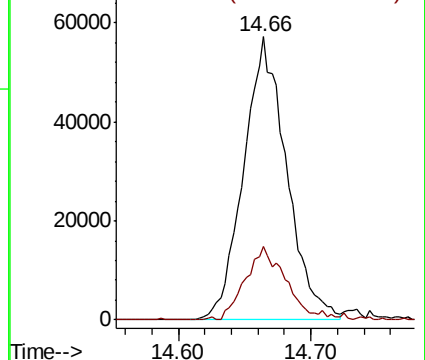
105 100

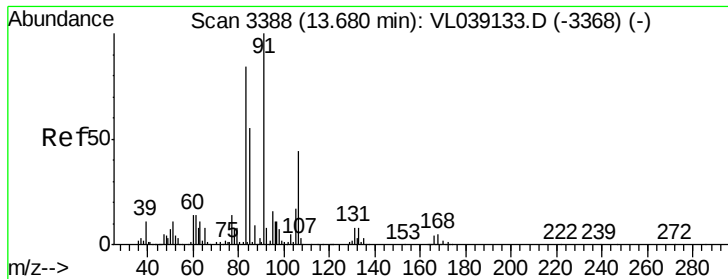
120 25.4 20.3 30.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 0.530 ppbv m

RT: 13.67

Delta R.T. MSVOA_L

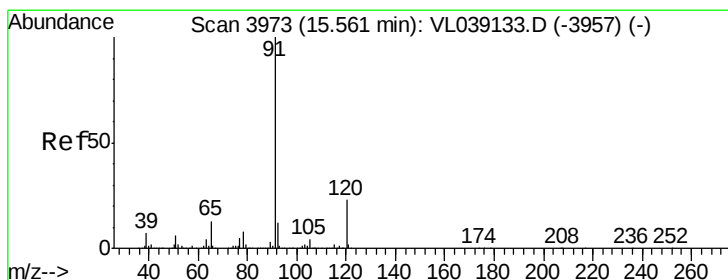
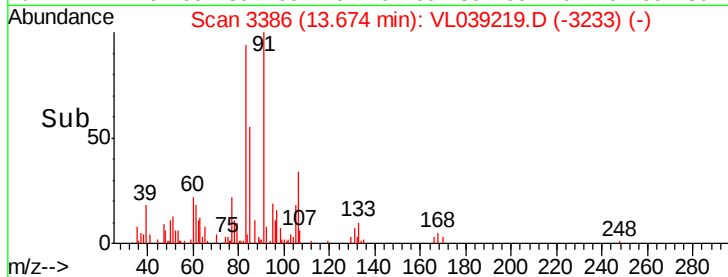
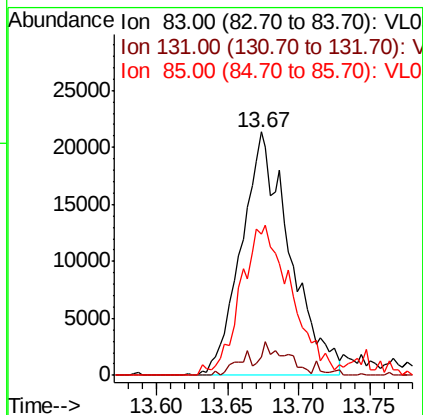
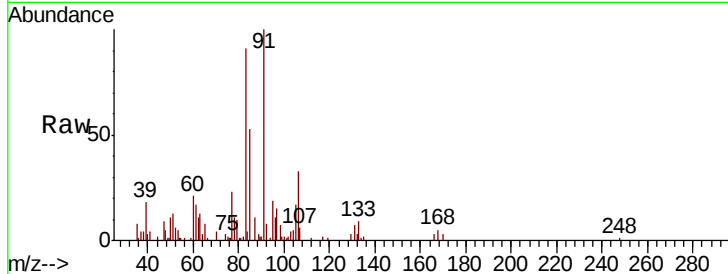
Lab File: ClientSampleId :

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:
Ion Rati
83 100
131 11.
85 64.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#64

n-propylbenzene

Concen: 0.492 ppbv m

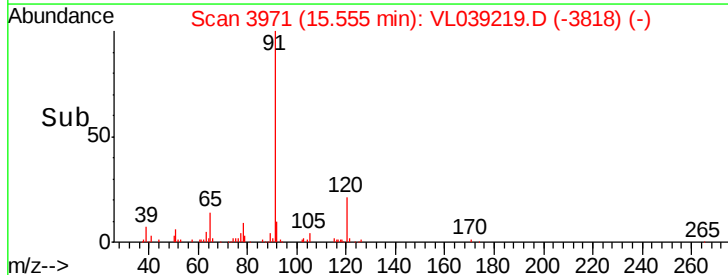
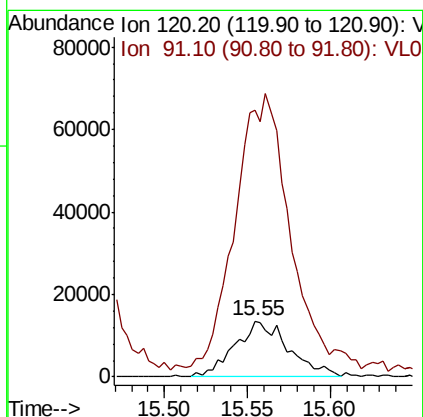
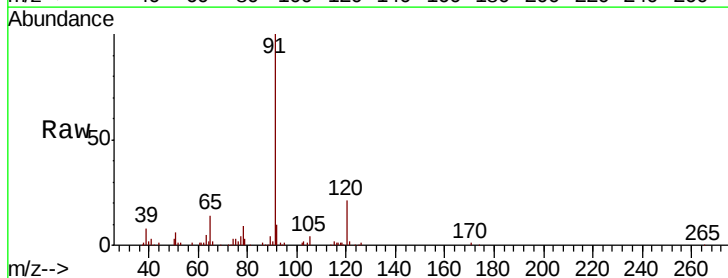
RT: 15.55 min Scan# 3971

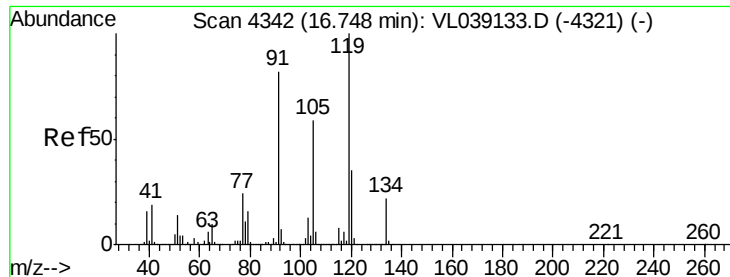
Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tgt Ion:120 Resp: 30608
Ion Ratio Lower Upper
120 100
91 334.7 388.4 582.6#





#65

tert-Butylbenzene

Concen: 0.511 ppbv m

RT: 16.74 min

Delta R.T. 0.00 min

Lab File:

Acq: 7 Jun 2022 21:35

Instrument: MSVOA_1

Client Sample ID:

LOD-MDL-AIR-01-QT2-2022

Tot Ion: 1

Ion Ratio

119 100

91 97.

