

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033022\
 Data File : VL038809.D
 Acq On : 31 Mar 2022 9:44
 Operator : SY/AP
 Sample : VL0330ABS02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0330ABS02

Manual Integrations
 APPROVED

Quant Time: Apr 01 05:17:45 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122A

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

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/04/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	791456	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	2260865	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	2106507m	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1520866	9.42	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	922112	8.667	ppbv 100
3) Chlorodifluoromethane	3.00	51	877230	10.495	ppbv 100
4) Chloromethane	3.15	50	475831	10.368	ppbv 95
5) Vinyl Chloride	3.27	62	472341	10.129	ppbv 97
6) Bromomethane	3.49	94	268085	10.784	ppbv 99
7) Chloroethane	3.57	64	164833	10.677	ppbv 99
8) Dichlorotetrafluoroethane	3.20	85	1091519	10.275	ppbv 93
9) Propene	3.02	41	421077	10.434	ppbv 100
10) Heptane	8.14	43	1109040	11.496	ppbv 100
11) Trichlorofluoromethane	3.96	101	1009691	10.752	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	811026	11.220	ppbv 97
13) Ethanol	3.62	45	38013m	8.539	ppbv
14) Bromoethene	3.75	108	355496	11.066	ppbv 98
15) Acetone	3.86	43	715145	10.472	ppbv 98
16) 1,3-Butadiene	3.34	39	419655	10.828	ppbv 99
17) tert-Butyl alcohol	4.30	59	697629	11.697	ppbv 99
18) 1,1-Dichloroethene	4.30	96	369900	11.391	ppbv 99
19) Isopropyl Alcohol	3.98	45	398387	10.522	ppbv 99
20) Methylene Chloride	4.36	84	303722	10.559	ppbv 97
21) Allyl Chloride	4.43	41	558427	11.362	ppbv 98
22) trans-1,2-Dichloroethene	4.90	96	399157	11.850	ppbv 99
23) Vinyl Acetate	5.09	43	809519	12.241	ppbv 98
24) 1,1-Dichloroethane	5.02	63	716030	10.994	ppbv 99
25) Ethyl Acetate	5.69	43	1895892	11.028	ppbv 100
26) Hexane	5.70	57	835886	10.861	ppbv 99
27) Carbon Disulfide	4.56	76	950754	12.592	ppbv 99
28) Methyl tert-Butyl Ether	5.05	73	677172	11.811	ppbv 100
29) Chloroform	5.77	83	1333323	10.819	ppbv 99
30) Cyclohexane	7.15	84	734942	10.982	ppbv 100
31) cis-1,2-Dichloroethene	5.56	61	814145	11.250	ppbv 99
32) 1,1,1-Trichloroethane	6.53	97	1321148	11.109	ppbv 99
34) 2-Butanone	5.26	43	841433	9.403	ppbv 98
35) Carbon Tetrachloride	7.03	117	1384562	10.555	ppbv 99
36) Benzene	6.91	78	1828528	10.479	ppbv 100
37) 1,2-Dichloroethane	6.32	62	918618	10.349	ppbv 99
38) Trichloroethene	7.85	130	796771	10.900	ppbv 97
39) 1,2-Dichloropropane	7.63	63	688375	10.091	ppbv 99
40) 1,4-Dioxane	7.84	88	255327	10.778	ppbv 97
41) Tetrahydrofuran	6.06	42	715290	10.740	ppbv 100
42) Bromodichloromethane	7.81	83	1420662	10.675	ppbv 99
43) Methyl Methacrylate	8.03	69	737055	11.377	ppbv 99

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Instrument :
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 ClientSampleId :
 VL0330ABS02

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/04/2022

Quant Time: Apr 01 05:17:45 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122A

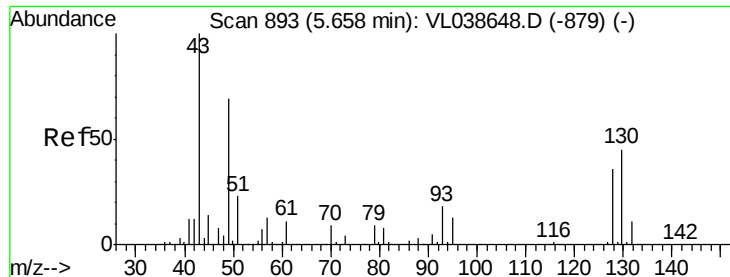
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	2958433	10.098	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	835785	12.689	ppbv	100
46) cis-1,3-Dichloropropene	8.72	75	1052129	11.813	ppbv	98
47) 1,1,2-Trichloroethane	9.49	97	764334	10.495	ppbv	99
48) Dibromochloromethane	10.32	129	1323890	11.605	ppbv	99
49) Bromoform	13.06	173	1110800	11.947	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	1816143	10.917	ppbv	100
51) 2-Hexanone	10.15	43	1406281	11.768	ppbv #	100
52) Tetrachloroethene	11.24	164	698385	10.937	ppbv	97
53) Toluene	9.82	91	2104595	11.225	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1117702	11.240	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.14	131	909212	10.411	ppbv	97
57) Chlorobenzene	12.16	112	1568014	10.321	ppbv	99
58) Ethyl Benzene	12.73	91	2753023	11.179	ppbv	99
59) m/p-Xylene	13.01	91	4539391m	21.073	ppbv	
60) o-Xylene	13.71	91	2130086	10.414	ppbv	97
61) Styrene	13.54	104	1351009	12.180	ppbv	99
62) Isopropylbenzene	14.68	105	3233788	10.517	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.69	83	1445337	9.123	ppbv	99
64) n-propylbenzene	15.57	120	886470	10.987	ppbv	97
65) tert-Butylbenzene	16.76	119	2893902	10.474	ppbv	98
66) Benzyl Chloride	17.00	91	755157	14.434	ppbv	99
67) sec-Butylbenzene	17.31	105	4127117	10.445	ppbv	100
69) p-Isopropyltoluene	17.67	119	3487145	10.813	ppbv	99
70) n-Butylbenzene	18.56	91	3545627	10.660	ppbv	99
71) 2-Chlorotoluene	15.47	91	2379262	10.425	ppbv	98
72) 4-Ethyltoluene	15.85	105	2742227	11.358	ppbv	98
73) 1,3,5-Trimethylbenzene	16.01	105	2406328	10.937	ppbv	99
74) 1,2,4-Trimethylbenzene	16.78	105	2510971	10.478	ppbv	97
75) 1,3-Dichlorobenzene	17.01	146	1620542	10.617	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	1601767	10.552	ppbv	99
77) 1,2-Dichlorobenzene	17.83	146	1592210	10.530	ppbv	99
78) Hexachloro-1,3-Butadiene	23.39	225	1295681	9.271	ppbv	100
79) Naphthalene	22.21	128	2425443	13.247	ppbv	100
80) Naphthalene, 2-methyl-	24.98	142	662856	13.501	ppbv	98
81) 1,2,4-Trichlorobenzene	21.94	180	1415913	11.297	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 31 Mar 2022 9:44

Tot Ion:

Ion Ratio

49 100

128 56.

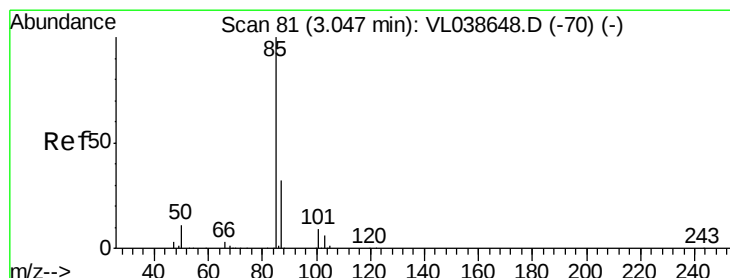
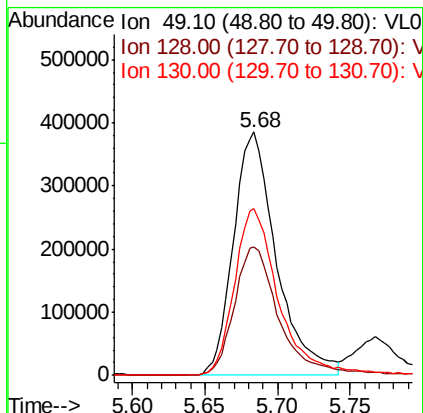
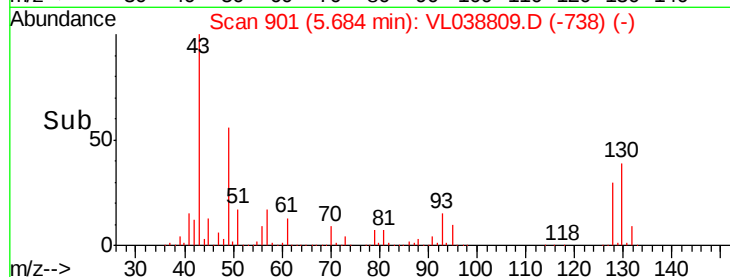
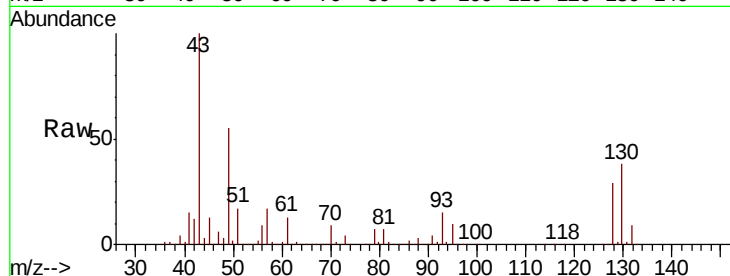
130 72.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#2

Dichlorodifluoromethane

Concen: 8.667 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.02 min

Lab File: VL038809.D

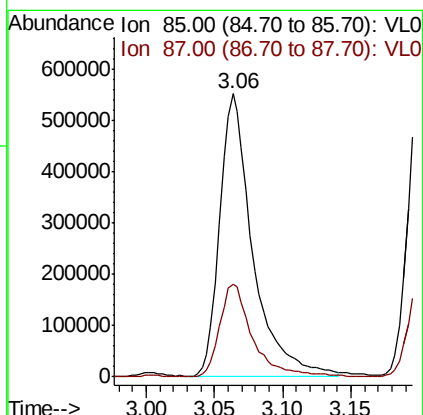
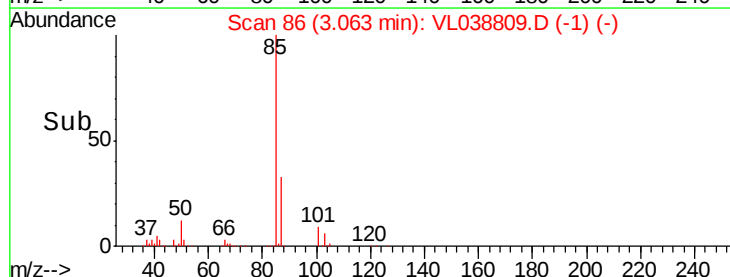
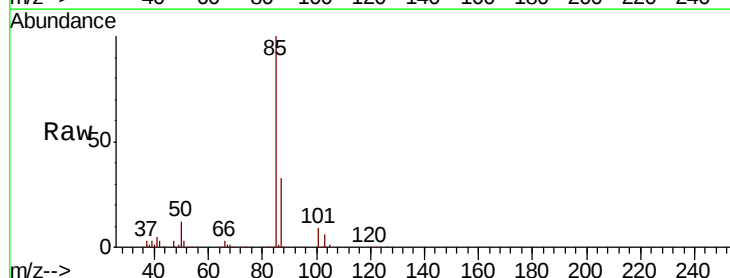
Acq: 31 Mar 2022 9:44

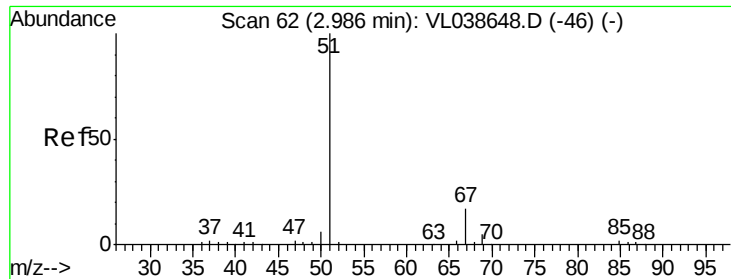
Tgt Ion: 85 Resp: 922112

Ion Ratio Lower Upper

85 100

87 32.7 26.0 39.0





#3

Chlorodifluoromethane

Concen: 10.495 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 31 Mar 2022 9:44

Tot Ion:

Ion Ratio

51 100

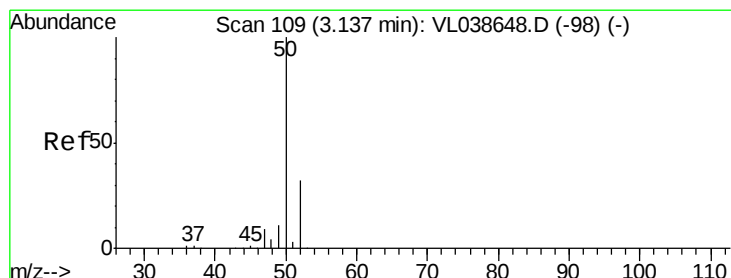
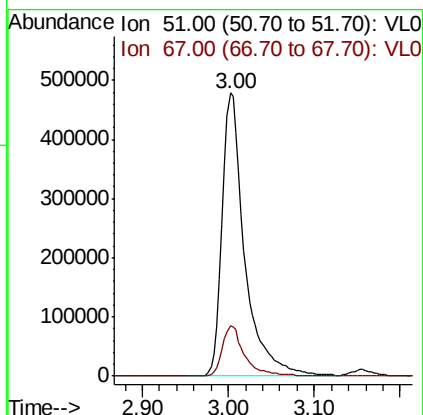
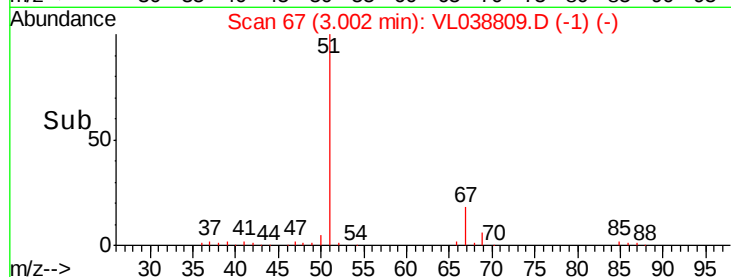
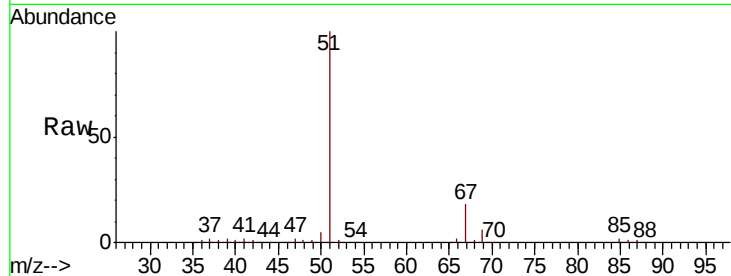
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#4

Chloromethane

Concen: 10.368 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.02 min

Lab File: VL038809.D

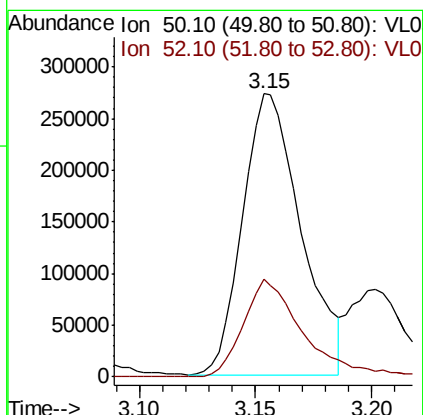
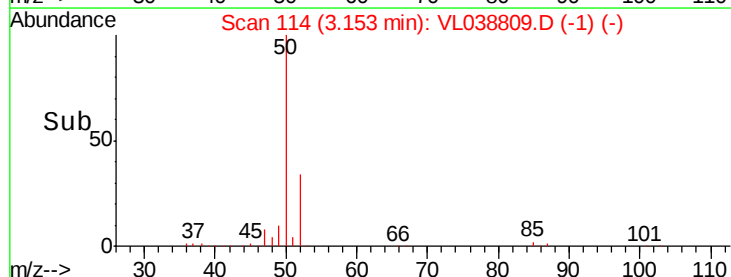
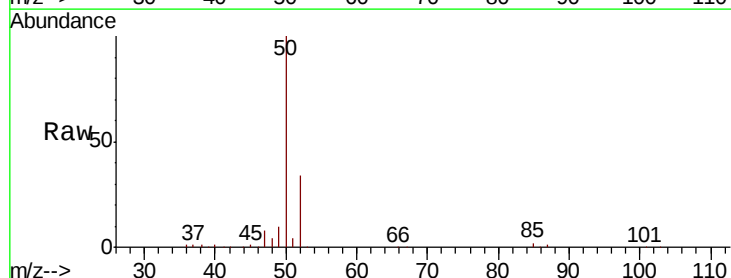
Acq: 31 Mar 2022 9:44

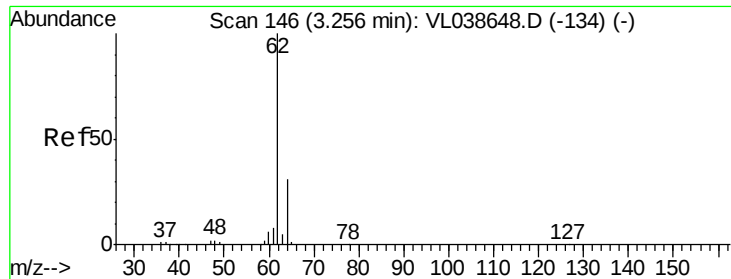
Tgt Ion: 50 Resp: 475831

Ion Ratio Lower Upper

50 100

52 34.5 25.5 38.3





#5

Vinyl Chloride

Concen: 10.129 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 31 Mar 2022 9:44 VL0330ABS02

Tot Ion:

Ion Ratio

62 100

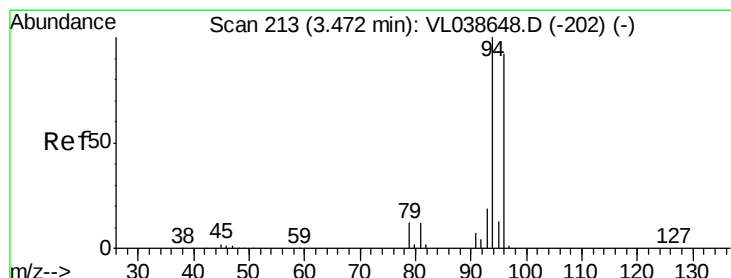
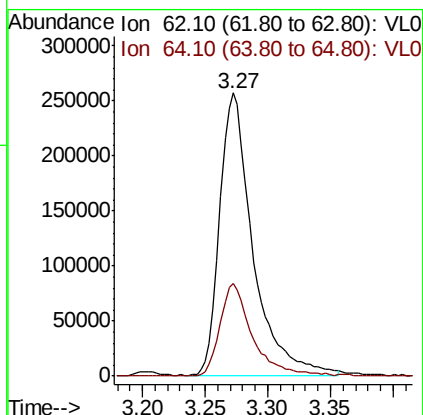
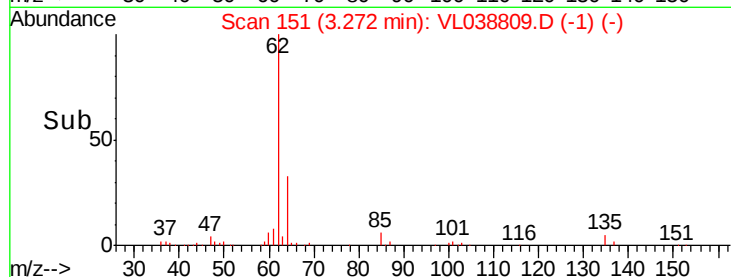
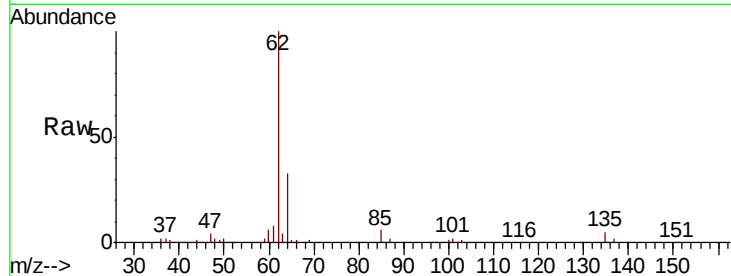
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#6

Bromomethane

Concen: 10.784 ppbv

RT: 3.49 min Scan# 219

Delta R.T. 0.02 min

Lab File: VL038809.D

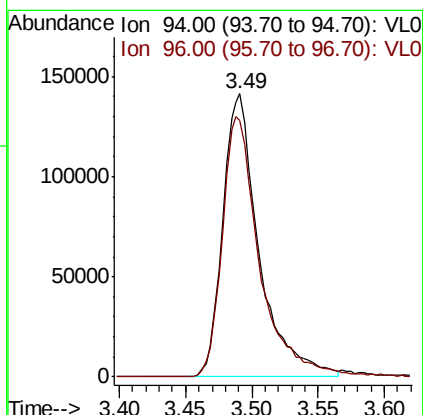
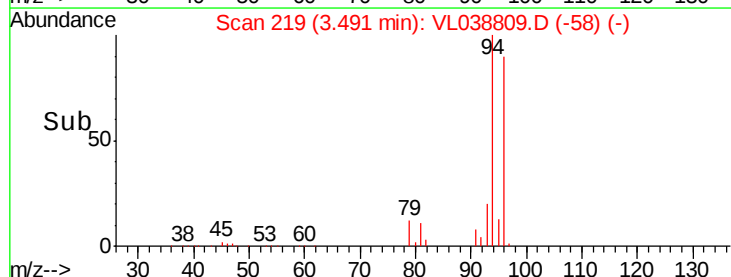
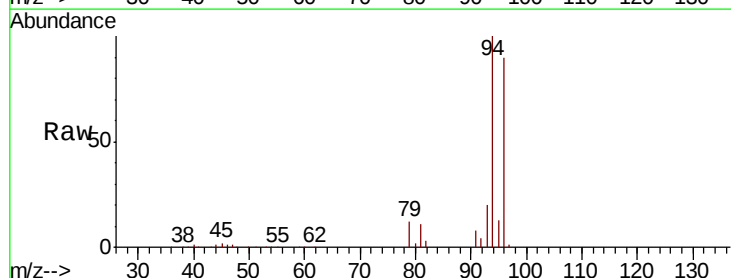
Acq: 31 Mar 2022 9:44

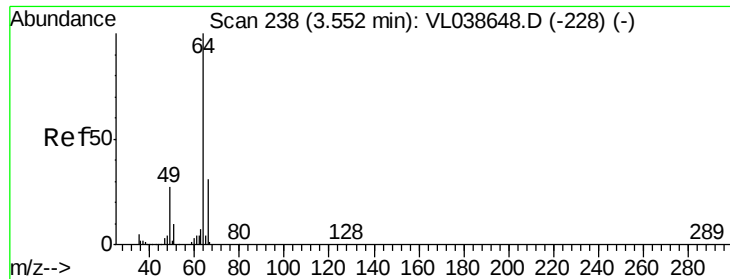
Tgt Ion: 94 Resp: 268085

Ion Ratio Lower Upper

94 100

96 90.5 73.3 109.9





#7

Chloroethane

Concen: 10.677 ppbv

RT: 3.57 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 31 Mar 2022 9:44

Tot Ion:

Ion Ratio

64 100

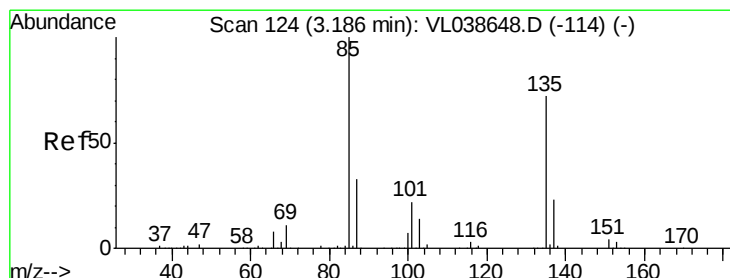
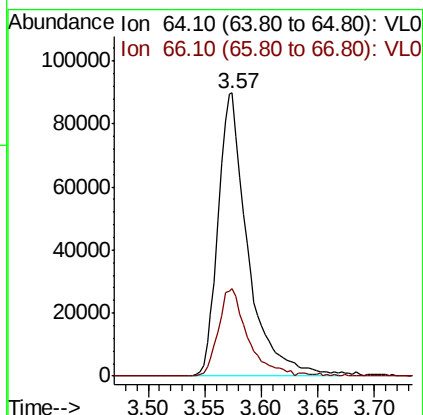
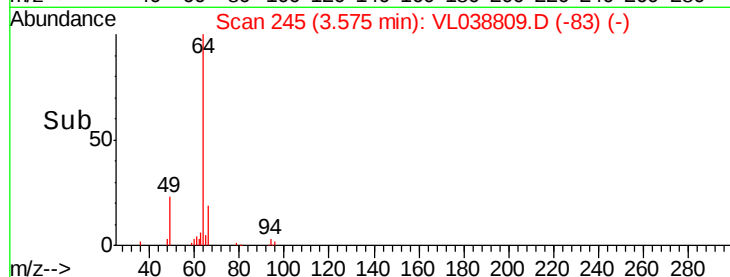
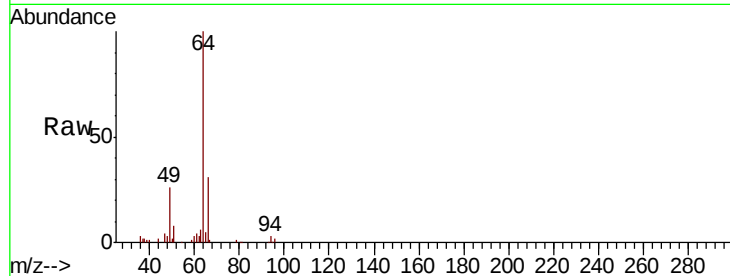
66 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#8

Dichlorotetrafluoroethane

Concen: 10.275 ppbv

RT: 3.20 min Scan# 129

Delta R.T. 0.02 min

Lab File: VL038809.D

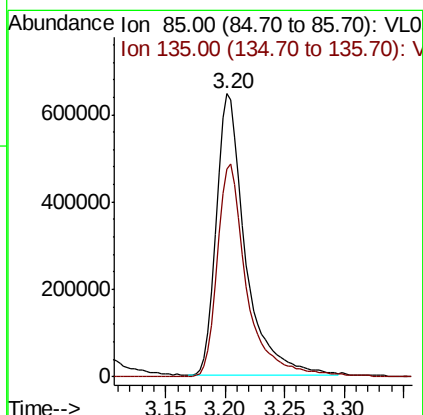
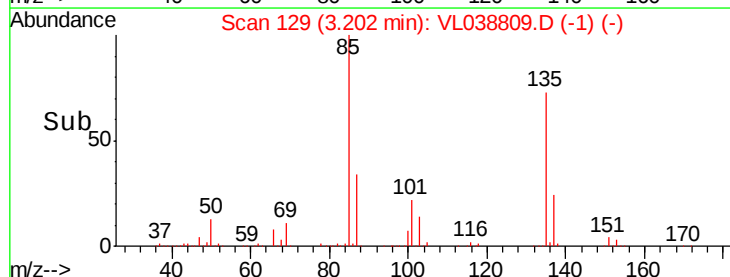
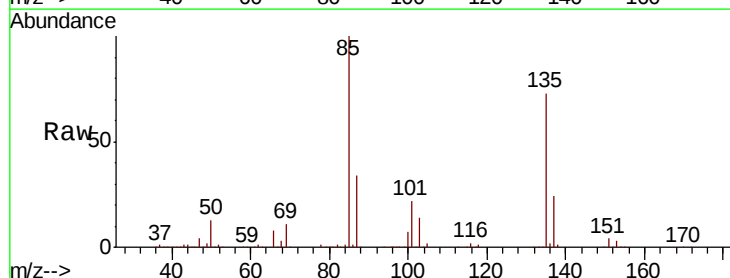
Acq: 31 Mar 2022 9:44

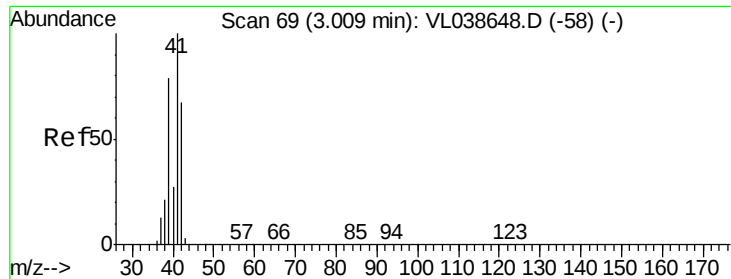
Tgt Ion: 85 Resp: 1091519

Ion Ratio Lower Upper

85 100

135 77.7 57.8 86.6





#9

Propene

Concen: 10.434 ppbv

RT: 3.02 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 31 Mar 2022 9:44

Tot Ion:

