

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051722\
 Data File : VL039070.D
 Acq On : 17 May 2022 15:06
 Operator : SY/AP
 Sample : VL0517ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0517ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/18/2022
 Supervised By : Mahesh Dadoda 05/20/2022

Quant Time: May 18 03:25:01 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A

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

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	910764	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2187753	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2020199m	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1649187	10.31	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.06	85	1176883	8.247	ppbv	97
3) Chlorodifluoromethane	3.00	51	1146661	10.146	ppbv	98
4) Chloromethane	3.15	50	522787	9.237	ppbv	95
5) Vinyl Chloride	3.27	62	546076	10.566	ppbv	93
6) Bromomethane	3.49	94	262519	10.753	ppbv	97
7) Chloroethane	3.57	64	193264	11.173	ppbv	93
8) Dichlorotetrafluoroethane	3.20	85	1366063	10.563	ppbv	99
9) Propene	3.02	41	451326	9.145	ppbv	99
10) Heptane	8.14	43	1174668	9.701	ppbv	97
11) Trichlorofluoromethane	3.97	101	1314678	10.737	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	917353	10.876	ppbv	98
13) Ethanol	3.62	45	45383m	12.994	ppbv	
14) Bromoethene	3.75	108	394475	11.342	ppbv	97
15) Acetone	3.86	43	897751	10.450	ppbv	100
16) 1,3-Butadiene	3.34	39	497517	10.079	ppbv	98
17) tert-Butyl alcohol	4.29	59	789633	11.959	ppbv	98
18) 1,1-Dichloroethene	4.31	96	407137	11.216	ppbv	97
19) Isopropyl Alcohol	3.97	45	465194	11.388	ppbv	100
20) Methylene Chloride	4.36	84	335299	10.355	ppbv	99
21) Allyl Chloride	4.43	41	613988	10.488	ppbv	98
22) trans-1,2-Dichloroethene	4.90	96	420621	10.727	ppbv	99
23) Vinyl Acetate	5.09	43	592075	8.710	ppbv	97
24) 1,1-Dichloroethane	5.02	63	831101	10.618	ppbv	100
25) Ethyl Acetate	5.69	43	2295836	11.165	ppbv	99
26) Hexane	5.70	57	924394	10.118	ppbv	94
27) Carbon Disulfide	4.57	76	949682	10.942	ppbv	99
28) Methyl tert-Butyl Ether	5.05	73	766644	11.029	ppbv	99
29) Chloroform	5.77	83	1551654	10.497	ppbv	98
30) Cyclohexane	7.15	84	737069	9.636	ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	953608	10.245	ppbv	98
32) 1,1,1-Trichloroethane	6.53	97	1584386	10.720	ppbv	99
34) 2-Butanone	5.26	43	1252068	11.218	ppbv	100
35) Carbon Tetrachloride	7.03	117	1628916	11.300	ppbv	98
36) Benzene	6.91	78	1827198	9.759	ppbv	97
37) 1,2-Dichloroethane	6.32	62	1252189	10.810	ppbv	98
38) Trichloroethene	7.85	130	710757	8.540	ppbv	98
39) 1,2-Dichloropropane	7.63	63	721306	9.901	ppbv	94
40) 1,4-Dioxane	7.84	88	243782	9.317	ppbv #	1
41) Tetrahydrofuran	6.06	42	735701	9.807	ppbv	99
42) Bromodichloromethane	7.81	83	1706320	10.774	ppbv	98
43) Methyl Methacrylate	8.03	69	791023	10.407	ppbv	97

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 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	3179999	9.680	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	658153	8.945	ppbv	95
46) cis-1,3-Dichloropropene	8.72	75	910698	9.334	ppbv	98
47) 1,1,2-Trichloroethane	9.49	97	763401	10.076	ppbv	97
48) Dibromochloromethane	10.32	129	1363538	11.057	ppbv	100
49) Bromoform	13.06	173	1083990	11.526	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	1922125	9.821	ppbv	100
51) 2-Hexanone	10.15	43	1423694	9.967	ppbv #	100
52) Tetrachloroethene	11.24	164	653142	9.762	ppbv	99
53) Toluene	9.82	91	2126066	10.132	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1101631	10.680	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.14	131	989735	11.166	ppbv	95
57) Chlorobenzene	12.16	112	1533186	10.125	ppbv	100
58) Ethyl Benzene	12.73	91	2941667	10.118	ppbv	97
59) m/p-Xylene	13.01	91	5072749m	20.438	ppbv	
60) o-Xylene	13.71	91	2449787	10.487	ppbv	97
61) Styrene	13.54	104	1284479	10.300	ppbv	100
62) Isopropylbenzene	14.68	105	3627513	10.619	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.69	83	1644022	11.952	ppbv	100
64) n-propylbenzene	15.57	120	899780	10.894	ppbv	98
65) tert-Butylbenzene	16.76	119	3199058	10.688	ppbv	99
66) Benzyl Chloride	17.00	91	200958	5.136	ppbv	99
67) sec-Butylbenzene	17.30	105	4572204	10.692	ppbv	99
69) p-Isopropyltoluene	17.66	119	3790694	10.973	ppbv	99
70) n-Butylbenzene	18.56	91	4043722	11.017	ppbv	99
71) 2-Chlorotoluene	15.46	91	2766747	10.506	ppbv	100
72) 4-Ethyltoluene	15.85	105	2794084	10.497	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	2549908	10.640	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	2810273	10.710	ppbv	98
75) 1,3-Dichlorobenzene	17.01	146	1554655	10.814	ppbv	100
76) 1,4-Dichlorobenzene	17.15	146	1490188	10.536	ppbv	97
77) 1,2-Dichlorobenzene	17.83	146	1512766	10.639	ppbv	100
78) Hexachloro-1,3-Butadiene	23.39	225	1183243m	9.055	ppbv	
79) Naphthalene	22.20	128	2148806	10.082	ppbv	98
80) Naphthalene, 2-methyl-	24.98	142	498699	7.735	ppbv	98
81) 1,2,4-Trichlorobenzene	21.94	180	1199753m	9.606	ppbv	

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

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Quant Time: May 18 03:25:01 2022

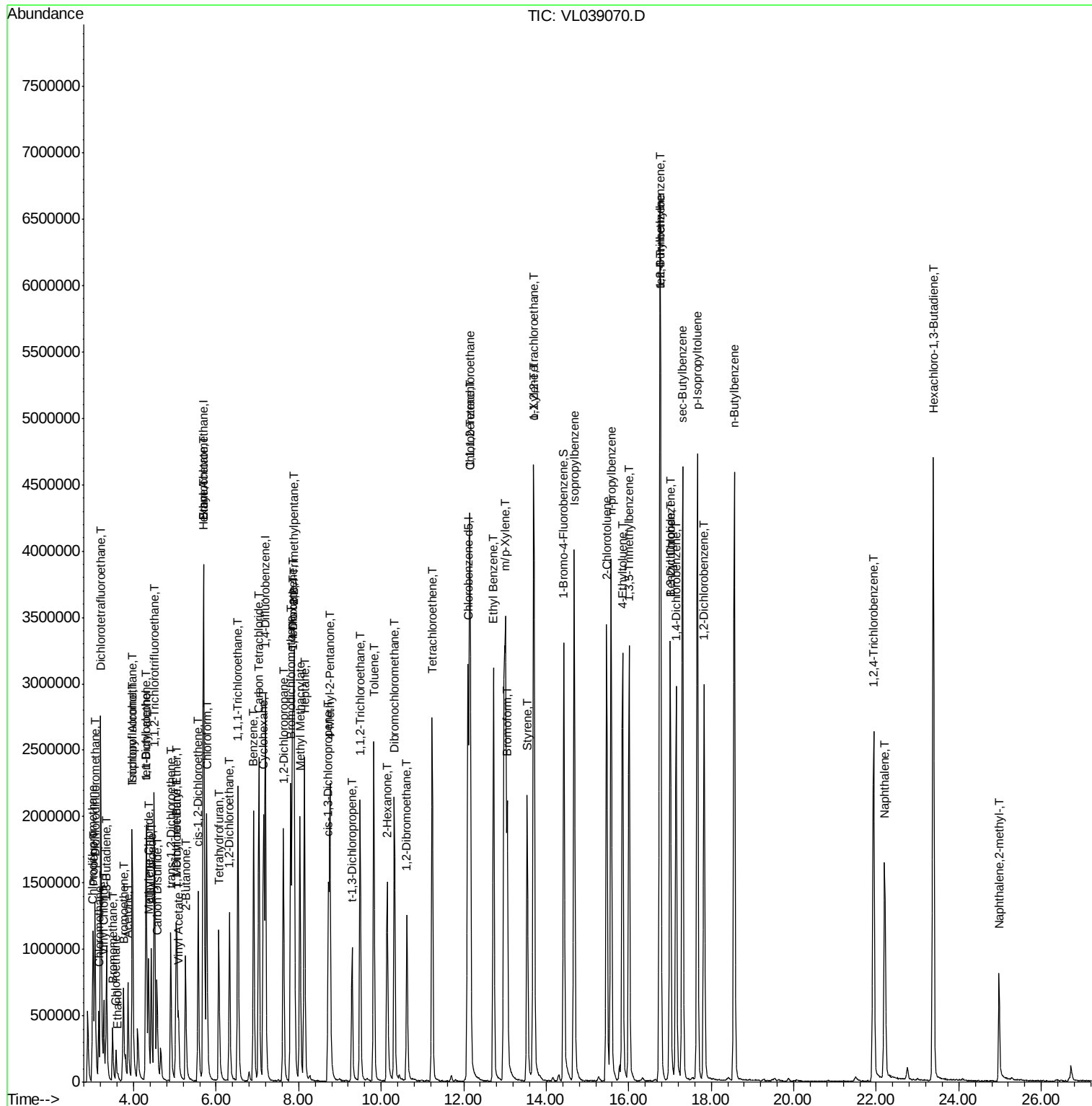
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522

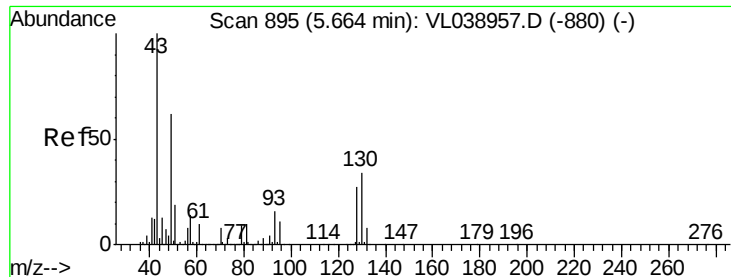
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0517ABS01

Acq: 17 May 2022 15:00

Tot Ion:

Ion Ratio

49 100

128 46.

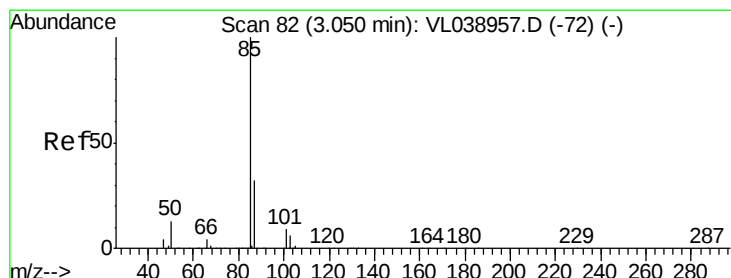
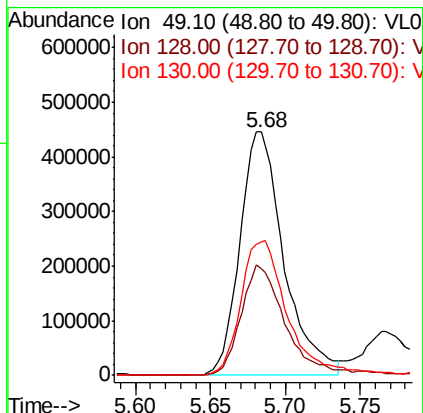
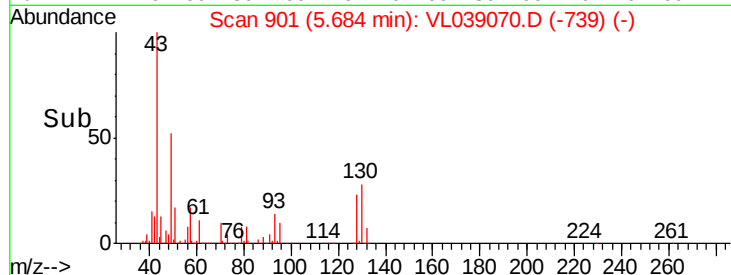
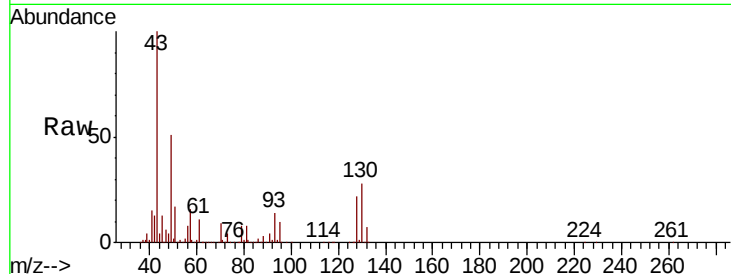
130 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#2

Dichlorodifluoromethane

Concen: 8.247 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.01 min

Lab File: VL039070.D

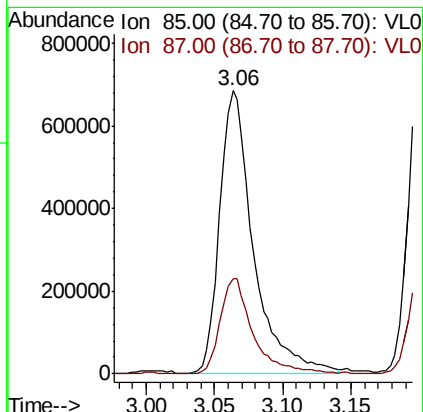
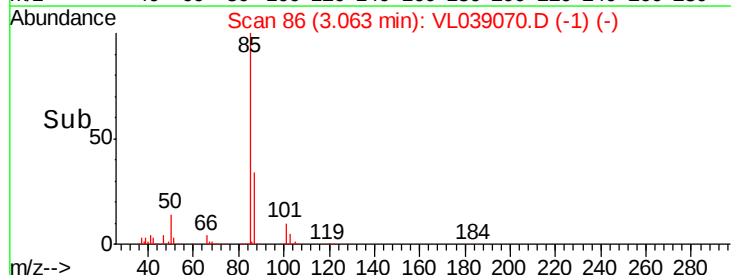
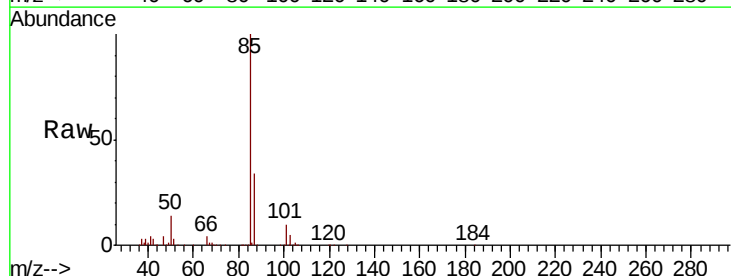
Acq: 17 May 2022 15:06

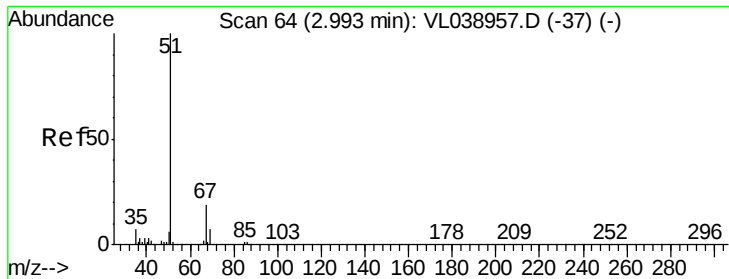
Tgt Ion: 85 Resp: 1176883

Ion Ratio Lower Upper

85 100

87 33.8 25.7 38.5





#3

Chlorodifluoromethane

Concen: 10.146 ppbv

RT: 3.00 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 May 2022 15:00

Tot Ion:

Ion Ratio

51 100

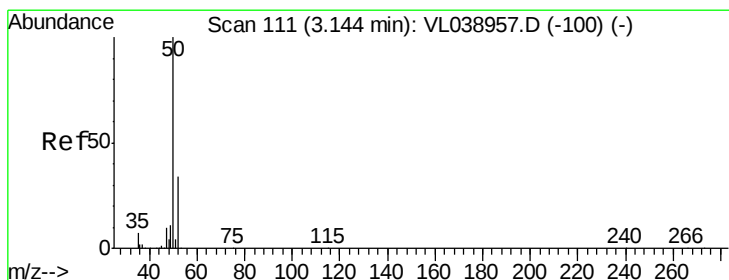
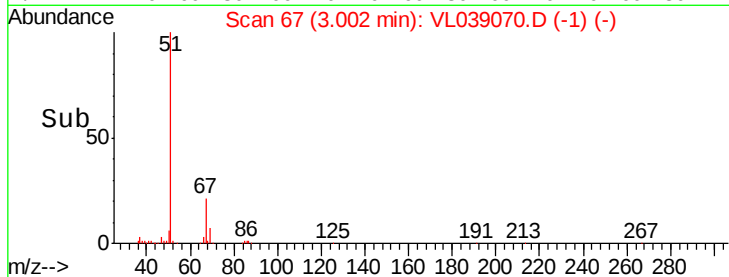
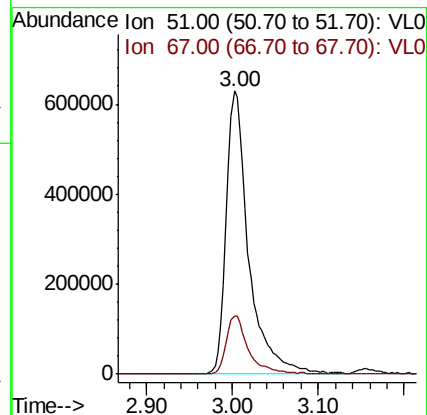
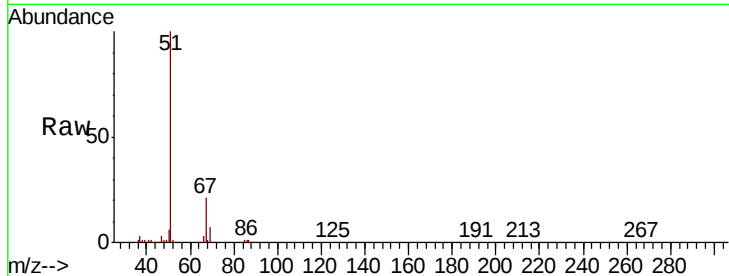
67 20.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#4

Chloromethane

Concen: 9.237 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL039070.D

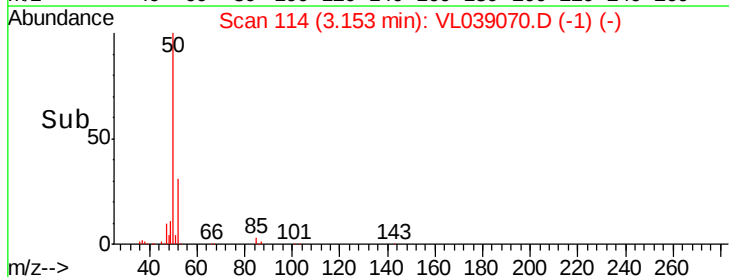
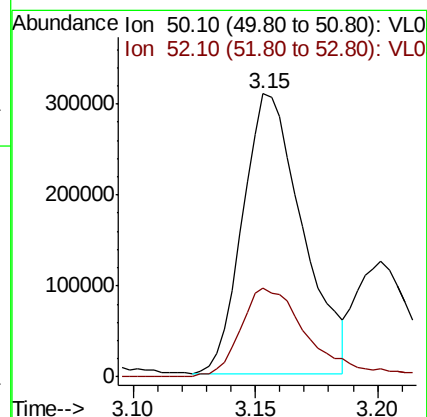
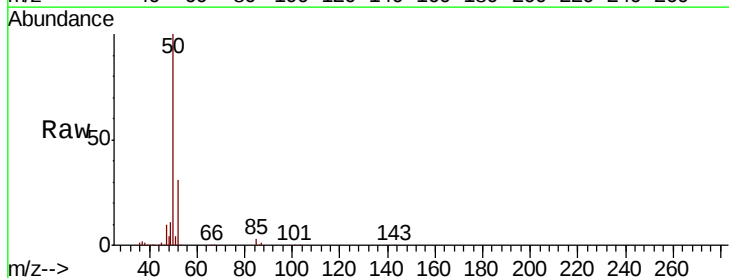
Acq: 17 May 2022 15:06

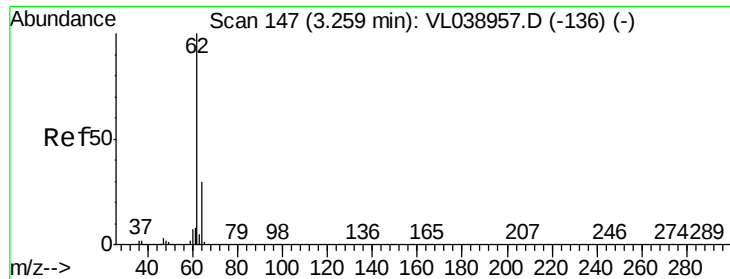
Tgt Ion: 50 Resp: 522787

Ion Ratio Lower Upper

50 100

52 31.5 27.3 40.9





#5

Vinyl Chloride

Concen: 10.566 ppbv

RT: 3.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0517ABS01

Acq: 17 May 2022 15:00

Tot Ion:

Ion Ratio

62 100

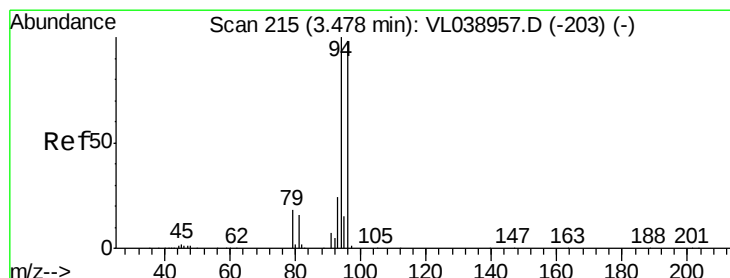
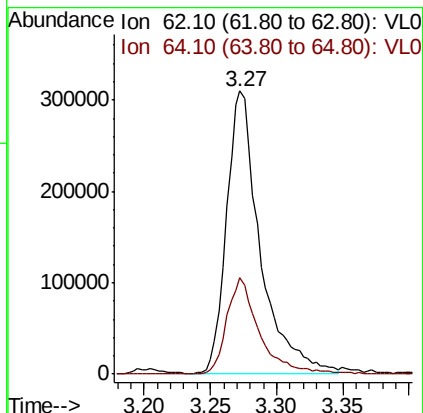
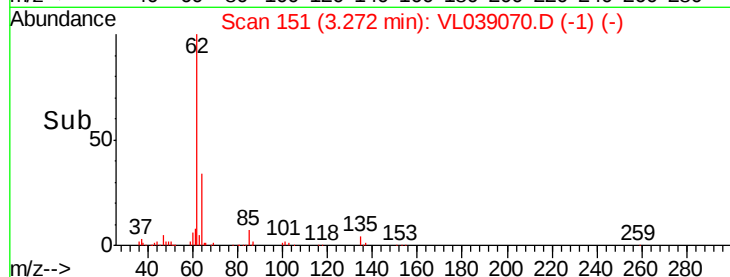
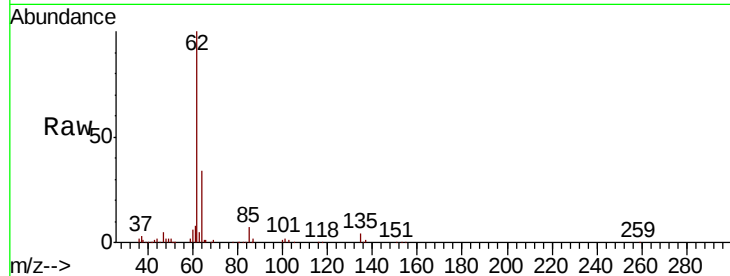
64 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#6

Bromomethane

Concen: 10.753 ppbv

RT: 3.49 min Scan# 218

Delta R.T. 0.01 min

Lab File: VL039070.D

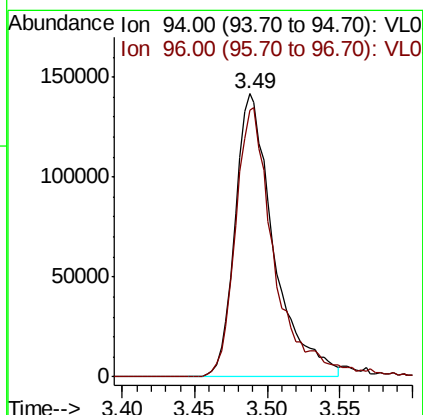
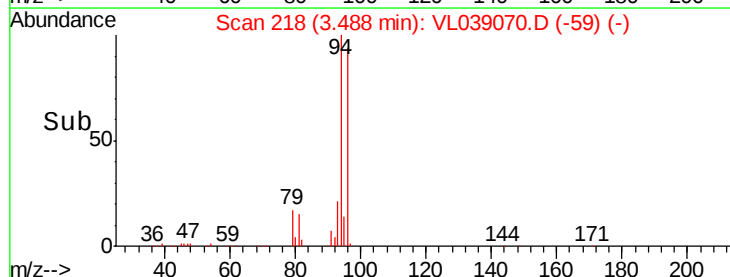
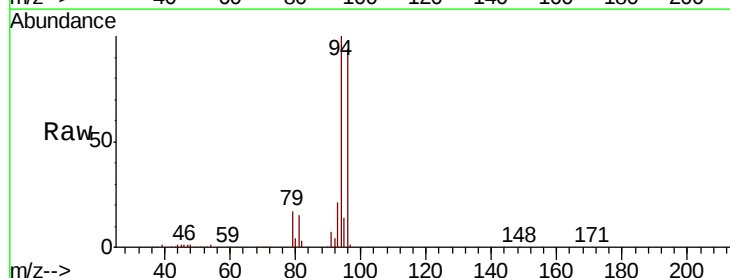
Acq: 17 May 2022 15:06

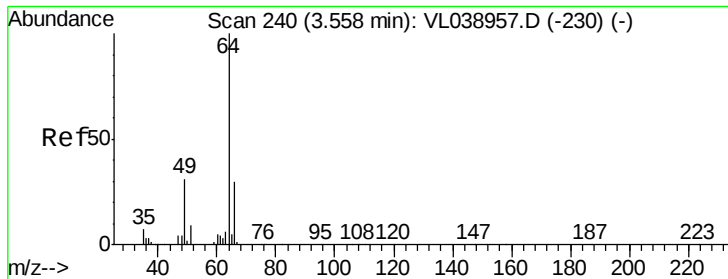
Tgt Ion: 94 Resp: 262519

Ion Ratio Lower Upper

94 100

96 94.3 78.1 117.1





#7

Chloroethane

Concen: 11.173 ppbv

RT: 3.57 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 May 2022 15:00 VL0517ABS01

Tot Ion:

Ion Ratio

64 100

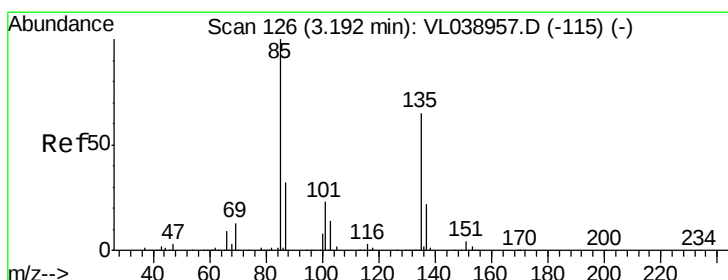
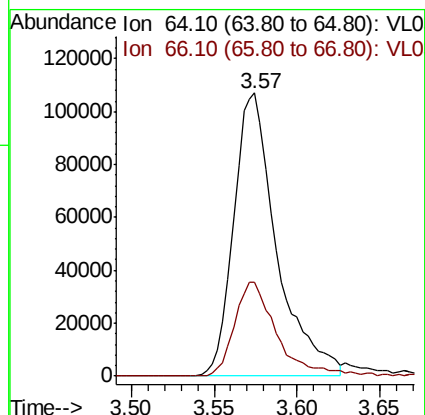
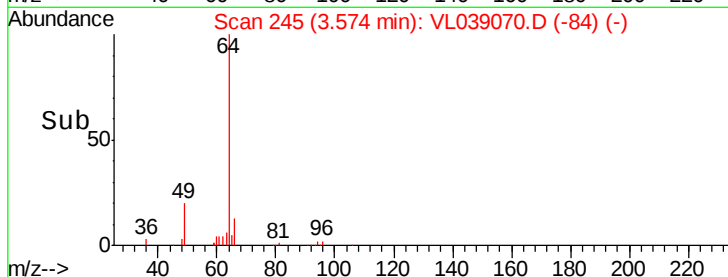
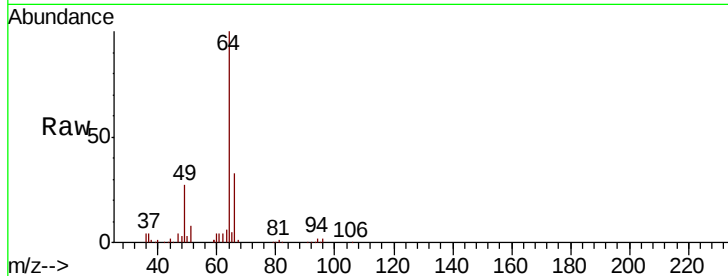
66 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#8