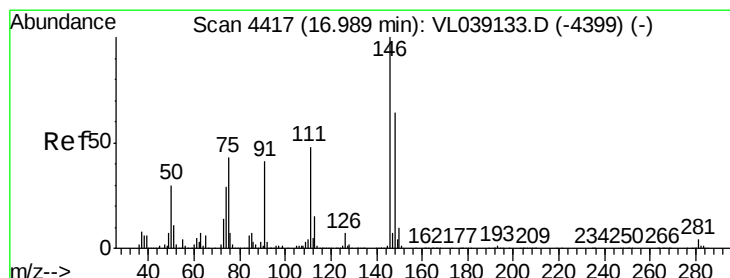
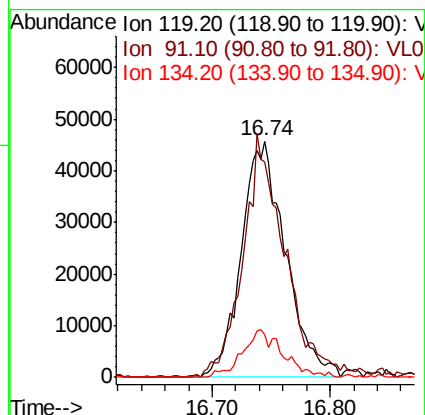
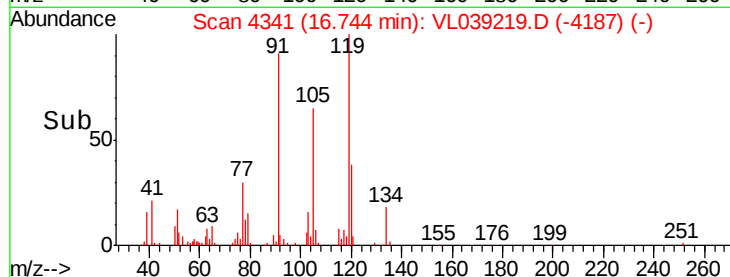
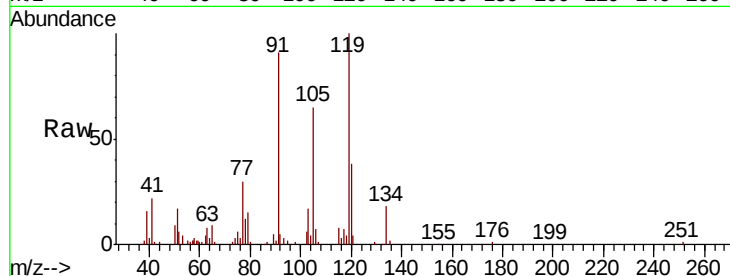
134 0.

Manual Integrations

APPROVED

Reviewed By: Semsettin Yesilyurt 06/10/2022

Supervised By: Mahesh Dadoda 06/10/2022



#66

Benzyl Chloride

Concen: 0.464 ppbv m

RT: 16.99 min Scan# 4418

Delta R.T. 0.00 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

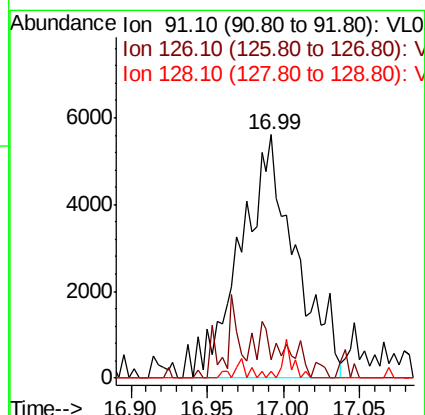
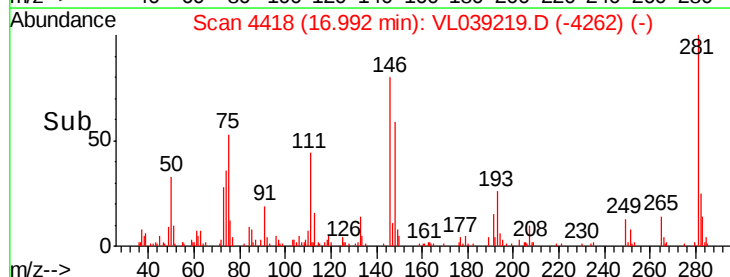
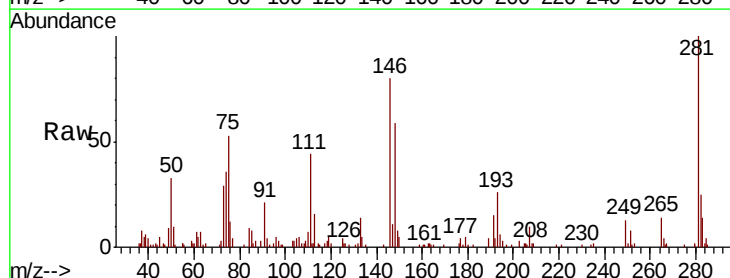
Tgt Ion: 91 Resp: 13964

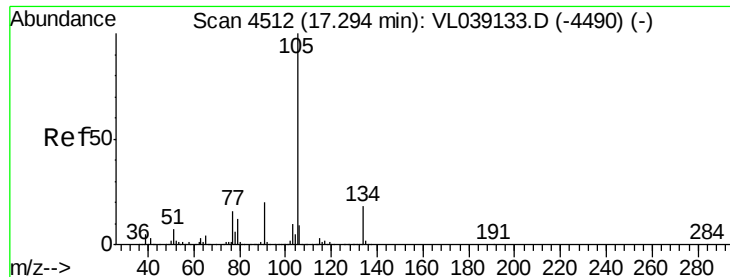
Ion Ratio Lower Upper

91 100

126 23.2 13.4 20.0#

128 0.0 4.1 6.1#





#67

sec-Butylbenzene

Concen: 0.523 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

Tot Ion:1

Ion Rati

105 100

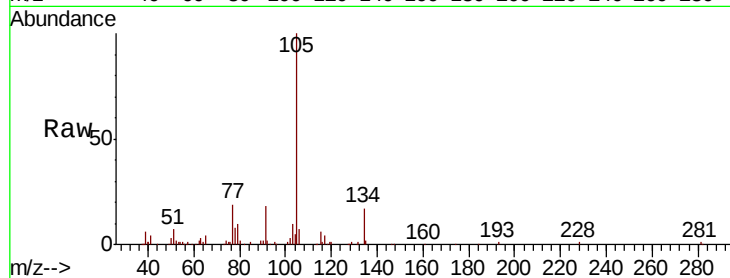
134 17.