Ion Ratio

41 100

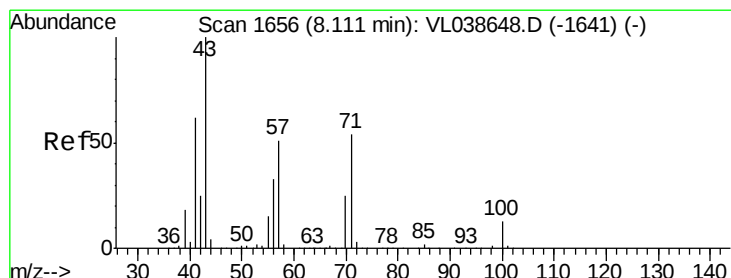
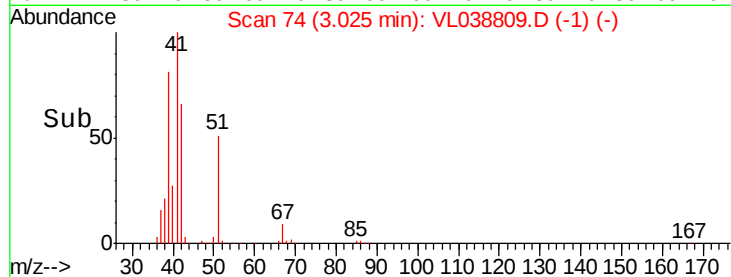
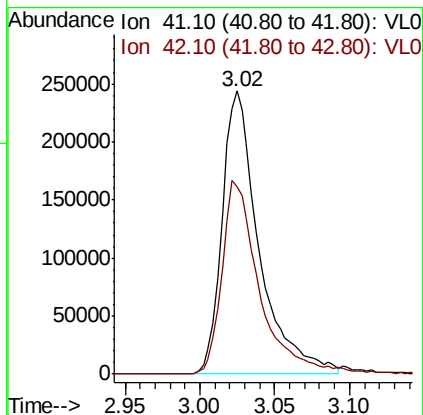
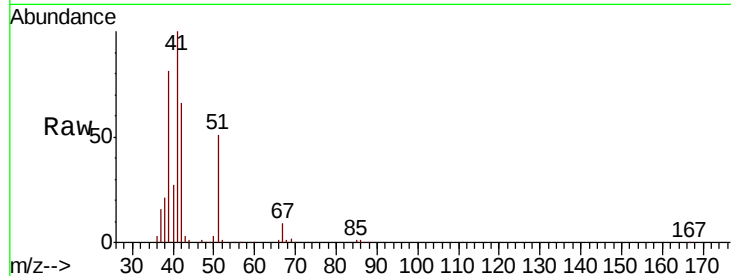
42 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#10

Heptane

Concen: 11.496 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.03 min

Lab File: VL038809.D

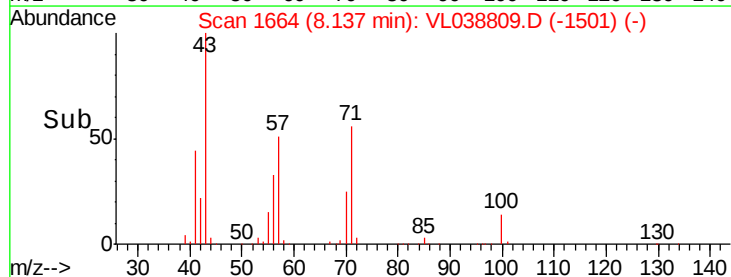
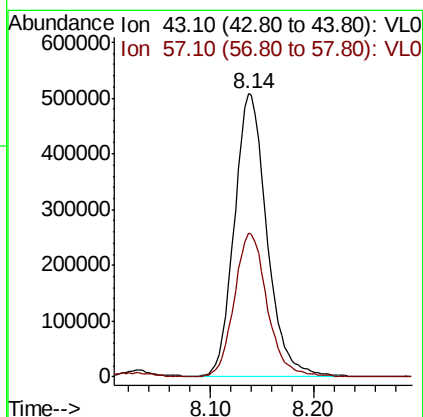
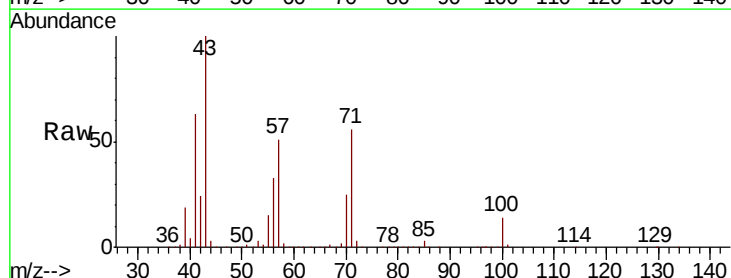
Acq: 31 Mar 2022 9:44

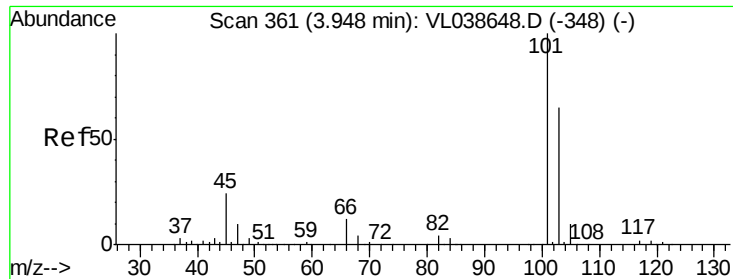
Tgt Ion: 43 Resp: 1109040

Ion Ratio Lower Upper

43 100

57 51.5 41.4 62.2



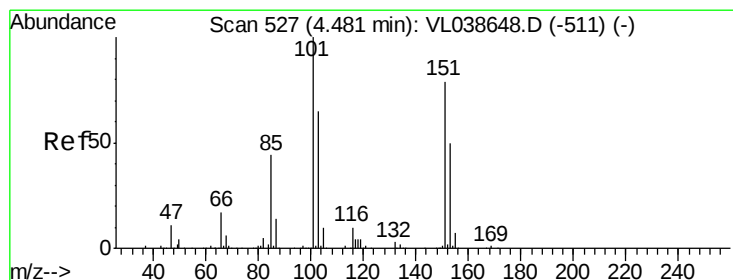
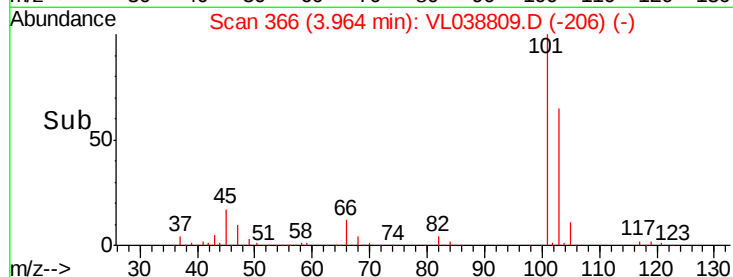
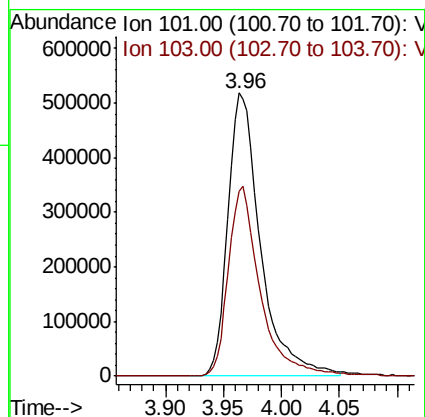
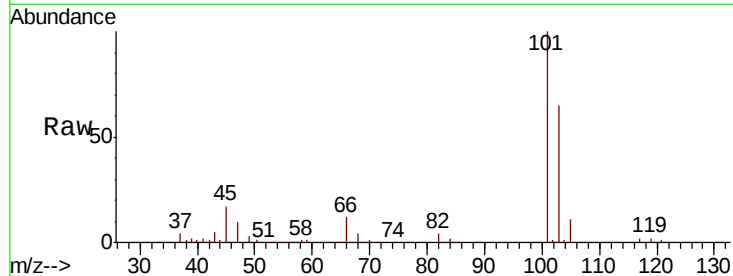


#11
 Trichlorofluoromethane
 Concen: 10.752 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 31 Mar 2022 9:44

Tot Ion:1
 Ion Rati
 101 100
 103 65.

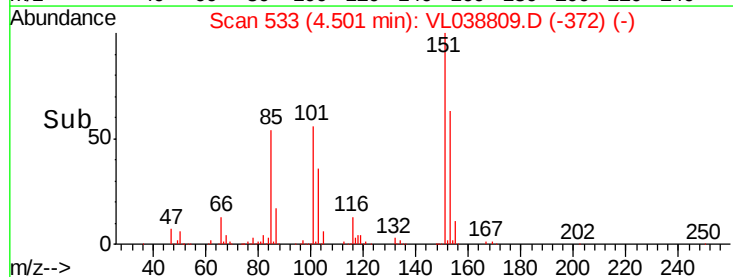
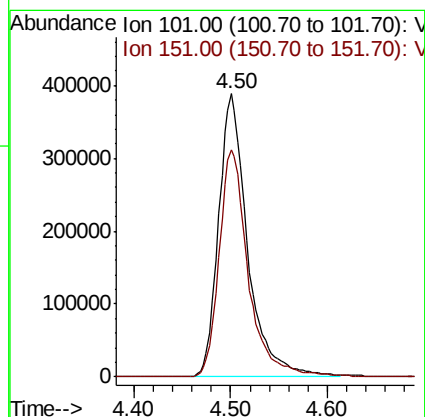
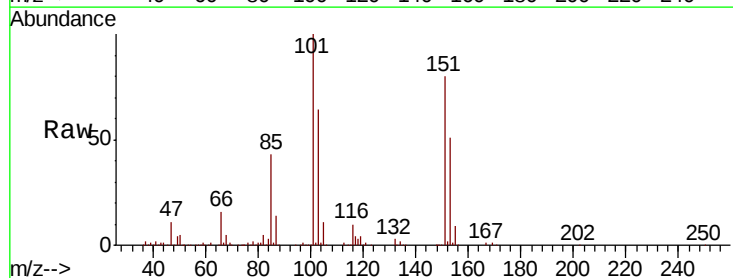
Manual Integrations
 APPROVED

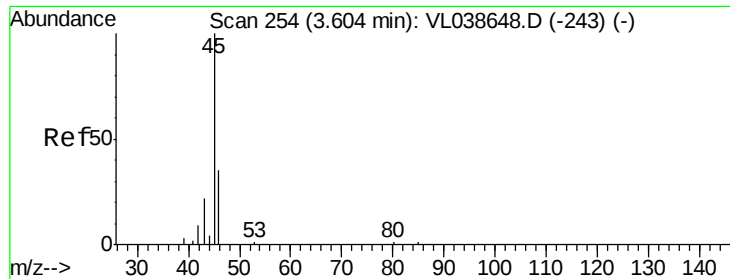
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.220 ppbv
 RT: 4.50 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VL038809.D
 Acq: 31 Mar 2022 9:44

Tgt Ion:101 Resp: 811026
 Ion Ratio Lower Upper
 101 100
 151 80.8 62.9 94.3



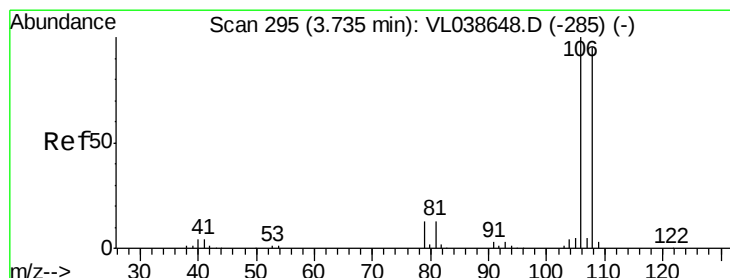
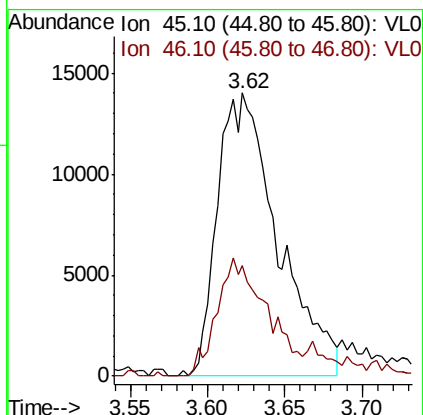
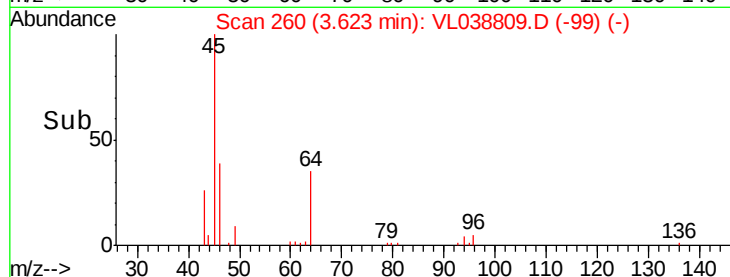
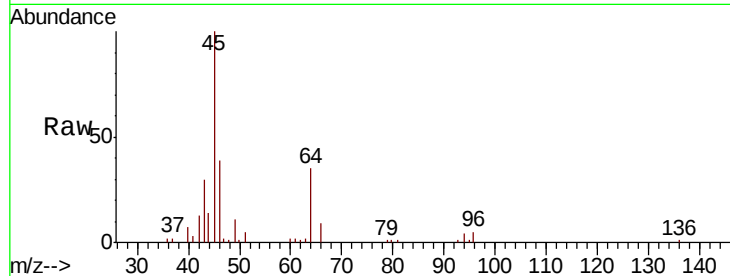


#13
Ethanol
Concen: 8.539 ppbv m
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0330ABS02
Acq: 31 Mar 2022 9:44

Tot Ion:
Ion Ratio
45 100
46 0.

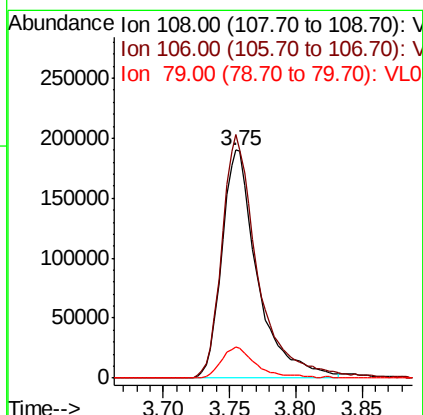
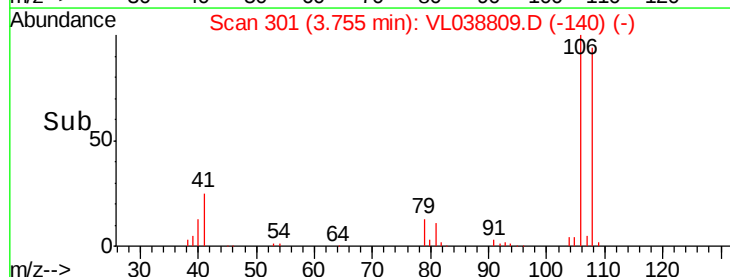
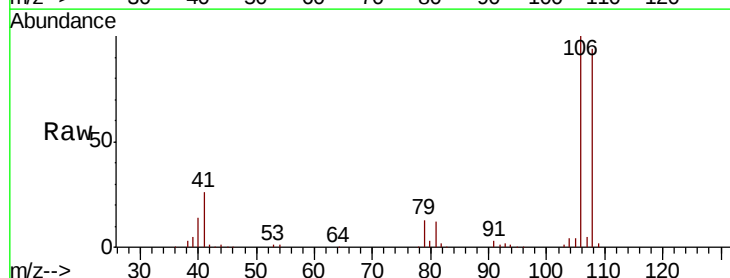
Manual Integrations
APPROVED

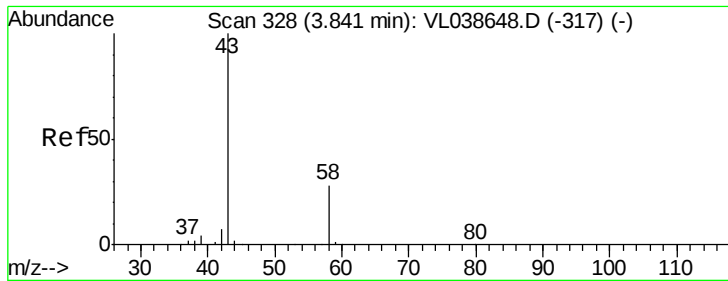
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#14
Bromoethene
Concen: 11.066 ppbv
RT: 3.75 min Scan# 301
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:108 Resp: 355496
Ion Ratio Lower Upper
108 100
106 108.4 88.3 132.5
79 13.9 11.2 16.8



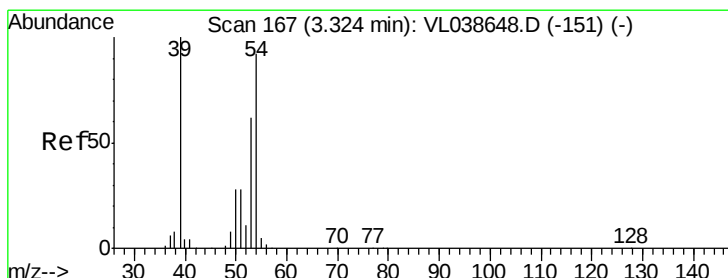
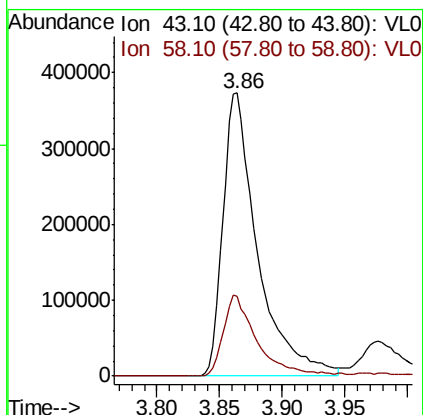
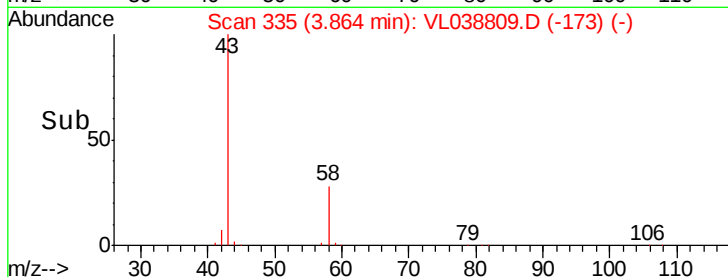
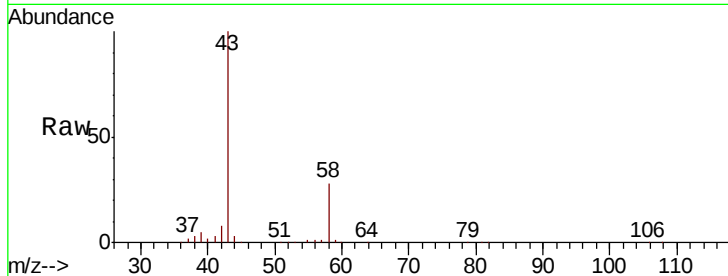


#15
Acetone
Concen: 10.472 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 31 Mar 2022 9:44

Tot Ion:
Ion Ratio
43 100
58 28.

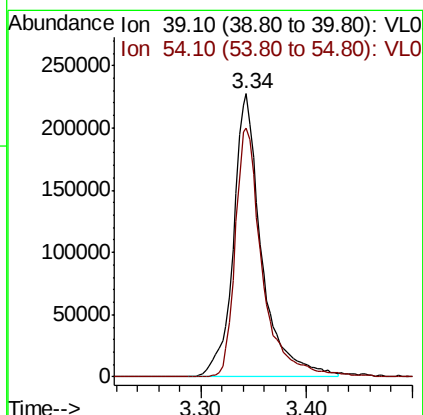
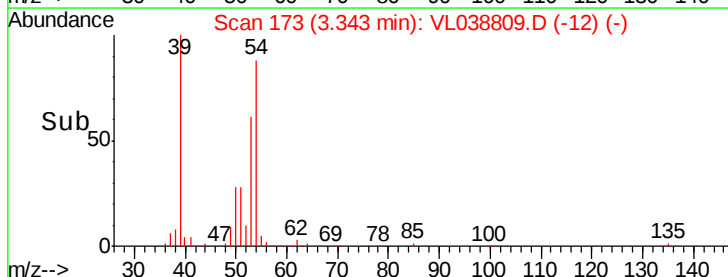
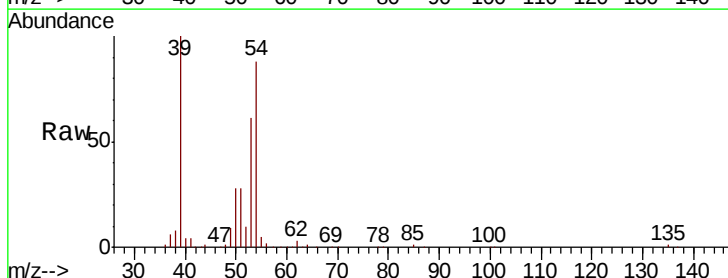
Manual Integrations
APPROVED

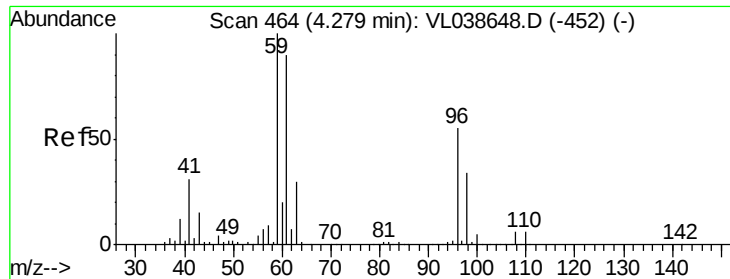
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#16
1,3-Butadiene
Concen: 10.828 ppbv
RT: 3.34 min Scan# 173
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 39 Resp: 419655
Ion Ratio Lower Upper
39 100
54 85.5 69.1 103.7





#17

tert-Butyl alcohol

Concen: 11.697 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 31 Mar 2022 9:44

Tot Ion:

Ion Ratio

59 100

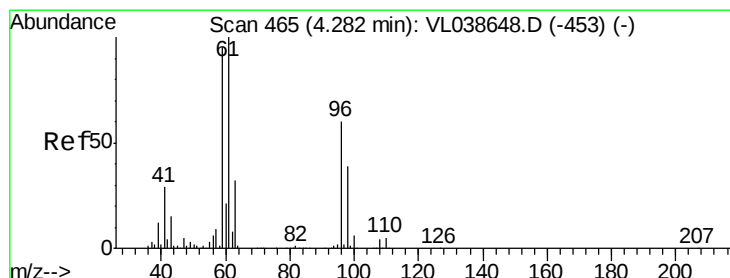
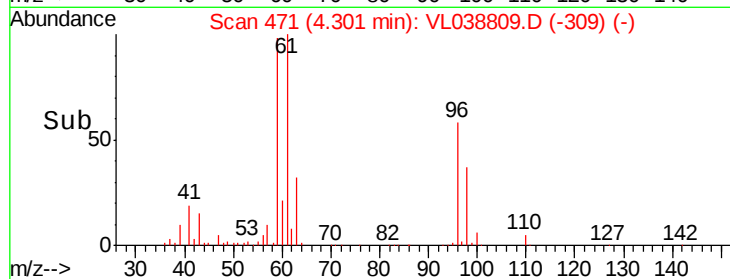
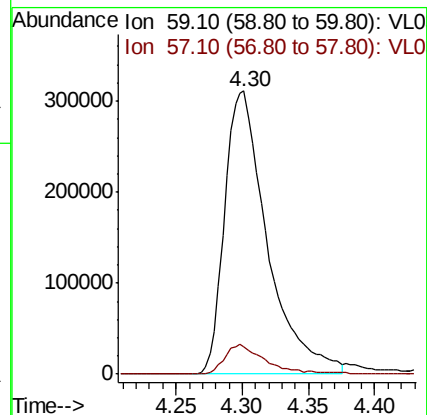
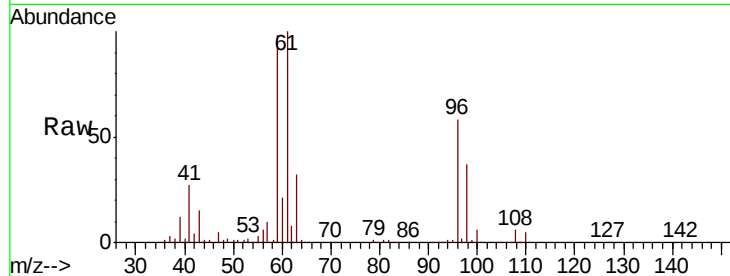
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#18

1,1-Dichloroethene

Concen: 11.391 ppbv

RT: 4.30 min Scan# 472

Delta R.T. 0.02 min

Lab File: VL038809.D

Acq: 31 Mar 2022 9:44

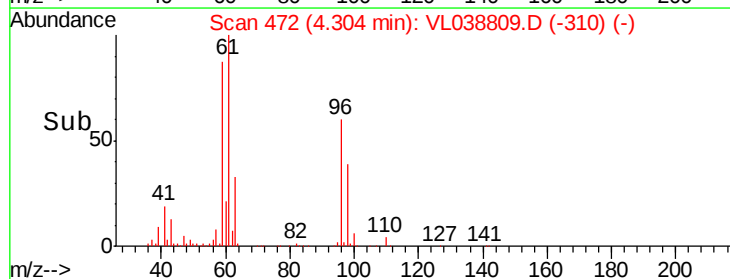
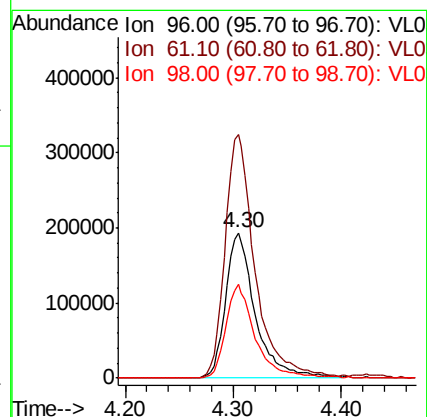
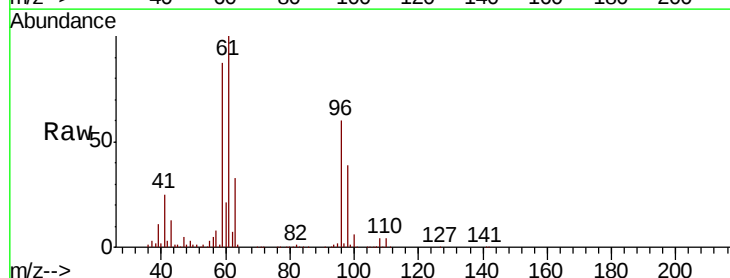
Tgt Ion: 96 Resp: 369900

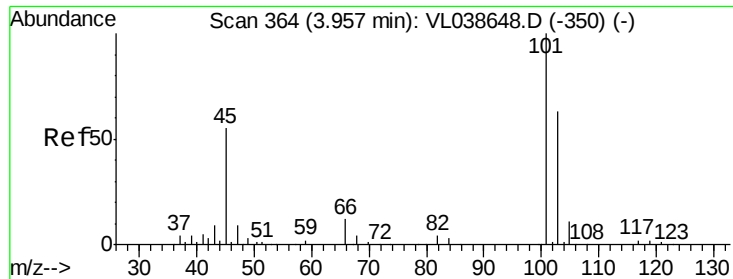
Ion Ratio Lower Upper

96 100

61 167.8 132.4 198.6

98 65.1 51.6 77.4





#19

Isopropyl Alcohol

Concen: 10.522 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 31 Mar 2022 9:44

Tot Ion:

Ion Ratio

45 100

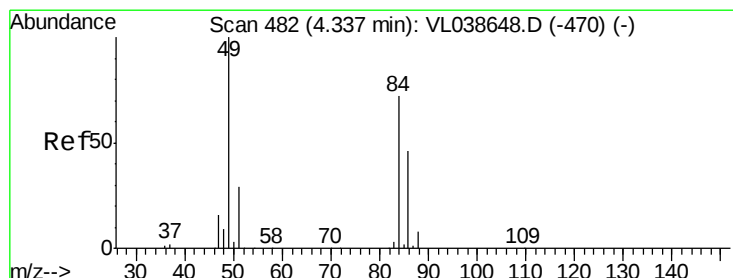
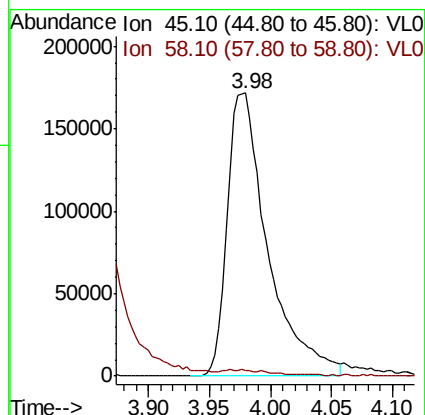
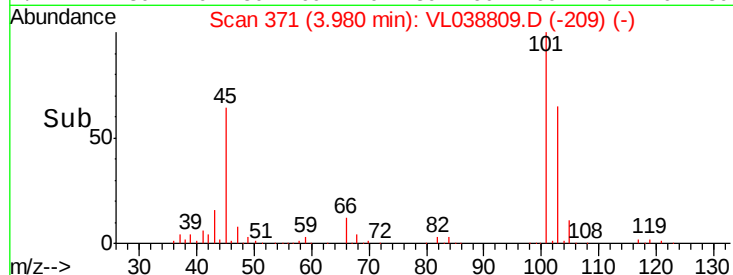
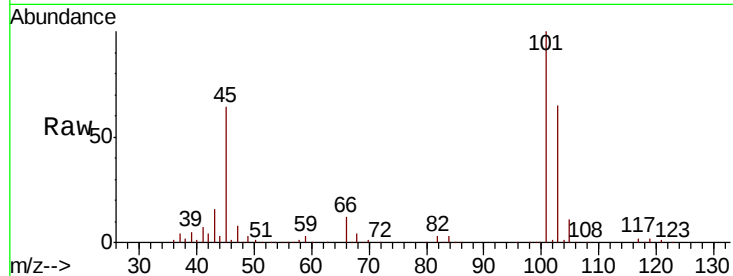
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#20

Methylene Chloride

Concen: 10.559 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.02 min

Lab File: VL038809.D

Acq: 31 Mar 2022 9:44

Tgt Ion: 84 Resp: 303722

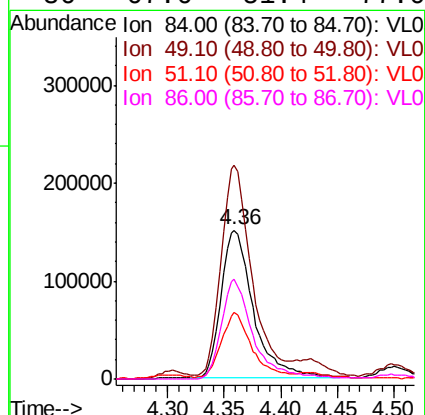
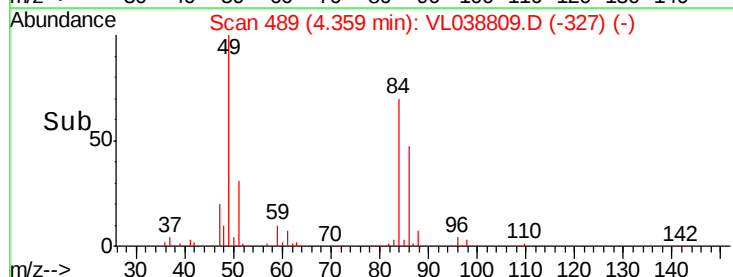
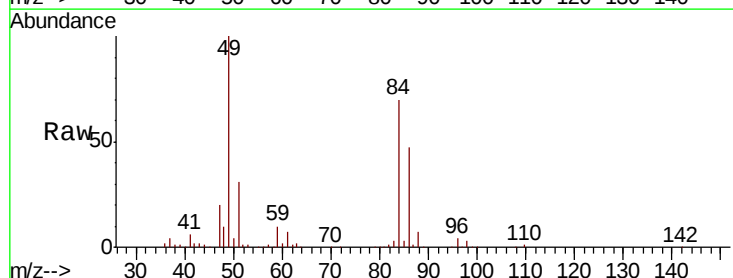
Ion Ratio Lower Upper

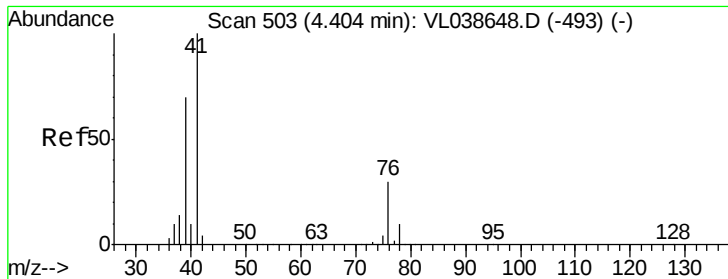
84 100

49 141.8 111.2 166.8

51 43.1 32.8 49.2

86 67.6 51.4 77.0



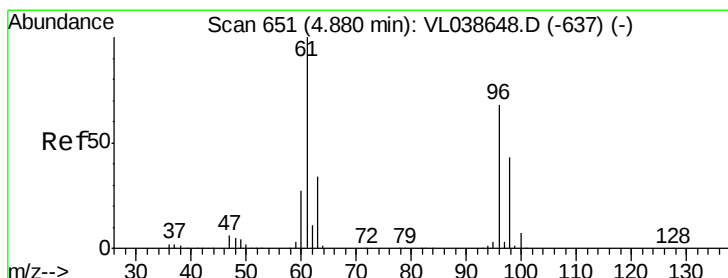
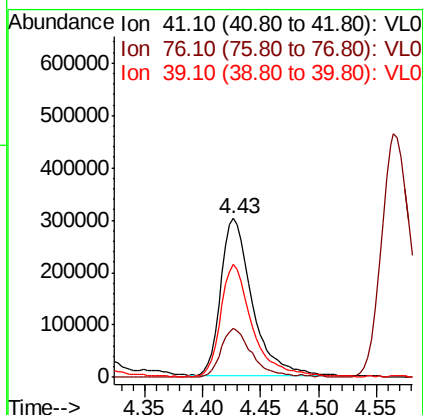
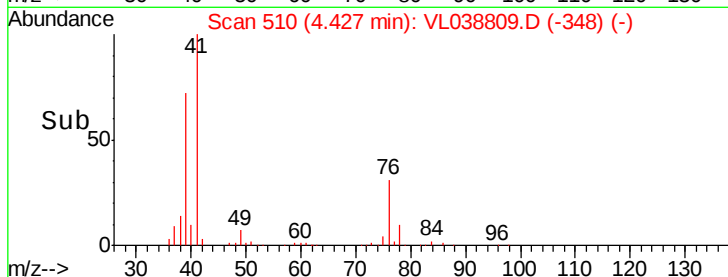
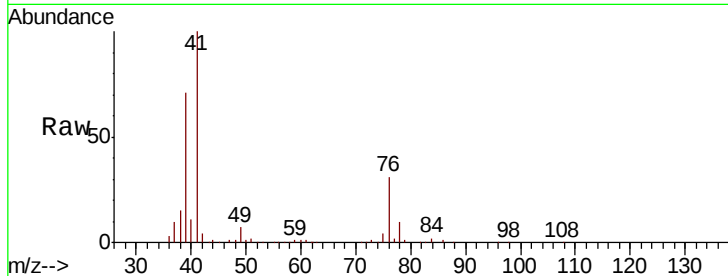


#21
 Allvl Chloride
 Concen: 11.362 ppbv
 RT: 4.43
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0330ABS02
 Acq: 31 Mar 2022 9:44

Tot Ion:
 Ion Rati
 41 100
 76 31.
 39 73.

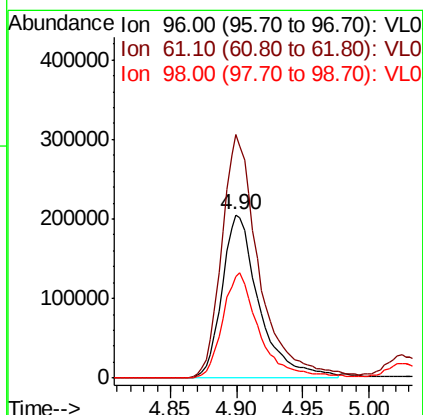
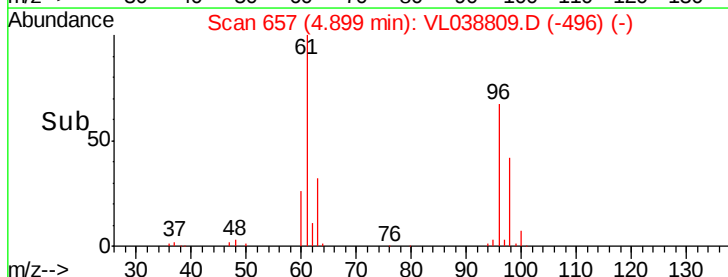
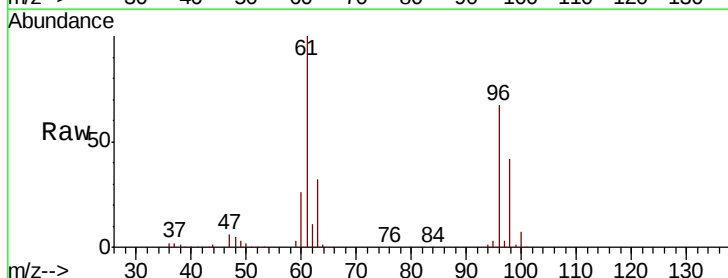
Manual Integrations
 APPROVED

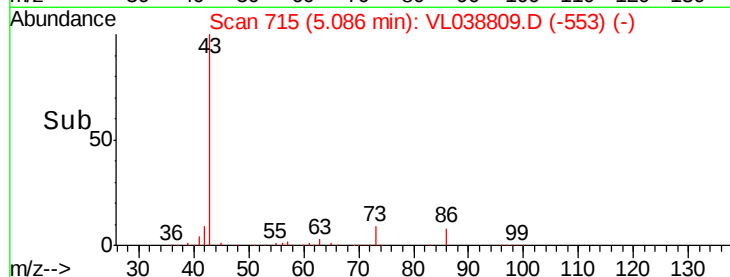
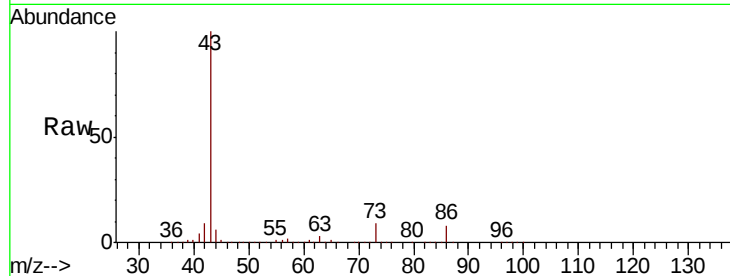
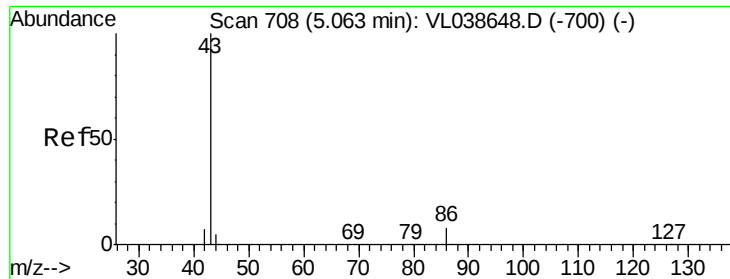
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.850 ppbv
 RT: 4.90 min Scan# 657
 Delta R.T. 0.02 min
 Lab File: VL038809.D
 Acq: 31 Mar 2022 9:44

Tgt Ion: 96 Resp: 399157
 Ion Ratio Lower Upper
 96 100
 61 148.8 118.3 177.5
 98 62.0 51.3 76.9



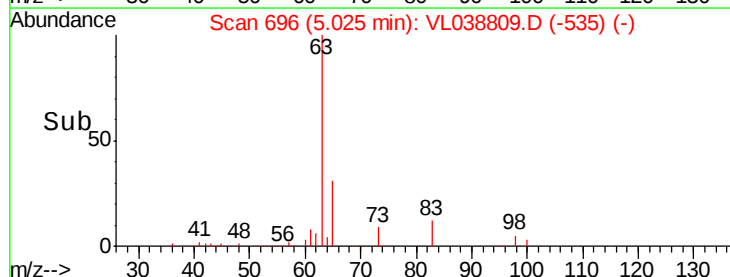
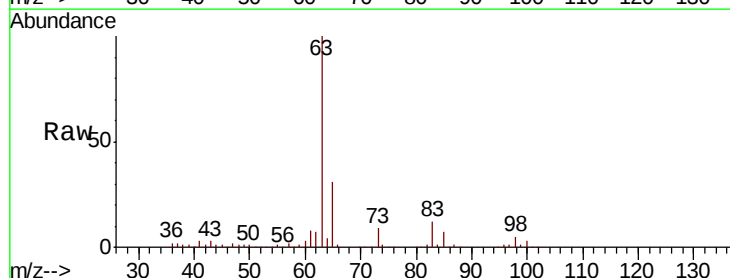
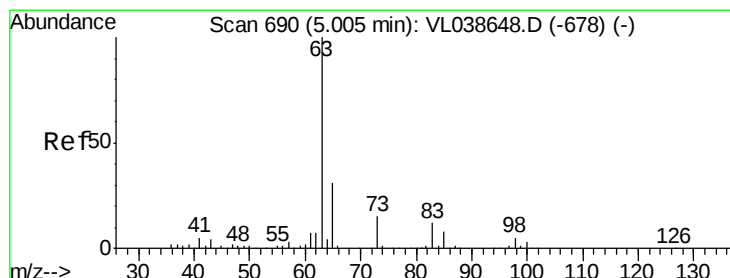
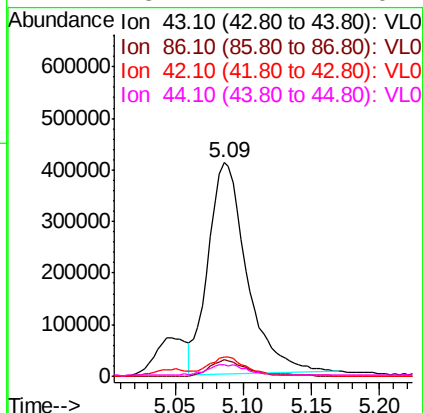


#23
 Vinyl Acetate
 Concen: 12.241 ppbv
 RT: 5.09
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0330ABS02
 Acq: 31 Mar 2022 9:44

Tot Ion:
 Ion Ratio
 43 100
 86 8.
 42 9.
 44 5.1 4.2 6.2

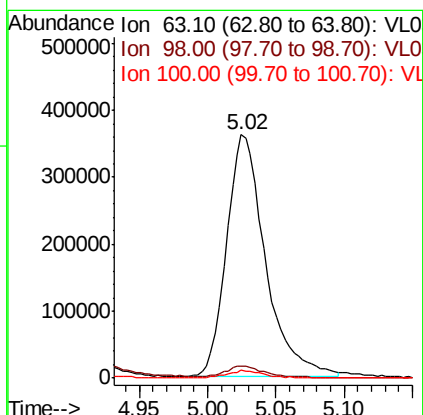
Manual Integrations
 APPROVED

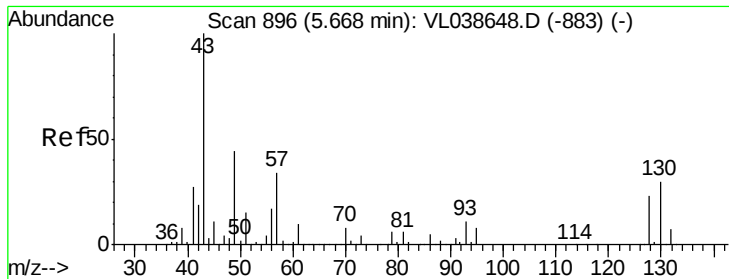
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#24
 1,1-Dichloroethane
 Concen: 10.994 ppbv
 RT: 5.02 min Scan# 696
 Delta R.T. 0.02 min
 Lab File: VL038809.D
 Acq: 31 Mar 2022 9:44

Tgt Ion: 63 Resp: 716030
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.5 7.5
 100 3.1 1.4 4.2



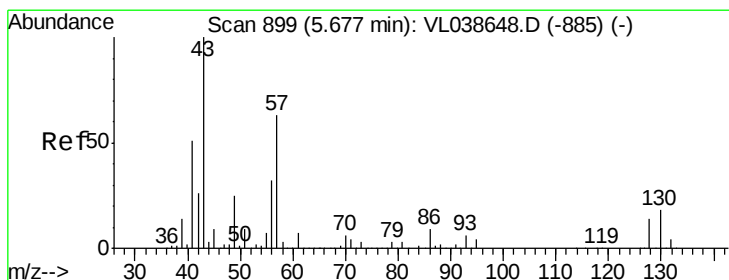
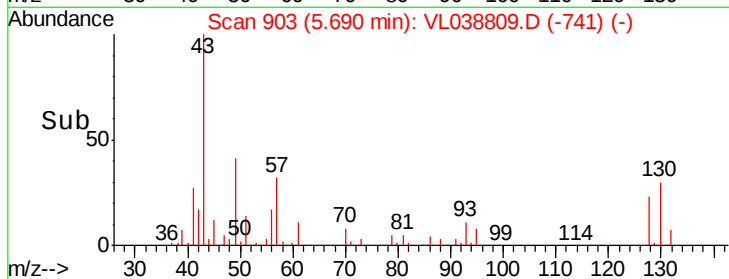
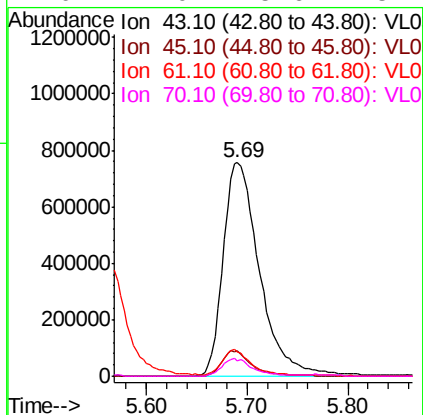
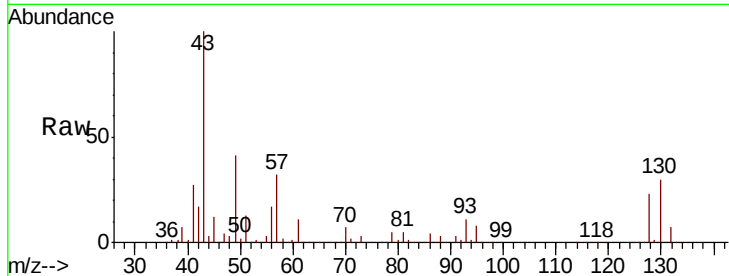


#25
Ethyl Acetate
Concen: 11.028 ppbv
RT: 5.69 min
Instrument: MSVOA_1
Delta R.T.: 0.03 min
Lab File: VL0330ABS02
Acq: 31 Mar 2022 9:44

Tot Ion: 43.10 (42.80 to 43.80): VL0
Ion Ratio: 43 100, 45 10.0, 61 10.0, 70 7.0, 5.6, 8.4

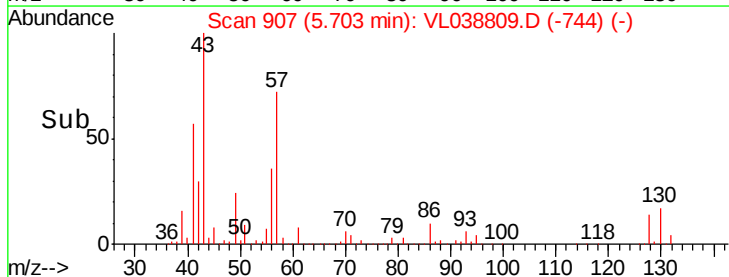
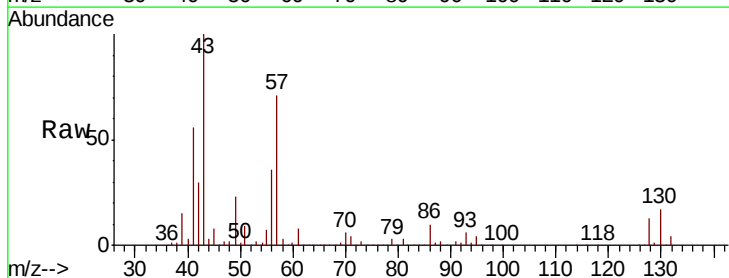
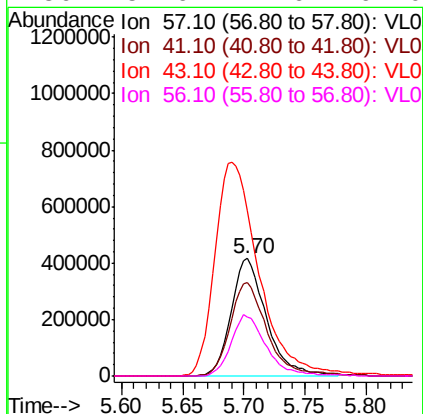
Manual Integrations
APPROVED

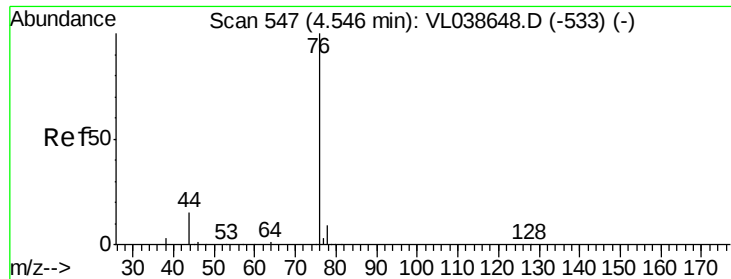
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#26
Hexane
Concen: 10.861 ppbv
RT: 5.70 min Scan# 907
Delta R.T.: 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 57 Resp: 835886
Ion Ratio Lower Upper
57 100
41 84.0 67.0 100.4
43 228.6 184.2 276.2
56 52.6 42.6 64.0



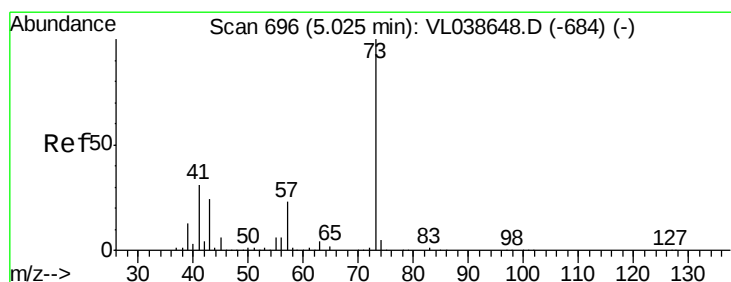
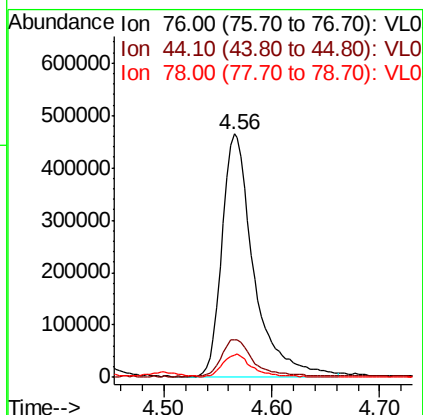
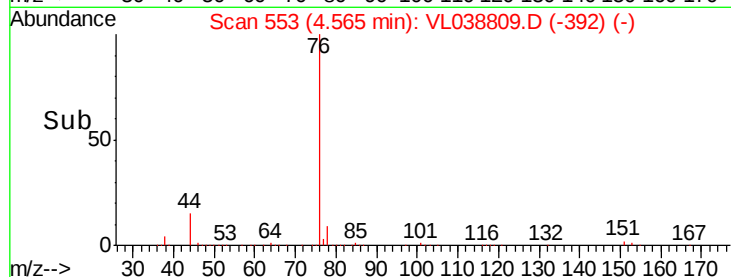
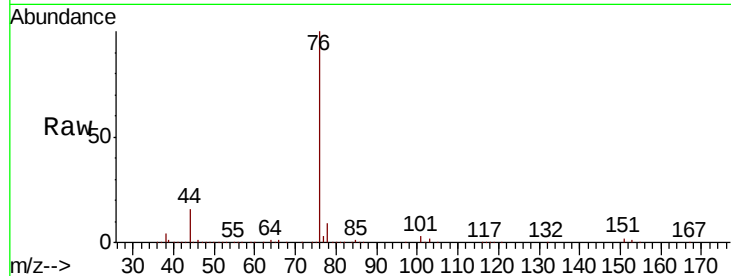


#27
Carbon Disulfide
Concen: 12.592 ppbv
RT: 4.56
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VL0330ABS02
Acq: 31 Mar 2022 9:44

Tot Ion:
Ion Ratio
76 100
44 15.
78 9.

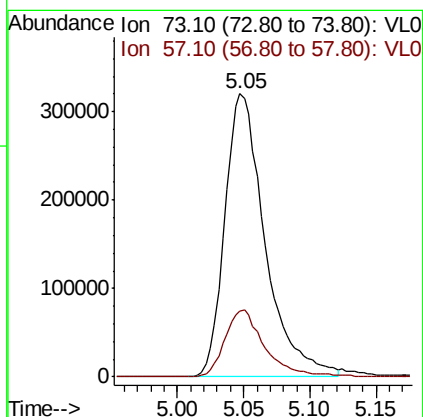
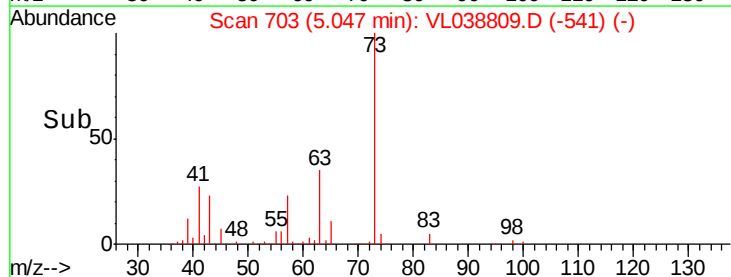
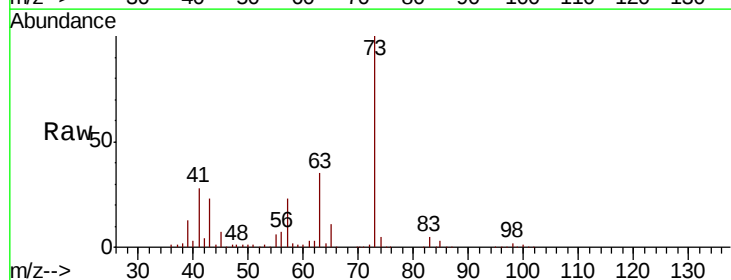
Manual Integrations
APPROVED

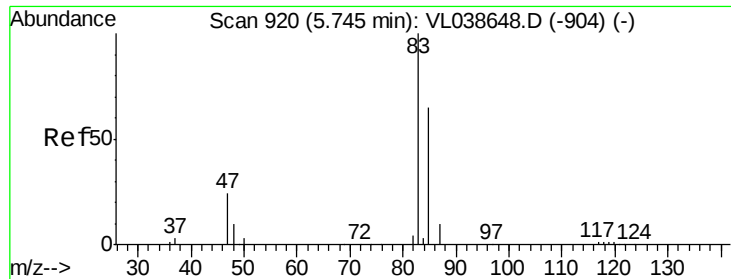
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#28
Methyl tert-Butyl Ether
Concen: 11.811 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 73 Resp: 677172
Ion Ratio Lower Upper
73 100
57 23.8 19.2 28.8



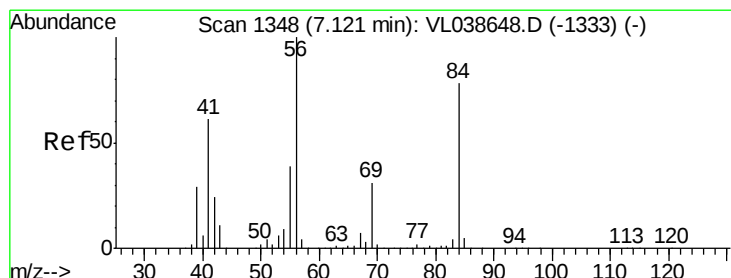
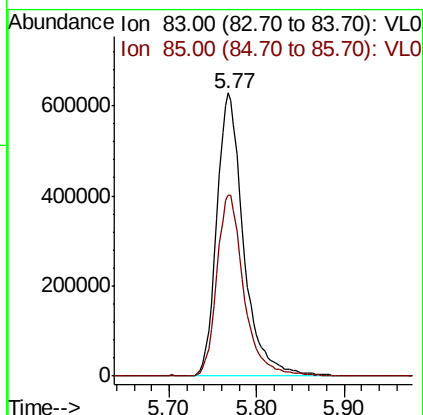
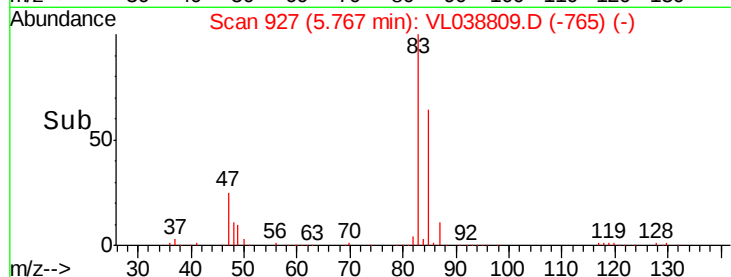
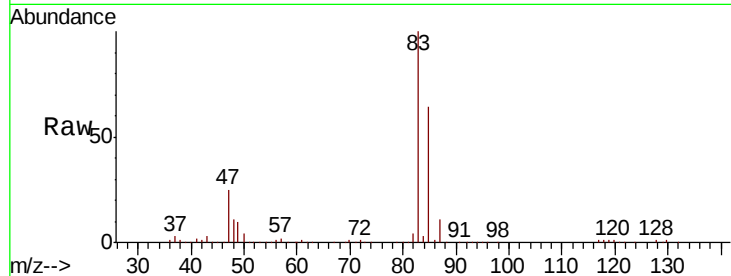


#29
Chloroform
Concen: 10.819 ppbv
RT: 5.77
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 31 Mar 2022 9:44

Tot Ion:
Ion Ratio
83 100
85 63.

