

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038094.D
 Acq On : 23 Nov 2021 10:22
 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 24 07:04:41 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 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	960316	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2864819	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2610443m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2075828	11.02	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1447007	9.122	ppbv 97
3) Chlorodifluoromethane	3.00	51	1924782	9.544	ppbv 99
4) Chloromethane	3.15	50	658487	9.592	ppbv 97
5) Vinyl Chloride	3.27	62	671928	9.977	ppbv 99
6) Bromomethane	3.48	94	351860	9.753	ppbv 96
7) Chloroethane	3.56	64	231152	9.671	ppbv 93
8) Dichlorotetrafluoroethane	3.20	85	1606612	10.181	ppbv 97
9) Propene	3.02	41	650244	8.755	ppbv 96
10) Heptane	8.12	43	1665244	9.072	ppbv 100
11) Trichlorofluoromethane	3.96	101	1566804	10.386	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1120437	10.499	ppbv 100
13) Ethanol	3.63	45	57093m	7.954	ppbv
14) Bromoethene	3.75	108	479574	10.036	ppbv 99
15) Acetone	3.86	43	772080	9.273	ppbv 99
16) 1,3-Butadiene	3.34	39	637919	9.821	ppbv 98
17) tert-Butyl alcohol	4.30	59	921835	9.127	ppbv 100
18) 1,1-Dichloroethene	4.29	96	501731	10.249	ppbv 98
19) Isopropyl Alcohol	3.98	45	457680	7.608	ppbv 100
20) Methylene Chloride	4.35	84	440280	9.441	ppbv 96
21) Allyl Chloride	4.42	41	755183	9.799	ppbv 97
22) trans-1,2-Dichloroethene	4.89	96	545108	10.993	ppbv 98
23) Vinyl Acetate	5.08	43	1263450	10.483	ppbv 99
24) 1,1-Dichloroethane	5.02	63	1076559	10.726	ppbv 98
25) Ethyl Acetate	5.68	43	2485718	8.983	ppbv 99
26) Hexane	5.69	57	1200729	9.003	ppbv 96
27) Carbon Disulfide	4.56	76	1266734	10.602	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	1192349	10.524	ppbv 100
29) Chloroform	5.76	83	1862644	9.476	ppbv 100
30) Cyclohexane	7.13	84	1096453	9.055	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	1159221	9.137	ppbv 96
32) 1,1,1-Trichloroethane	6.52	97	1945338	9.751	ppbv 99
34) 2-Butanone	5.25	43	854196	7.395	ppbv 98
35) Carbon Tetrachloride	7.02	117	1963562	9.755	ppbv 100
36) Benzene	6.89	78	2643240	9.249	ppbv 100
37) 1,2-Dichloroethane	6.31	62	1437808	10.418	ppbv 98
38) Trichloroethene	7.83	130	946912	8.784	ppbv 99
39) 1,2-Dichloropropane	7.62	63	1032541	9.419	ppbv 96
40) 1,4-Dioxane	7.84	88	237862	8.329	ppbv # 1
41) Tetrahydrofuran	6.05	42	635942	8.868	ppbv 98
42) Bromodichloromethane	7.79	83	2123260	10.119	ppbv 100
43) Methyl Methacrylate	8.02	69	964429	9.864	ppbv 100

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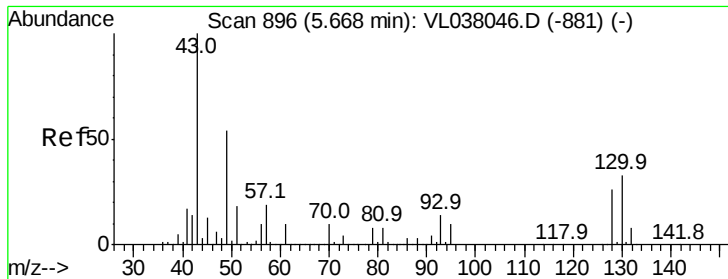
Manual Integrations
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 Supervised By : Mahesh Dadoda 11/29/2021

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4244843	8.878	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	877810	11.193	ppbv	97
46) cis-1,3-Dichloropropene	8.70	75	1087983	10.257	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	1043894	9.092	ppbv	92
48) Dibromochloromethane	10.30	129	1705219	9.753	ppbv	99
49) Bromoform	13.04	173	1236489	9.885	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1720928	9.810	ppbv	100
51) 2-Hexanone	10.14	43	795542	9.639	ppbv #	98
52) Tetrachloroethene	11.22	164	867009	8.199	ppbv	99
53) Toluene	9.81	91	2968016	9.027	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1483336	9.147	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.12	131	1100012	9.283	ppbv	99
57) Chlorobenzene	12.14	112	2069004	8.843	ppbv	97
58) Ethyl Benzene	12.71	91	3844646	8.911	ppbv	100
59) m/p-Xylene	12.99	91	6320057m	17.401	ppbv	
60) o-Xylene	13.69	91	2913824	8.648	ppbv	98
61) Styrene	13.53	104	1613282	8.931	ppbv	96
62) Isopropylbenzene	14.67	105	4098914	8.571	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	2061633	8.238	ppbv	99
64) n-propylbenzene	15.56	120	1061636	8.714	ppbv	95
65) tert-Butylbenzene	16.74	119	3475777	8.249	ppbv	98
66) Benzyl Chloride	16.99	91	186233	8.721	ppbv	100
67) sec-Butylbenzene	17.29	105	4902340	8.350	ppbv	99
69) p-Isopropyltoluene	17.65	119	3927652	8.552	ppbv	98
70) n-Butylbenzene	18.54	91	3853411	8.775	ppbv	99
71) 2-Chlorotoluene	15.45	91	3060297	8.752	ppbv	99
72) 4-Ethyltoluene	15.83	105	3526912	9.028	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	3073272	8.614	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	3139309	8.539	ppbv	95
75) 1,3-Dichlorobenzene	16.99	146	1734286	8.588	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	1707526	8.403	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	1652896	8.453	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	896965	7.347	ppbv	99
79) Naphthalene	22.19	128	1714488	8.855	ppbv	97
80) Naphthalene, 2-methyl-	24.97	142	334025	8.050	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	920574	8.274	ppbv	97

(#) = 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:

Acq: 23 Nov 2021 10:22 VSTDCCC010

Tot Ion:

Ion Ratio

49 100

128 52.

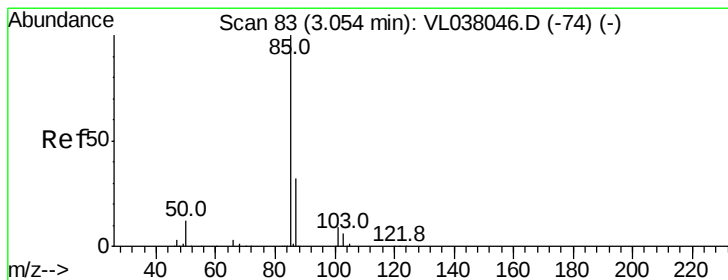
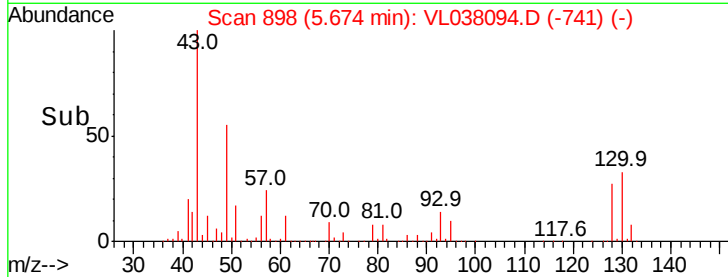
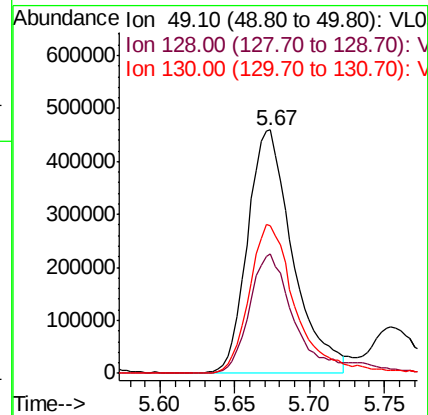
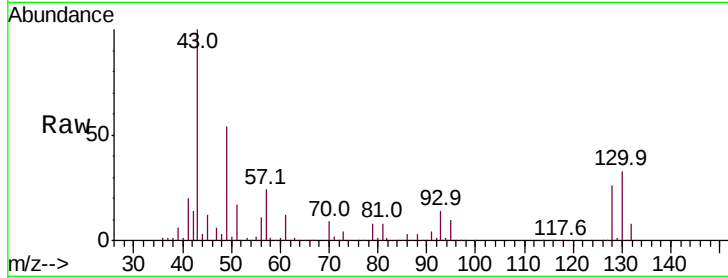
130 63.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#2

Dichlorodifluoromethane

Concen: 9.122 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL038094.D

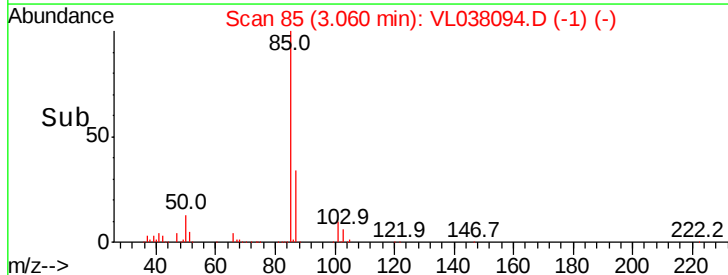
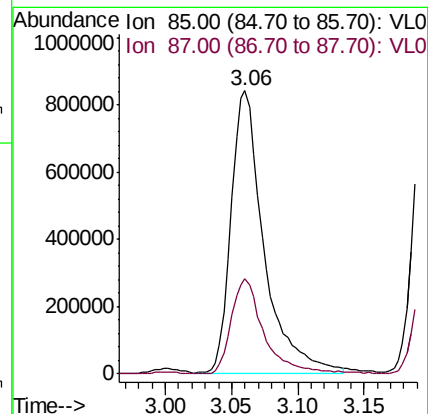
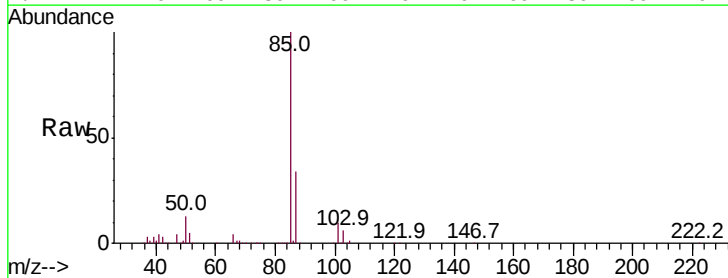
Acq: 23 Nov 2021 10:22

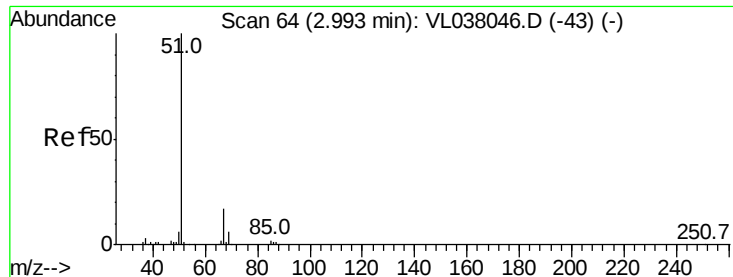
Tgt Ion: 85 Resp: 1447007

Ion Ratio Lower Upper

85 100

87 33.6 25.8 38.6



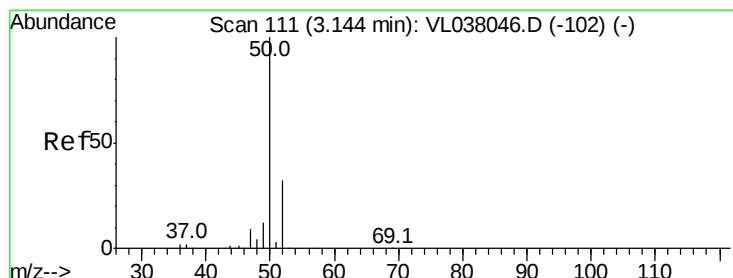
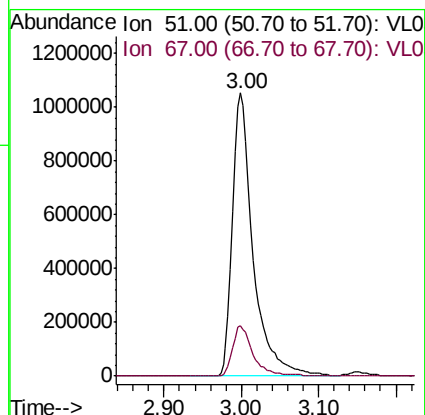
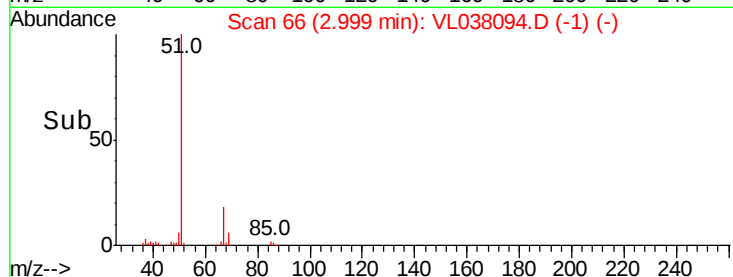
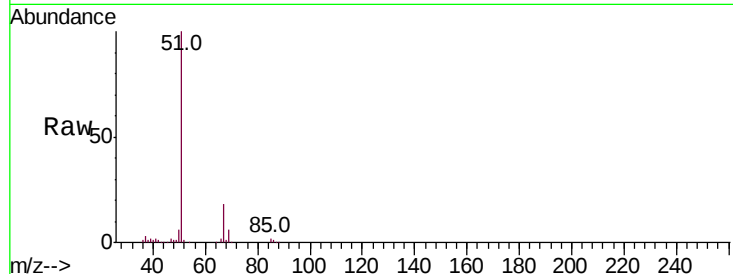


#3
Chlorodifluoromethane
Concen: 9.544 ppbv
RT: 3.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 10:22

Tot Ion:
Ion Ratio
51 100
67 17.

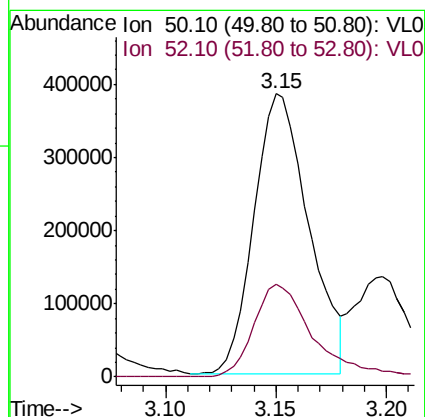
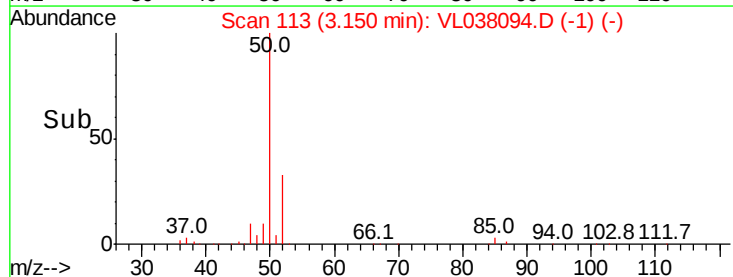
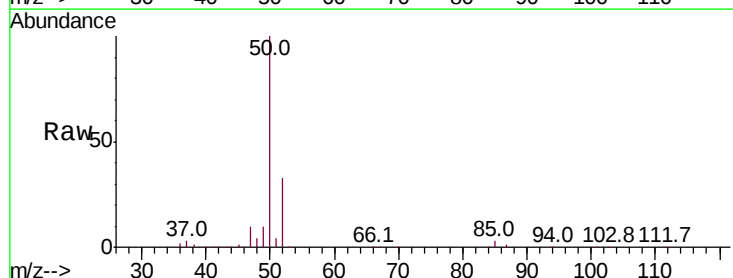
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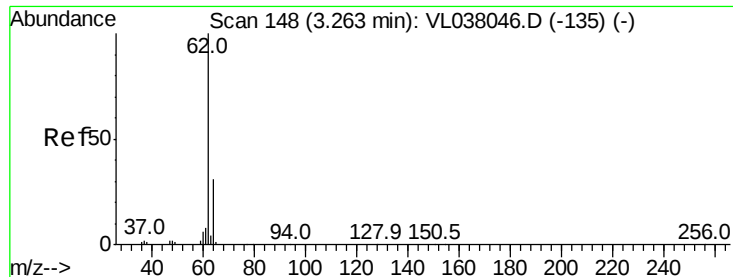
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#4
Chloromethane
Concen: 9.592 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.01 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 50 Resp: 658487
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.0





#5

Vinyl Chloride

Concen: 9.977 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 23 Nov 2021 10:22 VSTDCCC010

Tot Ion:

Ion Ratio

62 100

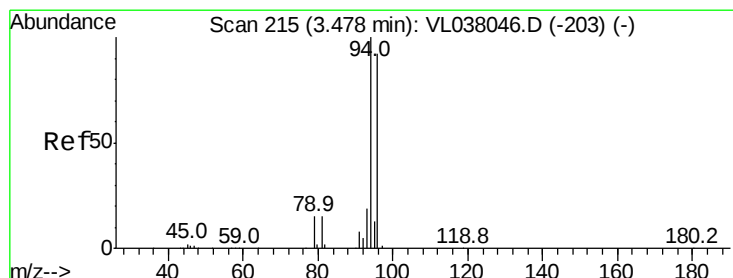
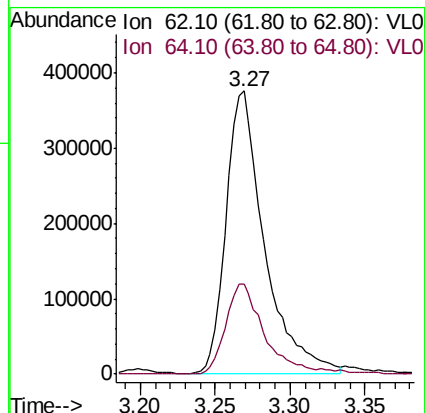
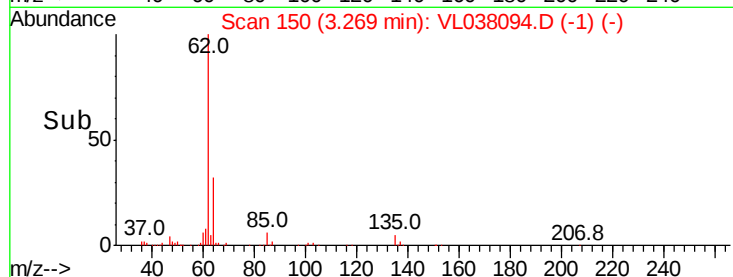
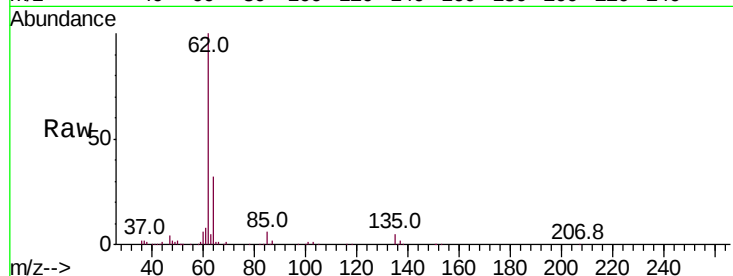
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#6