Manual Integrations

APPROVED

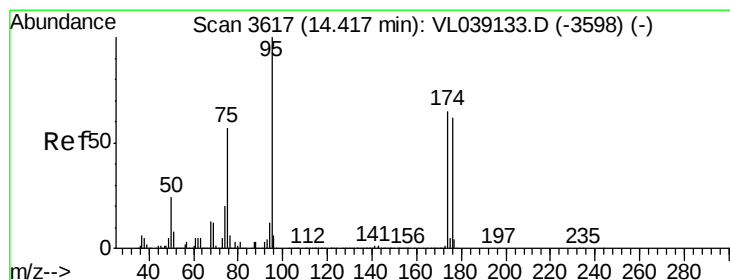
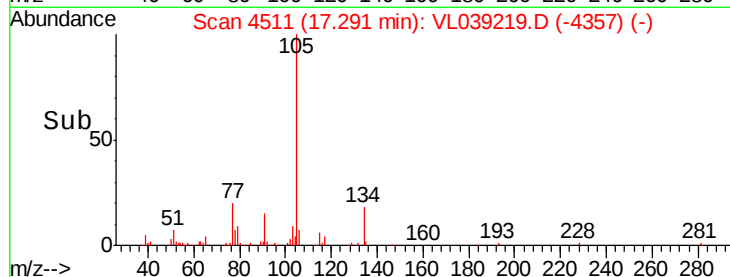
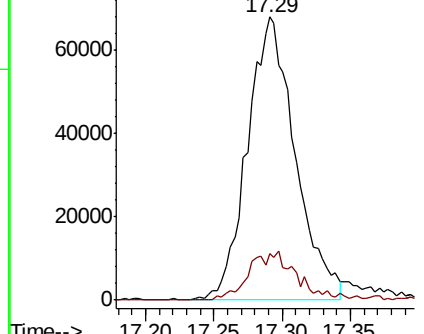
Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.639 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

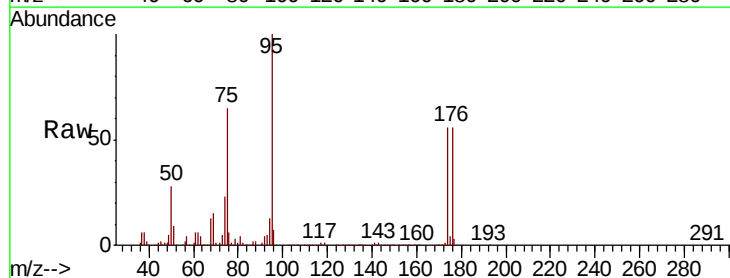
Tgt Ion: 95 Resp: 1313153

Ion Ratio Lower Upper

95 100

174 59.8 53.8 80.8

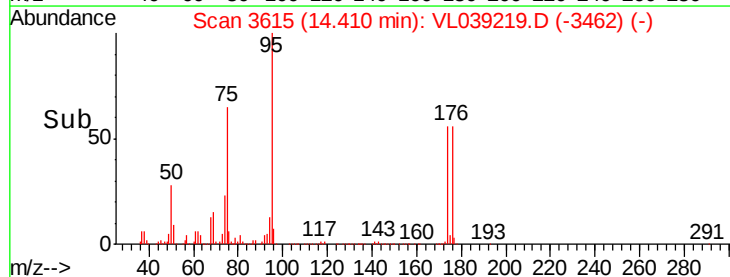
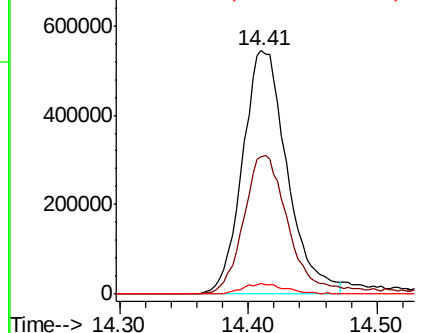
175 4.3 4.1 6.1

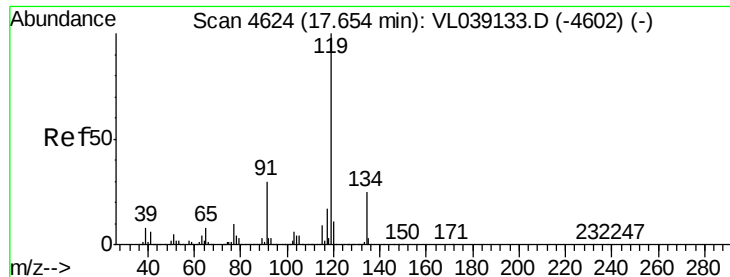


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



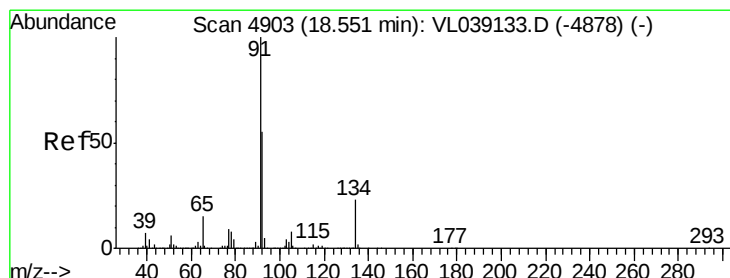
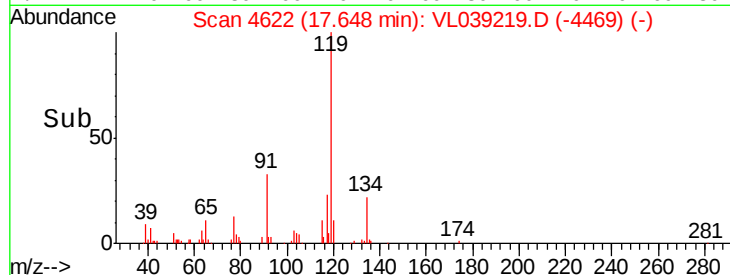
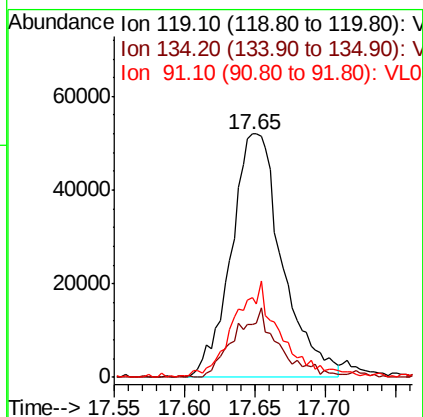
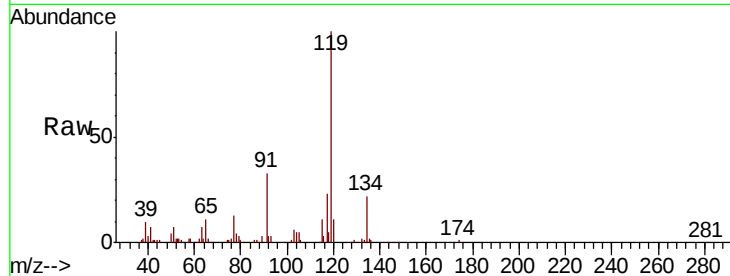