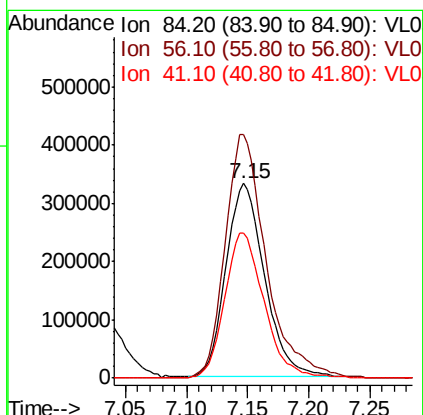
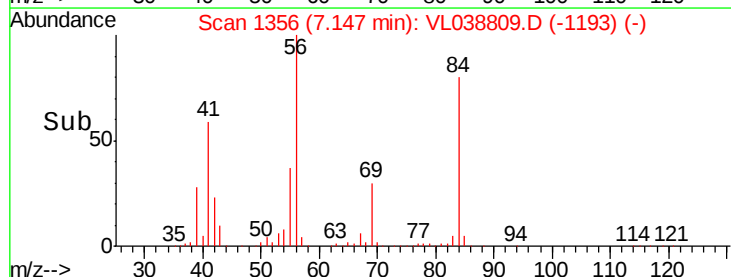
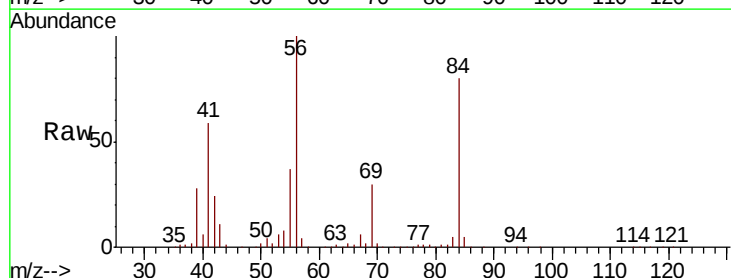
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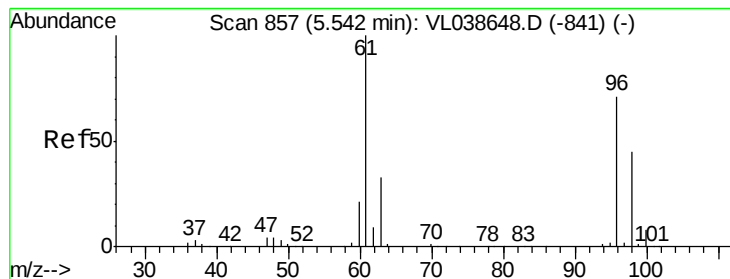
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#30
Cyclohexane
Concen: 10.982 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 84 Resp: 734942
Ion Ratio Lower Upper
84 100
56 134.5 108.2 162.4
41 77.1 61.8 92.6





#31

cis-1,2-Dichloroethene

Concen: 11.250 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 31 Mar 2022 9:44 VL0330ABS02

Tot Ion:

Ion Ratio

61 100

96 71.

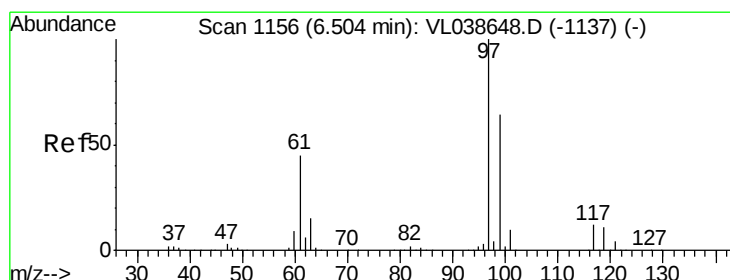
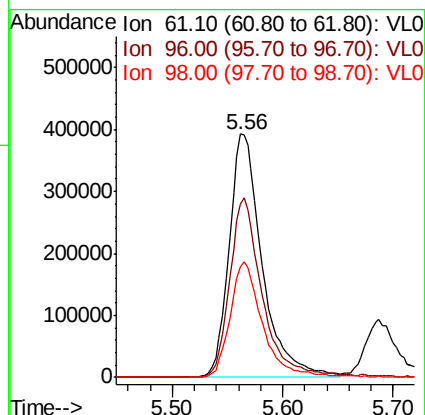
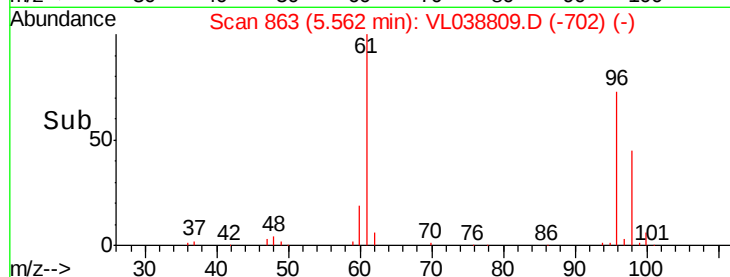
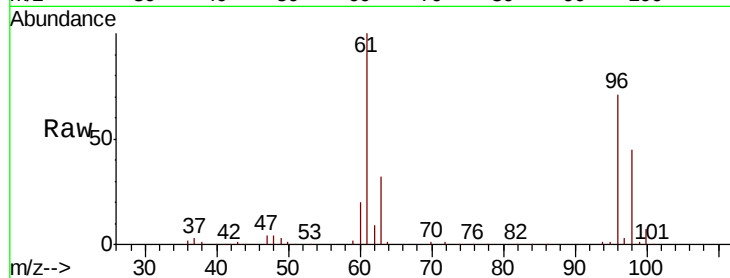
98 45.

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APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#32

1,1,1-Trichloroethane

Concen: 11.109 ppbv

RT: 6.53 min Scan# 1164

Delta R.T. 0.03 min

Lab File: VL038809.D

Acq: 31 Mar 2022 9:44

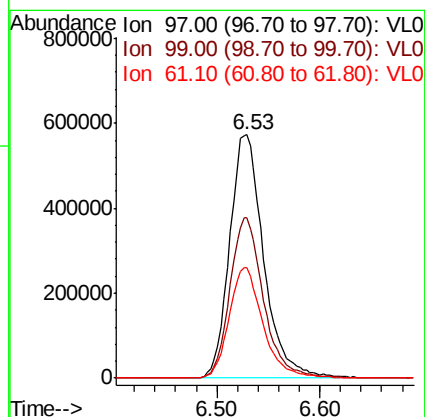
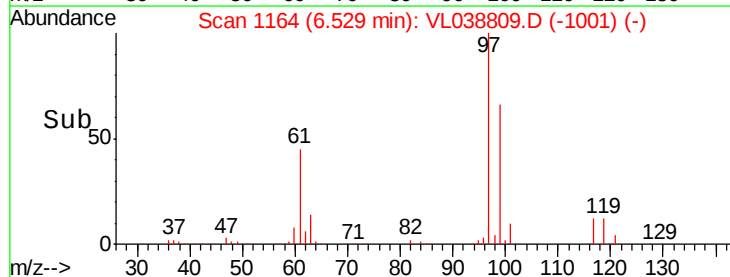
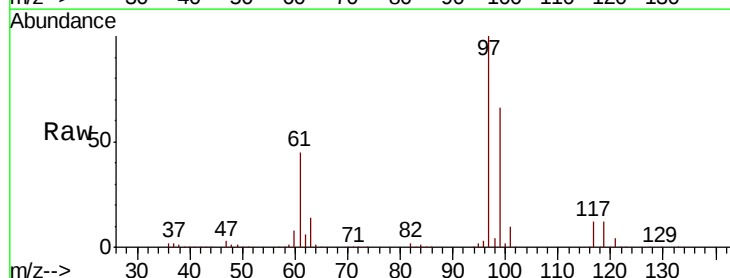
Tgt Ion: 97 Resp: 1321148

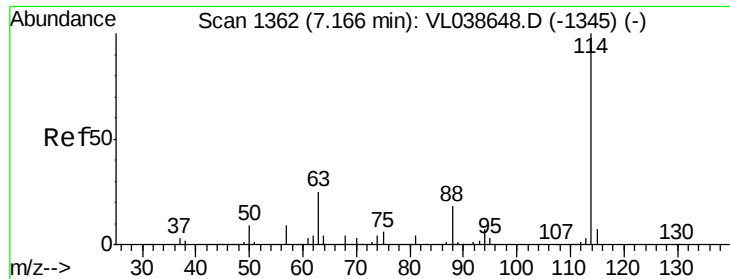
Ion Ratio Lower Upper

97 100

99 65.2 51.8 77.8

61 45.3 36.7 55.1



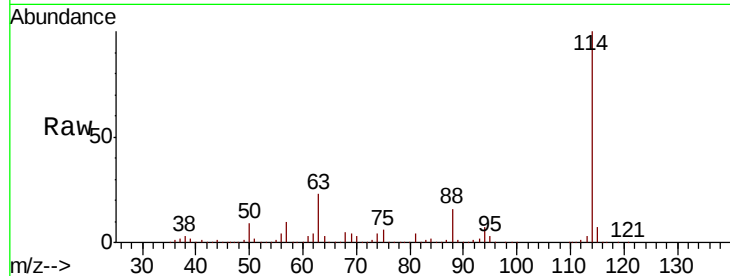


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0330ABS02
 Acq: 31 Mar 2022 9:44

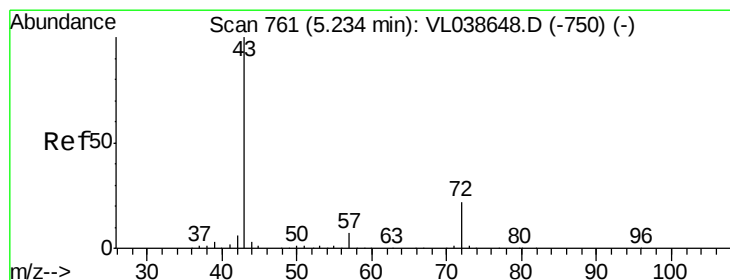
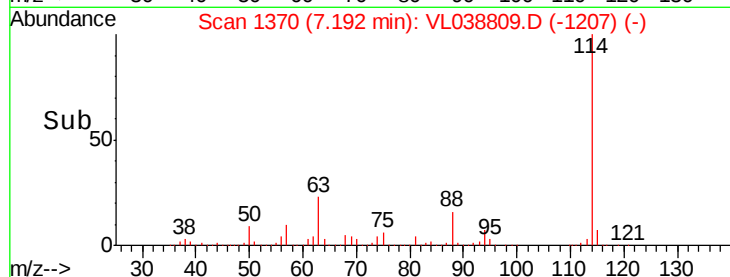
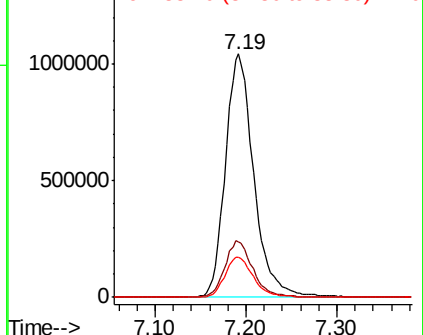
Tot Ion: 1
 Ion Ratio
 114 100
 63 23.1
 88 16.6

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Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/04/2022

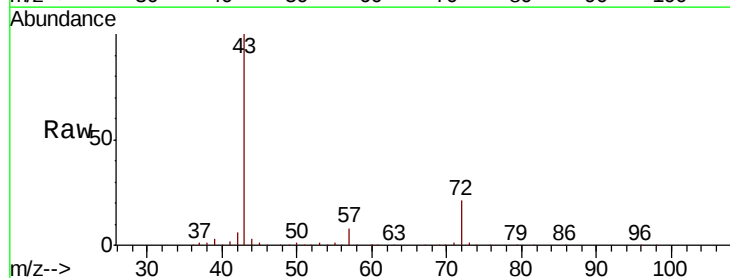


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

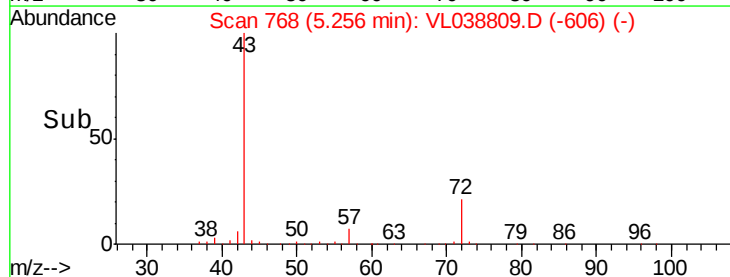
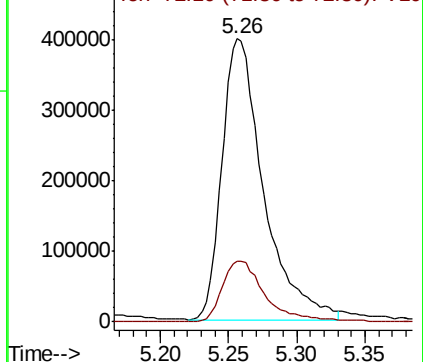


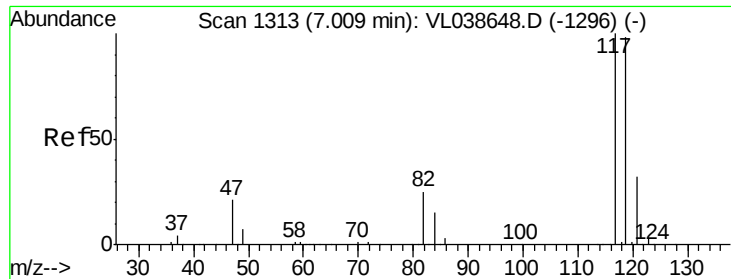
#34
 2-Butanone
 Concen: 9.403 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T.: 0.02 min
 Lab File: VL038809.D
 Acq: 31 Mar 2022 9:44

Tgt Ion: 43 Resp: 841433
 Ion Ratio Lower Upper
 43 100
 72 23.1 17.8 26.8



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



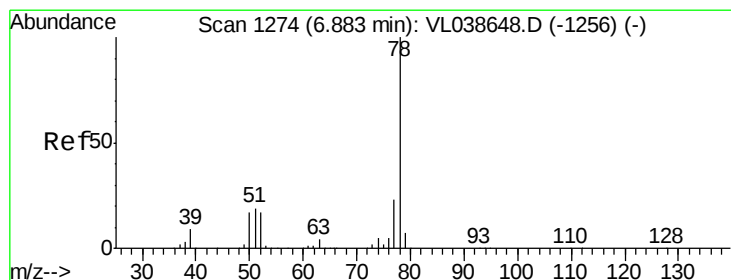
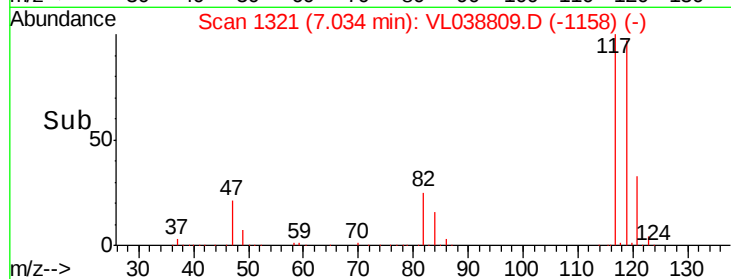
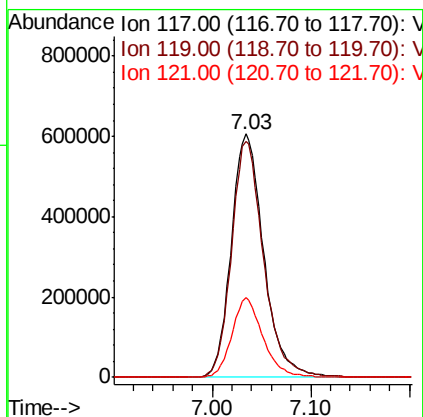
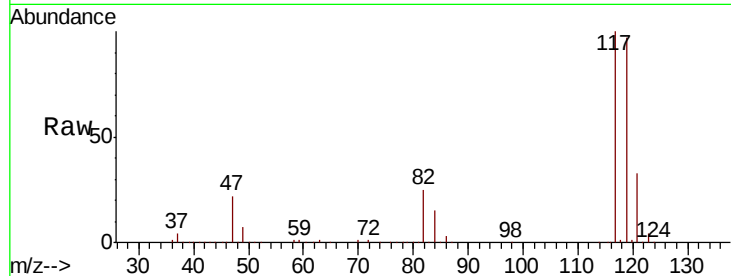


#35
Carbon Tetrachloride
Concen: 10.555 ppbv
RT: 7.03
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 31 Mar 2022 9:44

Tot Ion:1
Ion Rati
117 100
119 96.
121 32.

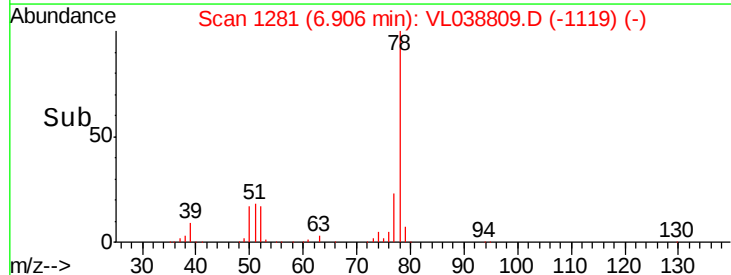
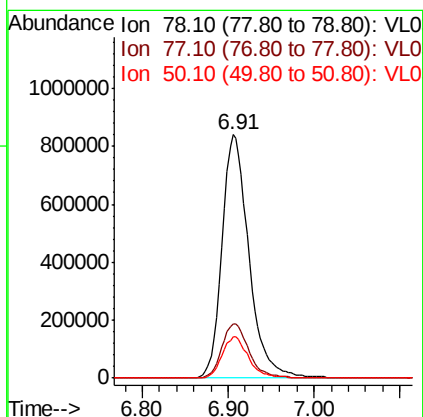
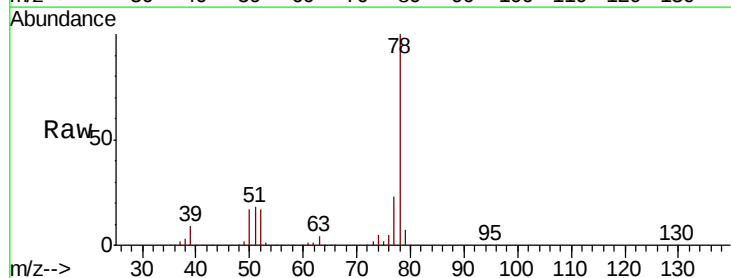
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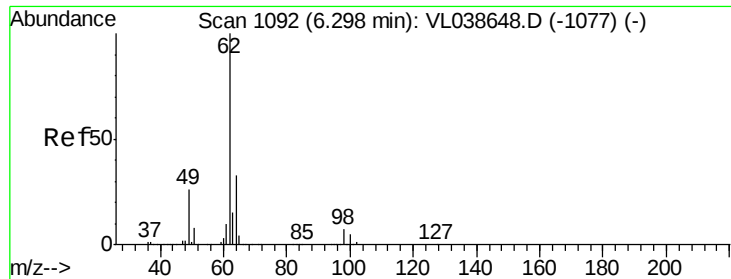
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#36
Benzene
Concen: 10.479 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 78 Resp: 1828528
Ion Ratio Lower Upper
78 100
77 22.5 18.1 27.1
50 16.7 13.6 20.4



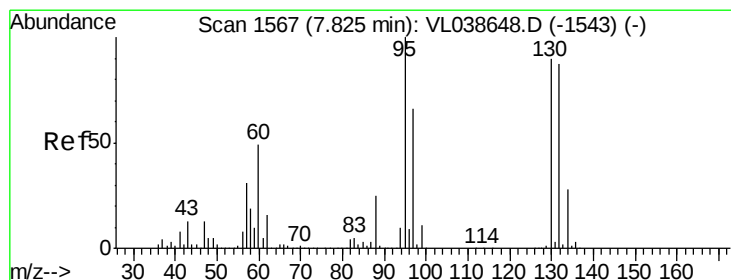
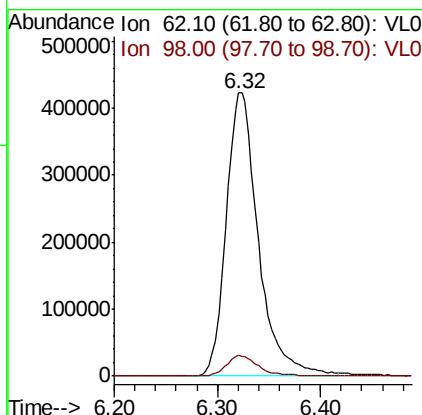
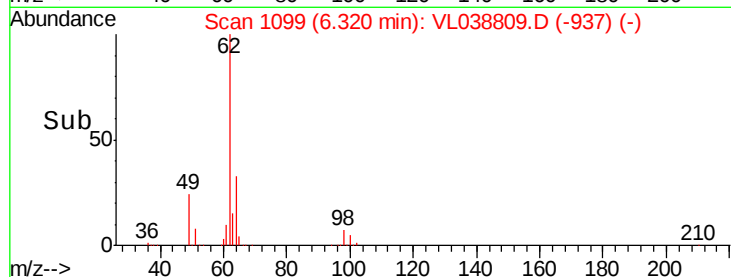
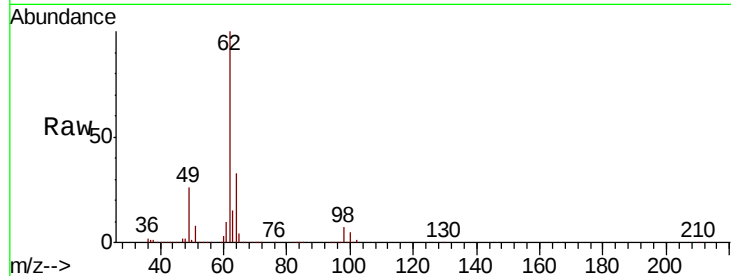


#37
 1,2-Dichloroethane
 Concen: 10.349 ppbv
 RT: 6.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0330ABS02
 Acq: 31 Mar 2022 9:44

Tot Ion:
 Ion Ratio
 62 100
 98 7.

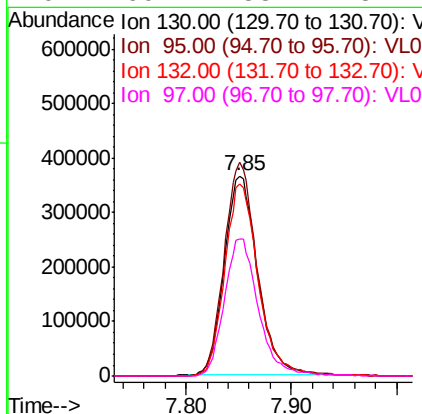
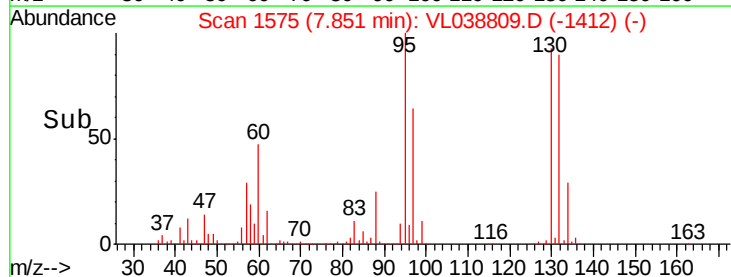
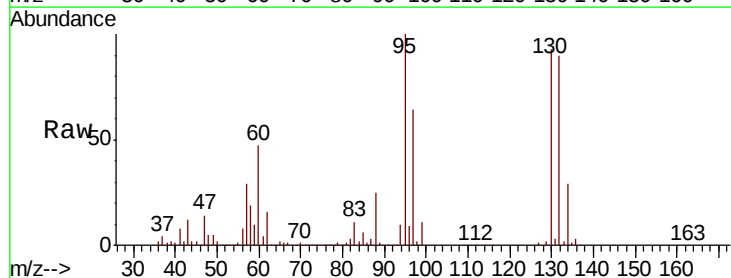
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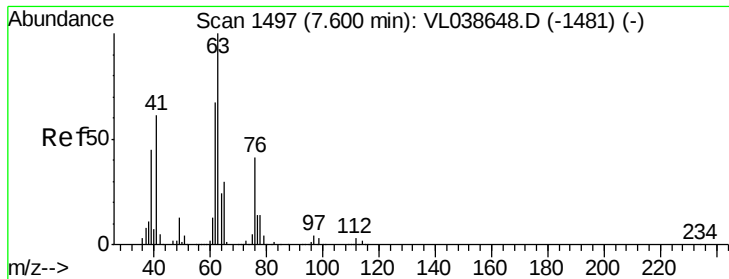
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#38
 Trichloroethene
 Concen: 10.900 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.03 min
 Lab File: VL038809.D
 Acq: 31 Mar 2022 9:44

Tgt Ion:130 Resp: 796771
 Ion Ratio Lower Upper
 130 100
 95 107.4 88.9 133.3
 132 96.7 77.4 116.0
 97 69.2 58.2 87.4



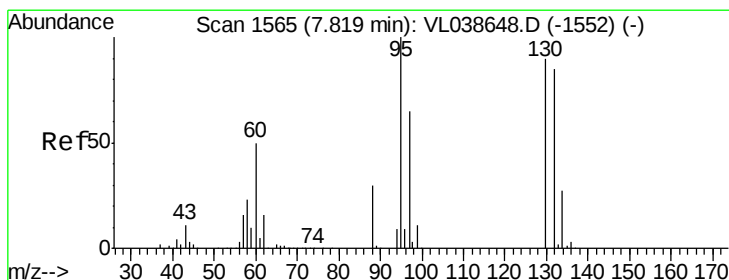
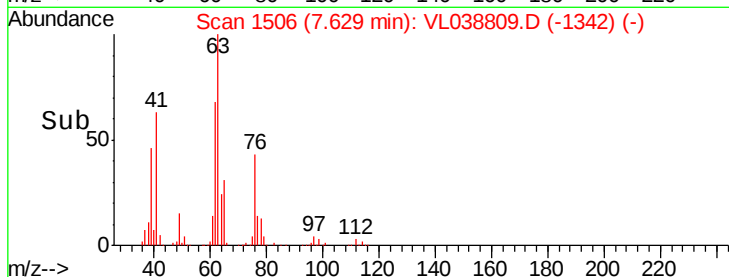
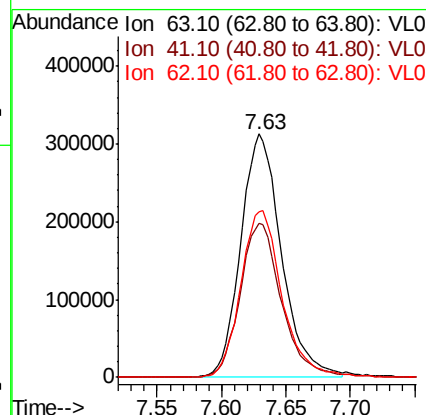
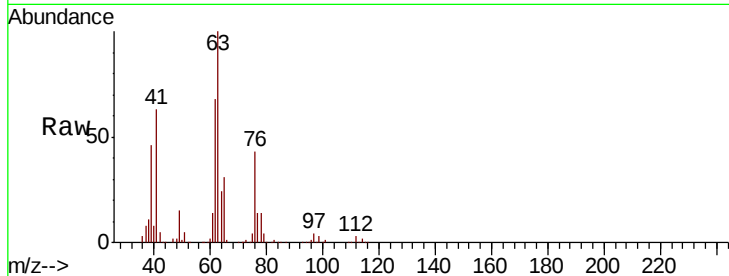


#39
 1,2-Dichloropropane
 Concen: 10.091 ppbv
 RT: 7.63
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0330ABS02
 Acq: 31 Mar 2022 9:44

Tot Ion:
 Ion Ratio
 63 100
 41 63.
 62 67.