Bromomethane

Concen: 9.753 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL038094.D

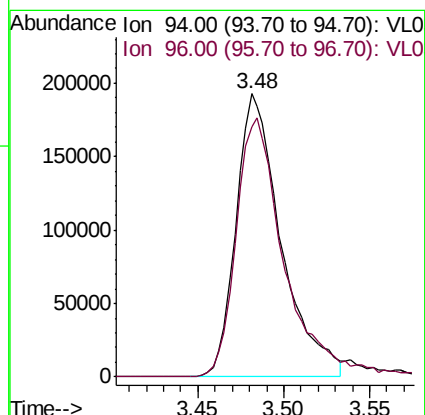
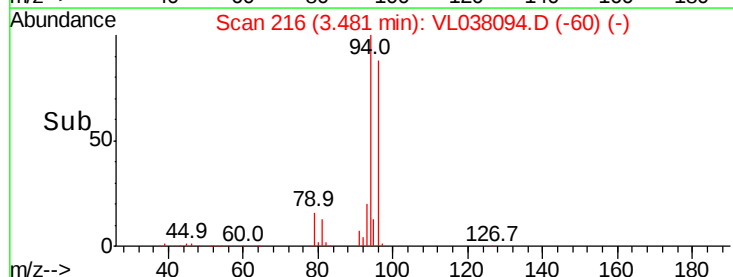
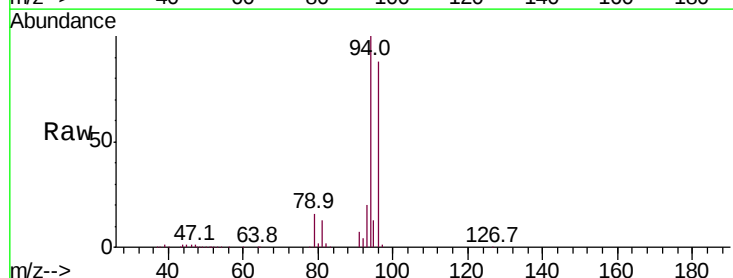
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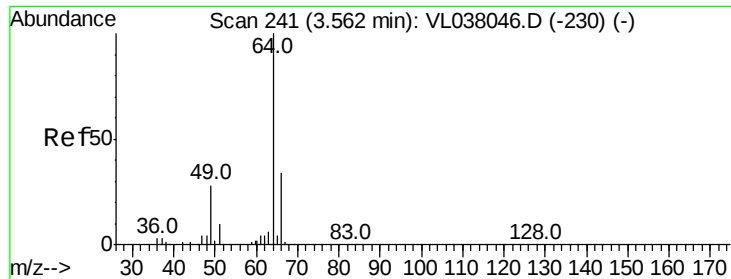
Tgt Ion: 94 Resp: 351860

Ion Ratio Lower Upper

94 100

96 88.3 73.9 110.9





#7

Chloroethane

Concen: 9.671 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 23 Nov 2021 10:22

Tot Ion:

Ion Ratio

64 100

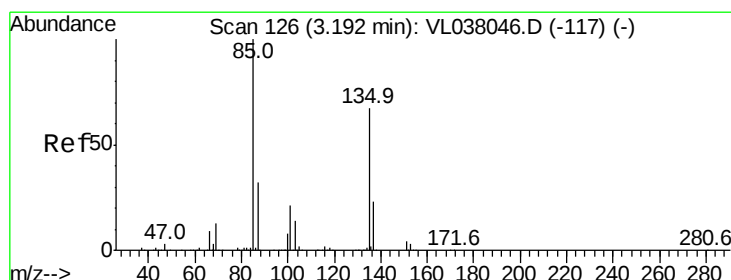
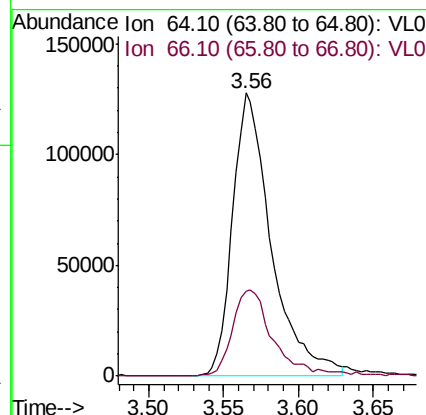
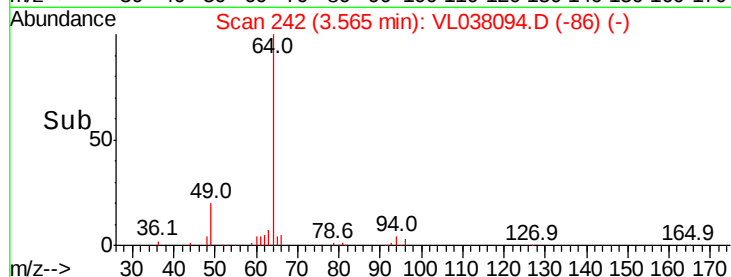
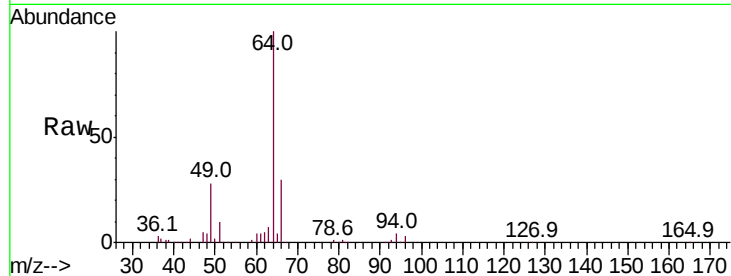
66 30.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/29/2021



#8

Dichlorotetrafluoroethane

Concen: 10.181 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.01 min

Lab File: VL038094.D

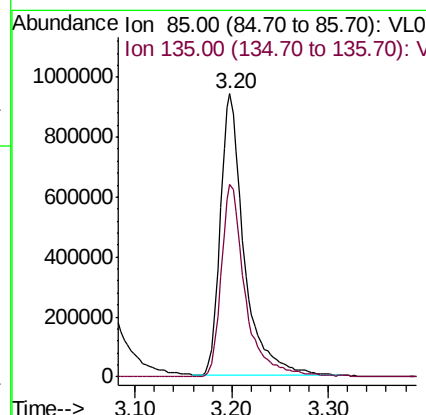
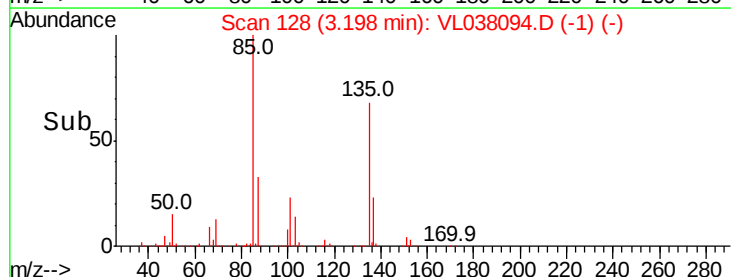
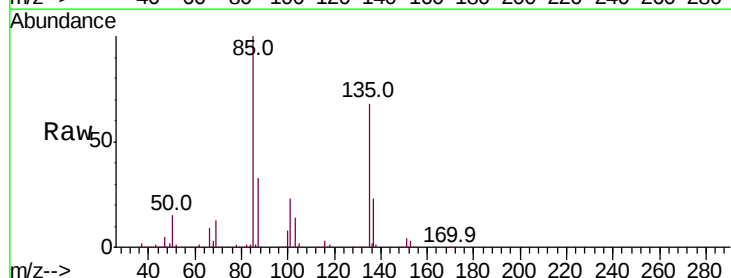
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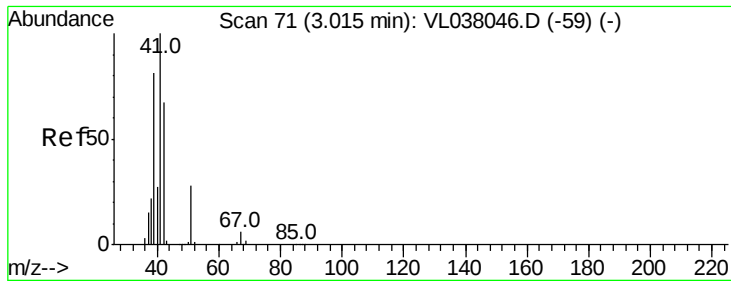
Tgt Ion: 85 Resp: 1606612

Ion Ratio Lower Upper

85 100

135 70.1 57.9 86.9





#9

Propene

Concen: 8.755 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDCCC010

Acq: 23 Nov 2021 10:22

Tot Ion:

Ion Ratio

41 100

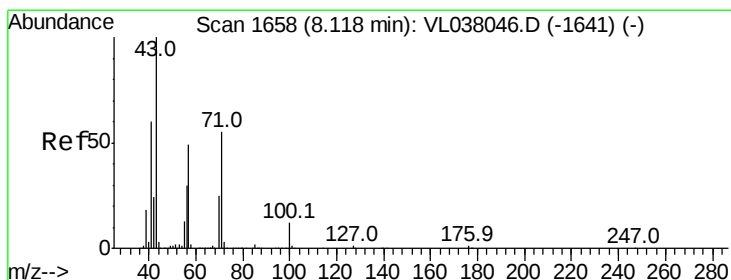
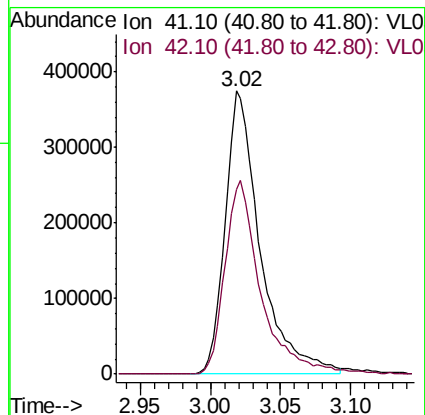
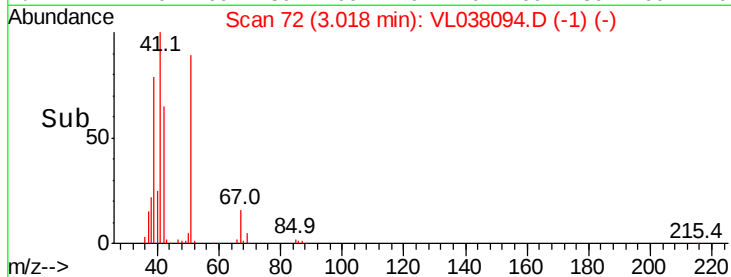
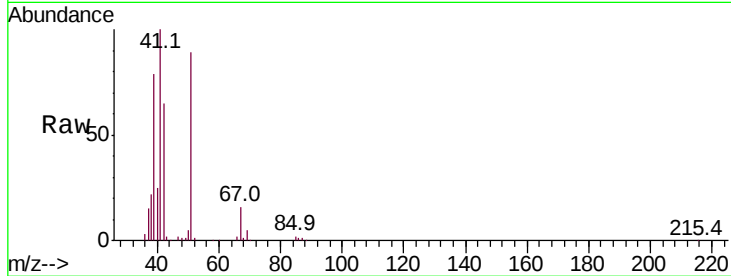
42 70.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#10

Heptane

Concen: 9.072 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VL038094.D

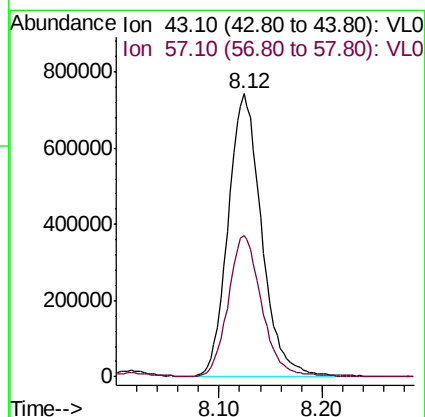
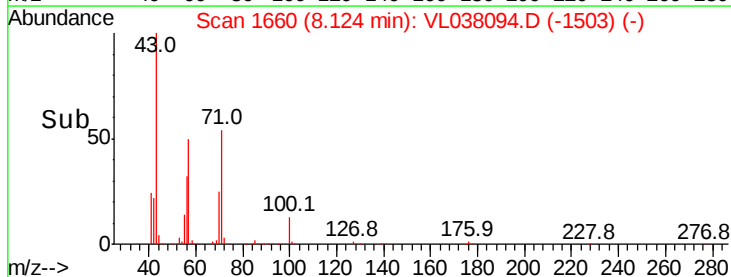
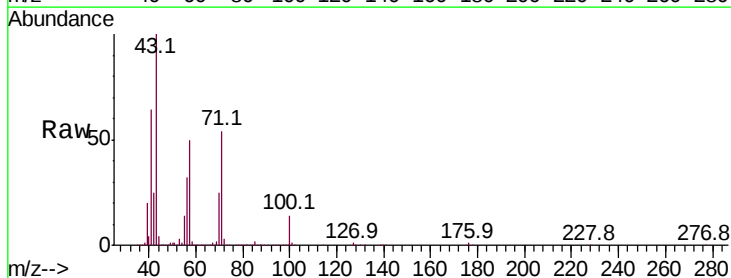
Acq: 23 Nov 2021 10:22

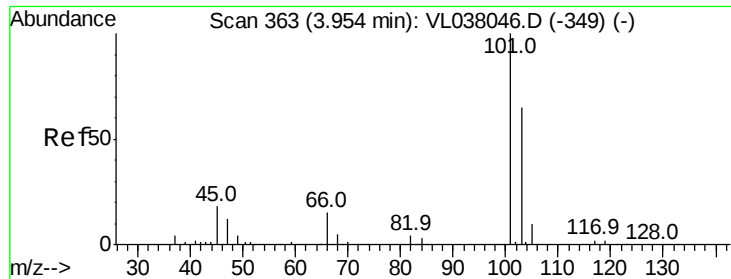
Tgt Ion: 43 Resp: 1665244

Ion Ratio Lower Upper

43 100

57 50.5 40.4 60.6



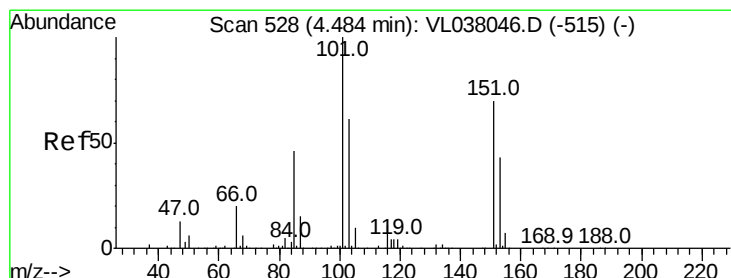
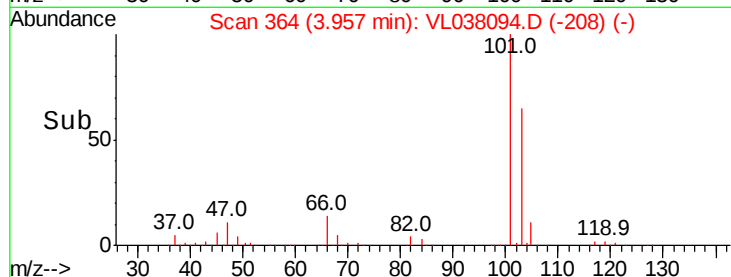
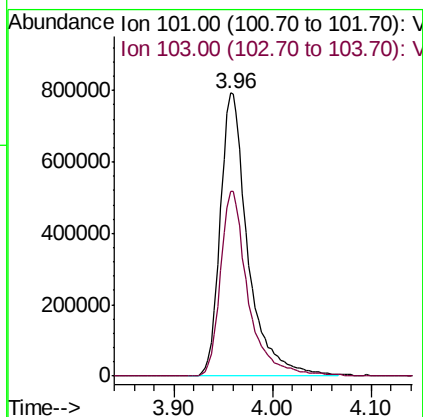
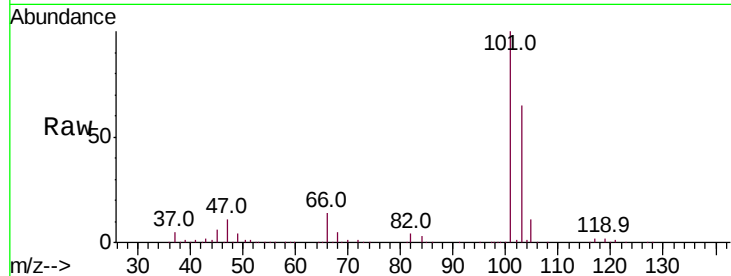


#11
 Trichlorofluoromethane
 Concen: 10.386 ppbv
 RT: 3.96 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

Tot Ion:1
 Ion Ratio
 101 100
 103 65.

