

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112921\
 Data File : VL038128.D
 Acq On : 29 Nov 2021 10:07
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Quant Time: Nov 30 05:33:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	978461	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2921885	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	2608002m	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2080096	11.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	1328723	8.221	ppbv	100
3) Chlorodifluoromethane	3.00	51	2078941	10.117	ppbv	98
4) Chloromethane	3.15	50	695831	9.948	ppbv	99
5) Vinyl Chloride	3.27	62	715565	10.428	ppbv	99
6) Bromomethane	3.49	94	388193	10.560	ppbv	96
7) Chloroethane	3.57	64	237466	9.751	ppbv	90
8) Dichlorotetrafluoroethane	3.20	85	1669035	10.381	ppbv	95
9) Propene	3.02	41	687646	9.087	ppbv	96
10) Heptane	8.13	43	1771006	9.469	ppbv	100
11) Trichlorofluoromethane	3.96	101	1678362	10.919	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	1233432	11.344	ppbv	97
13) Ethanol	3.62	45	64980m	8.885	ppbv	
14) Bromoethene	3.75	108	510006	10.475	ppbv	98
15) Acetone	3.86	43	834224	9.834	ppbv	98
16) 1,3-Butadiene	3.34	39	681957	10.304	ppbv	96
17) tert-Butyl alcohol	4.30	59	1014183	9.855	ppbv	99
18) 1,1-Dichloroethene	4.30	96	533605	10.698	ppbv	98
19) Isopropyl Alcohol	3.98	45	540865	8.824	ppbv	# 98
20) Methylene Chloride	4.35	84	475776	10.013	ppbv	97
21) Allyl Chloride	4.42	41	820954	10.455	ppbv	99
22) trans-1,2-Dichloroethene	4.90	96	578472	11.450	ppbv	97
23) Vinyl Acetate	5.08	43	1363456	11.102	ppbv	99
24) 1,1-Dichloroethane	5.02	63	1143809	11.185	ppbv	98
25) Ethyl Acetate	5.69	43	2652297	9.407	ppbv	99
26) Hexane	5.70	57	1253028	9.220	ppbv	98
27) Carbon Disulfide	4.56	76	1315694	10.808	ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1268919	10.992	ppbv	99
29) Chloroform	5.76	83	2012547	10.048	ppbv	97
30) Cyclohexane	7.14	84	1146790	9.295	ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1077764	8.337	ppbv	97
32) 1,1,1-Trichloroethane	6.52	97	2082074	10.243	ppbv	99
34) 2-Butanone	5.25	43	888943	7.545	ppbv	99
35) Carbon Tetrachloride	7.03	117	2121208	10.332	ppbv	99
36) Benzene	6.90	78	2775990	9.524	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1569775	11.152	ppbv	98
38) Trichloroethene	7.84	130	984559	8.955	ppbv	96
39) 1,2-Dichloropropane	7.62	63	1099004	9.830	ppbv	95
40) 1,4-Dioxane	7.84	88	264973	9.097	ppbv	# 1
41) Tetrahydrofuran	6.06	42	672280	9.192	ppbv	99
42) Bromodichloromethane	7.80	83	2248159	10.505	ppbv	100
43) Methyl Methacrylate	8.02	69	1029501	10.324	ppbv	98

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Instrument :
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 ClientSampleId :
 VSTDCCC010

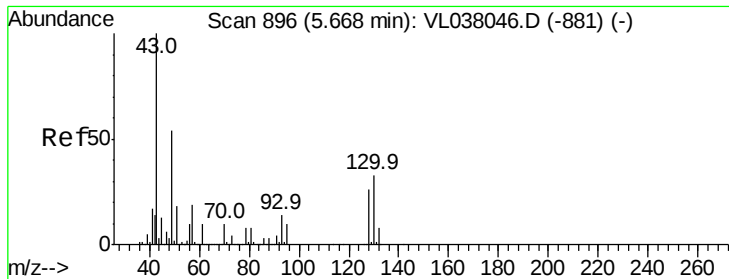
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	4534161	9.298	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	925202	11.567	ppbv	96
46) cis-1,3-Dichloropropene	8.71	75	1172278	10.836	ppbv	96
47) 1,1,2-Trichloroethane	9.48	97	1111652	9.494	ppbv	97
48) Dibromochloromethane	10.31	129	1820273	10.208	ppbv	97
49) Bromoform	13.05	173	1307292	10.247	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	1825438	10.202	ppbv	99
51) 2-Hexanone	10.14	43	834458	9.913	ppbv #	99
52) Tetrachloroethene	11.23	164	911895	8.456	ppbv	95
53) Toluene	9.81	91	3128685	9.330	ppbv	99
54) 1,2-Dibromoethane	10.62	107	1618251	9.784	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1157912	9.780	ppbv	98
57) Chlorobenzene	12.15	112	2172649	9.295	ppbv	96
58) Ethyl Benzene	12.72	91	4087324	9.482	ppbv	98
59) m/p-Xylene	13.00	91	6803081m	18.748	ppbv	
60) o-Xylene	13.70	91	3140815	9.331	ppbv	97
61) Styrene	13.53	104	1726793	9.568	ppbv	97
62) Isopropylbenzene	14.67	105	4313266	9.027	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	2222516	8.889	ppbv	100
64) n-propylbenzene	15.56	120	1120147	9.202	ppbv	96
65) tert-Butylbenzene	16.75	119	3655356	8.683	ppbv	97
66) Benzyl Chloride	17.00	91	190822	8.944	ppbv #	96
67) sec-Butylbenzene	17.29	105	5125638	8.738	ppbv	99
69) p-Isopropyltoluene	17.66	119	4123920	8.988	ppbv	98
70) n-Butylbenzene	18.55	91	4084952	9.311	ppbv	99
71) 2-Chlorotoluene	15.46	91	3219470	9.216	ppbv	98
72) 4-Ethyltoluene	15.84	105	3694640	9.467	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	3218321	9.029	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	3319509	9.037	ppbv	92
75) 1,3-Dichlorobenzene	17.00	146	1839650	9.118	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1768628	8.711	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	1710460	8.756	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	947444	7.768	ppbv	98
79) Naphthalene	22.20	128	1766787	9.133	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	382429	9.225	ppbv	96
81) 1,2,4-Trichlorobenzene	21.93	180	979438	8.811	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDCCC010

Acq: 29 Nov 2021 10:07

Tot Ion:

Ion Ratio

49 100

128 52.

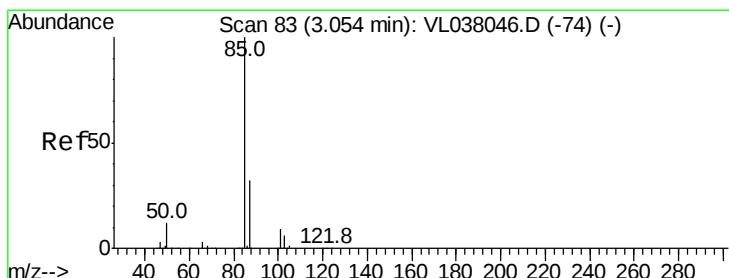
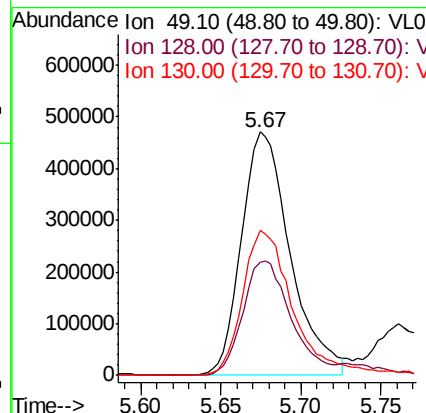
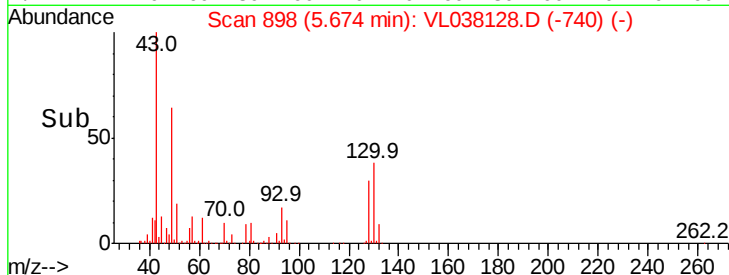
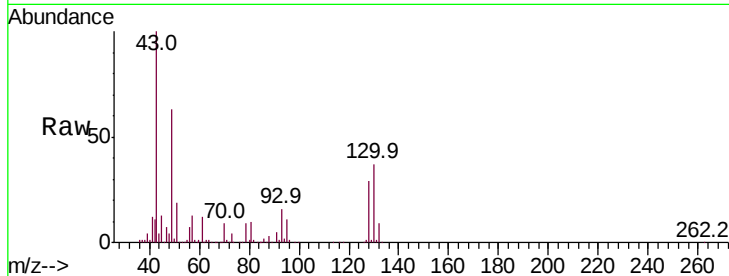
130 63.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#2

Dichlorodifluoromethane

Concen: 8.221 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.01 min

Lab File: VL038128.D

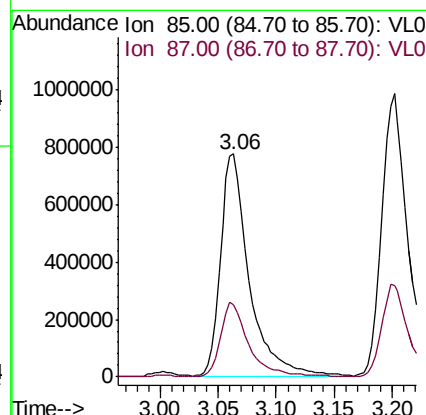
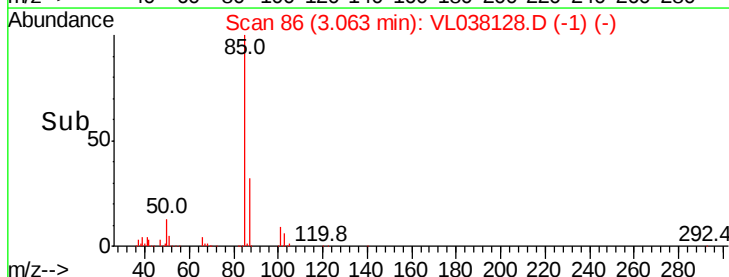
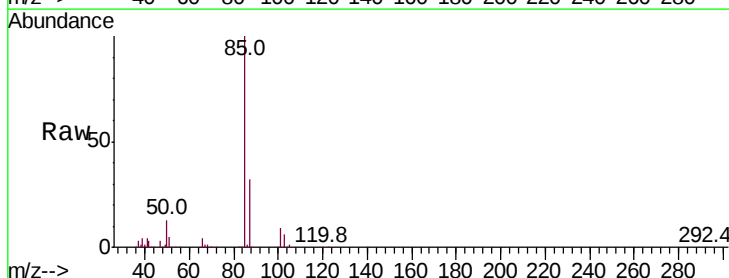
Acq: 29 Nov 2021 10:07

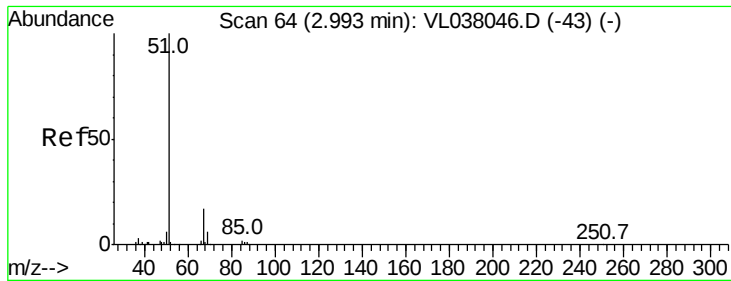
Tgt Ion: 85 Resp: 1328723

Ion Ratio Lower Upper

85 100

87 32.2 25.8 38.6





#3

Chlorodifluoromethane

Concen: 10.117 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDCCC010

Acq: 29 Nov 2021 10:07

Tot Ion:

Ion Ratio

51 100

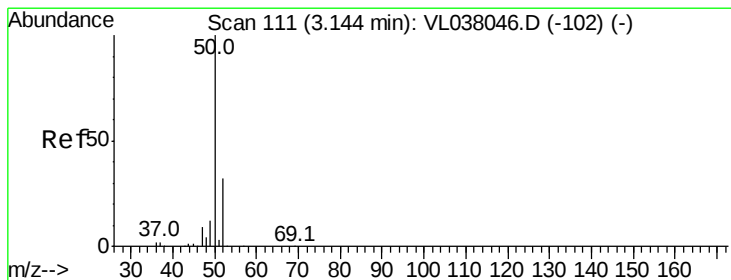
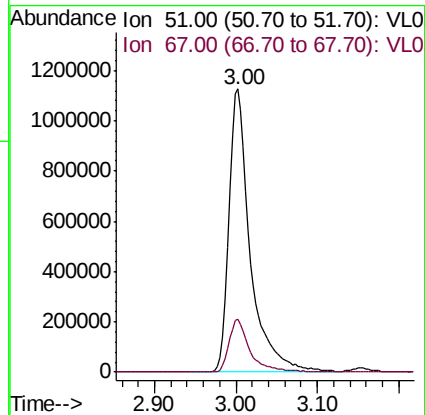
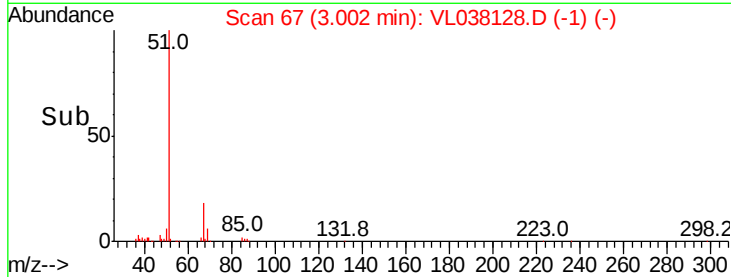
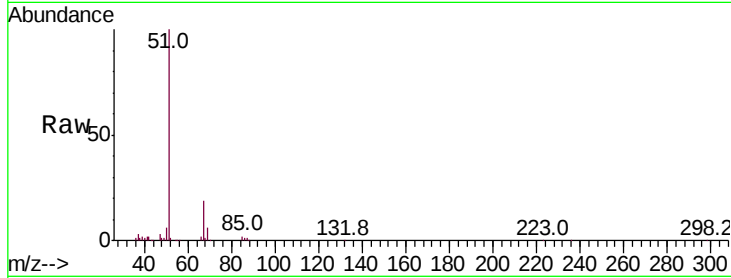
67 18.

Manual Integrations

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Supervised By :Mahesh Dadoda 12/01/2021



#4

Chloromethane

Concen: 9.948 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL038128.D

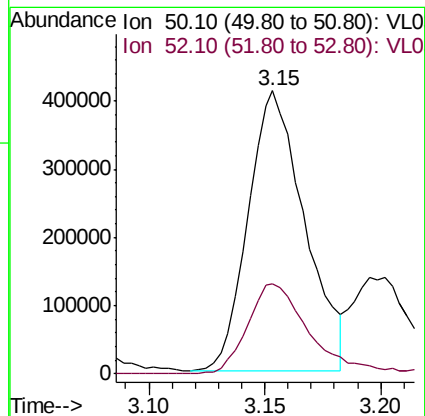
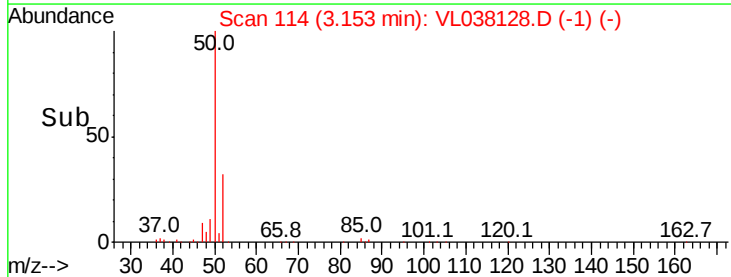
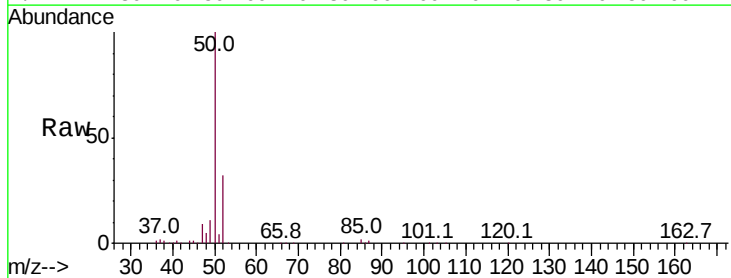
Acq: 29 Nov 2021 10:07

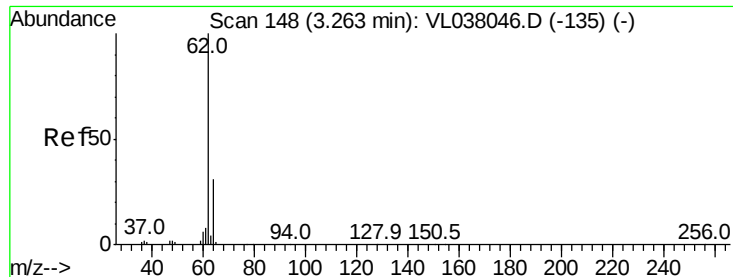
Tgt Ion: 50 Resp: 695831

Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.0





#5

Vinyl Chloride

Concen: 10.428 ppbv

RT: 3.27 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 29 Nov 2021 10:07

Tot Ion:

Ion Ratio

62 100

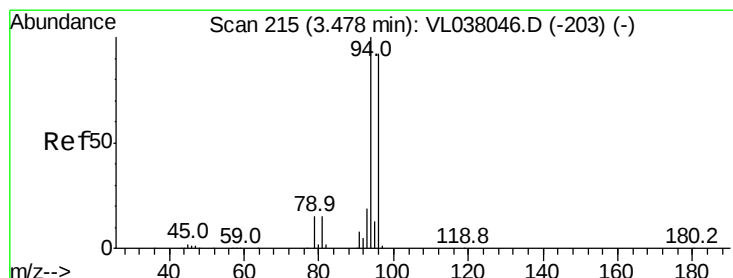
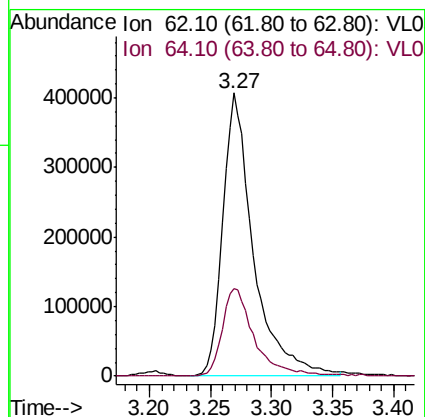
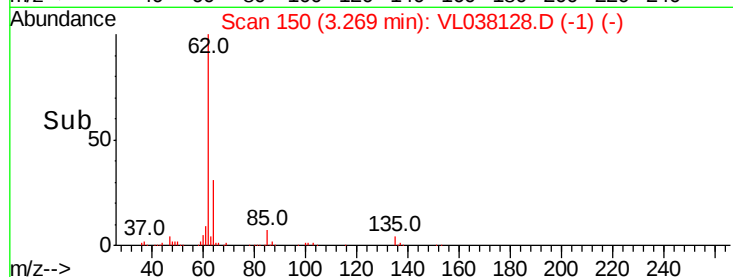
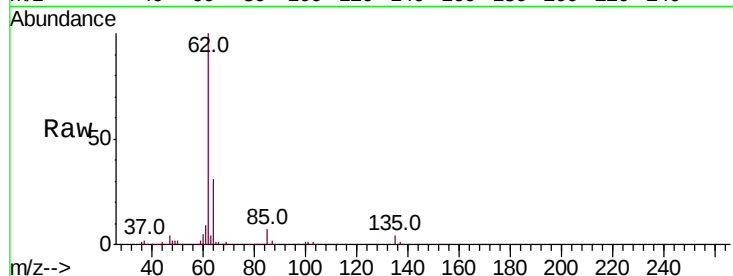
64 30.

Manual Integrations

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Supervised By :Mahesh Dadoda 12/01/2021



#6

Bromomethane

Concen: 10.560 ppbv

RT: 3.49 min Scan# 218

Delta R.T. 0.01 min

Lab File: VL038128.D

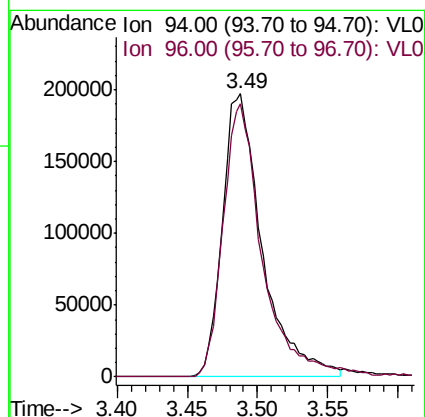
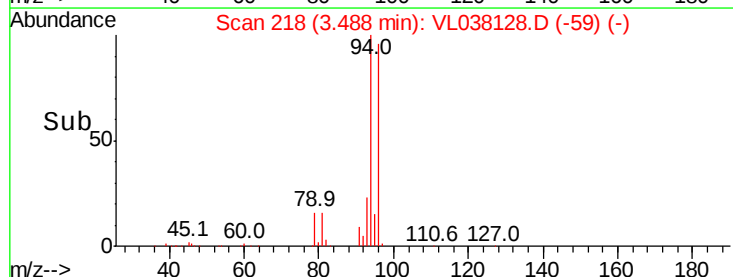
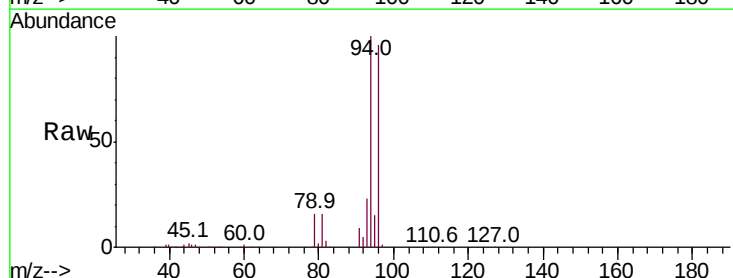
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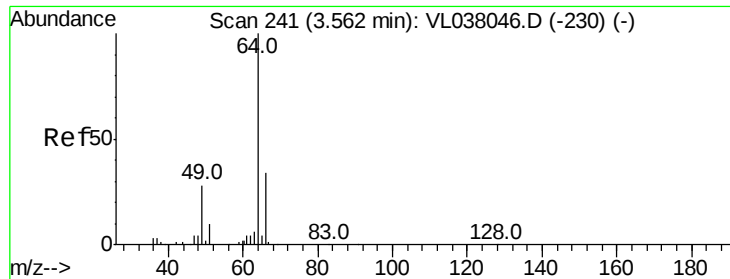
Tgt Ion: 94 Resp: 388193

Ion Ratio Lower Upper

94 100

96 96.4 73.9 110.9





#7

Chloroethane

Concen: 9.751 ppbv

RT: 3.57

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Nov 2021 10:07

Tot Ion:

Ion Ratio

64 100

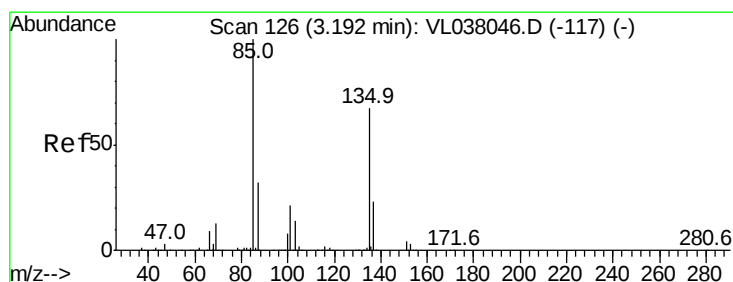
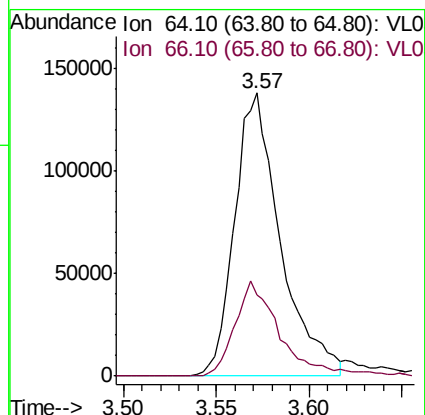
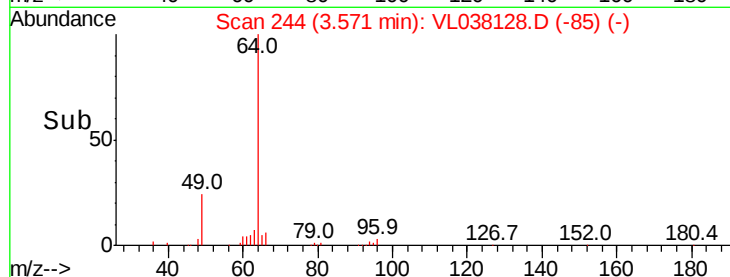
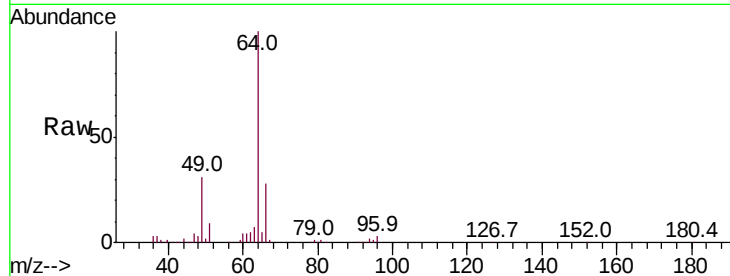
66 28.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#8

Dichlorotetrafluoroethane

Concen: 10.381 ppbv

RT: 3.20 min Scan# 129

Delta R.T. 0.01 min

Lab File: VL038128.D

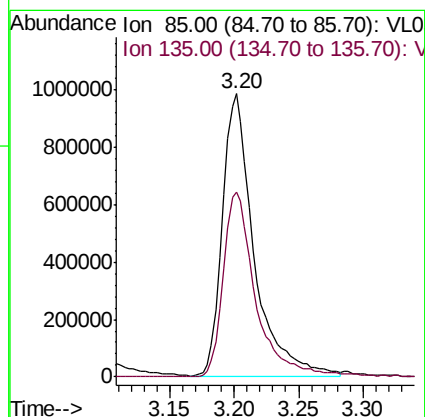
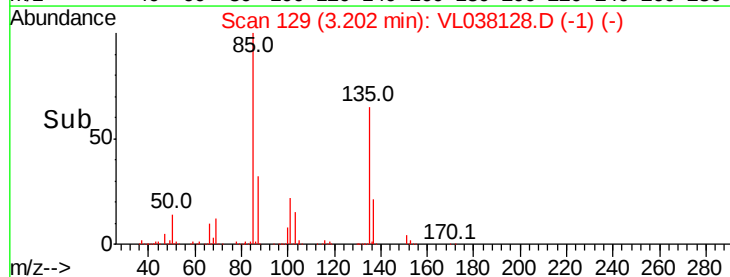
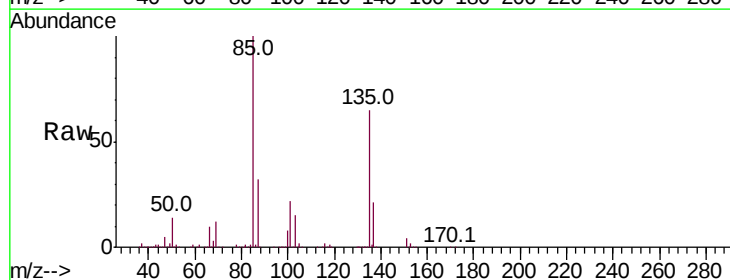
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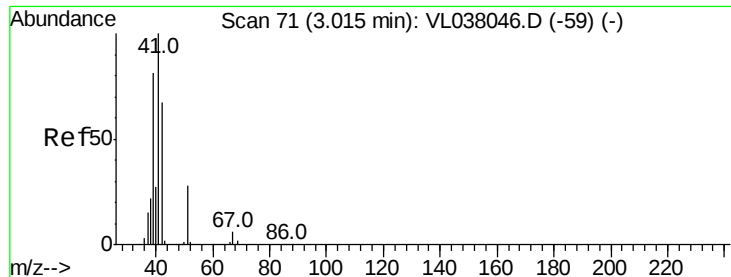
Tgt Ion: 85 Resp: 1669035

Ion Ratio Lower Upper

85 100

135 68.4 57.9 86.9



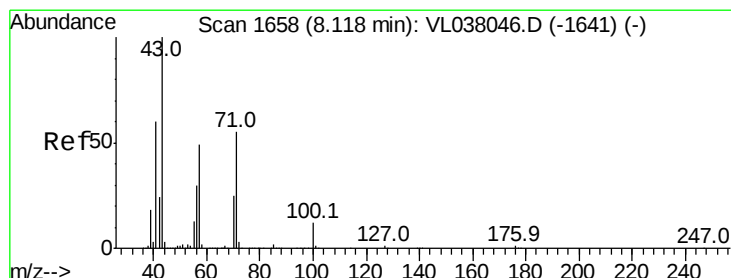
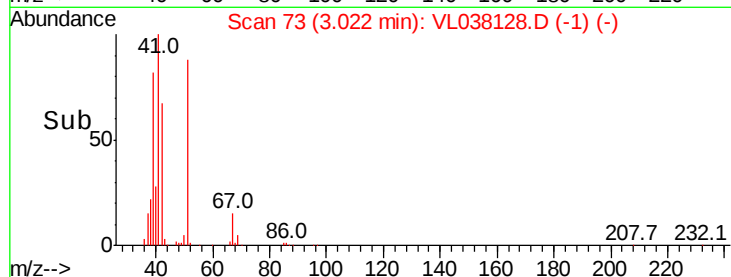
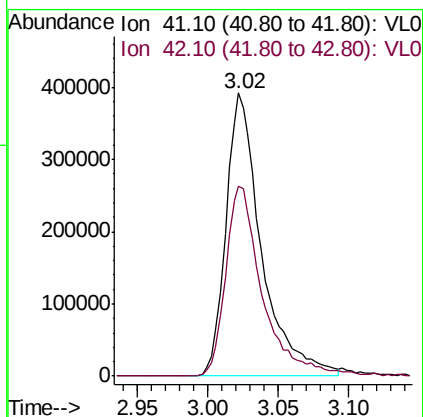
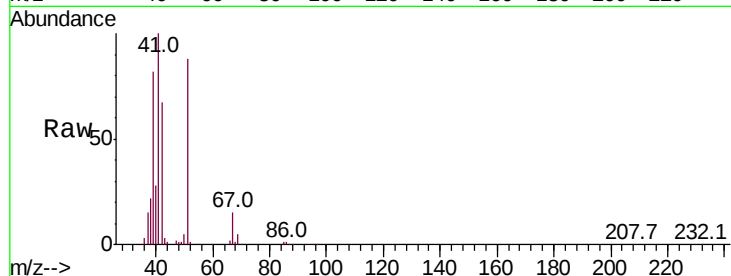


#9
 Propene
 Concen: 9.087 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 29 Nov 2021 10:07

Tot Ion:
 Ion Ratio
 41 100
 42 70.