Dichlorotetrafluoroethane

Concen: 10.563 ppbv

RT: 3.20 min Scan# 129

Delta R.T. 0.01 min

Lab File: VL039070.D

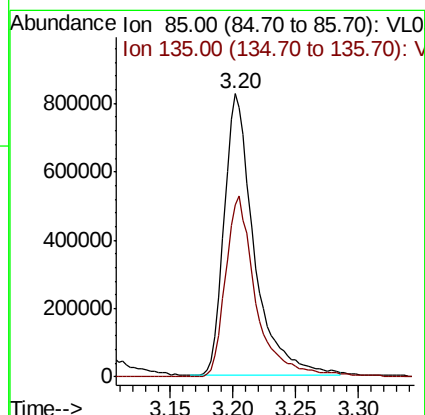
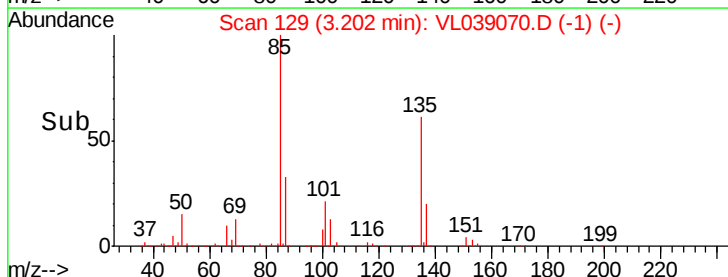
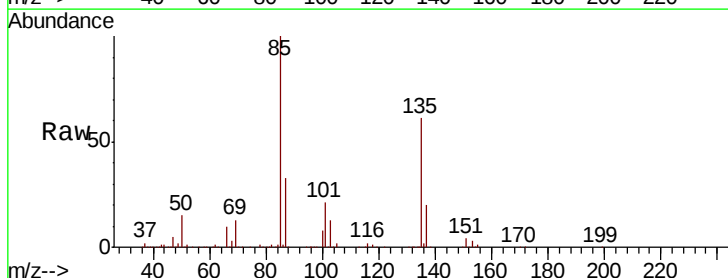
Acq: 17 May 2022 15:06

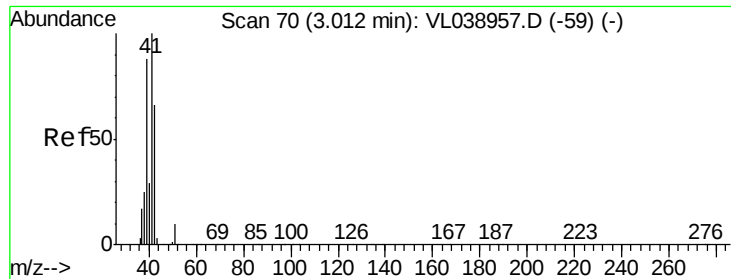
Tgt Ion: 85 Resp: 1366063

Ion Ratio Lower Upper

85 100

135 66.1 53.6 80.4



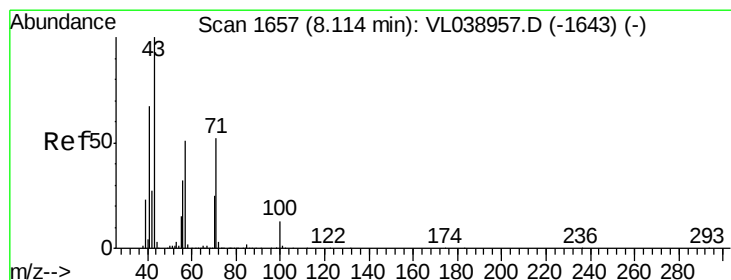
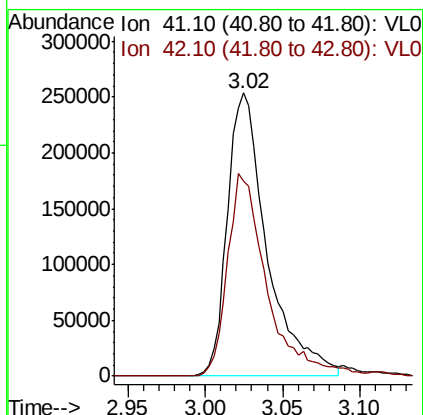
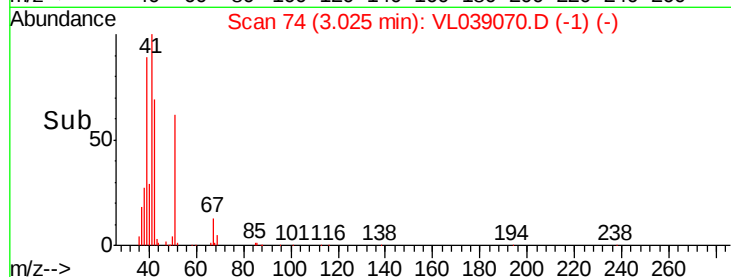
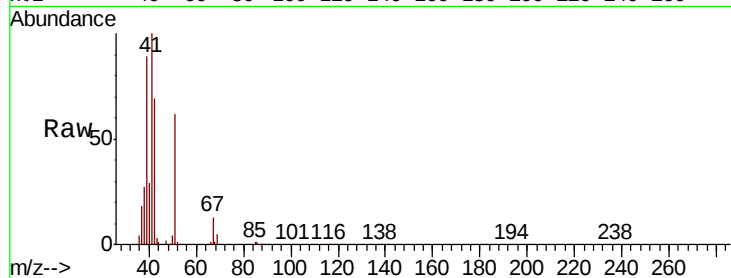


#9
 Propene
 Concen: 9.145 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0517ABS01
 Acq: 17 May 2022 15:00

Tot Ion:
 Ion Ratio
 41 100
 42 72.

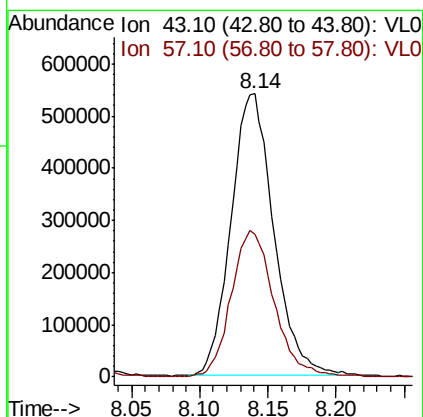
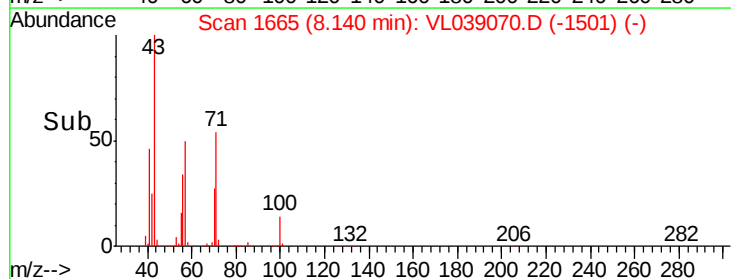
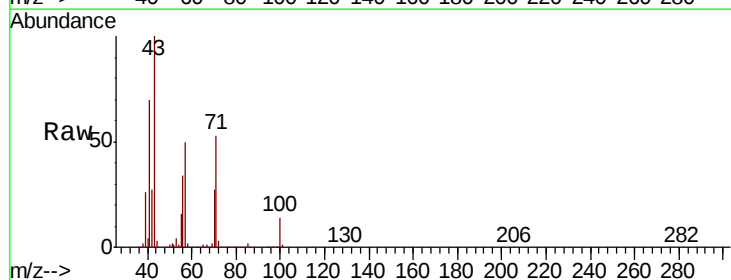
Manual Integrations
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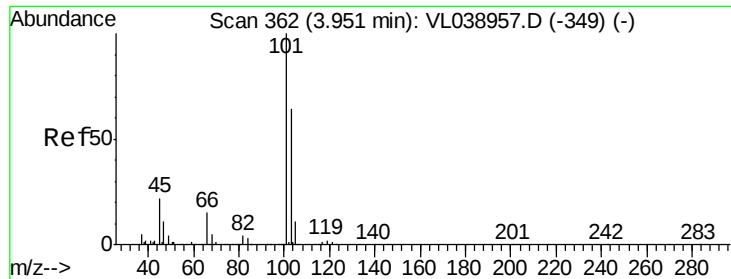
Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022



#10
 Heptane
 Concen: 9.701 ppbv
 RT: 8.14 min Scan# 1665
 Delta R.T. 0.03 min
 Lab File: VL039070.D
 Acq: 17 May 2022 15:06

Tgt Ion: 43 Resp: 1174668
 Ion Ratio Lower Upper
 43 100
 57 52.4 40.5 60.7





#11

Trichlorofluoromethane

Concen: 10.737 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0517ABS01

Acq: 17 May 2022 15:00

Tot Ion:1

Ion Rati

101 100

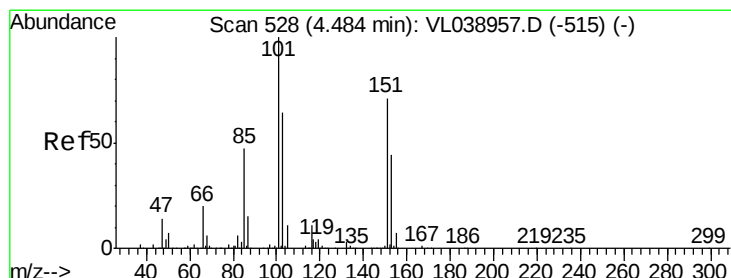
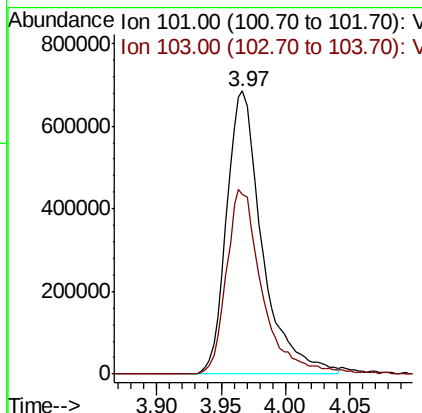
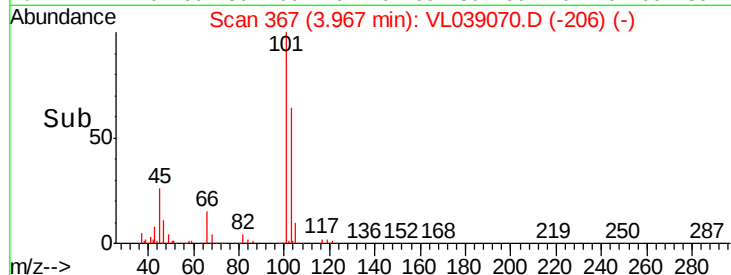
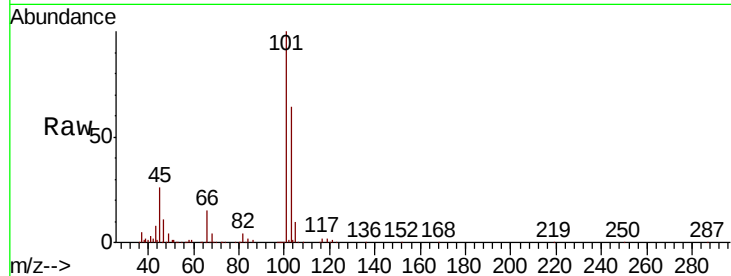
103 63.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.876 ppbv

RT: 4.50 min Scan# 533

Delta R.T. 0.02 min

Lab File: VL039070.D

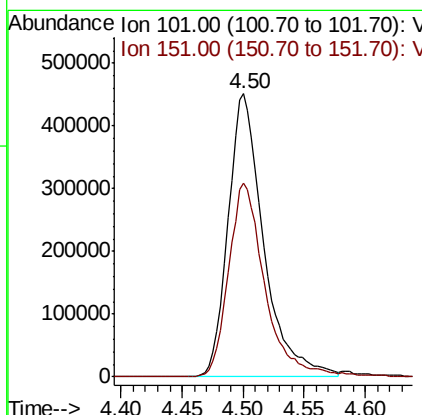
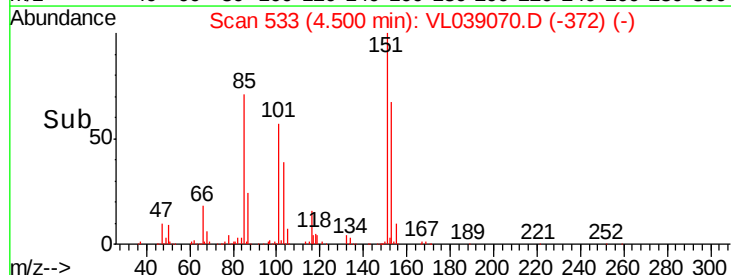
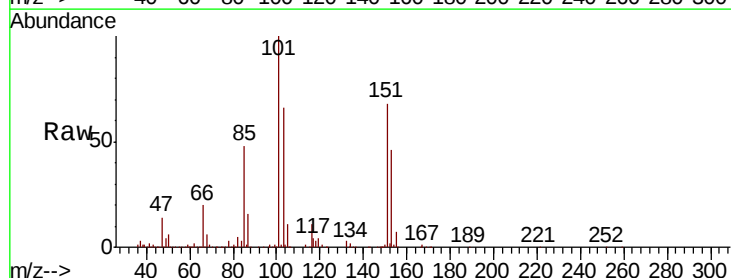
Acq: 17 May 2022 15:06

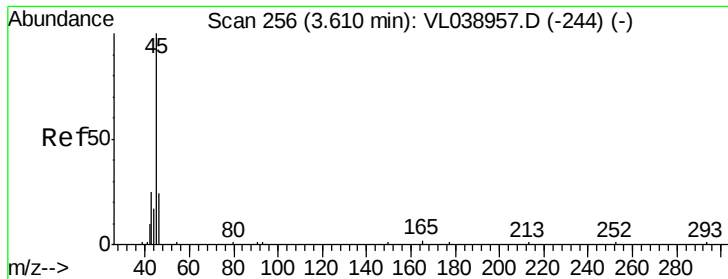
Tgt Ion:101 Resp: 917353

Ion Ratio Lower Upper

101 100

151 70.6 55.4 83.0



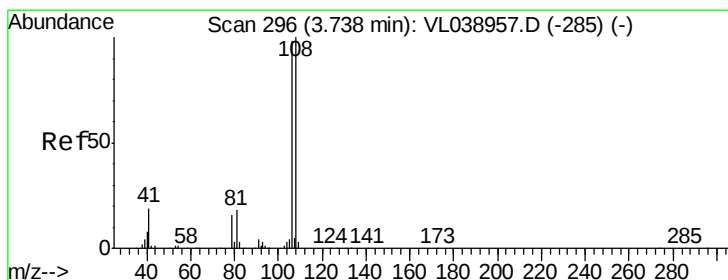
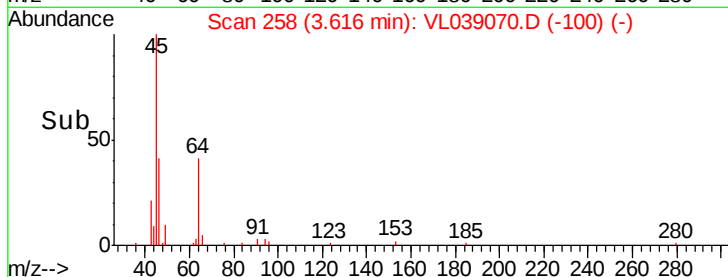
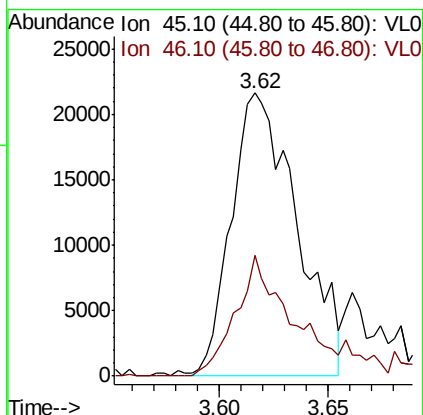
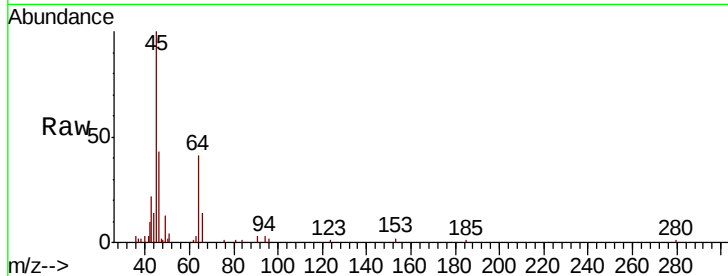


#13
Ethanol
Concen: 12.994 ppbv m
RT: 3.62
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
VL0517ABS01
Acq: 17 May 2022 15:00

Tot Ion:
Ion Rati
45 100
46 42.

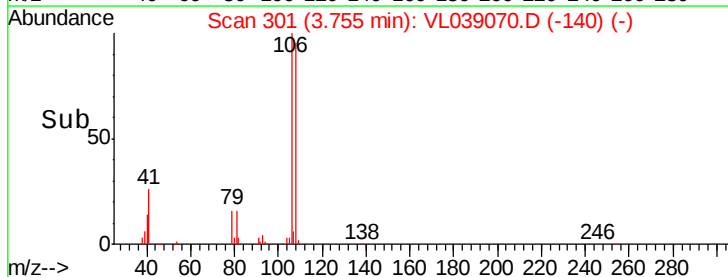
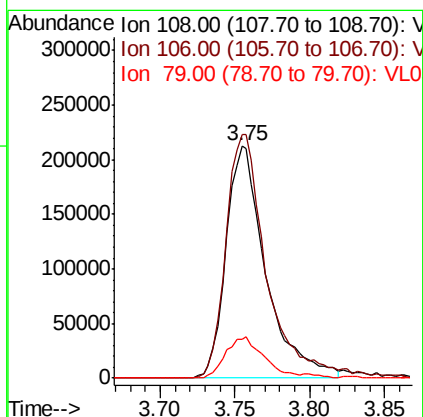
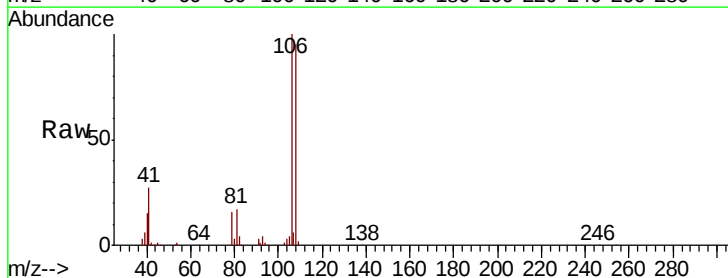
Manual Integrations
APPROVED

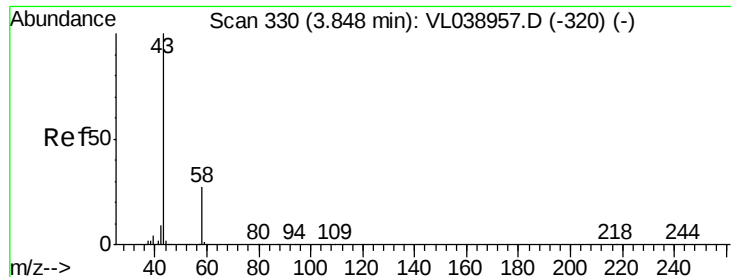
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#14
Bromoethene
Concen: 11.342 ppbv
RT: 3.75 min Scan# 301
Delta R.T. 0.02 min
Lab File: VL039070.D
Acq: 17 May 2022 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	394475		
106	109.1		90.3	135.5
79	18.5		14.9	22.3





#15

Acetone

Concen: 10.450 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 May 2022 15:00

Tot Ion:

Ion Ratio

43 100

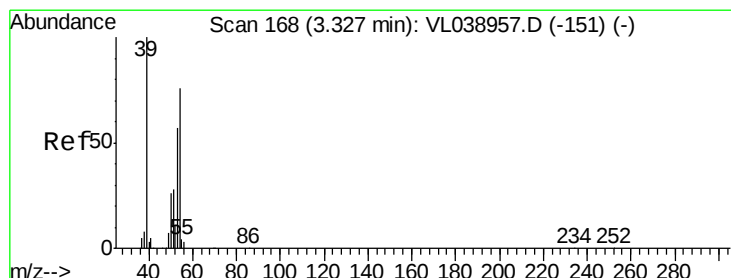
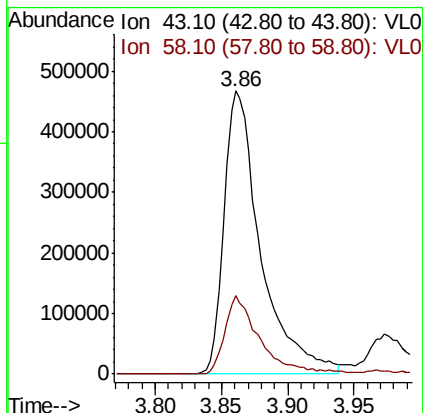
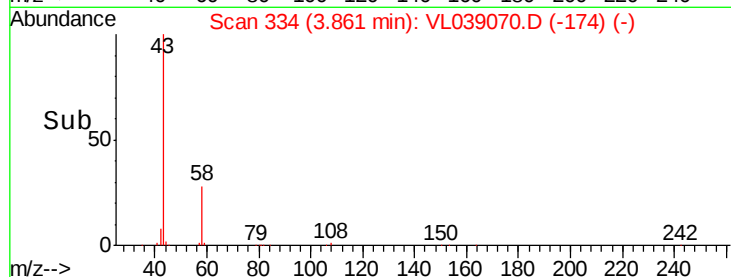
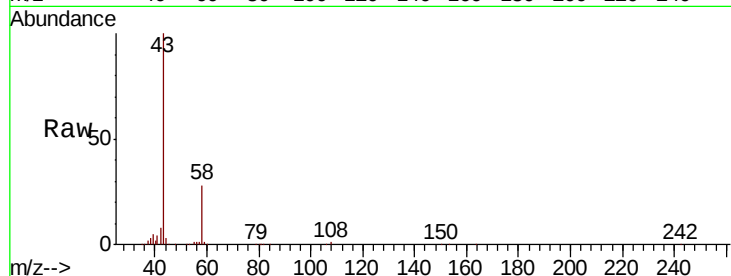
58 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#16

1,3-Butadiene

Concen: 10.079 ppbv

RT: 3.34 min Scan# 173

Delta R.T. 0.02 min

Lab File: VL039070.D

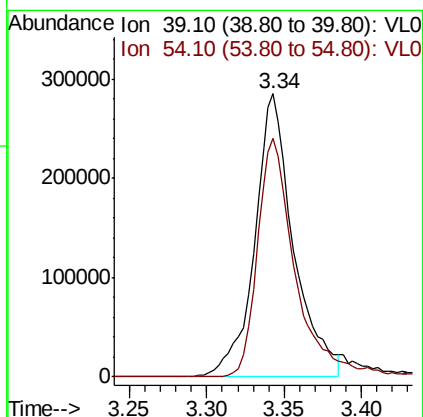
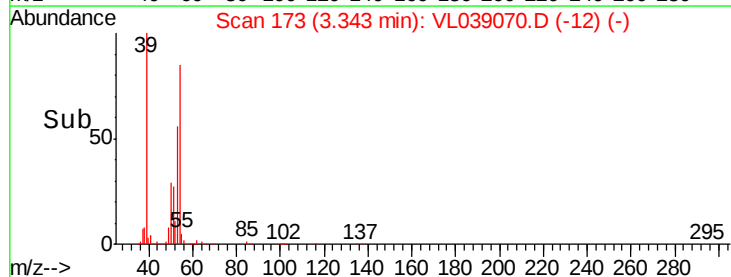
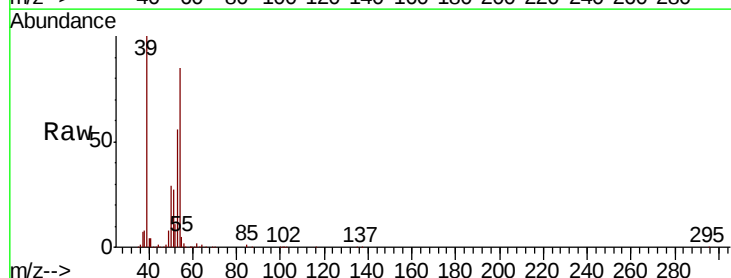
Acq: 17 May 2022 15:06

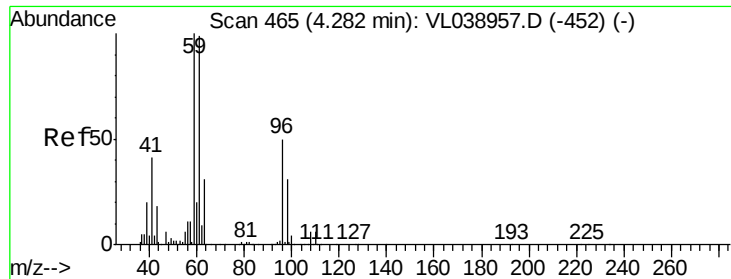
Tgt Ion: 39 Resp: 497517

Ion Ratio Lower Upper

39 100

54 83.6 65.2 97.8





#17

tert-Butyl alcohol

Concen: 11.959 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. 0.02 min

Lab File: VL0517ABS01 Client SampleId:

Acq: 17 May 2022 15:00

Tot Ion:

Ion Ratio

59 100

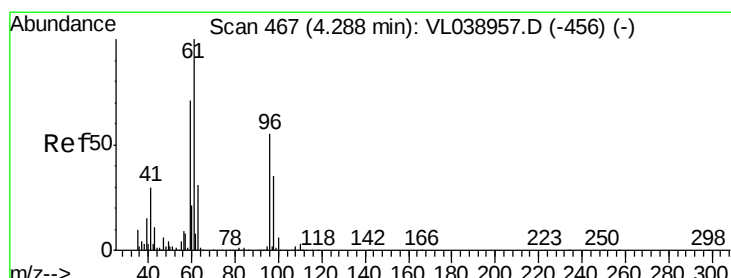
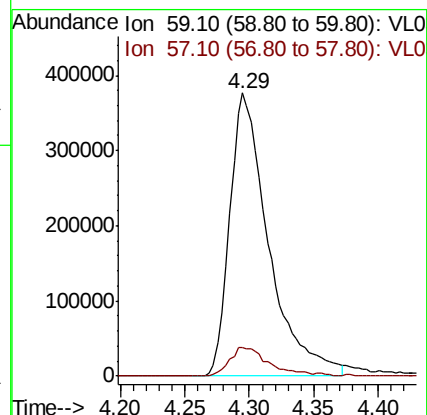
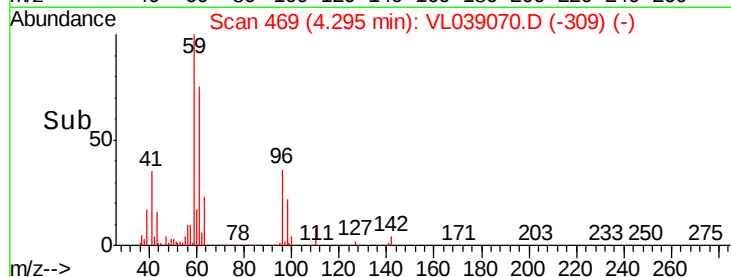
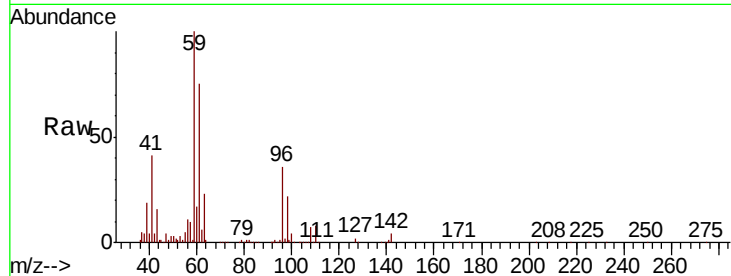
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#18

1,1-Dichloroethene

Concen: 11.216 ppbv

RT: 4.31 min Scan# 473

Delta R.T. 0.02 min

Lab File: VL039070.D

Acq: 17 May 2022 15:06

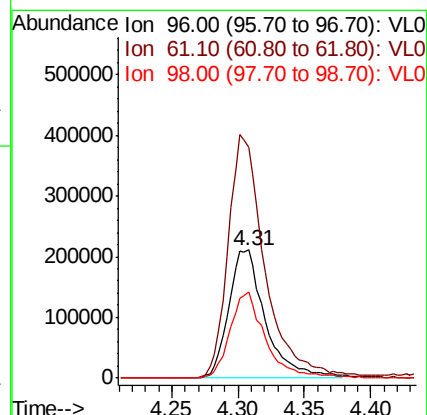
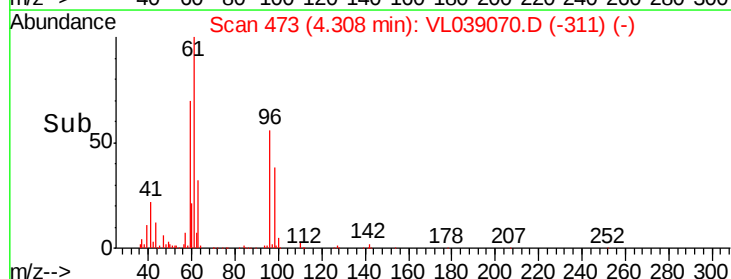
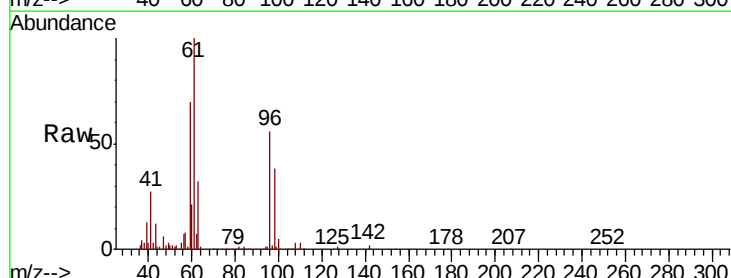
Tgt Ion: 96 Resp: 407137