#69
 p-Isopropyltoluene
 Concen: 0.494 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 21:35
 LOD-MDL-AIR-01-QT2-2022

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 37.

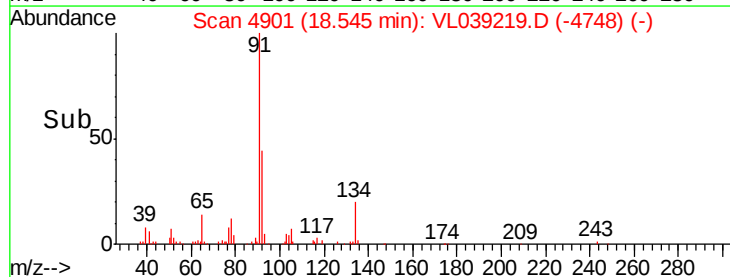
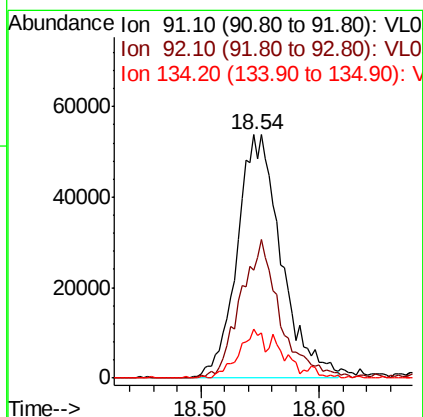
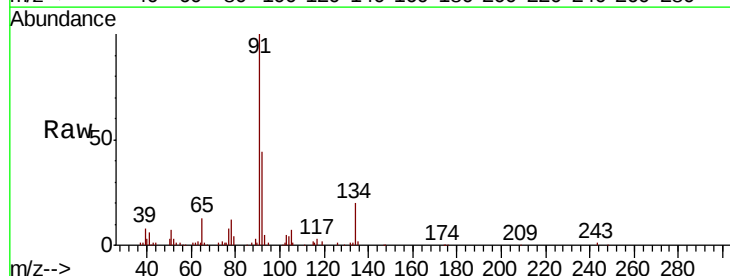
Manual Integrations
 APPROVED

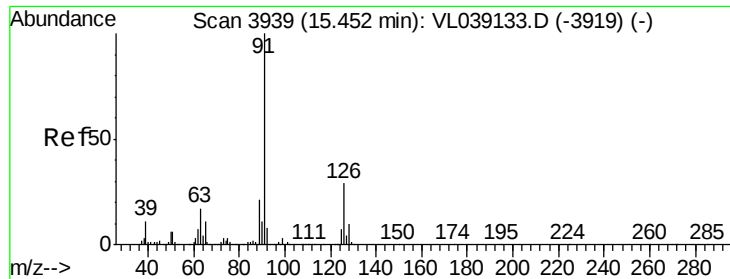
Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022



#70
 n-Butylbenzene
 Concen: 0.505 ppbv m
 RT: 18.54 min Scan# 4901
 Delta R.T. -0.01 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

Tgt Ion: 91 Resp: 138130
 Ion Ratio Lower Upper
 91 100
 92 0.0 43.6 65.4#
 134 19.5 17.7 26.5



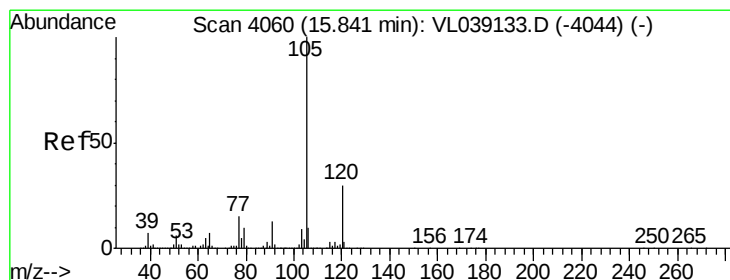
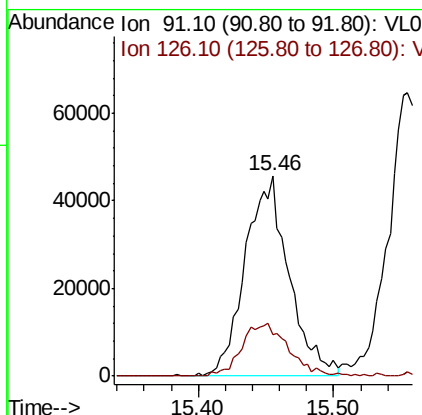
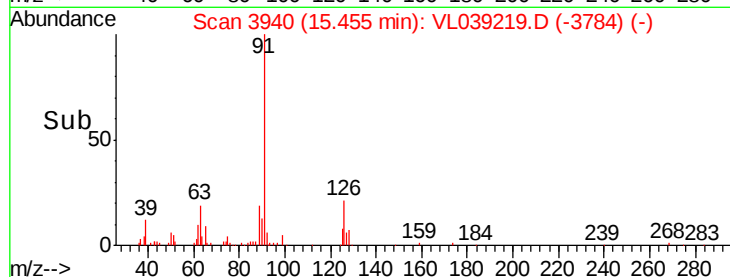
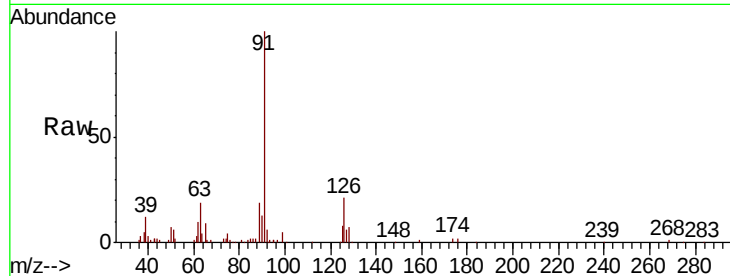


#71
 2-Chlorotoluene
 Concen: 0.531 ppbv m
 RT: 15.46
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 21:35
 LOD-MDL-AIR-01-QT2-2022

Tot Ion:
 Ion Ratio
 91 100
 126 0.