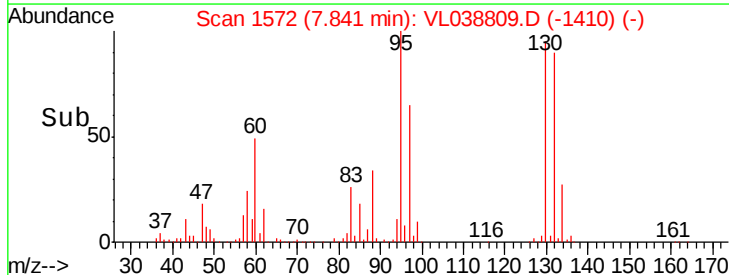
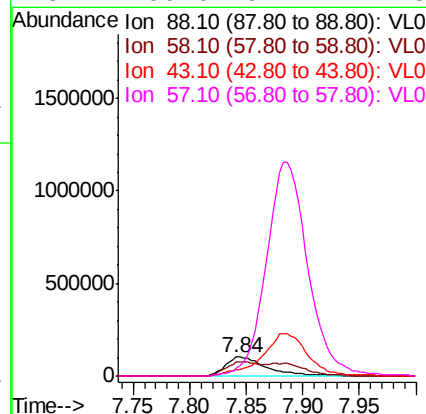
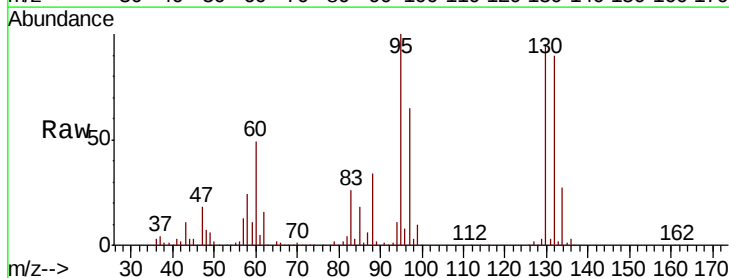
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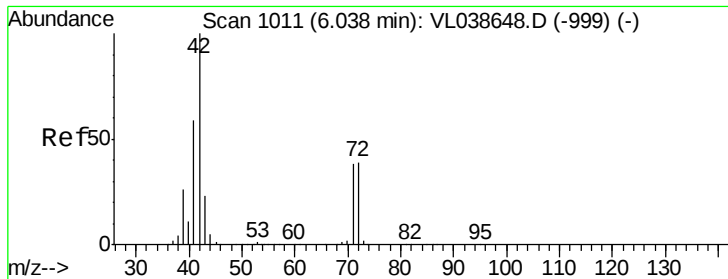
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#40
 1,4-Dioxane
 Concen: 10.778 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.02 min
 Lab File: VL038809.D
 Acq: 31 Mar 2022 9:44

Tgt Ion: 88 Resp: 255327
 Ion Ratio Lower Upper
 88 100
 58 125.3 105.6 158.4
 43 251.3 201.9 302.9
 57 1160.6 942.1 1413.1



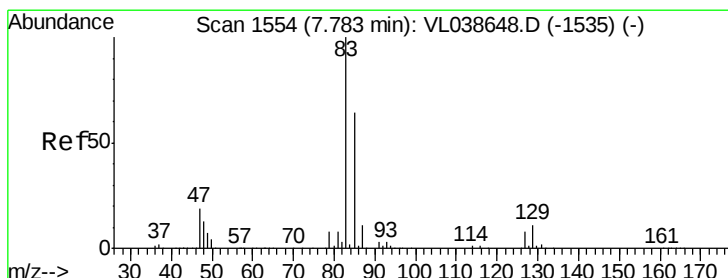
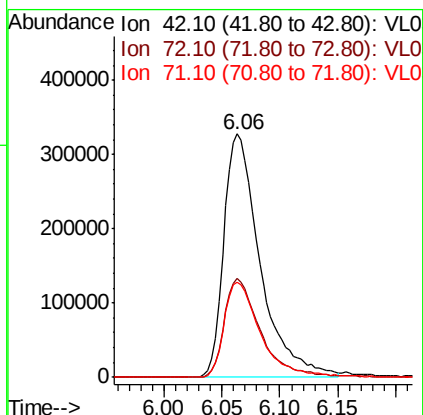
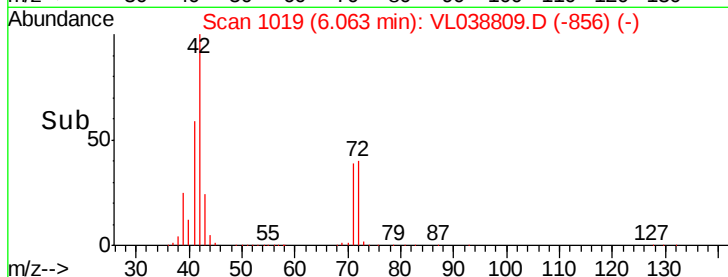
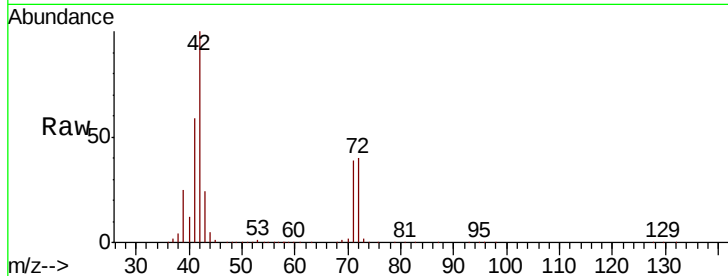


#41
Tetrahydrofuran
Concen: 10.740 ppbv
RT: 6.06
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 31 Mar 2022 9:44

Tot Ion:
Ion Ratio
42 100
72 40.
71 39.

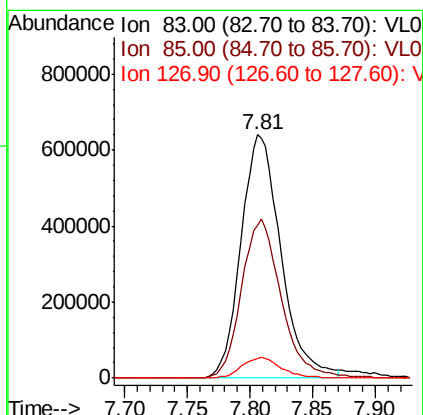
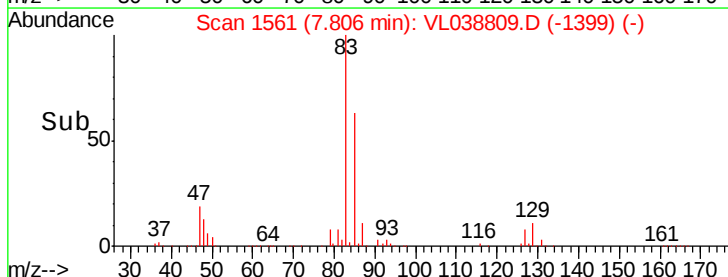
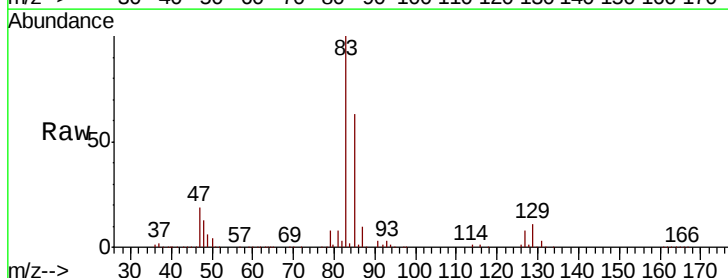
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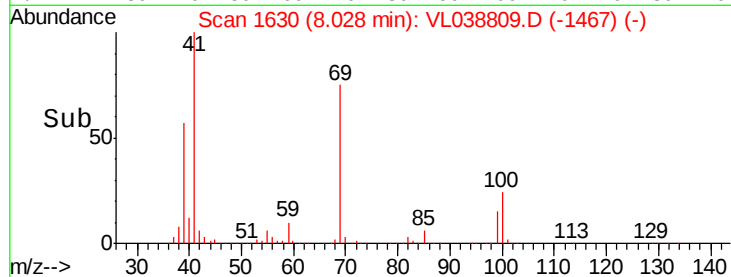
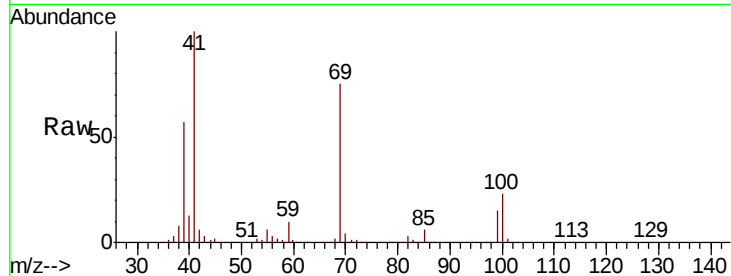
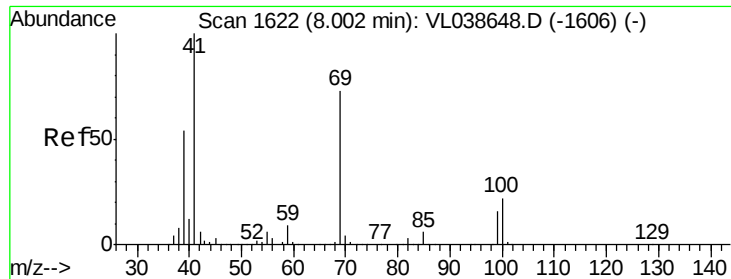
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#42
Bromodichloromethane
Concen: 10.675 ppbv
RT: 7.81 min Scan# 1561
Delta R.T.: 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 83 Resp: 1420662
Ion Ratio Lower Upper
83 100
85 63.0 51.1 76.7
127 8.3 6.5 9.7



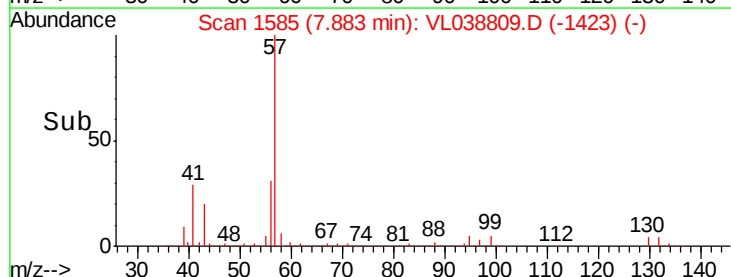
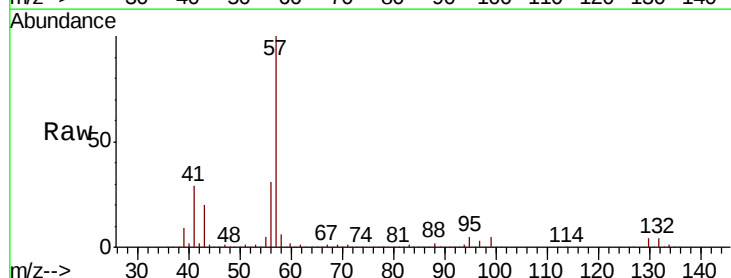
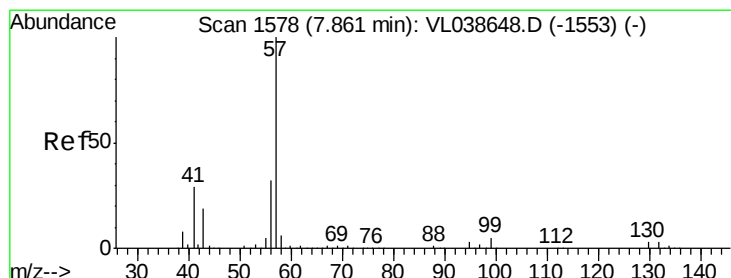
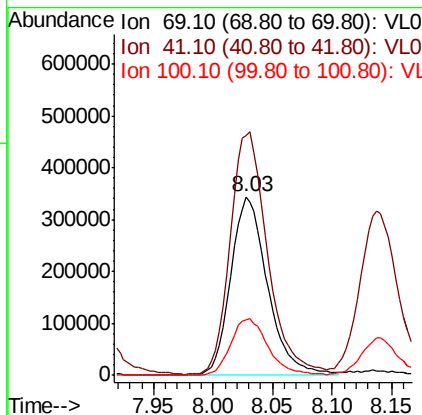


#43
Methyl Methacrylate
Concen: 11.377 ppbv
RT: 8.03
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VL0330ABS02
Acq: 31 Mar 2022 9:44

Tot Ion:
Ion Ratio
69 100
41 139.
100 32.

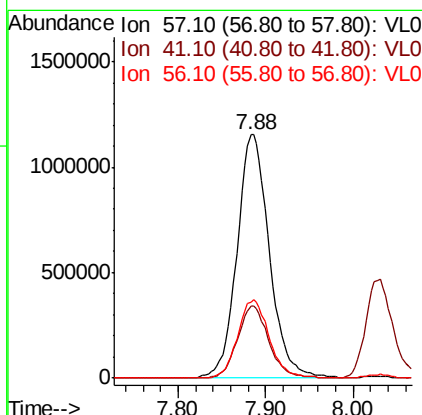
Manual Integrations
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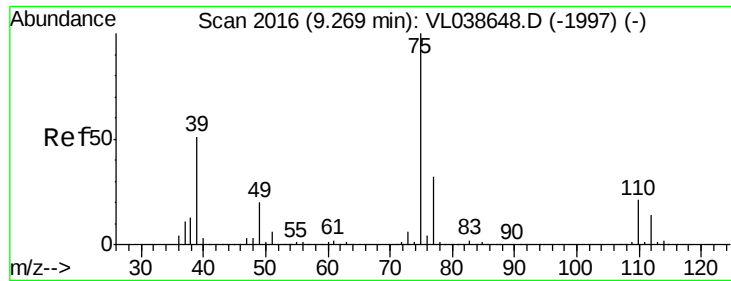
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#44
2,2,4-Trimethylpentane
Concen: 10.098 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 57 Resp: 2958433
Ion Ratio Lower Upper
57 100
41 28.7 23.0 34.4
56 31.4 25.3 37.9



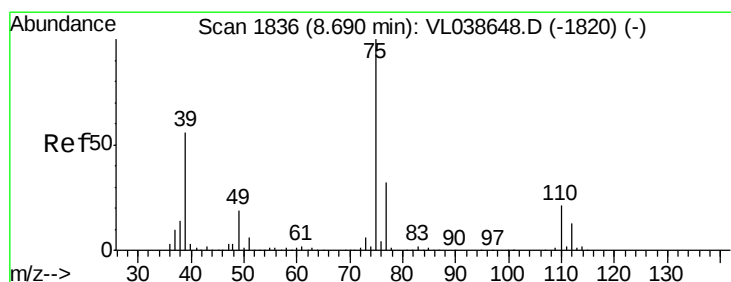
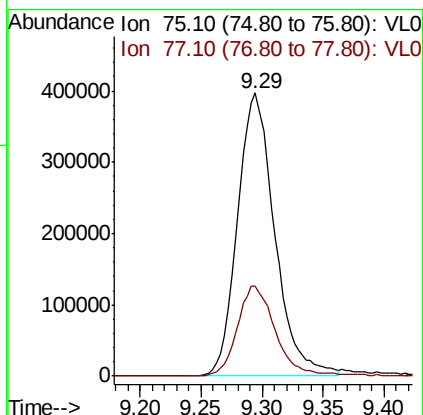
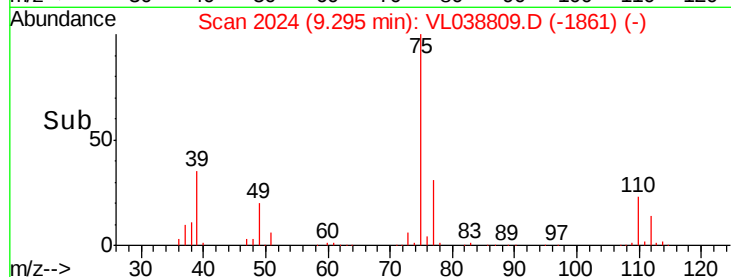
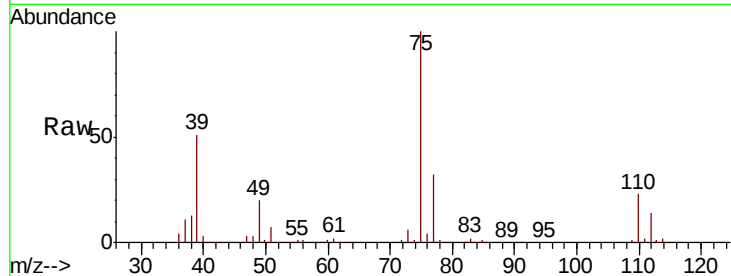


#45
t-1,3-Dichloropropene
Concen: 12.689 ppbv
RT: 9.29
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VL0330ABS02
Acq: 31 Mar 2022 9:44

Tot Ion:
Ion Ratio
75 100
77 31.

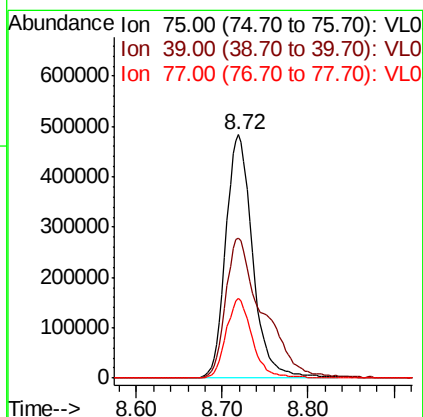
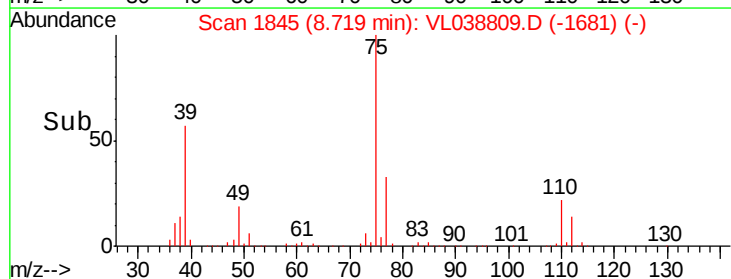
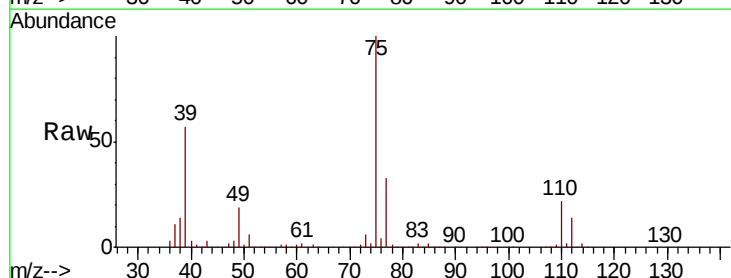
Manual Integrations
APPROVED

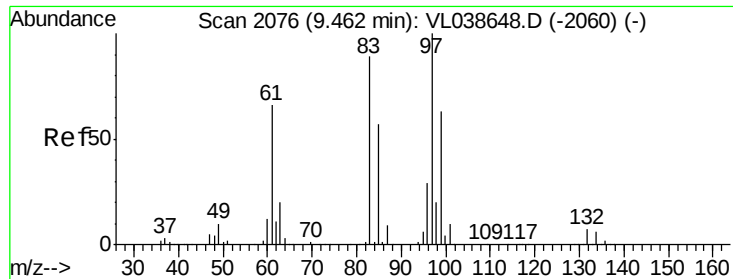
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#46
cis-1,3-Dichloropropene
Concen: 11.813 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 75 Resp: 1052129
Ion Ratio Lower Upper
75 100
39 57.4 44.8 67.2
77 32.9 25.4 38.0



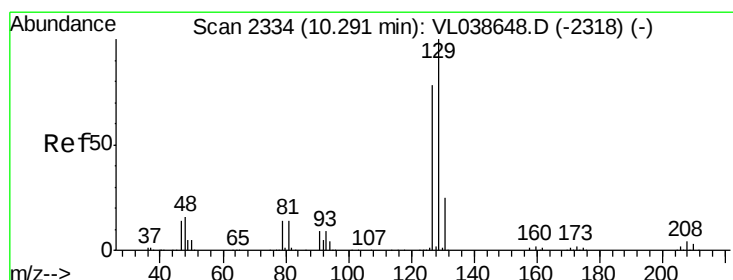
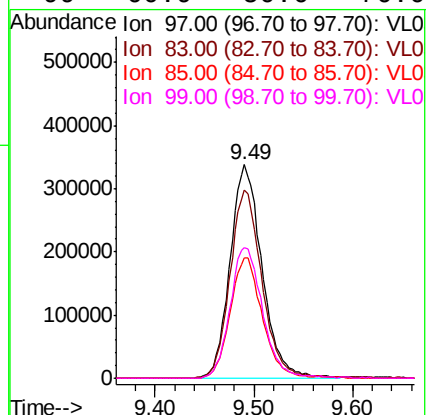
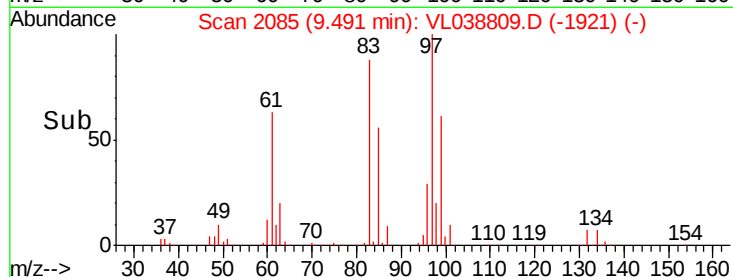
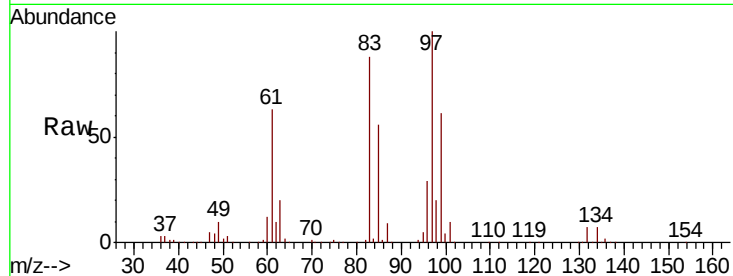


#47
 1,1,2-Trichloroethane
 Concen: 10.495 ppbv
 RT: 9.49 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0330ABS02
 Acq: 31 Mar 2022 9:44

Tot Ion:
 Ion Ratio
 97 100
 83 88.
 85 56.
 99 60.9 50.6 76.0

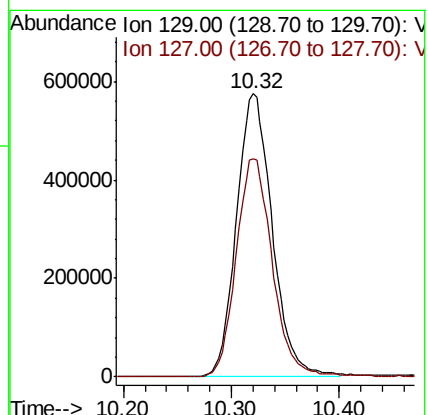
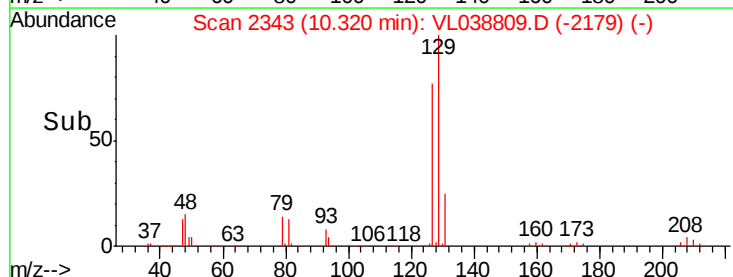
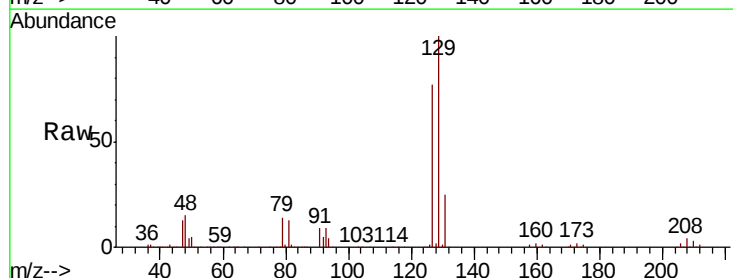
Manual Integrations
 APPROVED

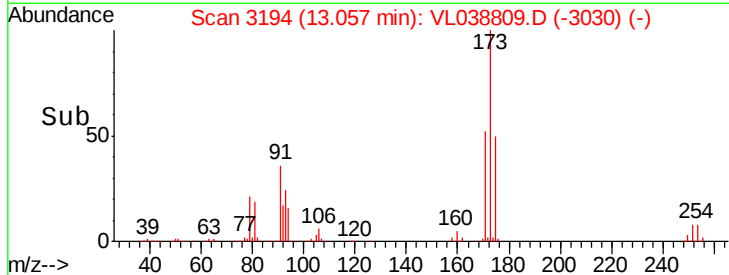
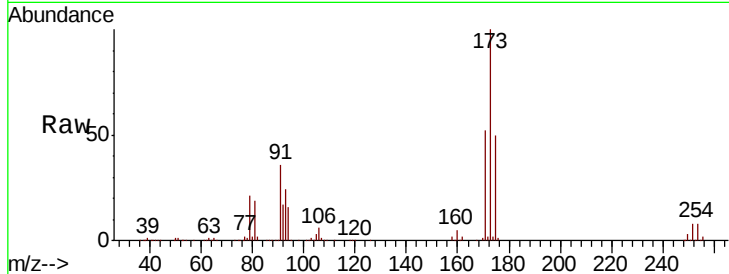
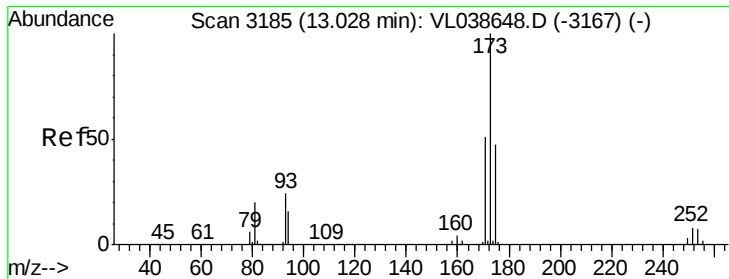
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#48
 Dibromochloromethane
 Concen: 11.605 ppbv
 RT: 10.32 min Scan# 2343
 Delta R.T.: 0.03 min
 Lab File: VL038809.D
 Acq: 31 Mar 2022 9:44

Tgt Ion:129 Resp: 1323890
 Ion Ratio Lower Upper
 129 100
 127 78.2 39.5 118.5





#49

Bromoform

Concen: 11.947 ppbv

RT: 13.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 31 Mar 2022 9:44

Tot Ion:1

Ion Ratio

173 100

175 51.