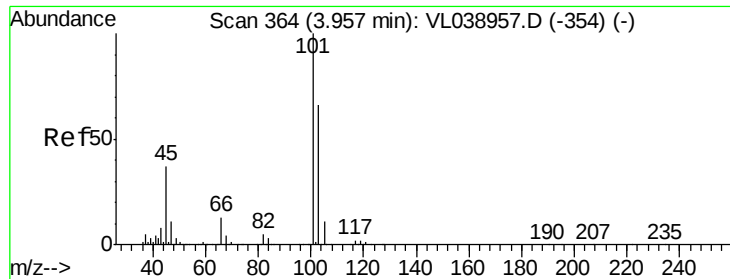
Ion Ratio Lower Upper

96 100

61 179.7 146.3 219.5

98 67.4 50.6 75.8





#19

Isopropyl Alcohol

Concen: 11.388 ppbv

RT: 3.97 Instrument: MSVOA_1

Delta R.T. 0.02 min

Lab File: VL0517ABS01

Acq: 17 May 2022 15:00

Tot Ion:

Ion Ratio

45 100

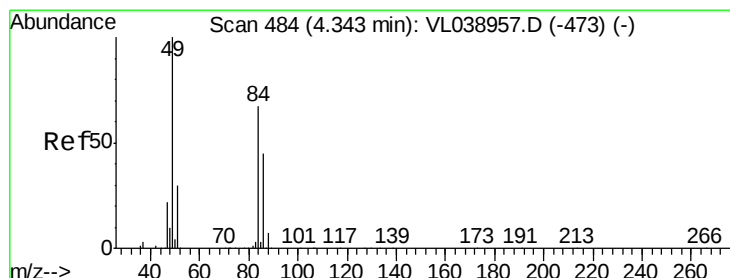
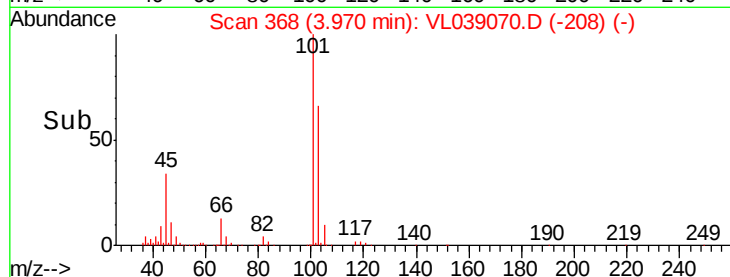
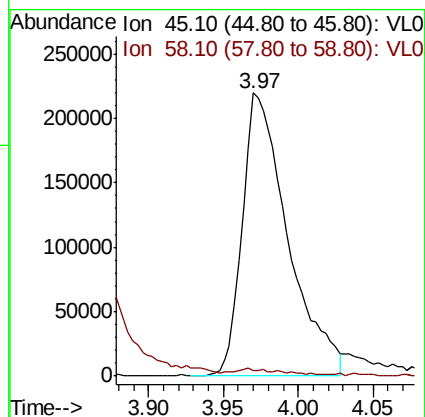
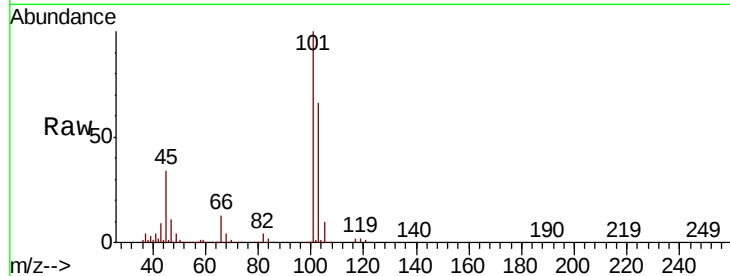
58 1.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#20

Methylene Chloride

Concen: 10.355 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.02 min

Lab File: VL039070.D

Acq: 17 May 2022 15:06

Tgt Ion: 84 Resp: 335299

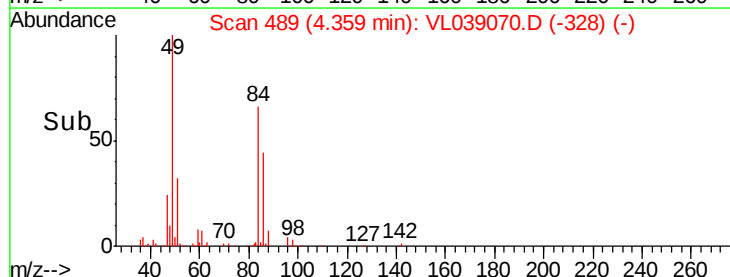
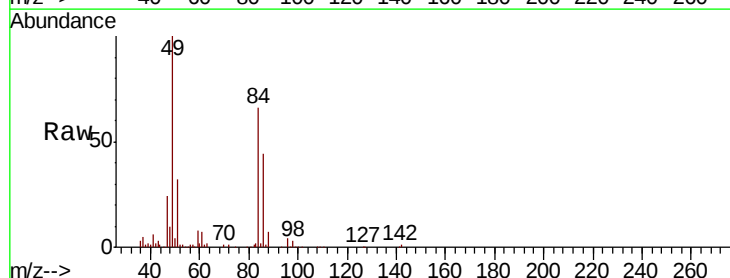
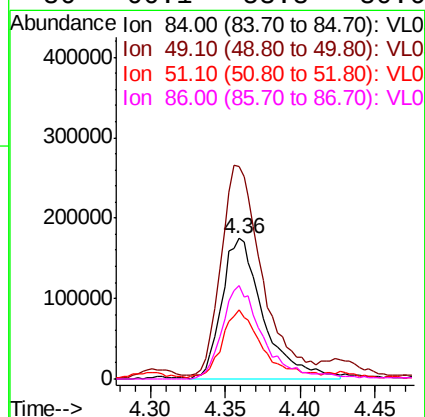
Ion Ratio Lower Upper

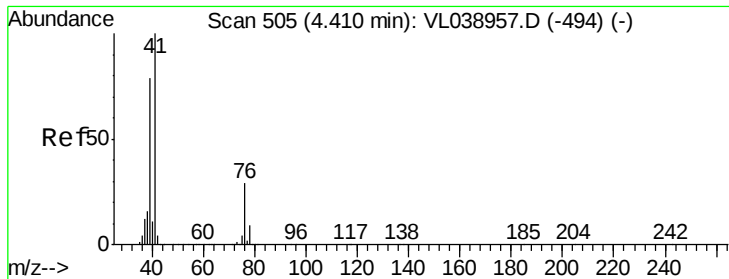
84 100

49 149.1 119.9 179.9

51 47.3 35.7 53.5

86 66.1 53.8 80.6





#21

Allvl Chloride

Concen: 10.488 ppbv

RT: 4.43

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 May 2022 15:00

Tot Ion:

Ion Ratio

41 100

76 28.

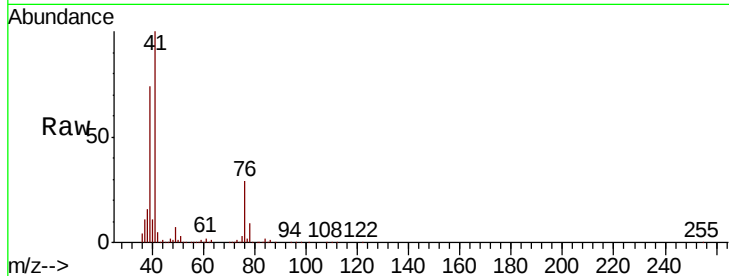
39 78.

Manual Integrations

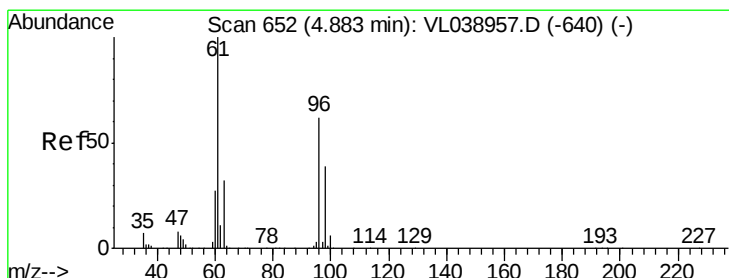
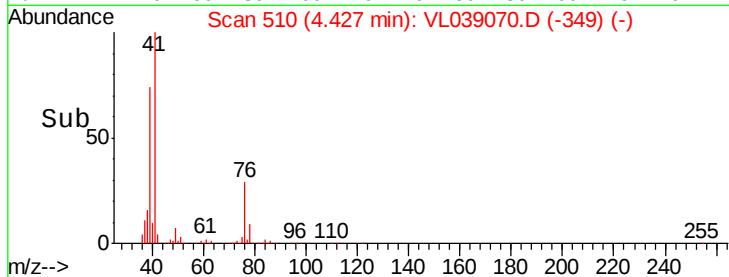
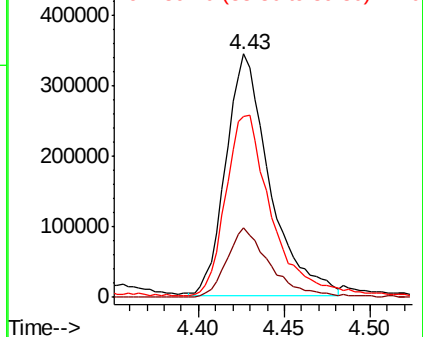
APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 10.727 ppbv

RT: 4.90 min Scan# 657

Delta R.T. 0.02 min

Lab File: VL039070.D

Acq: 17 May 2022 15:06

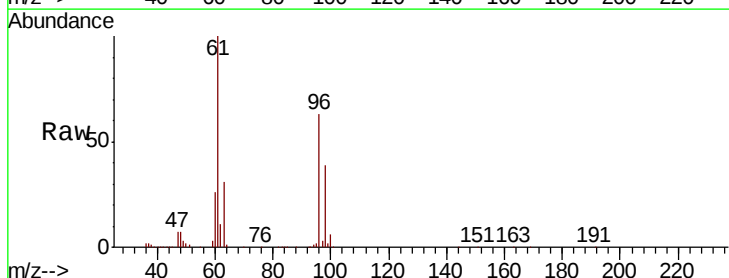
Tgt Ion: 96 Resp: 420621

Ion Ratio Lower Upper

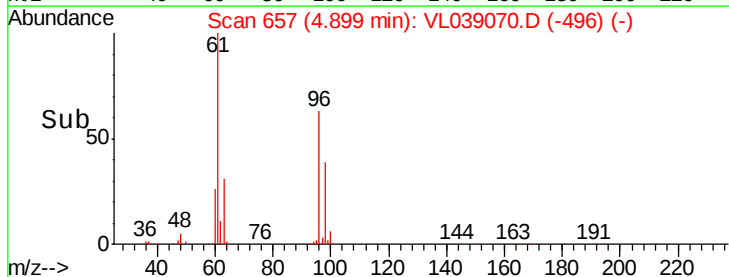
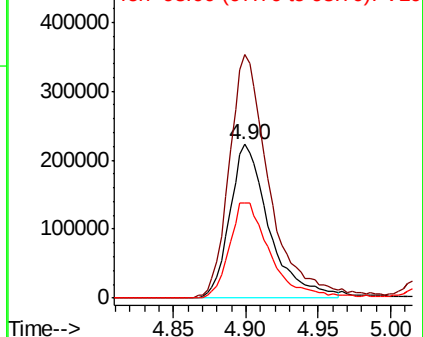
96 100

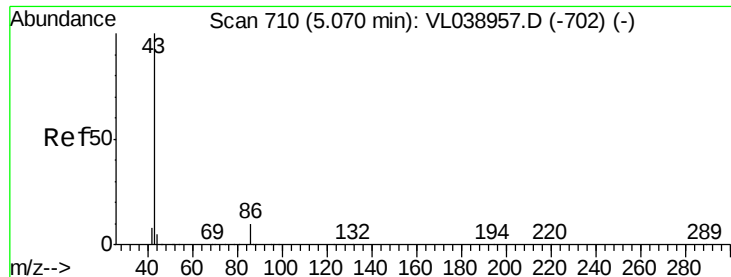
61 158.7 128.2 192.2

98 61.6 50.1 75.1



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 8.710 ppbv

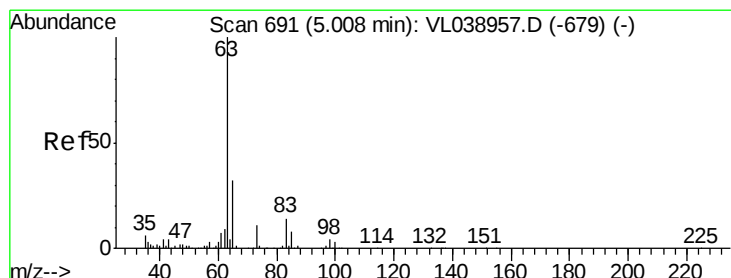
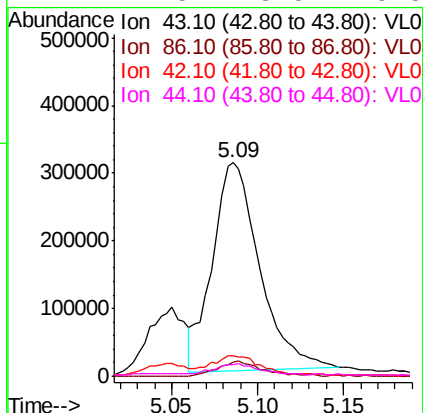
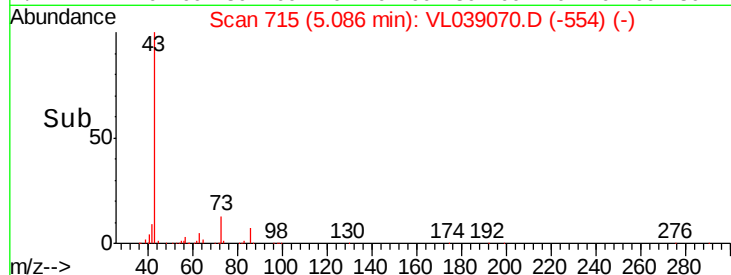
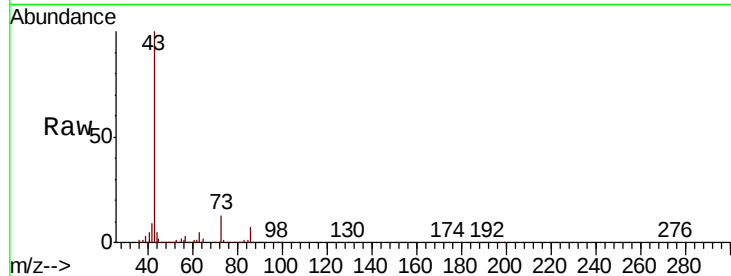
RT: 5.09

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 May 2022 15:00

Manual Integrations			
APPROVED			
Tot Ion:			
Ion	Ratio		
43	100		
86	6.		
42	9.		
44	4.5	3.5	5.3



#24

1,1-Dichloroethane

Concen: 10.618 ppbv

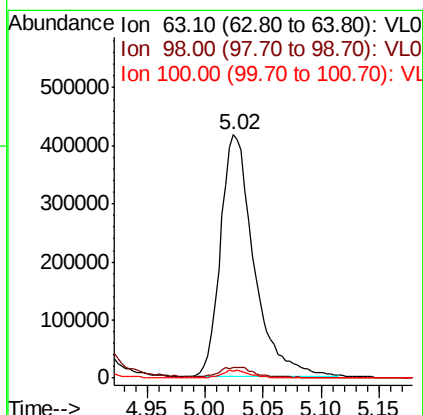
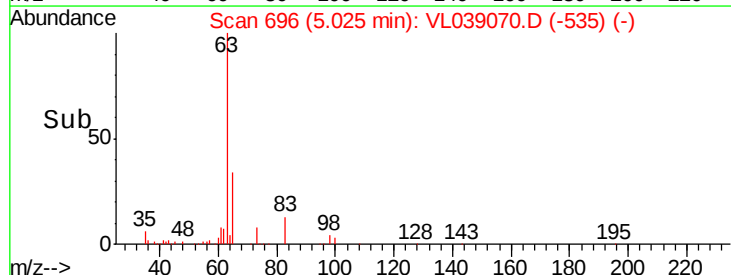
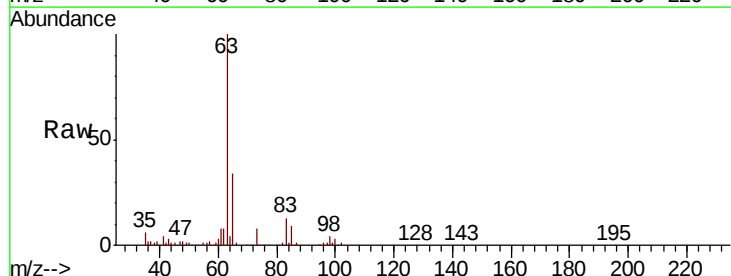
RT: 5.02 min Scan# 696

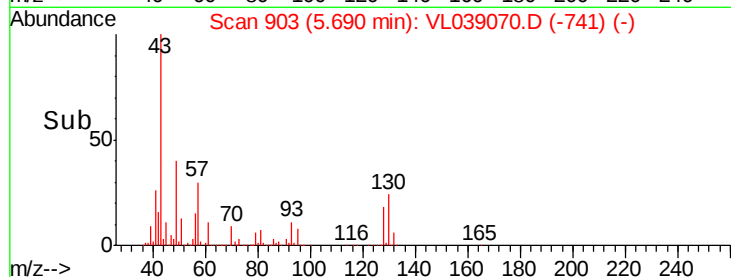
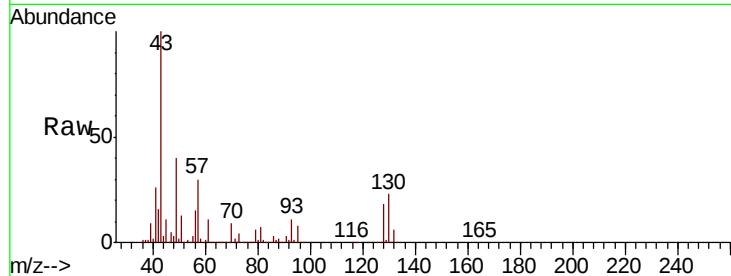
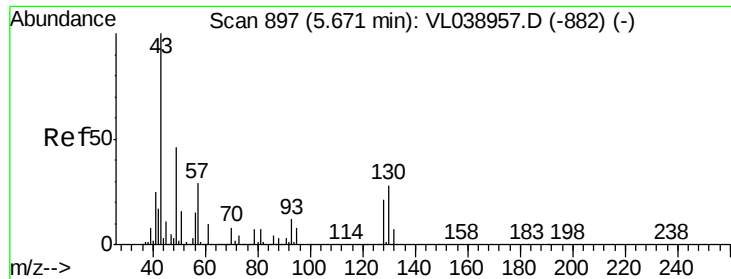
Delta R.T. 0.02 min

Lab File: VL039070.D

Acq: 17 May 2022 15:06

Tgt Ion:	63	Resp:	831101
Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.2
100	2.8	1.4	4.2



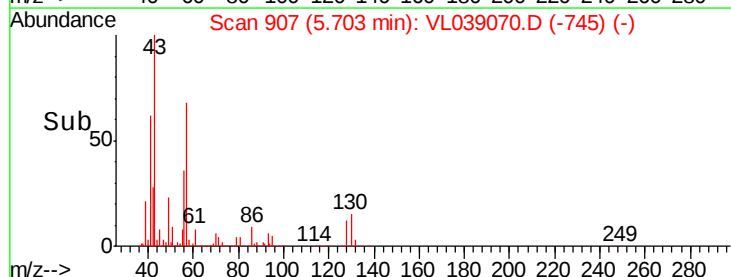
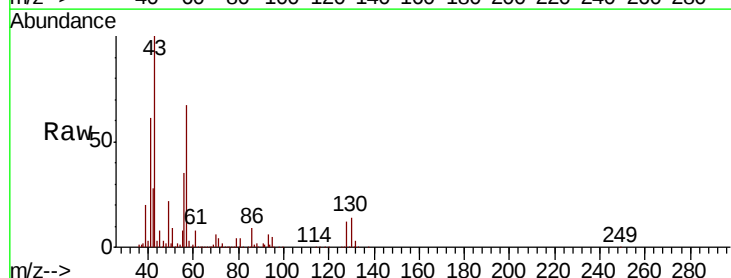
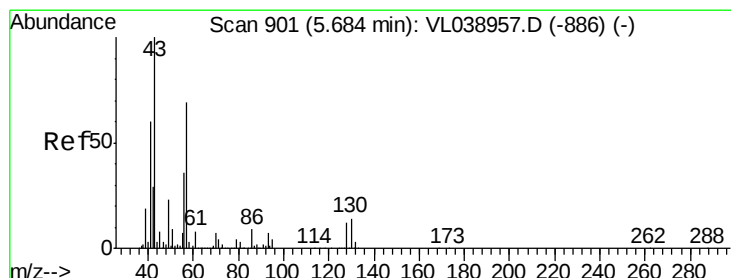
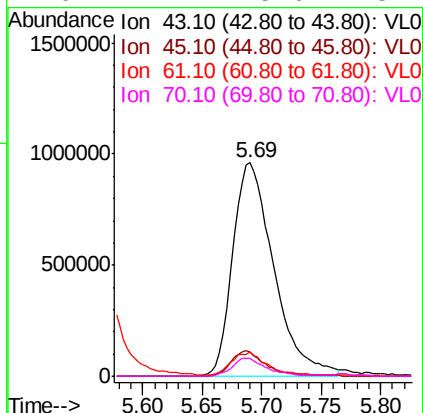


#25
Ethyl Acetate
Concen: 11.165 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0517ABS01
Acq: 17 May 2022 15:06

Tot Ion:
Ion Ratio
43 100
45 10.
61 10.
70 7.2 5.6 8.4

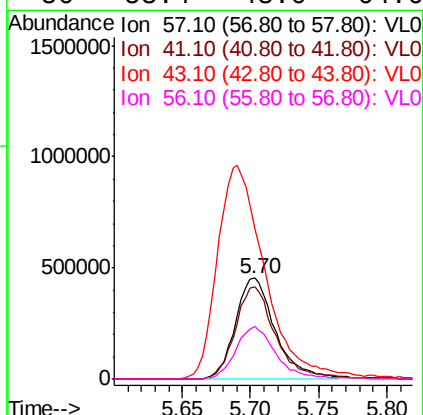
Manual Integrations
APPROVED

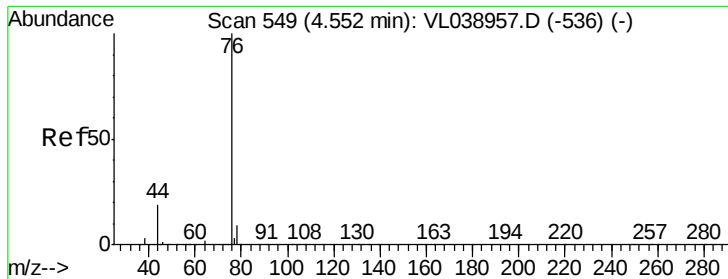
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#26
Hexane
Concen: 10.118 ppbv
RT: 5.70 min Scan# 907
Delta R.T.: 0.02 min
Lab File: VL039070.D
Acq: 17 May 2022 15:06

Tgt Ion: 57 Resp: 924394
Ion Ratio Lower Upper
57 100
41 93.6 75.2 112.8
43 254.7 190.8 286.2
56 53.4 43.0 64.6



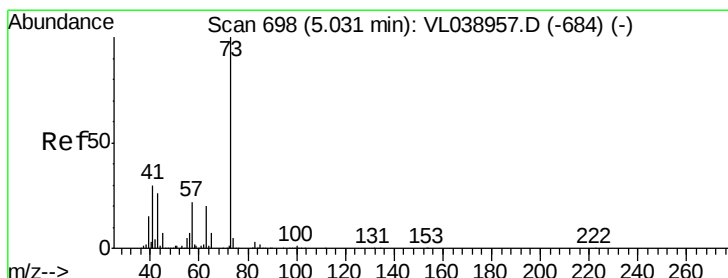
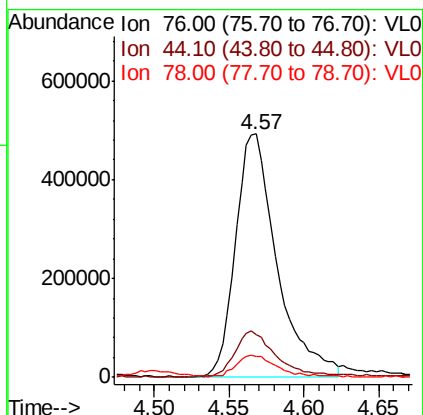
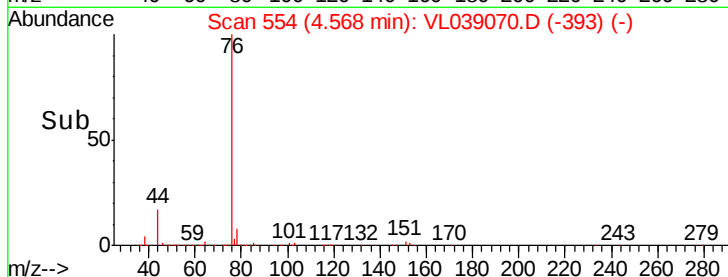
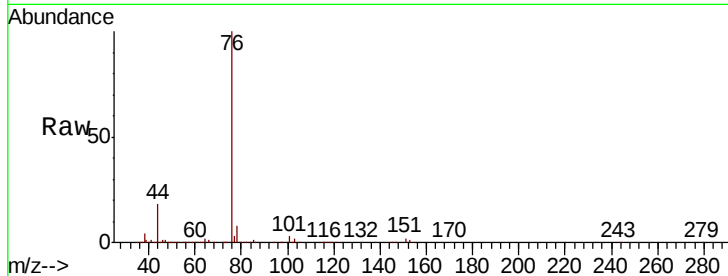


#27
Carbon Disulfide
Concen: 10.942 ppbv
RT: 4.57
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0517ABS01
Acq: 17 May 2022 15:00

Tot Ion:
Ion Ratio
76 100
44 19.
78 9.

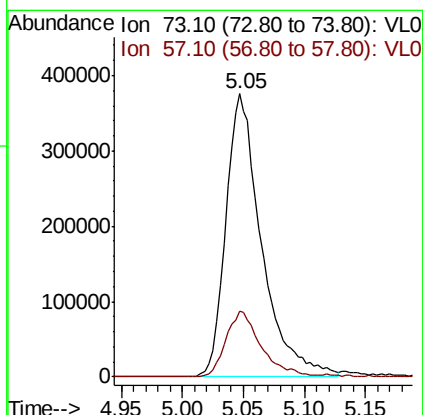
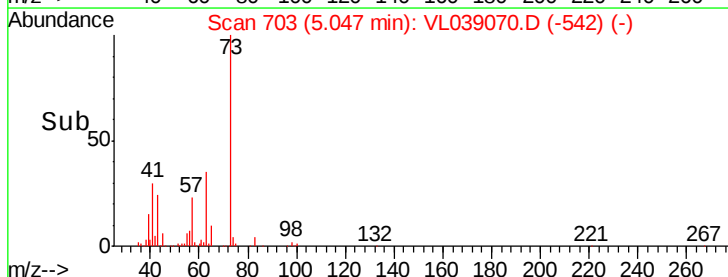
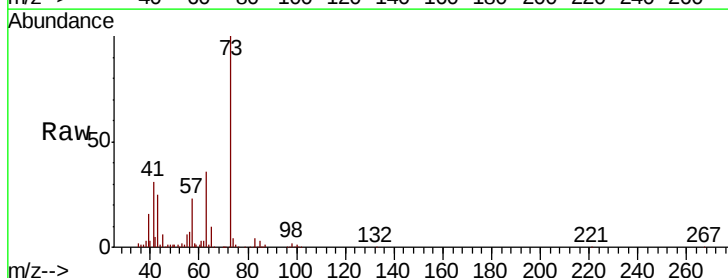
Manual Integrations
APPROVED

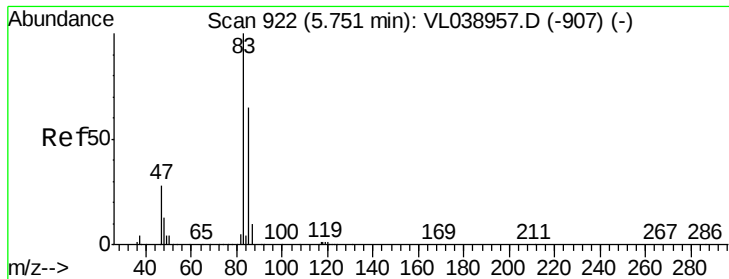
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#28
Methyl tert-Butyl Ether
Concen: 11.029 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.02 min
Lab File: VL039070.D
Acq: 17 May 2022 15:06

Tgt Ion: 73 Resp: 766644
Ion Ratio Lower Upper
73 100
57 23.8 18.8 28.2



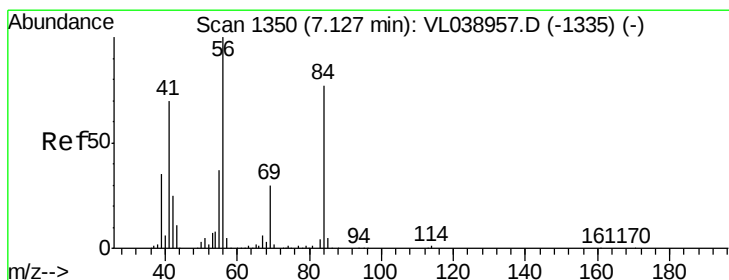
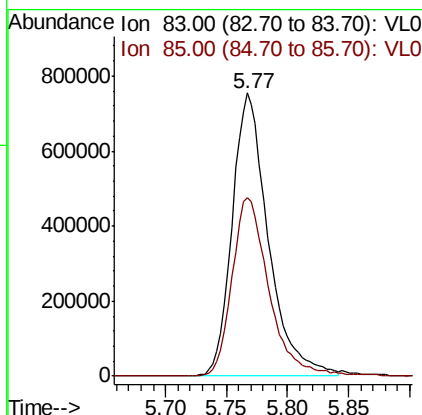
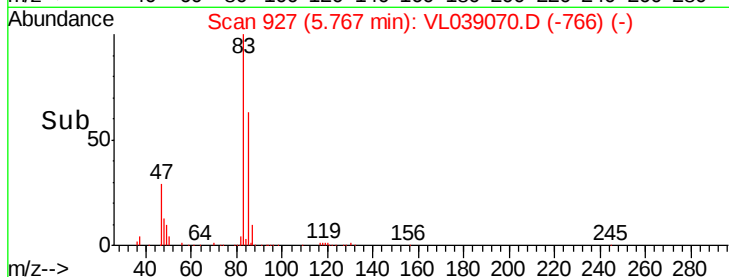
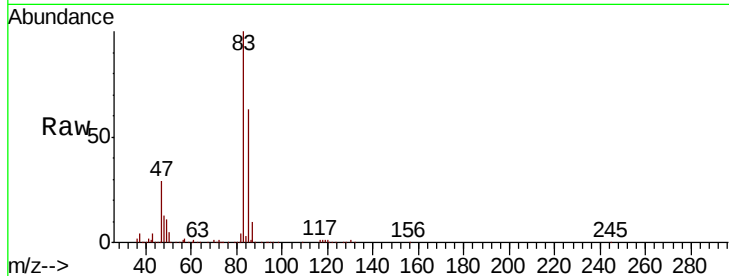


#29
Chloroform
Concen: 10.497 ppbv
RT: 5.77
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VL0517ABS01
Acq: 17 May 2022 15:00

Tot Ion:
Ion Ratio
83 100
85 63.