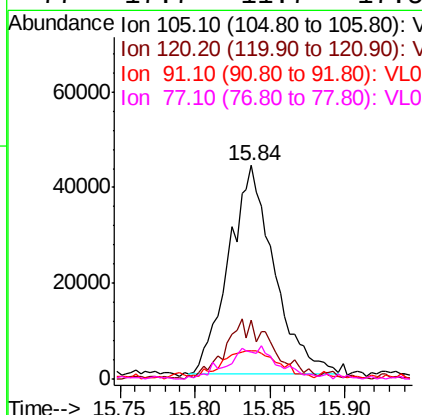
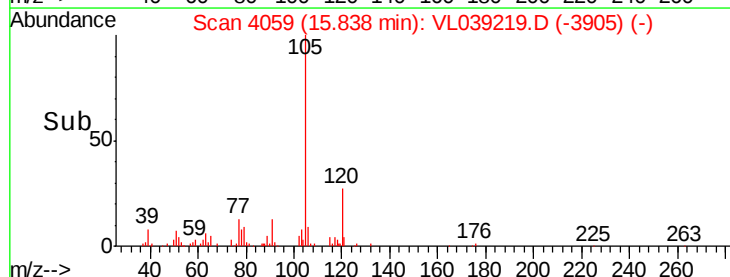
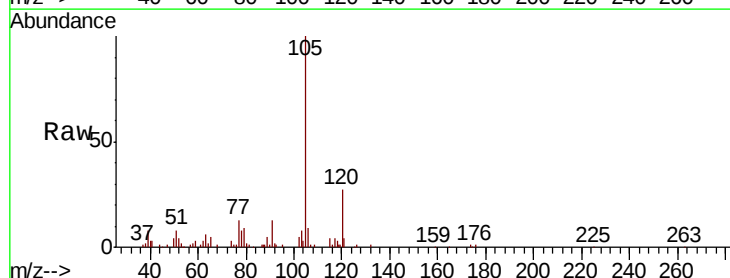
Manual Integrations
 APPROVED

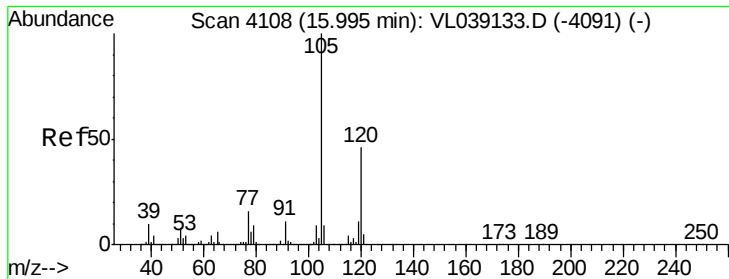
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#72
 4-Ethyltoluene
 Concen: 0.462 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. -0.00 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

Tgt Ion:105 Resp: 92163
 Ion Ratio Lower Upper
 105 100
 120 31.4 23.9 35.9
 91 18.3 10.6 16.0#
 77 17.7 11.7 17.5#



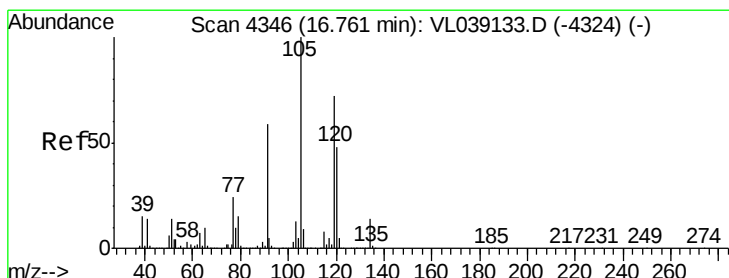
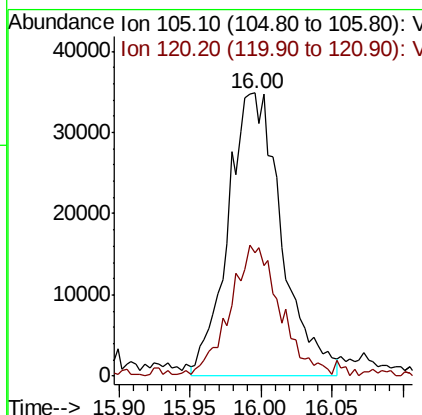
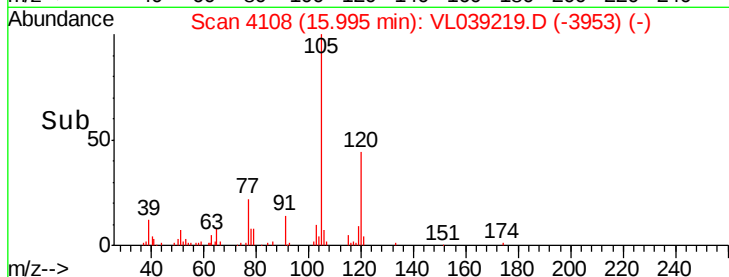
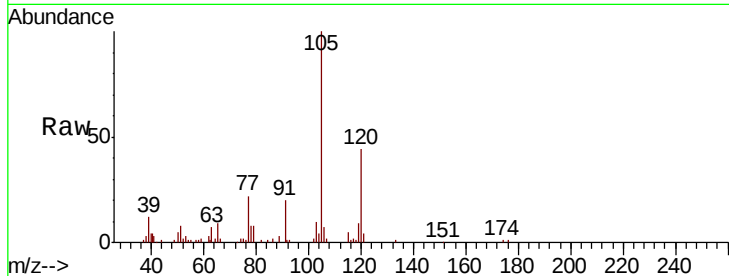


#73
 1,3,5-Trimethylbenzene
 Concen: 0.510 ppbv m
 RT: 16.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 21:35

Tot Ion:1
 Ion Rati
 105 100
 120 43.