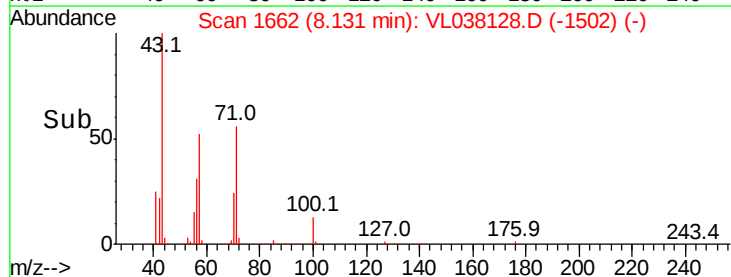
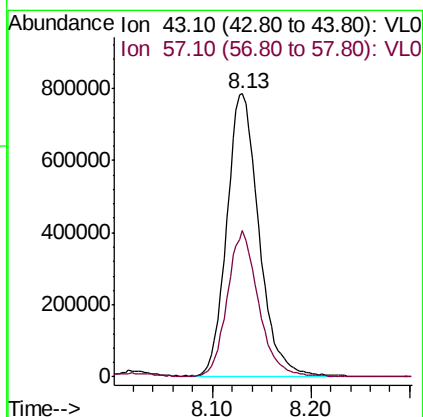
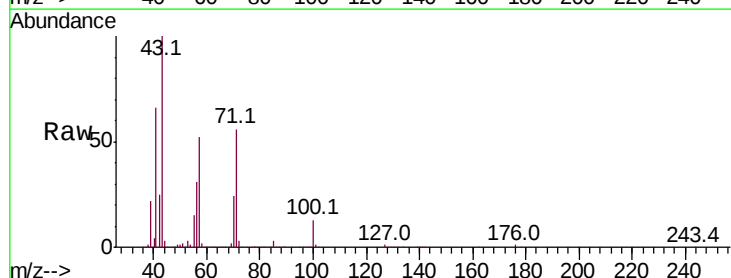
Manual Integrations
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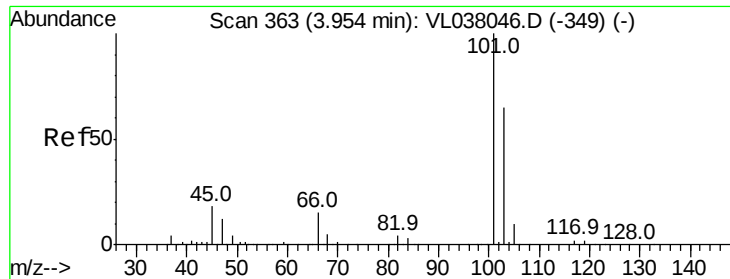
Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#10
 Heptane
 Concen: 9.469 ppbv
 RT: 8.13 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: VL038128.D
 Acq: 29 Nov 2021 10:07

Tgt Ion: 43 Resp: 1771006
 Ion Ratio Lower Upper
 43 100
 57 50.4 40.4 60.6



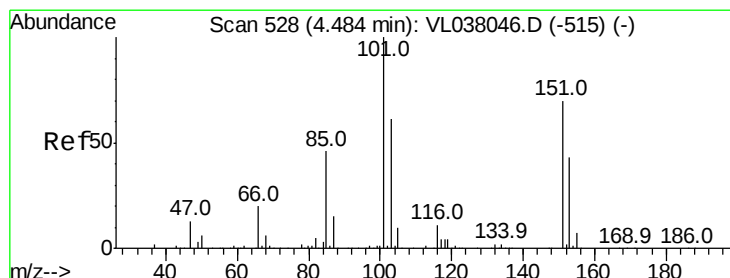
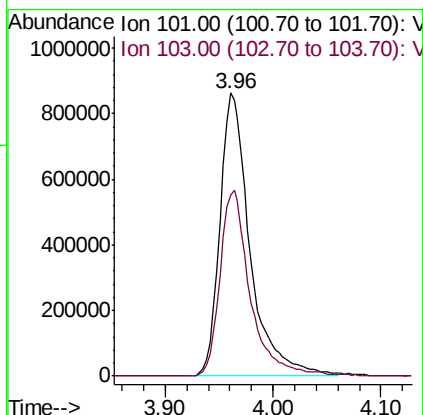
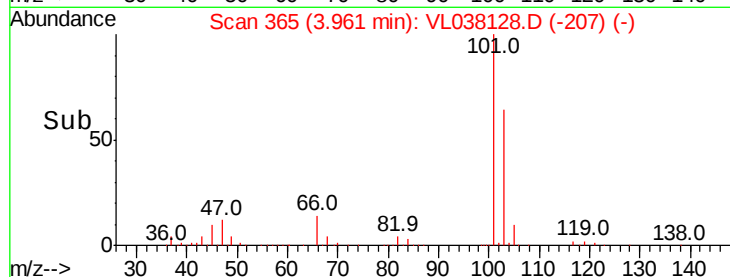
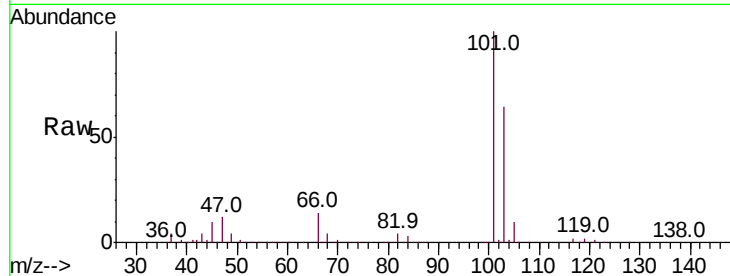


#11
 Trichlorofluoromethane
 Concen: 10.919 ppbv
 RT: 3.96
 Instrument: MSVOA_L
 Delta R.T.:
 ClientSampleId:
 Lab File: VSTDCCC010
 Acq: 29 Nov 2021 10:07

Tot Ion:1
 Ion Rati
 101 100
 103 63.

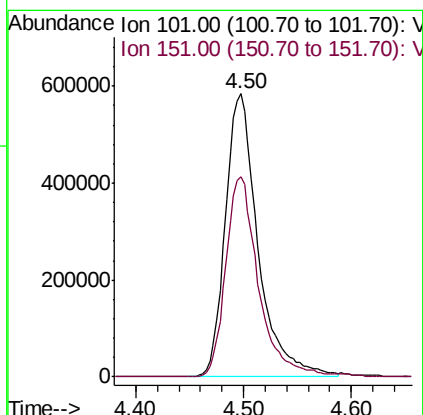
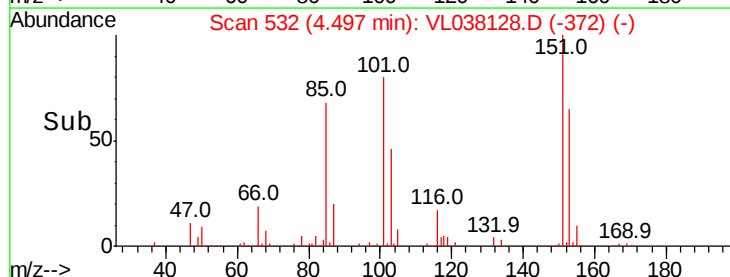
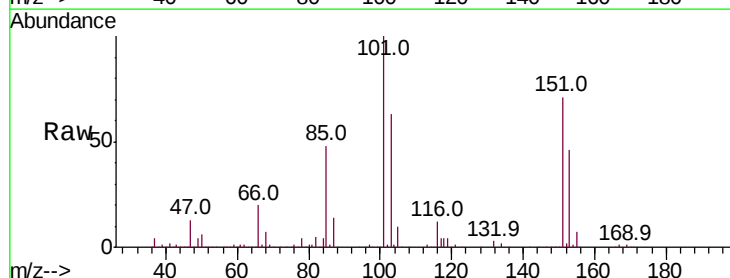
Manual Integrations
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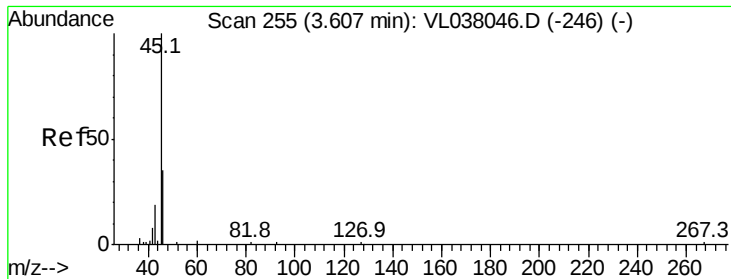
Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.344 ppbv
 RT: 4.50 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VL038128.D
 Acq: 29 Nov 2021 10:07

Tgt Ion:101 Resp: 1233432
 Ion Ratio Lower Upper
 101 100
 151 71.5 59.0 88.4





#13

Ethanol

Concen: 8.885 ppbv m

RT: 3.62 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Nov 2021 10:07 VSTDCCC010

Tot Ion:

Ion Ratio

45 100

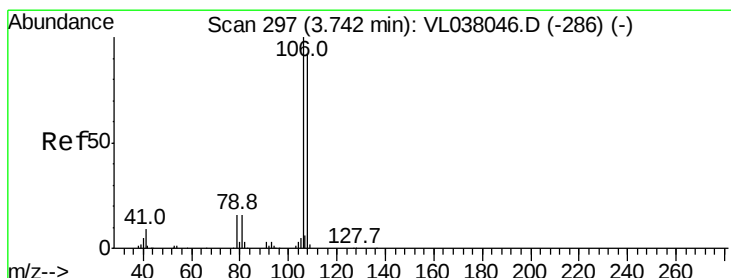
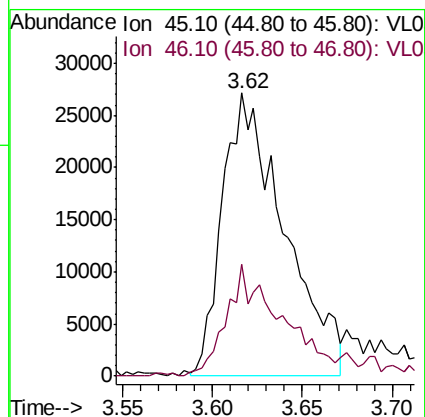
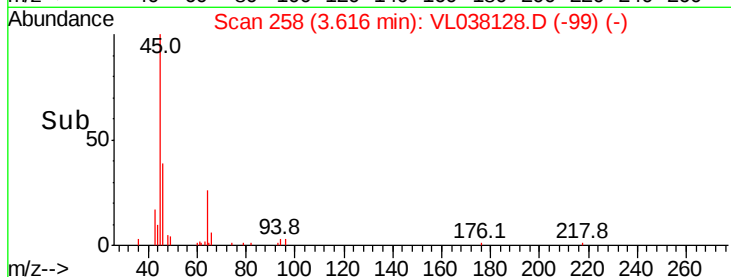
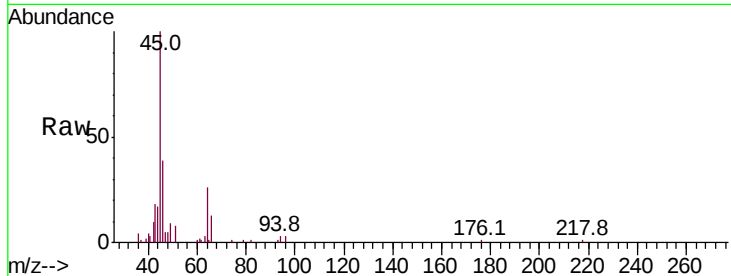
46 36.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#14

Bromoethene

Concen: 10.475 ppbv

RT: 3.75 min Scan# 300

Delta R.T. 0.01 min

Lab File: VL038128.D

Acq: 29 Nov 2021 10:07

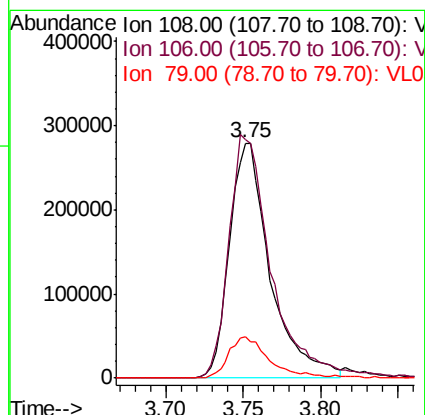
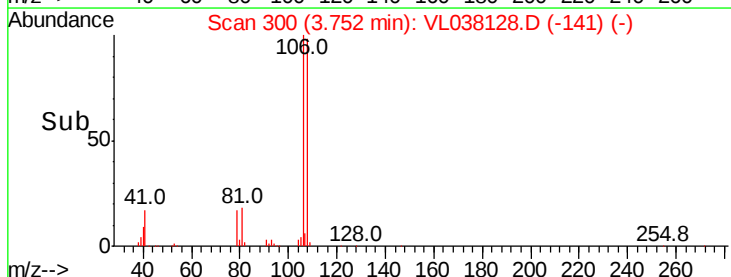
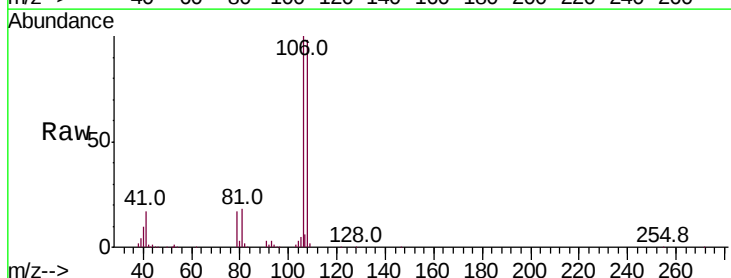
Tgt Ion:108 Resp: 510006

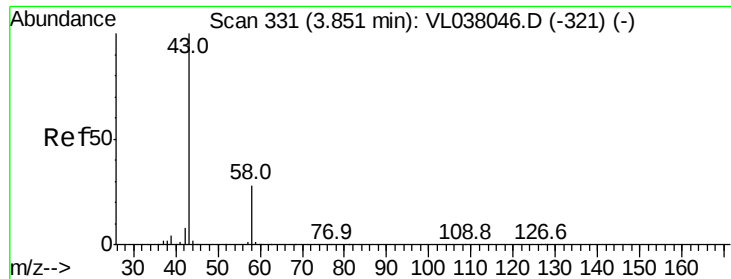
Ion Ratio Lower Upper

108 100

106 109.4 89.4 134.0

79 18.4 14.1 21.1





#15

Acetone

Concen: 9.834 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Nov 2021 10:07

Tot Ion:

Ion Ratio

43 100

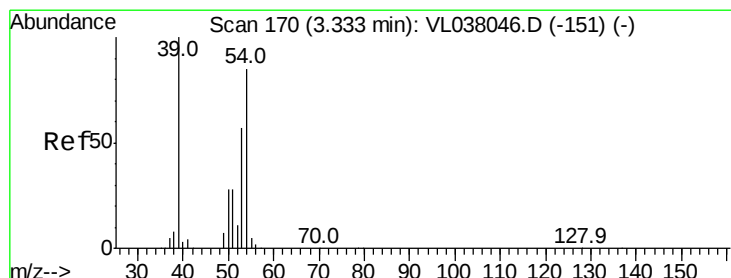
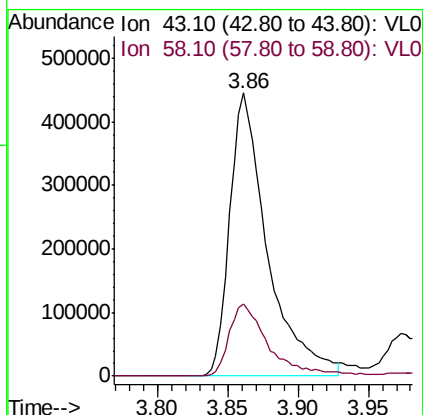
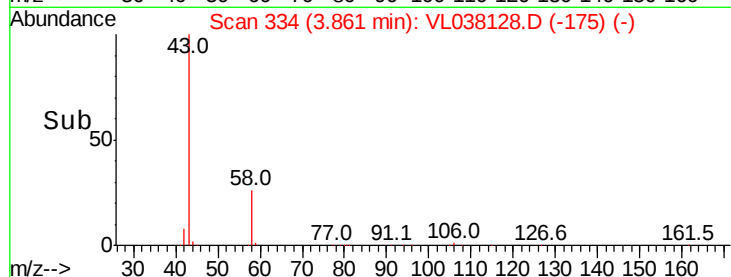
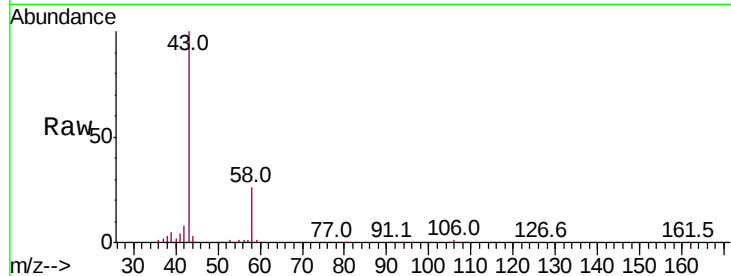
58 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#16

1,3-Butadiene

Concen: 10.304 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.01 min

Lab File: VL038128.D

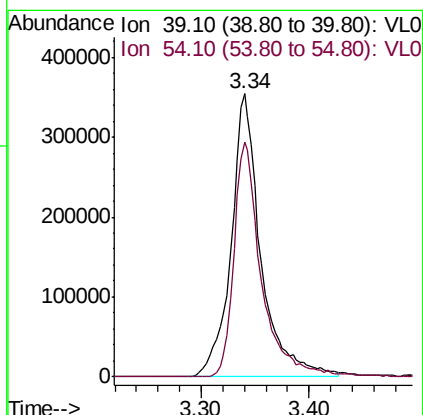
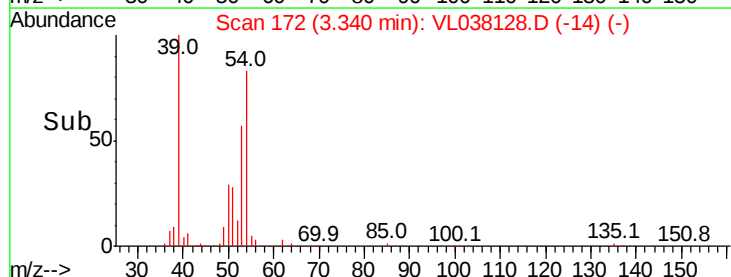
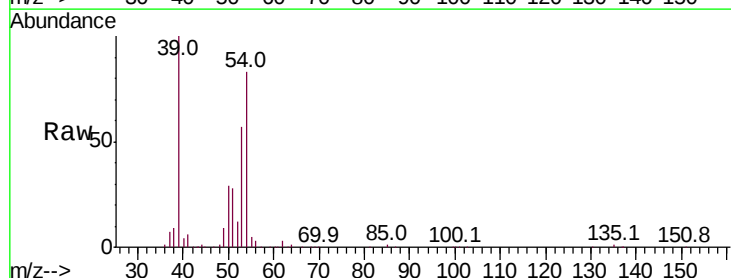
Acq: 29 Nov 2021 10:07

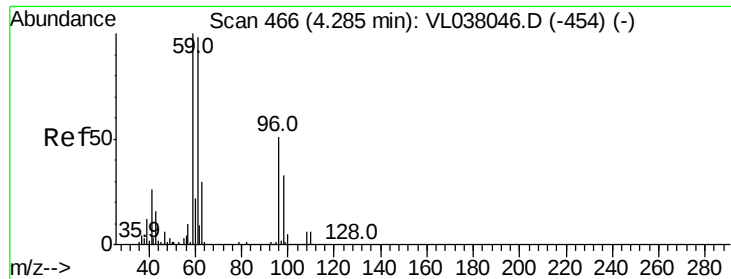
Tgt Ion: 39 Resp: 681957

Ion Ratio Lower Upper

39 100

54 77.3 64.4 96.6





#17

tert-Butyl alcohol

Concen: 9.855 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 29 Nov 2021 10:07 VSTDCCC010

Tot Ion:

Ion Ratio

59 100

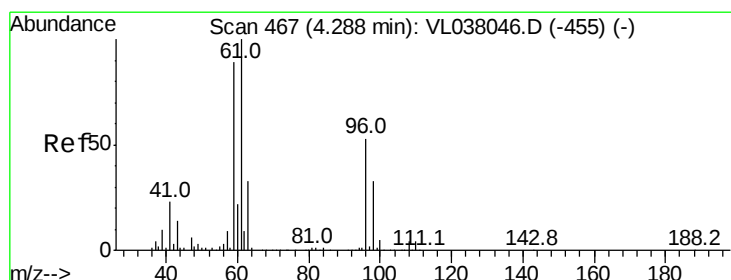
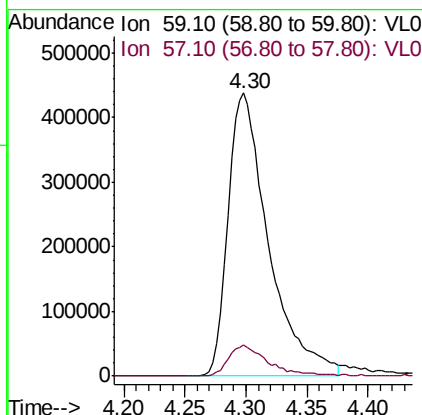
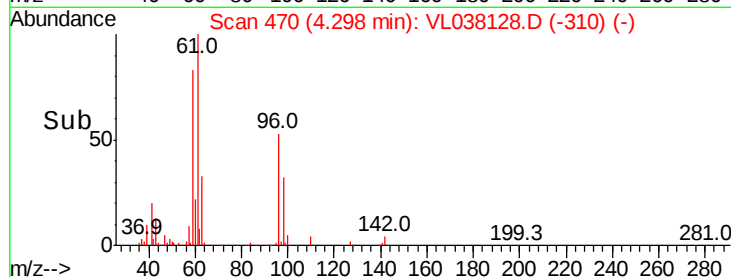
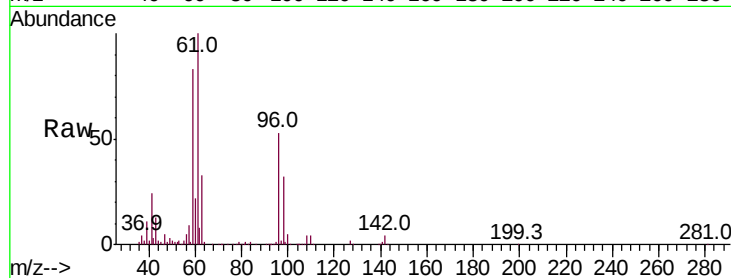
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#18

1,1-Dichloroethene

Concen: 10.698 ppbv

RT: 4.30 min Scan# 471

Delta R.T. 0.01 min

Lab File: VL038128.D

Acq: 29 Nov 2021 10:07

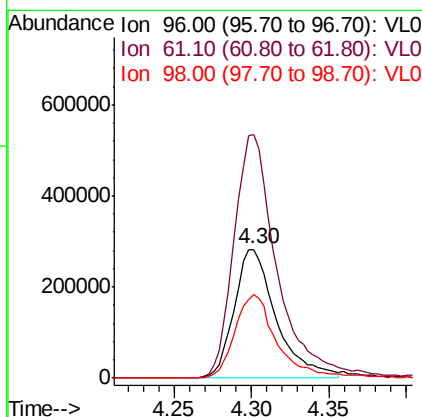
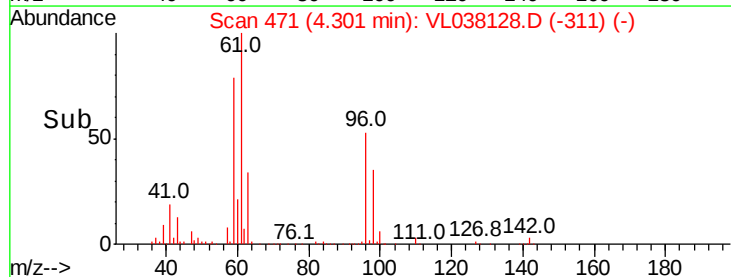
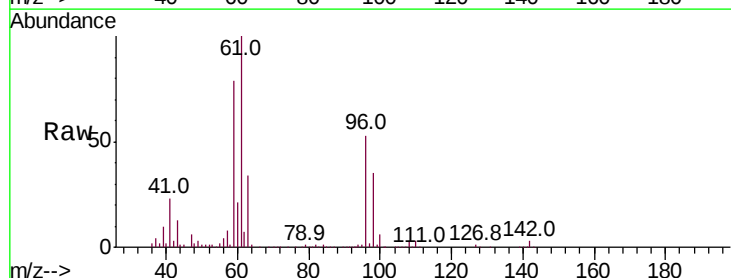
Tgt Ion: 96 Resp: 533605

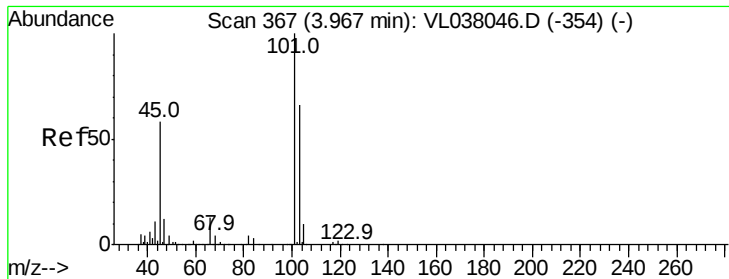
Ion Ratio Lower Upper

96 100

61 188.8 149.8 224.8

98 65.2 50.2 75.2





#19

Isopropyl Alcohol

Concen: 8.824 ppbv

RT: 3.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDCCC010

Acq: 29 Nov 2021 10:07

Tot Ion:

Ion Ratio

45 100

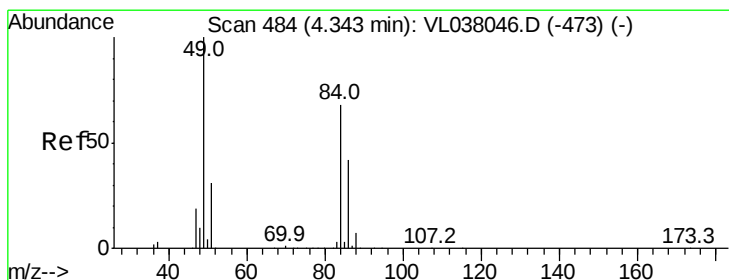
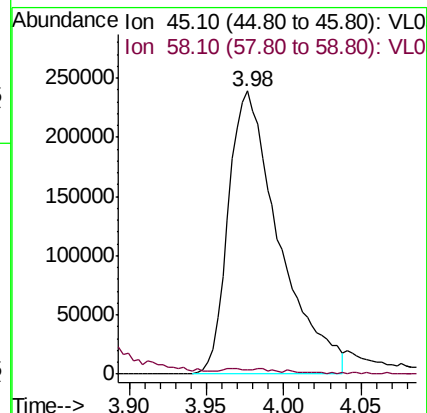
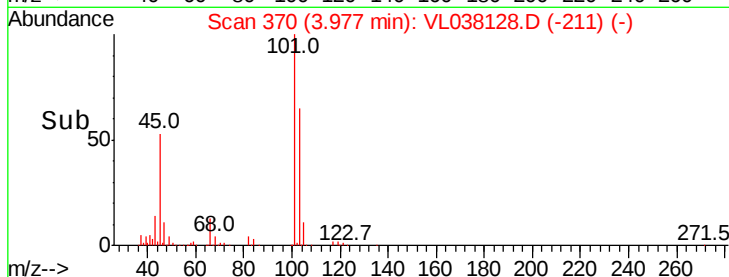
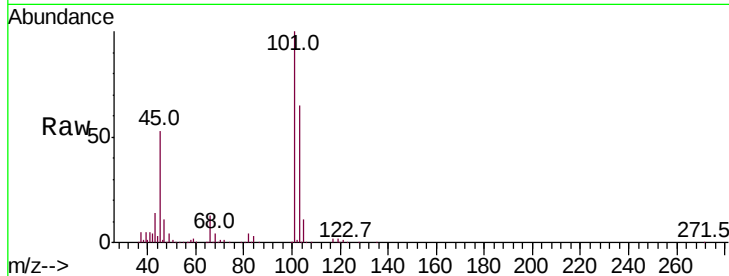
58 2.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#20

Methylene Chloride

Concen: 10.013 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL038128.D

Acq: 29 Nov 2021 10:07

Tgt Ion: 84 Resp: 475776

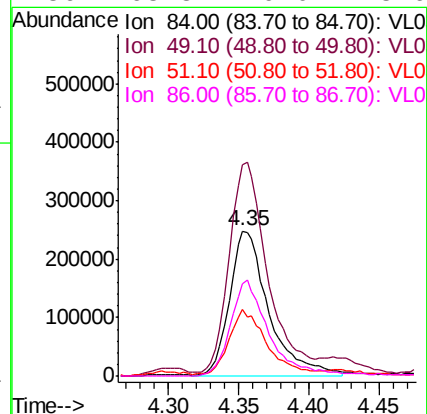
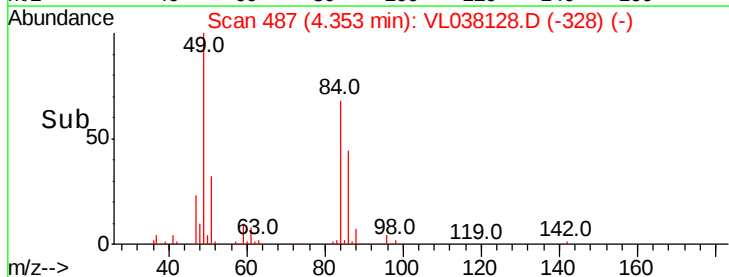
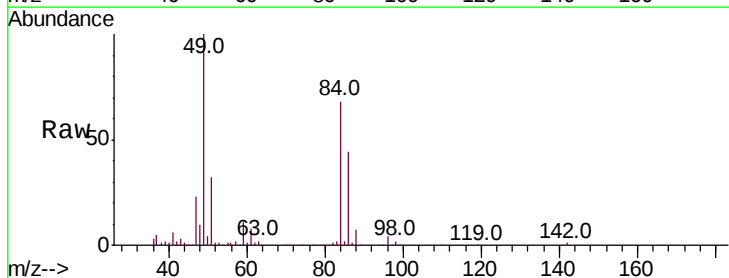
Ion Ratio Lower Upper

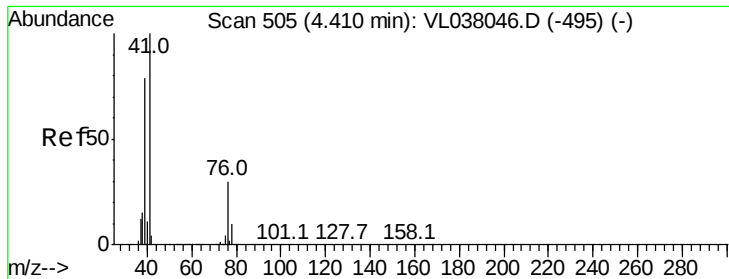
84 100

49 144.2 118.2 177.2

51 45.2 36.8 55.2

86 63.8 49.0 73.6



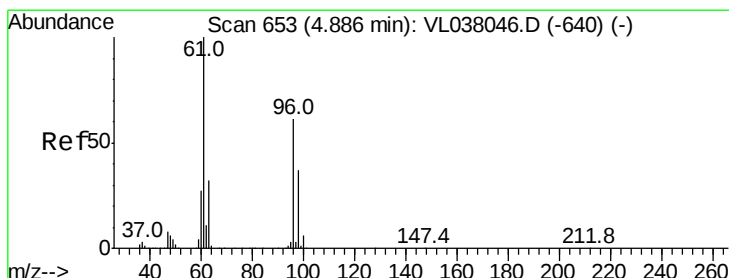
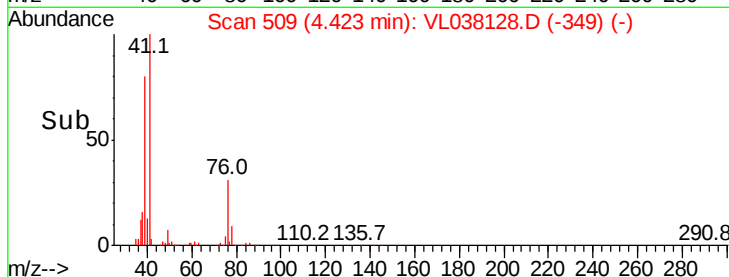
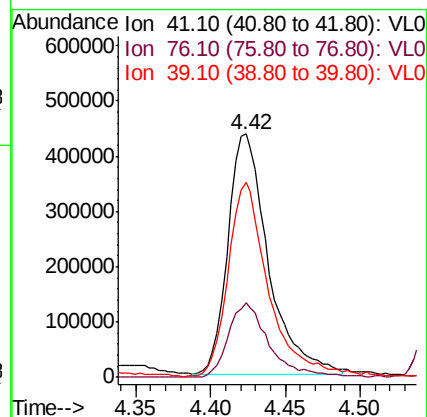
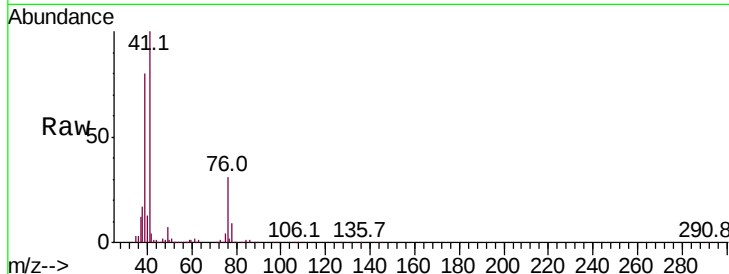


#21
 Allvl Chloride
 Concen: 10.455 ppbv
 RT: 4.42
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 29 Nov 2021 10:07

Tot Ion:
 Ion Ratio
 41 100
 76 31.
 39 80.

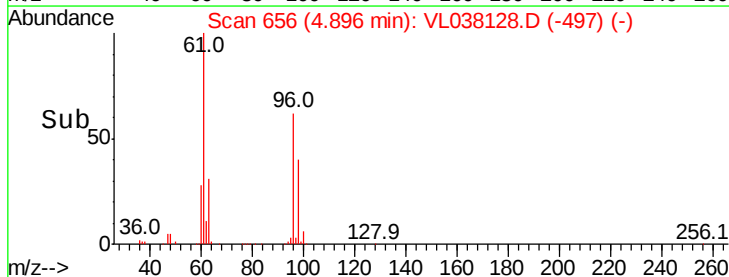
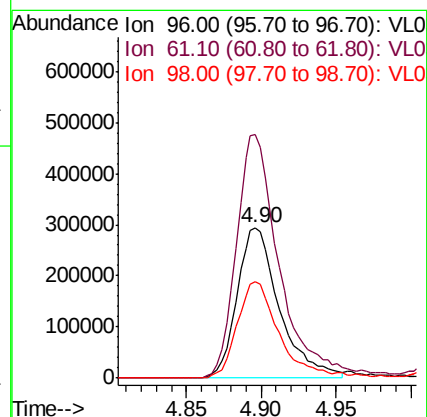
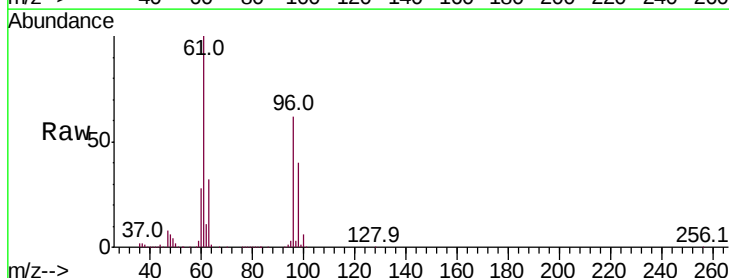
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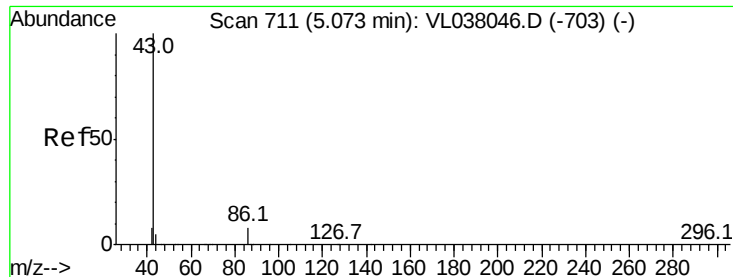
Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#22
 trans-1,2-Dichloroethene
 Concen: 11.450 ppbv
 RT: 4.90 min Scan# 656
 Delta R.T.: 0.01 min
 Lab File: VL038128.D
 Acq: 29 Nov 2021 10:07

Tgt Ion: 96 Resp: 578472
 Ion Ratio Lower Upper
 96 100
 61 161.8 131.6 197.4
 98 64.4 48.4 72.6





#23

Vinyl Acetate

Concen: 11.102 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDCCC010

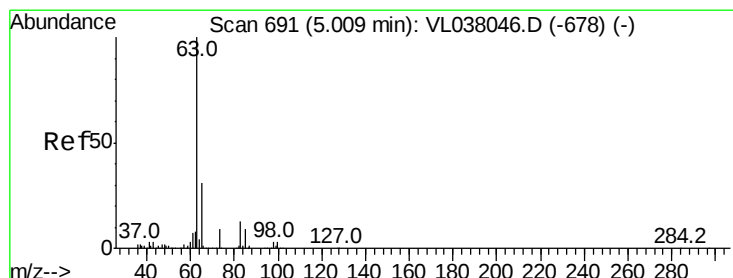
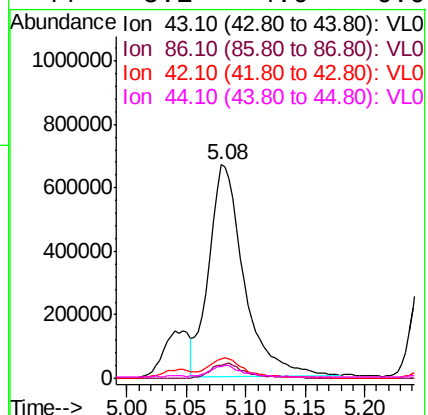
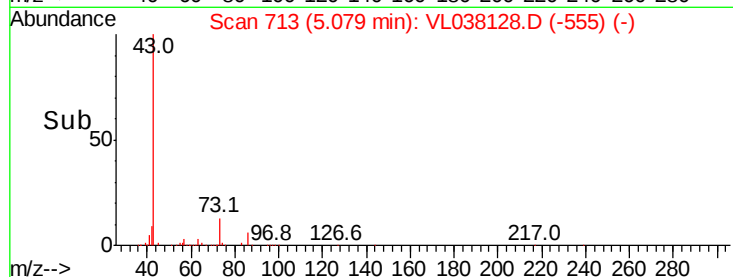
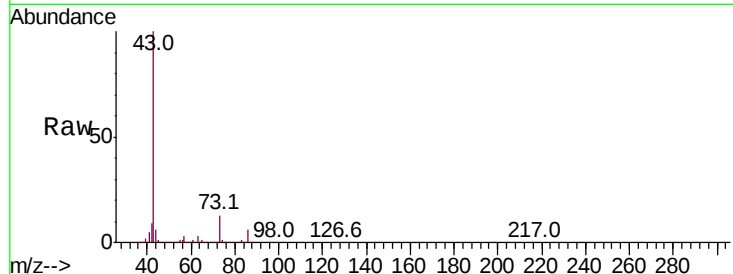
Acq: 29 Nov 2021 10:07

Tot Ion: 43.10 (42.80 to 43.80): VL0

Ion	Ratio	Lower	Upper
43	100		
86	6.1	1.8	5.4
42	9.1	1.4	4.0
44	5.1		

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#24

1,1-Dichloroethane

Concen: 11.185 ppbv

RT: 5.02 min Scan# 694

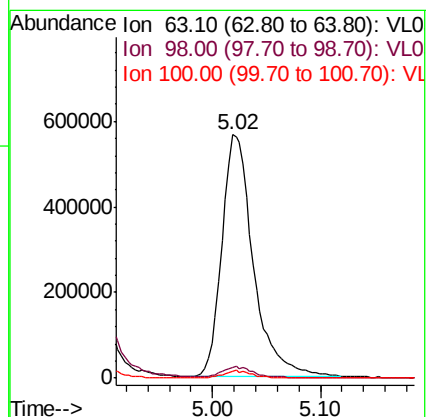
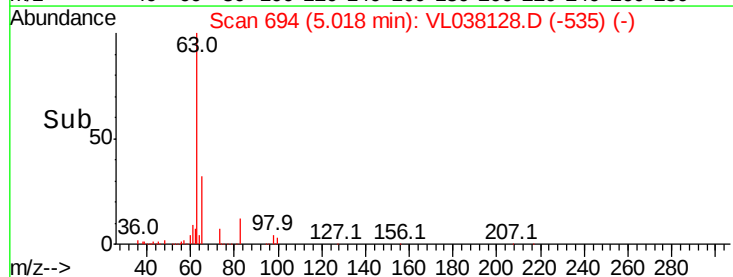
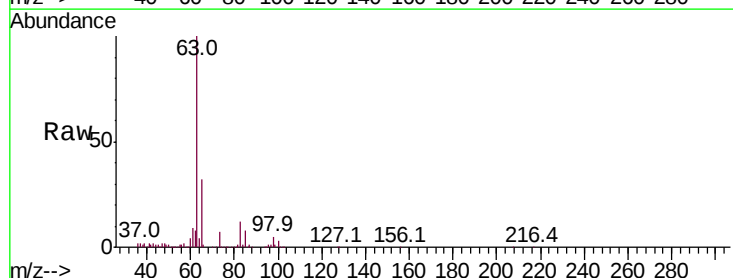
Delta R.T. 0.01 min

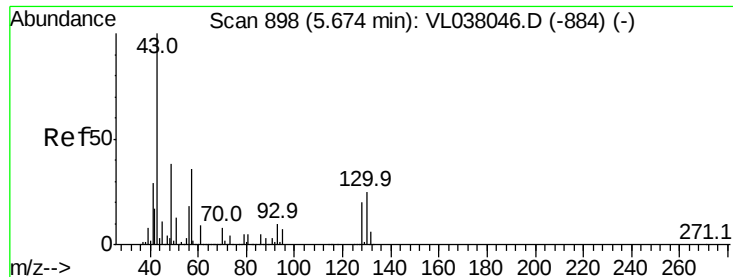
Lab File: VL038128.D

Acq: 29 Nov 2021 10:07

Tgt Ion: 63 Resp: 1143809

Ion	Ratio	Lower	Upper
63	100		
98	4.4	1.8	5.4
100	2.8	1.4	4.0



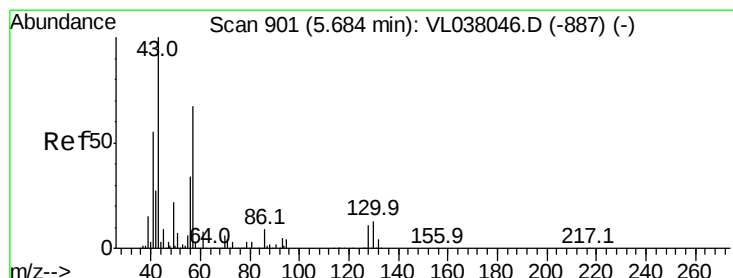
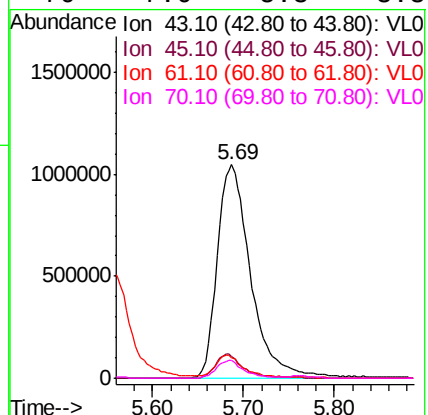
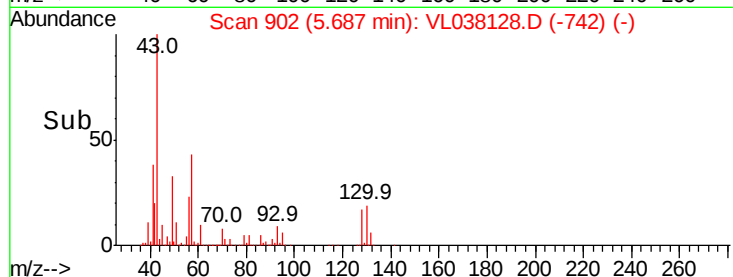
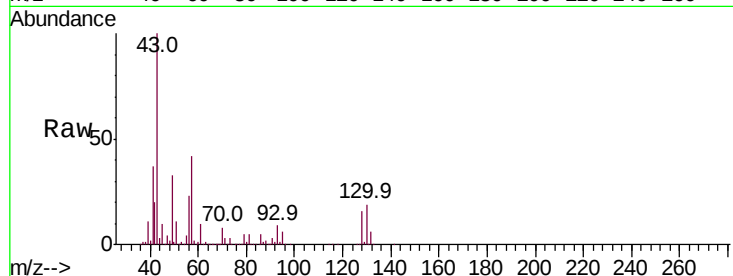


#25
Ethyl Acetate
Concen: 9.407 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 29 Nov 2021 10:07

Tot Ion:
Ion Ratio
43 100
45 9.
61 10.
70 7.0 5.8 8.8

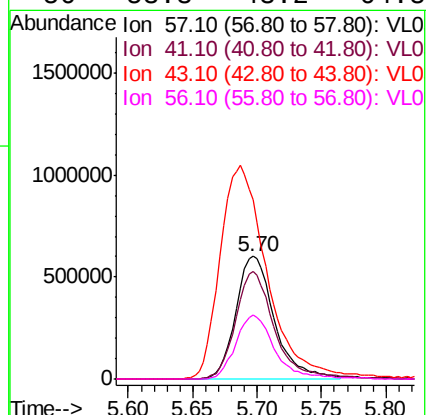
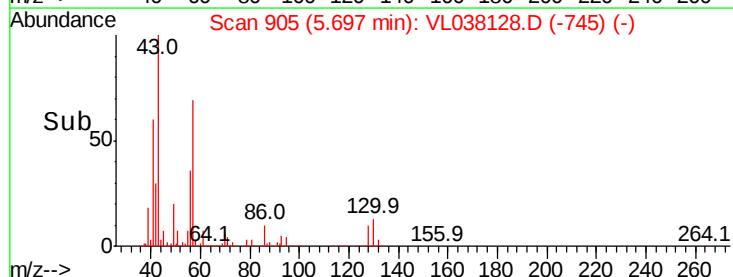
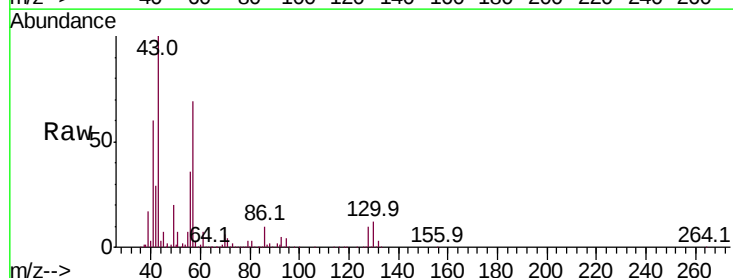
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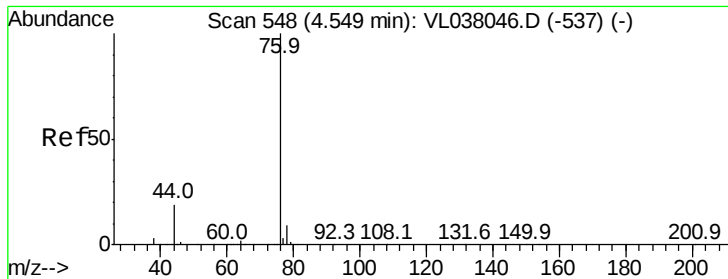
Reviewed By :Semsettin Yesilyurt 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#26
Hexane
Concen: 9.220 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL038128.D
Acq: 29 Nov 2021 10:07

Tgt Ion: 57 Resp: 1253028
Ion Ratio Lower Upper
57 100
41 89.3 71.4 107.2
43 214.5 174.6 261.8
56 53.3 43.2 64.8



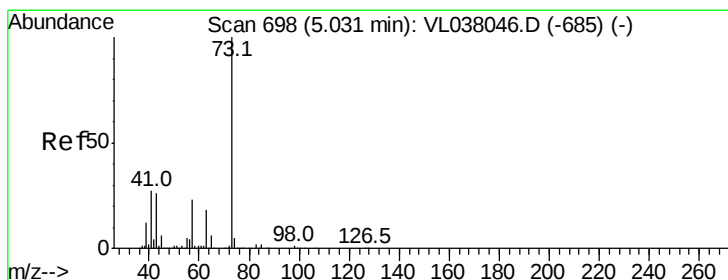
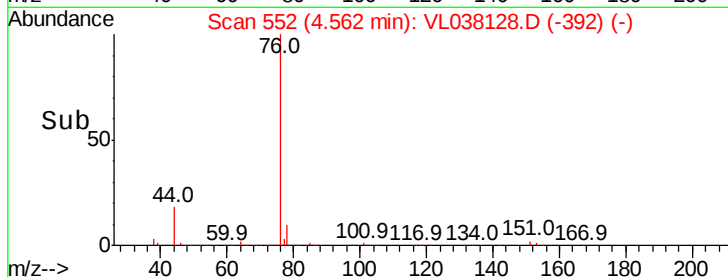
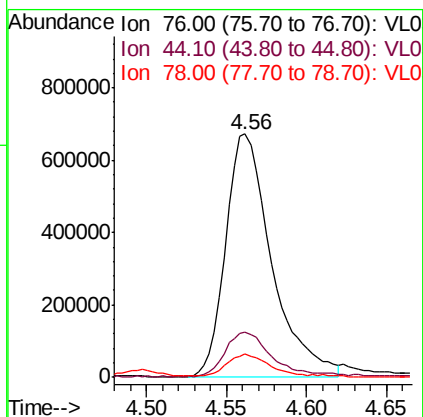
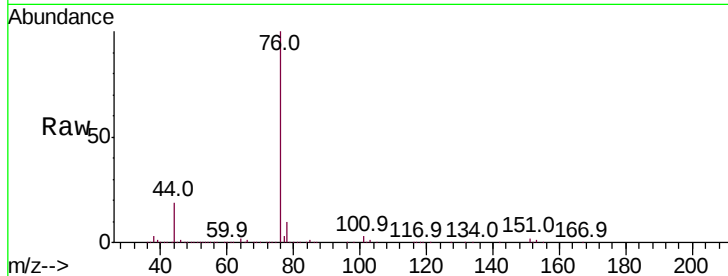


#27
Carbon Disulfide
Concen: 10.808 ppbv
RT: 4.56
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 29 Nov 2021 10:07

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

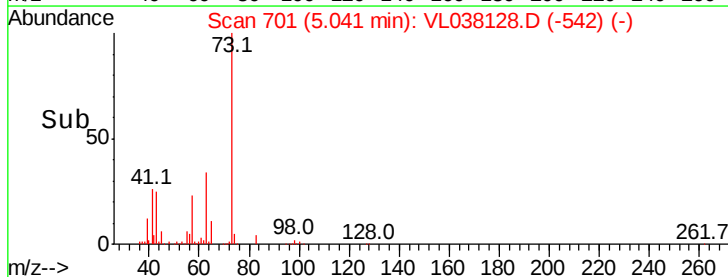
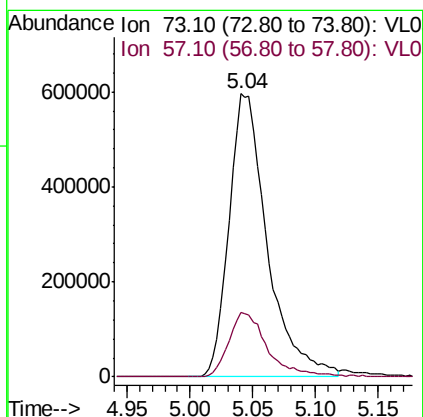
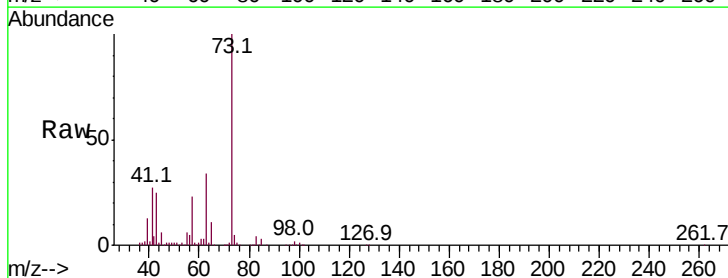
Manual Integrations
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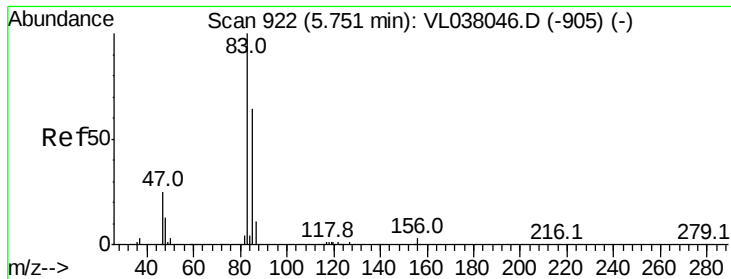
Reviewed By :Semsettin Yesilyurt 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#28
Methyl tert-Butyl Ether
Concen: 10.992 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.01 min
Lab File: VL038128.D
Acq: 29 Nov 2021 10:07

Tgt Ion: 73 Resp: 1268919
Ion Ratio Lower Upper
73 100
57 23.4 19.0 28.4



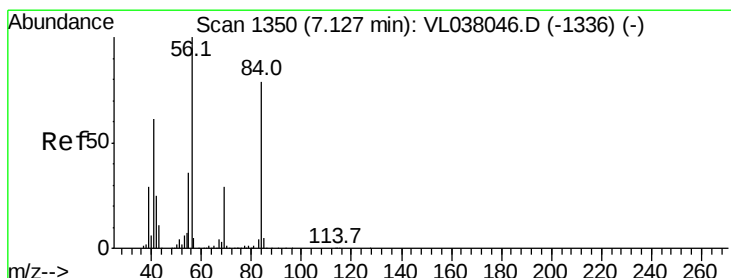
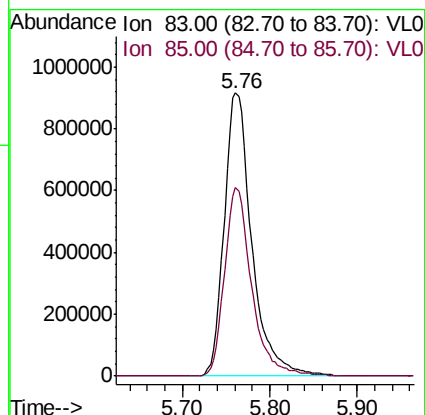
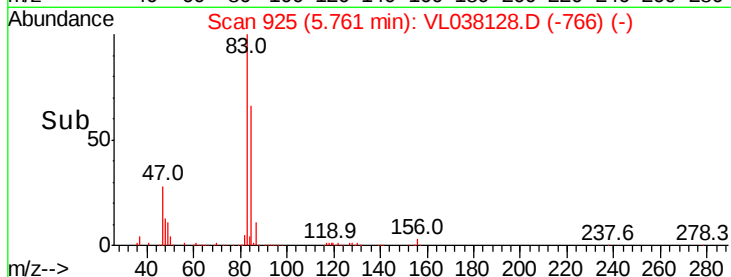
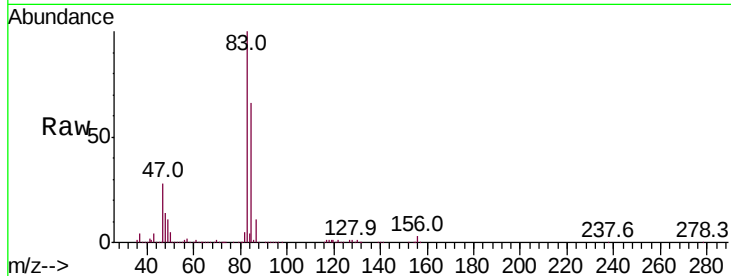


#29
Chloroform
Concen: 10.048 ppbv
RT: 5.76
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 29 Nov 2021 10:07

Tot Ion:
Ion Ratio
83 100
85 66.