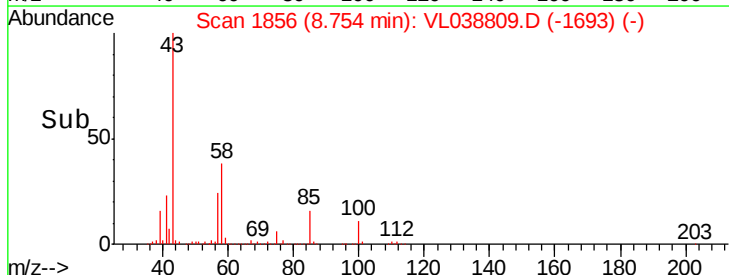
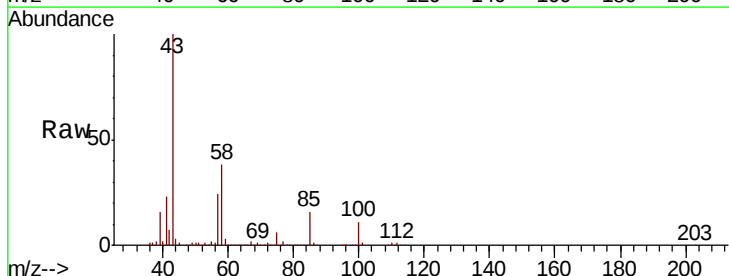
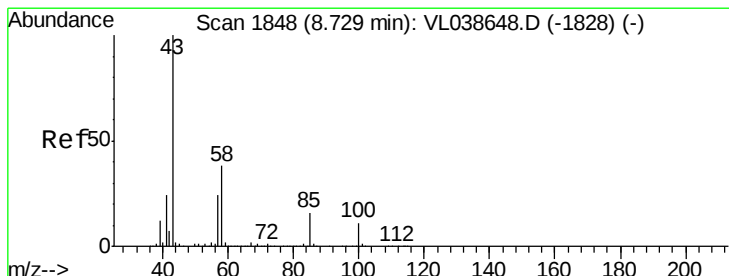
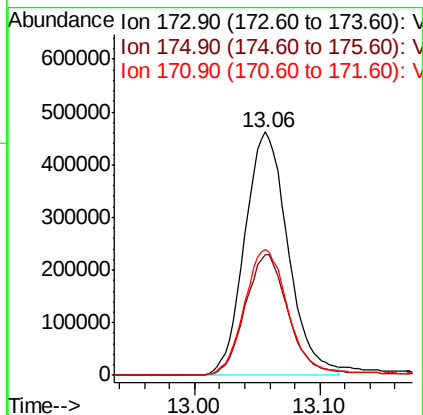
171 55.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#50

4-Methyl-2-Pentanone

Concen: 10.917 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.03 min

Lab File: VL038809.D

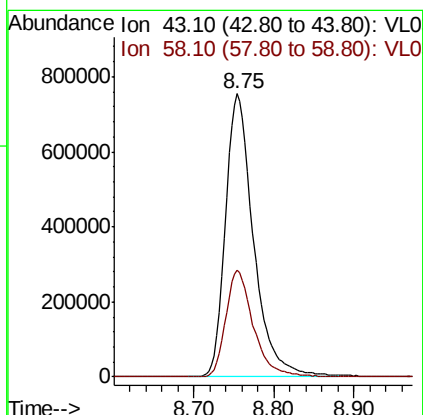
Acq: 31 Mar 2022 9:44

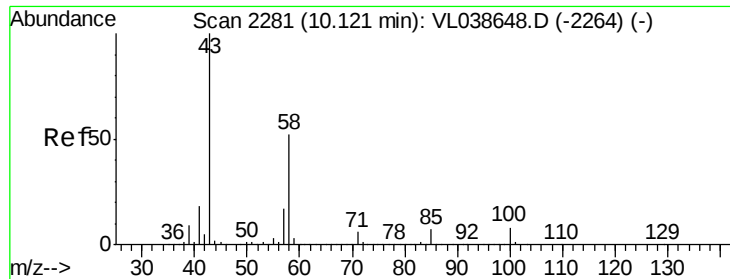
Tgt Ion: 43 Resp: 1816143

Ion Ratio Lower Upper

43 100

58 37.3 29.9 44.9



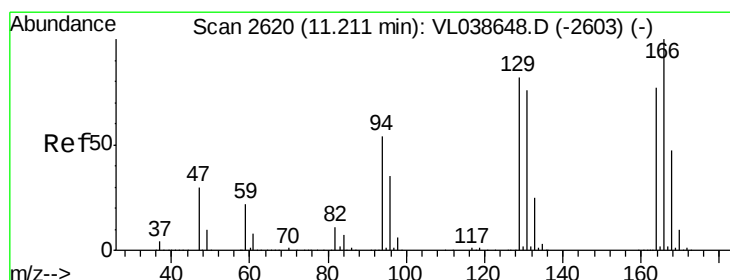
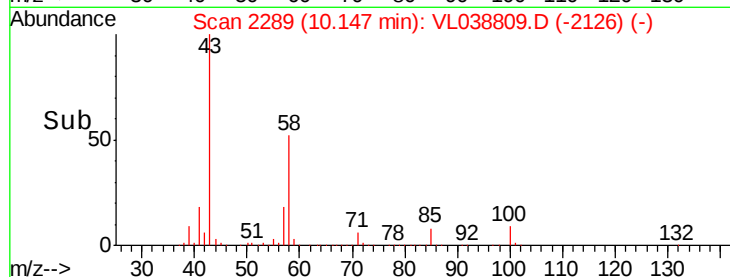
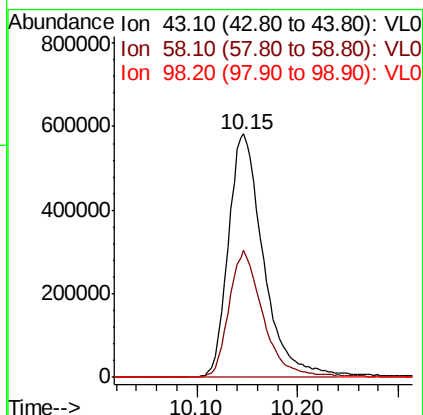
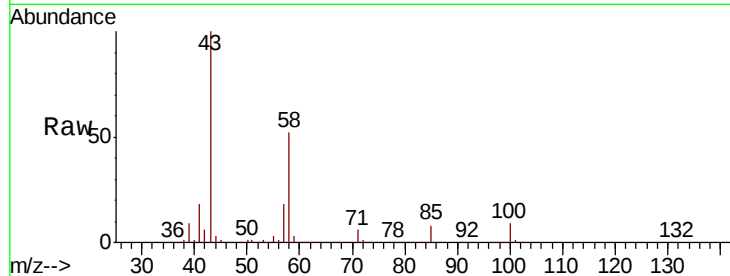


#51
2-Hexanone
Concen: 11.768 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 31 Mar 2022 9:44

Tot Ion:
Ion Ratio
43 100
58 51.
98 0.

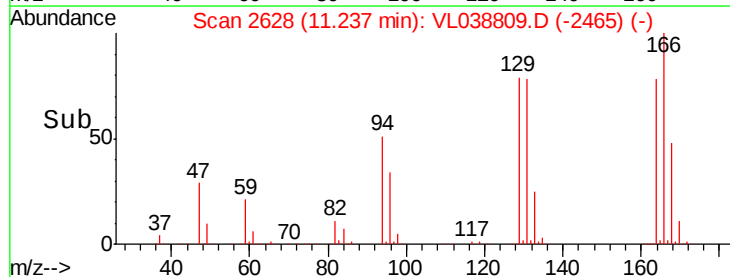
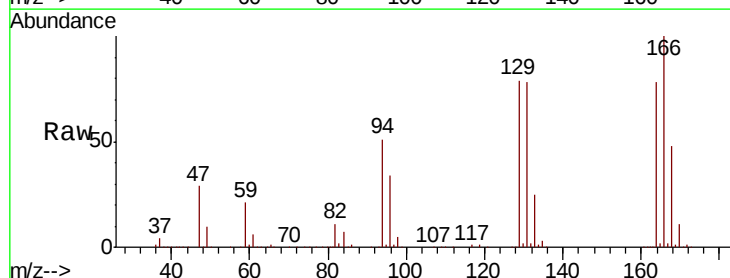
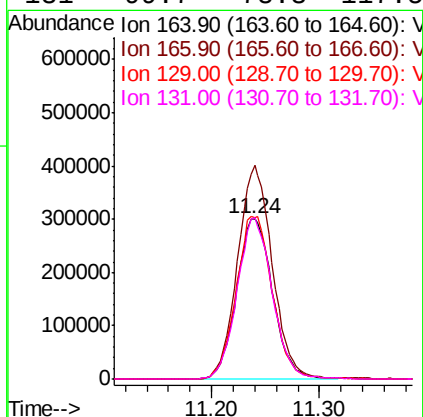
Manual Integrations
APPROVED

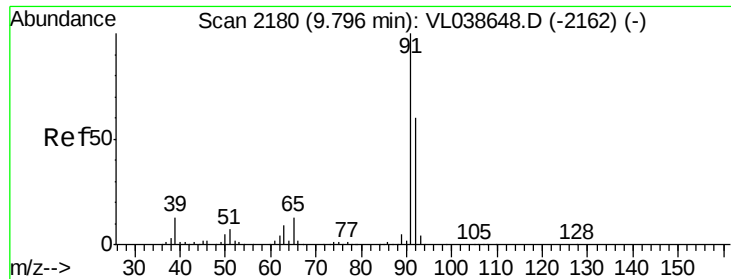
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#52
Tetrachloroethene
Concen: 10.937 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:164 Resp: 698385
Ion Ratio Lower Upper
164 100
166 127.7 103.3 154.9
129 101.3 85.2 127.8
131 99.7 78.3 117.5



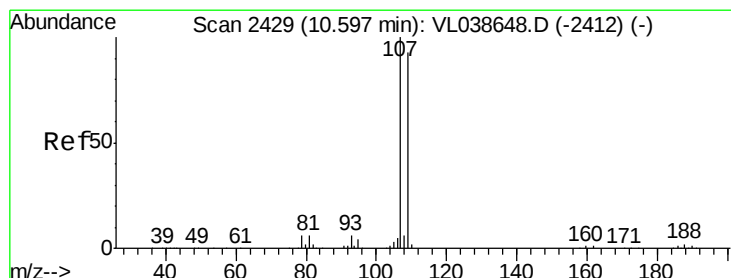
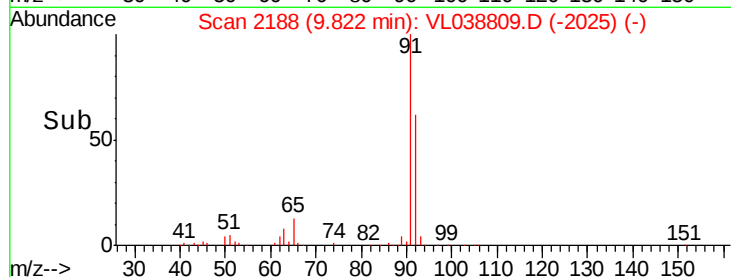
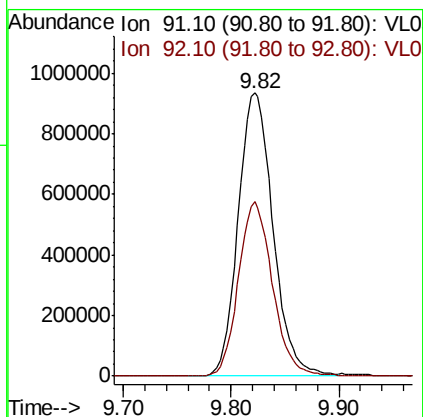
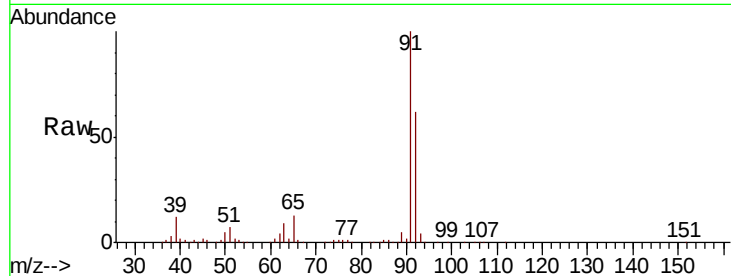


#53
Toluene
Concen: 11.225 ppbv
RT: 9.82
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 31 Mar 2022 9:44

Tot Ion:
Ion Ratio
91 100
92 60.

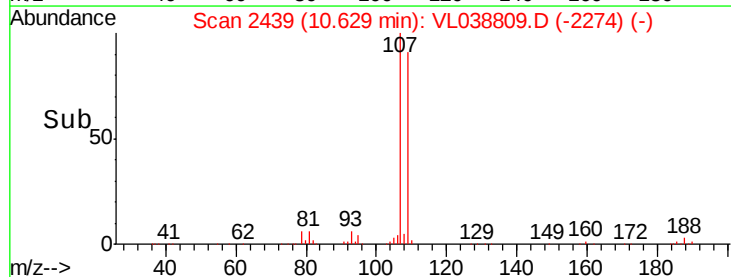
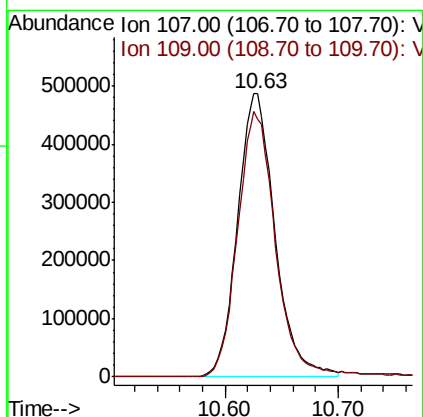
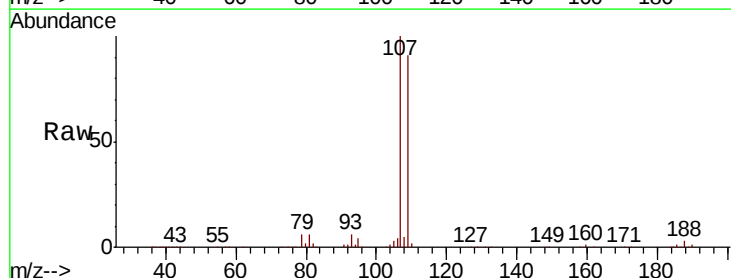
Manual Integrations
APPROVED

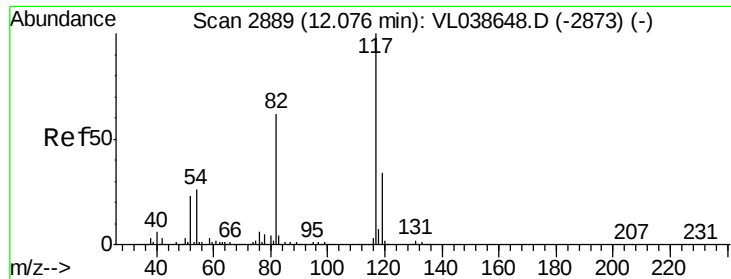
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#54
1,2-Dibromoethane
Concen: 11.240 ppbv
RT: 10.63 min Scan# 2439
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:107 Resp: 1117702
Ion Ratio Lower Upper
107 100
109 91.1 74.1 111.1



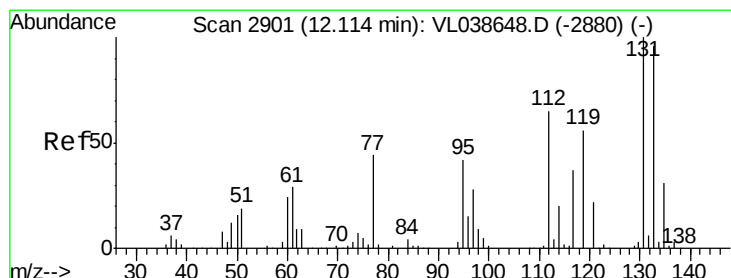
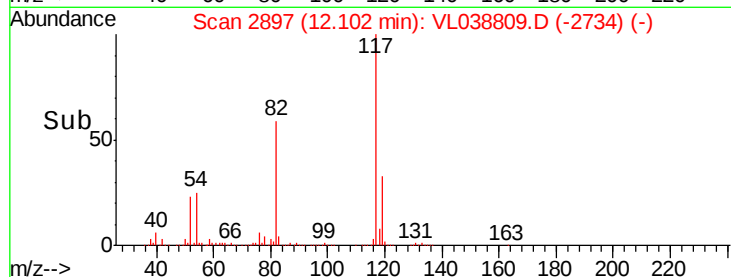
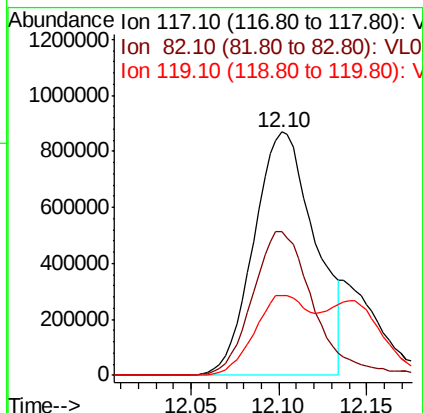
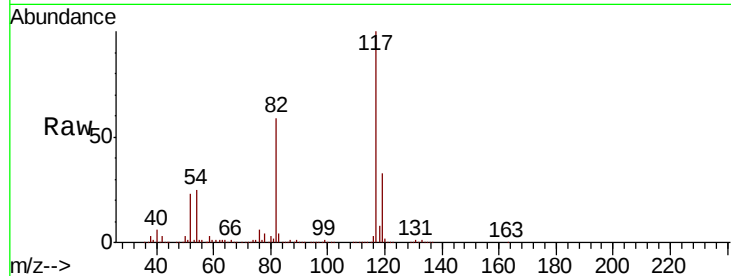


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10 min
Instrument: MSVOA_L
Delta R.T.: 0.03 min
Lab File: VL0330ABS02
Acq: 31 Mar 2022 9:44

Tot Ion: 1
Ion Ratio
117 100
82 60.
119 27.

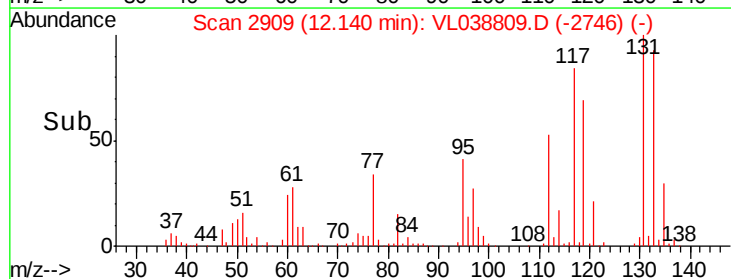
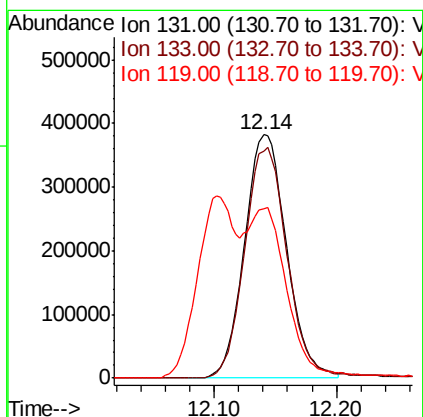
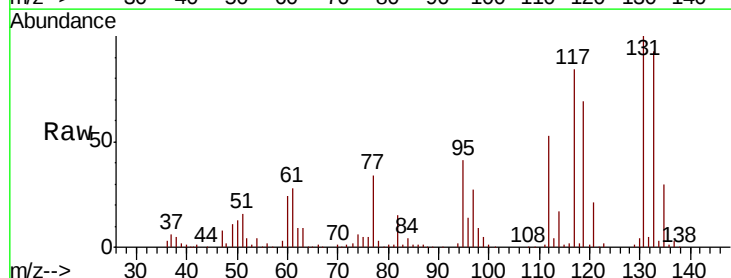
Manual Integrations
APPROVED

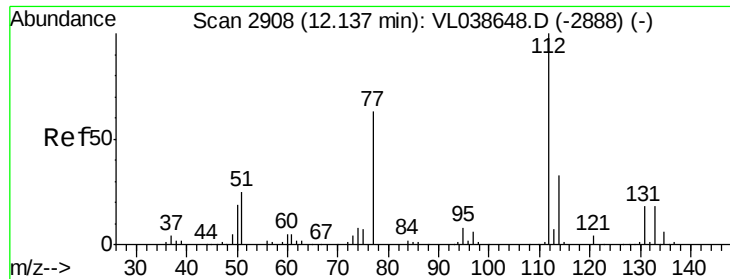
Reviewed By : Semsettin Yesilyurt 04/02/2022
Supervised By : Mahesh Dadoda 04/04/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.411 ppbv
RT: 12.14 min Scan# 2909
Delta R.T.: 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 131 Resp: 909212
Ion Ratio Lower Upper
131 100
133 97.4 77.3 115.9
119 71.4 53.0 79.6



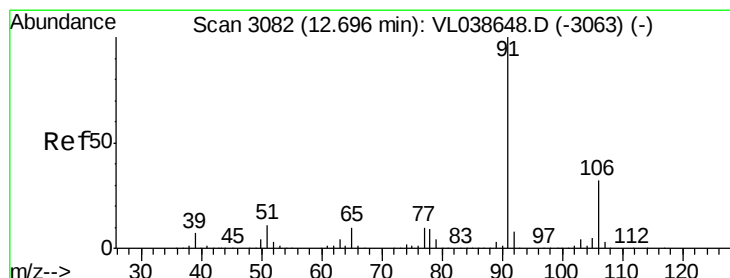
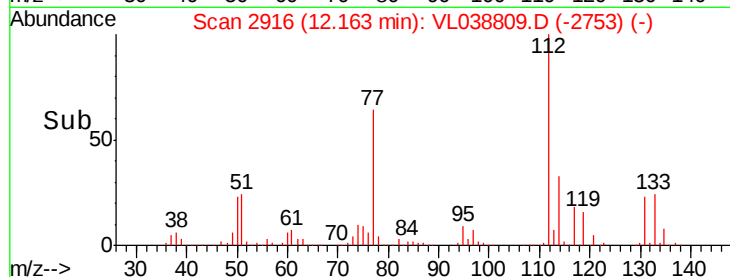
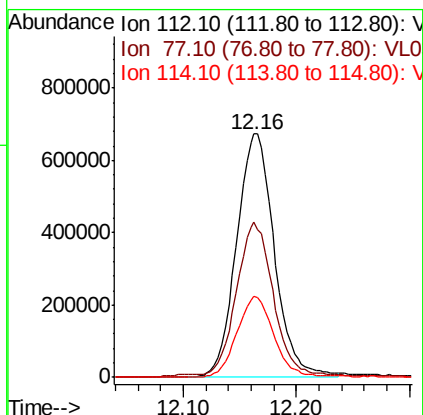
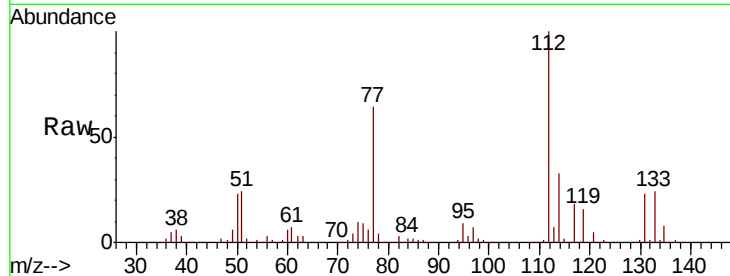


#57
Chlorobenzene
Concen: 10.321 ppbv
RT: 12.16 min
Instrument: MSVOA_L
Delta R.T.: 0.03 min
Lab File: VL0330ABS02
Acq: 31 Mar 2022 9:44

Tot Ion: 1
Ion Ratio
112 100
77 62.
114 33.

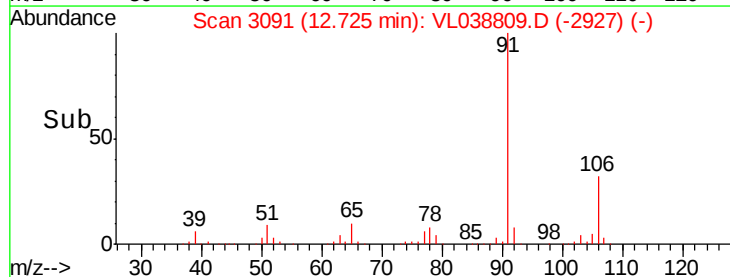
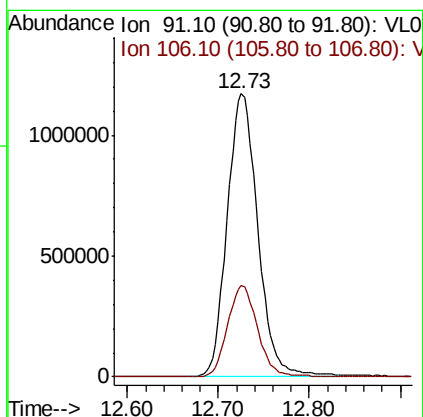
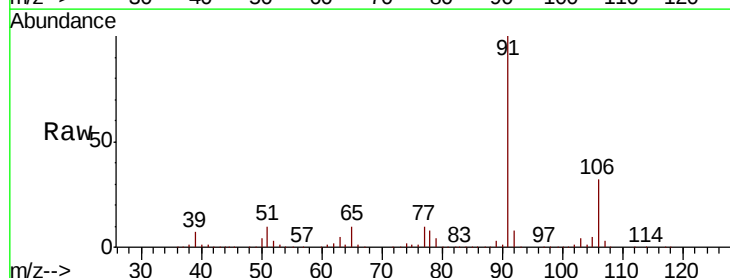
Manual Integrations
APPROVED

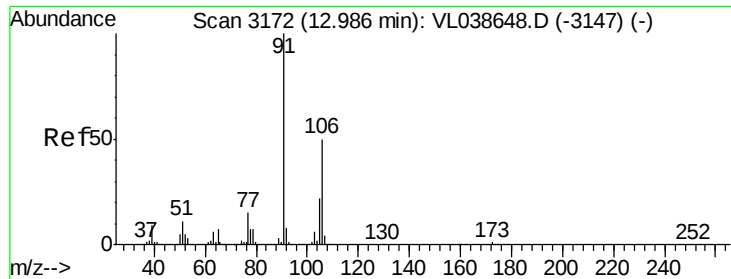
Reviewed By : Semsettin Yesilyurt 04/02/2022
Supervised By : Mahesh Dadoda 04/04/2022



#58
Ethyl Benzene
Concen: 11.179 ppbv
RT: 12.73 min Scan# 3091
Delta R.T.: 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 91 Resp: 2753023
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.0



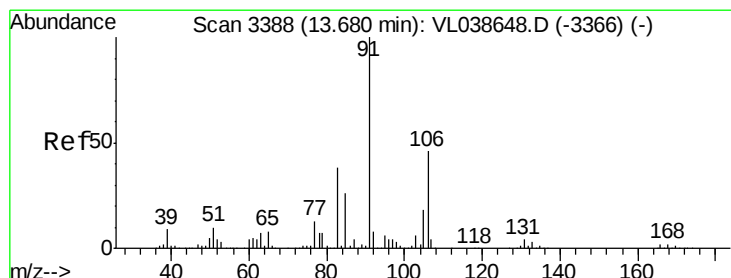
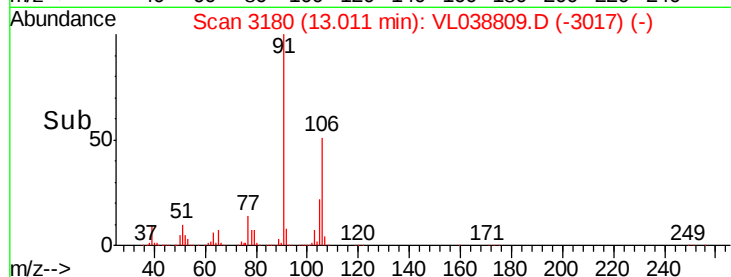
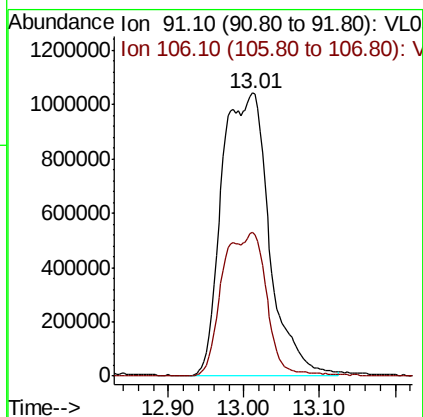
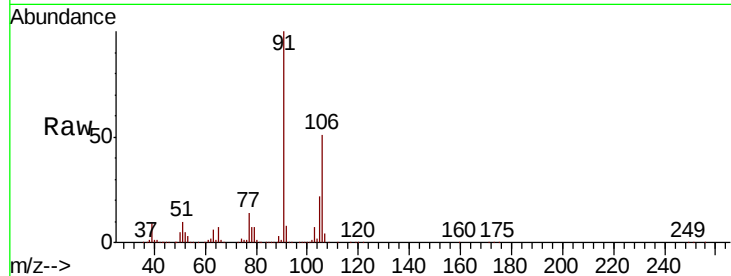


#59
m/p-Xylene
Concen: 21.073 ppbv m
RT: 13.01 min
Delta R.T. 0.03 min
Lab File: VL0330ABS02
Acq: 31 Mar 2022 9:44

Tot Ion:
Ion Ratio
91 100
106 47.