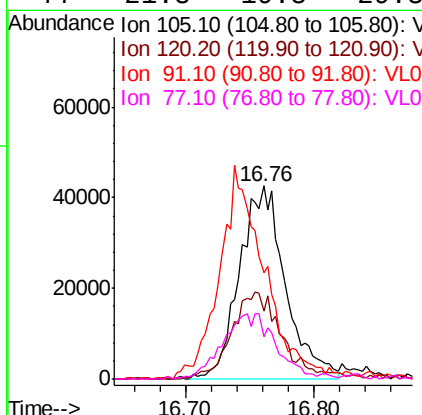
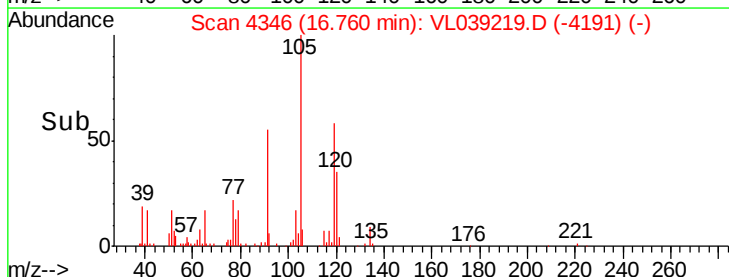
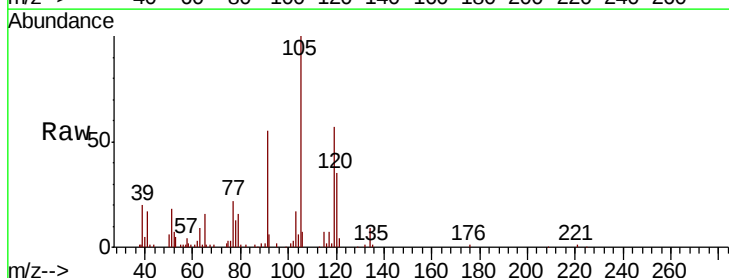
Manual Integrations
 APPROVED

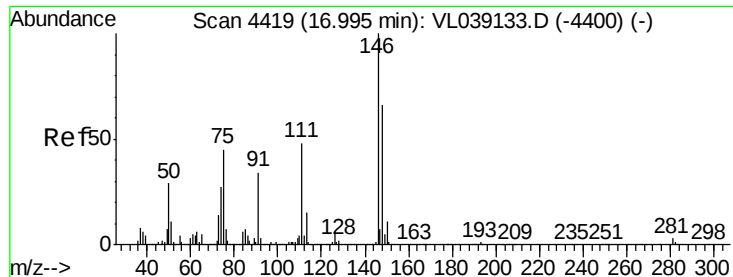
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 0.527 ppbv m
 RT: 16.76 min Scan# 4346
 Delta R.T. -0.00 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

Tgt Ion:105 Resp: 105816
 Ion Ratio Lower Upper
 105 100
 120 35.0 38.1 57.1#
 91 55.0 47.4 71.0
 77 21.8 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 0.527 ppbv m

RT: 16.99

Delta R.T. MSVOA_L

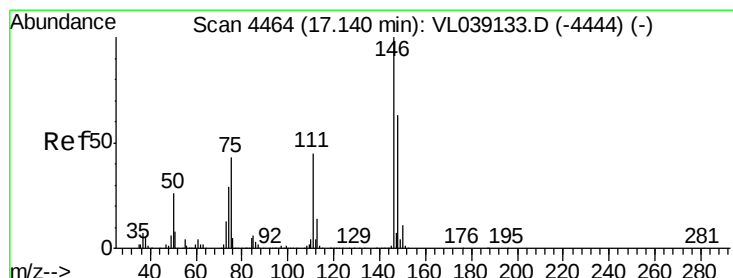
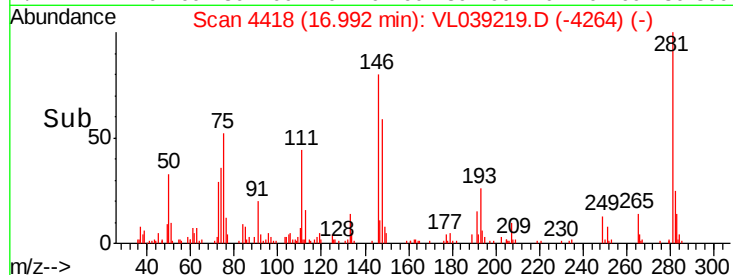
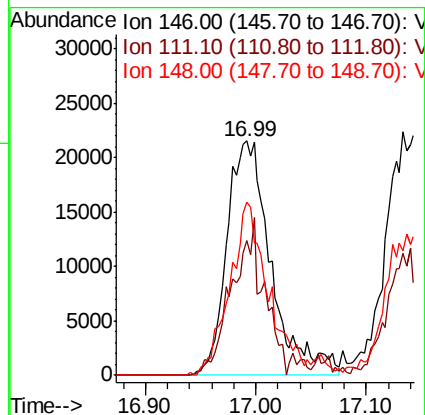
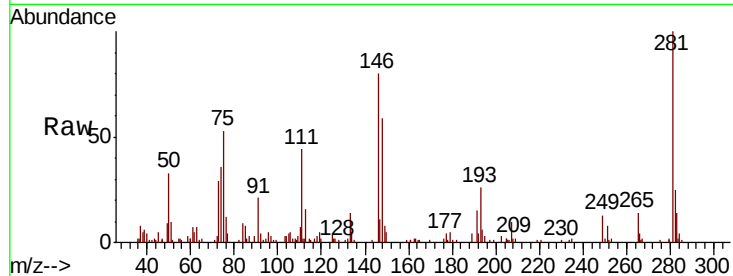
Lab File: ClientSampleId:

Acq: 7 Jun 2022 21:35 LOD-MDL-AIR-01-QT2-2022

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

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#76

1,4-Dichlorobenzene

Concen: 0.521 ppbv m

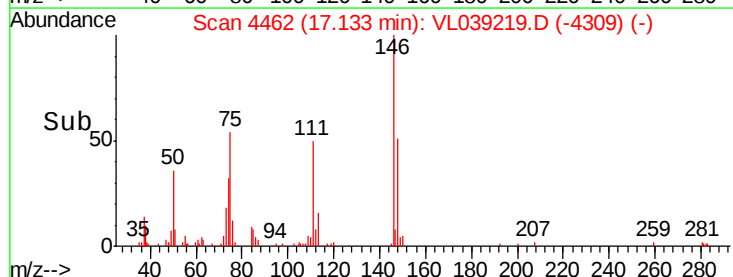
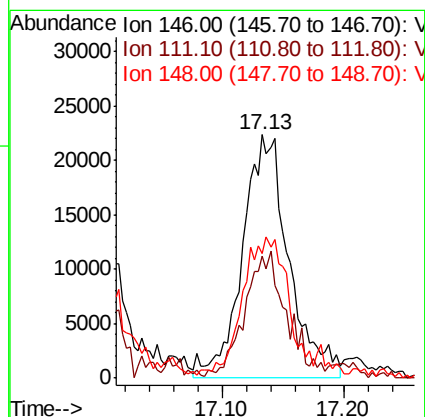
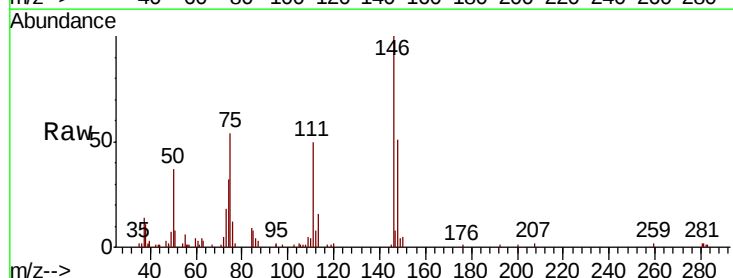
RT: 17.13 min Scan# 4462