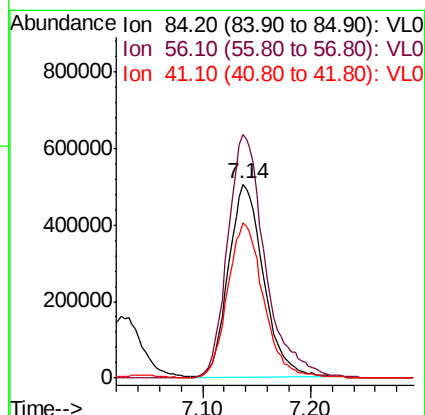
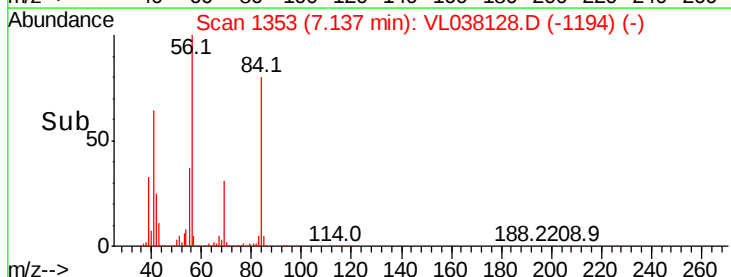
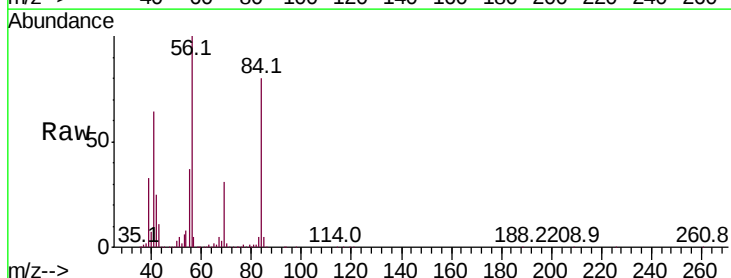
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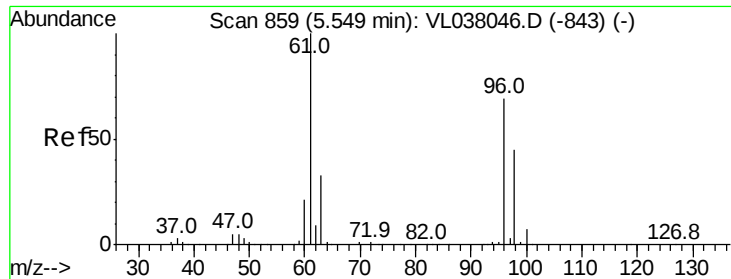
Reviewed By :Semsettin Yesilyurt 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#30
Cyclohexane
Concen: 9.295 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.01 min
Lab File: VL038128.D
Acq: 29 Nov 2021 10:07

Tgt Ion: 84 Resp: 1146790
Ion Ratio Lower Upper
84 100
56 135.1 108.1 162.1
41 82.6 64.4 96.6



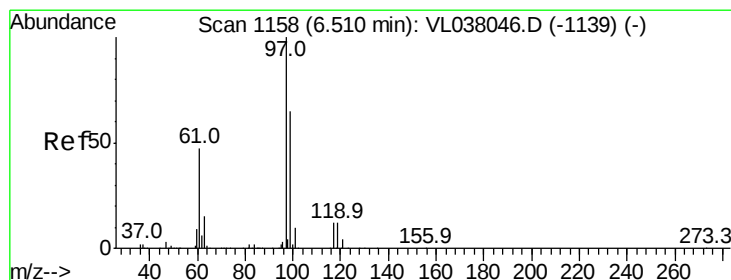
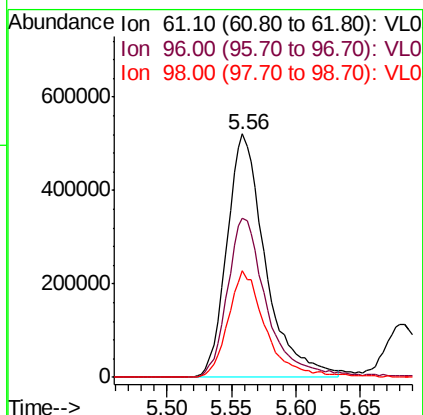
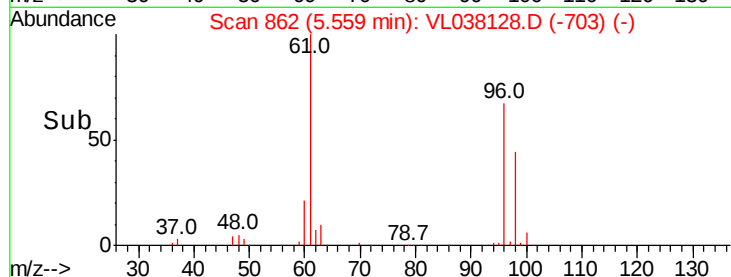
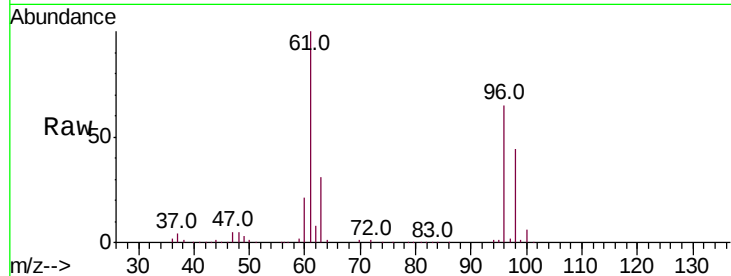


#31
 cis-1,2-Dichloroethene
 Concen: 8.337 ppbv
 RT: 5.56
 Instrument : MSVOA_1
 Delta R.T.:
 ClientSampleId :
 Lab File: VSTDCCC010
 Acq: 29 Nov 2021 10:07

Tot Ion:
 Ion Ratio
 61 100
 96 65.
 98 43.

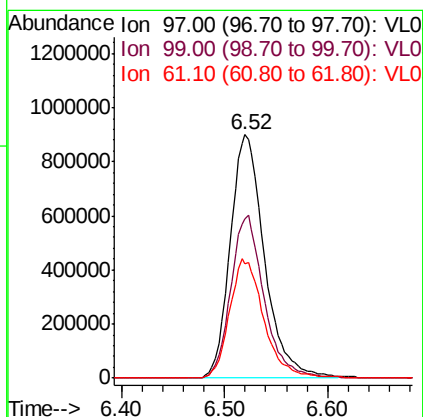
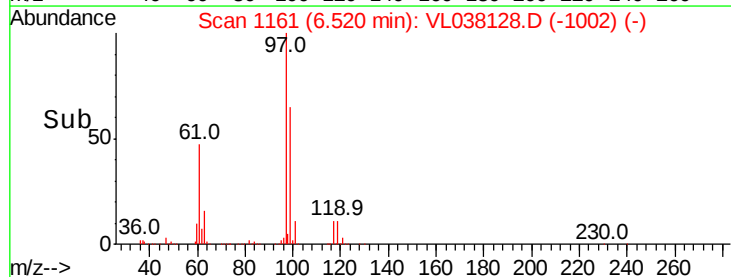
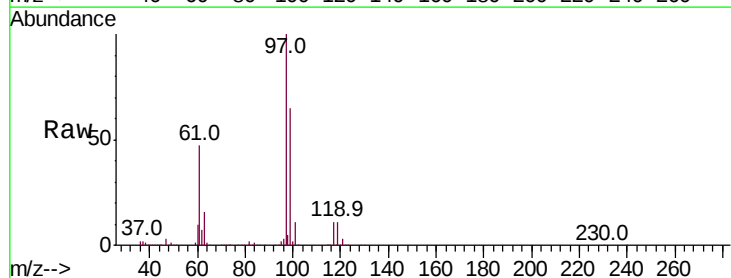
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Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#32
 1,1,1-Trichloroethane
 Concen: 10.243 ppbv
 RT: 6.52 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VL038128.D
 Acq: 29 Nov 2021 10:07

Tgt Ion: 97 Resp: 2082074
 Ion Ratio Lower Upper
 97 100
 99 65.4 52.2 78.4
 61 49.2 37.7 56.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

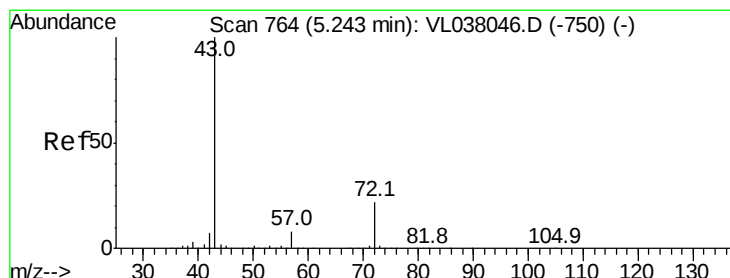
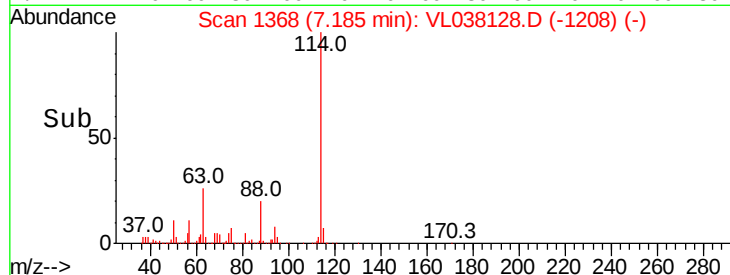
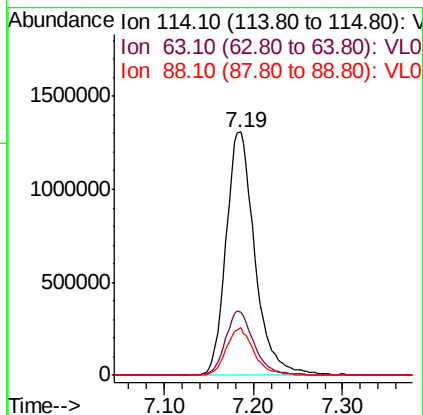
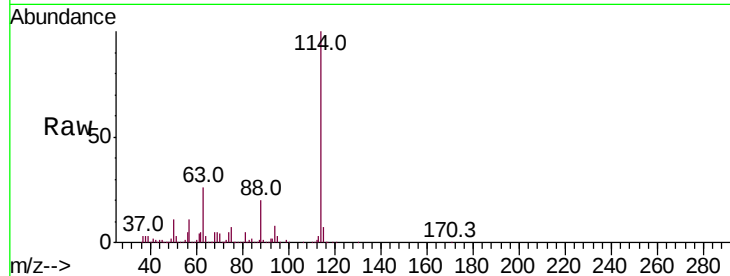
Lab File: VSTDCCC010

Acq: 29 Nov 2021 10:07

Tot Ion:1
Ion Rati
114 100
63 26.
88 18.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#34

2-Butanone

Concen: 7.545 ppbv

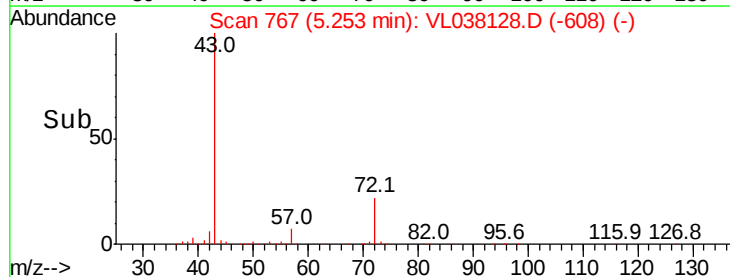
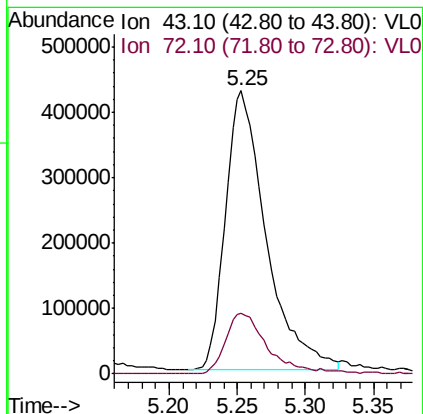
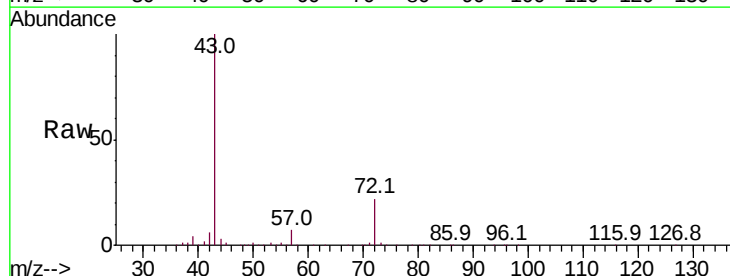
RT: 5.25 min Scan# 767

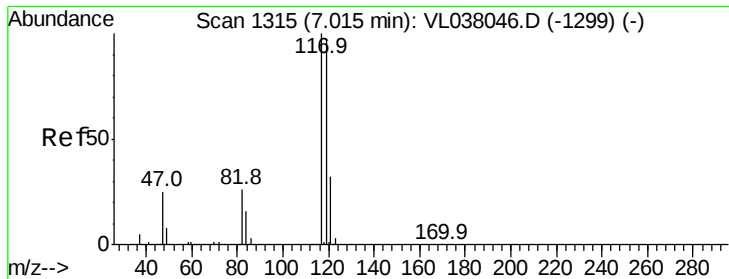
Delta R.T. 0.01 min

Lab File: VL038128.D

Acq: 29 Nov 2021 10:07

Tgt Ion: 43 Resp: 888943
Ion Ratio Lower Upper
43 100
72 22.8 18.8 28.2



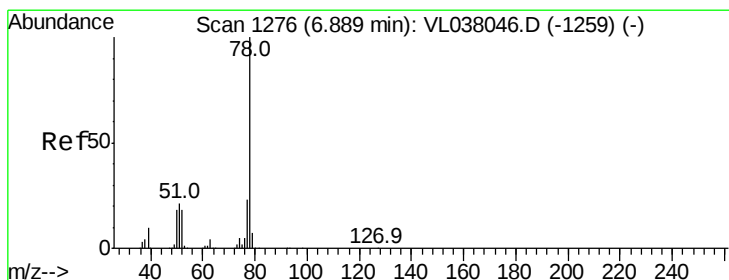
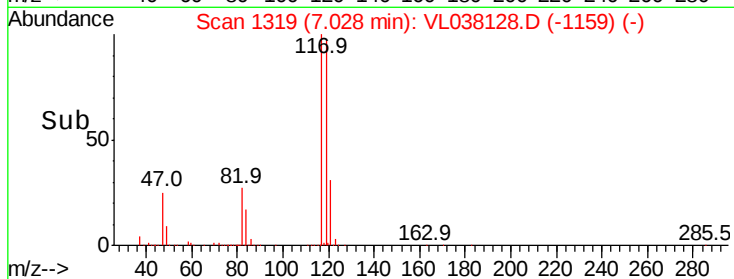
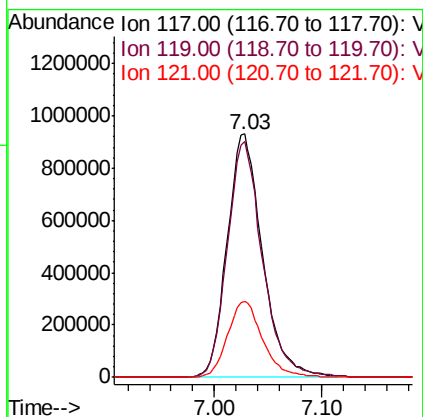
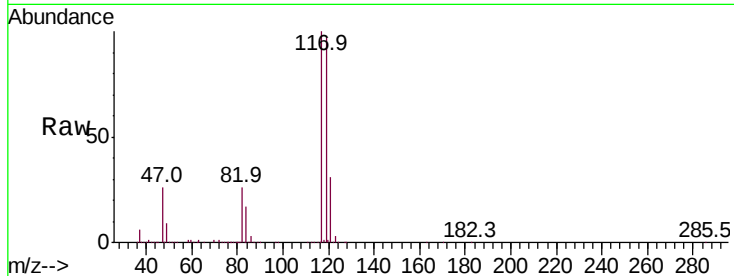


#35
Carbon Tetrachloride
Concen: 10.332 ppbv
RT: 7.03
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 29 Nov 2021 10:07

Tot Ion:1
Ion Rati
117 100
119 96.
121 31.

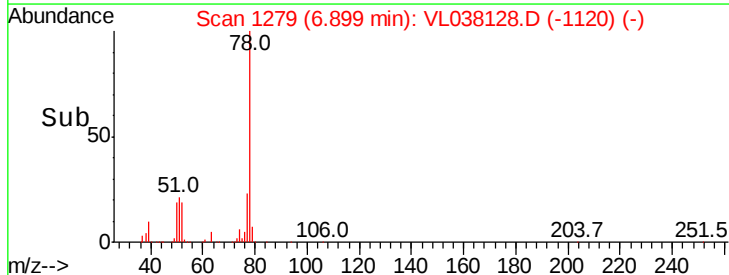
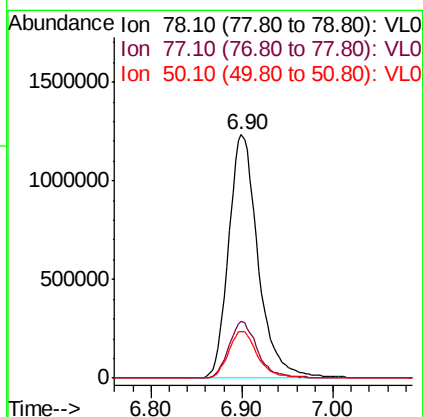
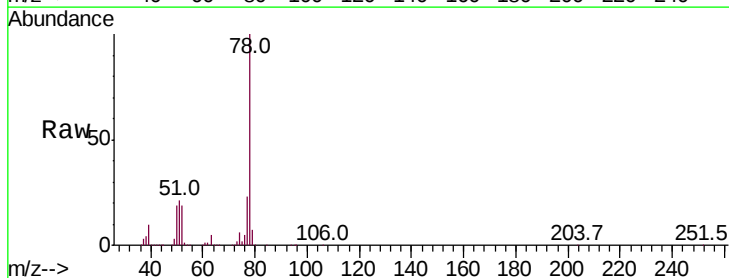
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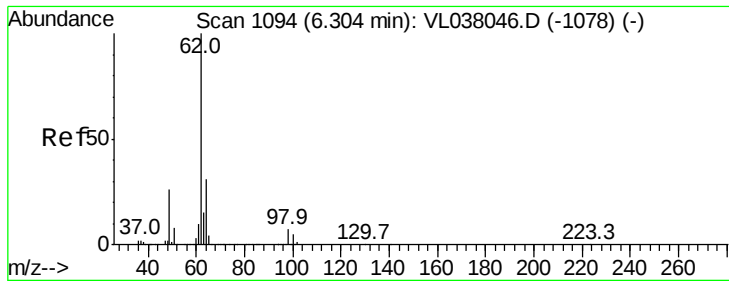
Reviewed By :Semsettin Yesilyurt 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#36
Benzene
Concen: 9.524 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VL038128.D
Acq: 29 Nov 2021 10:07

Tgt Ion: 78 Resp: 2775990
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.4
50 19.0 14.7 22.1



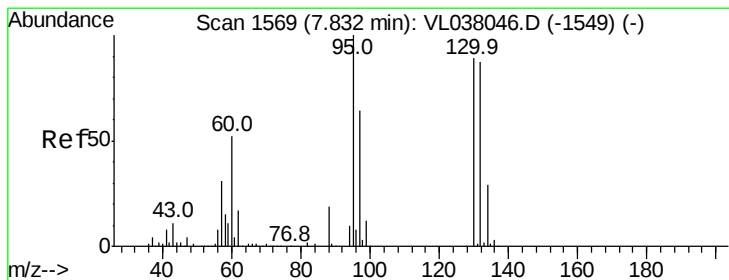
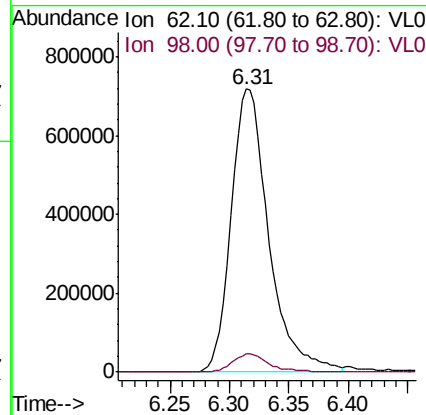
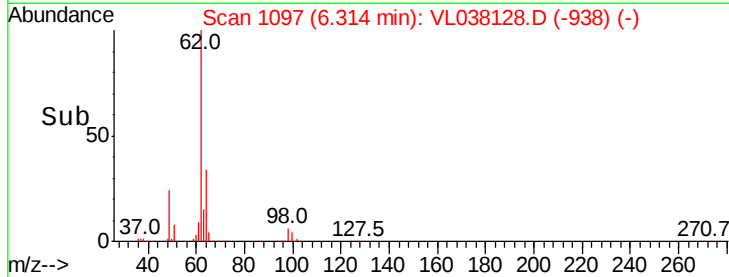
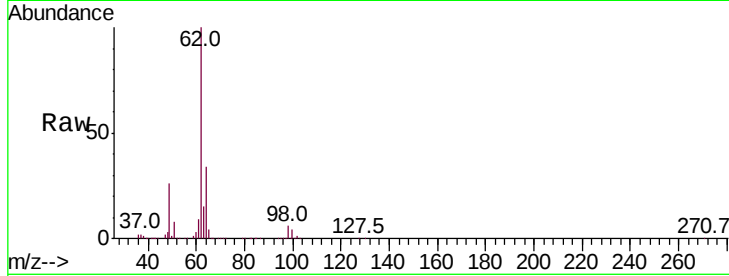


#37
 1,2-Dichloroethane
 Concen: 11.152 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 29 Nov 2021 10:07

Tot Ion:
 Ion Ratio
 62 100
 98 6.

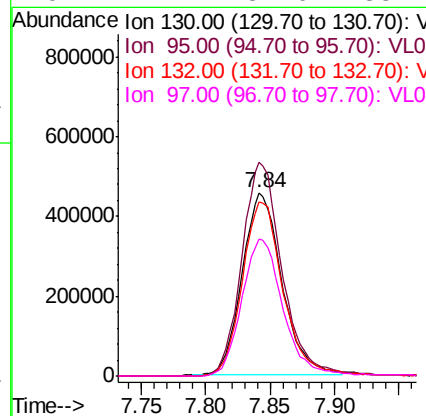
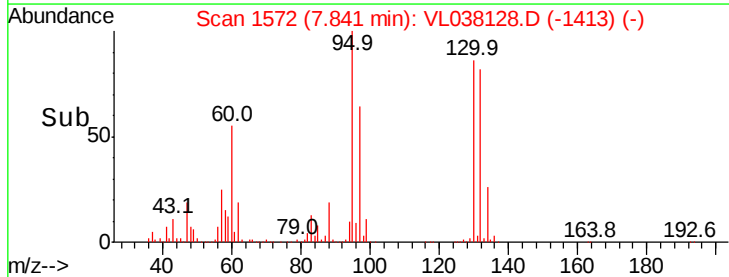
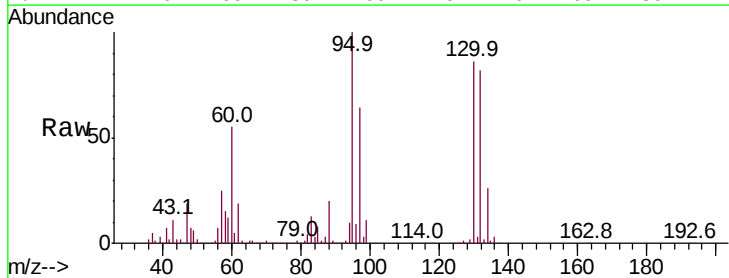
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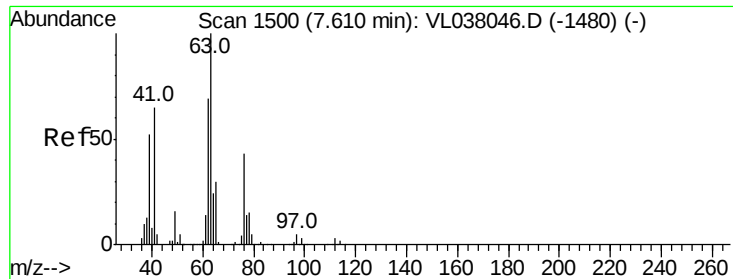
Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#38
 Trichloroethene
 Concen: 8.955 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL038128.D
 Acq: 29 Nov 2021 10:07

Tgt Ion:130 Resp: 984559
 Ion Ratio Lower Upper
 130 100
 95 116.8 89.4 134.2
 132 95.2 78.2 117.2
 97 74.7 57.0 85.4



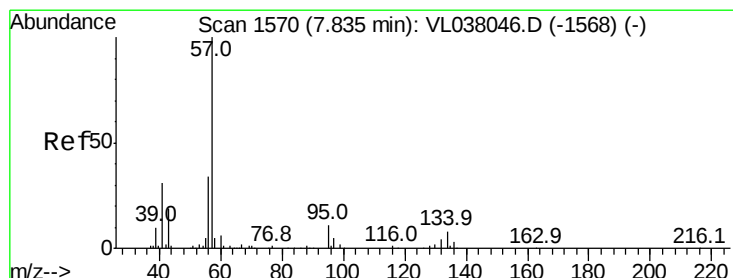
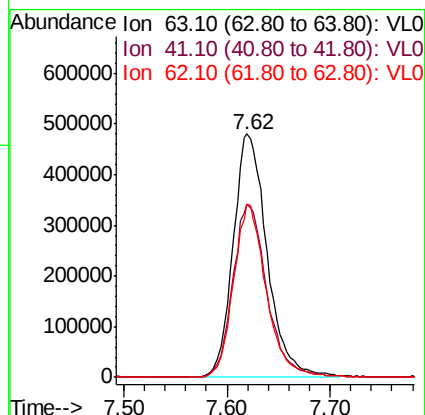
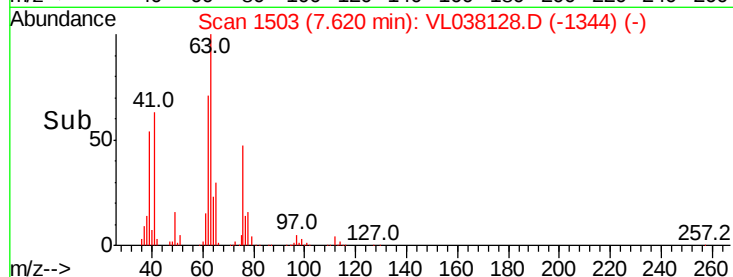
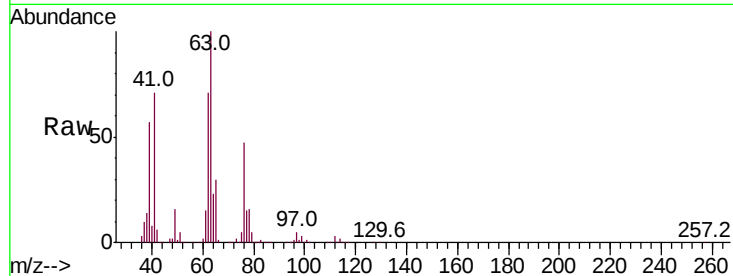


#39
 1,2-Dichloropropane
 Concen: 9.830 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 29 Nov 2021 10:07

Tot Ion:
 Ion Ratio
 63 100
 41 71.
 62 71.