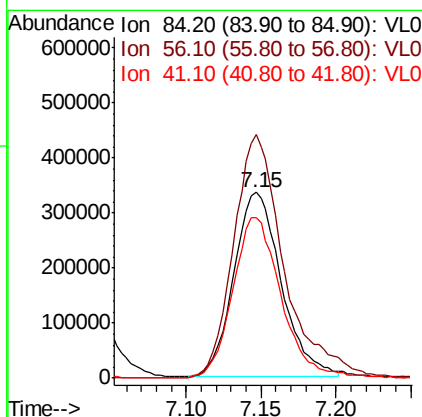
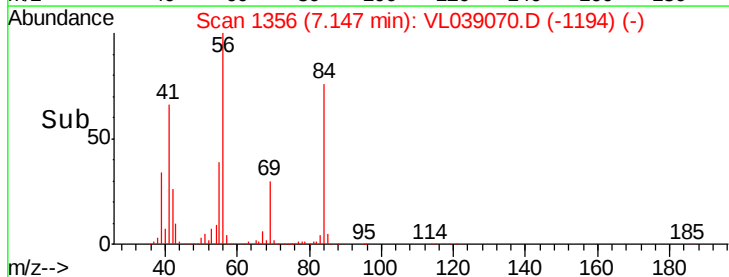
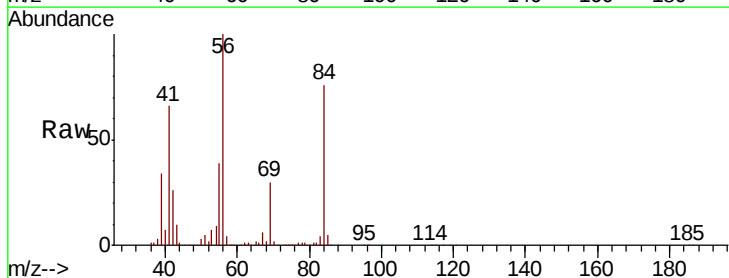
Manual Integrations
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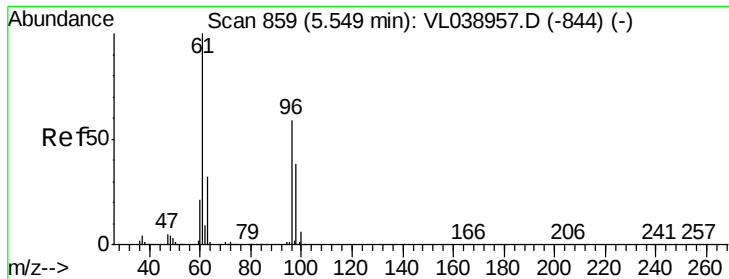
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#30
Cyclohexane
Concen: 9.636 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.02 min
Lab File: VL039070.D
Acq: 17 May 2022 15:06

Tgt Ion: 84 Resp: 737069
Ion Ratio Lower Upper
84 100
56 142.5 115.3 172.9
41 89.9 72.0 108.0



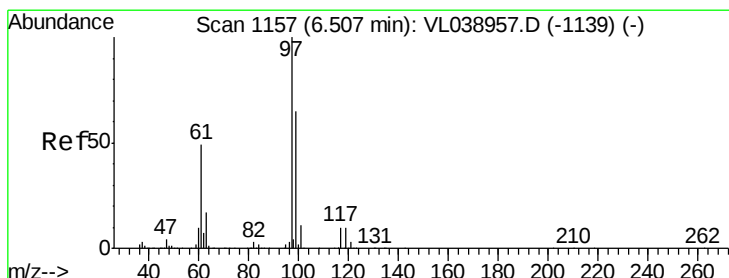
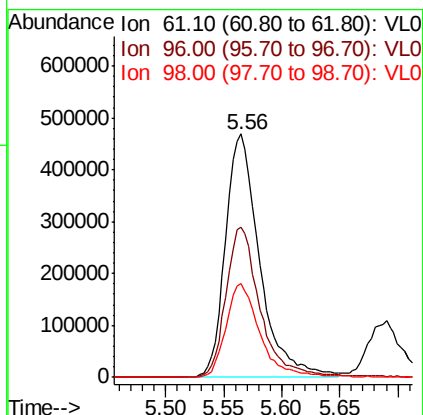
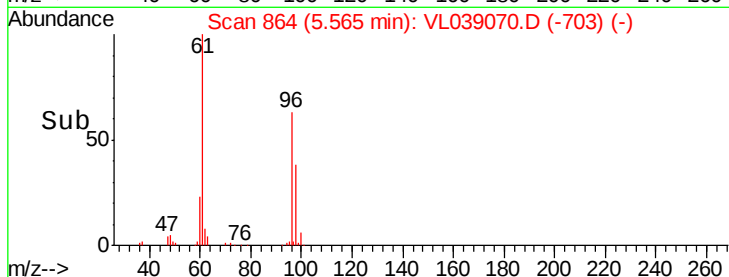
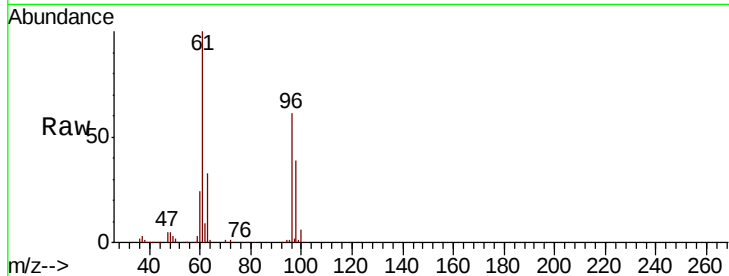


#31
 cis-1,2-Dichloroethene
 Concen: 10.245 ppbv
 RT: 5.56
 Instrument : MSVOA_1
 Delta R.T.:
 Client Sample Id :
 Lab File: VL0517ABS01
 Acq: 17 May 2022 15:00

Tot Ion:
 Ion Ratio
 61 100
 96 61.
 98 38.

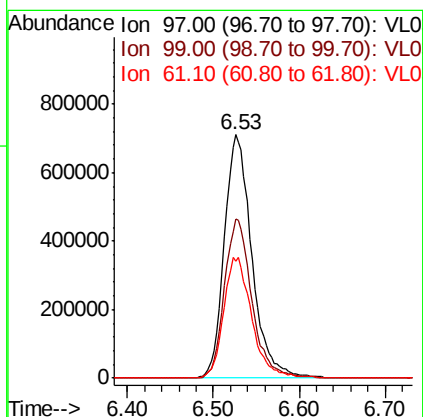
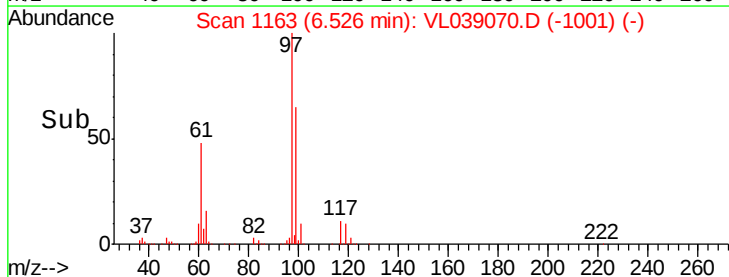
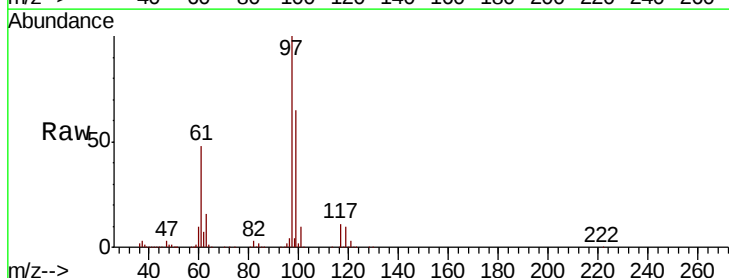
Manual Integrations
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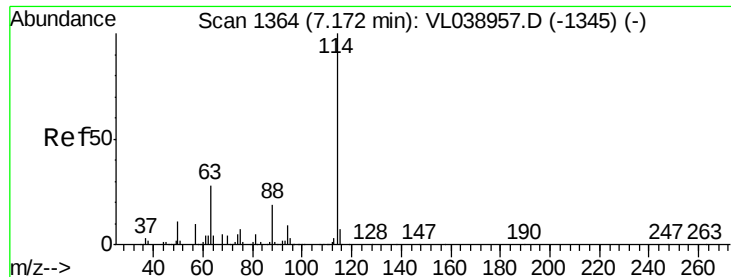
Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.720 ppbv
 RT: 6.53 min Scan# 1163
 Delta R.T. 0.02 min
 Lab File: VL039070.D
 Acq: 17 May 2022 15:06

Tgt Ion: 97 Resp: 1584386
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.9 77.9
 61 50.5 40.9 61.3



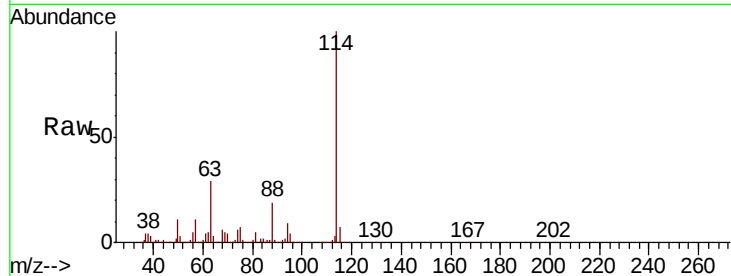


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0517ABS01
 Acq: 17 May 2022 15:00

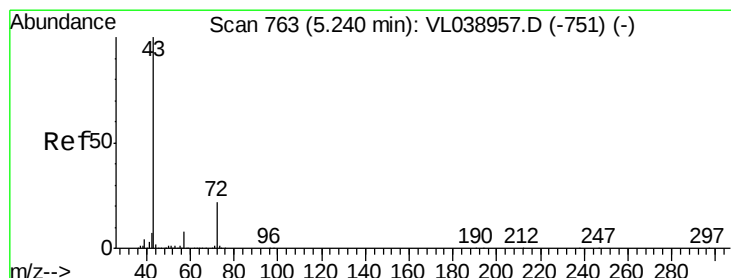
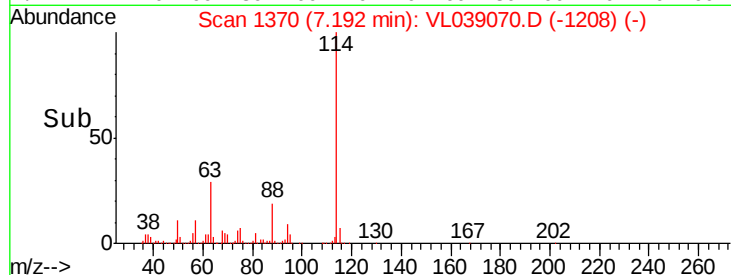
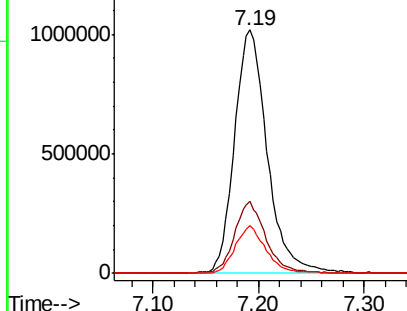
Tot Ion:1
 Ion Rati
 114 100
 63 28.
 88 18.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022

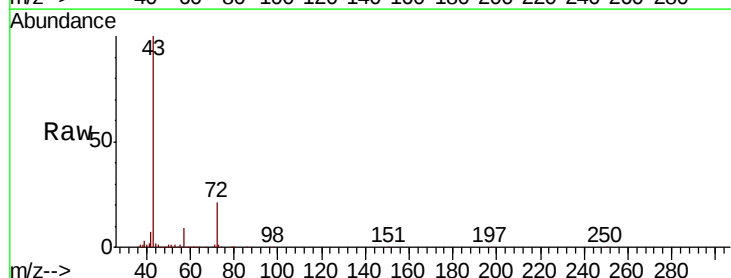


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

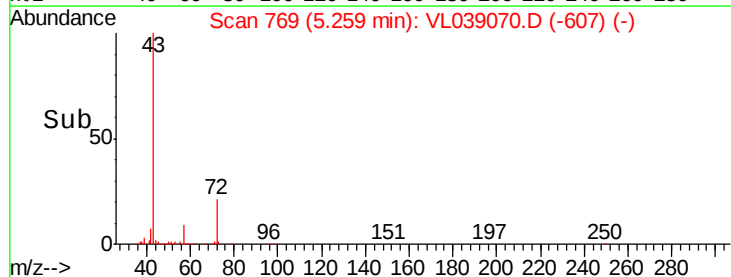
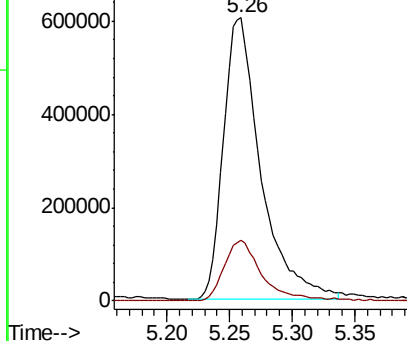


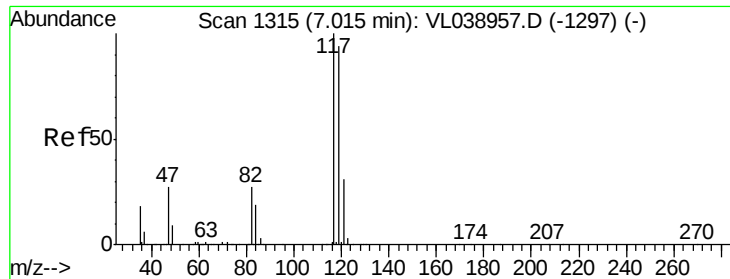
#34
 2-Butanone
 Concen: 11.218 ppbv
 RT: 5.26 min Scan# 769
 Delta R.T. 0.02 min
 Lab File: VL039070.D
 Acq: 17 May 2022 15:06

Tgt Ion: 43 Resp: 1252068
 Ion Ratio Lower Upper
 43 100
 72 22.3 17.8 26.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



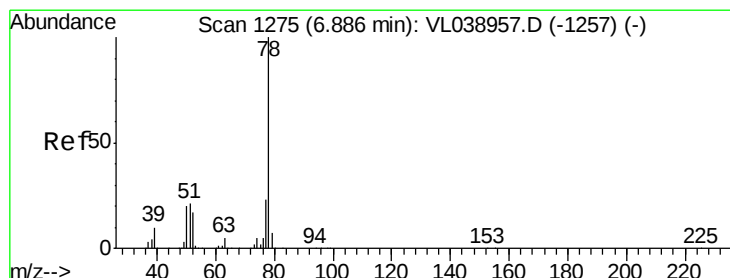
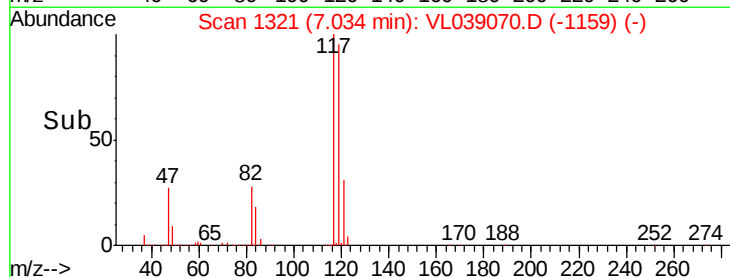
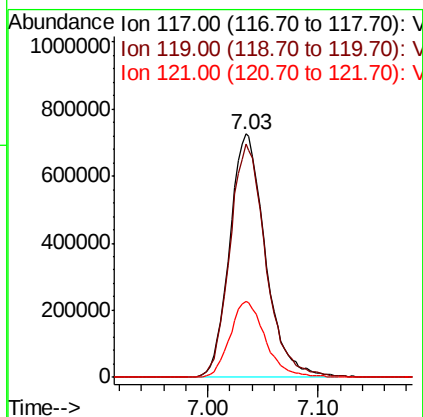
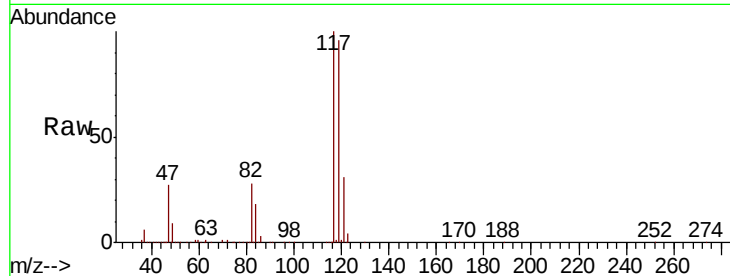


#35
Carbon Tetrachloride
Concen: 11.300 ppbv
RT: 7.03
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0517ABS01
Acq: 17 May 2022 15:00

Tot Ion:1
Ion Rati
117 100
119 95.
121 31.

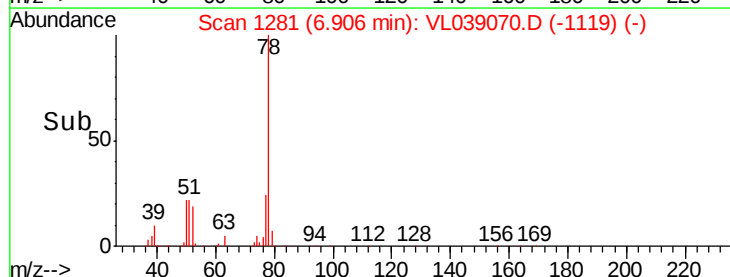
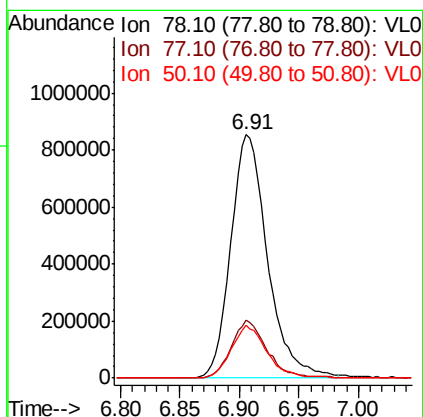
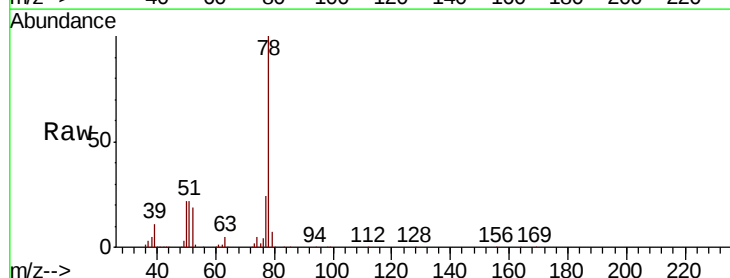
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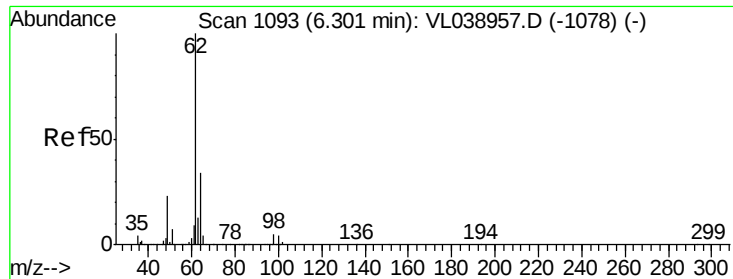
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#36
Benzene
Concen: 9.759 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.02 min
Lab File: VL039070.D
Acq: 17 May 2022 15:06

Tgt Ion: 78 Resp: 1827198
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0
50 21.9 15.6 23.4



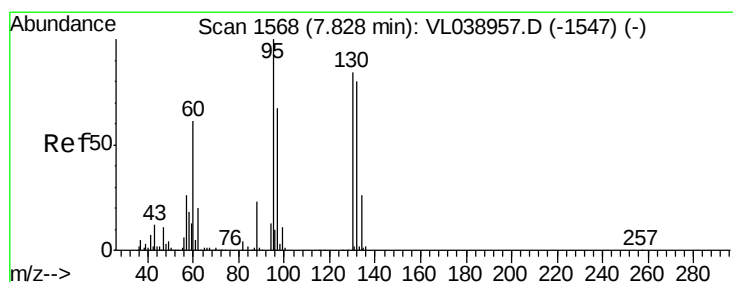
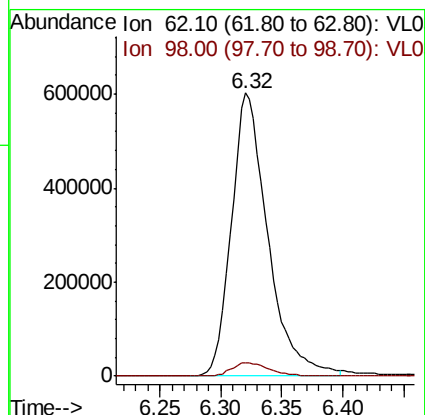
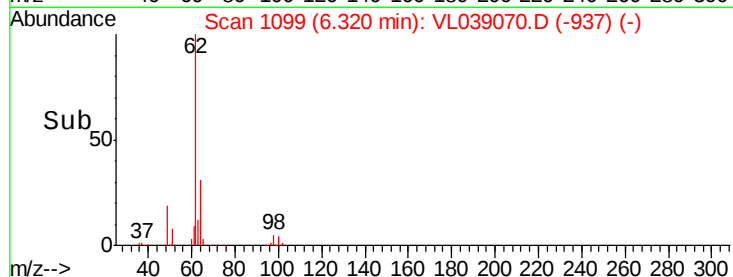
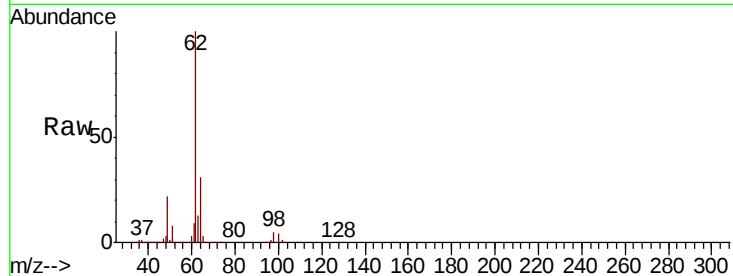


#37
 1,2-Dichloroethane
 Concen: 10.810 ppbv
 RT: 6.32
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0517ABS01
 Acq: 17 May 2022 15:00

Tot Ion:
 Ion Ratio
 62 100
 98 5.

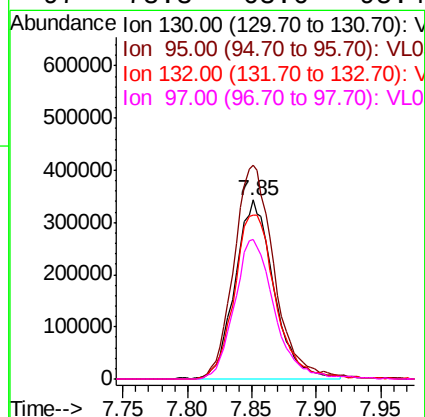
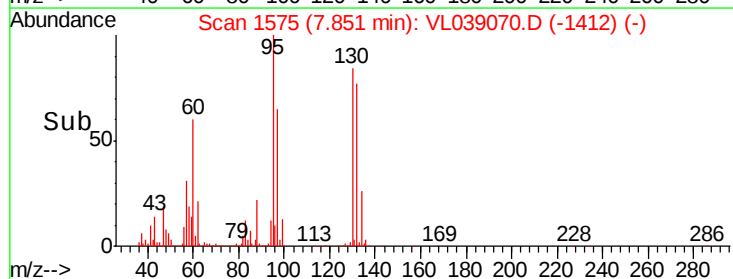
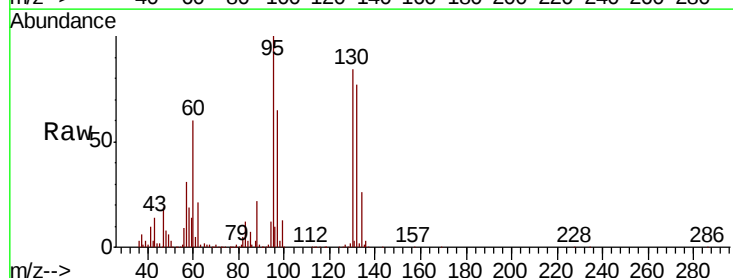
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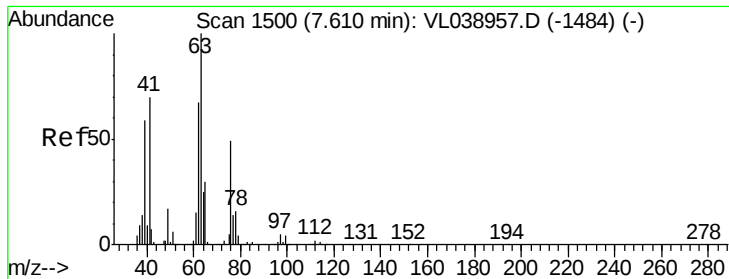
Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022



#38
 Trichloroethene
 Concen: 8.540 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.02 min
 Lab File: VL039070.D
 Acq: 17 May 2022 15:06

Tgt Ion:130 Resp: 710757
 Ion Ratio Lower Upper
 130 100
 95 119.8 94.8 142.2
 132 92.2 75.8 113.8
 97 78.3 63.6 95.4



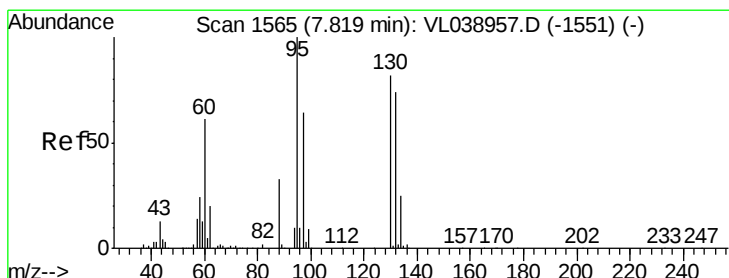
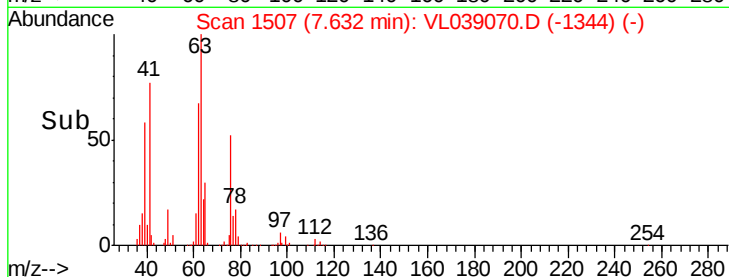
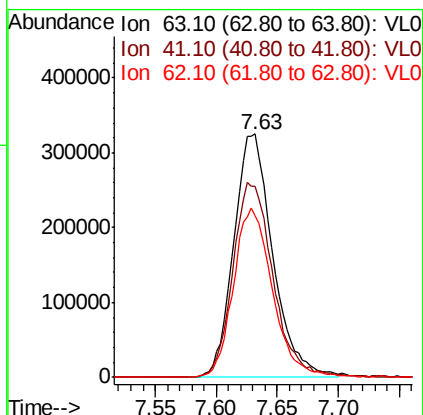
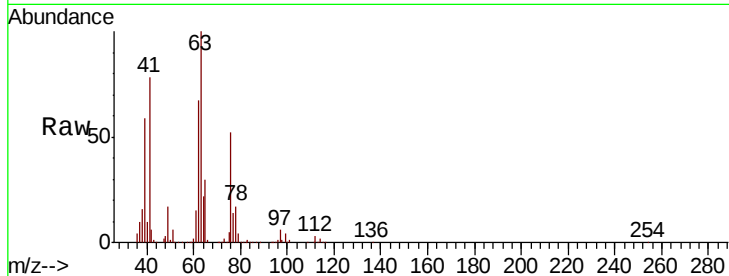


#39
 1,2-Dichloropropane
 Concen: 9.901 ppbv
 RT: 7.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0517ABS01
 Acq: 17 May 2022 15:00

Tot Ion:
 Ion Ratio
 63 100
 41 78.
 62 66.