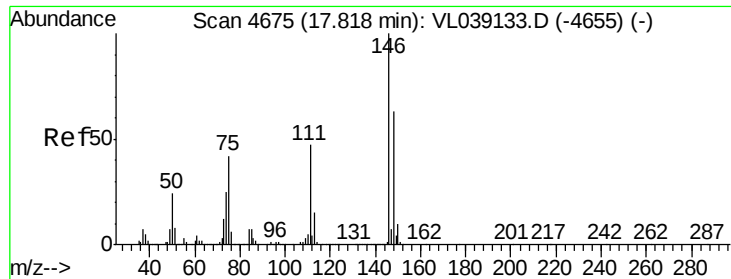
Delta R.T. -0.01 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

Tgt Ion:146 Resp: 59049
Ion Ratio Lower Upper
146 100
111 0.0 23.6 71.0#
148 0.0 33.7 101.0#



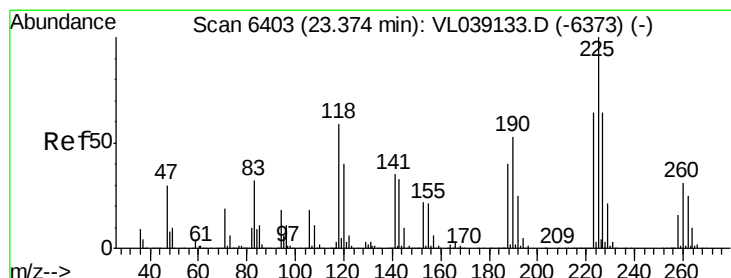
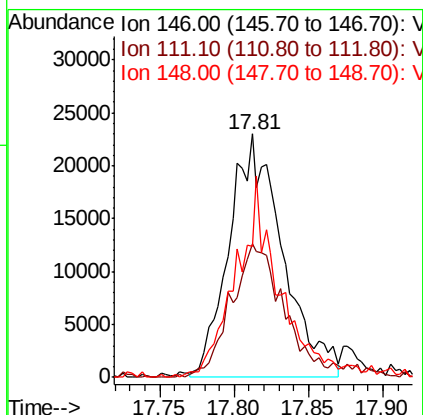
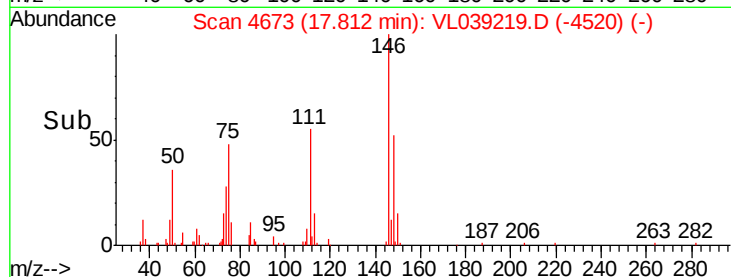
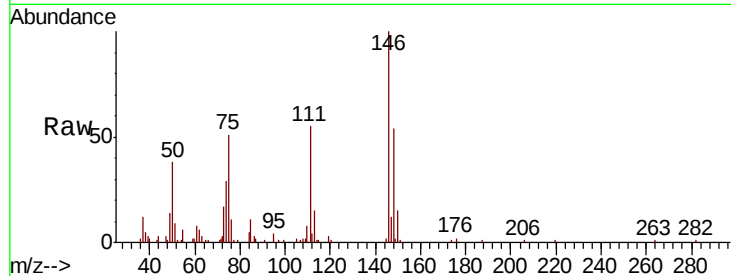


#77
 1,2-Dichlorobenzene
 Concen: 0.505 ppbv m
 RT: 17.81 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 21:35

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

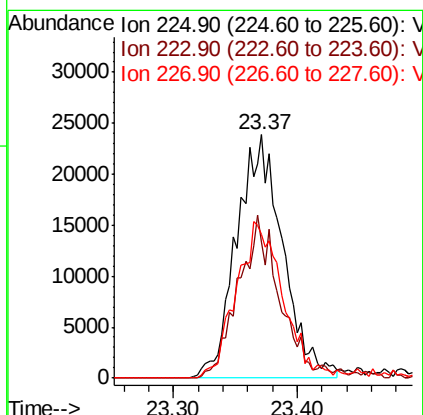
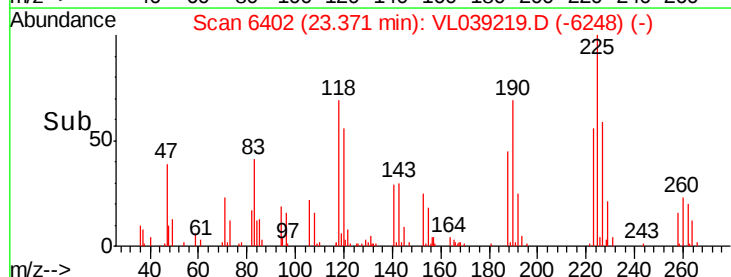
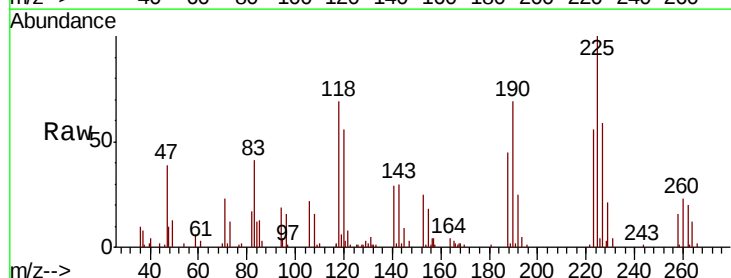
Manual Integrations
 APPROVED