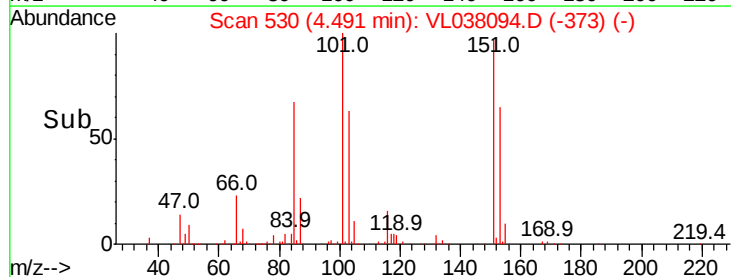
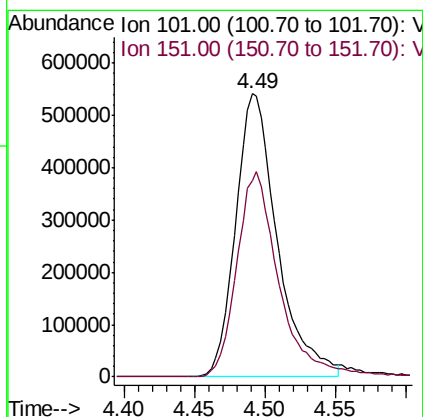
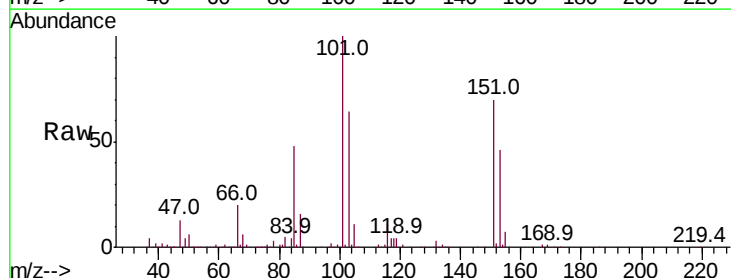
Manual Integrations
 APPROVED

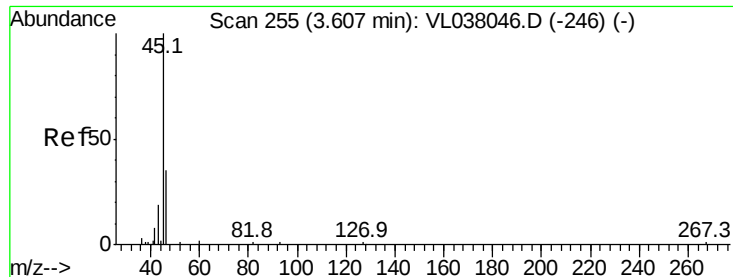
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.499 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion:101 Resp: 1120437
 Ion Ratio Lower Upper
 101 100
 151 74.0 59.0 88.4





#13

Ethanol

Concen: 7.954 ppbv m

RT: 3.63

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Nov 2021 10:22

Tot Ion:

Ion Ratio

45 100

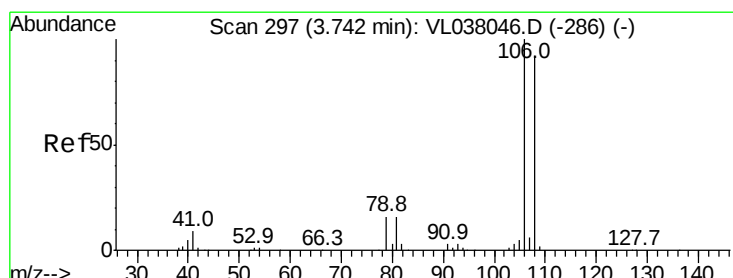
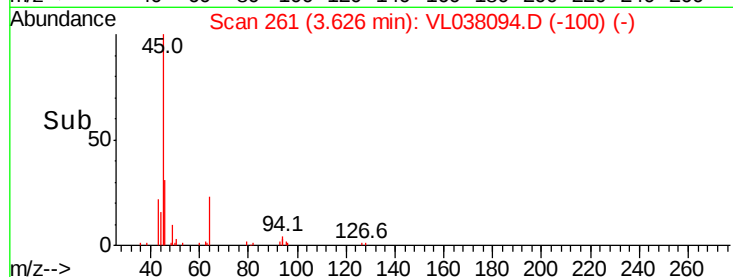
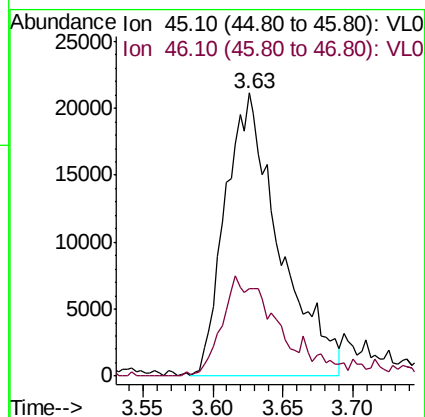
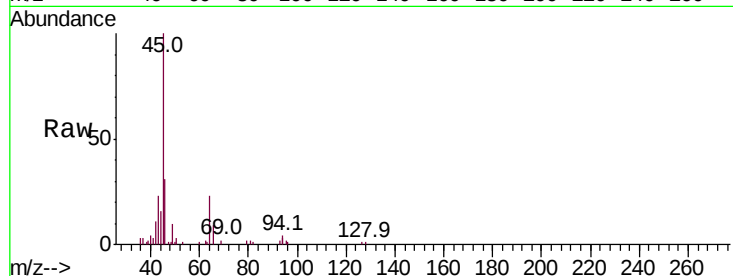
46 41.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#14

Bromoethene

Concen: 10.036 ppbv

RT: 3.75 min Scan# 299

Delta R.T. 0.01 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

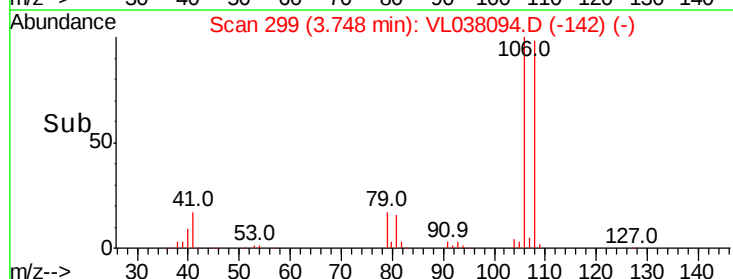
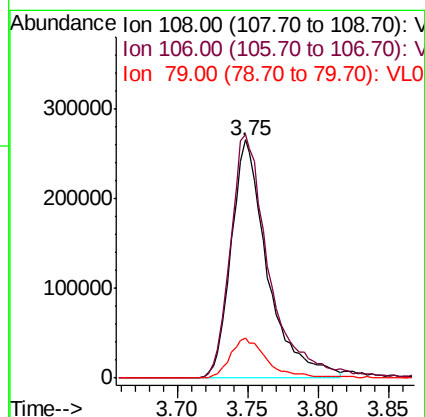
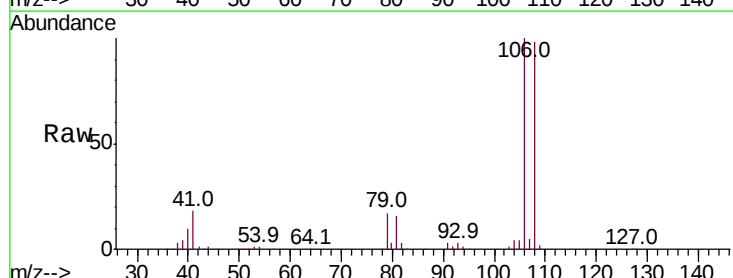
Tgt Ion:108 Resp: 479574

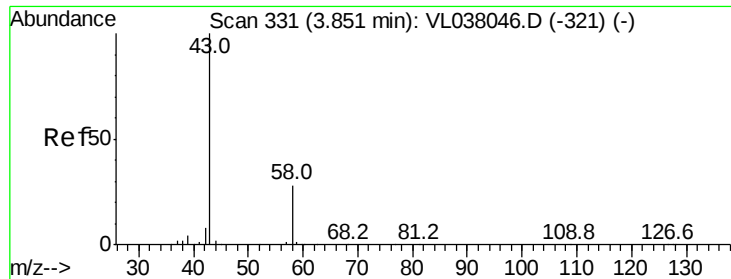
Ion Ratio Lower Upper

108 100

106 110.4 89.4 134.0

79 18.0 14.1 21.1



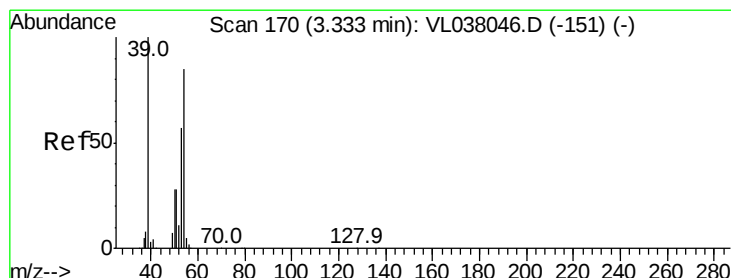
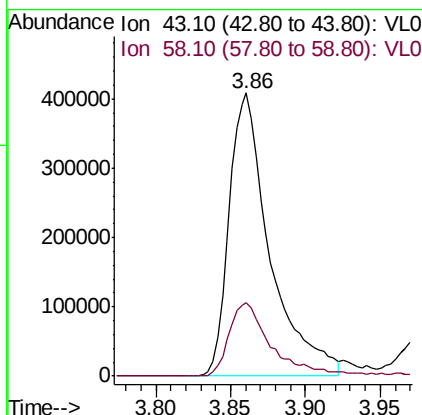
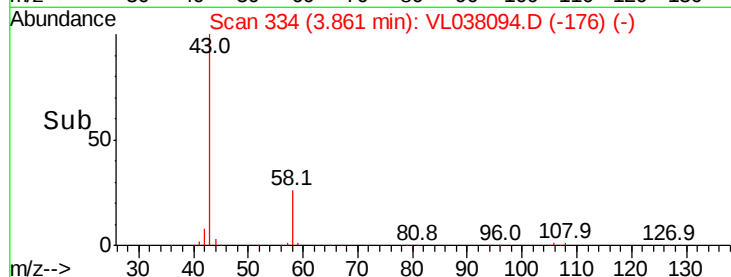
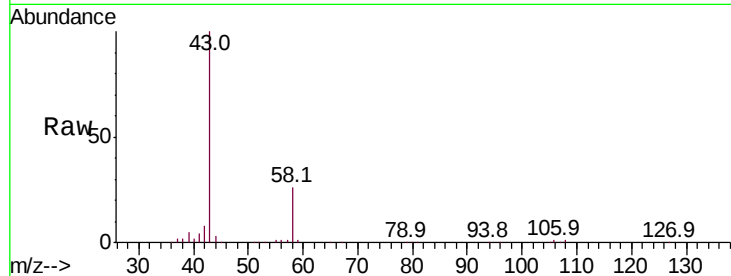


#15
Acetone
Concen: 9.273 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 23 Nov 2021 10:22

Tot Ion:
Ion Ratio
43 100
58 27.

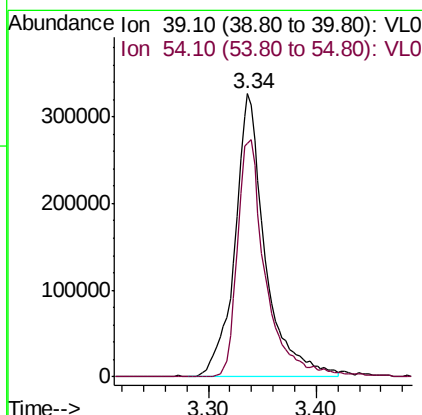
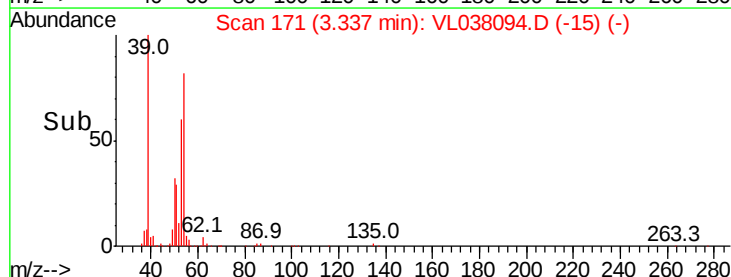
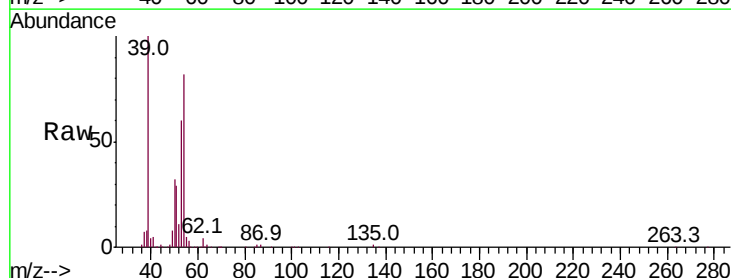
Manual Integrations
APPROVED

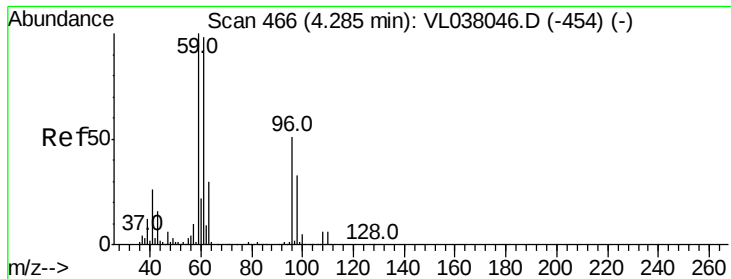
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#16
1,3-Butadiene
Concen: 9.821 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.00 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 39 Resp: 637919
Ion Ratio Lower Upper
39 100
54 78.7 64.4 96.6





#17

tert-Butyl alcohol

Concen: 9.127 ppbv

RT: 4.30 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 23 Nov 2021 10:22

Tot Ion:

Ion Ratio

59 100

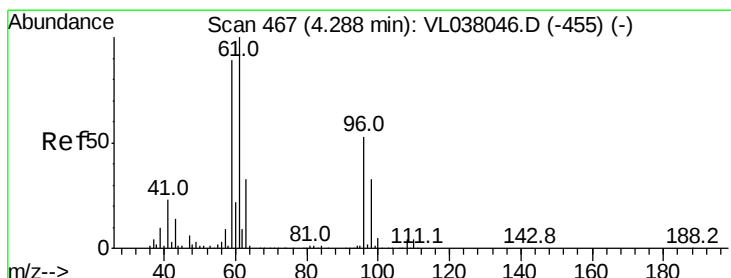
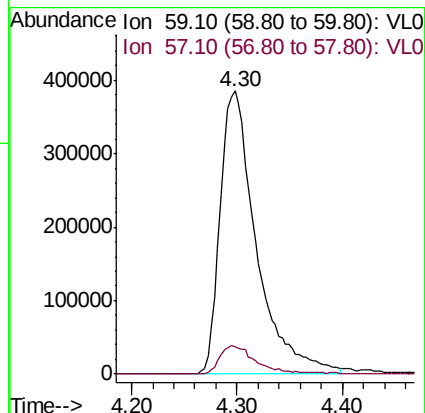
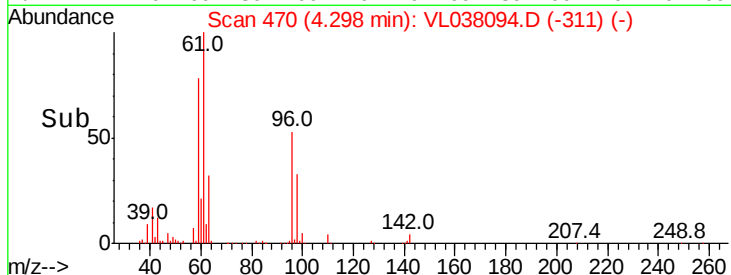
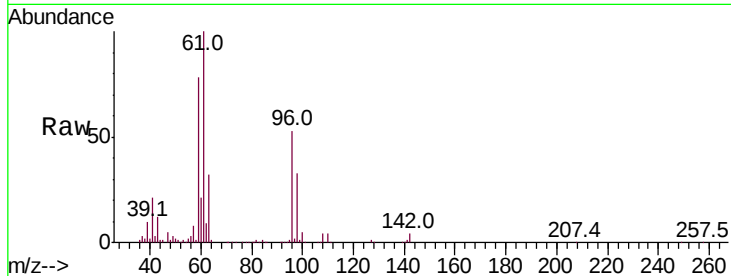
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#18

1,1-Dichloroethene

Concen: 10.249 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.01 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

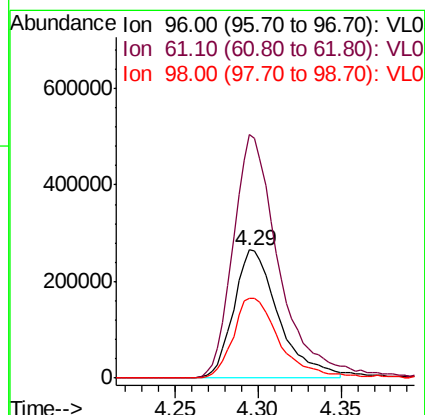
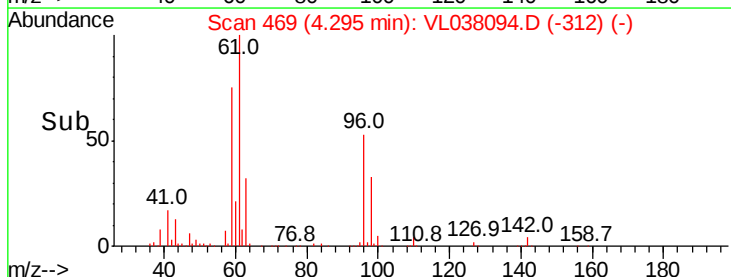
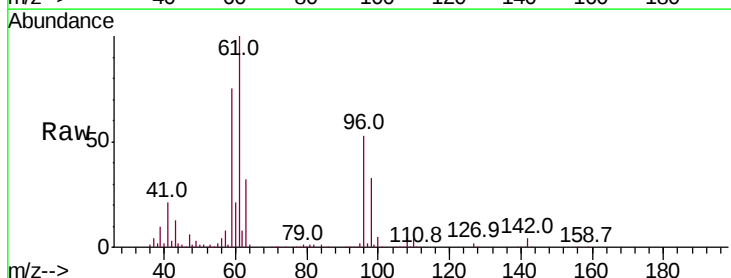
Tgt Ion: 96 Resp: 501731

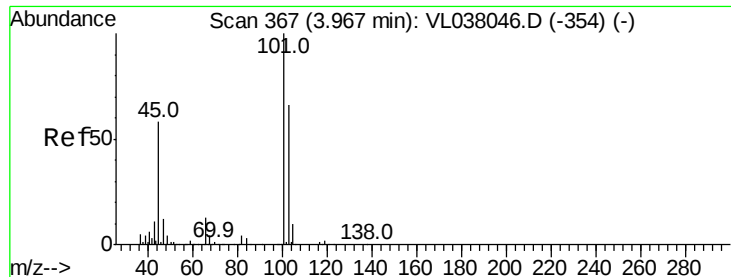
Ion Ratio Lower Upper

96 100

61 190.1 149.8 224.8

98 62.0 50.2 75.2





#19

Isopropyl Alcohol

Concen: 7.608 ppbv

RT: 3.98 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 23 Nov 2021 10:22

Tot Ion:

Ion Ratio

45 100

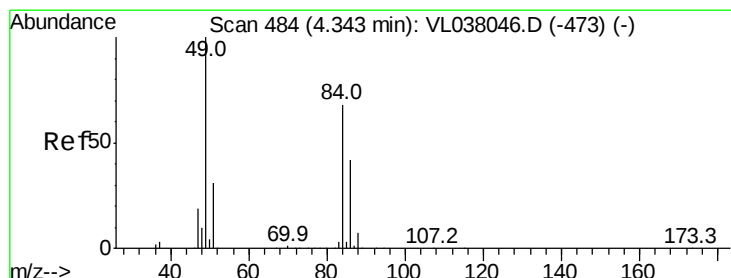
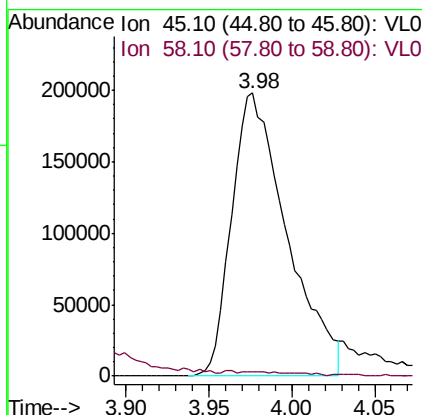
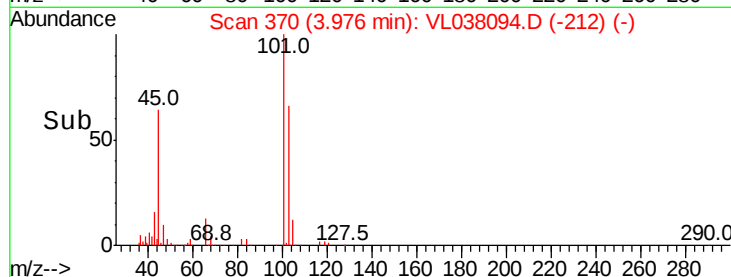
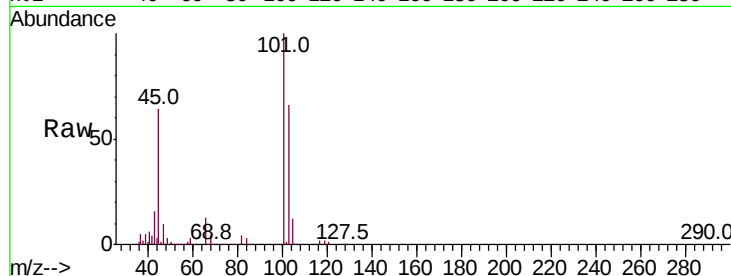
58 1.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#20

Methylene Chloride

Concen: 9.441 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

Tgt Ion: 84 Resp: 440280

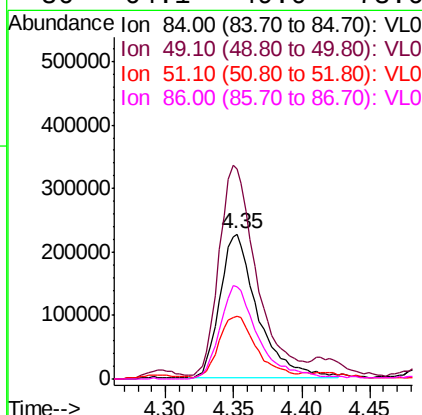
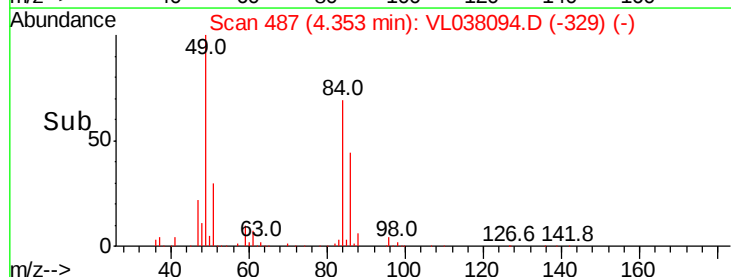
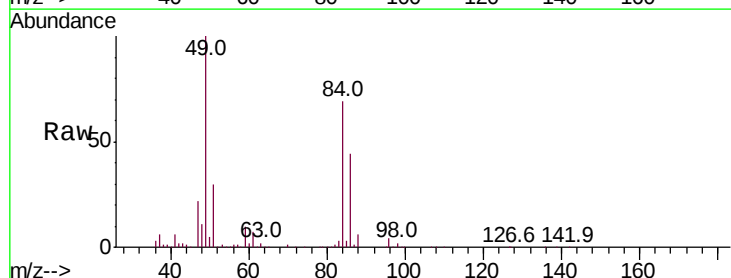
Ion Ratio Lower Upper

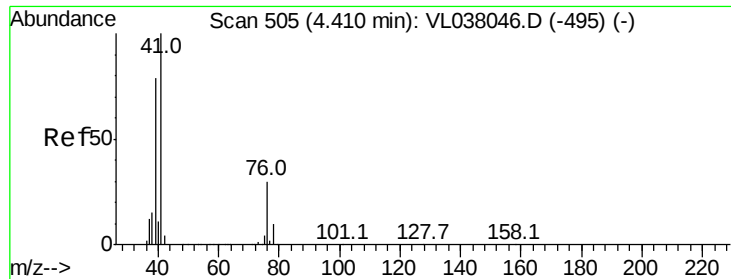
84 100

49 143.0 118.2 177.2

51 42.3 36.8 55.2

86 64.1 49.0 73.6



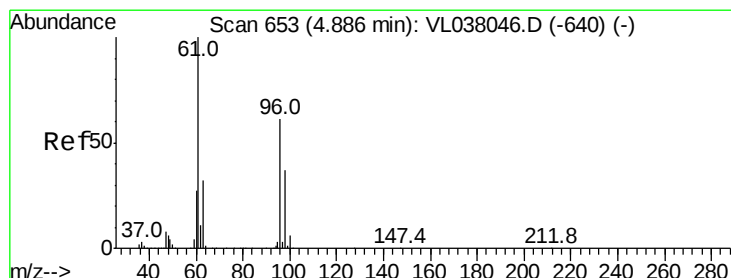
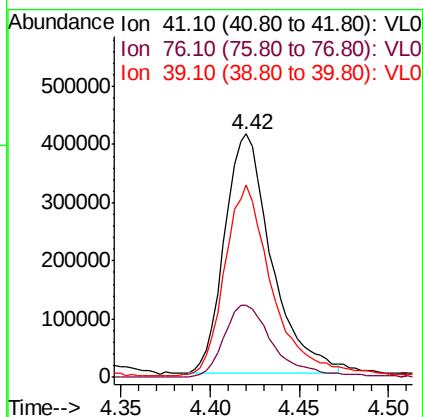
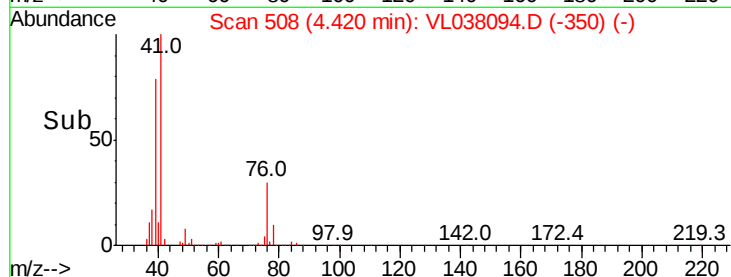
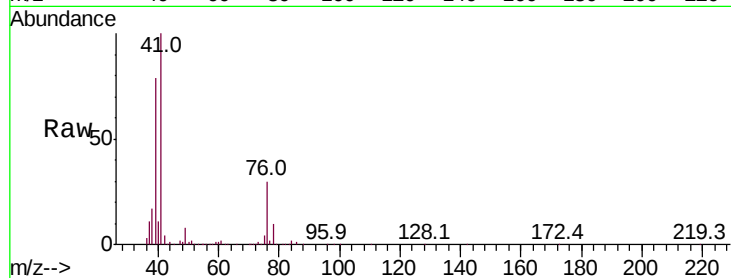


#21
Allvl Chloride
Concen: 9.799 ppbv
RT: 4.42
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 23 Nov 2021 10:22

Tot Ion:
Ion Ratio
41 100
76 32.
39 82.

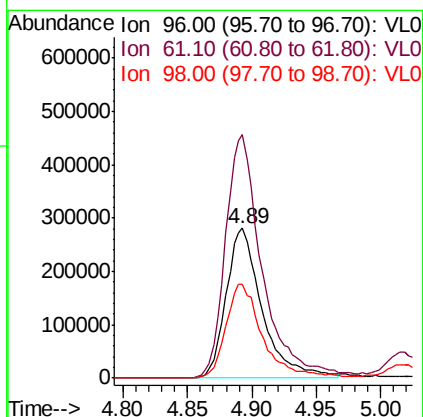
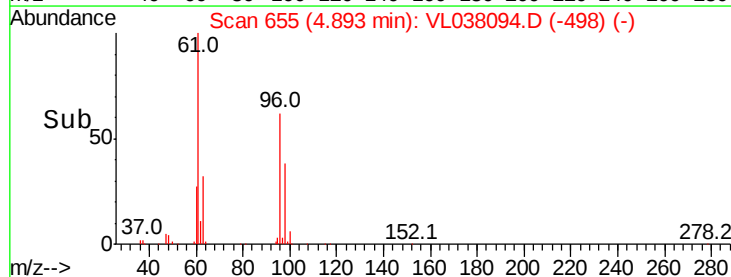
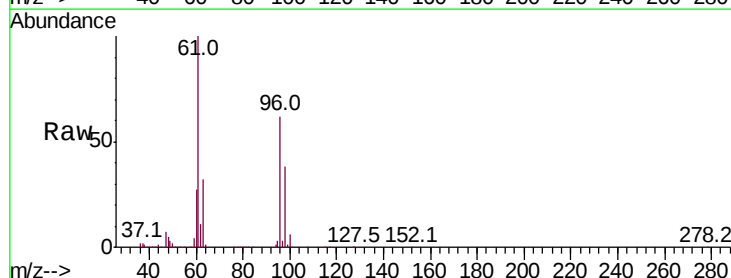
Manual Integrations
APPROVED

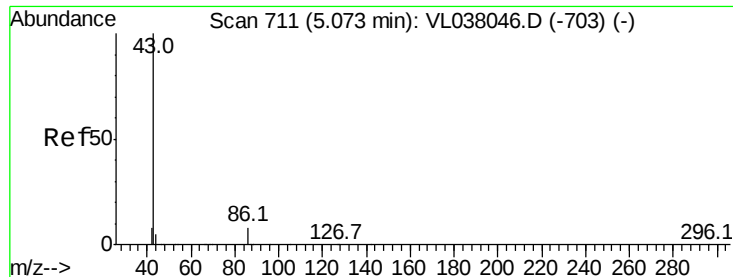
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#22
trans-1,2-Dichloroethene
Concen: 10.993 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.01 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 96 Resp: 545108
Ion Ratio Lower Upper
96 100
61 162.2 131.6 197.4
98 62.4 48.4 72.6





#23

Vinyl Acetate

Concen: 10.483 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 23 Nov 2021 10:22

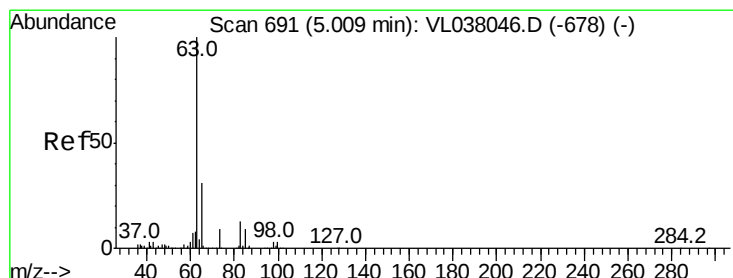
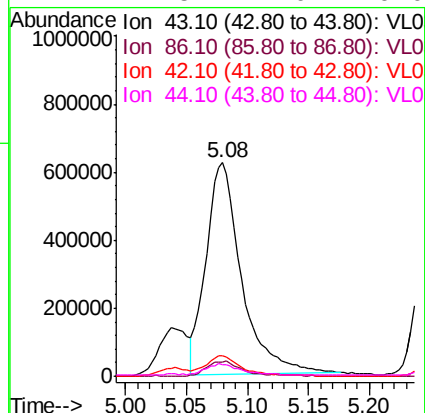
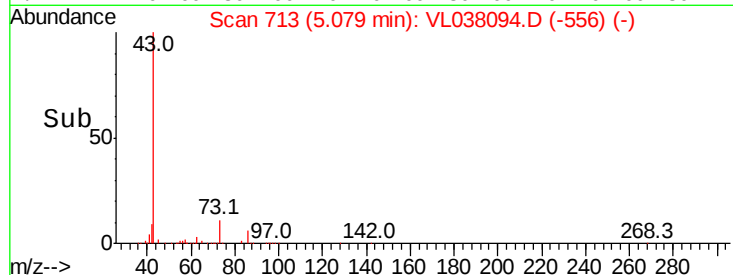
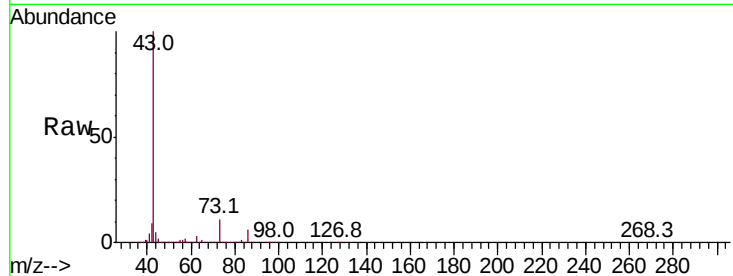
Tot Ion: 43.10 (42.80 to 43.80): VL0

Ion Ratio

Ion	Ratio
43	100
86	6.
42	9.
44	4.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#24

1,1-Dichloroethane

Concen: 10.726 ppbv

RT: 5.02 min Scan# 694

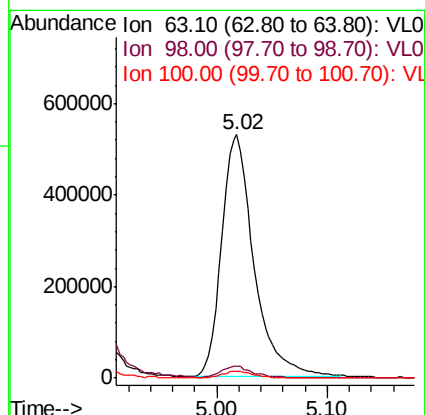
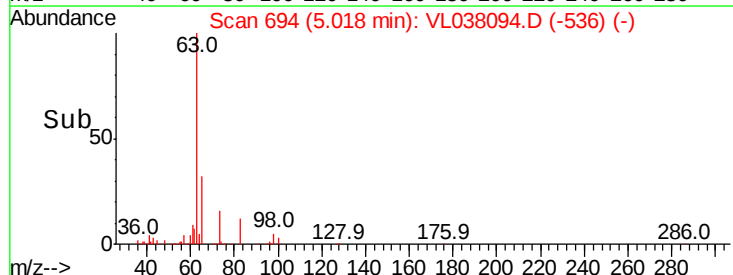
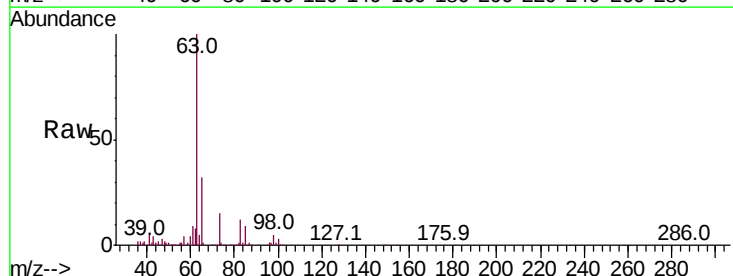
Delta R.T. 0.01 min

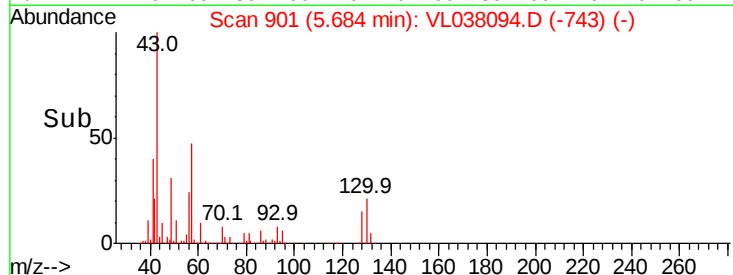
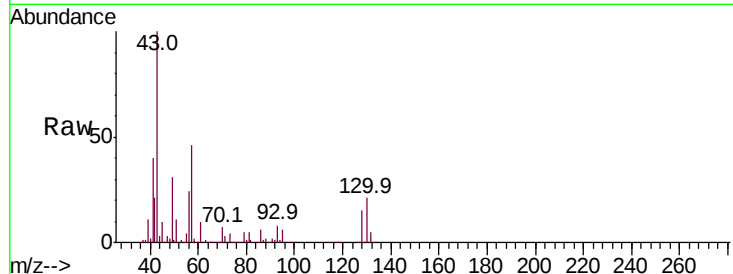
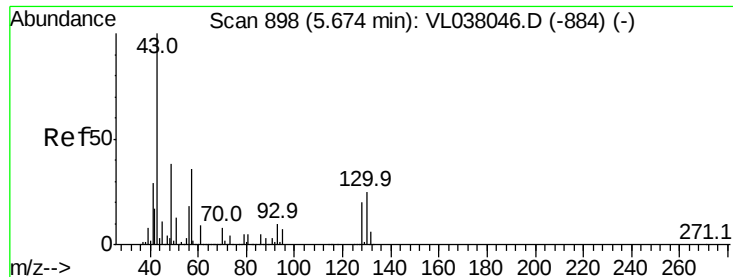
Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

Tgt Ion: 63 Resp: 1076559

Ion	Ratio	Lower	Upper
63	100		
98	4.5	1.8	5.4
100	2.9	1.4	4.0



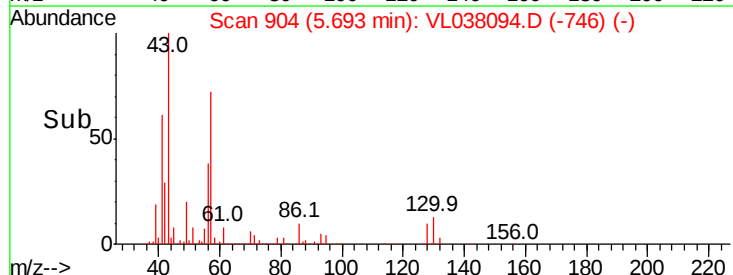
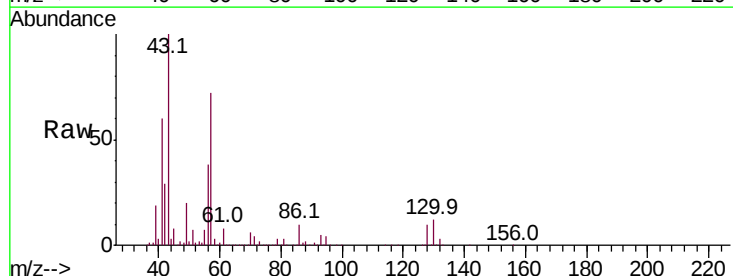
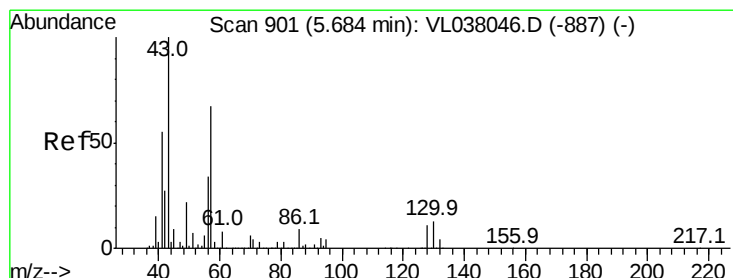
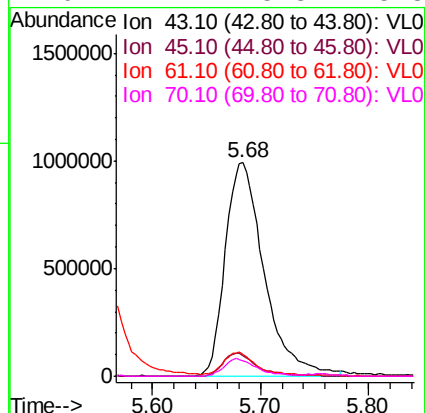