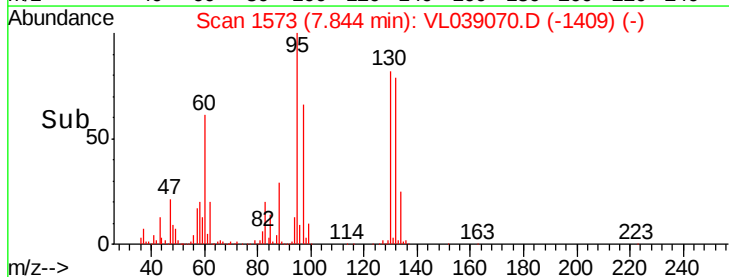
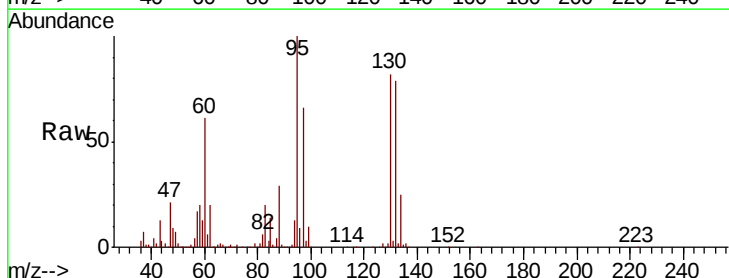
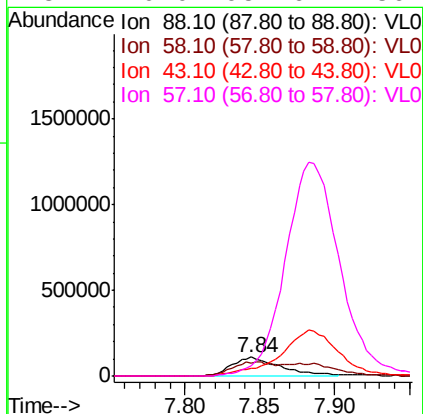
Manual Integrations
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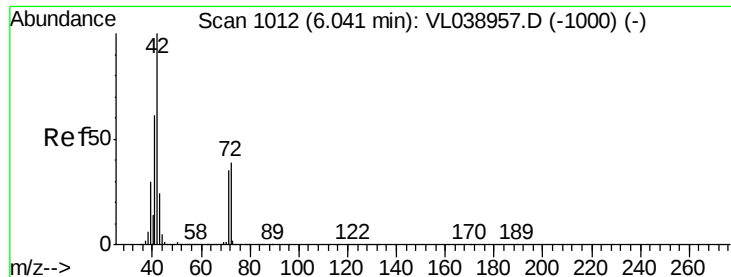
Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022



#40
 1,4-Dioxane
 Concen: 9.317 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.03 min
 Lab File: VL039070.D
 Acq: 17 May 2022 15:06

Tgt Ion: 88 Resp: 243782
 Ion Ratio Lower Upper
 88 100
 58 139.3 106.1 159.1
 43 0.0 222.9 334.3#
 57 0.0 957.6 1436.4#



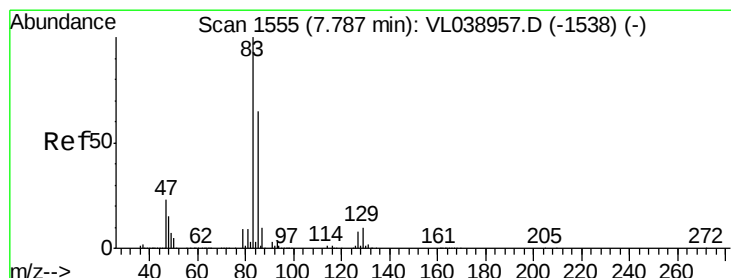
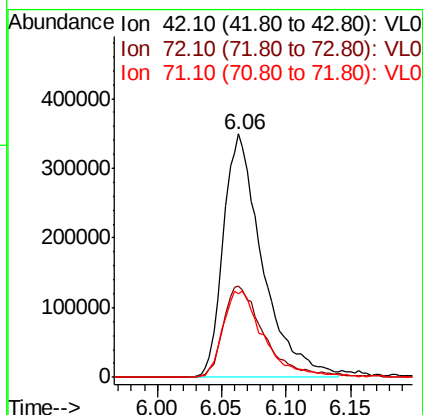
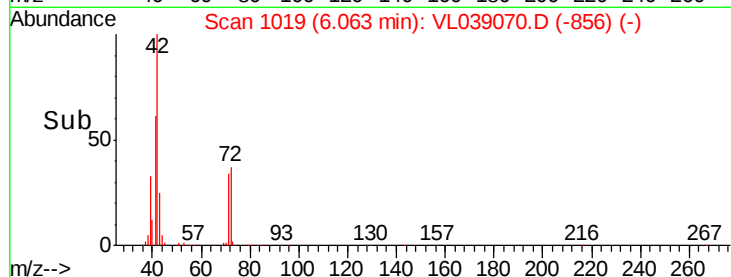
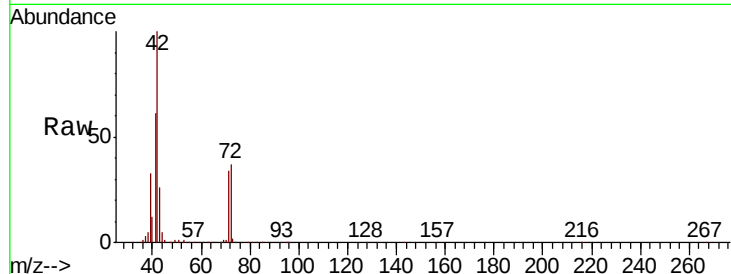


#41
Tetrahydrofuran
Concen: 9.807 ppbv
RT: 6.06
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
VL0517ABS01
Acq: 17 May 2022 15:00

Tot Ion:
Ion Ratio
42 100
72 40.
71 37.

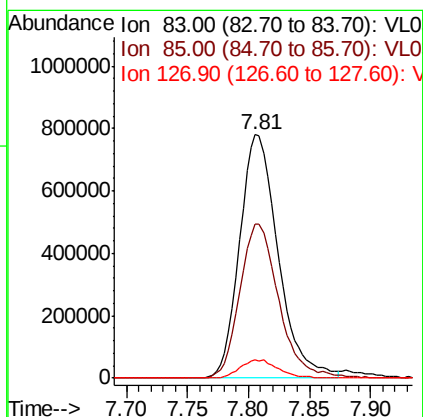
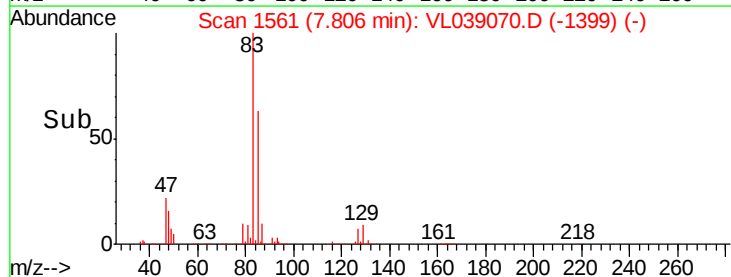
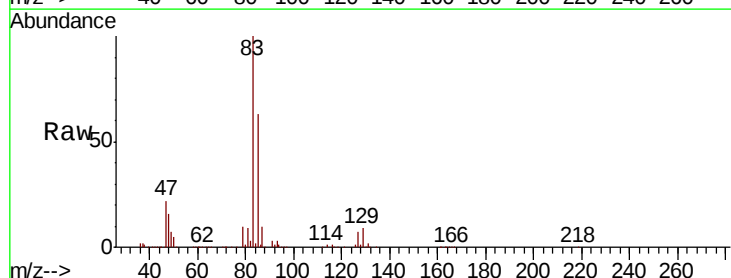
Manual Integrations
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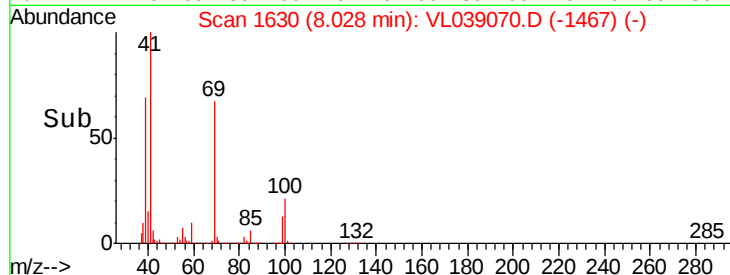
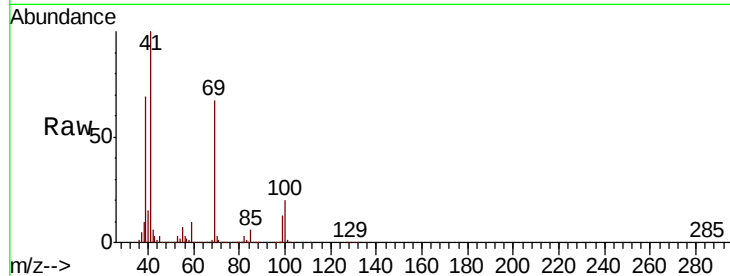
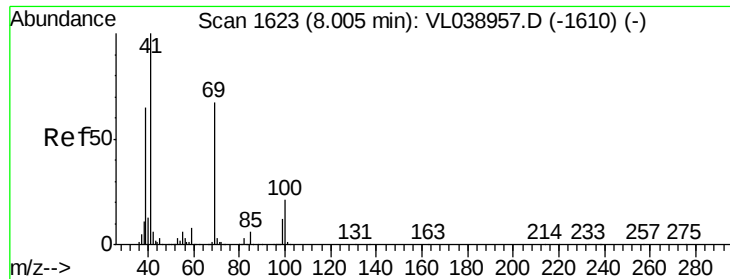
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#42
Bromodichloromethane
Concen: 10.774 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. 0.02 min
Lab File: VL039070.D
Acq: 17 May 2022 15:06

Tgt Ion: 83 Resp: 1706320
Ion Ratio Lower Upper
83 100
85 63.4 52.0 78.0
127 7.4 6.0 9.0





#43

Methyl Methacrylate

Concen: 10.407 ppbv

RT: 8.03

Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0517ABS01

Acq: 17 May 2022 15:06

Tot Ion:

Ion Ratio

69 100

41 157.

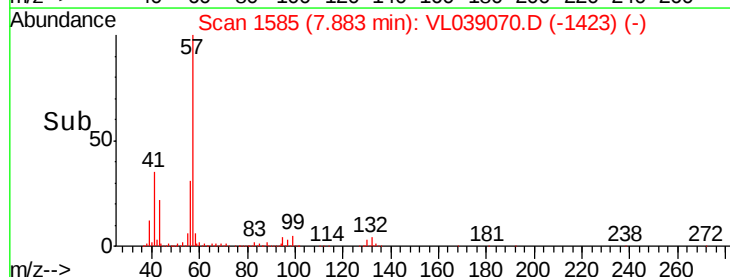
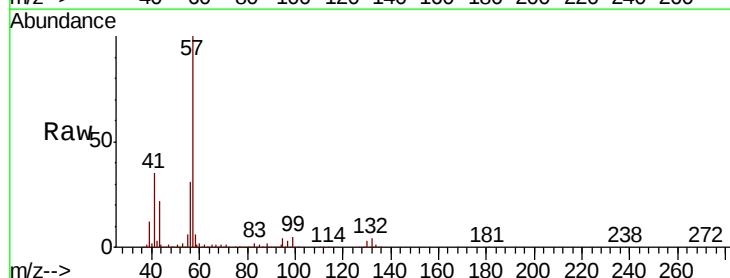
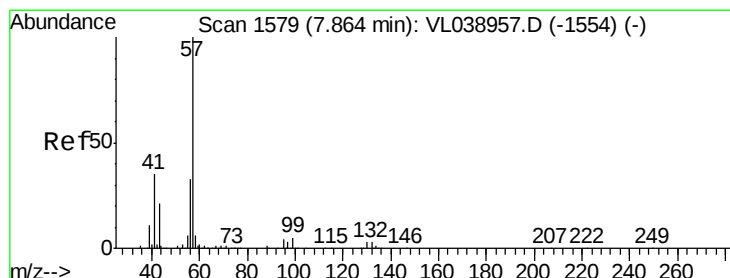
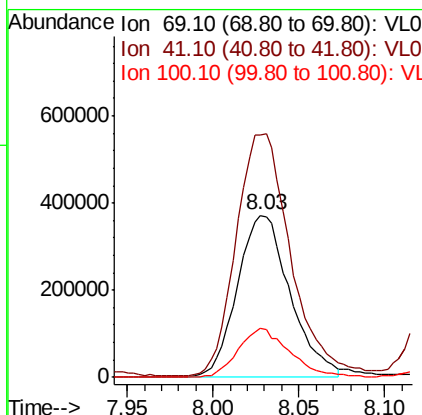
100 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#44

2,2,4-Trimethylpentane

Concen: 9.680 ppbv

RT: 7.88 min Scan# 1585

Delta R.T. 0.02 min

Lab File: VL039070.D

Acq: 17 May 2022 15:06

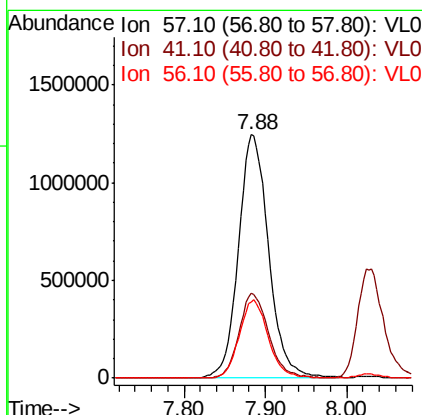
Tgt Ion: 57 Resp: 3179999

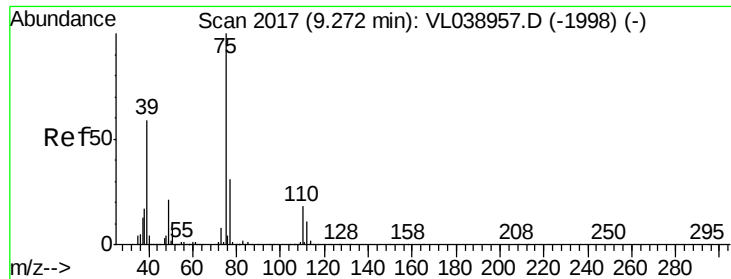
Ion Ratio Lower Upper

57 100

41 34.2 26.3 39.5

56 31.0 24.6 37.0



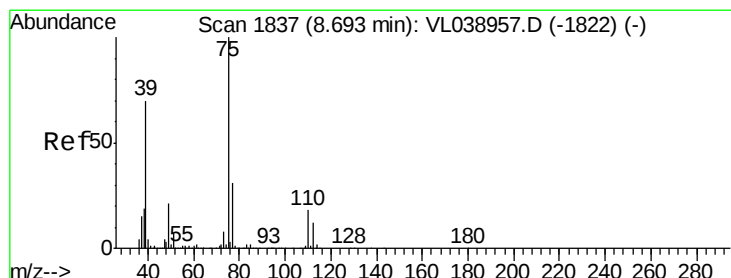
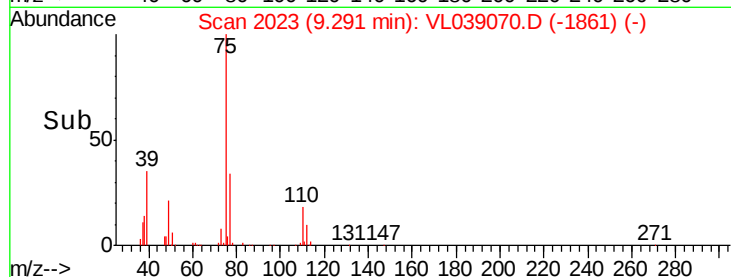
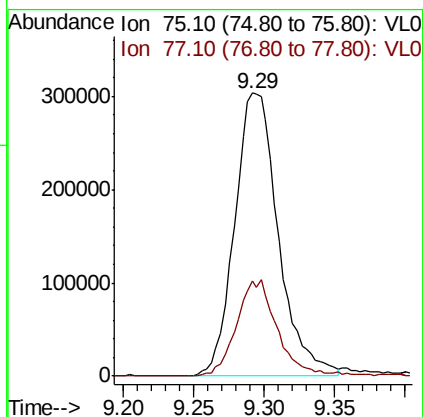
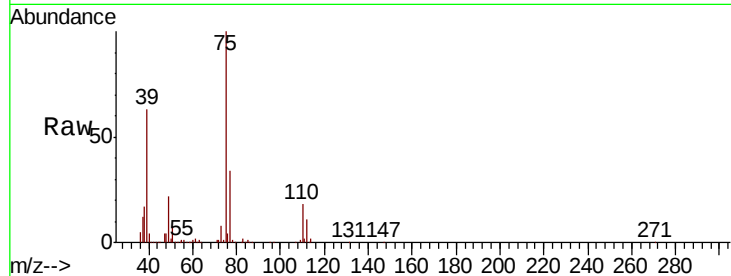


#45
t-1,3-Dichloropropene
Concen: 8.945 ppbv
RT: 9.29
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0517ABS01
Acq: 17 May 2022 15:00

Tot Ion:
Ion Ratio
75 100
77 33.

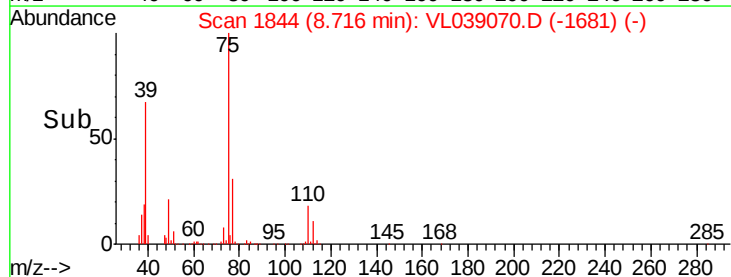
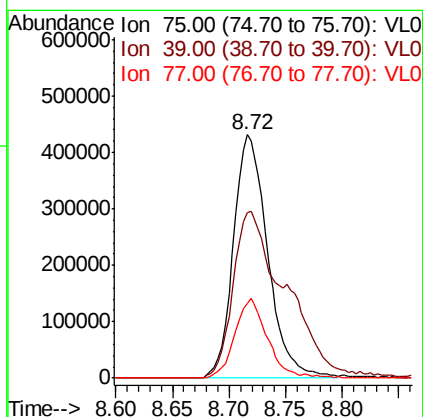
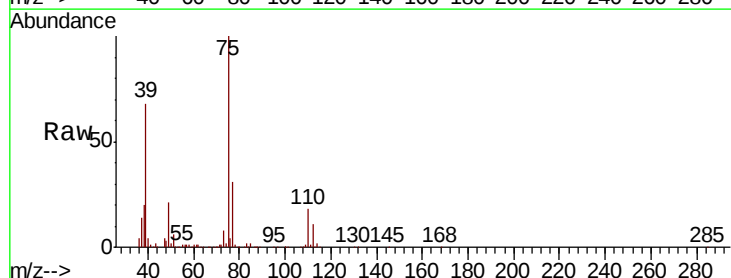
Manual Integrations
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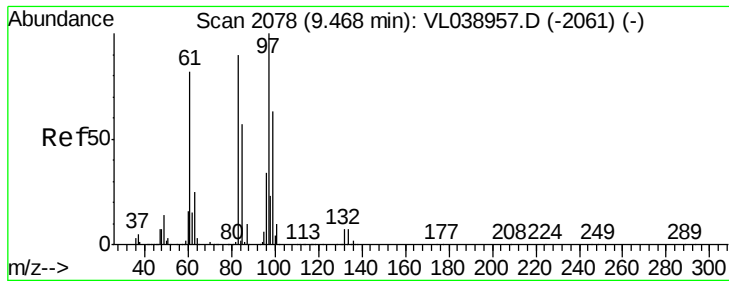
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#46
cis-1,3-Dichloropropene
Concen: 9.334 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. 0.02 min
Lab File: VL039070.D
Acq: 17 May 2022 15:06

Tgt Ion: 75 Resp: 910698
Ion Ratio Lower Upper
75 100
39 68.0 55.8 83.6
77 30.8 24.8 37.2



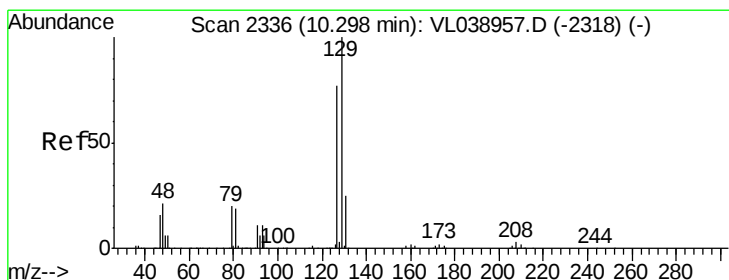
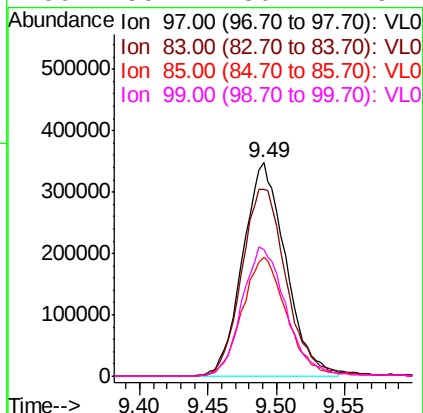
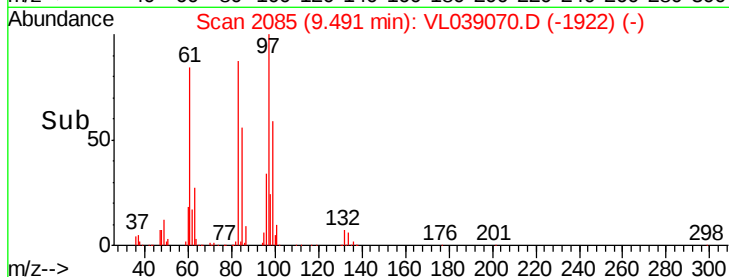
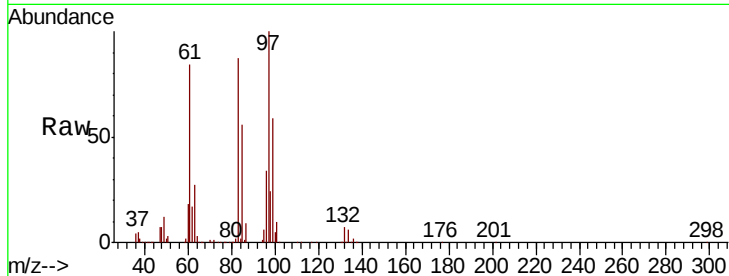


#47
 1,1,2-Trichloroethane
 Concen: 10.076 ppbv
 RT: 9.49 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampled : VL0517ABS01
 Acq: 17 May 2022 15:06

Tot Ion:
 Ion Ratio
 97 100
 83 87.
 85 55.
 99 59.2 50.2 75.4

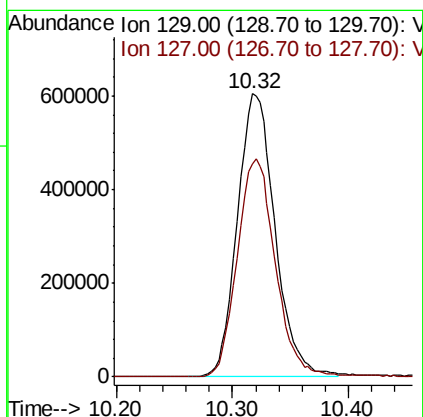
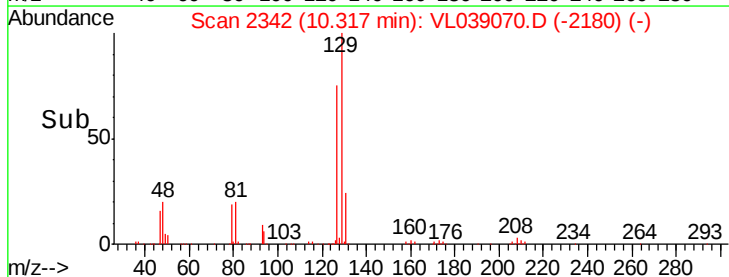
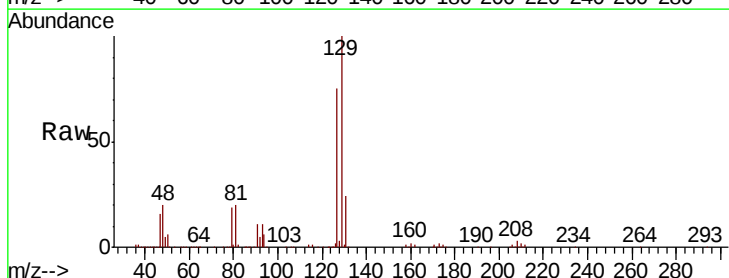
Manual Integrations
 APPROVED

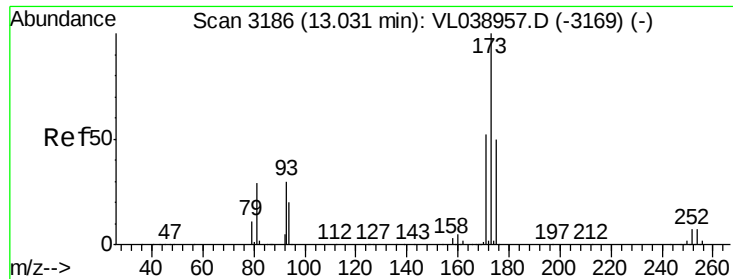
Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022



#48
 Dibromochloromethane
 Concen: 11.057 ppbv
 RT: 10.32 min Scan# 2342
 Delta R.T.: 0.02 min
 Lab File: VL039070.D
 Acq: 17 May 2022 15:06

Tgt Ion:129 Resp: 1363538
 Ion Ratio Lower Upper
 129 100
 127 78.6 39.3 117.9





#49

Bromoform

Concen: 11.526 ppbv

RT: 13.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VL0517ABS01

Acq: 17 May 2022 13:00

Tot Ion:1

Ion Rati

173 100

175 50.