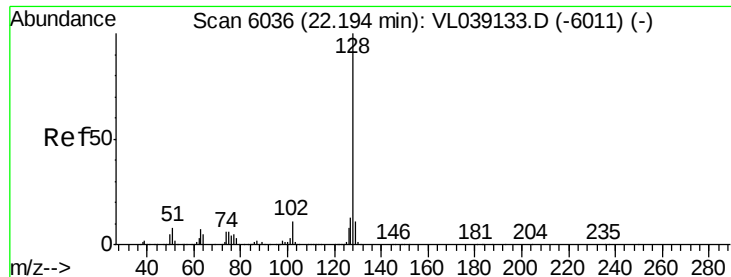
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.587 ppbv m
 RT: 23.37 min Scan# 6402
 Delta R.T. -0.00 min
 Lab File: VL039219.D
 Acq: 7 Jun 2022 21:35

Tgt Ion:225 Resp: 61438
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.4 77.0#
 227 0.0 50.6 75.8#





#79

Naphthalene

Concen: 0.408 ppbv m

RT: 22.19

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

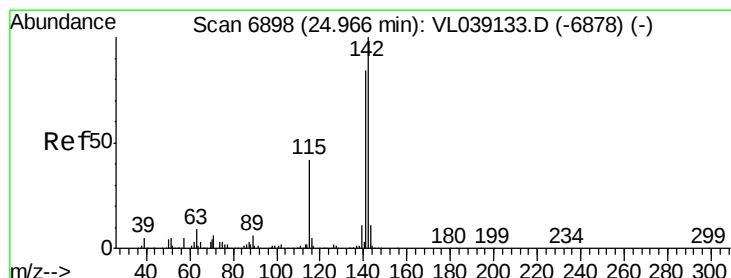
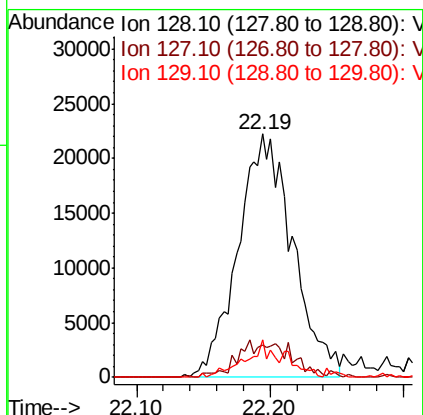
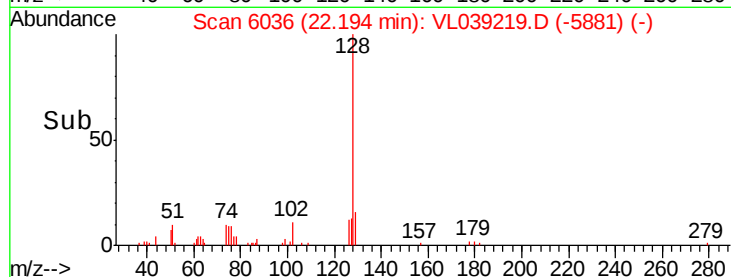
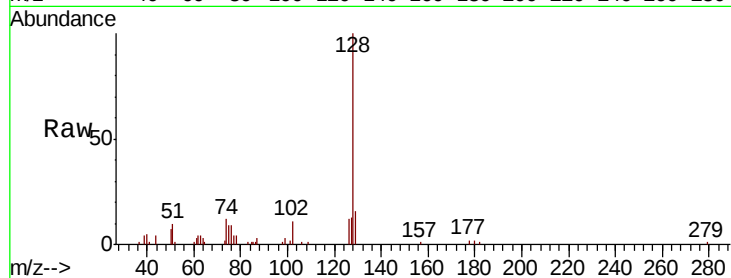
Acq: 7 Jun 2022 21:35

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#80

Naphthalene, 2-methyl-

Concen: 0.197 ppbv m

RT: 24.97 min Scan# 6899

Delta R.T. 0.00 min

Lab File: VL039219.D

Acq: 7 Jun 2022 21:35

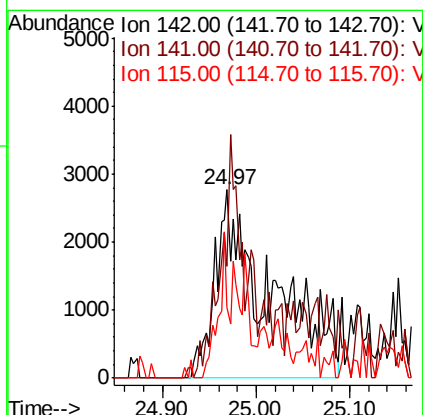
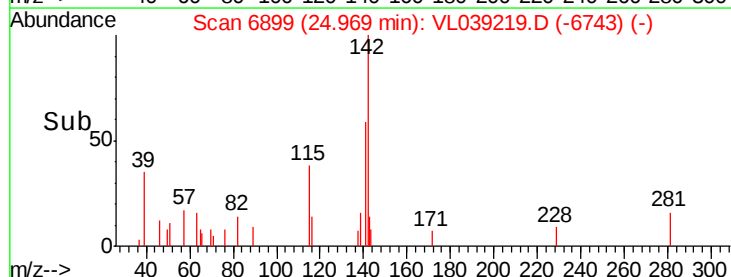
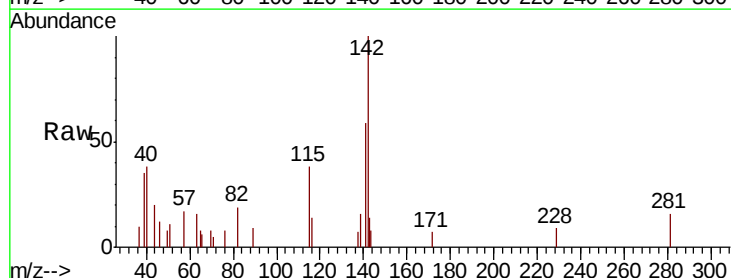
Tgt Ion:142 Resp: 11302

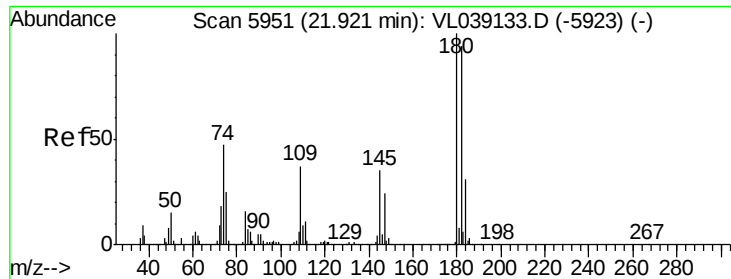
Ion Ratio Lower Upper

142 100

141 73.0 64.6 96.8

115 34.2 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 0.413 ppbv m
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022
 Acq: 7 Jun 2022 21:55

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