#25
Ethyl Acetate
Concen: 8.983 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Nov 2021 10:22
VSTDCC010

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 7.1 5.8 8.8

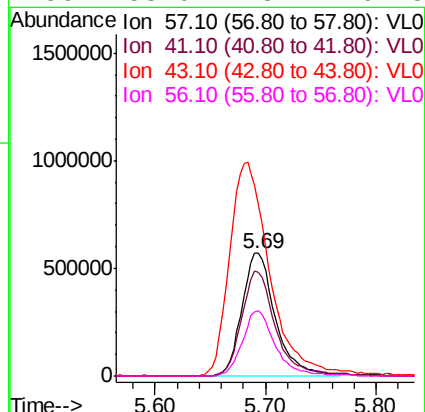
Manual Integrations
APPROVED

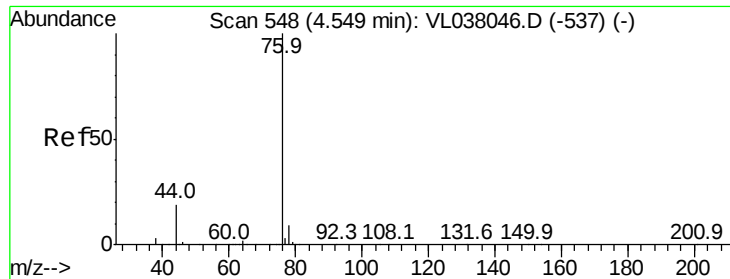
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#26
Hexane
Concen: 9.003 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.01 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 57 Resp: 1200729
Ion Ratio Lower Upper
57 100
41 87.2 71.4 107.2
43 210.1 174.6 261.8
56 53.0 43.2 64.8



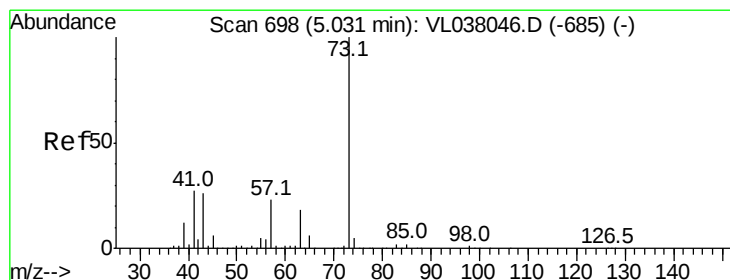
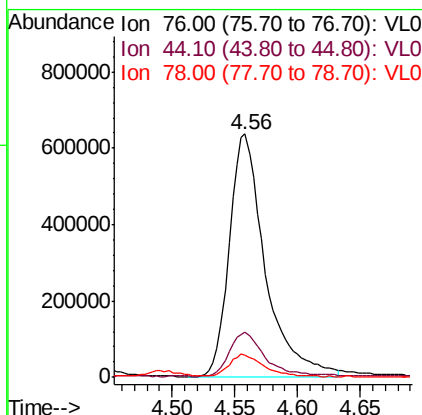
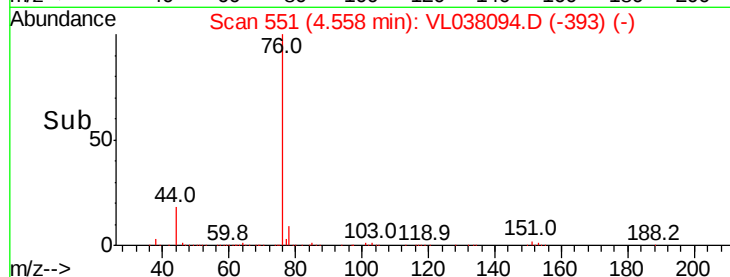
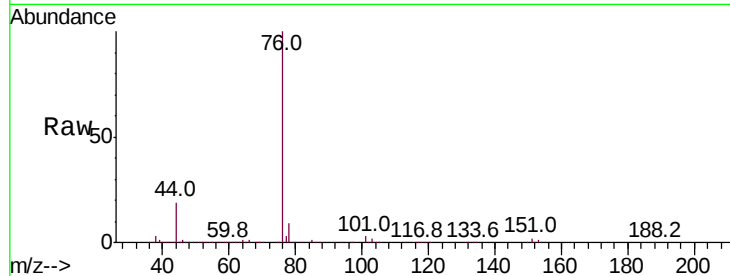


#27
Carbon Disulfide
Concen: 10.602 ppbv
RT: 4.56
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 23 Nov 2021 10:22

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

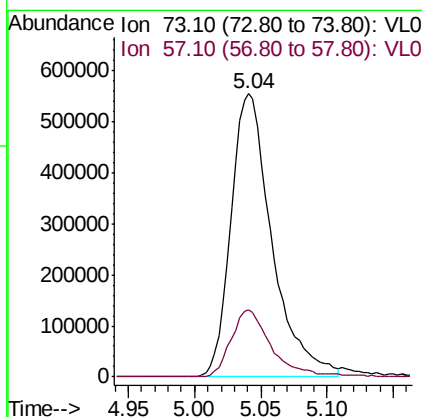
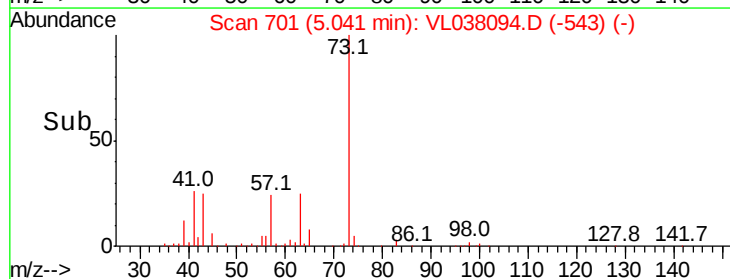
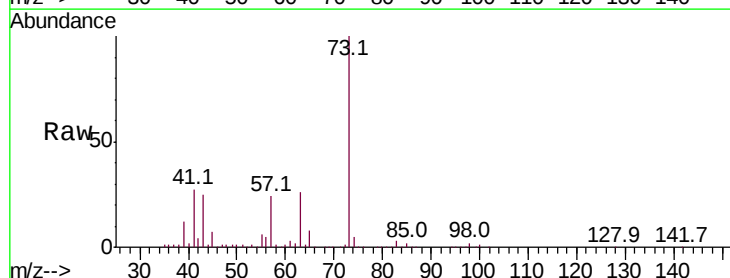
Manual Integrations
APPROVED

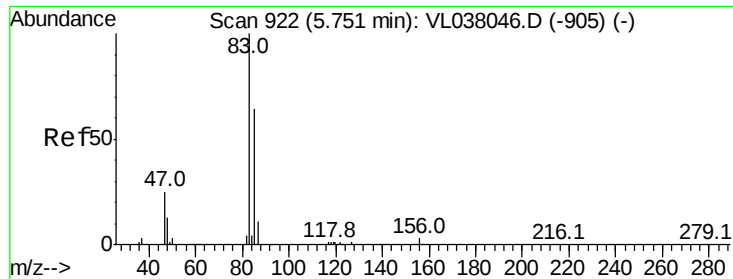
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#28
Methyl tert-Butyl Ether
Concen: 10.524 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.01 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 73 Resp: 1192349
Ion Ratio Lower Upper
73 100
57 23.7 19.0 28.4



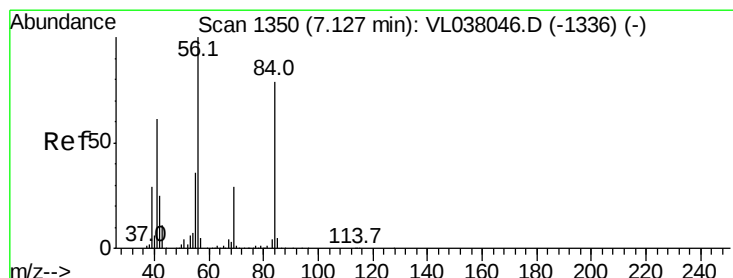
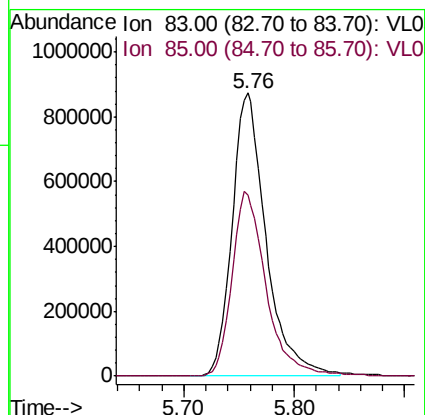
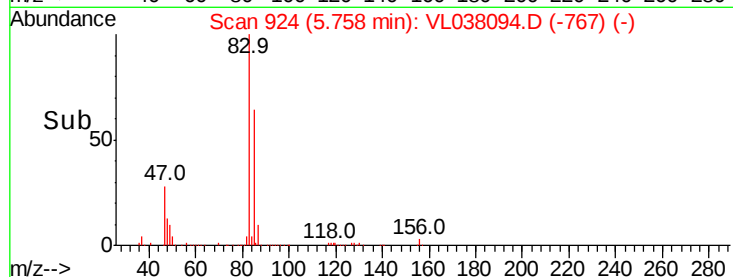
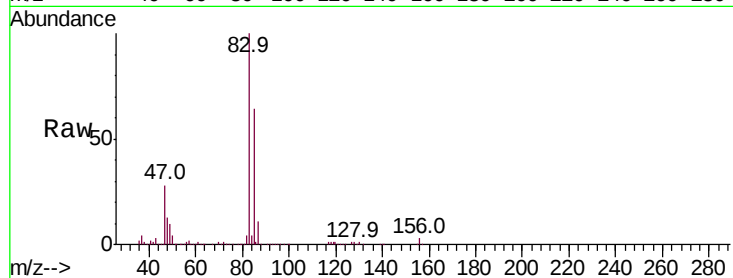


#29
Chloroform
Concen: 9.476 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 10:22

Tot Ion:
Ion Ratio
83 100
85 63.

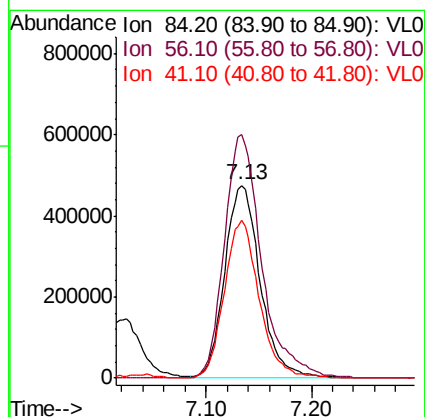
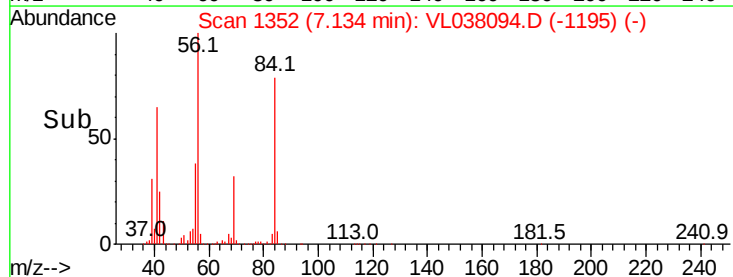
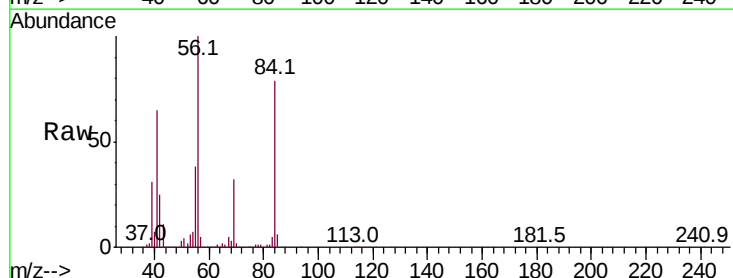
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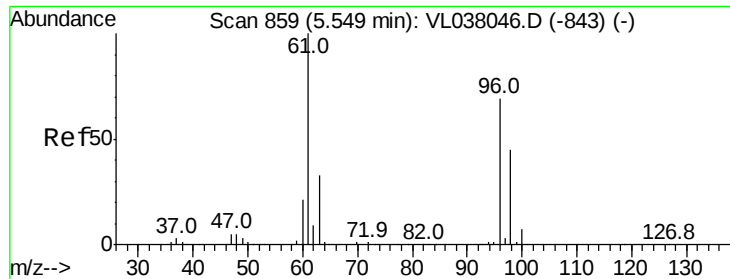
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#30
Cyclohexane
Concen: 9.055 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.01 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 84 Resp: 1096453
Ion Ratio Lower Upper
84 100
56 134.9 108.1 162.1
41 81.8 64.4 96.6





#31

cis-1,2-Dichloroethene

Concen: 9.137 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 23 Nov 2021 10:22

Tot Ion:

Ion Ratio

61 100

96 64.

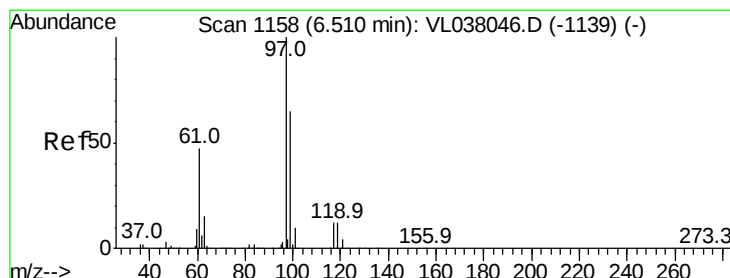
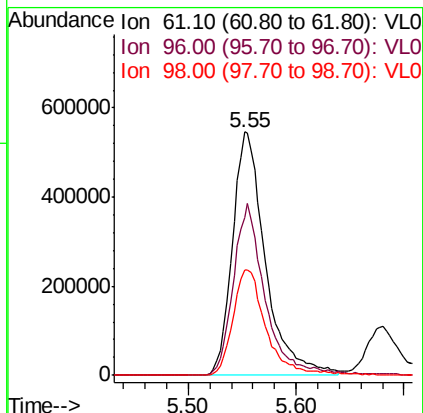
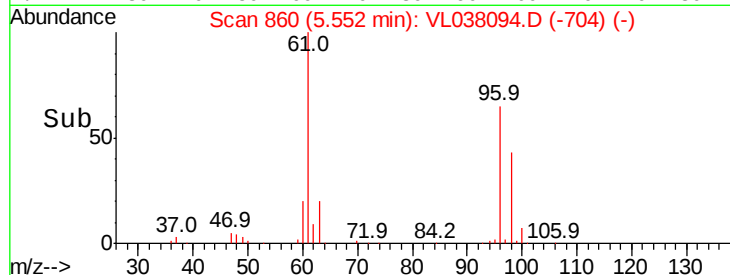
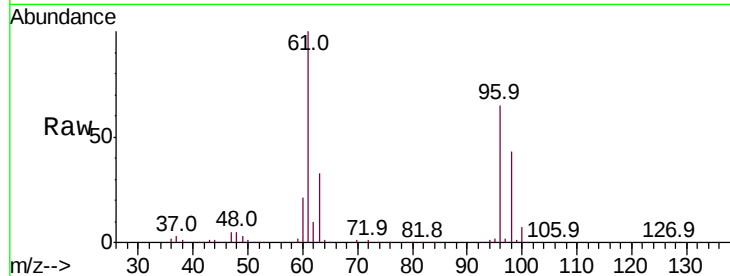
98 43.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#32

1,1,1-Trichloroethane

Concen: 9.751 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

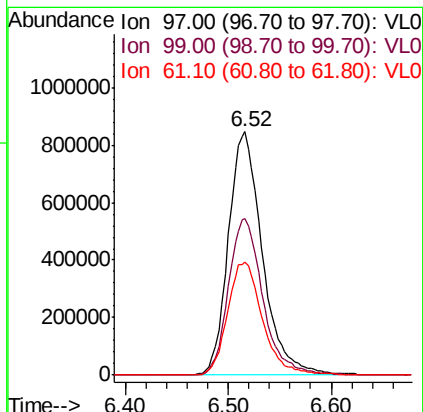
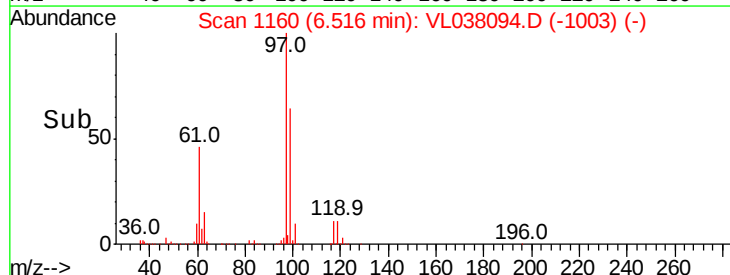
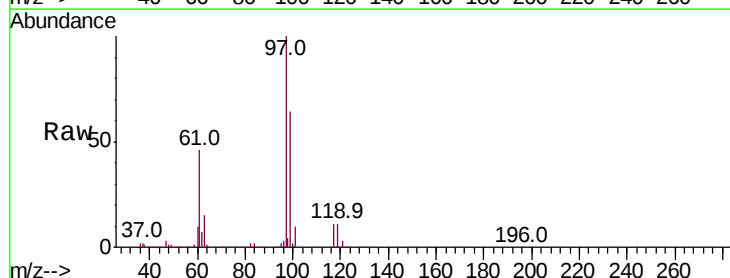
Tgt Ion: 97 Resp: 1945338