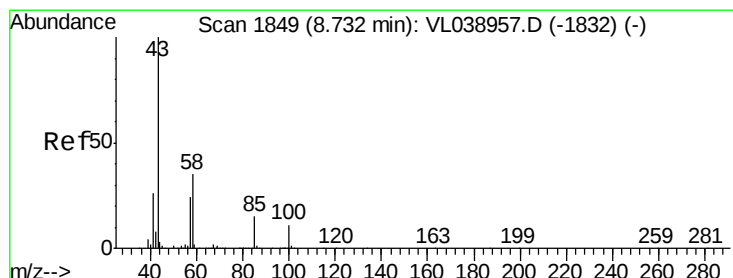
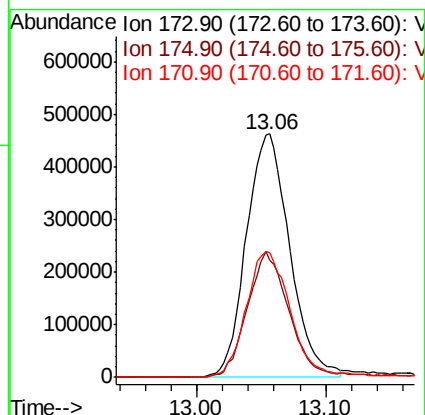
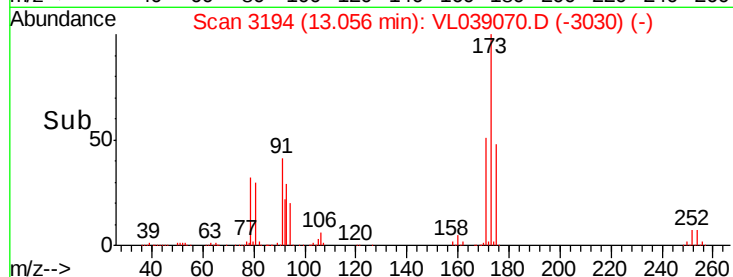
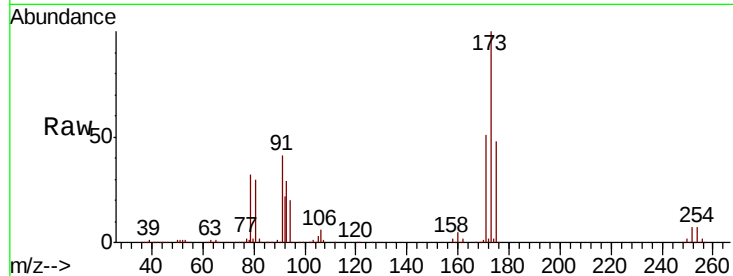
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#50

4-Methyl-2-Pentanone

Concen: 9.821 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.02 min

Lab File: VL039070.D

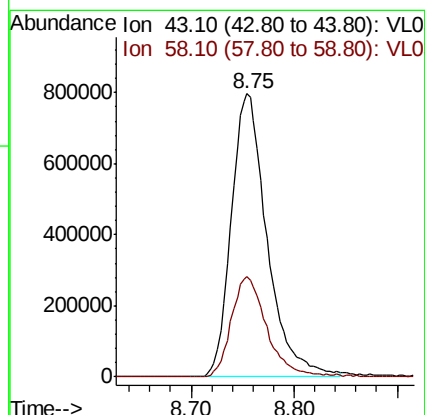
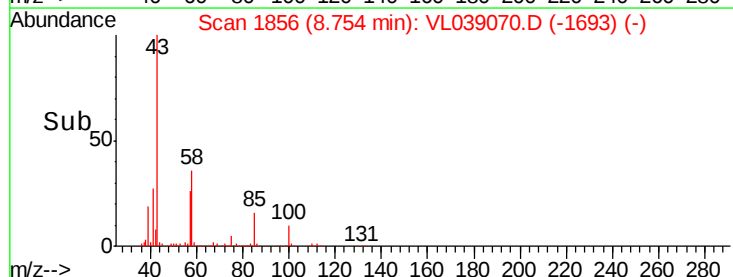
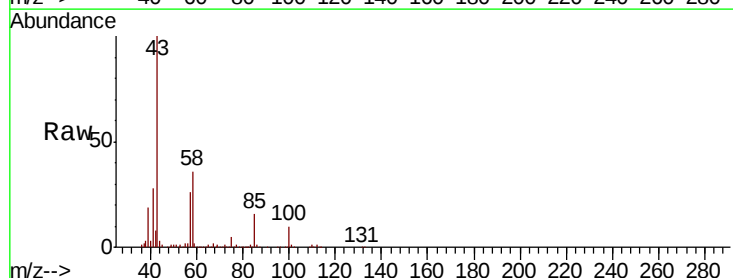
Acq: 17 May 2022 15:06

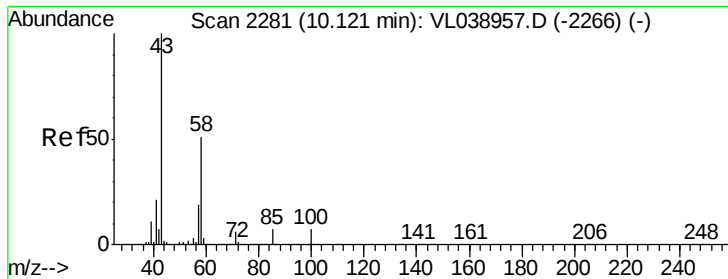
Tgt Ion: 43 Resp: 1922125

Ion Ratio Lower Upper

43 100

58 35.6 28.4 42.6



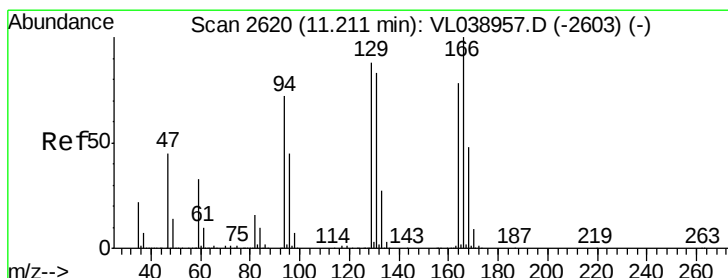
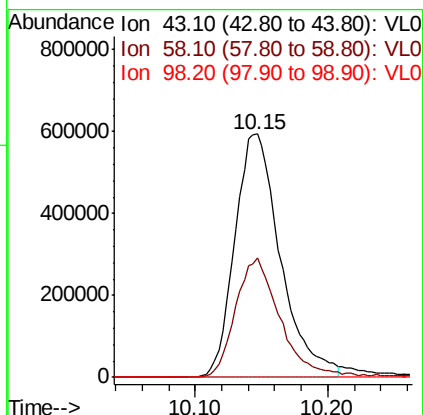
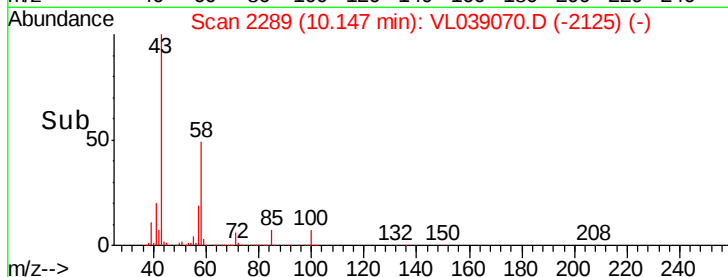
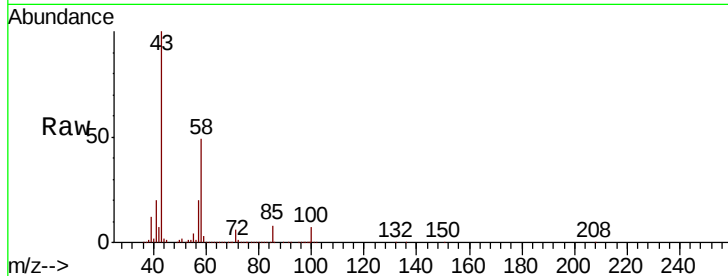


#51
2-Hexanone
Concen: 9.967 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampled :
VL0517ABS01
Acq: 17 May 2022 15:00

Tot Ion:
Ion Ratio
43 100
58 49.
98 0.

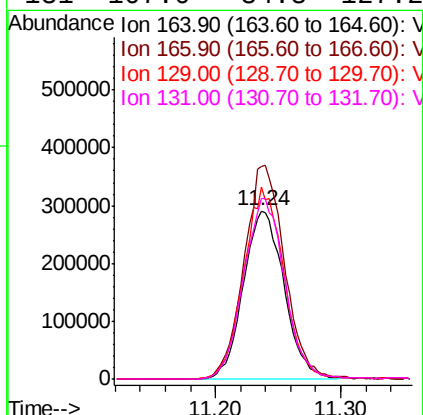
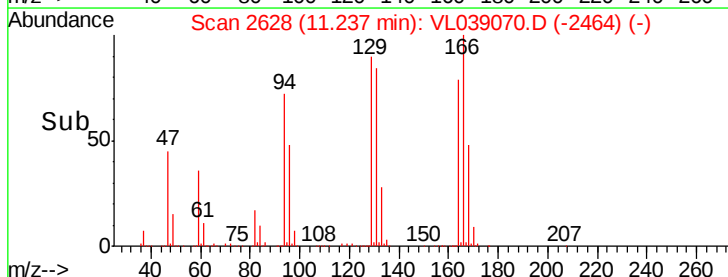
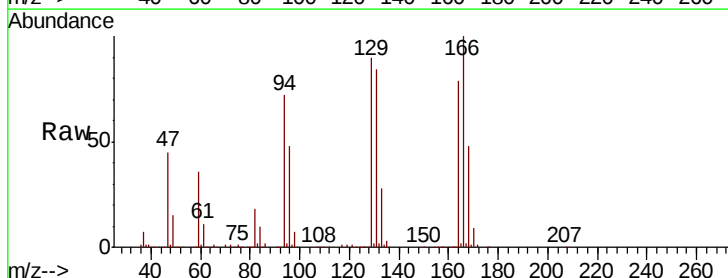
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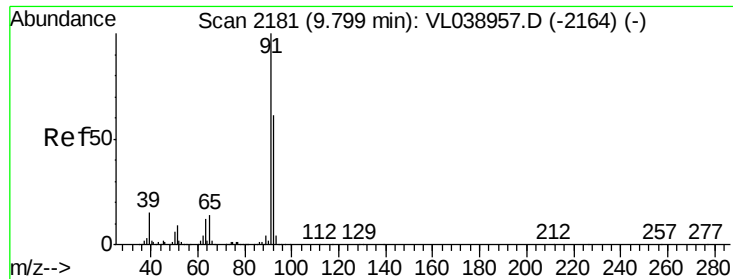
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#52
Tetrachloroethene
Concen: 9.762 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.03 min
Lab File: VL039070.D
Acq: 17 May 2022 15:06

Tgt Ion:164 Resp: 653142
Ion Ratio Lower Upper
164 100
166 126.6 102.5 153.7
129 114.3 90.1 135.1
131 107.0 84.8 127.2





#53

Toluene

Concen: 10.132 ppbv

RT: 9.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 15:00

Tot Ion:

Ion Ratio

91 100

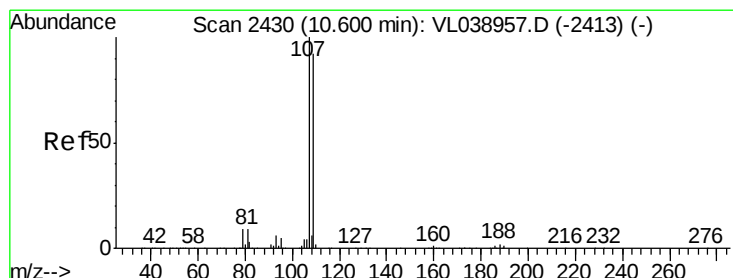
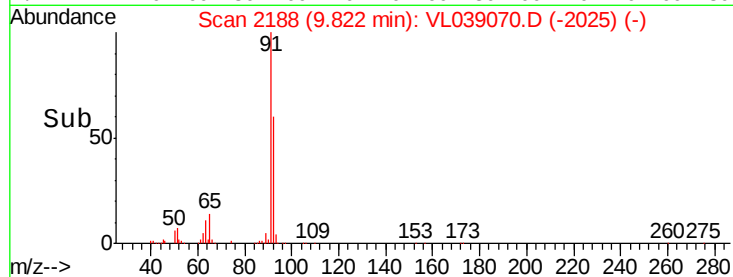
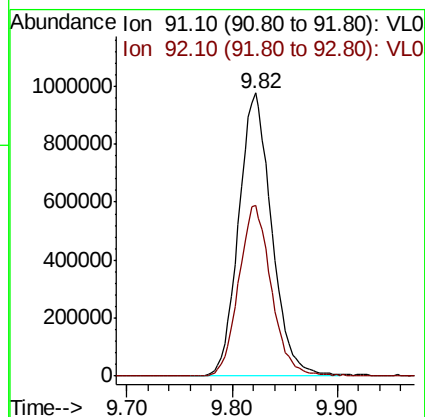
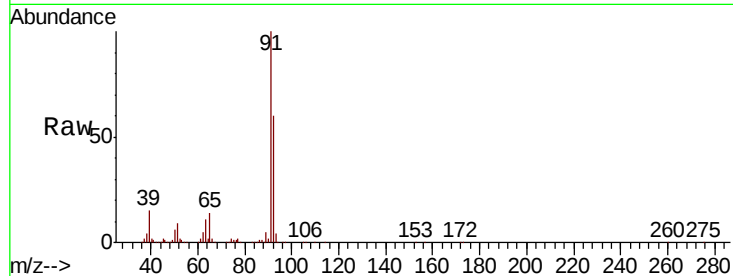
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#54

1,2-Dibromoethane

Concen: 10.680 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. 0.03 min

Lab File: VL039070.D

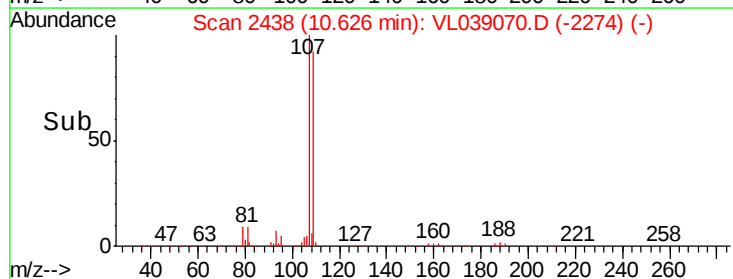
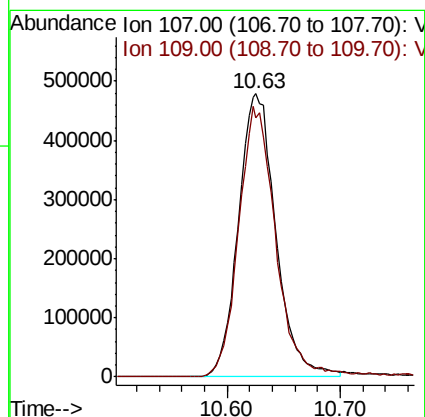
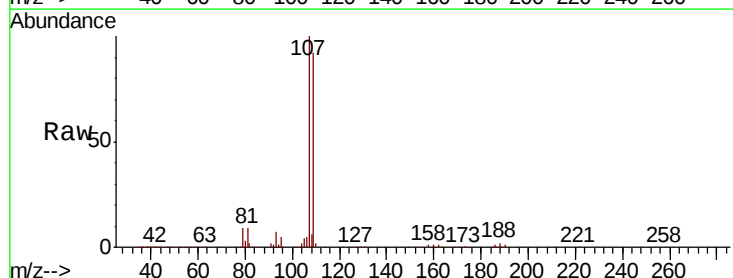
Acq: 17 May 2022 15:06

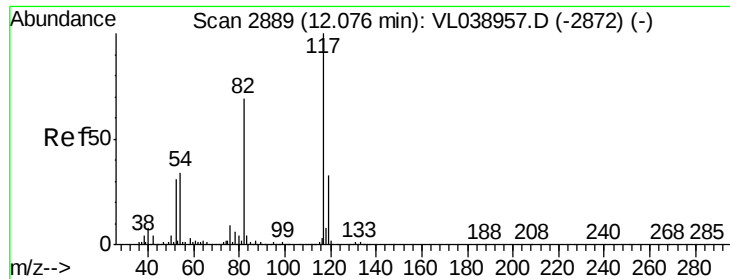
Tgt Ion:107 Resp: 1101631

Ion Ratio Lower Upper

107 100

109 91.6 73.8 110.8



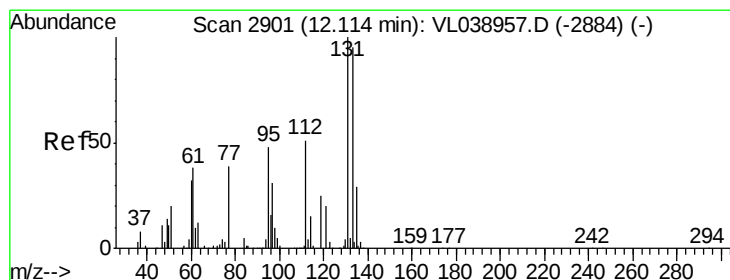
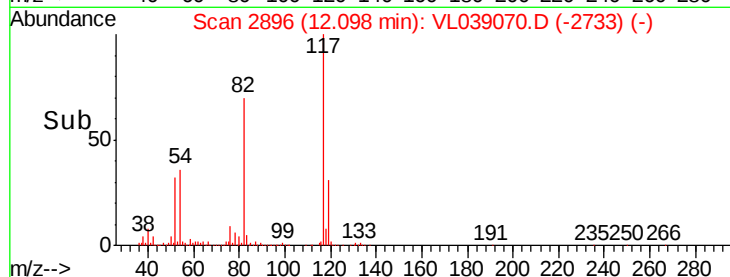
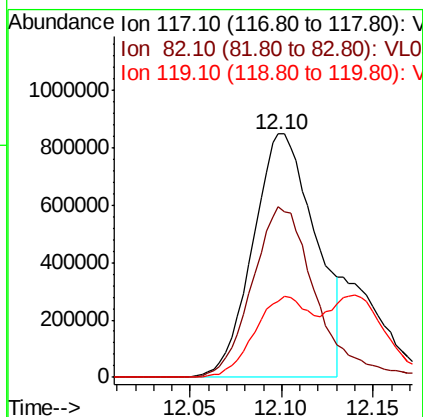
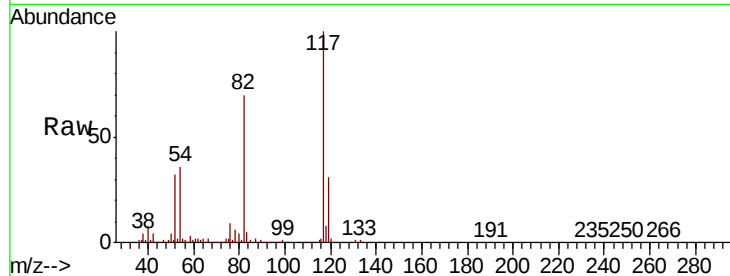


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.: 0.03 min
Lab File: VL0517ABS01
Acq: 17 May 2022 15:00

Tot Ion: 1
Ion Ratio
117 100
82 73.
119 28.

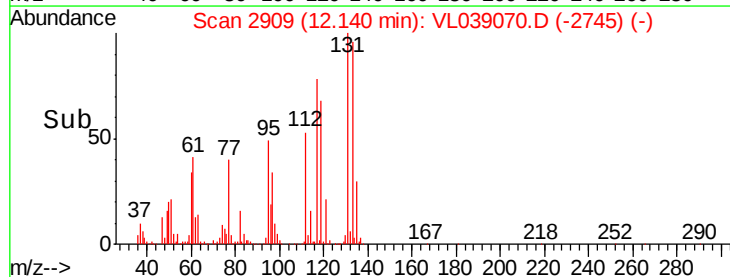
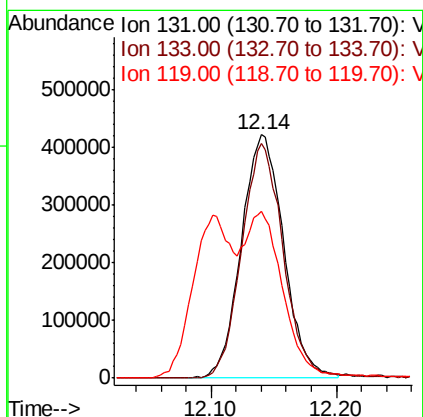
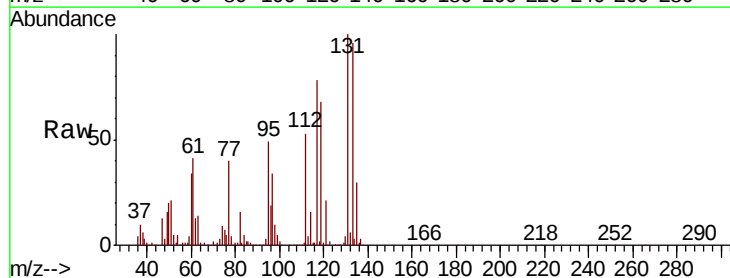
Manual Integrations
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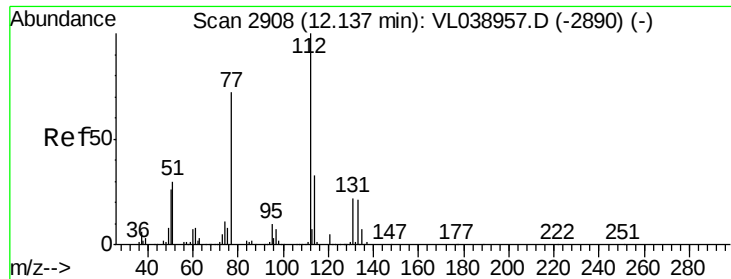
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 11.166 ppbv
RT: 12.14 min Scan# 2909
Delta R.T.: 0.03 min
Lab File: VL039070.D
Acq: 17 May 2022 15:06

Tgt Ion: 131 Resp: 989735
Ion Ratio Lower Upper
131 100
133 95.5 76.9 115.3
119 69.2 47.4 71.0



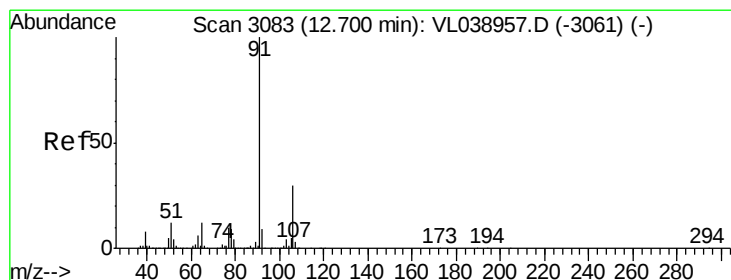
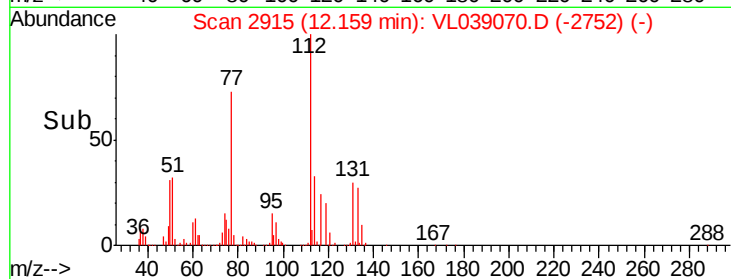
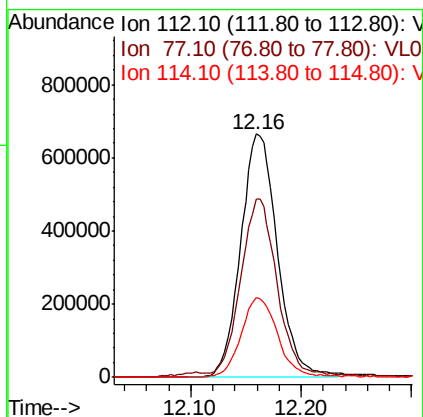
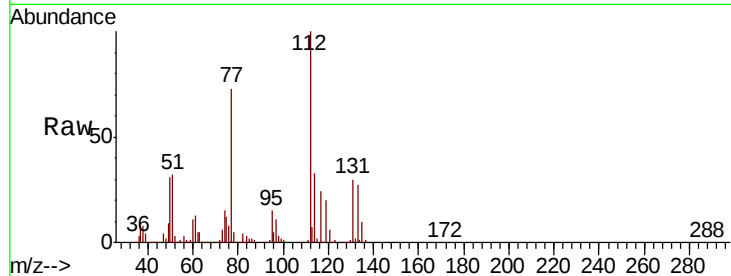


#57
Chlorobenzene
Concen: 10.125 ppbv
RT: 12.16 min
Instrument: MSVOA_1
Delta R.T.: 0.03 min
Lab File: VL0517ABS01
Acq: 17 May 2022 15:00

Tot Ion: 1
Ion Ratio
112 100
77 72.
114 32.

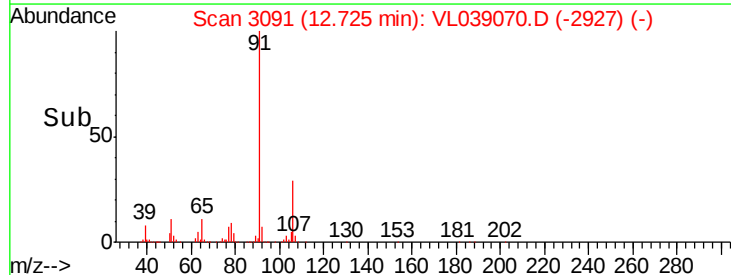
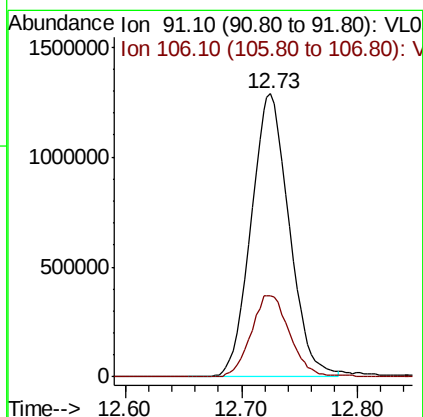
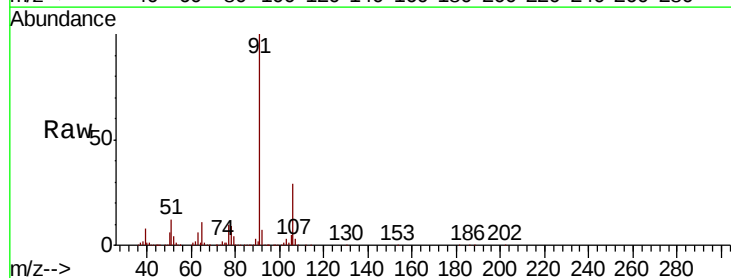
Manual Integrations
APPROVED

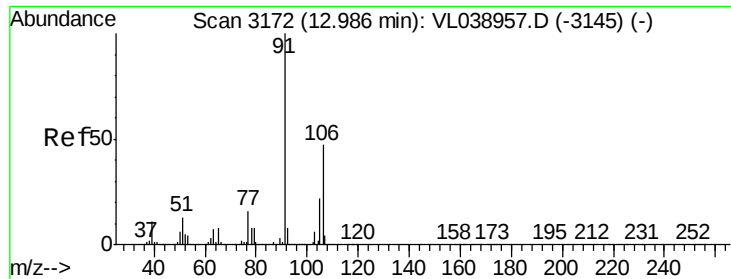
Reviewed By : Semsettin Yesilyurt 05/18/2022
Supervised By : Mahesh Dadoda 05/20/2022



#58
Ethyl Benzene
Concen: 10.118 ppbv
RT: 12.73 min Scan# 3091
Delta R.T.: 0.03 min
Lab File: VL039070.D
Acq: 17 May 2022 15:06

Tgt Ion: 91 Resp: 2941667
Ion Ratio Lower Upper
91 100
106 28.8 24.2 36.4





#59

m/p-Xylene

Concen: 20.438 ppbv m

RT: 13.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 15:00

Tot Ion:

Ion Ratio

91 100

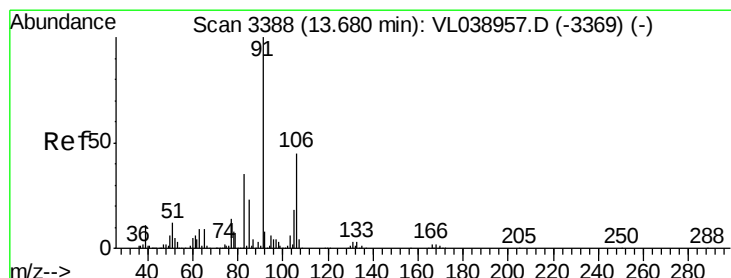
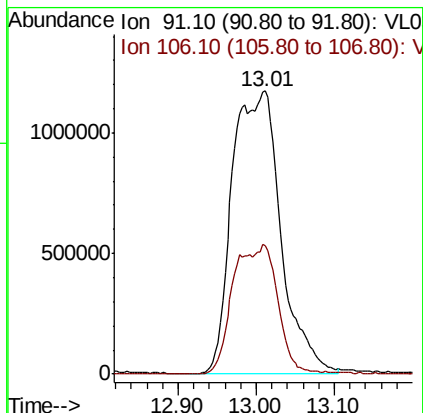
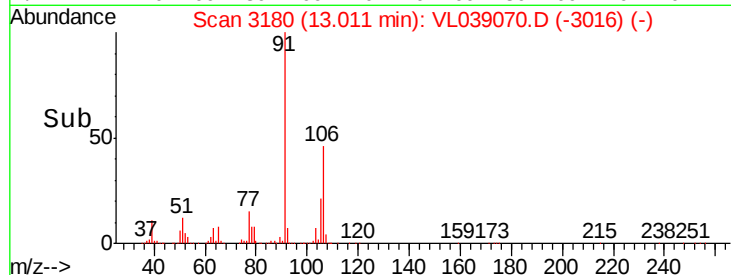
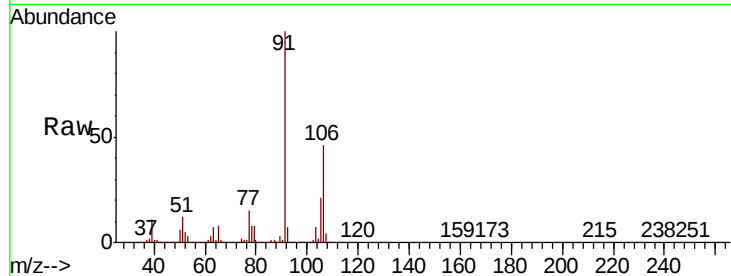
106 42.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#60

o-Xylene

Concen: 10.487 ppbv

RT: 13.71 min Scan# 3396

Delta R.T. 0.03 min

Lab File: VL039070.D

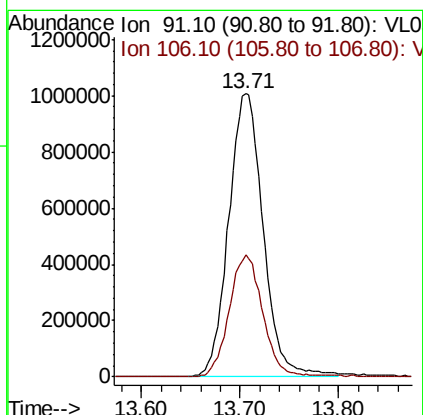
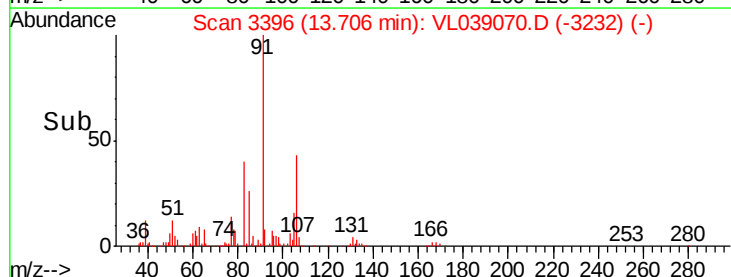
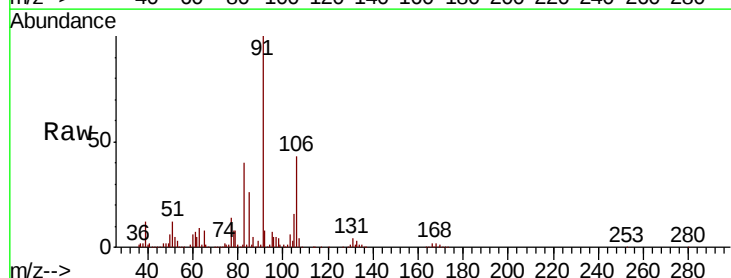
Acq: 17 May 2022 15:06

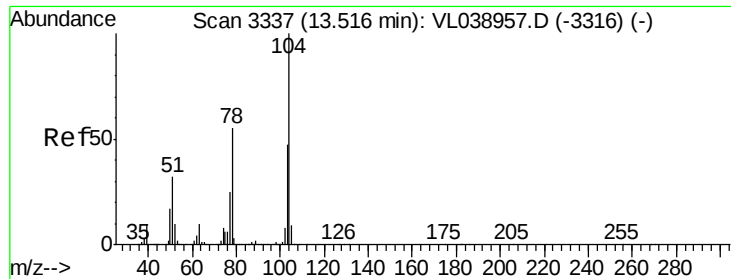
Tgt Ion: 91 Resp: 2449787

Ion Ratio Lower Upper

91 100

106 42.5 22.2 66.6





#61

Stvrene

Concen: 10.300 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 May 2022 15:00

Tot Ion:1

Ion Rati

104 100

78 58.