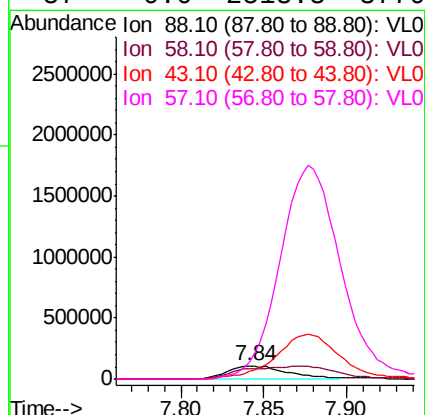
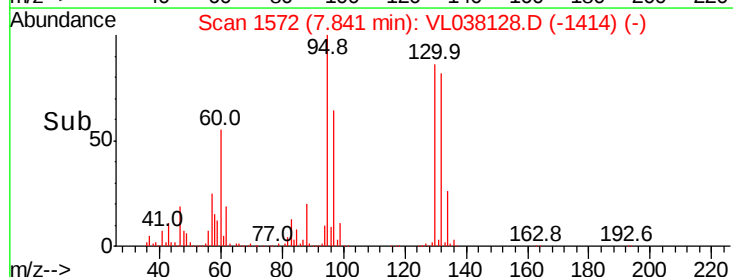
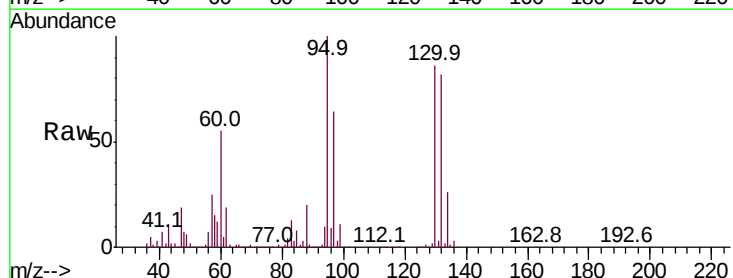
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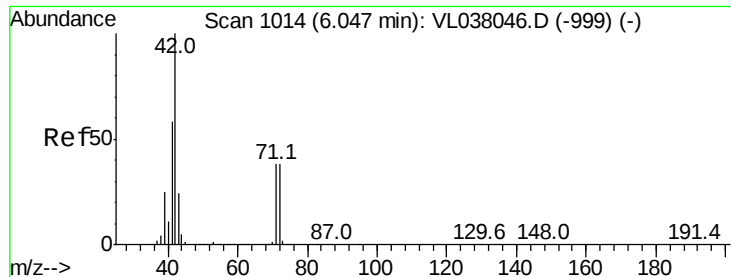
Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#40
 1,4-Dioxane
 Concen: 9.097 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL038128.D
 Acq: 29 Nov 2021 10:07

Tgt Ion: 88 Resp: 264973
 Ion Ratio Lower Upper
 88 100
 58 0.0 229.2 343.8#
 43 0.0 553.3 829.9#
 57 0.0 2513.8 3770.8#



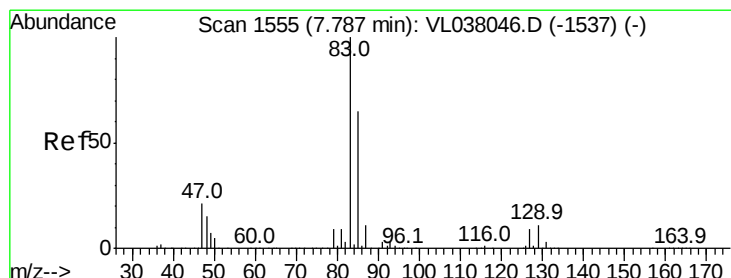
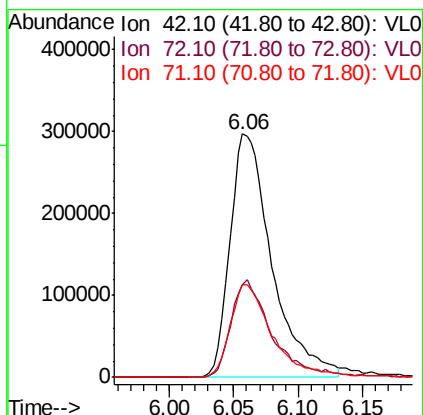
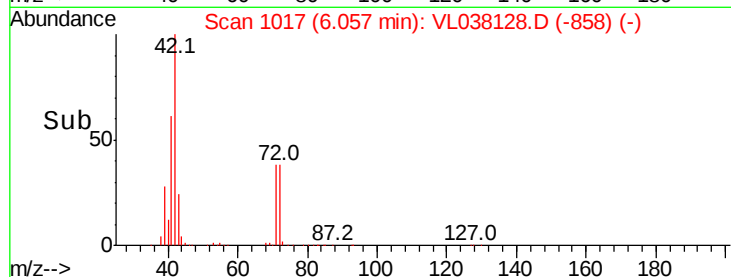
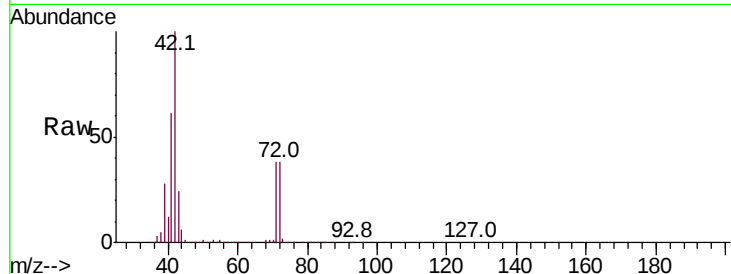


#41
Tetrahydrofuran
Concen: 9.192 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 29 Nov 2021 10:07

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

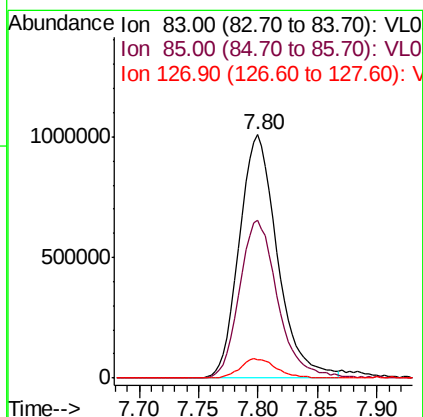
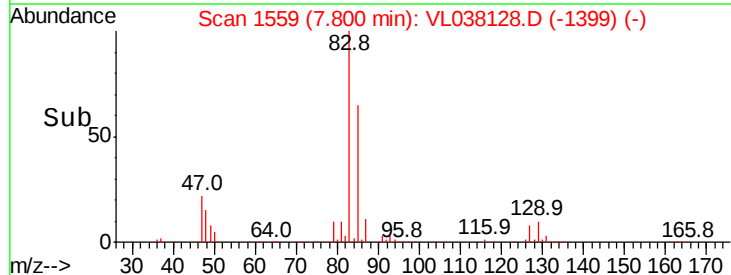
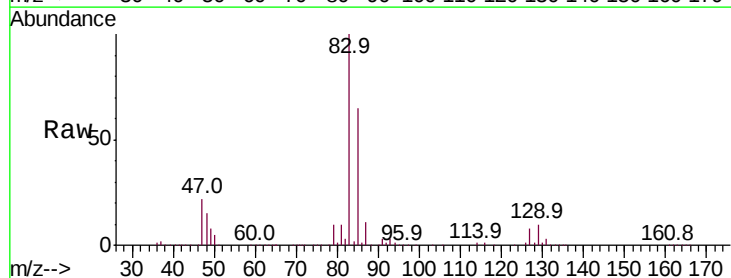
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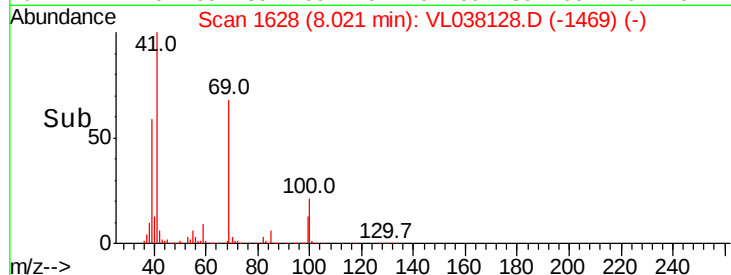
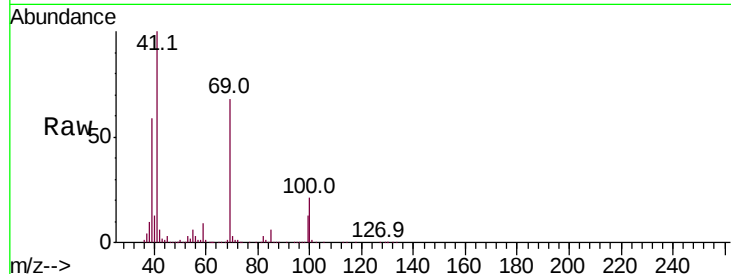
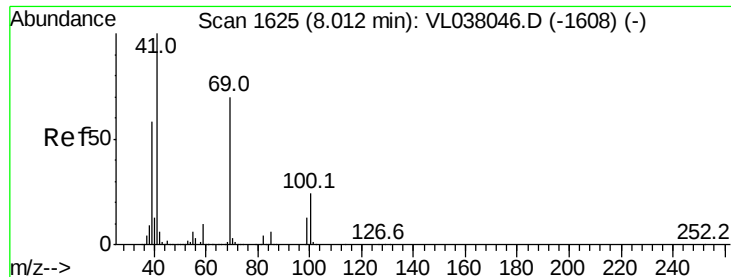
Reviewed By :Semsettin Yesilyurt 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#42
Bromodichloromethane
Concen: 10.505 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.01 min
Lab File: VL038128.D
Acq: 29 Nov 2021 10:07

Tgt Ion: 83 Resp: 2248159
Ion Ratio Lower Upper
83 100
85 65.1 51.9 77.9
127 7.7 6.8 10.2





#43

Methyl Methacrylate

Concen: 10.324 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId : VSTDCCC010

Acq: 29 Nov 2021 10:07

Tot Ion:

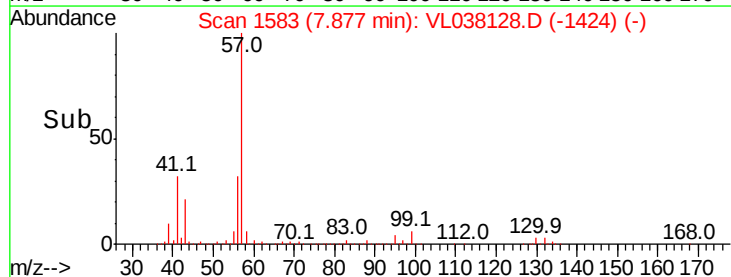
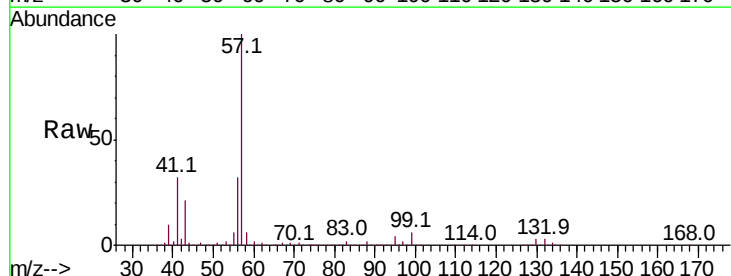
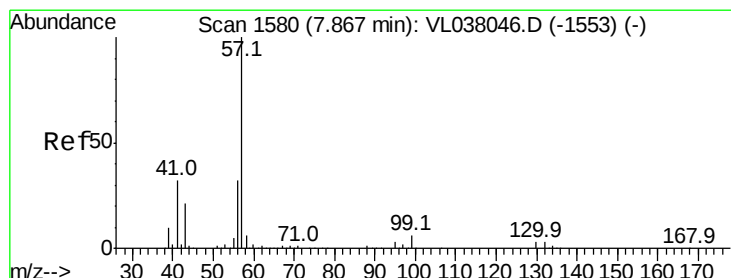
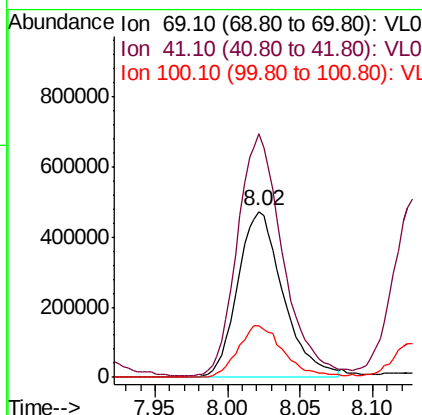
Ion	Ratio
69	100
41	148.
100	31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#44

2,2,4-Trimethylpentane

Concen: 9.298 ppbv

RT: 7.88 min Scan# 1583

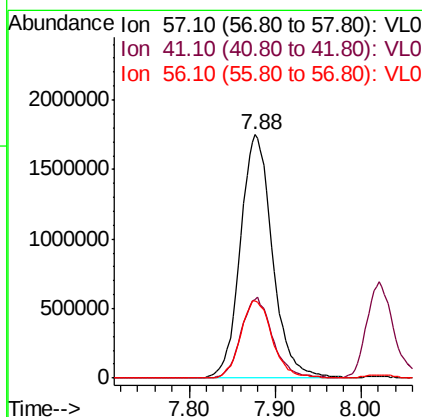
Delta R.T. 0.01 min

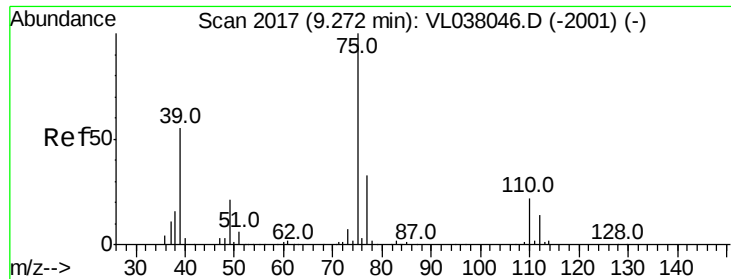
Lab File: VL038128.D

Acq: 29 Nov 2021 10:07

Tgt Ion: 57 Resp: 4534161

Ion	Ratio	Lower	Upper
57	100		
41	32.6	25.8	38.6
56	31.5	25.6	38.4





#45

t-1,3-Dichloropropene

Concen: 11.567 ppbv

RT: 9.28 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Nov 2021 10:07 VSTDCCC010

Tot Ion:

Ion Ratio

75 100

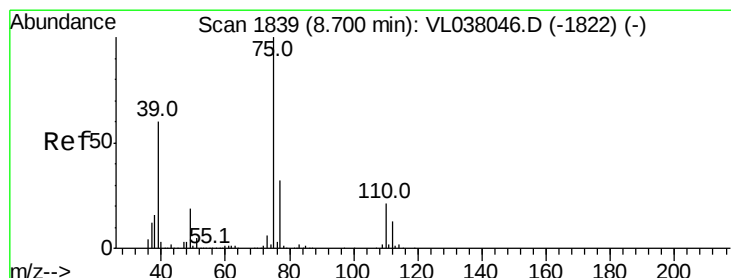
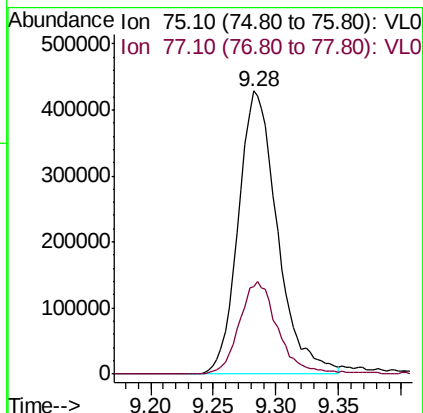
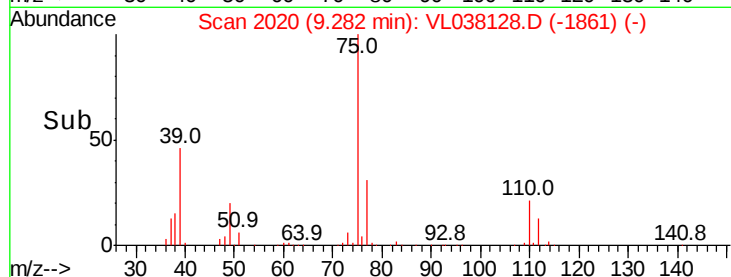
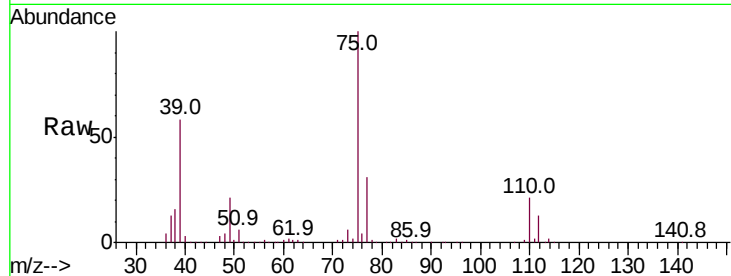
77 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#46

cis-1,3-Dichloropropene

Concen: 10.836 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. 0.01 min

Lab File: VL038128.D

Acq: 29 Nov 2021 10:07

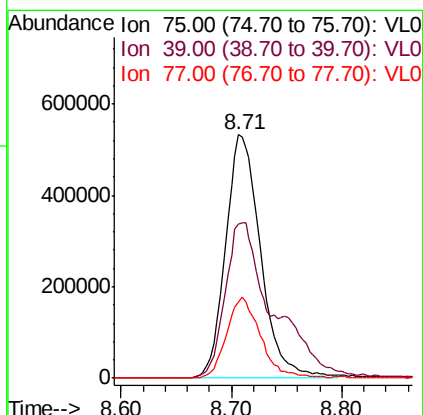
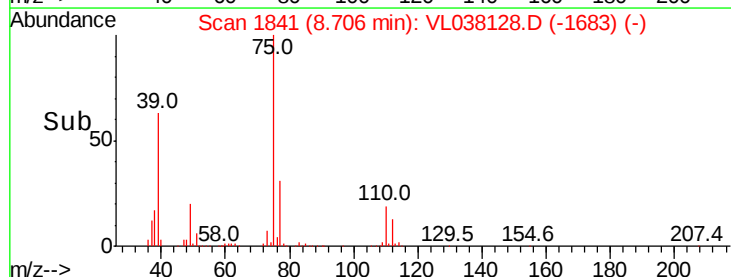
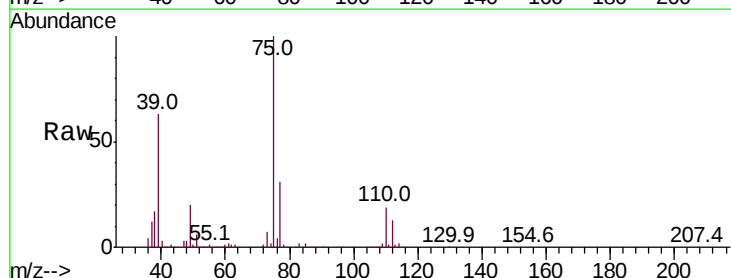
Tgt Ion: 75 Resp: 1172278

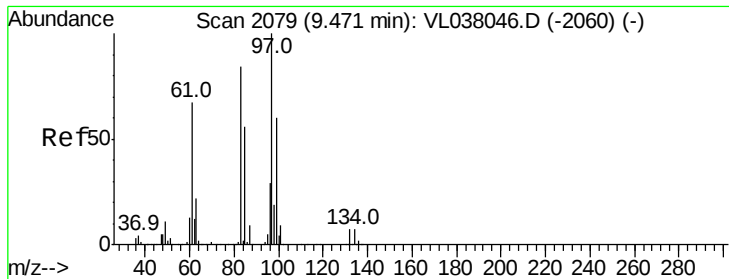
Ion Ratio Lower Upper

75 100

39 63.3 47.8 71.8

77 31.0 25.5 38.3



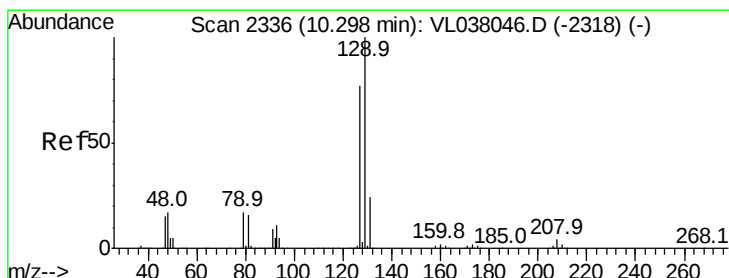
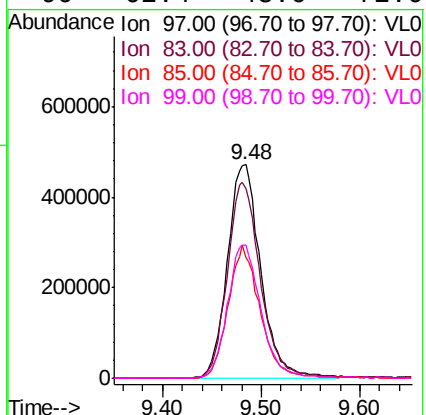
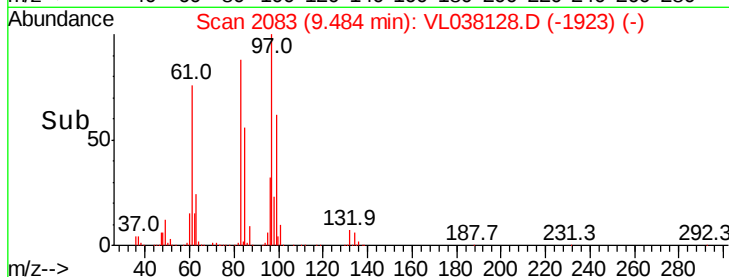
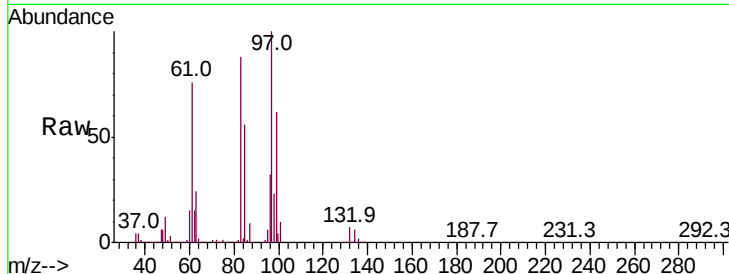


#47
 1,1,2-Trichloroethane
 Concen: 9.494 ppbv
 RT: 9.48 min
 Delta R.T. 0.01 min
 Lab File: VL038046.D
 Acq: 29 Nov 2021 10:07

Tot Ion: 97.00 (96.70 to 97.70): VL0
 Ion Ratio: 100
 83 88.0
 85 56.0
 99 62.4 48.0 72.0

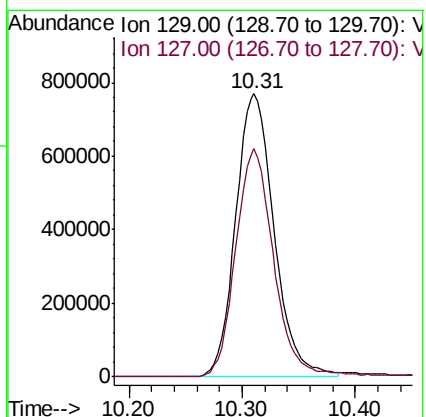
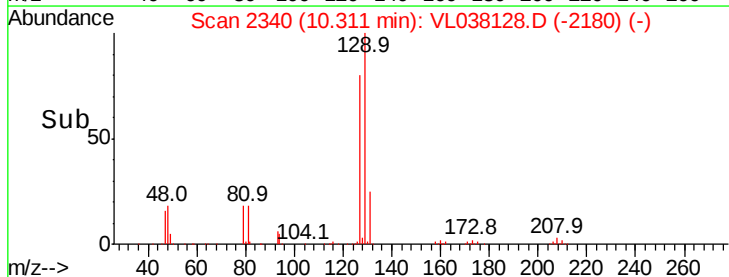
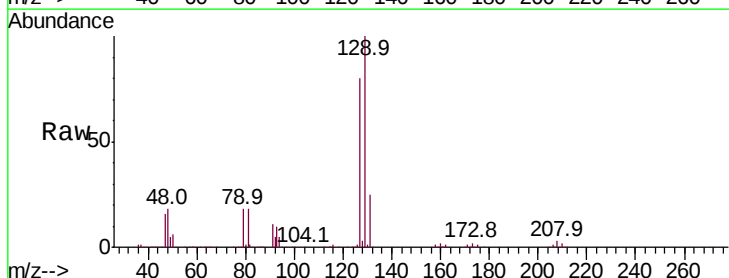
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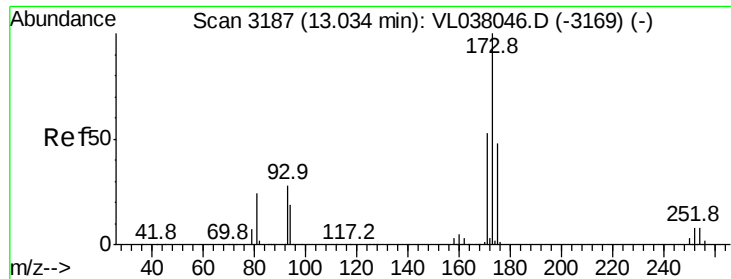
Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#48
 Dibromochloromethane
 Concen: 10.208 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T. 0.01 min
 Lab File: VL038128.D
 Acq: 29 Nov 2021 10:07

Tgt Ion:129 Resp: 1820273
 Ion Ratio Lower Upper
 129 100
 127 81.1 39.4 118.1





#49

Bromoform

Concen: 10.247 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Nov 2021 10:07

Tot Ion:1

Ion Ratio

173 100

175 51.

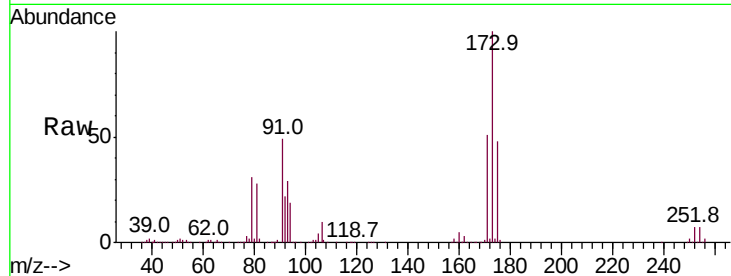
171 55.