Ion Ratio Lower Upper

97 100

99 65.0 52.2 78.4

61 47.7 37.7 56.5



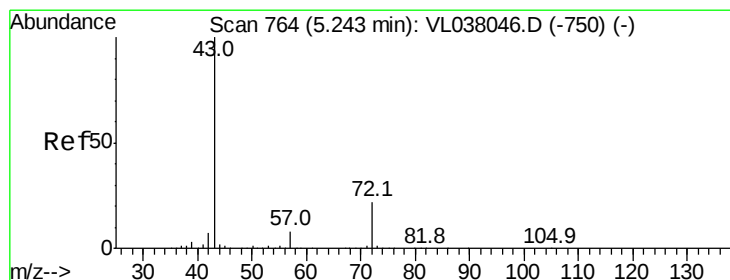
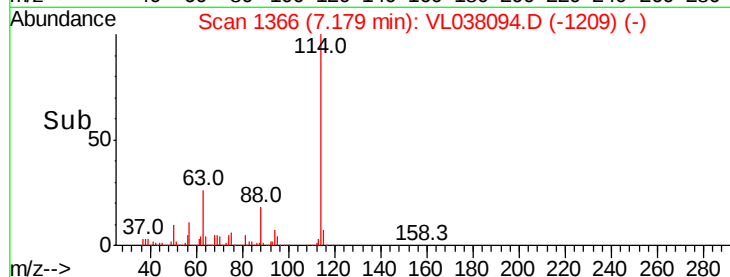
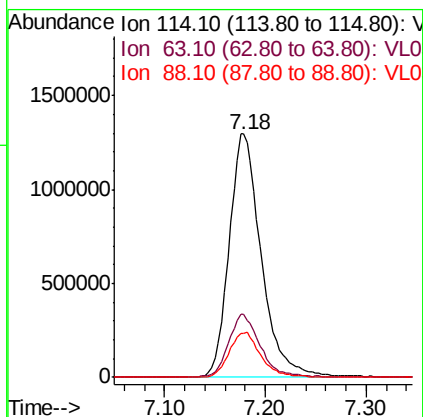
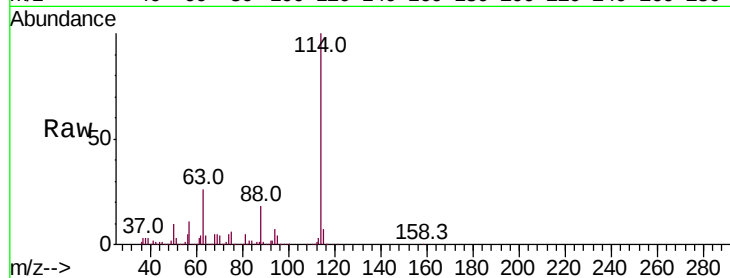


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

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

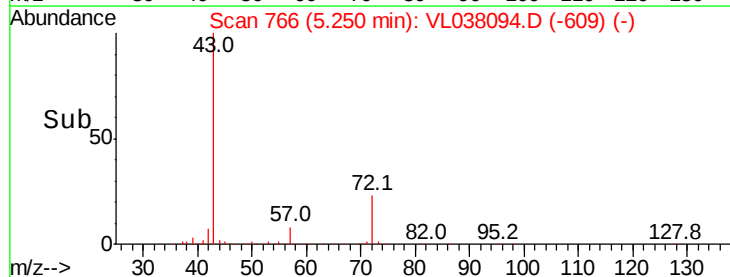
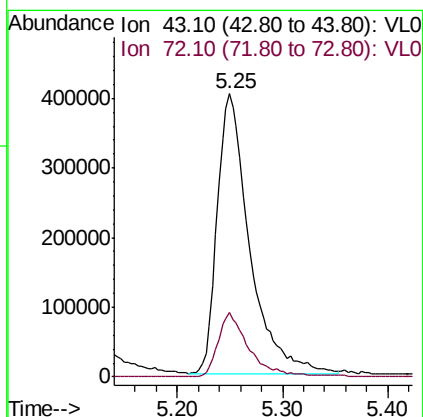
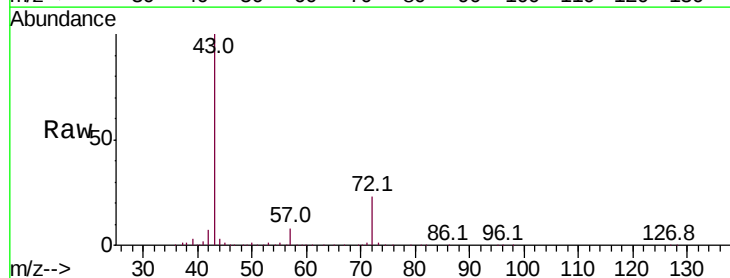
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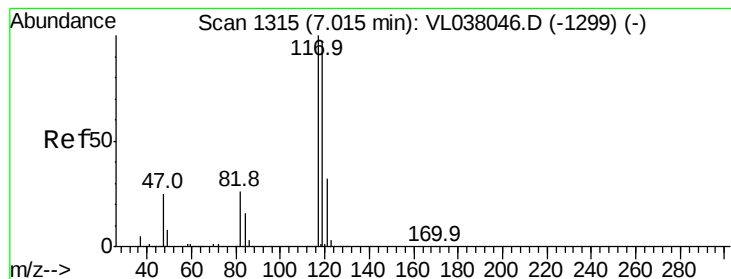
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#34
 2-Butanone
 Concen: 7.395 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion: 43 Resp: 854196
 Ion Ratio Lower Upper
 43 100
 72 22.5 18.8 28.2





#35

Carbon Tetrachloride

Concen: 9.755 ppbv

RT: 7.02 Instrument: MSVOA_1

Delta R.T. 0.00 min

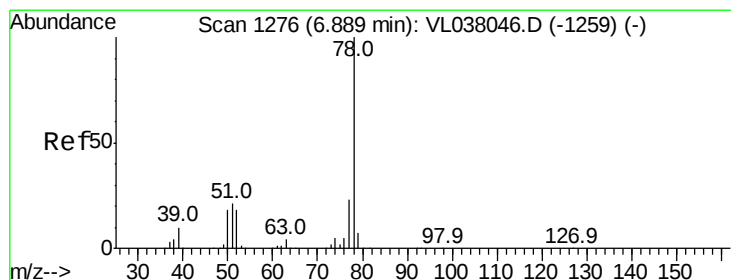
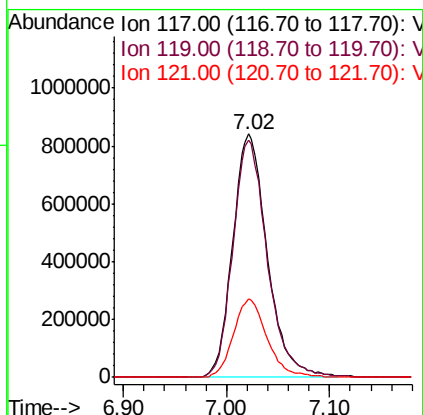
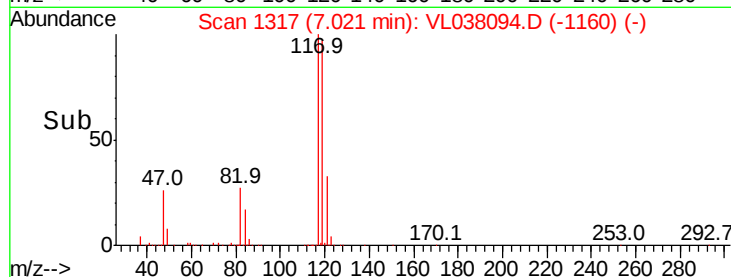
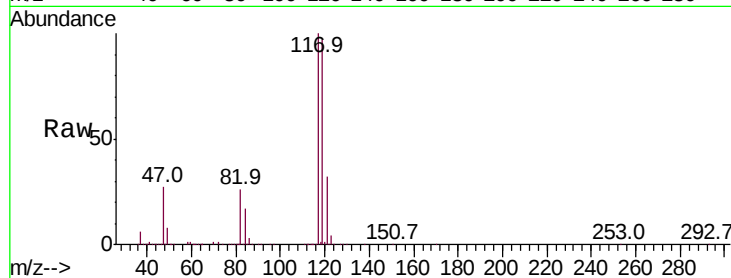
Lab File: ClientSampleId: VSTDCCC010

Acq: 23 Nov 2021 10:22

Tot Ion: 1
Ion Ratio
117 100
119 97.
121 32.

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Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#36

Benzene

Concen: 9.249 ppbv

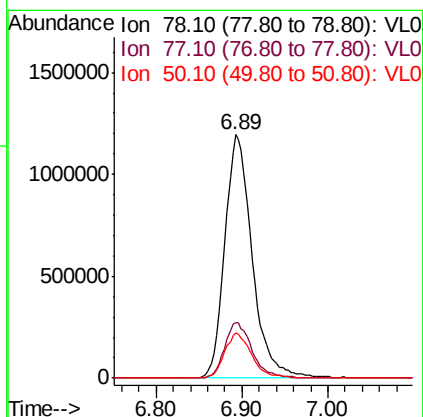
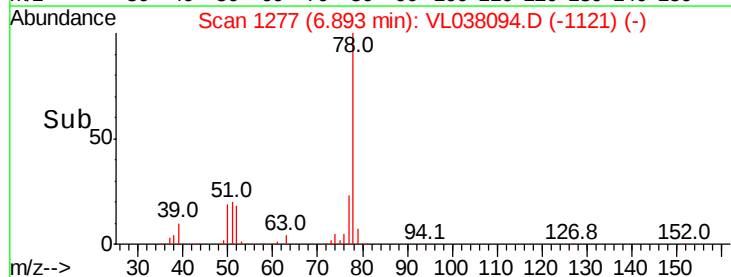
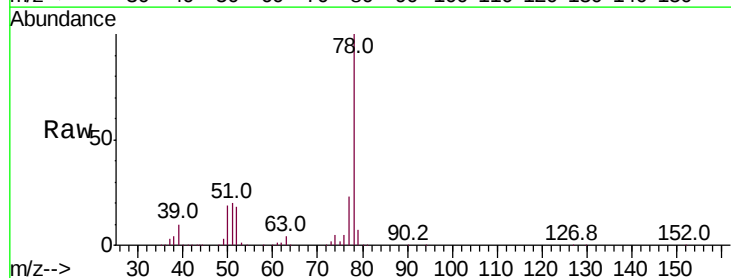
RT: 6.89 min Scan# 1277

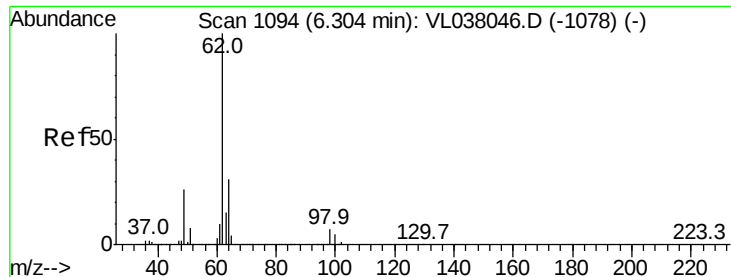
Delta R.T. 0.00 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

Tgt Ion: 78 Resp: 2643240
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.4
50 18.5 14.7 22.1



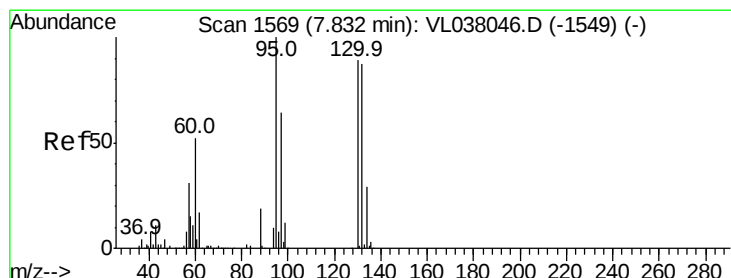
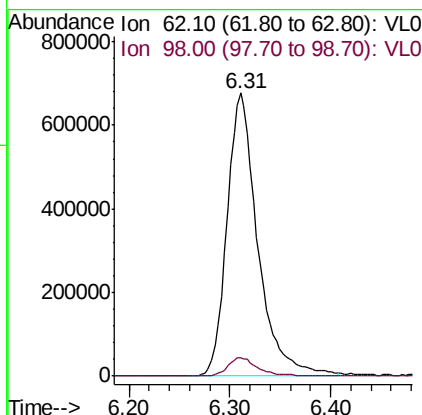
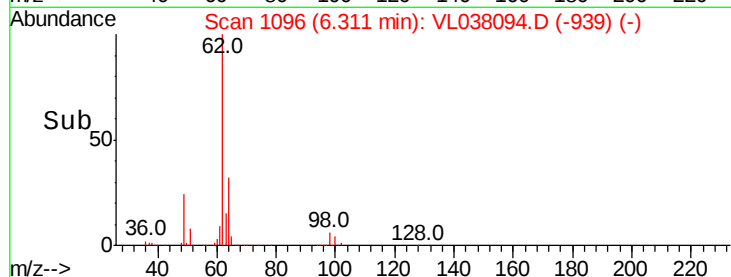
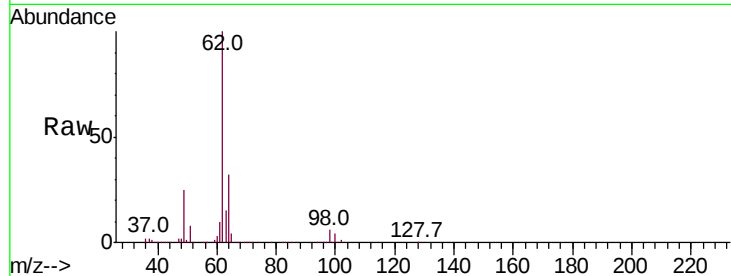


#37
 1,2-Dichloroethane
 Concen: 10.418 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

Tot Ion:
 Ion Ratio
 62 100
 98 6.

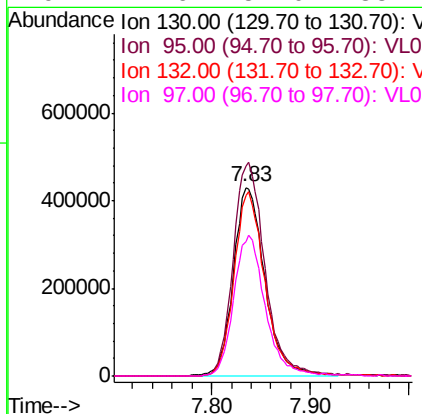
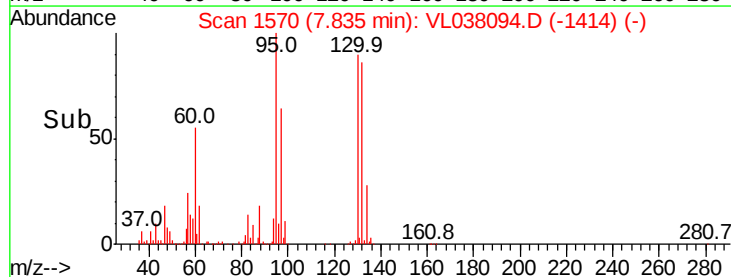
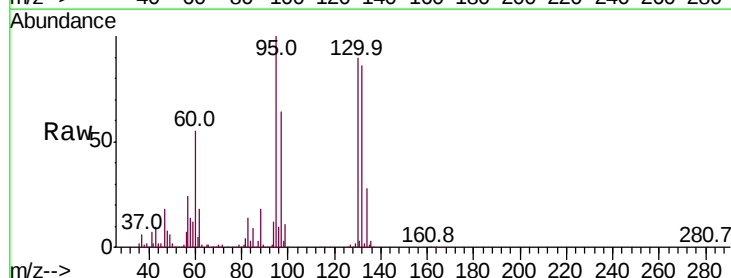
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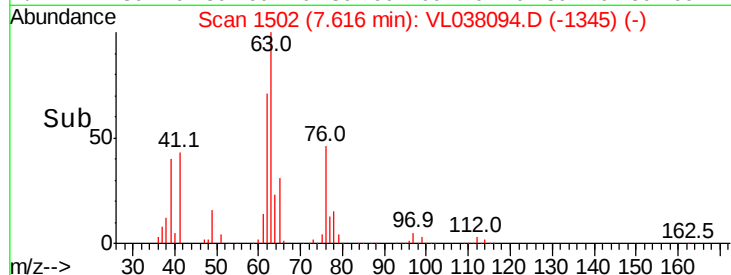
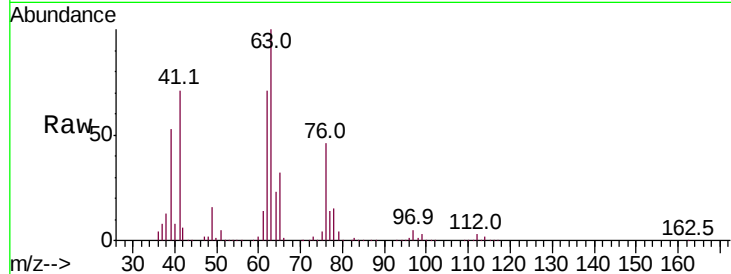
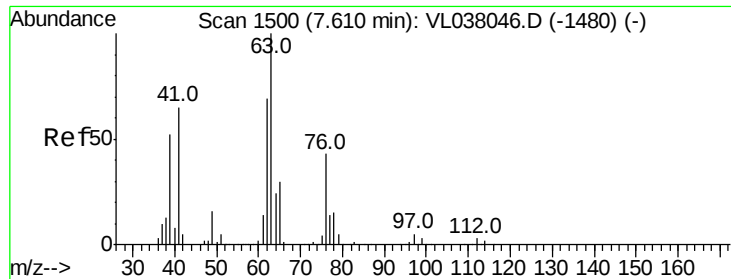
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#38
 Trichloroethene
 Concen: 8.784 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion:130 Resp: 946912
 Ion Ratio Lower Upper
 130 100
 95 111.8 89.4 134.2
 132 95.9 78.2 117.2
 97 71.6 57.0 85.4



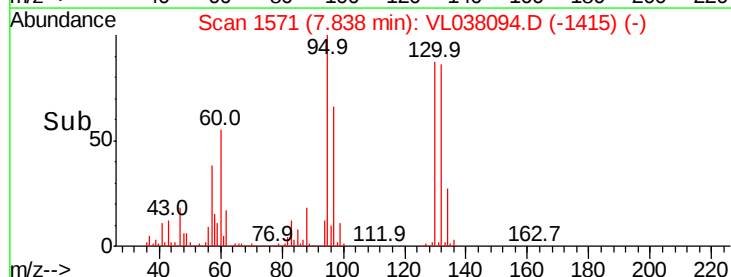
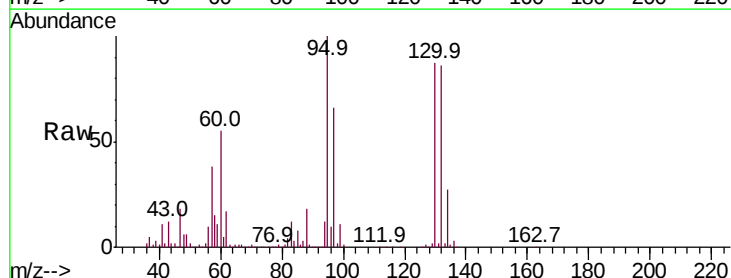
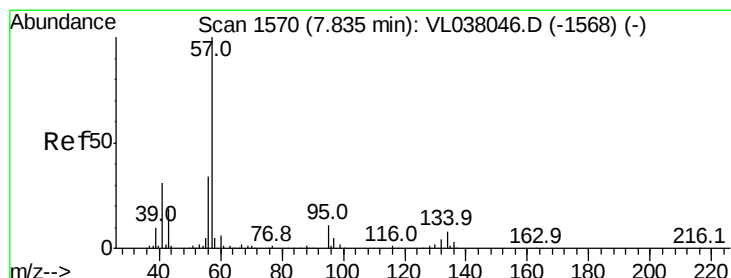
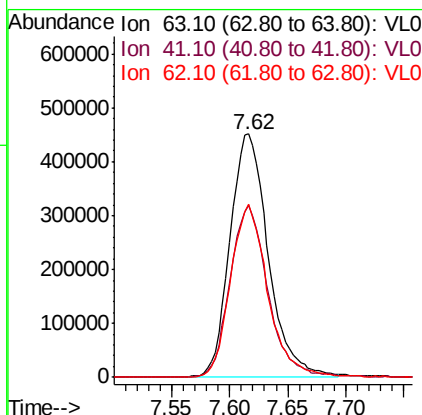


#39
 1,2-Dichloropropane
 Concen: 9.419 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

Tot Ion:
 Ion Ratio
 63 100
 41 70.
 62 71.