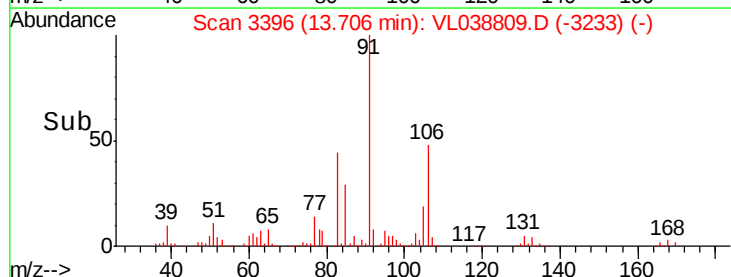
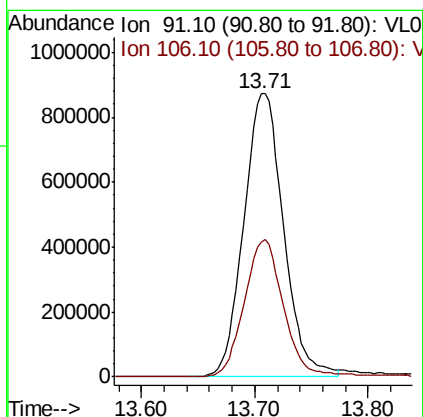
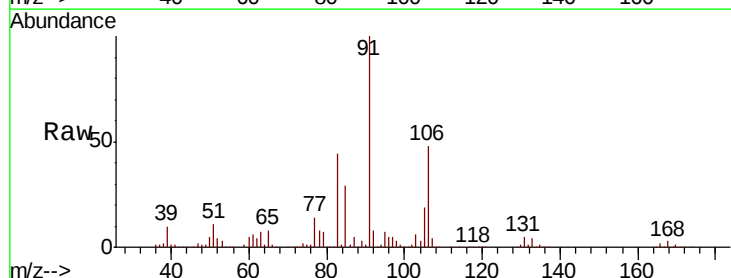
Manual Integrations
APPROVED

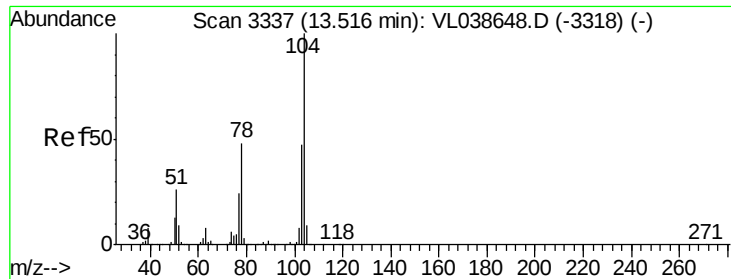
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#60
o-Xylene
Concen: 10.414 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 91 Resp: 2130086
Ion Ratio Lower Upper
91 100
106 48.9 23.5 70.5



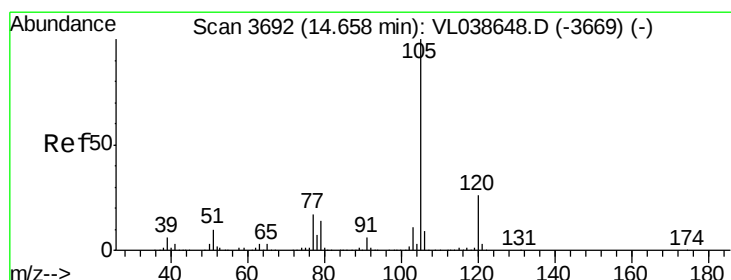
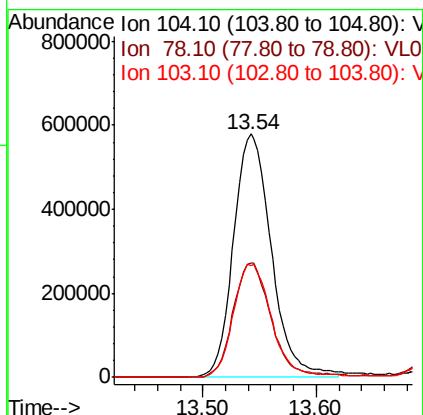
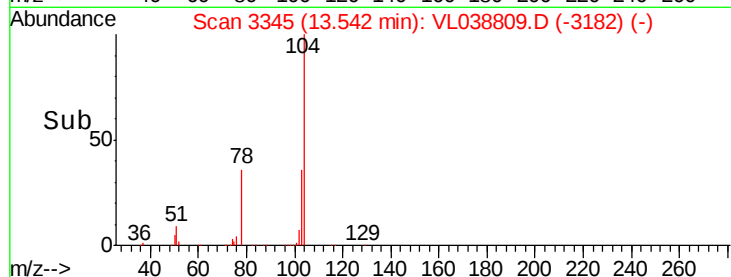
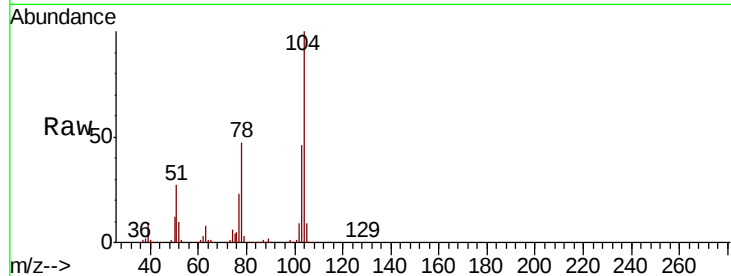


#61
Stvrene
Concen: 12.180 ppbv
RT: 13.54
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0330ABS02
Acq: 31 Mar 2022 9:44

Tot Ion:1
Ion Rati
104 100
78 47.
103 47.

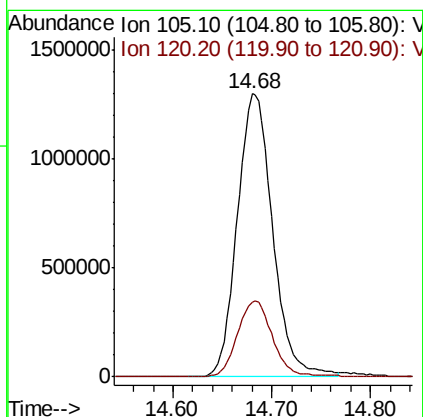
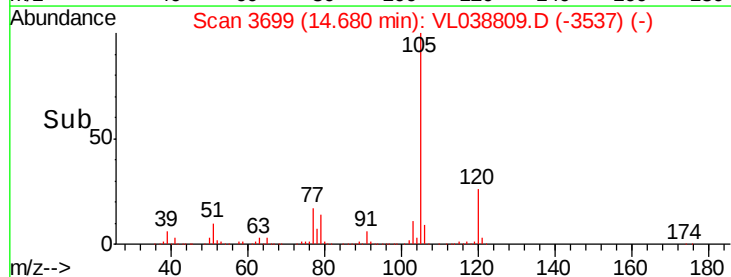
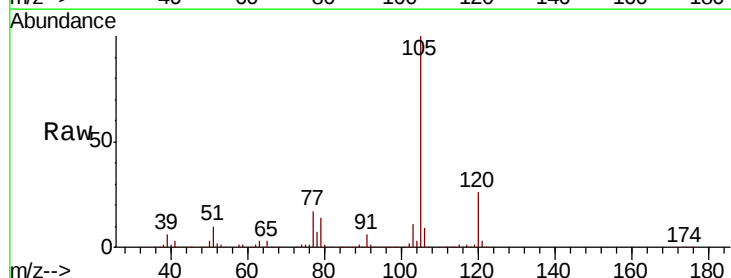
Manual Integrations
APPROVED

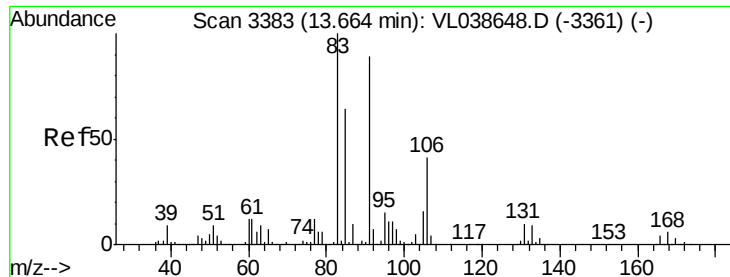
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#62
Isopropylbenzene
Concen: 10.517 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:105 Resp: 3233788
Ion Ratio Lower Upper
105 100
120 27.0 21.2 31.8



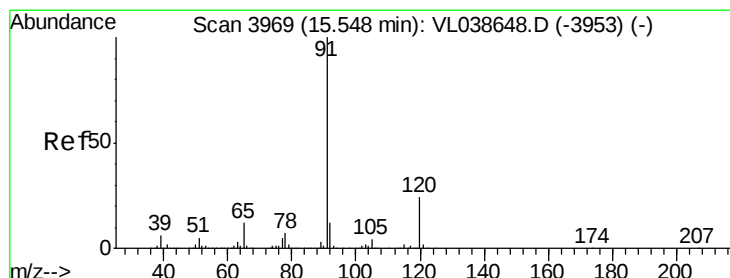
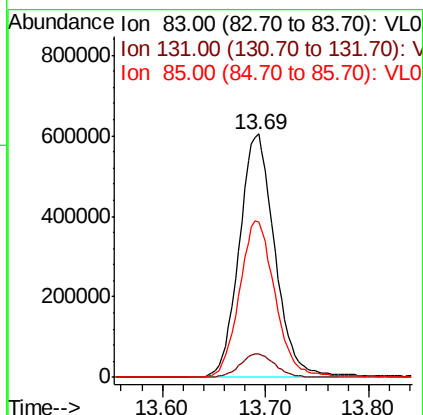
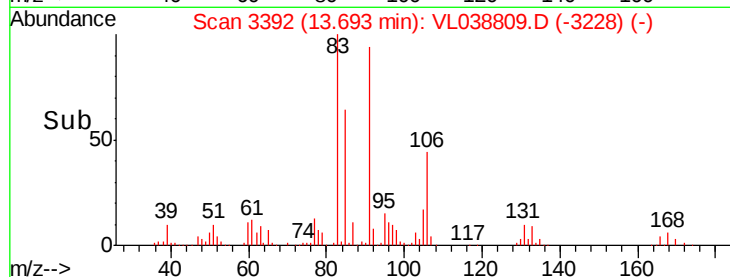
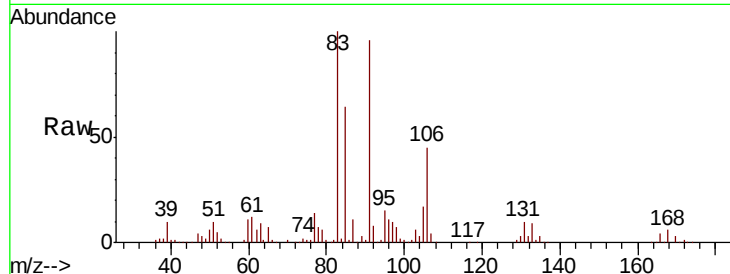


#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.123 ppbv
 RT: 13.69 min
 Delta R.T. 0.03 min
 Lab File: VL0330ABS02
 Acq: 31 Mar 2022 9:44

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 65.

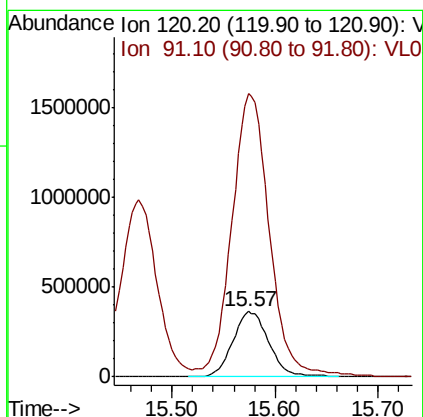
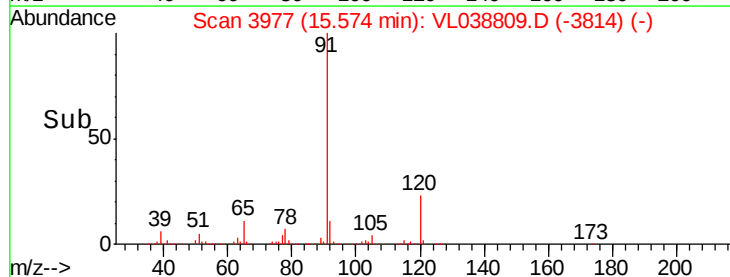
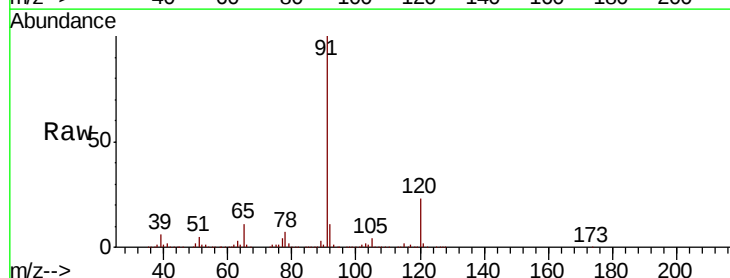
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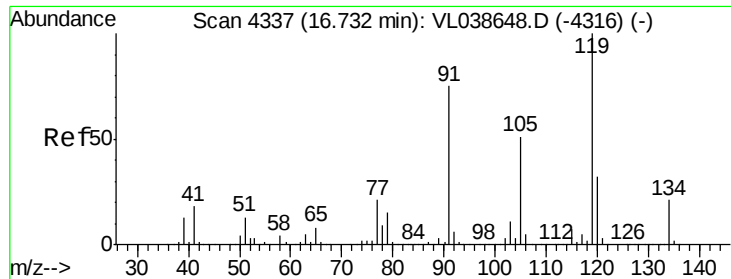
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#64
 n-propylbenzene
 Concen: 10.987 ppbv
 RT: 15.57 min Scan# 3977
 Delta R.T. 0.03 min
 Lab File: VL038809.D
 Acq: 31 Mar 2022 9:44

Tgt Ion:120 Resp: 886470
 Ion Ratio Lower Upper
 120 100
 91 452.1 368.0 552.0



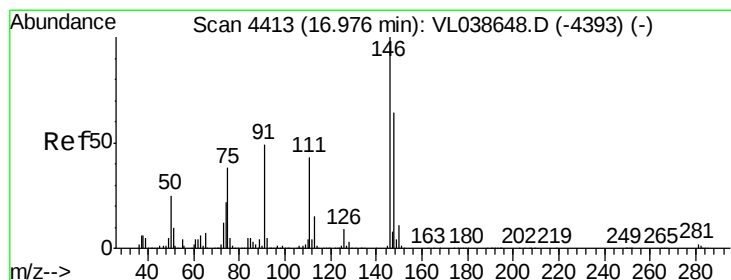
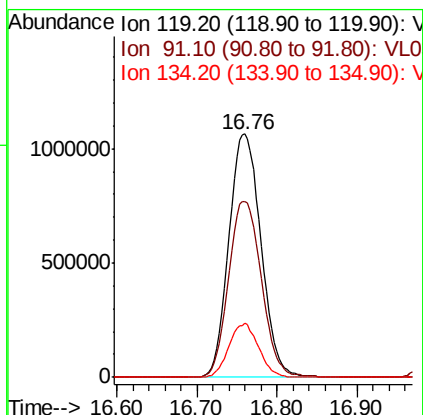
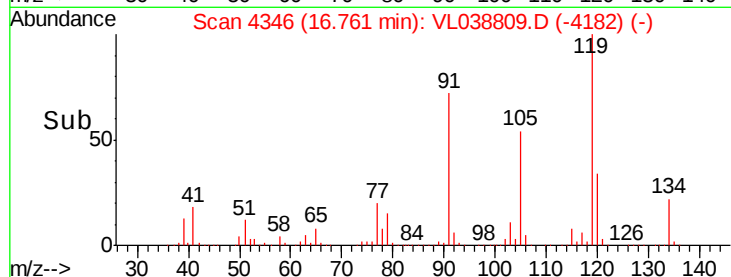
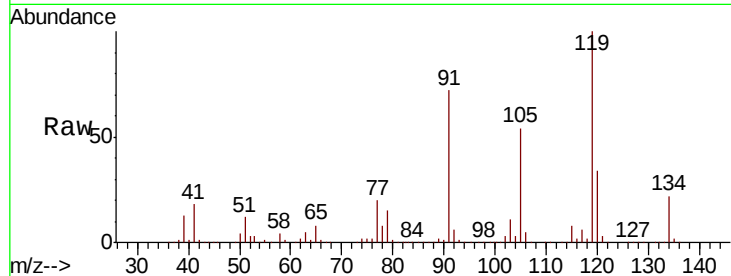


#65
tert-Butylbenzene
Concen: 10.474 ppbv
RT: 16.76 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 31 Mar 2022 9:44

Tot Ion: 1
Ion Ratio
119 100
91 74.
134 20.

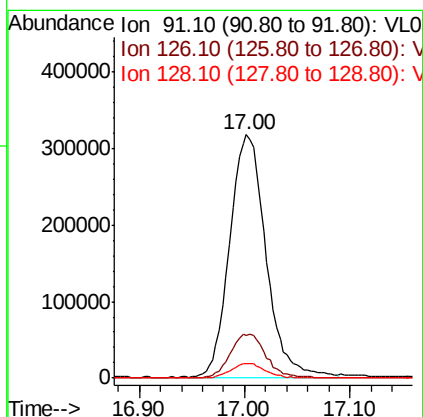
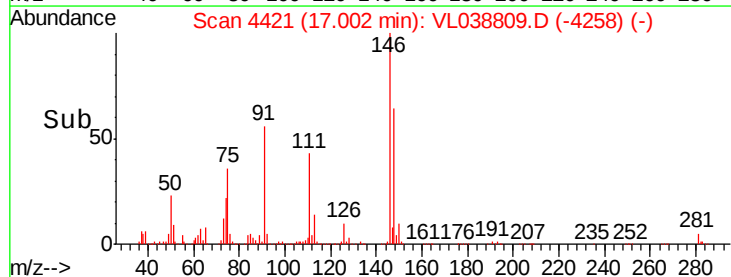
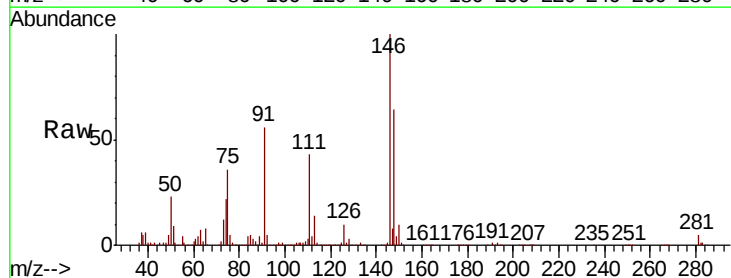
Manual Integrations
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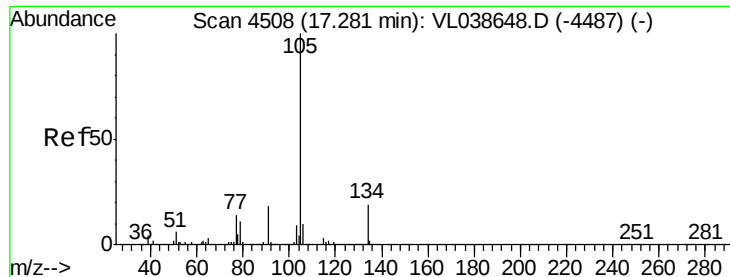
Reviewed By : Semsettin Yesilyurt 04/02/2022
Supervised By : Mahesh Dadoda 04/04/2022



#66
Benzyl Chloride
Concen: 14.434 ppbv
RT: 17.00 min Scan# 4421
Delta R.T.: 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 91 Resp: 755157
Ion Ratio Lower Upper
91 100
126 18.2 14.3 21.5
128 5.8 4.6 6.8





#67

sec-Butylbenzene

Concen: 10.445 ppbv

RT: 17.31

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 31 Mar 2022 9:44

Tot Ion:1

Ion Rati

105 100

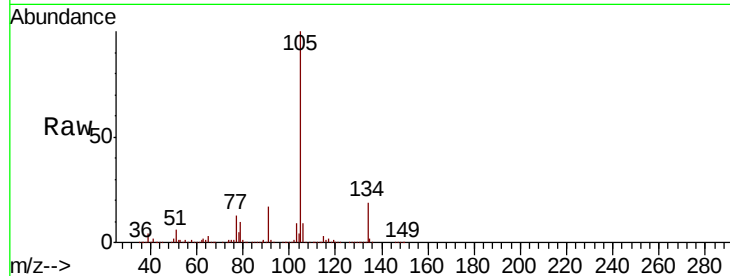
134 19.

Manual Integrations

APPROVED

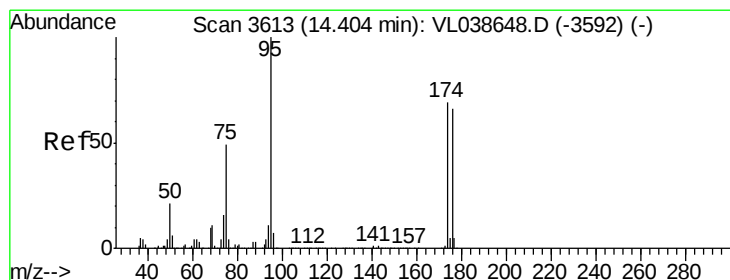
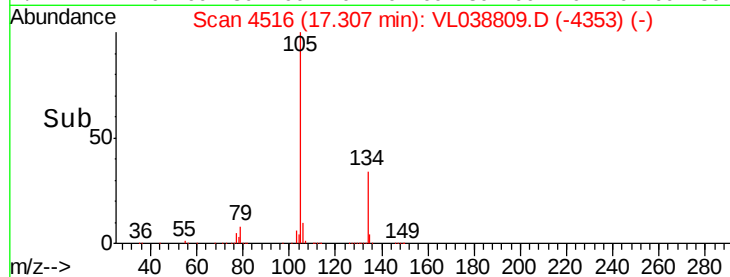
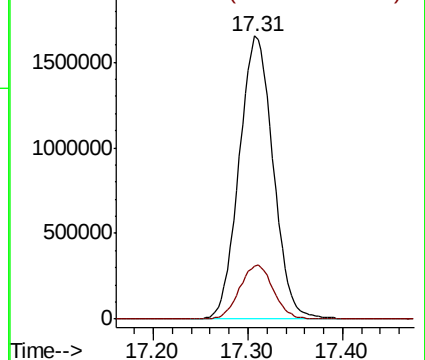
Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



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: 9.417 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. 0.03 min

Lab File: VL038809.D

Acq: 31 Mar 2022 9:44

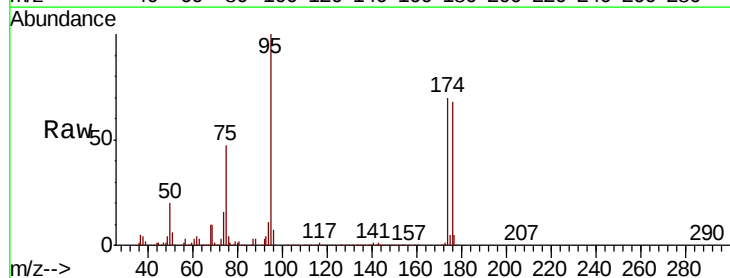
Tgt Ion: 95 Resp: 1520866

Ion Ratio Lower Upper

95 100

174 74.7 56.1 84.1

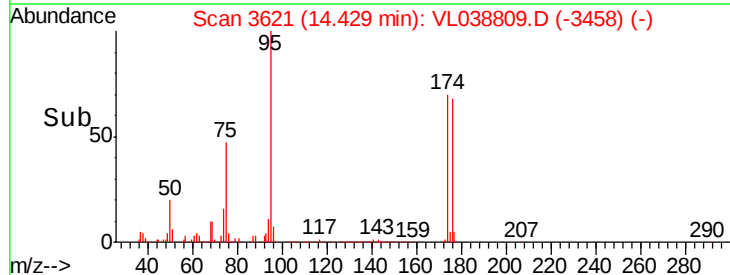
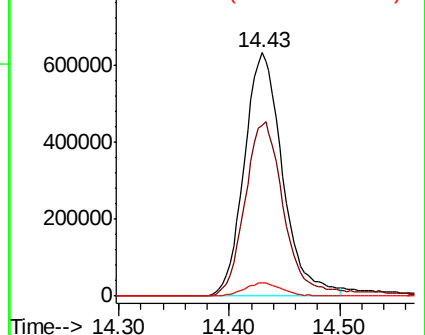
175 5.6 4.2 6.2

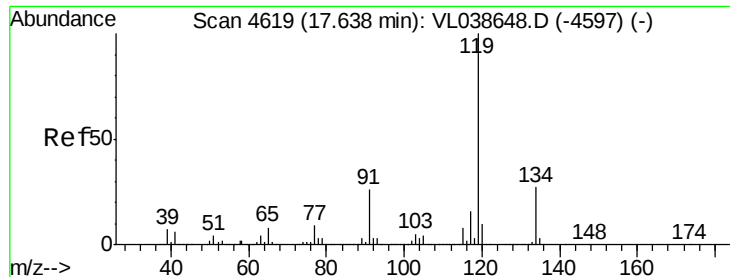


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



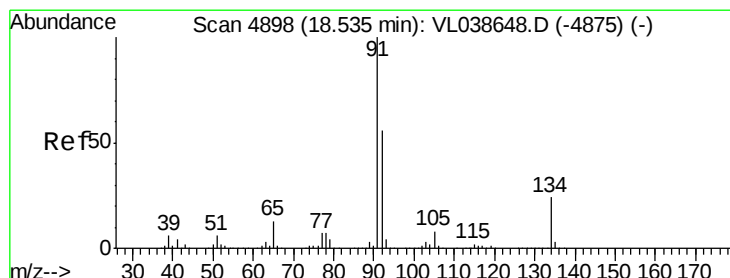
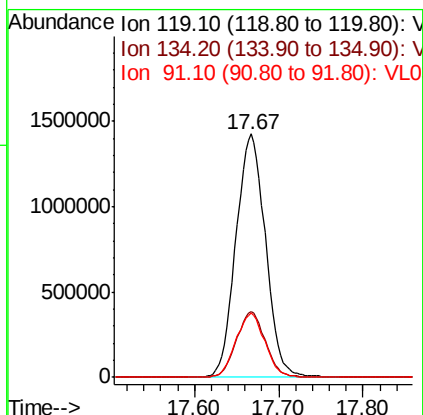
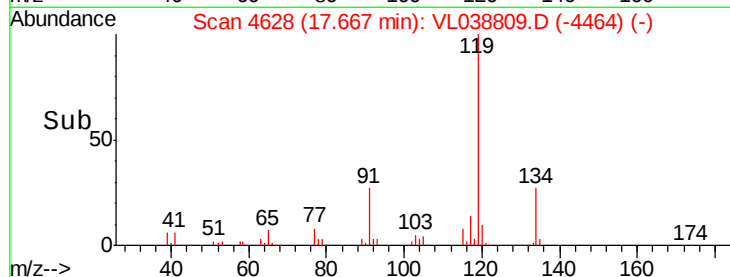
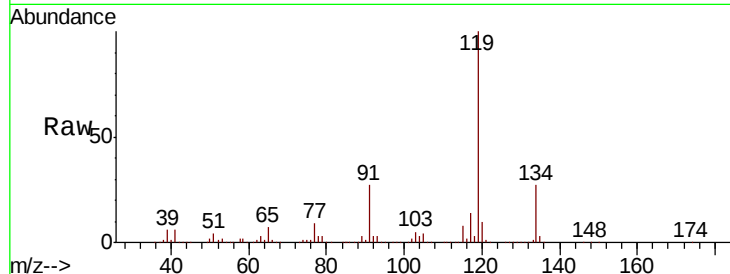


#69
 p-Isopropyltoluene
 Concen: 10.813 ppbv
 RT: 17.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0330ABS02
 Acq: 31 Mar 2022 9:44

Tot Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 26.