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Reviewed By :Semsettin Yesilyurt 11/30/2021

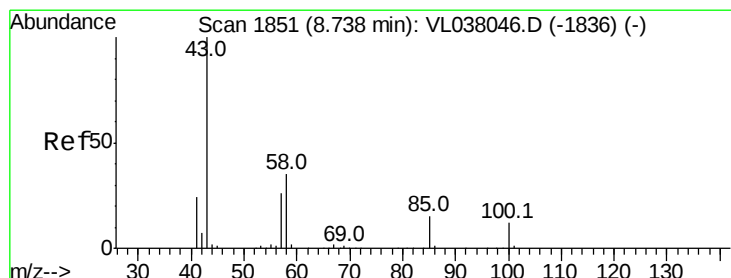
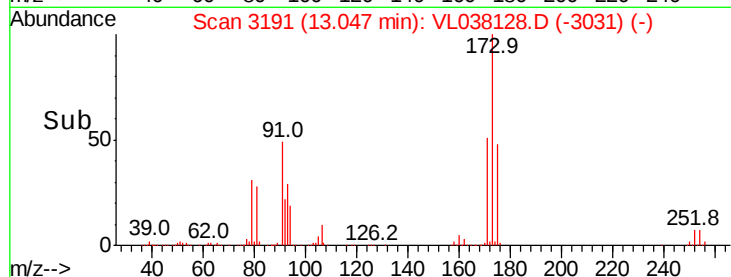
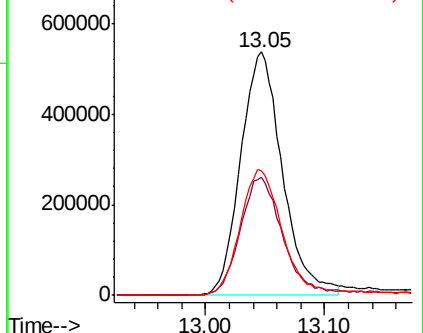
Supervised By :Mahesh Dadoda 12/01/2021



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.202 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VL038128.D

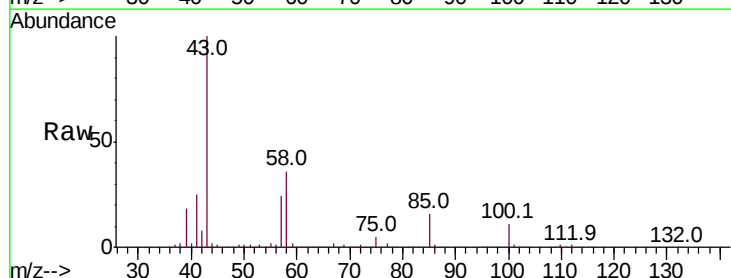
Acq: 29 Nov 2021 10:07

Tgt Ion: 43 Resp: 1825438

Ion Ratio Lower Upper

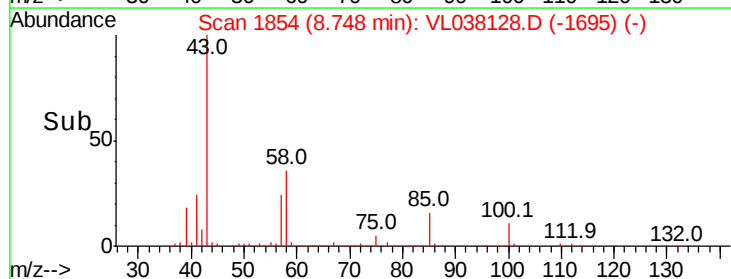
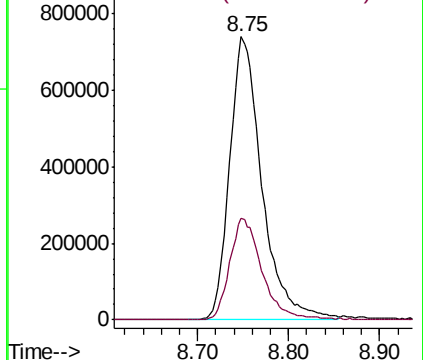
43 100

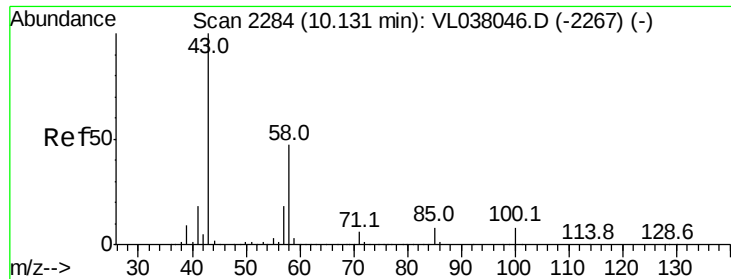
58 36.2 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



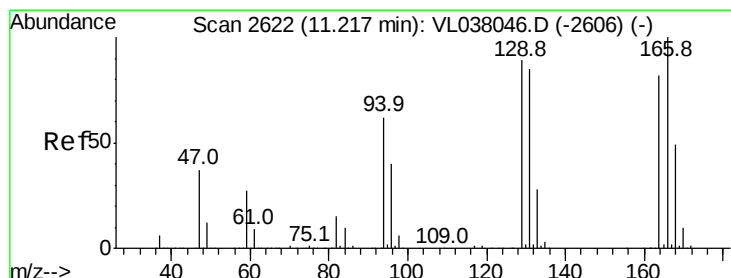
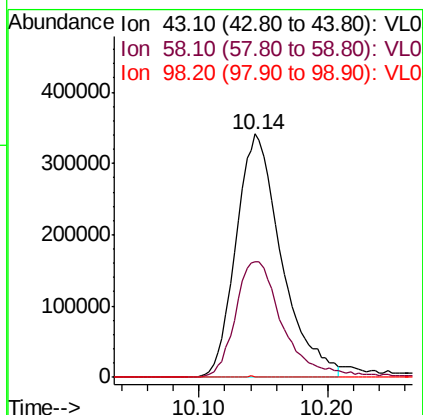
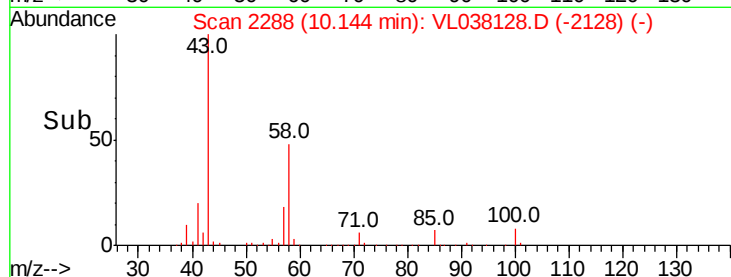
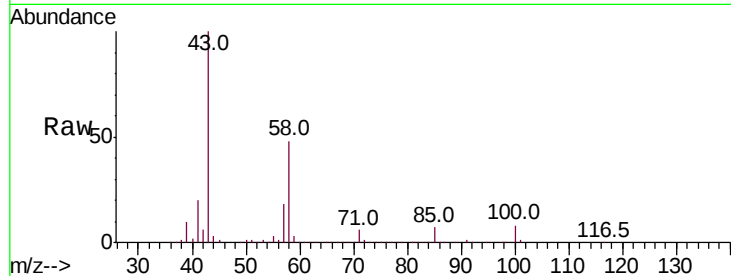


#51
2-Hexanone
Concen: 9.913 ppbv
RT: 10.14 min
Delta R.T.: 0.01 min
Lab File: VSTDCCC010
Acq: 29 Nov 2021 10:07

Tot Ion:
Ion Ratio
43 100
58 50.0
98 0.0

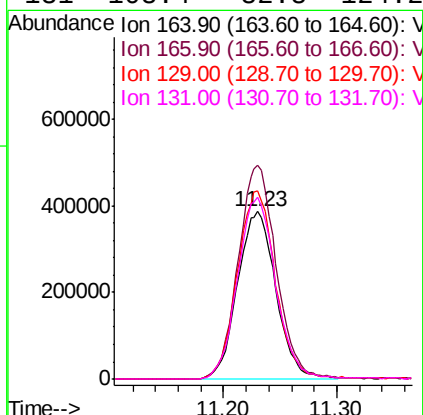
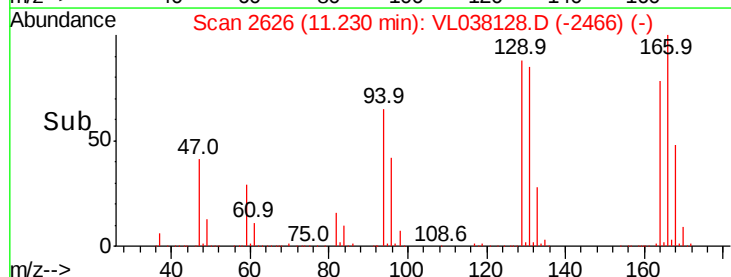
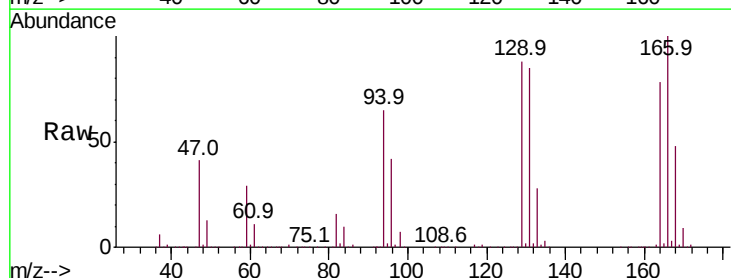
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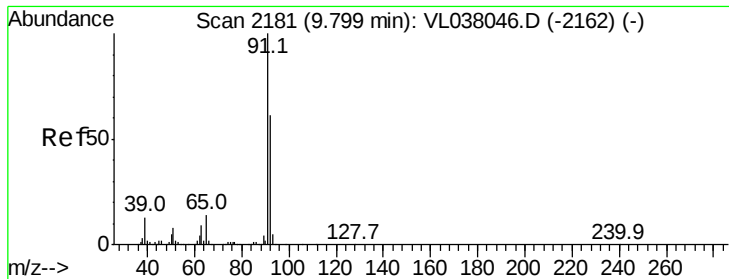
Reviewed By :Semsettin Yesilyurt 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#52
Tetrachloroethene
Concen: 8.456 ppbv
RT: 11.23 min Scan# 2626
Delta R.T.: 0.01 min
Lab File: VL038128.D
Acq: 29 Nov 2021 10:07

Tgt Ion:164 Resp: 911895
Ion Ratio Lower Upper
164 100
166 127.6 97.2 145.8
129 112.1 86.9 130.3
131 108.4 82.8 124.2





#53

Toluene

Concen: 9.330 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Nov 2021 10:07

Tot Ion:

Ion Ratio

91 100

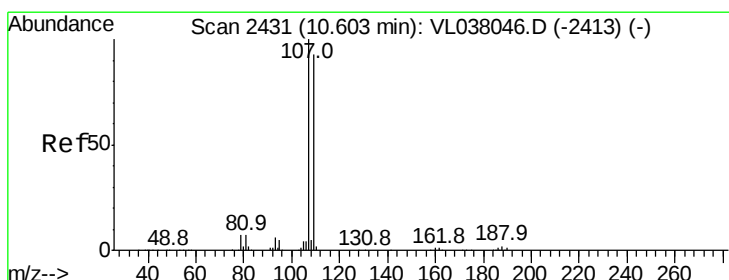
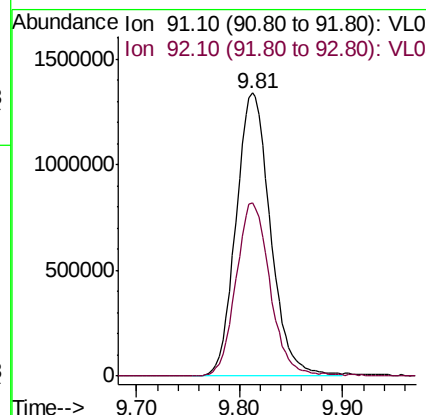
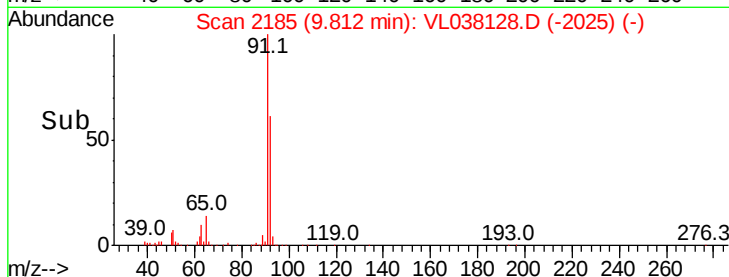
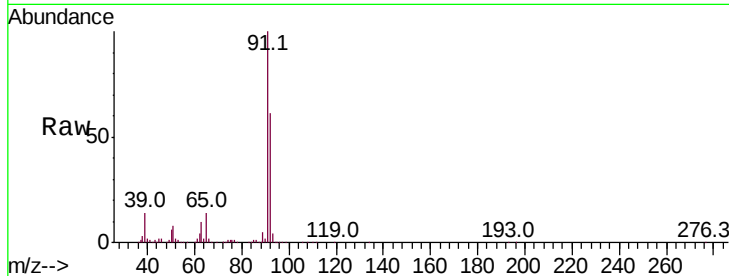
92 61.

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Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#54

1,2-Dibromoethane

Concen: 9.784 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.01 min

Lab File: VL038128.D

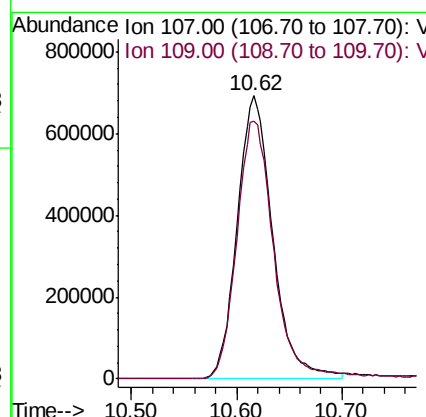
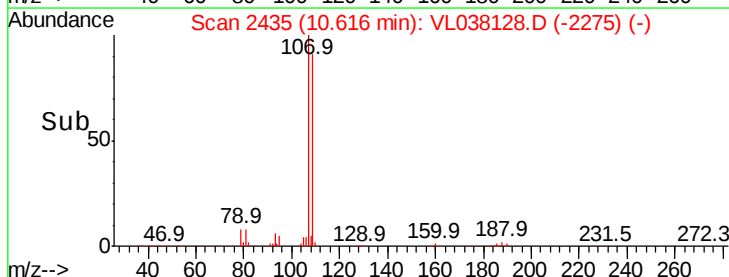
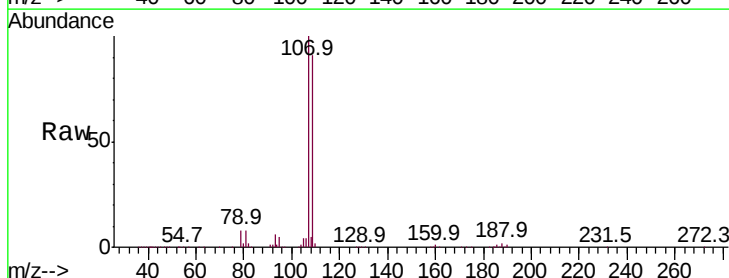
Acq: 29 Nov 2021 10:07

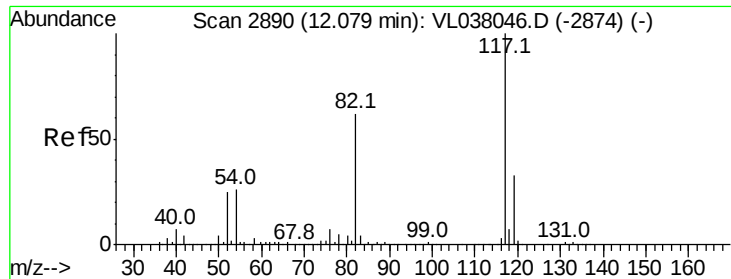
Tgt Ion:107 Resp: 1618251

Ion Ratio Lower Upper

107 100

109 91.2 74.6 111.8



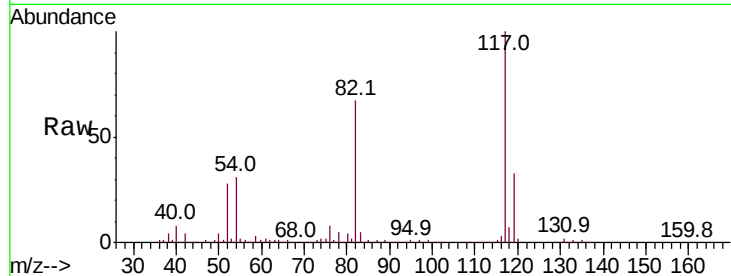


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 29 Nov 2021 10:07

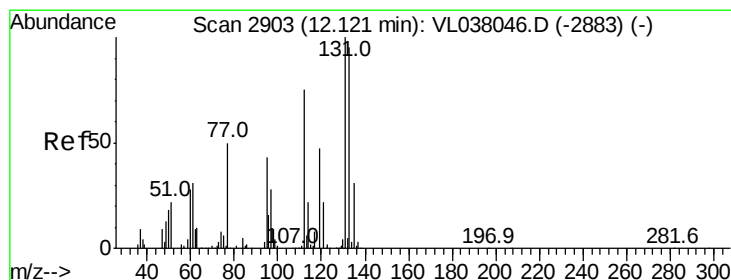
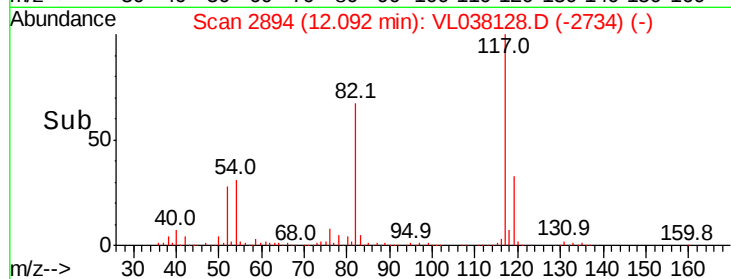
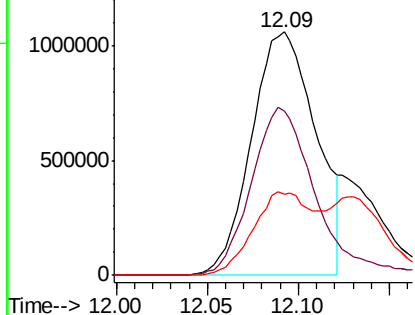
Tot Ion:1
Ion Rati
117 100
82 71.
119 31.

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Supervised By :Mahesh Dadoda 12/01/2021

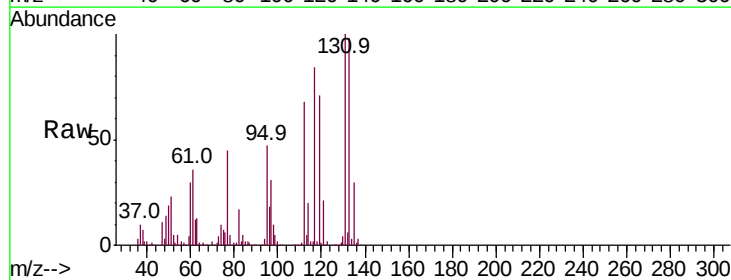


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

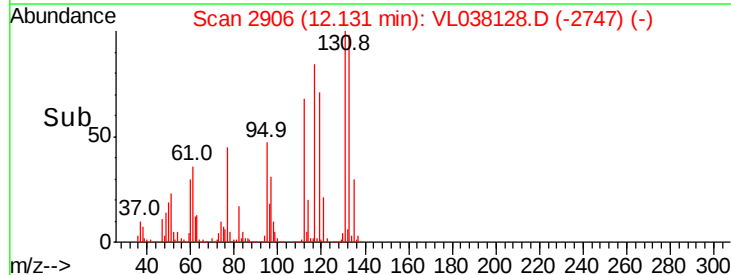
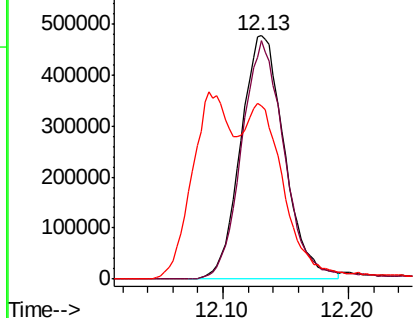


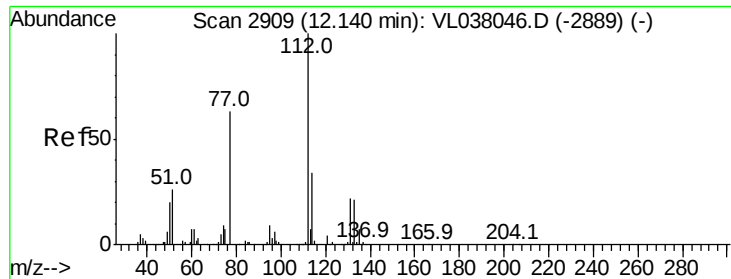
#56
1,1,1,2-Tetrachloroethane
Concen: 9.780 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.01 min
Lab File: VL038128.D
Acq: 29 Nov 2021 10:07

Tgt Ion:131 Resp: 1157912
Ion Ratio Lower Upper
131 100
133 99.2 78.8 118.2
119 66.9 56.3 84.5



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 9.295 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Nov 2021 10:07

Tot Ion:1

Ion Rati

112 100

77 67.

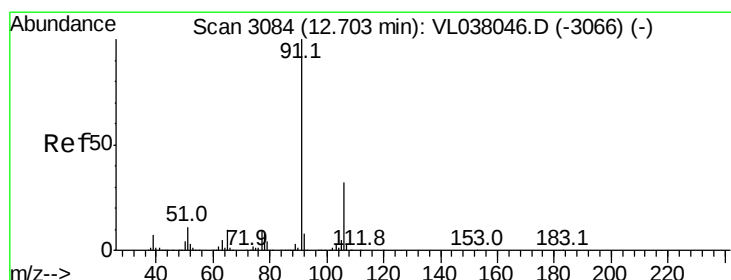
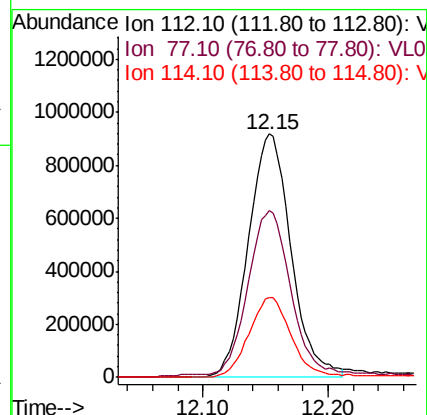
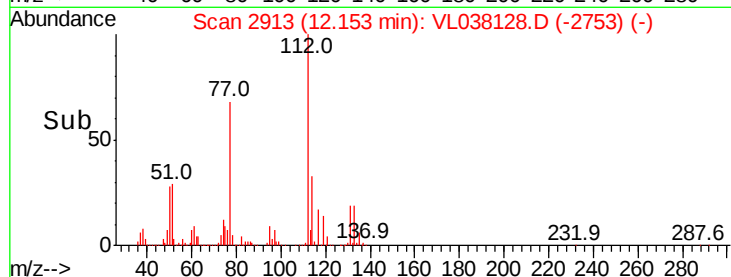
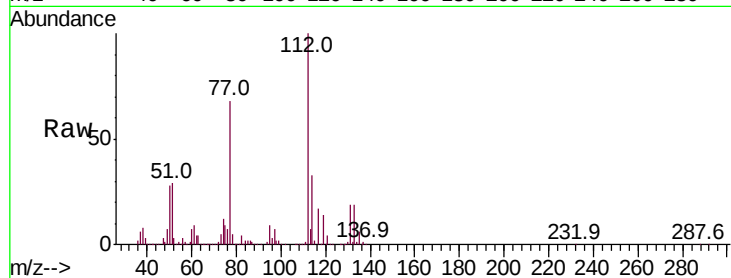
114 32.

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Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#58

Ethyl Benzene

Concen: 9.482 ppbv

RT: 12.72 min Scan# 3088

Delta R.T. 0.01 min

Lab File: VL038128.D

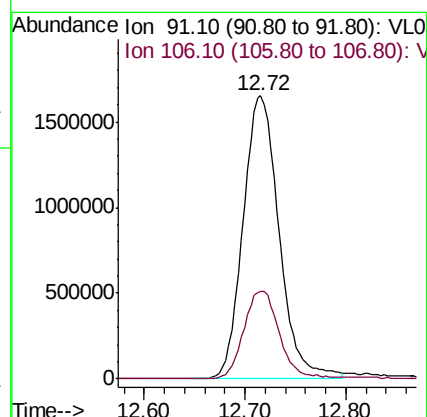
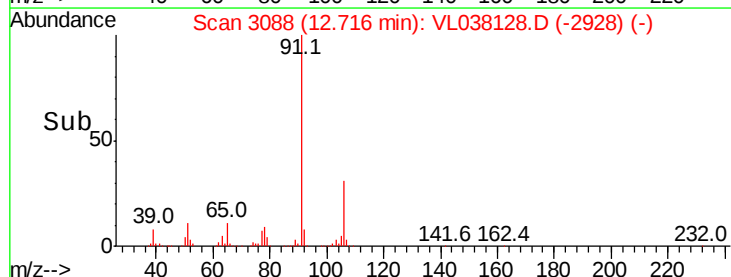
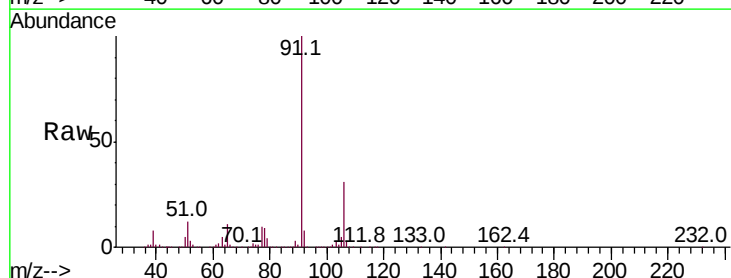
Acq: 29 Nov 2021 10:07

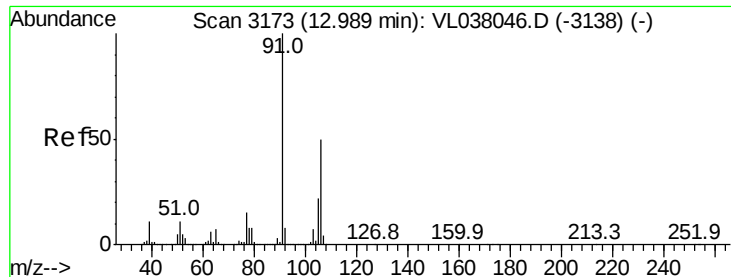
Tgt Ion: 91 Resp: 4087324

Ion Ratio Lower Upper

91 100

106 30.9 25.8 38.6





#59

m/p-Xylene

Concen: 18.748 ppbv m

RT: 13.00

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 29 Nov 2021 10:07

Tot Ion:

Ion Ratio

91 100

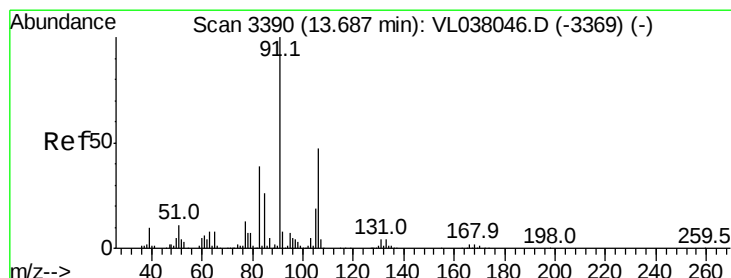
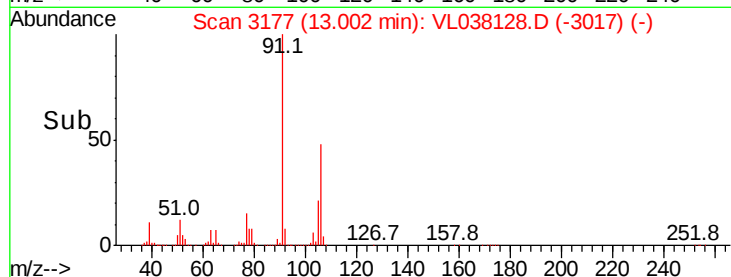
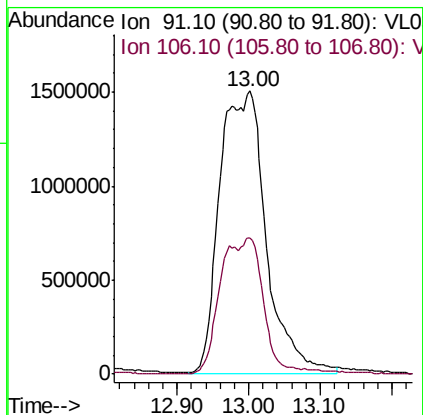
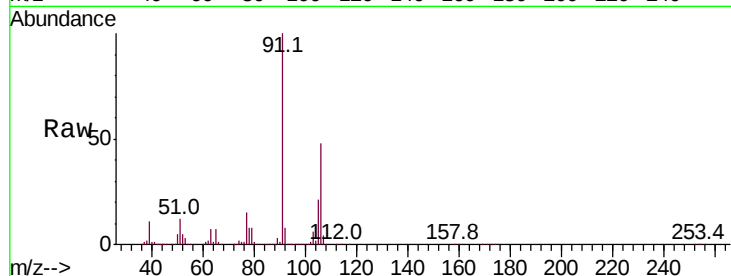
106 45.

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Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#60

o-Xylene

Concen: 9.331 ppbv

RT: 13.70 min Scan# 3393

Delta R.T. 0.01 min

Lab File: VL038128.D

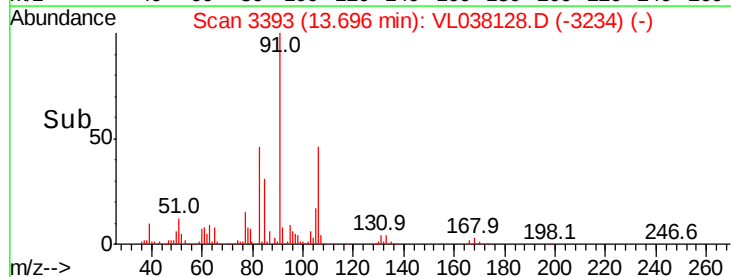
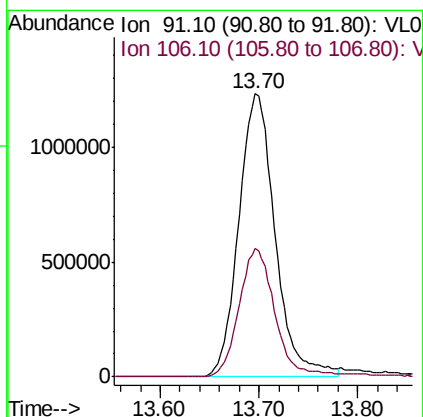
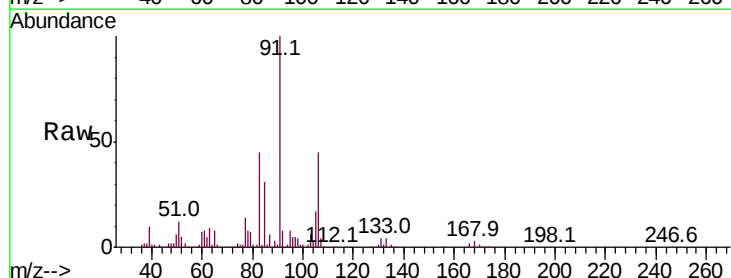
Acq: 29 Nov 2021 10:07

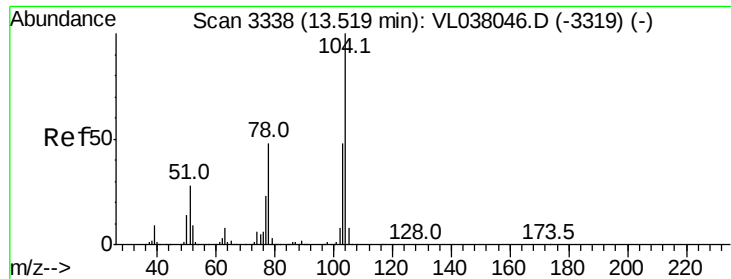
Tgt Ion: 91 Resp: 3140815

Ion Ratio Lower Upper

91 100

106 46.1 24.2 72.6





#61

Stvrene

Concen: 9.568 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Nov 2021 10:07

Tot Ion:1

Ion Rati

104 100

78 53.