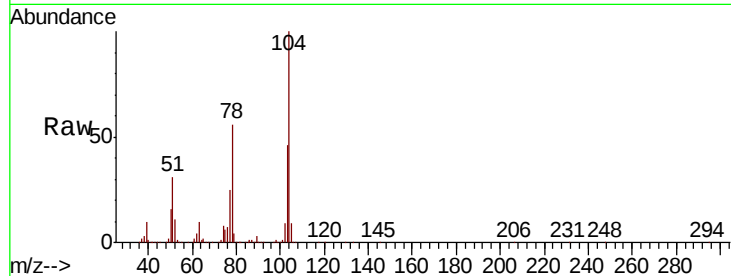
103 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

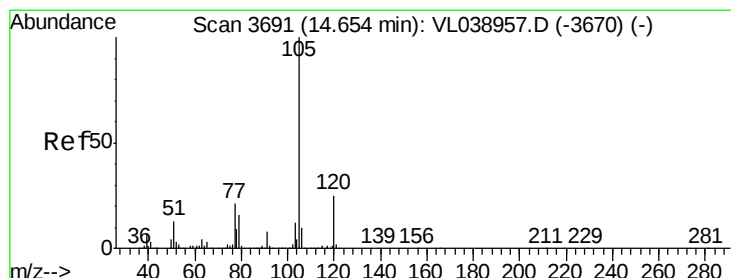
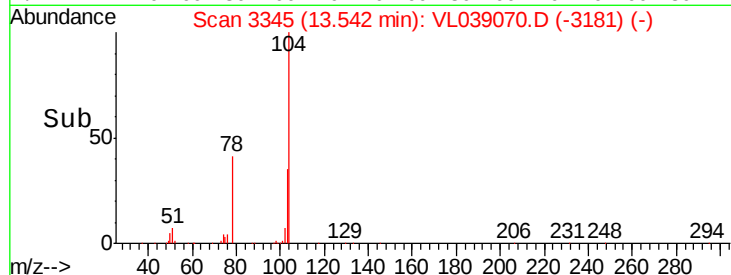
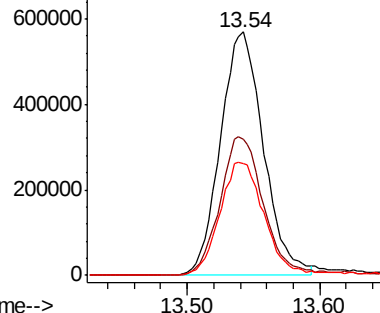
Supervised By :Mahesh Dadoda 05/20/2022



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: 10.619 ppbv

RT: 14.68 min Scan# 3699

Delta R.T. 0.03 min

Lab File: VL039070.D

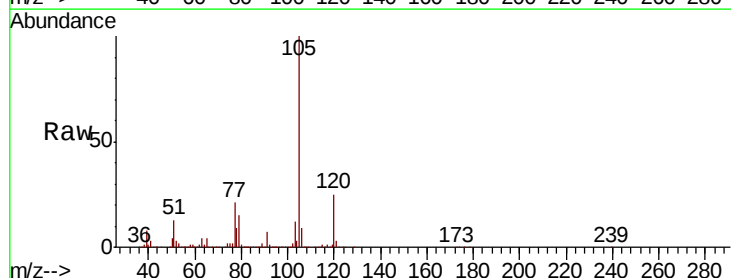
Acq: 17 May 2022 15:06

Tgt Ion:105 Resp: 3627513

Ion Ratio Lower Upper

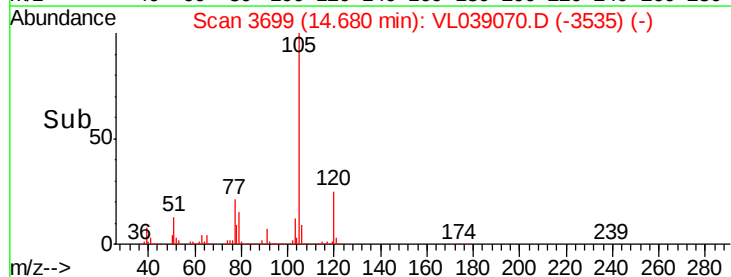
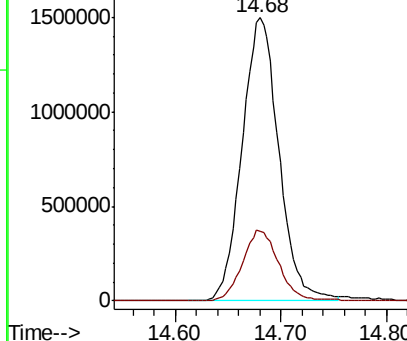
105 100

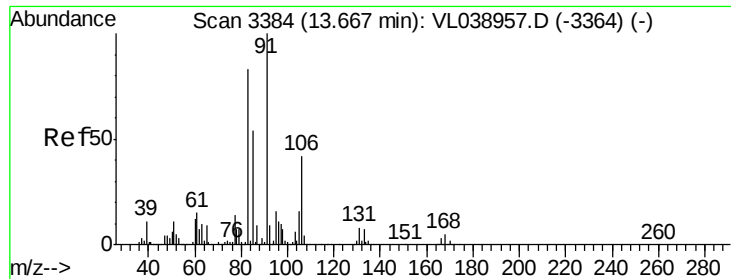
120 25.0 20.5 30.7



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: 11.952 ppbv

RT: 13.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 May 2022 15:00

Tot Ion:

Ion Ratio

83 100

131 9.

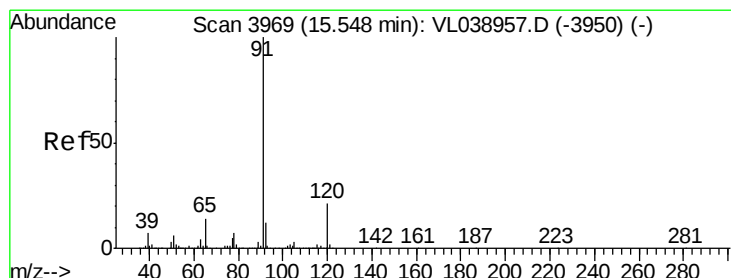
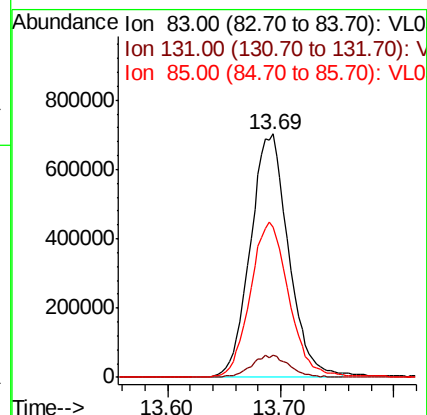
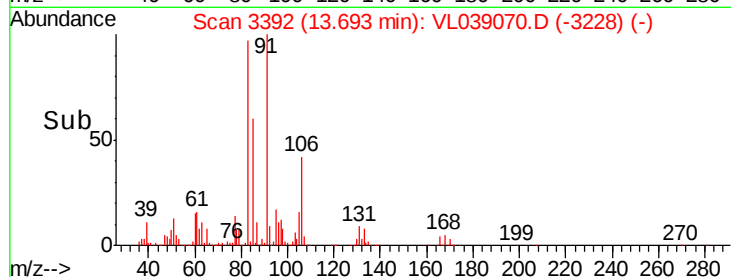
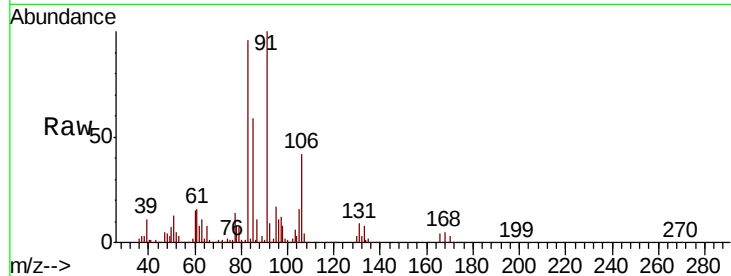
85 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#64

n-propylbenzene

Concen: 10.894 ppbv

RT: 15.57 min Scan# 3977

Delta R.T. 0.03 min

Lab File: VL039070.D

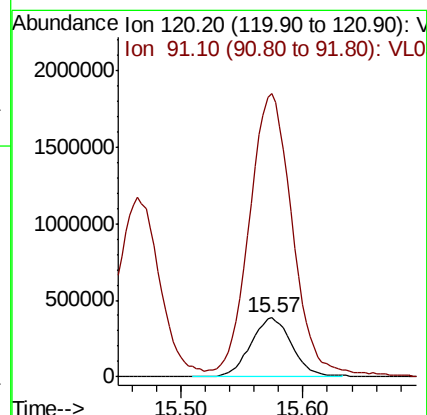
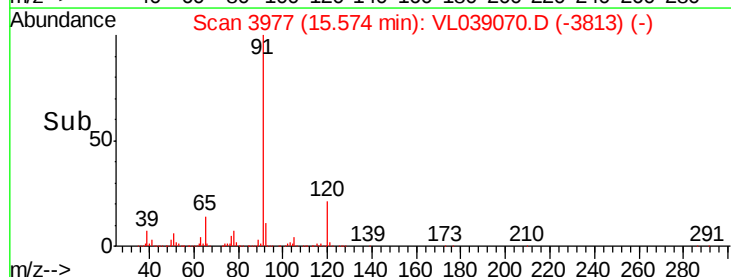
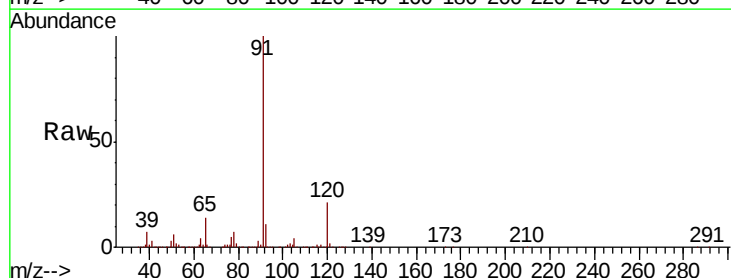
Acq: 17 May 2022 15:06

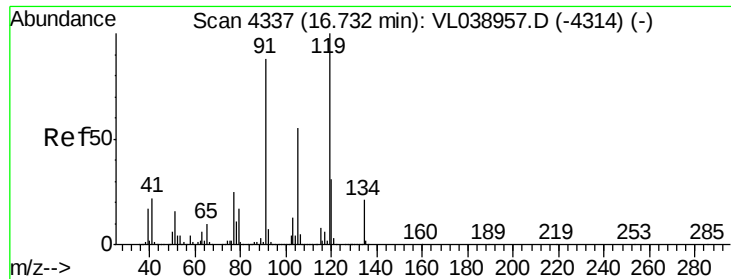
Tgt Ion:120 Resp: 899780

Ion Ratio Lower Upper

120 100

91 507.5 400.6 601.0



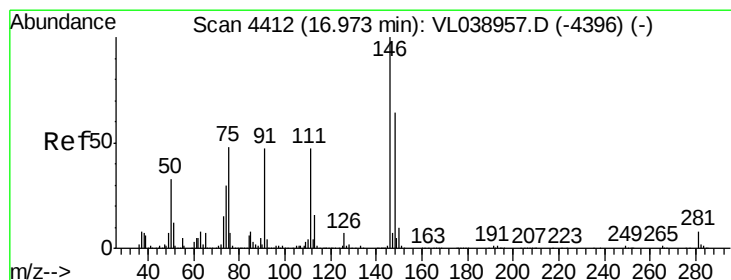
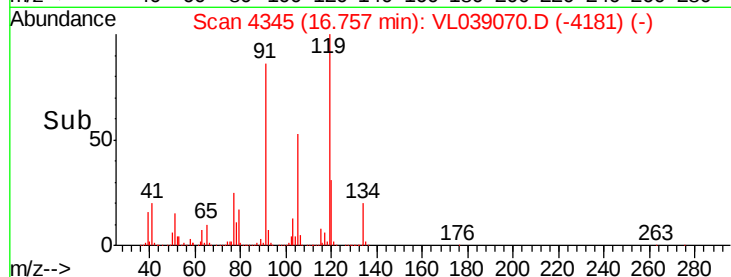
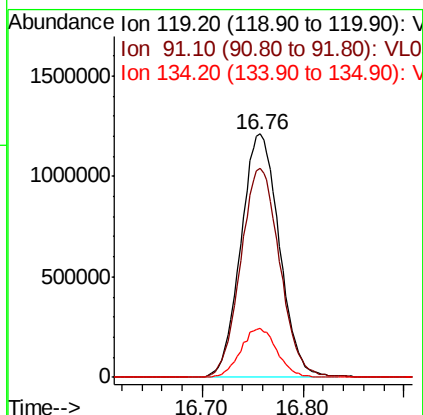
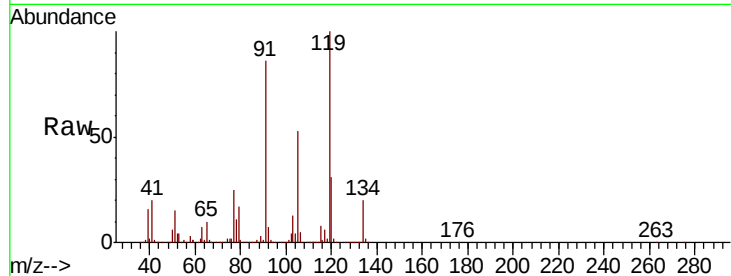


#65
tert-Butylbenzene
Concen: 10.688 ppbv
RT: 16.76 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0517ABS01
Acq: 17 May 2022 15:00

Tot Ion: 1
Ion Ratio
119 100
91 87.
134 19.

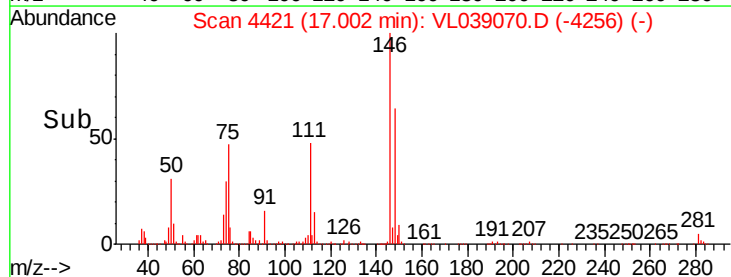
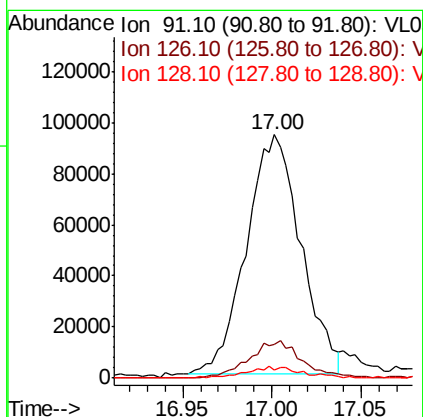
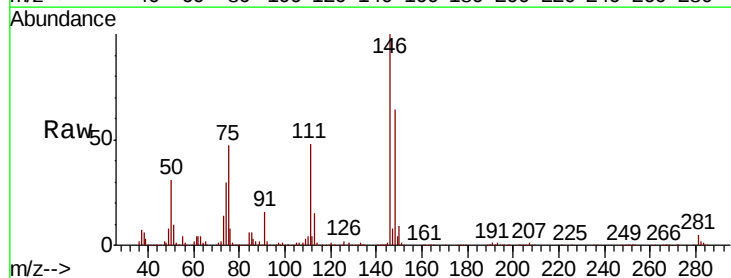
Manual Integrations
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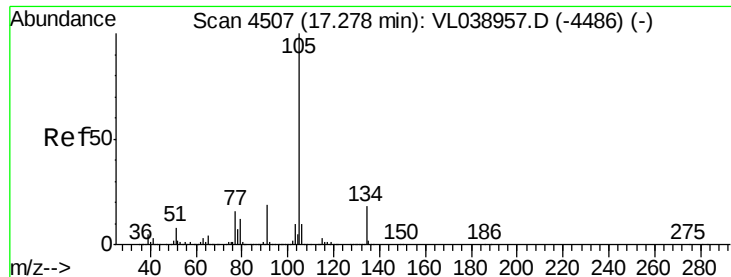
Reviewed By : Semsettin Yesilyurt 05/18/2022
Supervised By : Mahesh Dadoda 05/20/2022



#66
Benzyl Chloride
Concen: 5.136 ppbv
RT: 17.00 min Scan# 4421
Delta R.T.: 0.03 min
Lab File: VL039070.D
Acq: 17 May 2022 15:06

Tgt Ion: 91 Resp: 200958
Ion Ratio Lower Upper
91 100
126 15.1 11.8 17.6
128 4.9 4.2 6.2





#67

sec-Butylbenzene

Concen: 10.692 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0517ABS01

Acq: 17 May 2022 15:00

Tot Ion:1

Ion Rati

105 100

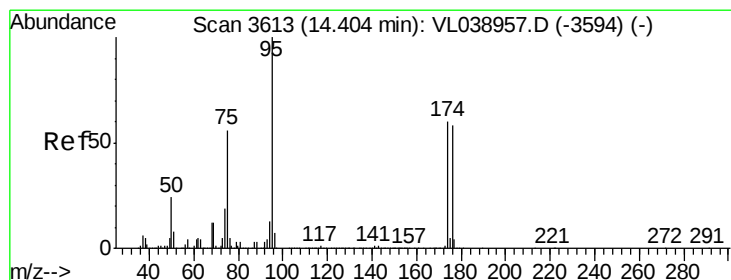
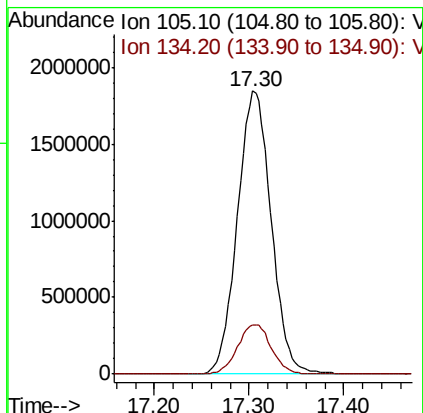
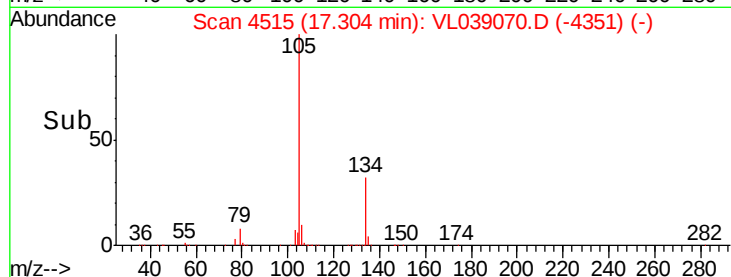
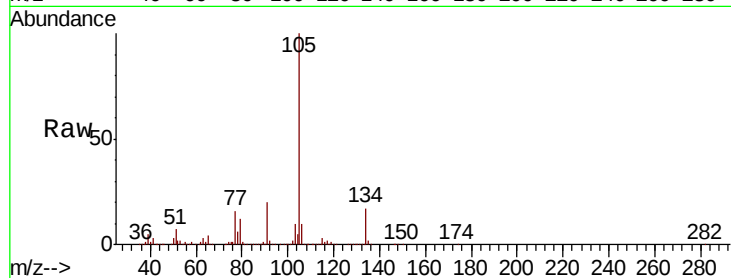
134 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.308 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. 0.02 min

Lab File: VL039070.D

Acq: 17 May 2022 15:06

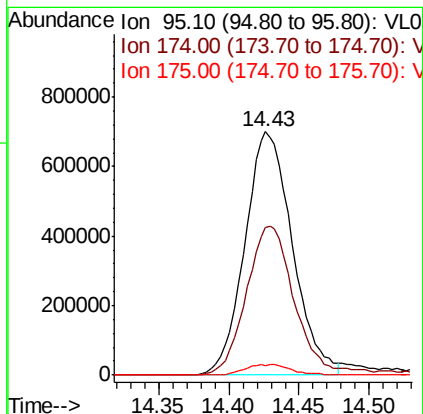
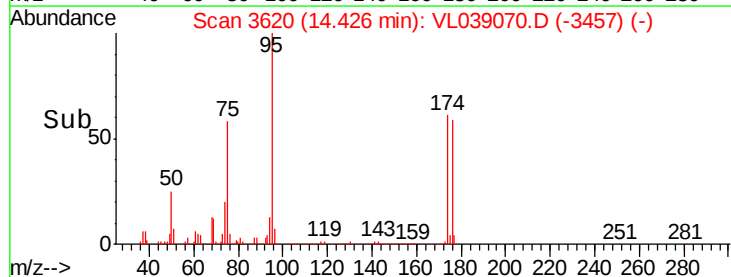
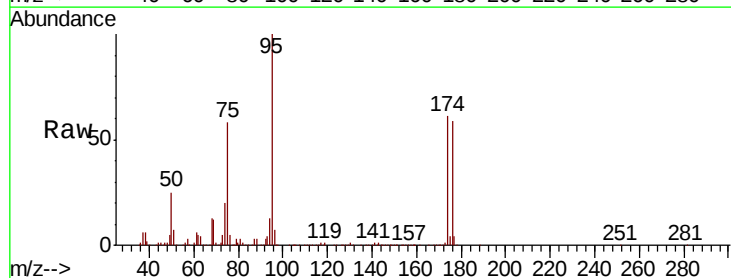
Tgt Ion: 95 Resp: 1649187

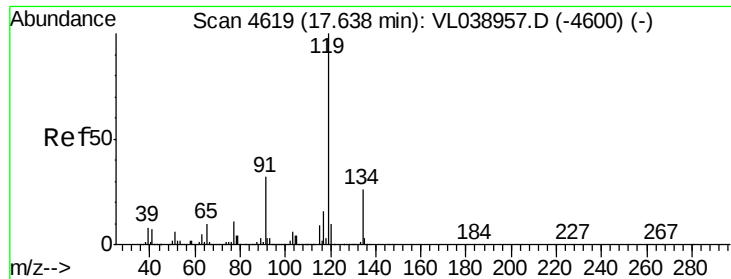
Ion Ratio Lower Upper

95 100

174 64.4 50.8 76.2

175 4.6 3.8 5.6



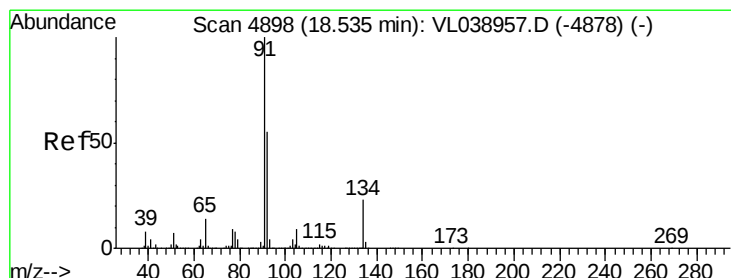
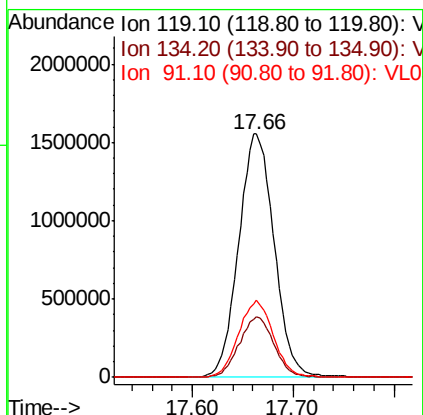
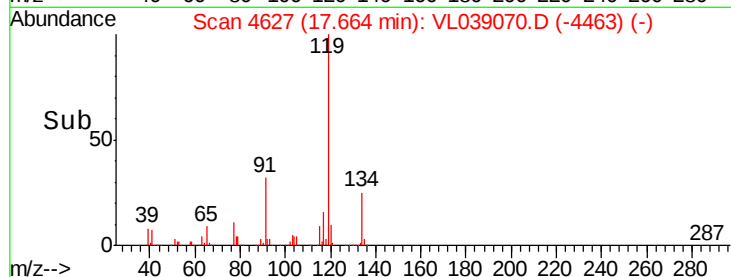
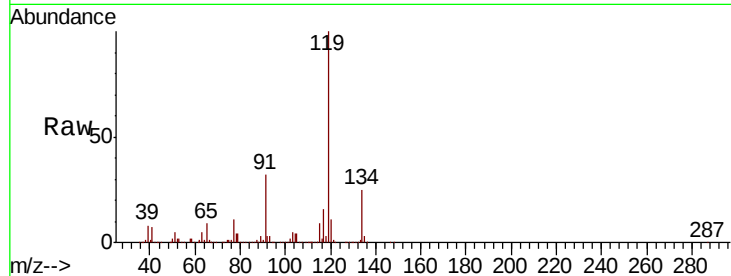


#69
 p-Isopropyltoluene
 Concen: 10.973 ppbv
 RT: 17.66 min
 Delta R.T. 0.03 min
 Lab File: VL0517ABS01
 Acq: 17 May 2022 15:00

Manual Integrations
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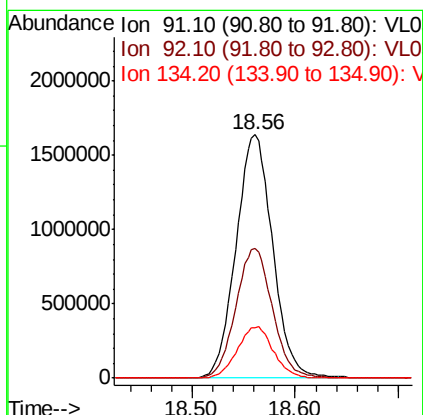
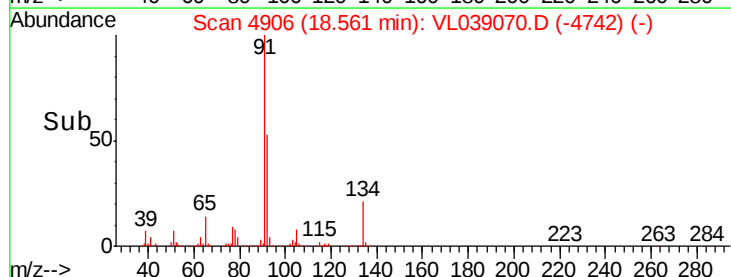
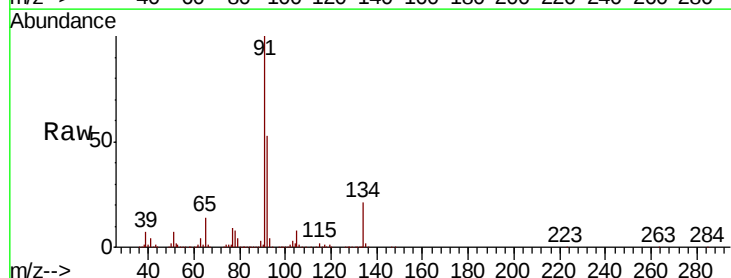
Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022

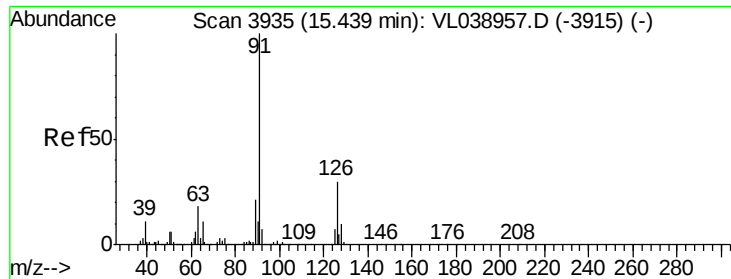
Tot Ion:1
 Ion Ratio
 119 100
 134 24.1
 91 30.1



#70
 n-Butylbenzene
 Concen: 11.017 ppbv
 RT: 18.56 min Scan# 4906
 Delta R.T. 0.03 min
 Lab File: VL039070.D
 Acq: 17 May 2022 15:06

Tgt Ion: 91 Resp: 4043722
 Ion Ratio Lower Upper
 91 100
 92 53.5 43.1 64.7
 134 21.0 17.0 25.4



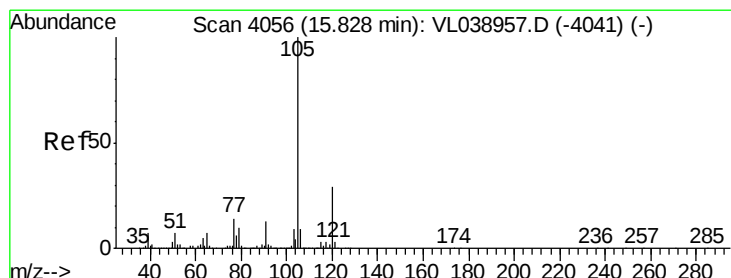
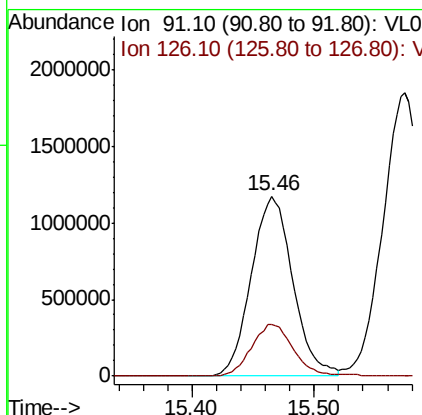
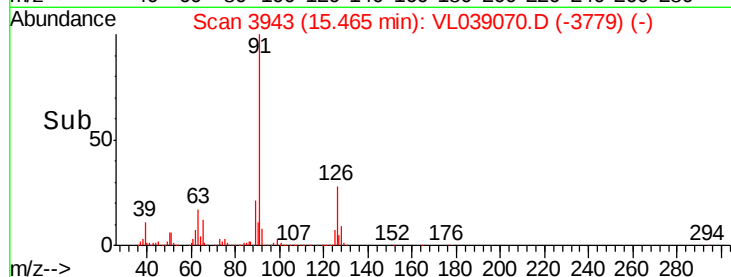
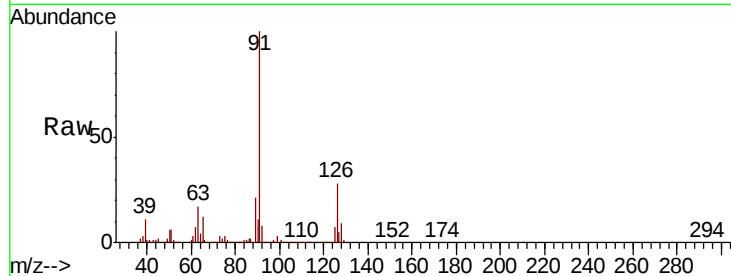


#71
 2-Chlorotoluene
 Concen: 10.506 ppbv
 RT: 15.46 min
 Delta R.T. 0.02 min
 Lab File: VL0517ABS01
 Acq: 17 May 2022 15:00

Tot Ion:
 Ion Ratio
 91 100
 126 29.