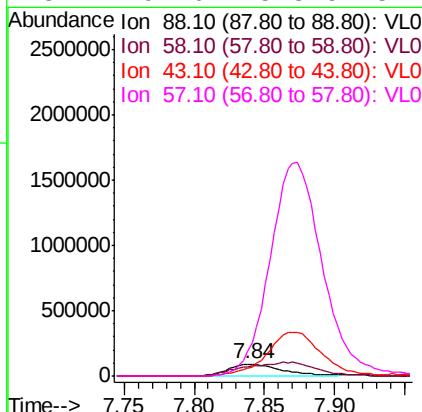
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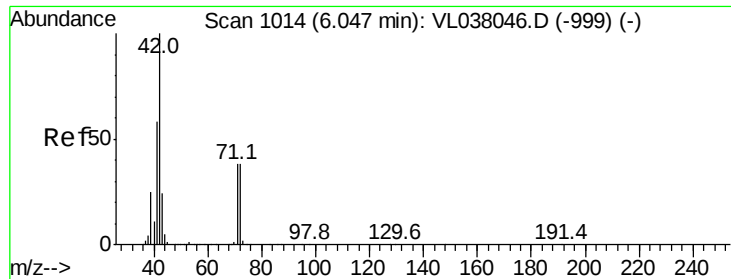
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#40
 1,4-Dioxane
 Concen: 8.329 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion: 88 Resp: 237862
 Ion Ratio Lower Upper
 88 100
 58 160.7 229.2 343.8#
 43 392.9 553.3 829.9#
 57 1792.0 2513.8 3770.8#





#41

Tetrahydrofuran

Concen: 8.868 ppbv

RT: 6.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Nov 2021 10:22

Tot Ion:

Ion Ratio

42 100

72 40.

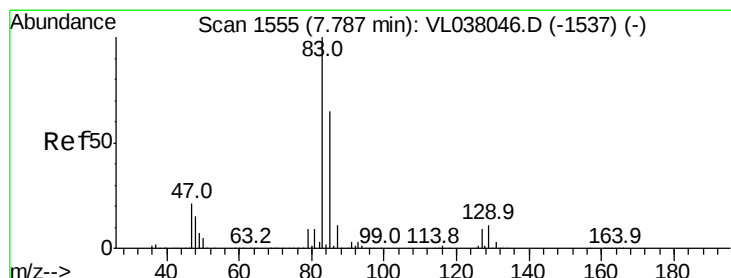
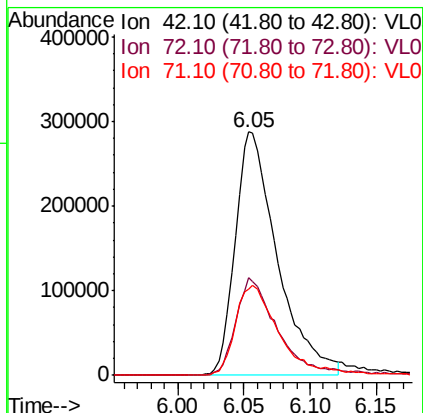
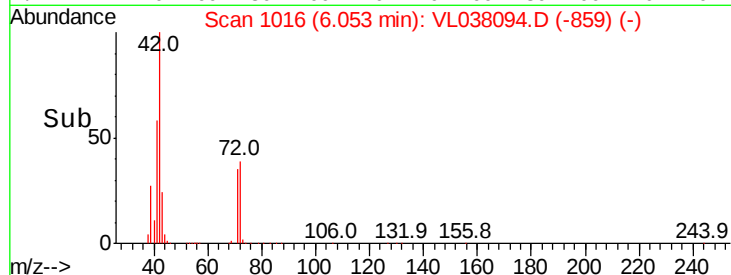
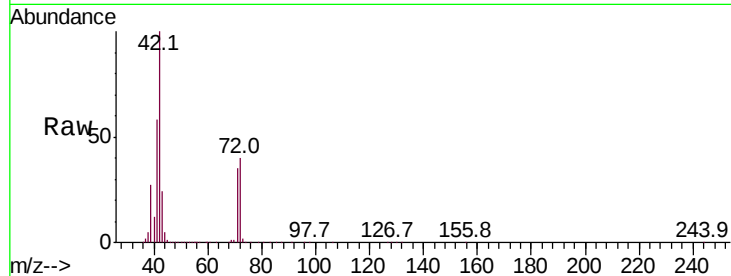
71 39.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#42

Bromodichloromethane

Concen: 10.119 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. 0.01 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

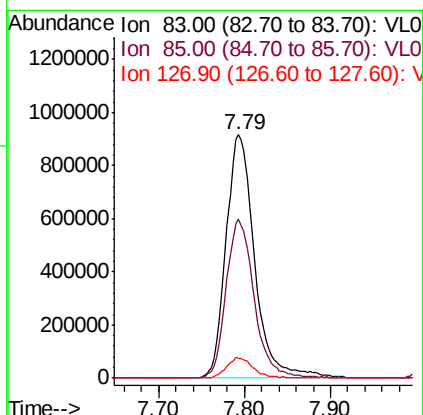
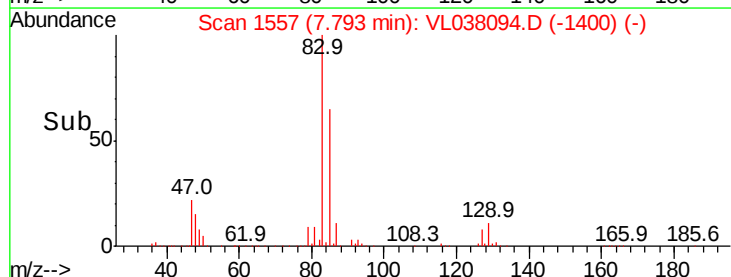
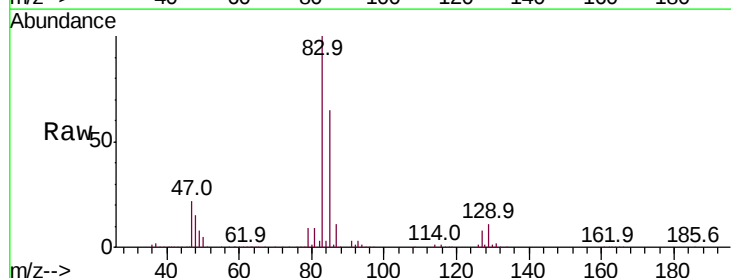
Tgt Ion: 83 Resp: 2123260

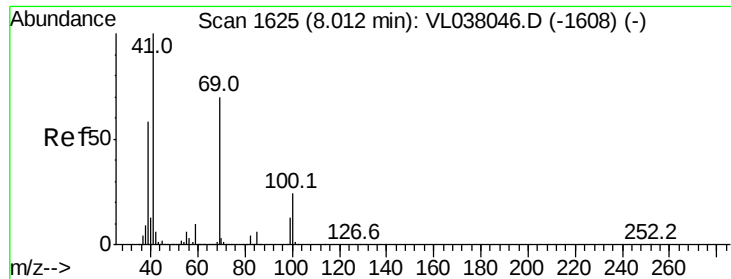
Ion Ratio Lower Upper

83 100

85 65.1 51.9 77.9

127 7.9 6.8 10.2





#43

Methyl Methacrylate

Concen: 9.864 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T.

Client Sample Id:

Lab File: VSTDCCC010

Acq: 23 Nov 2021 10:22

Tot Ion:

Ion Ratio

69 100

41 145.

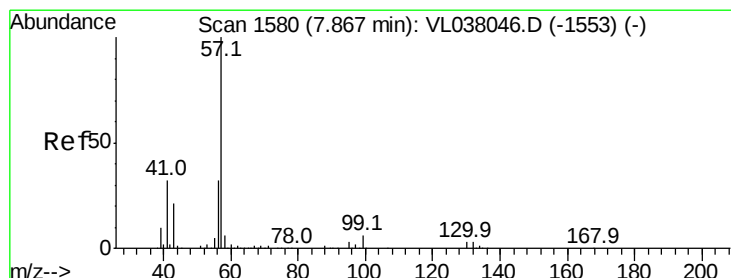
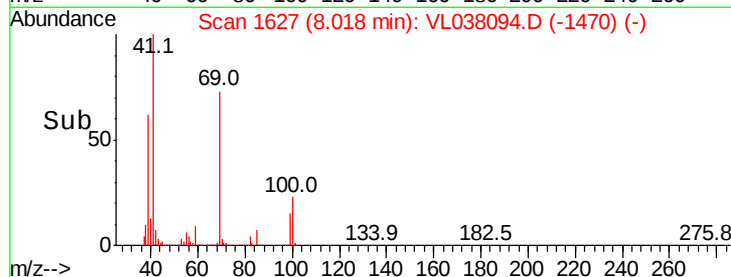
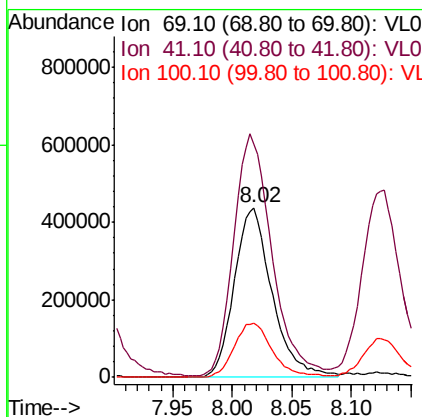
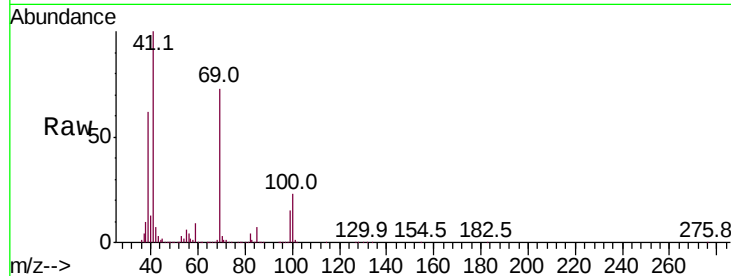
100 32.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#44

2,2,4-Trimethylpentane

Concen: 8.878 ppbv

RT: 7.87 min Scan# 1582

Delta R.T. 0.01 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

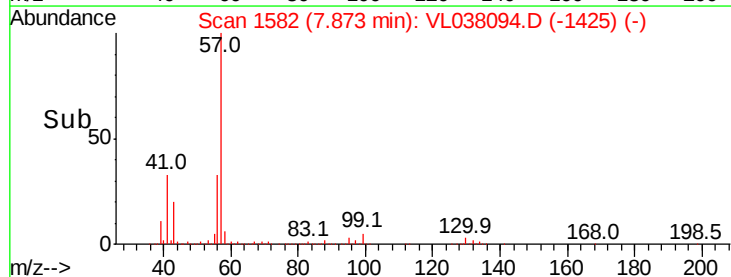
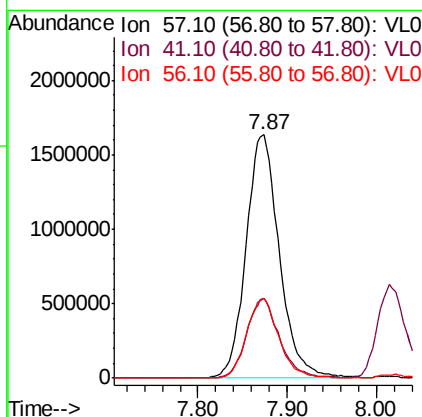
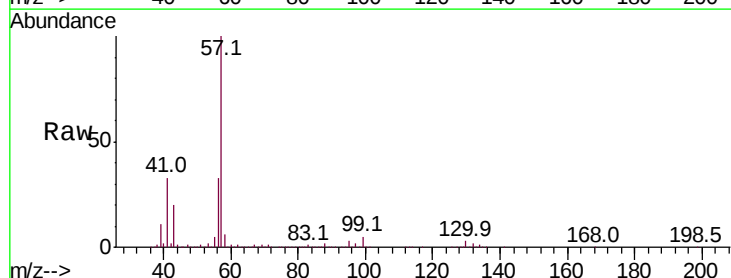
Tgt Ion: 57 Resp: 4244843

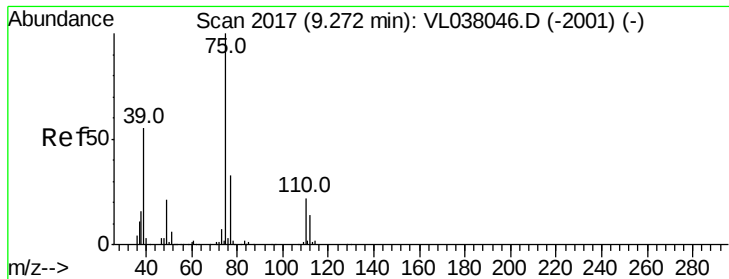
Ion Ratio Lower Upper

57 100

41 32.3 25.8 38.6

56 31.7 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 11.193 ppbv

RT: 9.28 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Nov 2021 10:22 VSTDCCC010

Tot Ion:

Ion Ratio

75 100

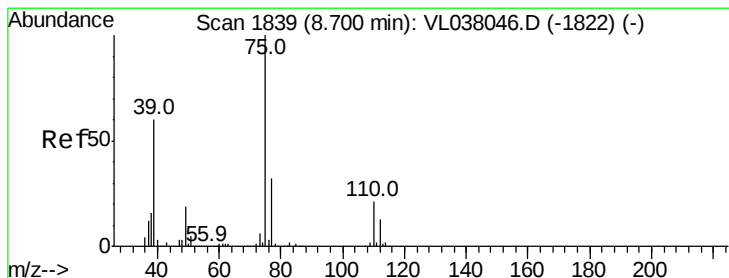
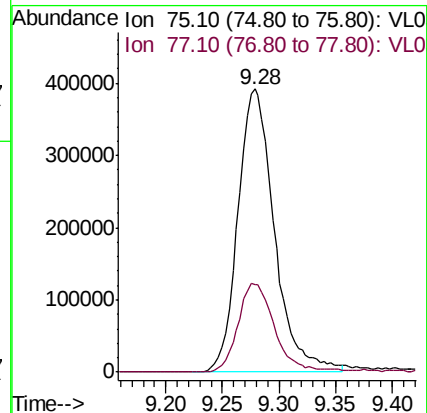
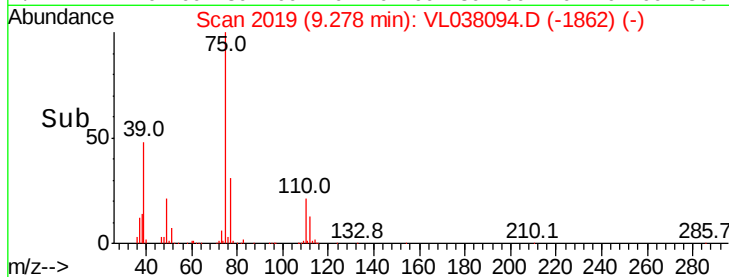
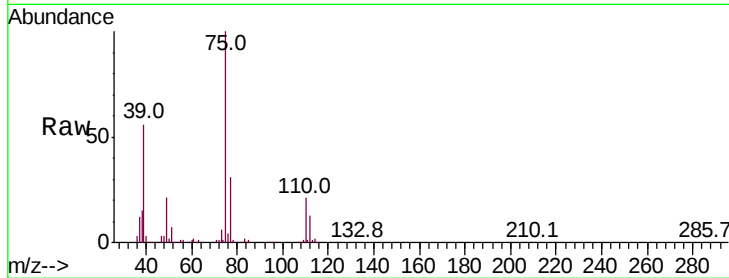
77 31.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#46

cis-1,3-Dichloropropene

Concen: 10.257 ppbv

RT: 8.70 min Scan# 1840

Delta R.T. 0.00 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

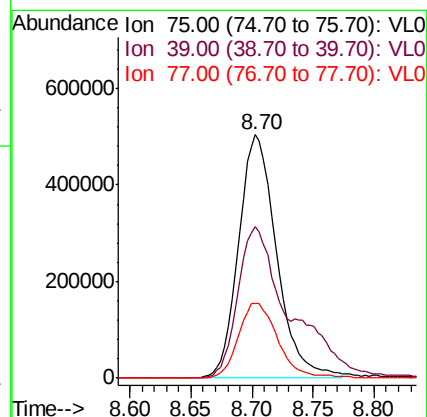
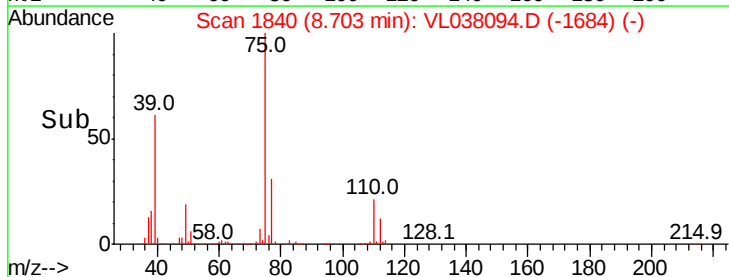
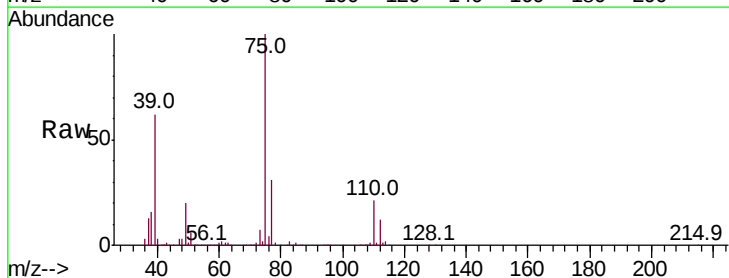
Tgt Ion: 75 Resp: 1087983