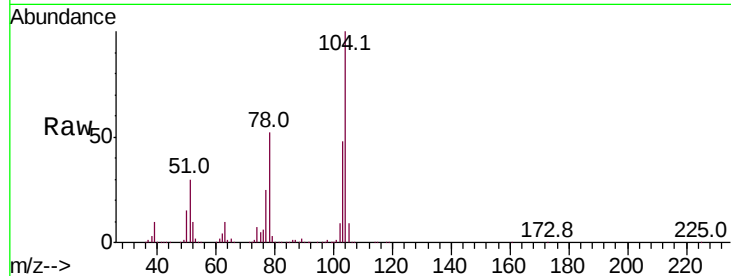
103 48.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/30/2021

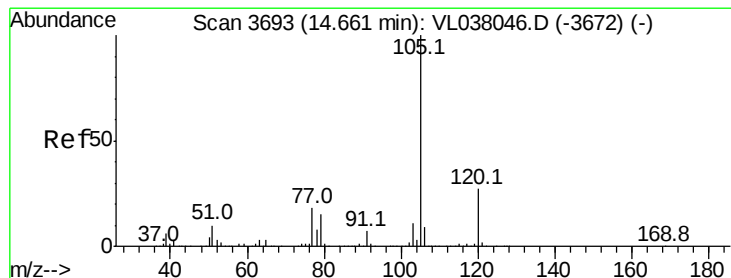
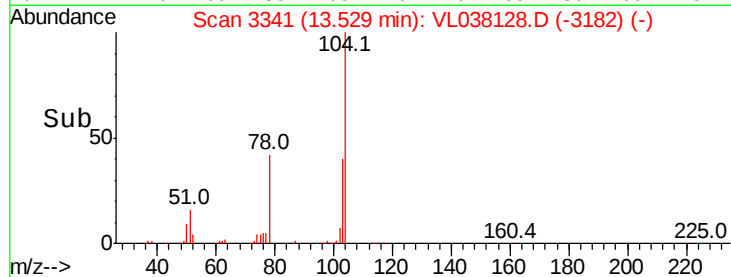
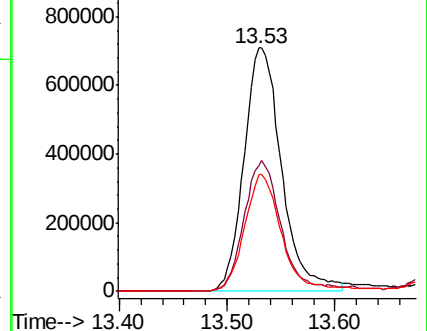
Supervised By :Mahesh Dadoda 12/01/2021



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: 9.027 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.01 min

Lab File: VL038128.D

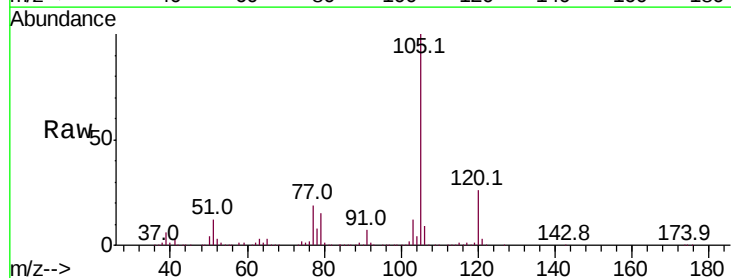
Acq: 29 Nov 2021 10:07

Tgt Ion:105 Resp: 4313266

Ion Ratio Lower Upper

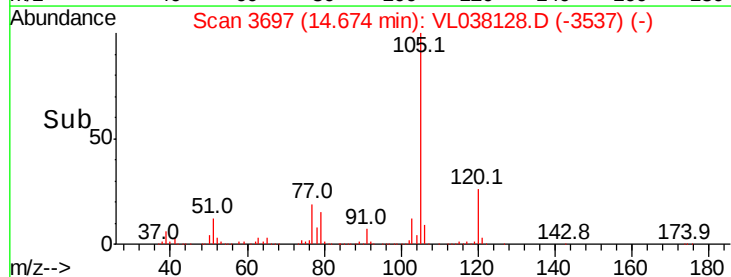
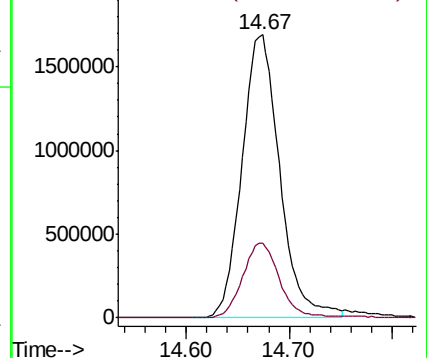
105 100

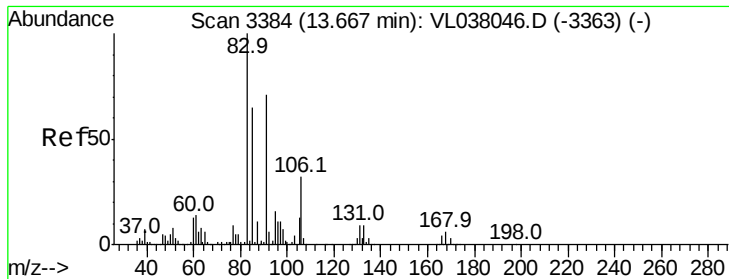
120 26.6 21.8 32.6



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: 8.889 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Nov 2021 10:07

Tot Ion:

Ion Ratio

83 100

131 9.

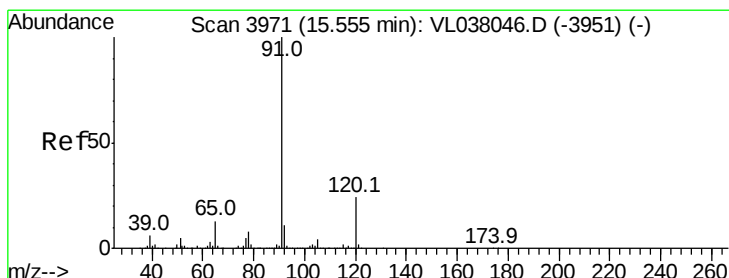
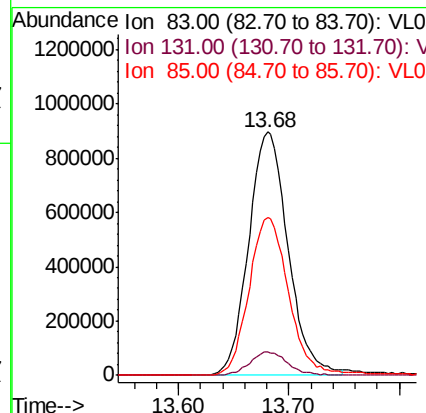
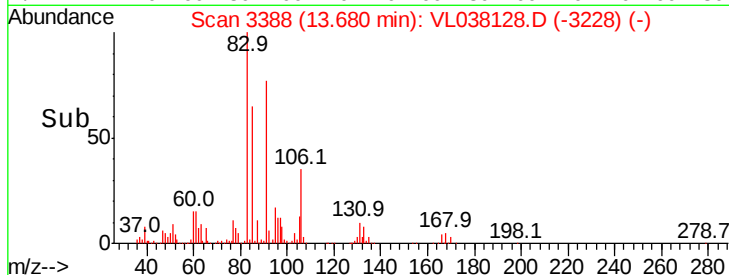
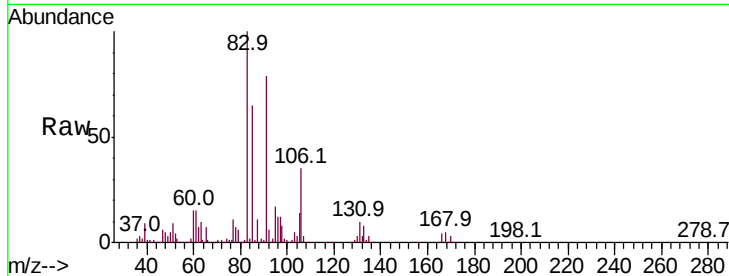
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#64

n-propylbenzene

Concen: 9.202 ppbv

RT: 15.56 min Scan# 3974

Delta R.T. 0.01 min

Lab File: VL038128.D

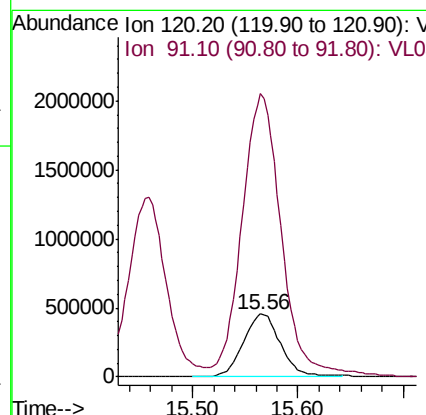
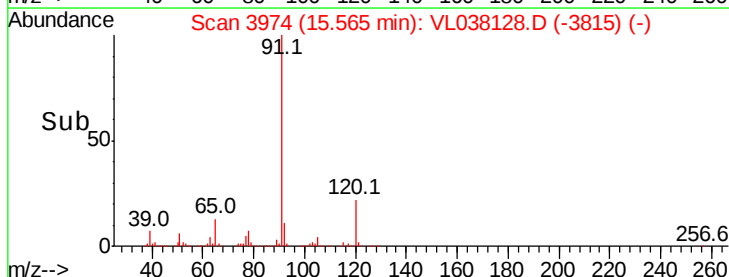
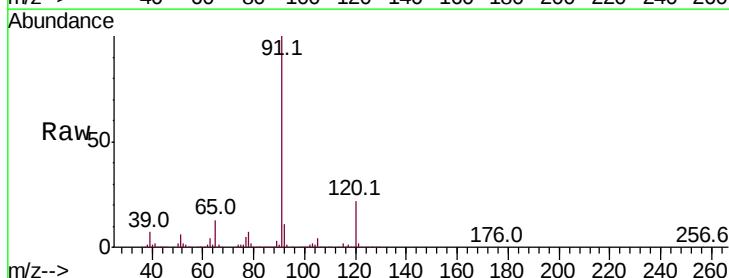
Acq: 29 Nov 2021 10:07

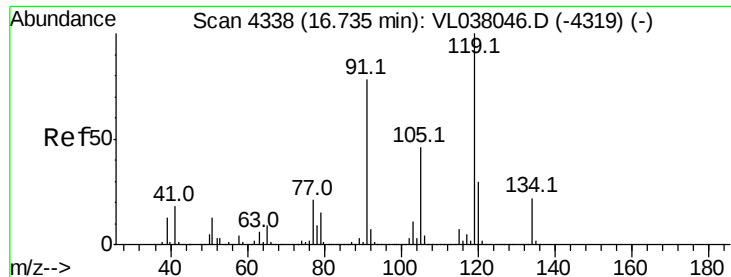
Tgt Ion:120 Resp: 1120147

Ion Ratio Lower Upper

120 100

91 475.0 371.7 557.5



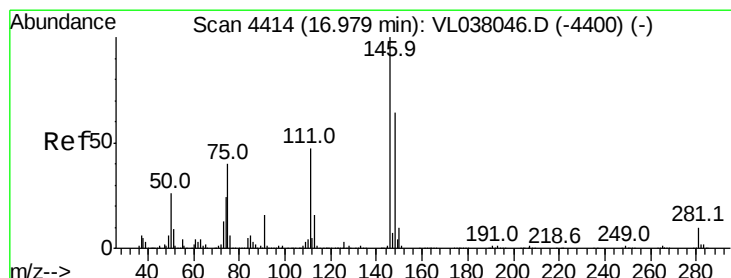
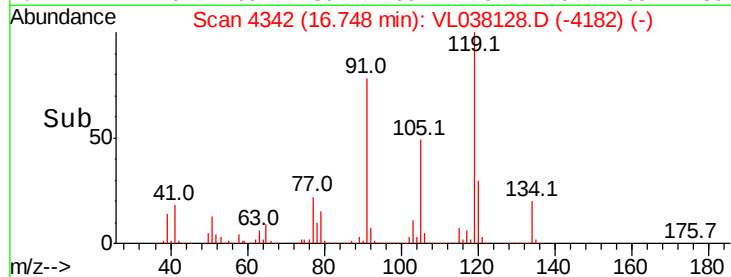
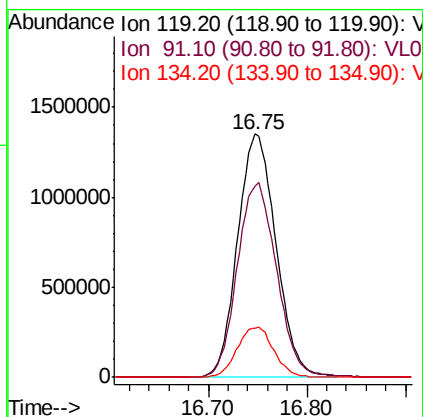
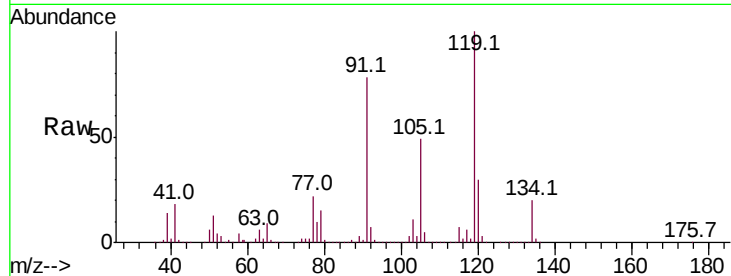


#65
tert-Butylbenzene
Concen: 8.683 ppbv
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 29 Nov 2021 10:07

Tot Ion: 1
Ion Ratio
119 100
91 82.
134 19.

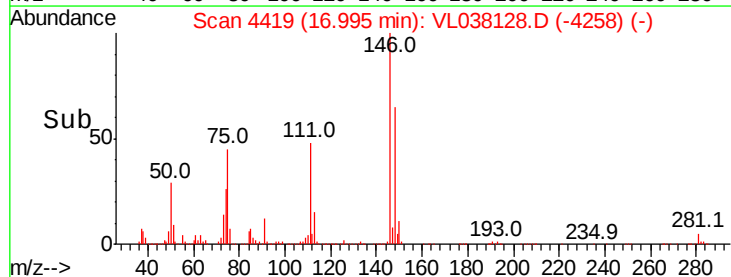
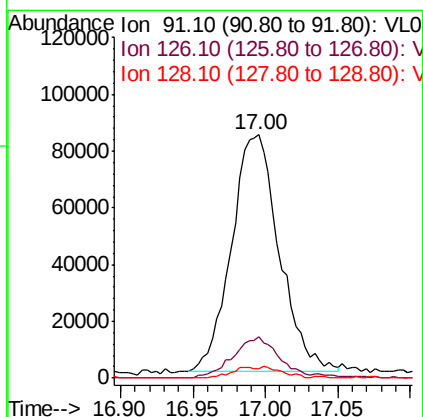
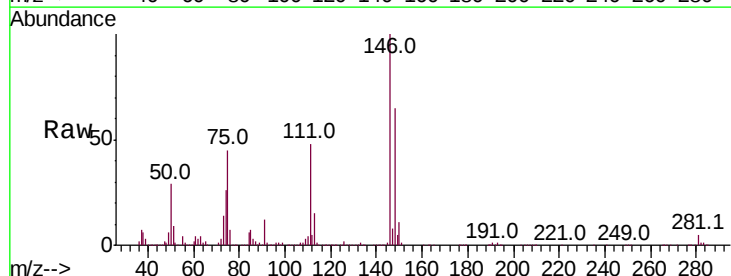
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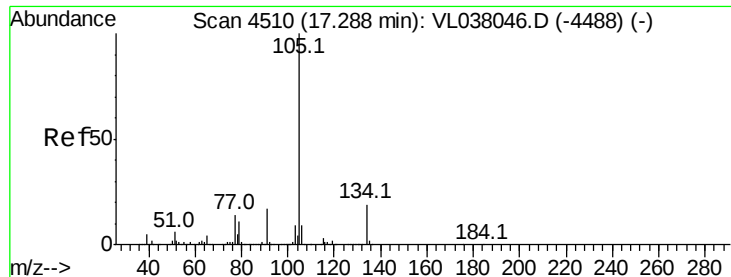
Reviewed By : Semsettin Yesilyurt 11/30/2021
Supervised By : Mahesh Dadoda 12/01/2021



#66
Benzyl Chloride
Concen: 8.944 ppbv
RT: 17.00 min Scan# 4419
Delta R.T.: 0.02 min
Lab File: VL038128.D
Acq: 29 Nov 2021 10:07

Tgt Ion: 91 Resp: 190822
Ion Ratio Lower Upper
91 100
126 17.7 15.5 23.3
128 5.3 5.6 8.4#



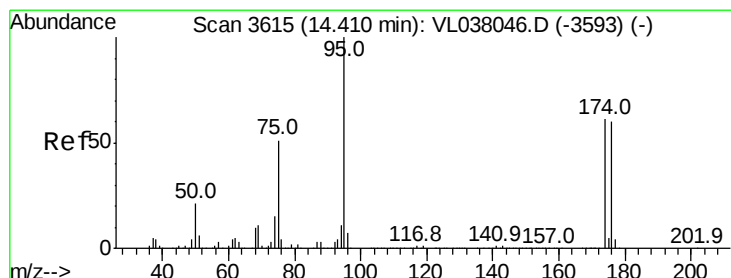
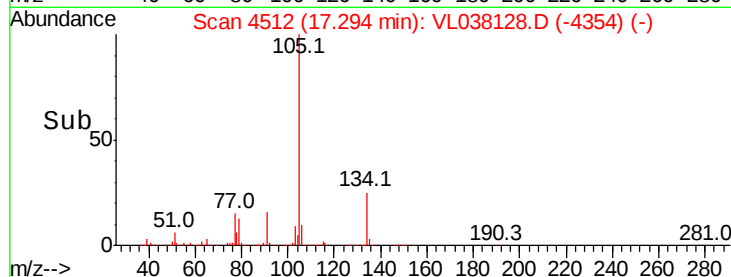
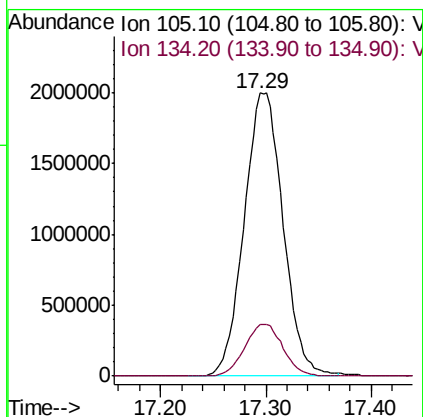
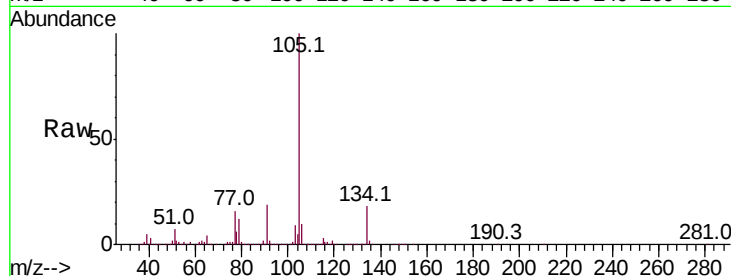


#67
 sec-Butylbenzene
 Concen: 8.738 ppbv
 RT: 17.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 29 Nov 2021 10:07

Tot Ion:1
 Ion Rati
 105 100
 134 18.

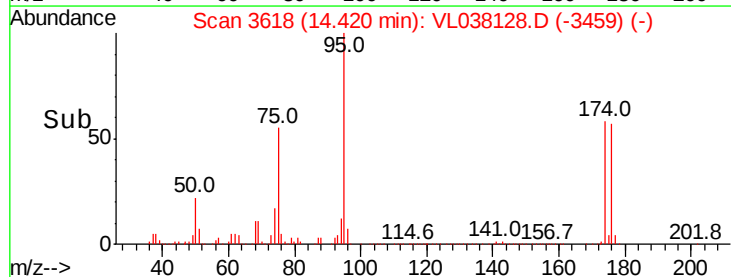
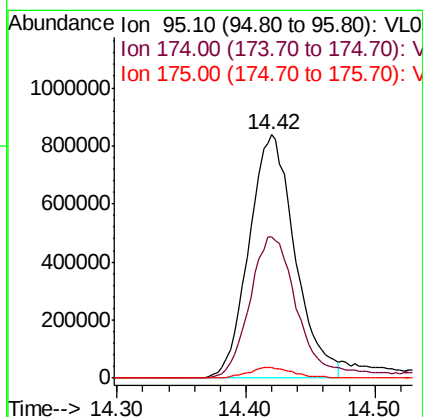
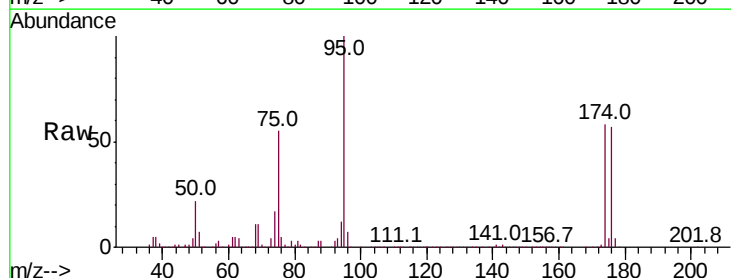
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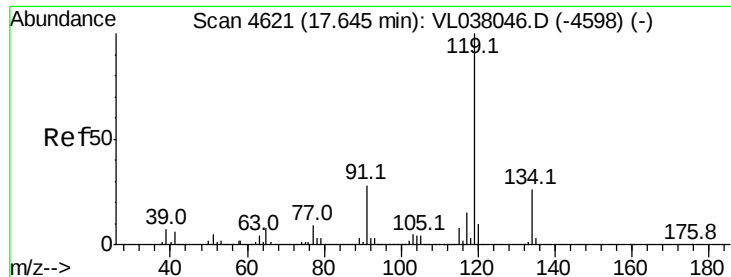
Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.057 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T. 0.01 min
 Lab File: VL038128.D
 Acq: 29 Nov 2021 10:07

Tgt Ion: 95 Resp: 2080096
 Ion Ratio Lower Upper
 95 100
 174 63.7 53.1 79.7
 175 4.8 4.0 6.0



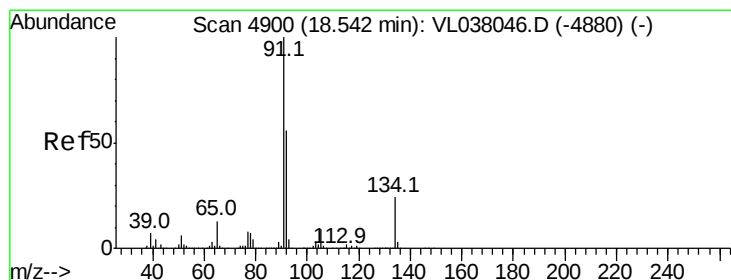
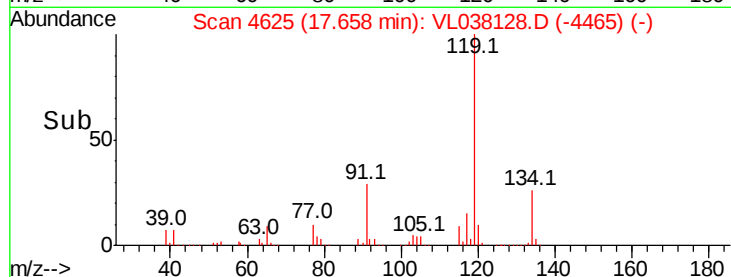
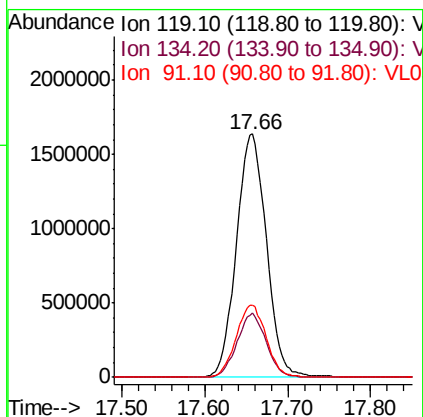
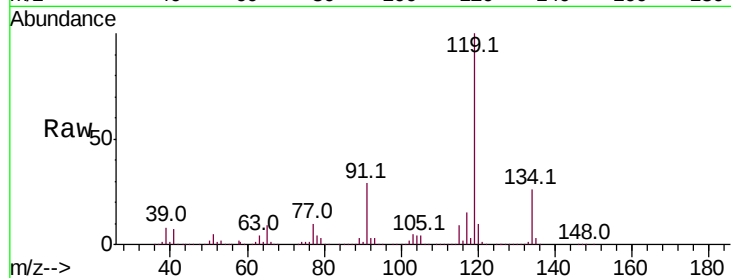


#69
 p-Isopropyltoluene
 Concen: 8.988 ppbv
 RT: 17.66 min
 Delta R.T. 0.01 min
 Lab File: VSTDCCC010
 Acq: 29 Nov 2021 10:07

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 29.