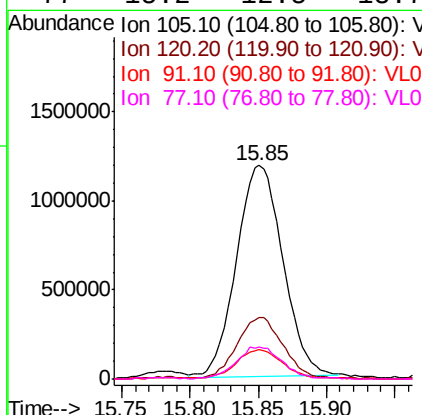
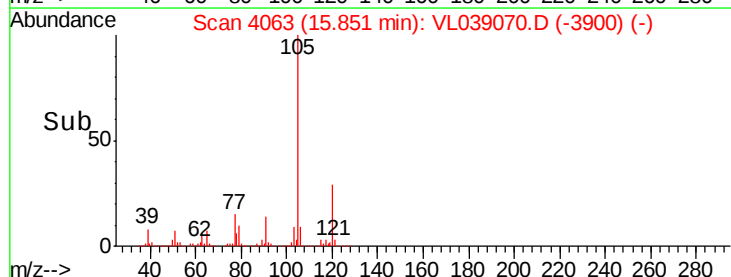
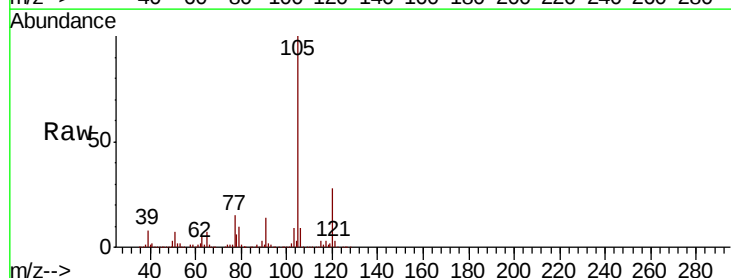
Manual Integrations
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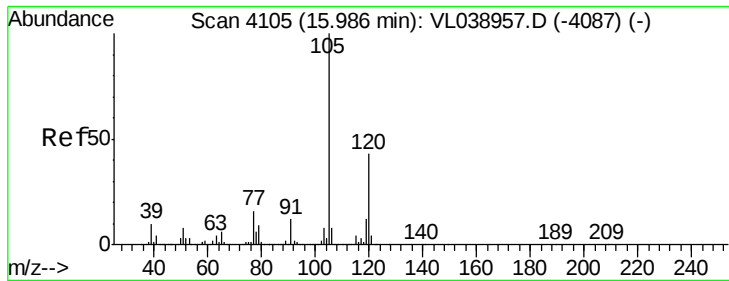
Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022



#72
 4-Ethyltoluene
 Concen: 10.497 ppbv
 RT: 15.85 min Scan# 4063
 Delta R.T. 0.02 min
 Lab File: VL039070.D
 Acq: 17 May 2022 15:06

Tgt Ion:105 Resp: 2794084
 Ion Ratio Lower Upper
 105 100
 120 29.4 23.4 35.0
 91 13.7 10.6 16.0
 77 15.2 12.5 18.7



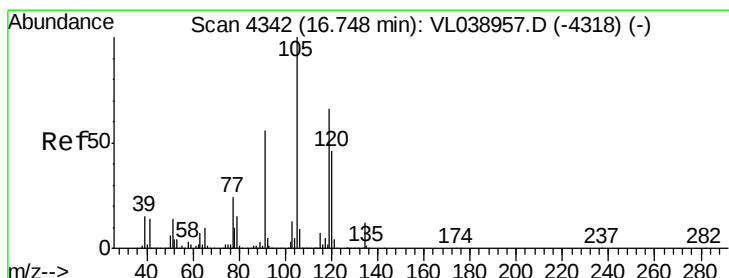
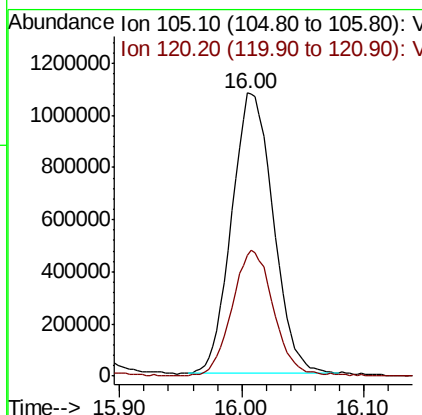
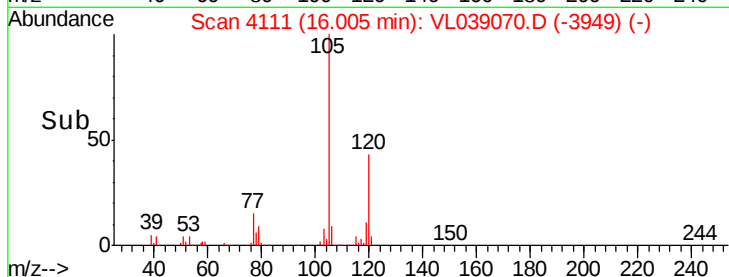
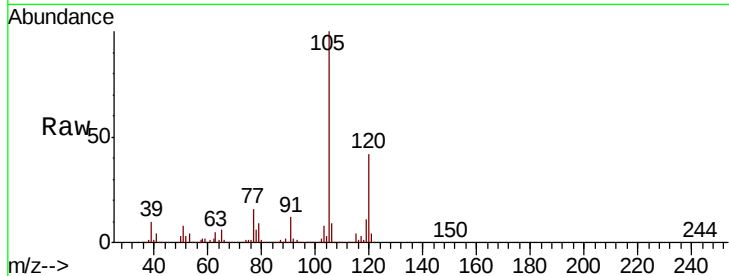


#73
 1,3,5-Trimethylbenzene
 Concen: 10.640 ppbv
 RT: 16.00 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0517ABS01
 Acq: 17 May 2022 15:00

Tot Ion:1
 Ion Rati
 105 100
 120 42.

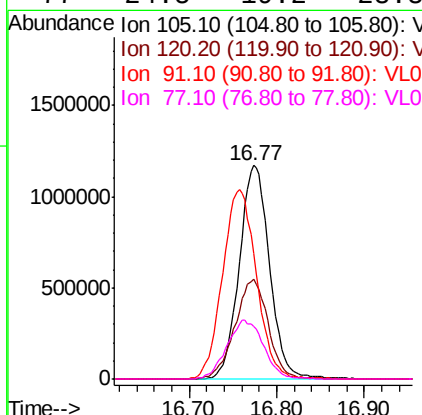
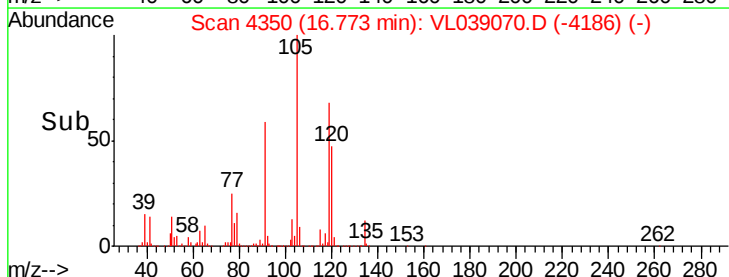
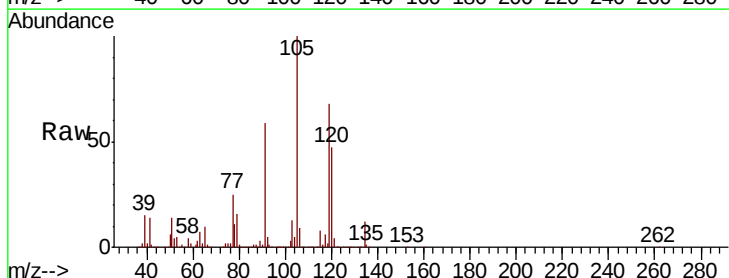
Manual Integrations
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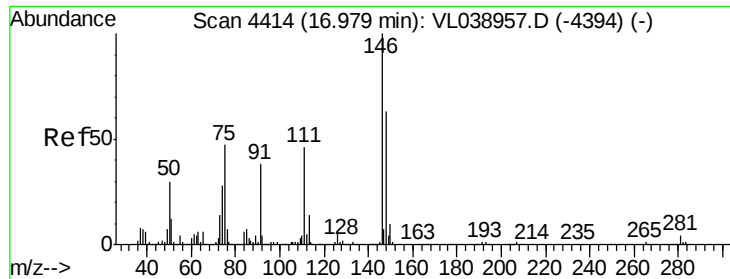
Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 10.710 ppbv
 RT: 16.77 min Scan# 4350
 Delta R.T.: 0.03 min
 Lab File: VL039070.D
 Acq: 17 May 2022 15:06

Tgt Ion:105 Resp: 2810273
 Ion Ratio Lower Upper
 105 100
 120 46.7 36.9 55.3
 91 58.4 45.0 67.4
 77 24.5 19.2 28.8





#75

1,3-Dichlorobenzene

Concen: 10.814 ppbv

RT: 17.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 May 2022 15:00

Tot Ion:1

Ion Rati

146 100

111 48.

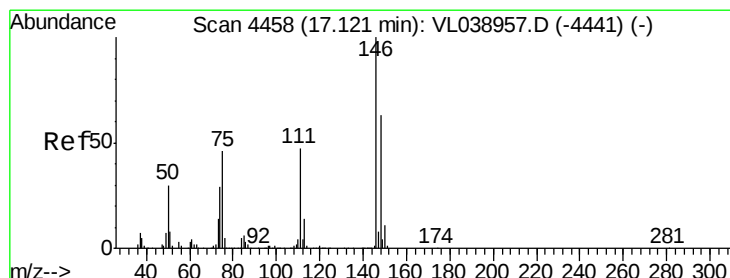
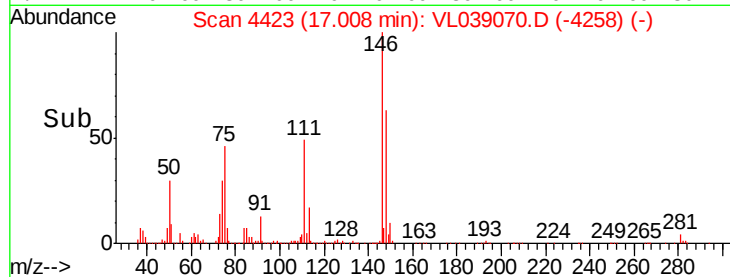
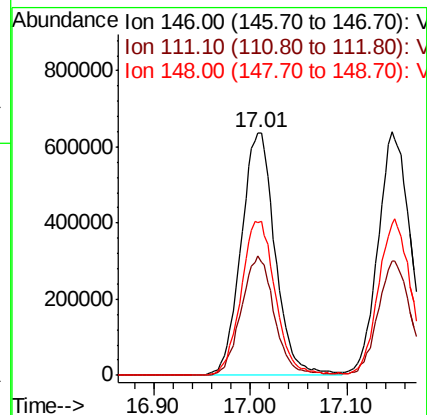
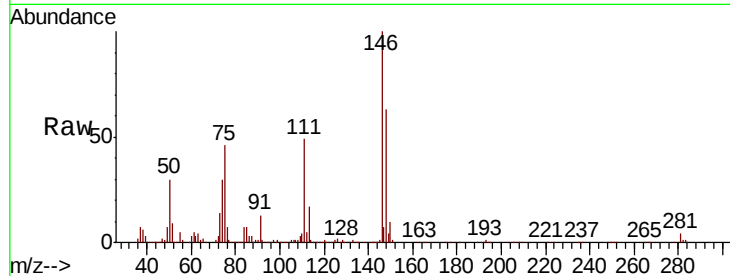
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022

Supervised By :Mahesh Dadoda 05/20/2022



#76

1,4-Dichlorobenzene

Concen: 10.536 ppbv

RT: 17.15 min Scan# 4466

Delta R.T. 0.03 min

Lab File: VL039070.D

Acq: 17 May 2022 15:06

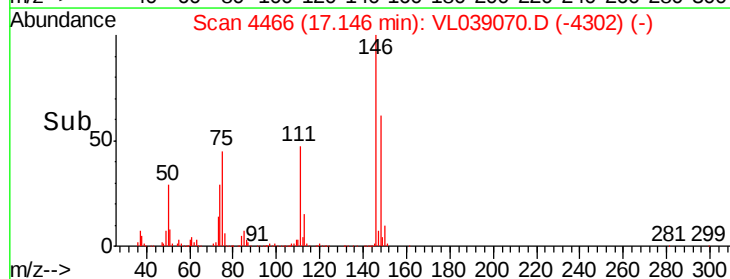
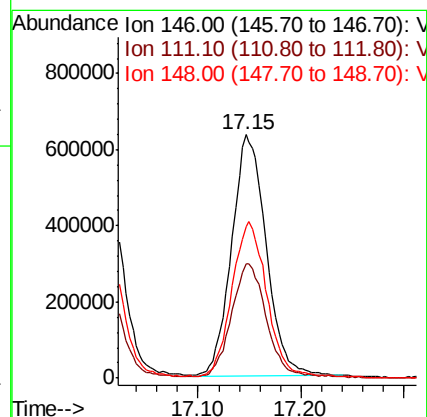
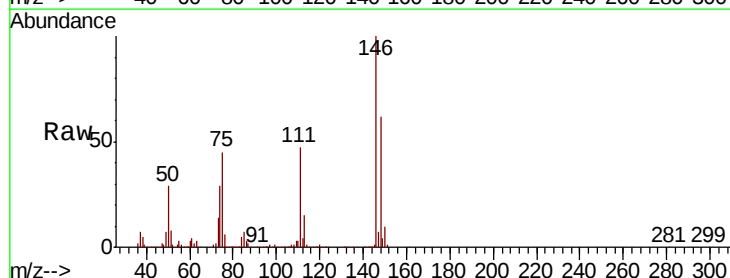
Tgt Ion:146 Resp: 1490188

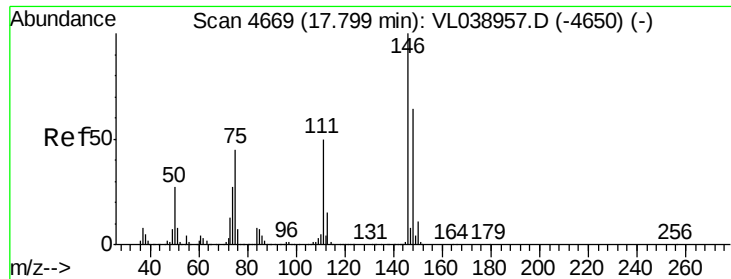
Ion Ratio Lower Upper

146 100

111 49.1 23.6 71.0

148 66.3 32.2 96.6



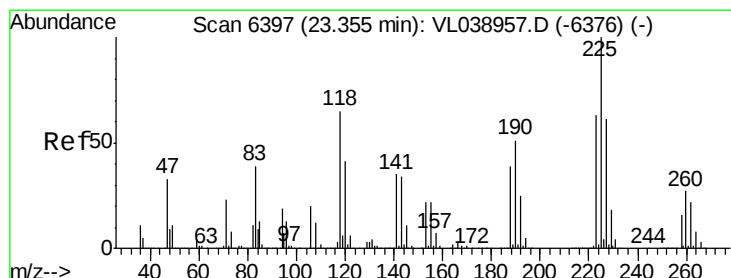
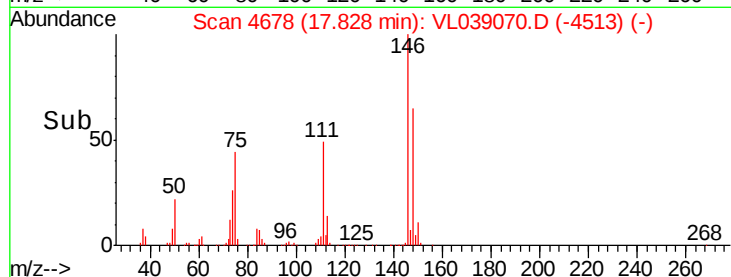
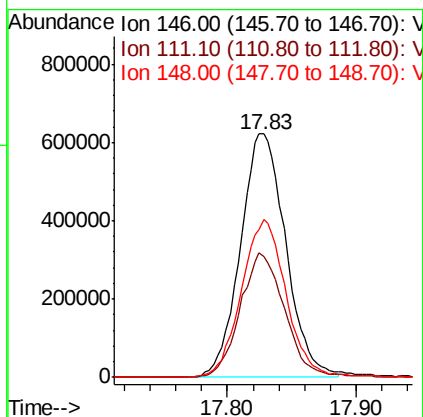
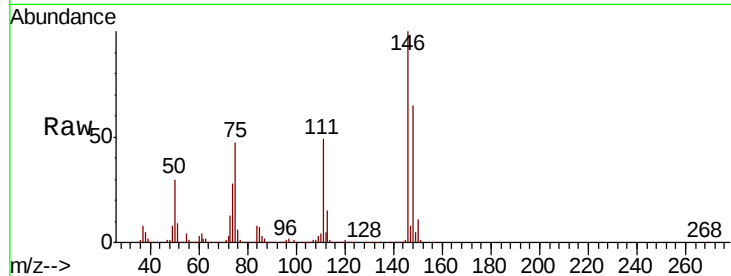


#77
 1,2-Dichlorobenzene
 Concen: 10.639 ppbv
 RT: 17.83 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: VL0517ABS01
 Acq: 17 May 2022 15:00

Tot Ion: 1
 Ion Ratio
 146 100
 111 50.
 148 64.

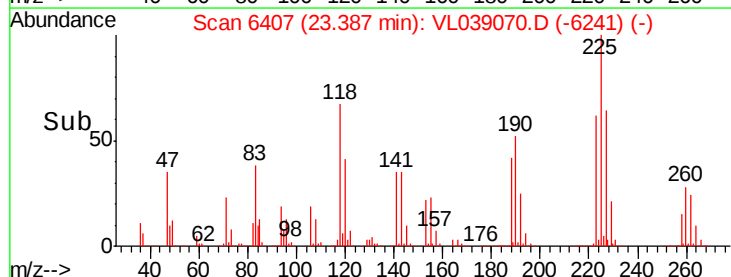
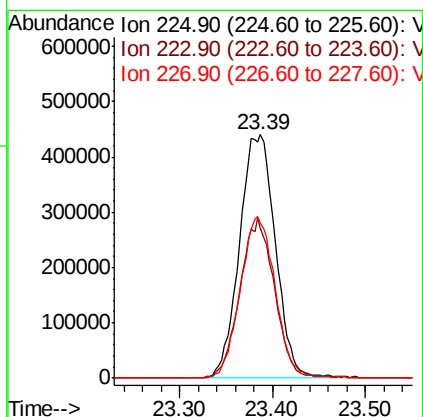
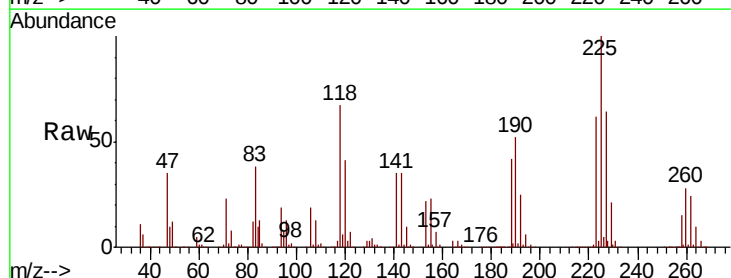
Manual Integrations
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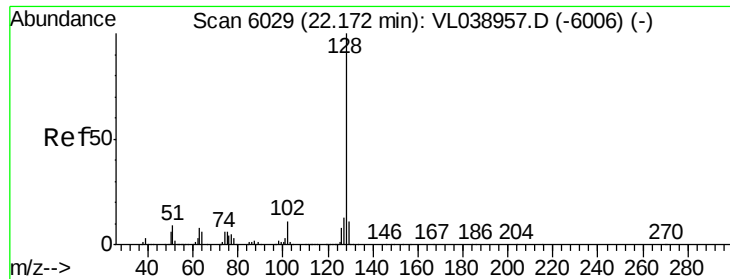
Reviewed By : Semsettin Yesilyurt 05/18/2022
 Supervised By : Mahesh Dadoda 05/20/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.055 ppbv m
 RT: 23.39 min Scan# 6407
 Delta R.T.: 0.03 min
 Lab File: VL039070.D
 Acq: 17 May 2022 15:06

Tgt Ion: 225 Resp: 1183243
 Ion Ratio Lower Upper
 225 100
 223 63.4 51.4 77.0
 227 64.6 51.4 77.0



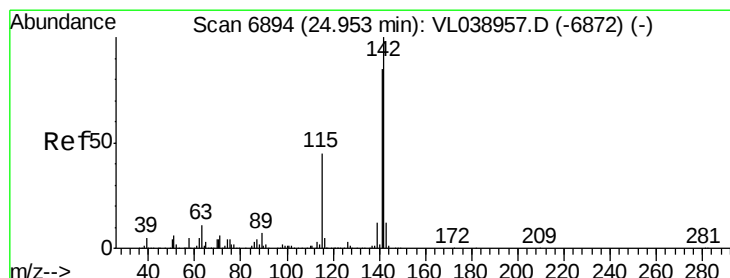
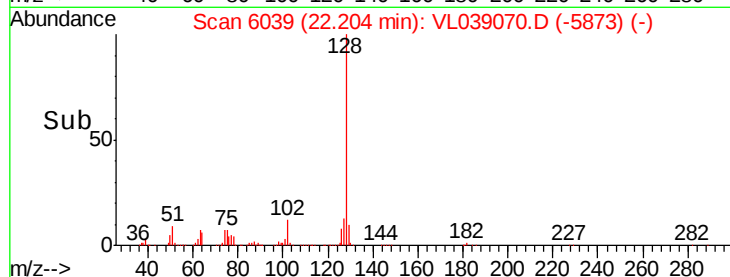
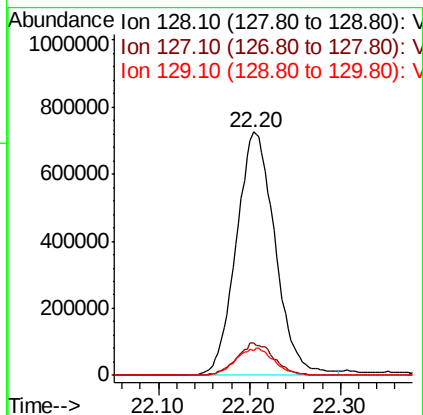
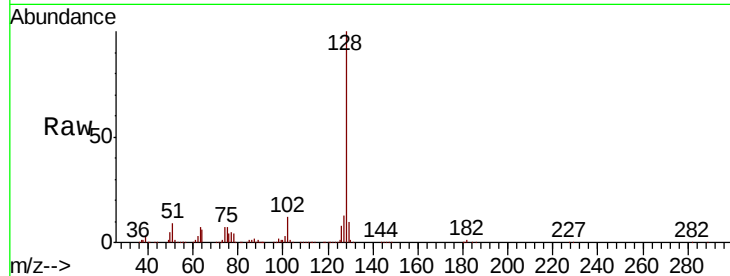


#79
Naphthalene
Concen: 10.082 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.:
Client Sample Id:
Lab File: VL0517ABS01
Acq: 17 May 2022 15:00

Tot Ion: 1
Ion Ratio
128 100
127 13.
129 10.

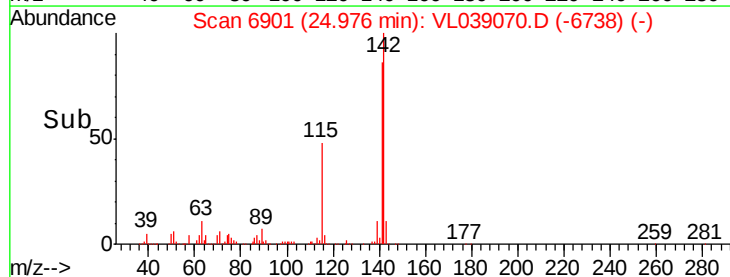
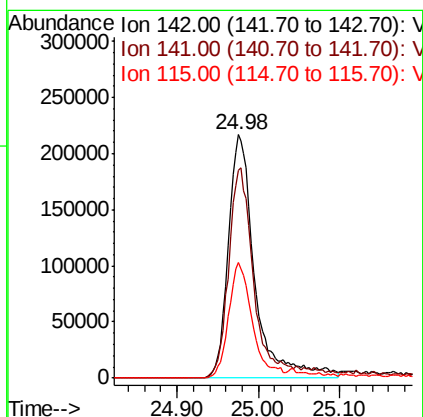
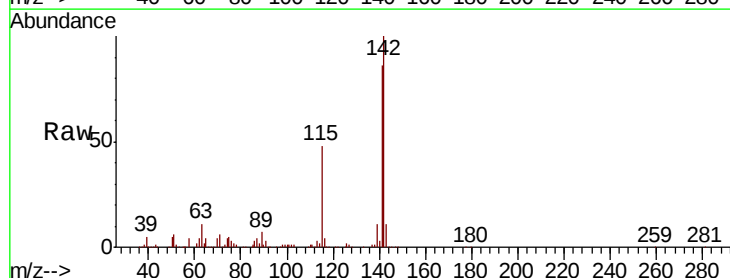
Manual Integrations
APPROVED

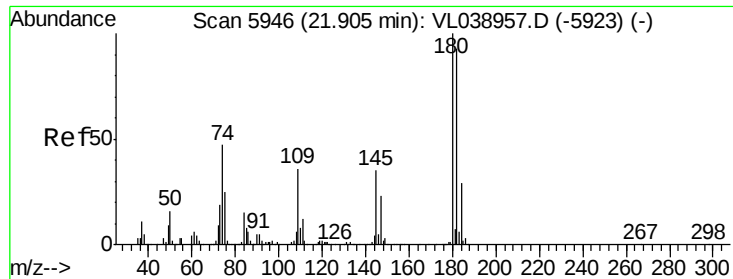
Reviewed By : Semsettin Yesilyurt 05/18/2022
Supervised By : Mahesh Dadoda 05/20/2022



#80
Naphthalene, 2-methyl-
Concen: 7.735 ppbv
RT: 24.98 min Scan# 6901
Delta R.T.: 0.02 min
Lab File: VL039070.D
Acq: 17 May 2022 15:06

Tgt Ion: 142 Resp: 498699
Ion Ratio Lower Upper
142 100
141 87.8 70.8 106.2
115 45.9 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 9.606 ppbv m
 RT: 21.94
 Delta R.T.
 Lab File: ClientSampleId :
 VL0517ABS01
 Acq: 17 May 2022 15:00

Tot Ion:1
 Ion Rati
 180 100
 182 96.
 184 30.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022