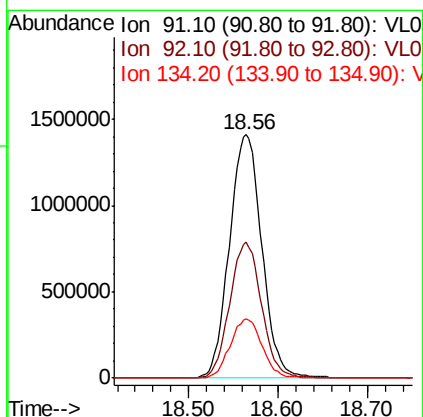
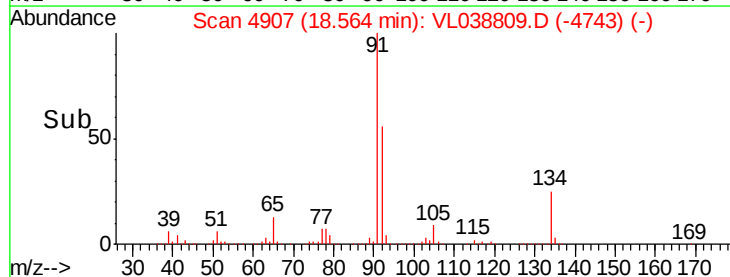
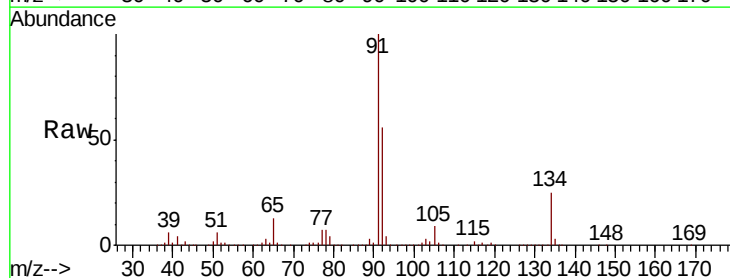
Manual Integrations
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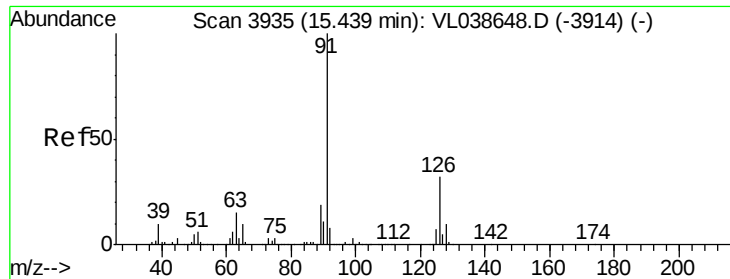
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#70
 n-Butylbenzene
 Concen: 10.660 ppbv
 RT: 18.56 min Scan# 4907
 Delta R.T.: 0.03 min
 Lab File: VL038809.D
 Acq: 31 Mar 2022 9:44

Tgt Ion: 91 Resp: 3545627
 Ion Ratio Lower Upper
 91 100
 92 55.1 43.9 65.9
 134 24.2 18.7 28.1





#71

2-Chlorotoluene

Concen: 10.425 ppbv

RT: 15.47

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 31 Mar 2022 9:44

Tot Ion:

Ion Ratio

91 100

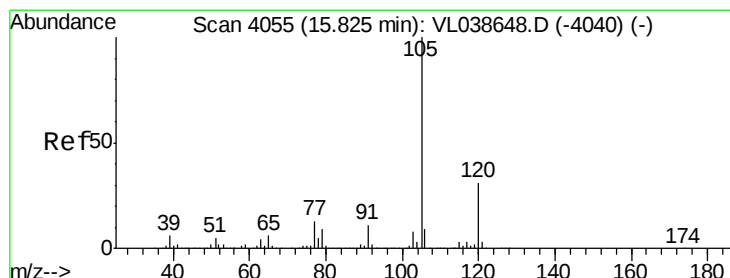
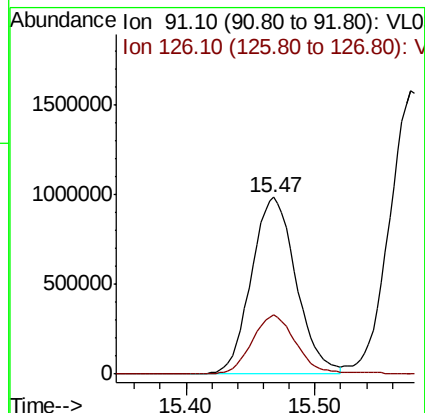
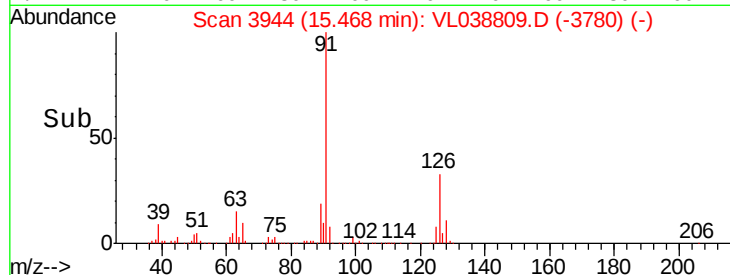
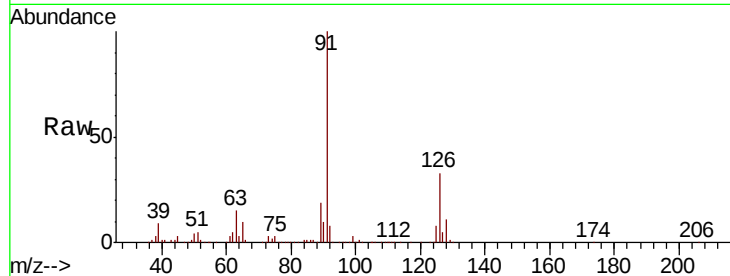
126 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#72

4-Ethyltoluene

Concen: 11.358 ppbv

RT: 15.85 min Scan# 4064

Delta R.T. 0.03 min

Lab File: VL038809.D

Acq: 31 Mar 2022 9:44

Tgt Ion:105 Resp: 2742227

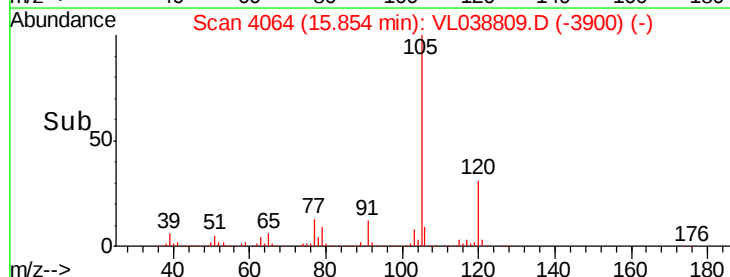
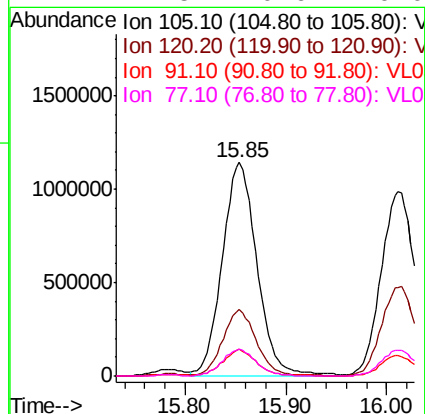
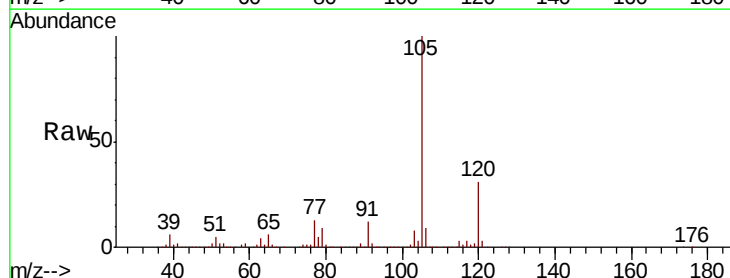
Ion Ratio Lower Upper

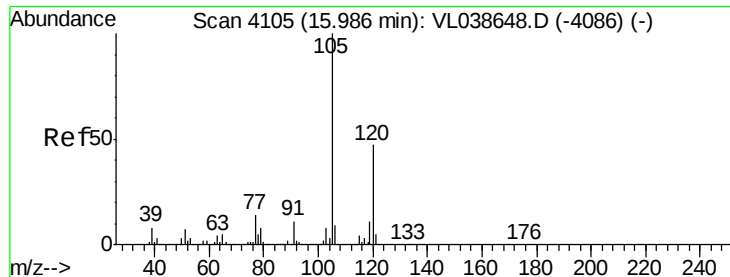
105 100

120 30.4 24.9 37.3

91 11.6 9.8 14.6

77 12.5 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 10.937 ppbv

RT: 16.01 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 31 Mar 2022 9:44

Tot Ion:1

Ion Rati

105 100

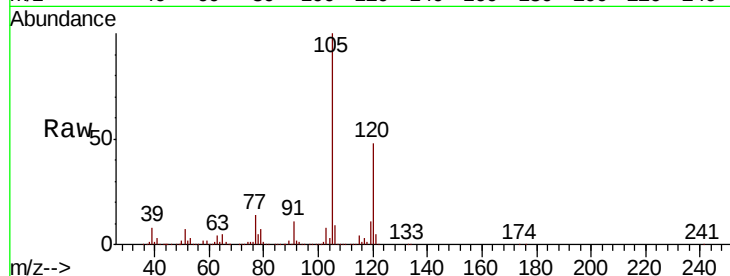
120 47.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.01

1000000

800000

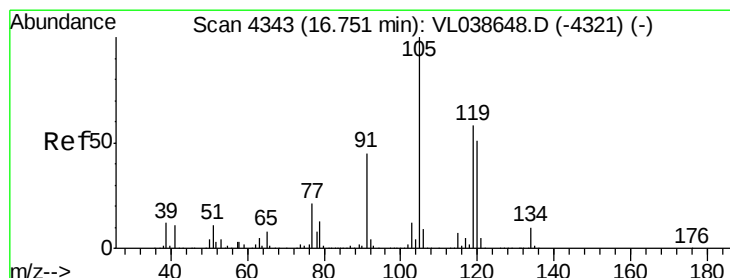
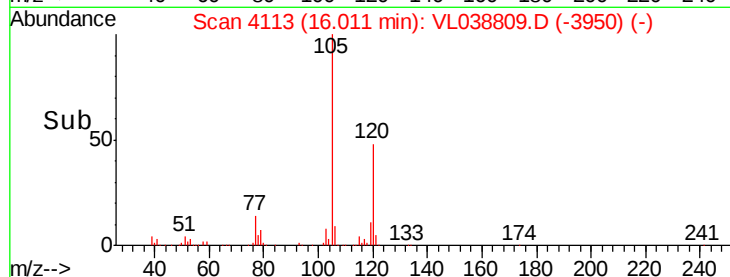
600000

400000

200000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 10.478 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.03 min

Lab File: VL038809.D

Acq: 31 Mar 2022 9:44

Tgt Ion:105 Resp: 2510971

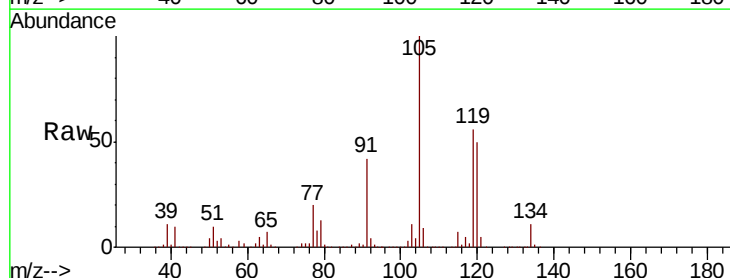
Ion Ratio Lower Upper

105 100

120 49.6 40.5 60.7

91 42.1 35.9 53.9

77 19.6 16.6 25.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

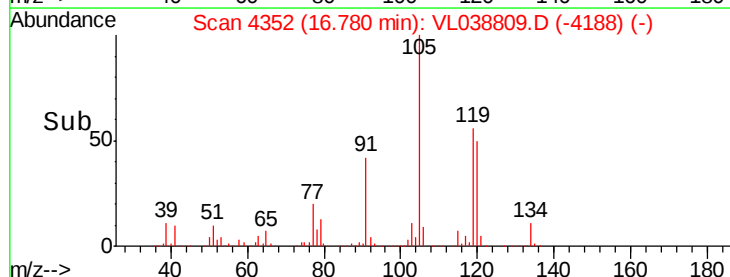
1500000

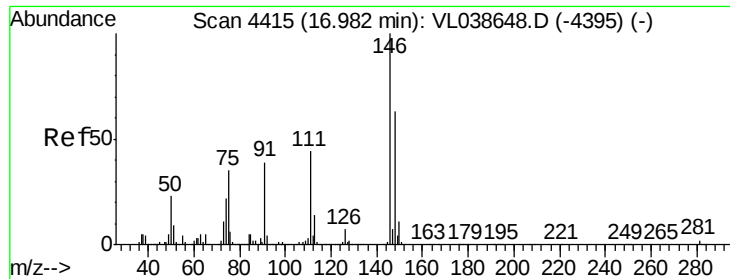
1000000

500000

0

Time-->



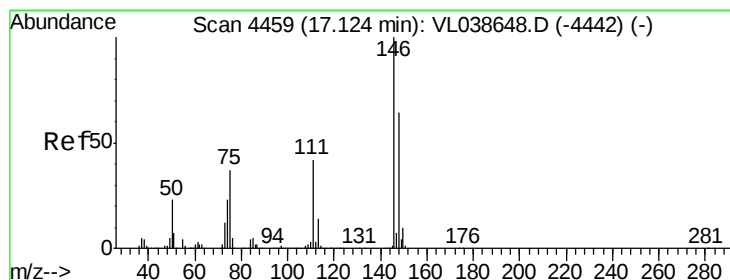
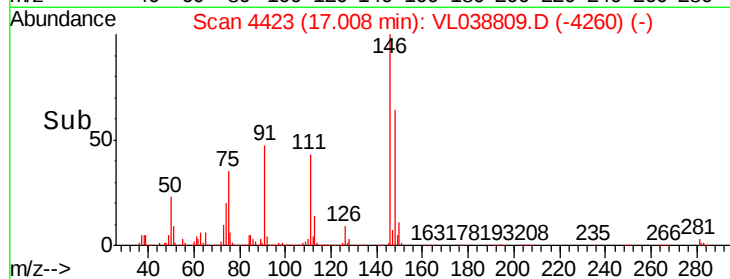
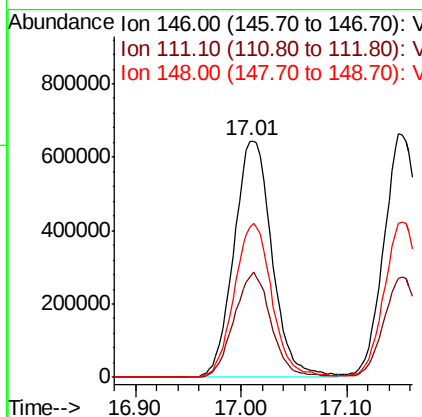
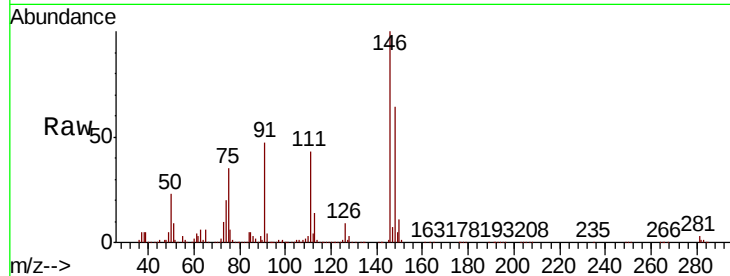


#75
 1,3-Dichlorobenzene
 Concen: 10.617 ppbv
 RT: 17.01 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 31 Mar 2022 9:44

Tot Ion:1
 Ion Rati
 146 100
 111 43.
 148 64.

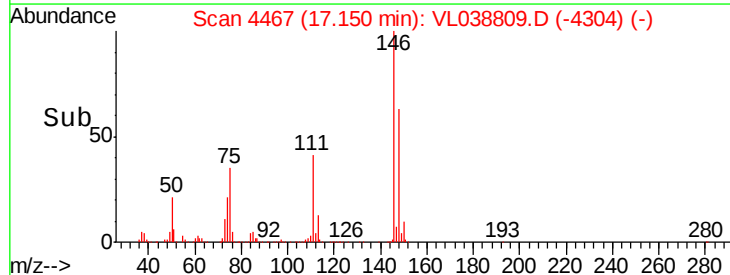
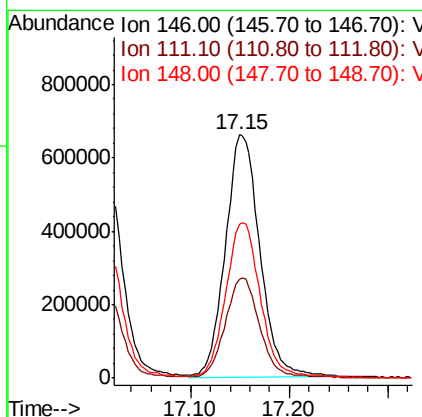
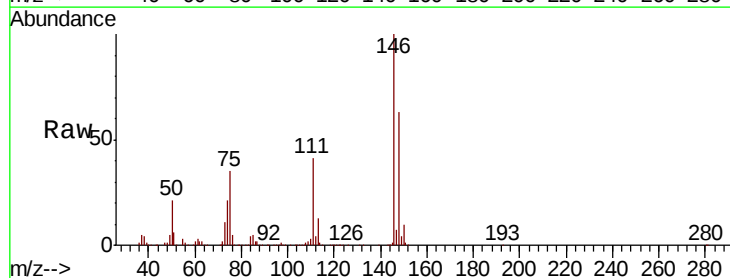
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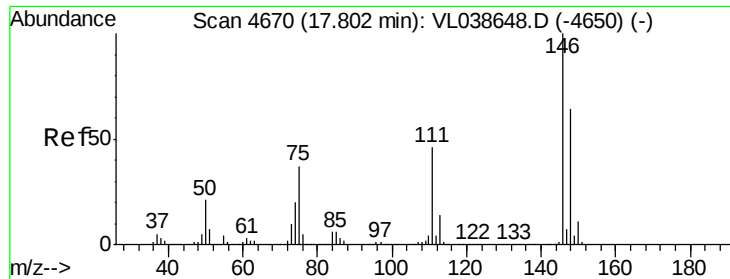
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#76
 1,4-Dichlorobenzene
 Concen: 10.552 ppbv
 RT: 17.15 min Scan# 4467
 Delta R.T. 0.03 min
 Lab File: VL038809.D
 Acq: 31 Mar 2022 9:44

Tgt Ion:146 Resp: 1601767
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.4 64.2
 148 65.4 32.1 96.3



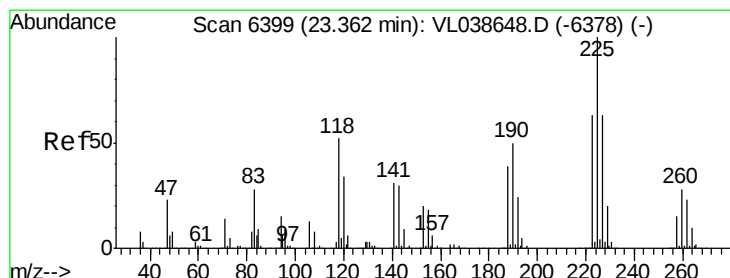
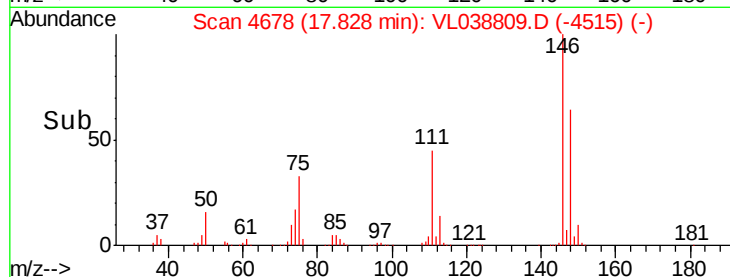
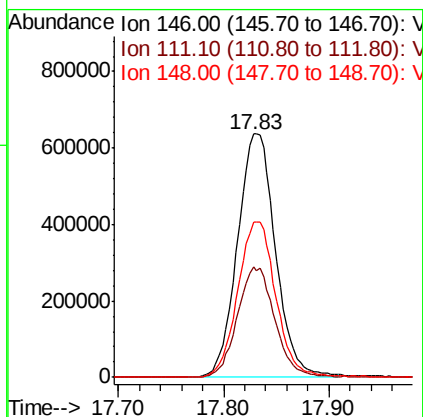
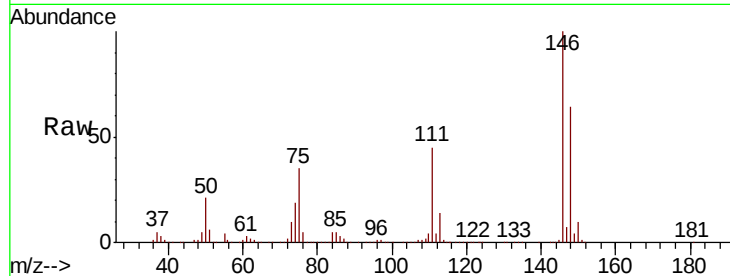


#77
 1,2-Dichlorobenzene
 Concen: 10.530 ppbv
 RT: 17.83 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0330ABS02
 Acq: 31 Mar 2022 9:44

Tot Ion:1
 Ion Rati
 146 100
 111 45.
 148 64.

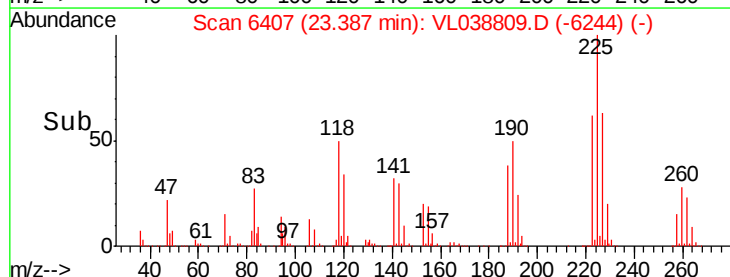
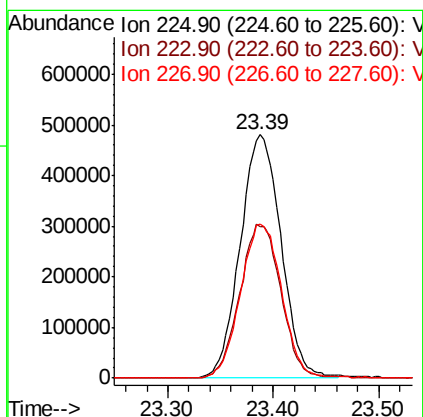
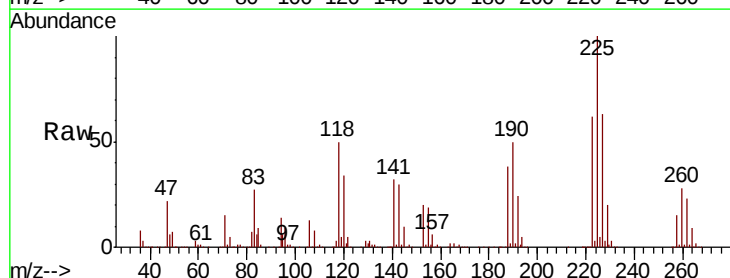
Manual Integrations
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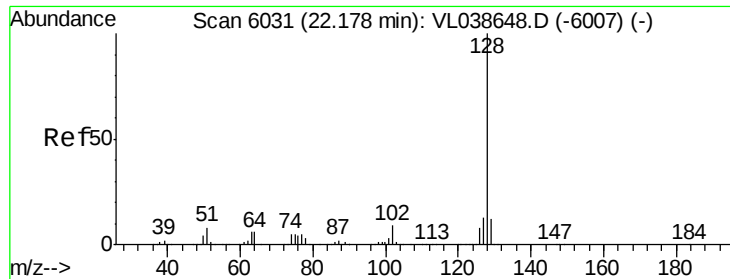
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.271 ppbv
 RT: 23.39 min Scan# 6407
 Delta R.T. 0.03 min
 Lab File: VL038809.D
 Acq: 31 Mar 2022 9:44

Tgt Ion:225 Resp: 1295681
 Ion Ratio Lower Upper
 225 100
 223 64.1 51.0 76.6
 227 64.3 51.5 77.3



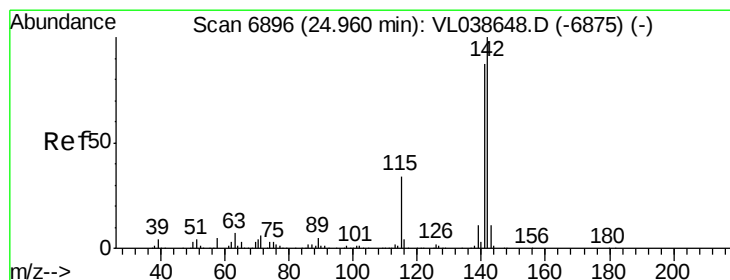
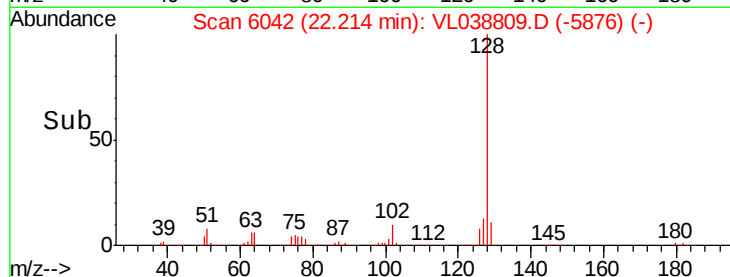
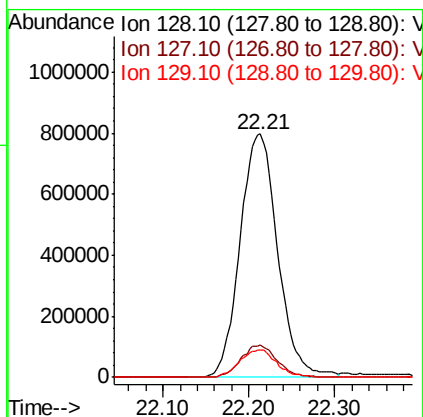
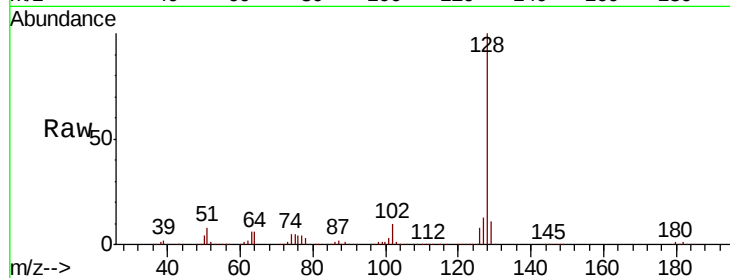


#79
Naphthalene
Concen: 13.247 ppbv
RT: 22.21 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 31 Mar 2022 9:44

Tot Ion:1
Ion Rati
128 100
127 13.
129 11.

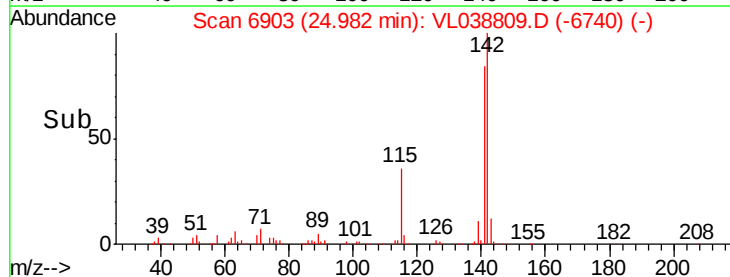
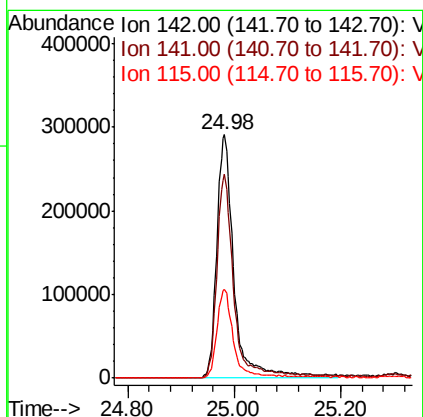
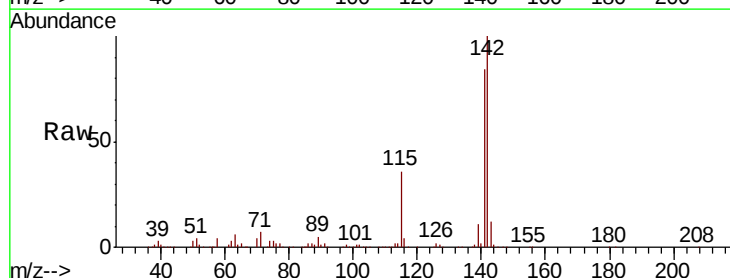
Manual Integrations
APPROVED

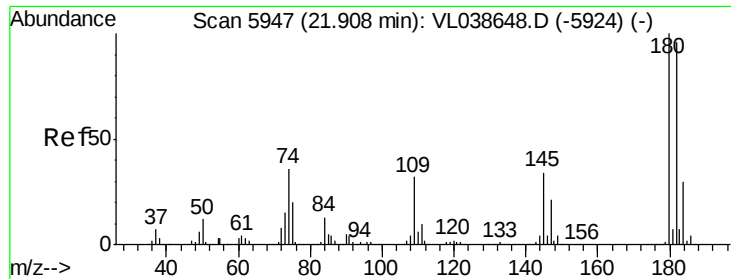
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#80
Naphthalene, 2-methyl-
Concen: 13.501 ppbv
RT: 24.98 min Scan# 6903
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:142 Resp: 662856
Ion Ratio Lower Upper
142 100
141 80.2 66.4 99.6
115 34.8 27.8 41.6





#81
 1,2,4-Trichlorobenzene
 Concen: 11.297 ppbv
 RT: 21.94
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0330ABS02
 Acq: 31 Mar 2022 9.44

Tot Ion:1
 Ion Rati
 180 100
 182 98.
 184 31.

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