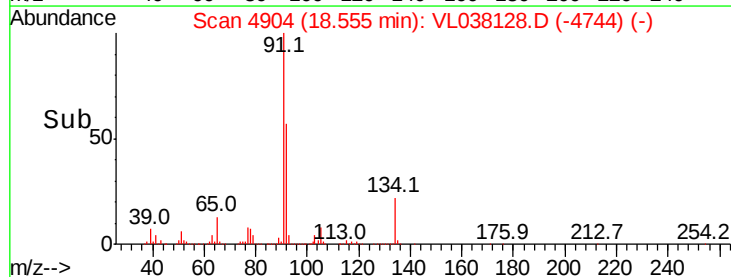
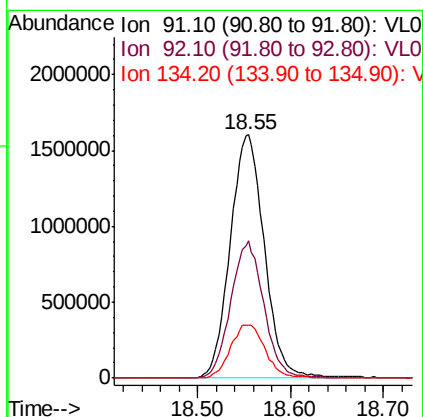
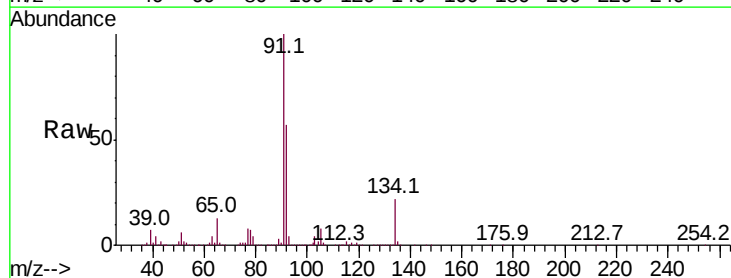
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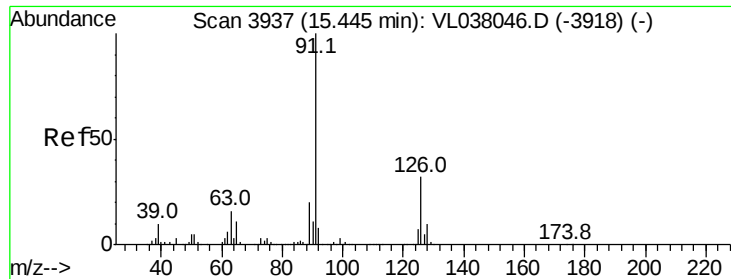
Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#70
 n-Butylbenzene
 Concen: 9.311 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. 0.01 min
 Lab File: VL038128.D
 Acq: 29 Nov 2021 10:07

Tgt Ion: 91 Resp: 4084952
 Ion Ratio Lower Upper
 91 100
 92 54.8 44.1 66.1
 134 22.3 18.9 28.3





#71

2-Chlorotoluene

Concen: 9.216 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Nov 2021 10:07

Tot Ion:

Ion Ratio

91 100

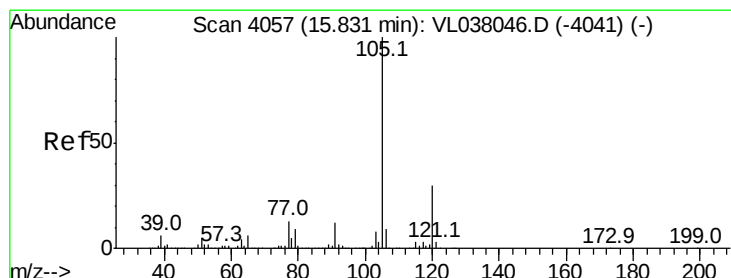
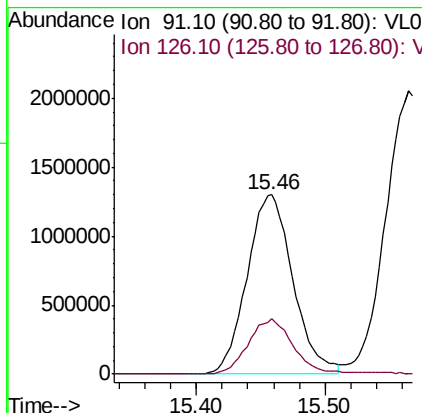
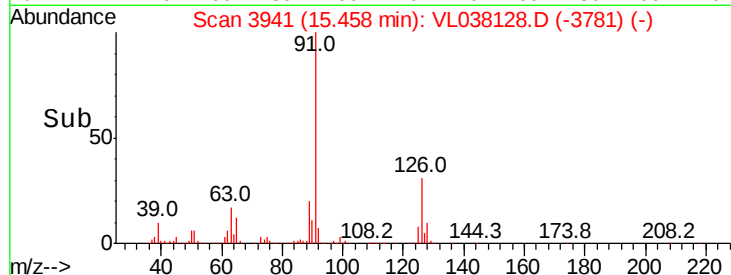
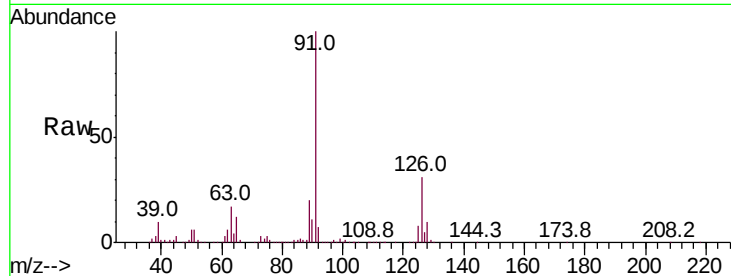
126 31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#72

4-Ethyltoluene

Concen: 9.467 ppbv

RT: 15.84 min Scan# 4060

Delta R.T. 0.01 min

Lab File: VL038128.D

Acq: 29 Nov 2021 10:07

Tgt Ion:105 Resp: 3694640

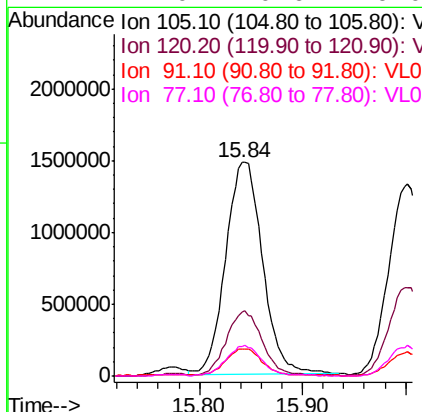
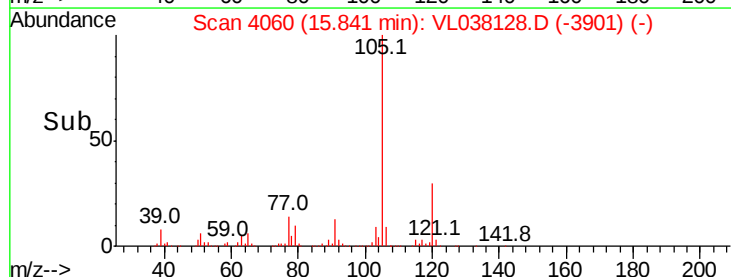
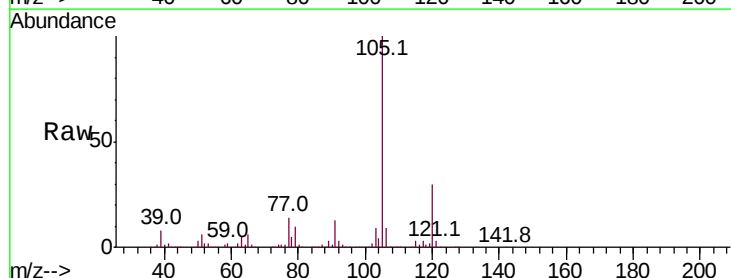
Ion Ratio Lower Upper

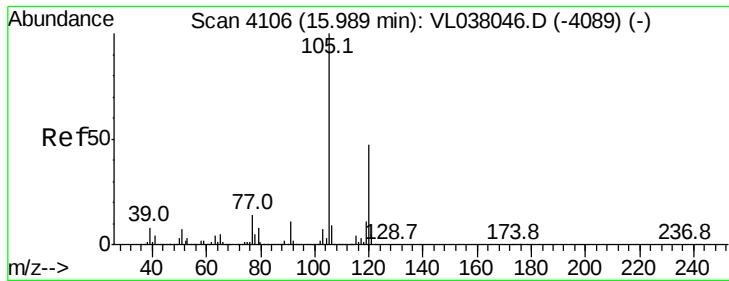
105 100

120 30.1 25.1 37.7

91 12.5 9.7 14.5

77 14.0 10.6 16.0



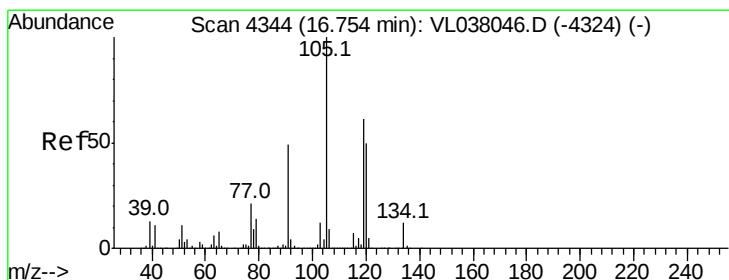
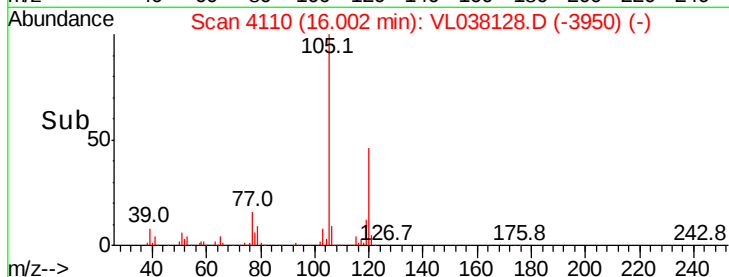
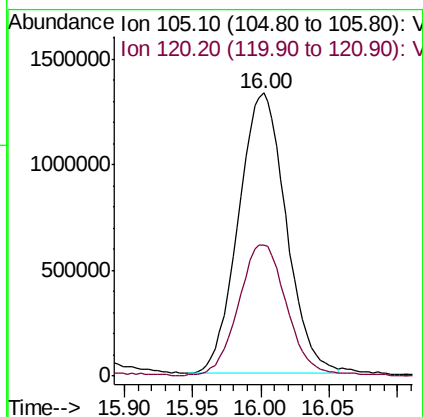
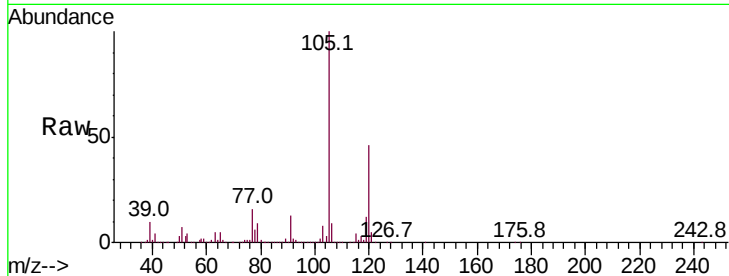


#73
 1,3,5-Trimethylbenzene
 Concen: 9.029 ppbv
 RT: 16.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 29 Nov 2021 10:07

Tot Ion:1
 Ion Rati
 105 100
 120 46.

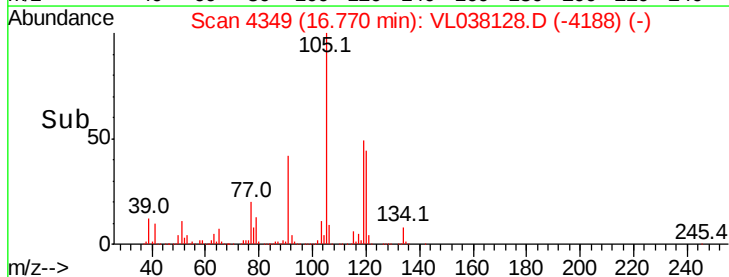
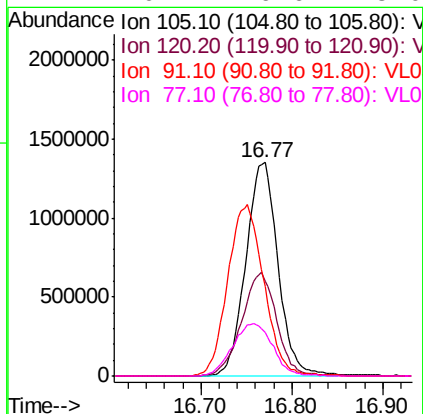
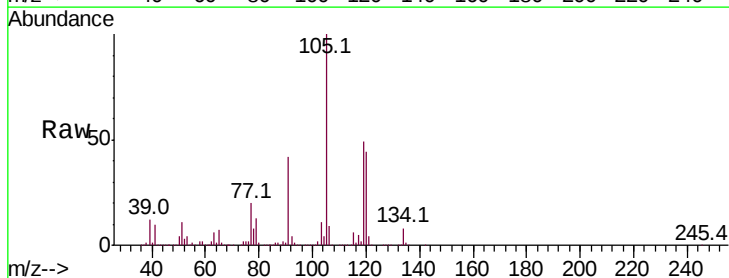
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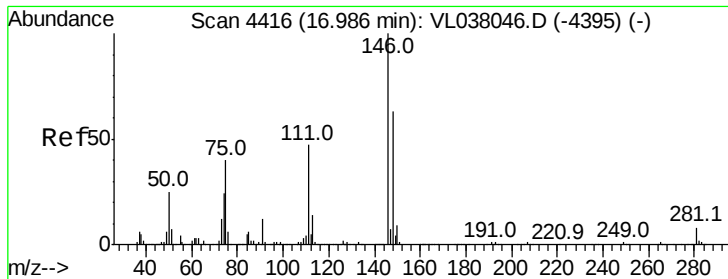
Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 9.037 ppbv
 RT: 16.77 min Scan# 4349
 Delta R.T. 0.02 min
 Lab File: VL038128.D
 Acq: 29 Nov 2021 10:07

Tgt Ion:105 Resp: 3319509
 Ion Ratio Lower Upper
 105 100
 120 44.3 40.1 60.1
 91 41.8 39.8 59.8
 77 20.4 16.6 25.0



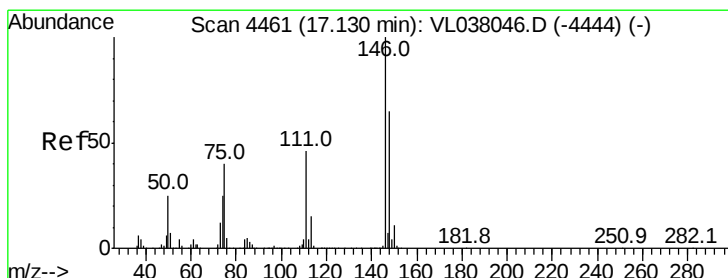
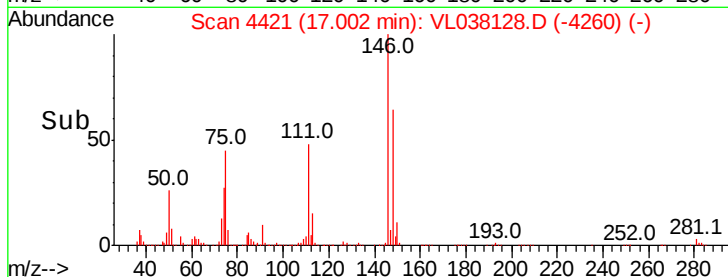
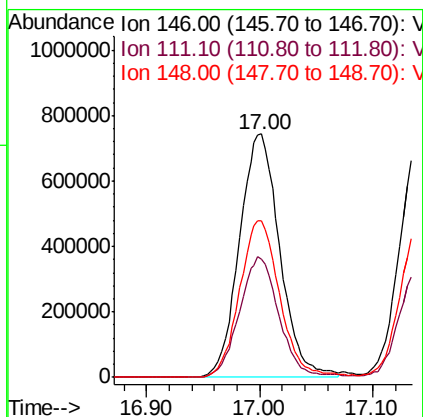
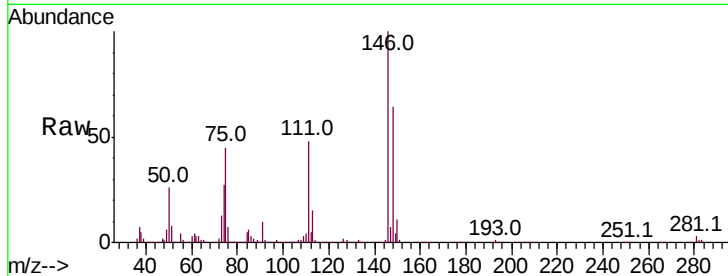


#75
 1,3-Dichlorobenzene
 Concen: 9.118 ppbv
 RT: 17.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 29 Nov 2021 10:07

Tot Ion:1
 Ion Rati
 146 100
 111 48.
 148 64.

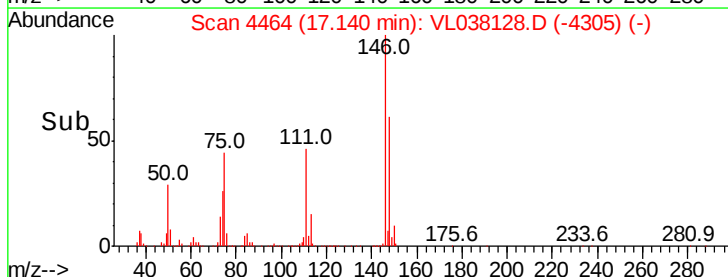
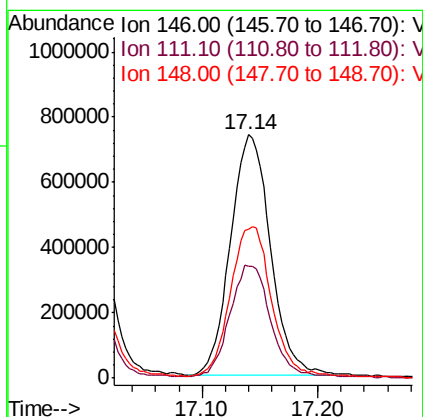
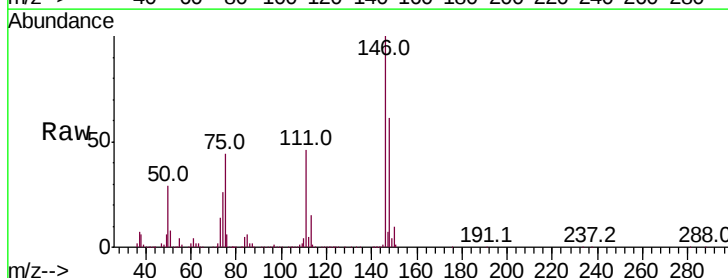
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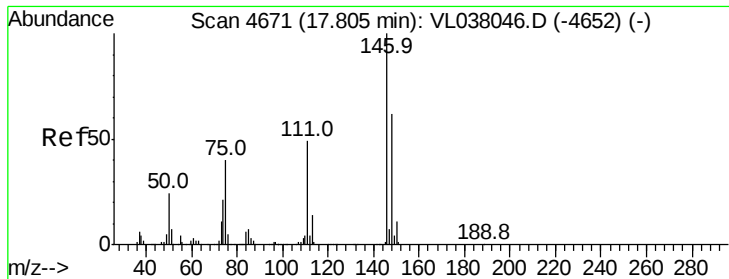
Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#76
 1,4-Dichlorobenzene
 Concen: 8.711 ppbv
 RT: 17.14 min Scan# 4464
 Delta R.T. 0.01 min
 Lab File: VL038128.D
 Acq: 29 Nov 2021 10:07

Tgt Ion:146 Resp: 1768628
 Ion Ratio Lower Upper
 146 100
 111 49.0 23.8 71.5
 148 66.4 33.2 99.6



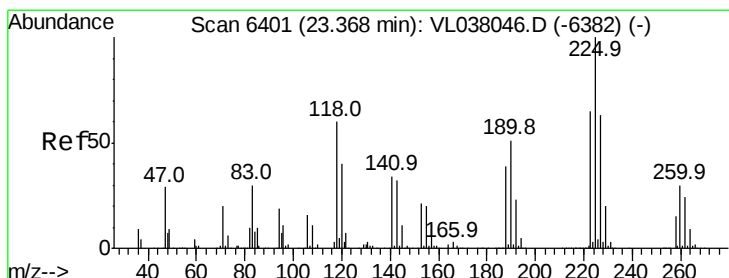
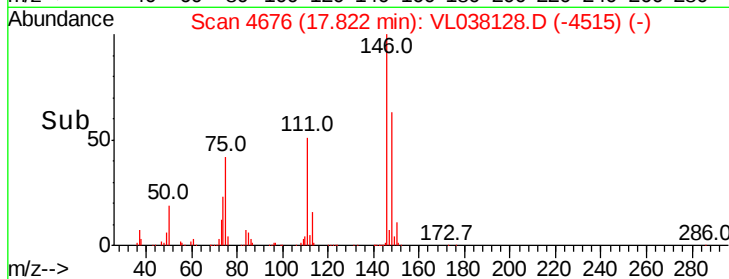
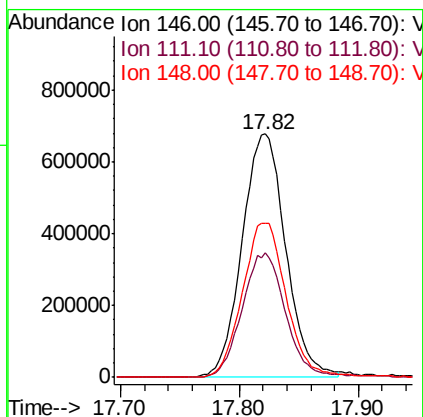
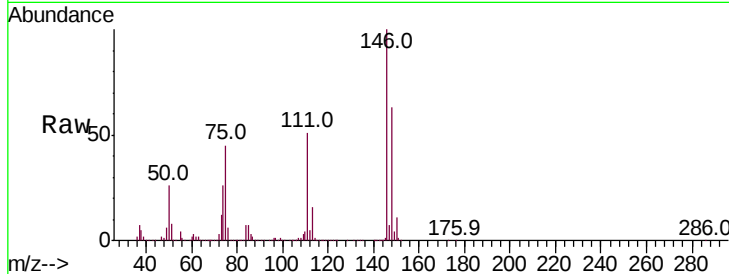


#77
 1,2-Dichlorobenzene
 Concen: 8.756 ppbv
 RT: 17.82 min
 Delta R.T. 0.01 min
 Lab File: VL038128.D
 Acq: 29 Nov 2021 10:07

Tot Ion: 1
 Ion Ratio
 146 100
 111 51.1
 148 64.1

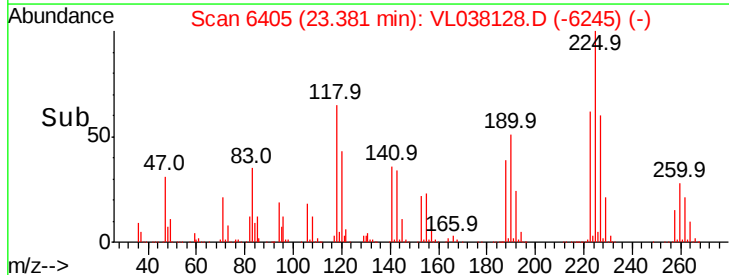
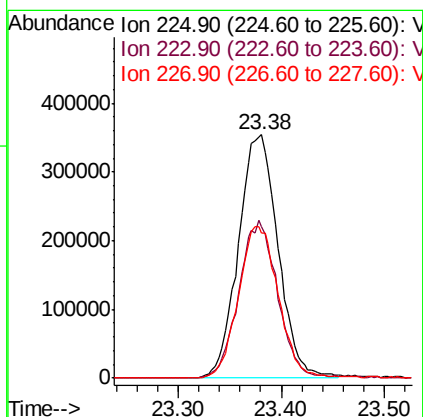
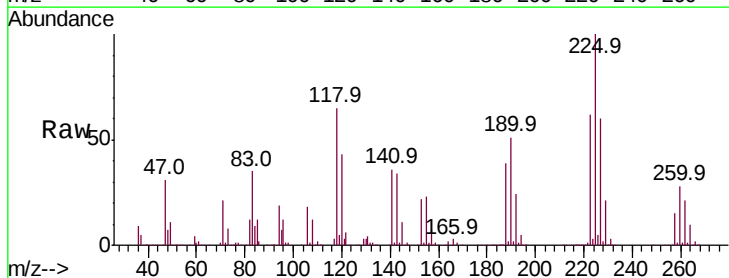
Manual Integrations
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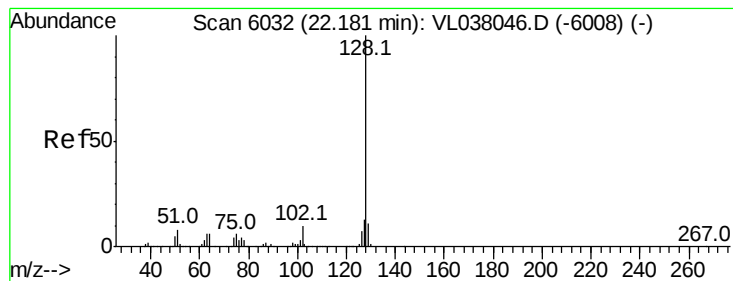
Reviewed By : Semsettin Yesilyurt 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.768 ppbv
 RT: 23.38 min Scan# 6405
 Delta R.T. 0.01 min
 Lab File: VL038128.D
 Acq: 29 Nov 2021 10:07

Tgt Ion: 225 Resp: 947444
 Ion Ratio Lower Upper
 225 100
 223 64.2 52.3 78.5
 227 63.3 52.4 78.6





#79

Naphthalene

Concen: 9.133 ppbv

RT: 22.20

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Nov 2021 10:07

Tot Ion:1

Ion Rati

128 100

127 12.

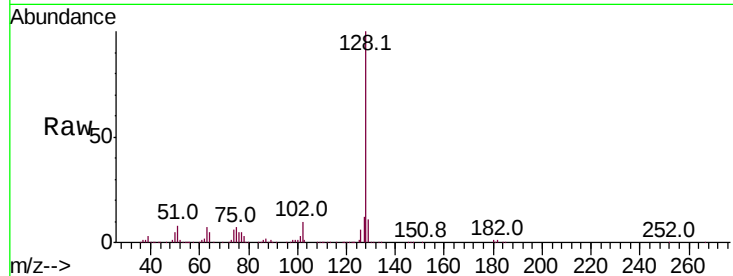
129 10.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/30/2021

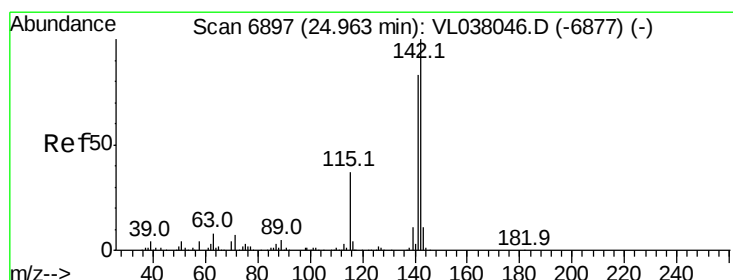
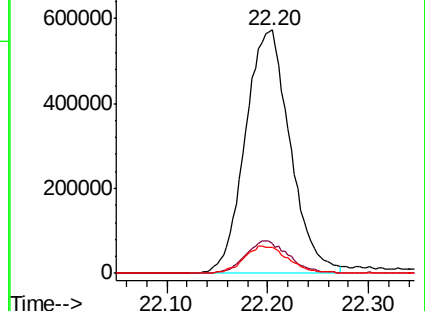
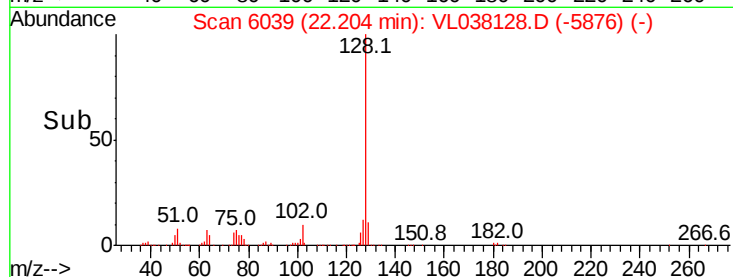
Supervised By :Mahesh Dadoda 12/01/2021



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 9.225 ppbv

RT: 24.98 min Scan# 6902

Delta R.T. 0.02 min

Lab File: VL038128.D

Acq: 29 Nov 2021 10:07

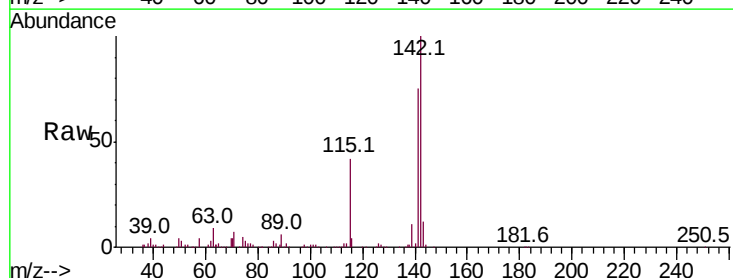
Tgt Ion:142 Resp: 382429

Ion Ratio Lower Upper

142 100

141 87.9 67.3 100.9

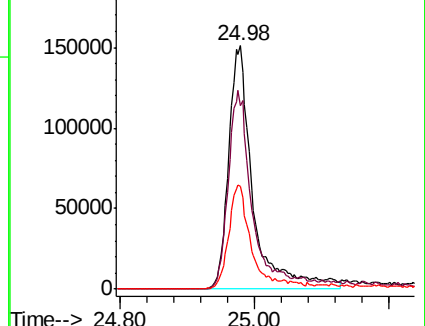
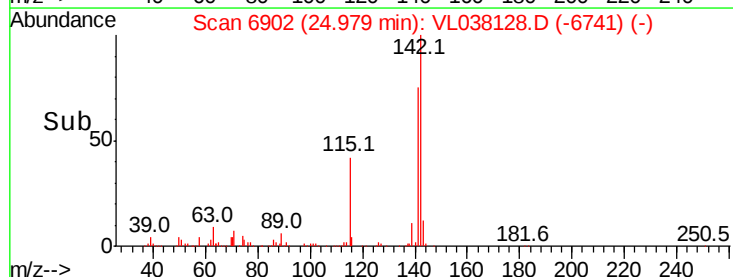
115 38.9 28.9 43.3

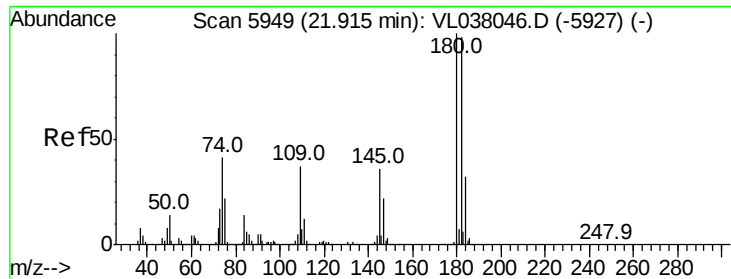


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 8.811 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 29 Nov 2021 10:07

Tot Ion:1
 Ion Rati
 180 100
 182 95.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021