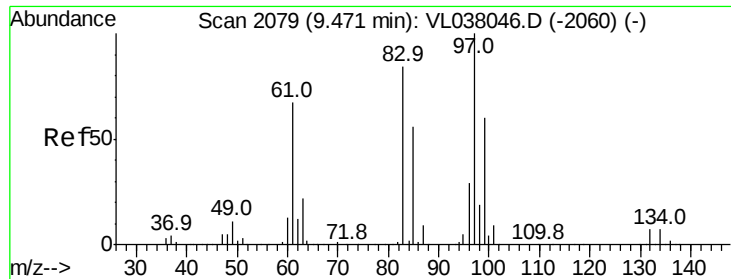
Ion Ratio Lower Upper

75 100

39 61.9 47.8 71.8

77 30.7 25.5 38.3



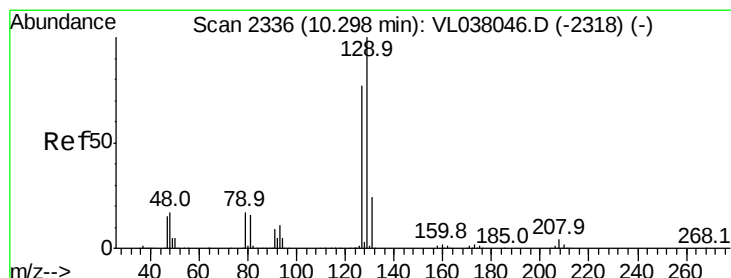
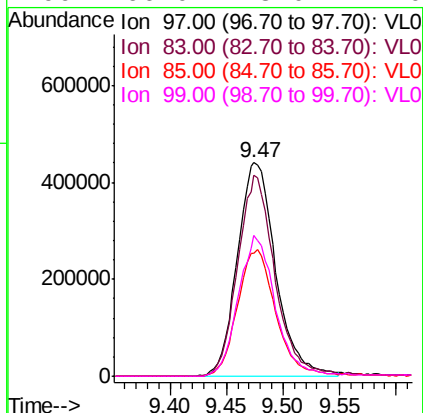
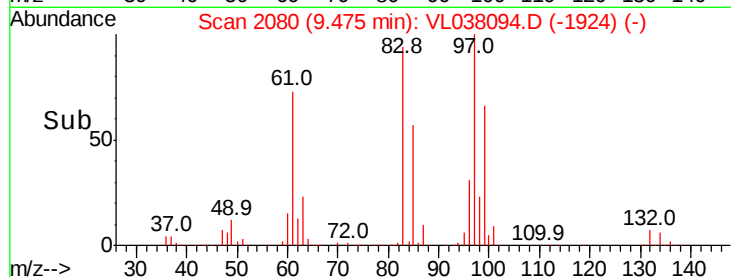
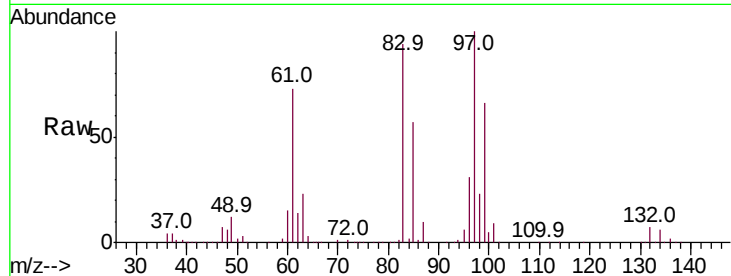


#47
 1,1,2-Trichloroethane
 Concen: 9.092 ppbv
 RT: 9.47 min
 Delta R.T. 0.01 min
 Lab File: VSTDCCC010
 Acq: 23 Nov 2021 10:22

Tot Ion: 97.00 (96.70 to 97.70): VL0
 Ion Ratio 100
 97 100
 83 94.0
 85 57.0
 99 66.0 48.0 72.0

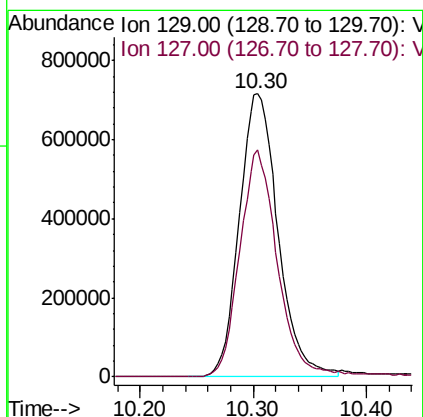
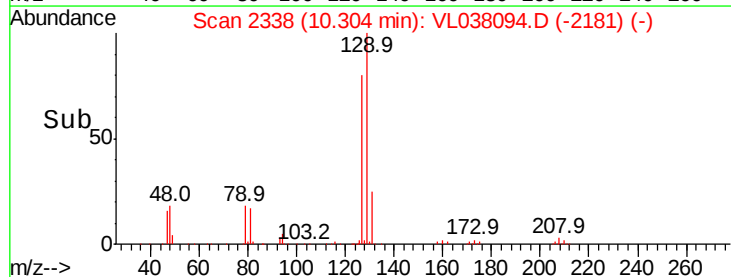
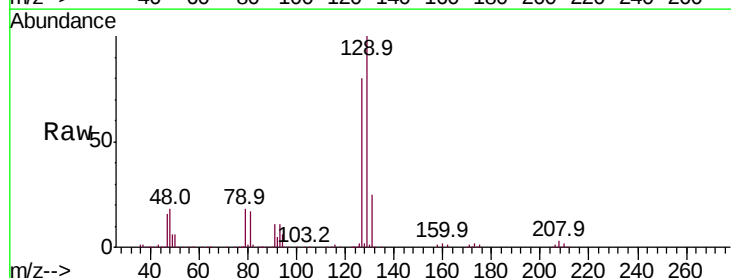
Manual Integrations
 APPROVED

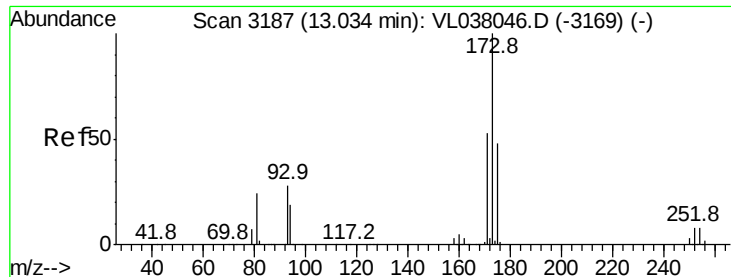
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#48
 Dibromochloromethane
 Concen: 9.753 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. 0.01 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion:129 Resp: 1705219
 Ion Ratio Lower Upper
 129 100
 127 79.9 39.4 118.1





#49

Bromoform

Concen: 9.885 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 23 Nov 2021 10:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021

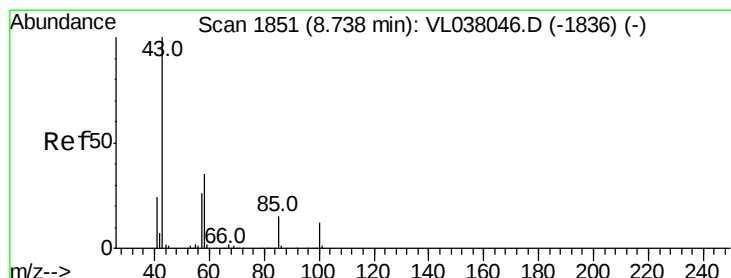
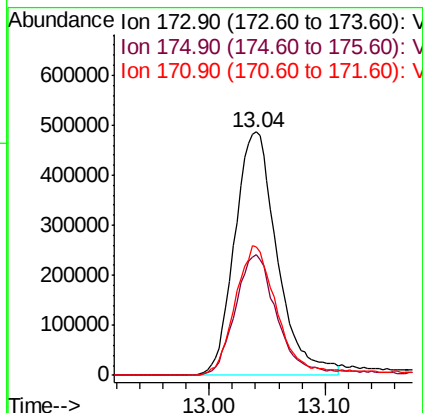
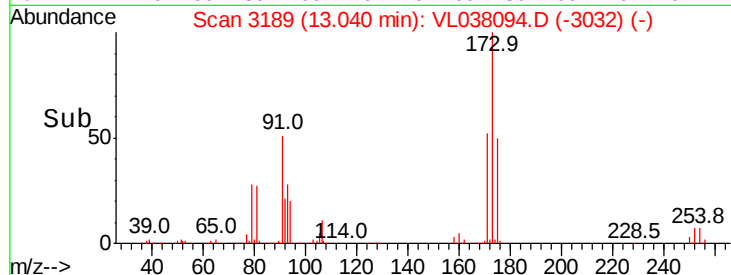
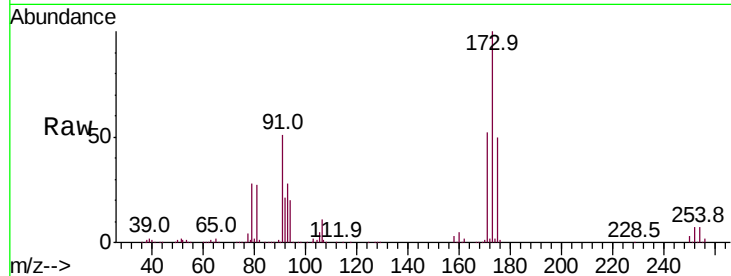
Tot Ion:1

Ion Rati

173 100

175 50.

171 55.



#50

4-Methyl-2-Pentanone

Concen: 9.810 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.01 min

Lab File: VL038094.D

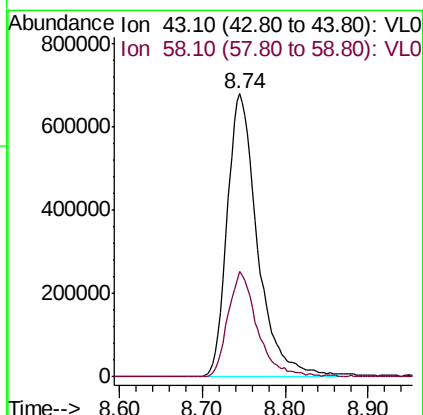
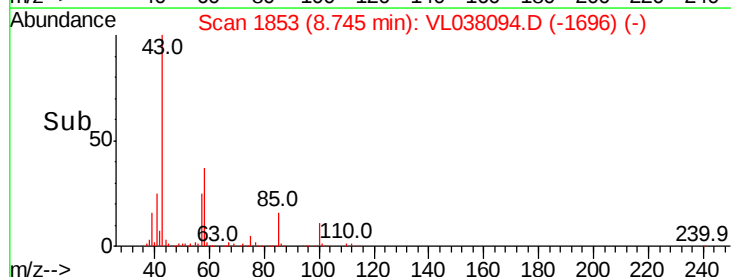
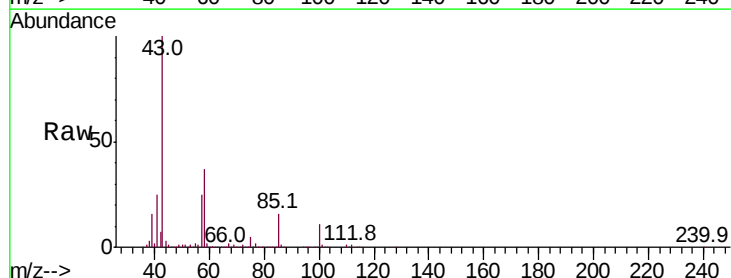
Acq: 23 Nov 2021 10:22

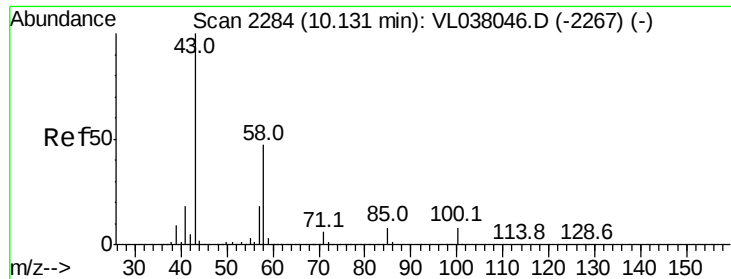
Tgt Ion: 43 Resp: 1720928

Ion Ratio Lower Upper

43 100

58 36.5 29.4 44.2



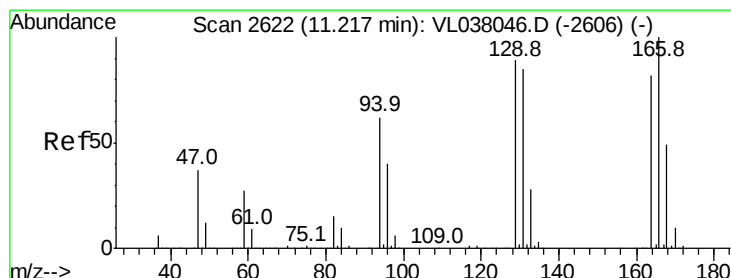
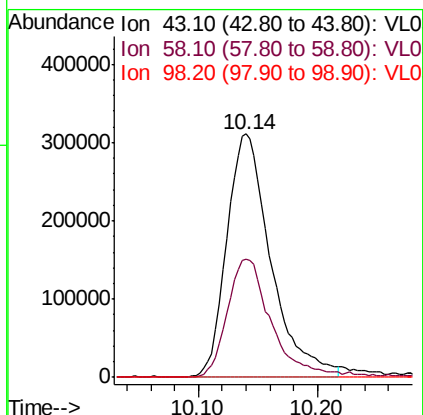
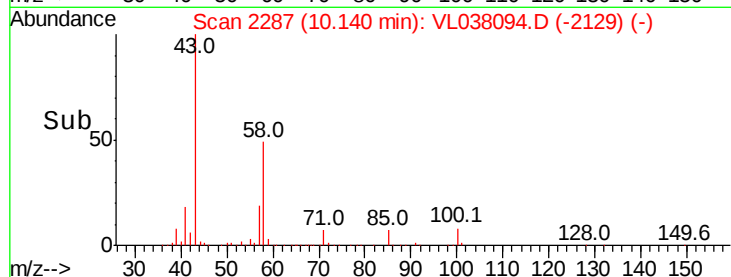
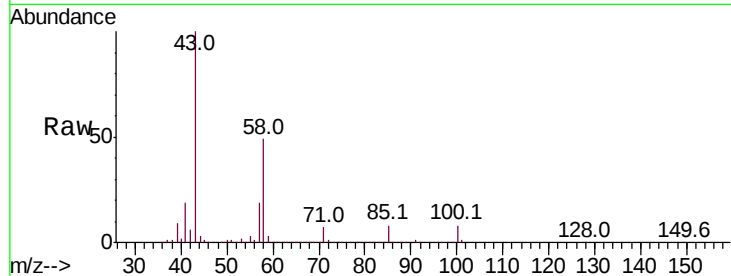


#51
2-Hexanone
Concen: 9.639 ppbv
RT: 10.14 min
Delta R.T.: 0.00 min
Lab File: VSTDCCC010
Acq: 23 Nov 2021 10:22

Tot Ion:
Ion Ratio
43 100
58 49.1
98 0.1

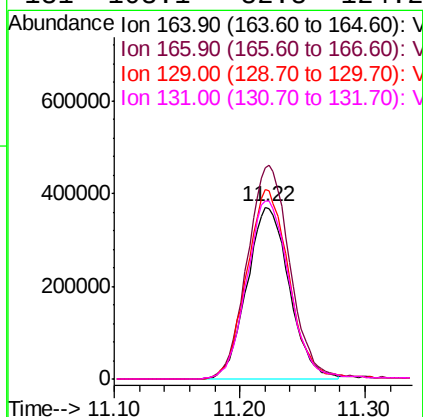
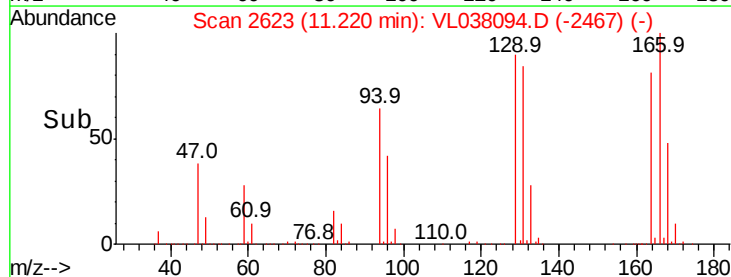
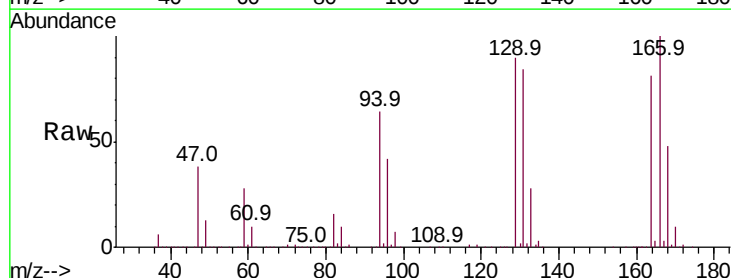
Manual Integrations
APPROVED

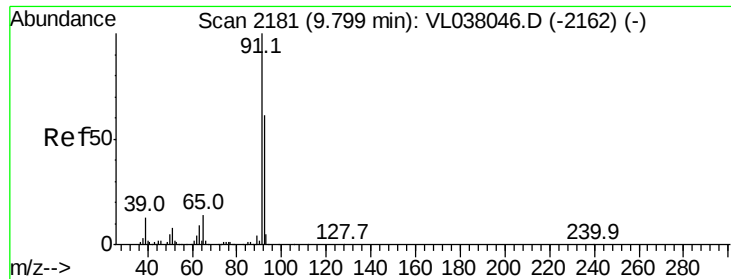
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#52
Tetrachloroethene
Concen: 8.199 ppbv
RT: 11.22 min Scan# 2623
Delta R.T.: 0.00 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion:164 Resp: 867009
Ion Ratio Lower Upper
164 100
166 123.0 97.2 145.8
129 110.4 86.9 130.3
131 103.1 82.8 124.2





#53

Toluene

Concen: 9.027 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Nov 2021 10:22

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

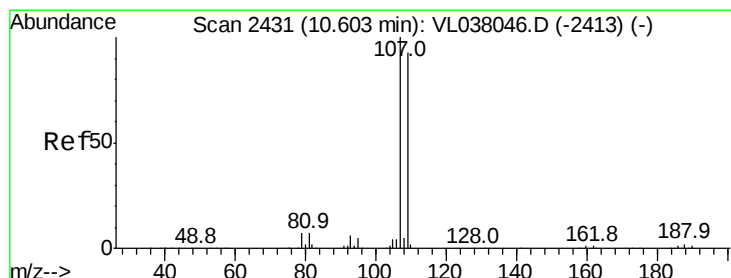
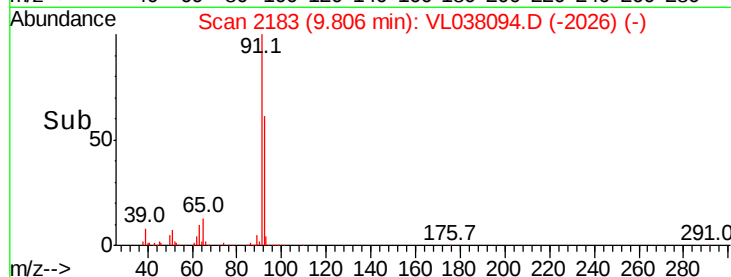
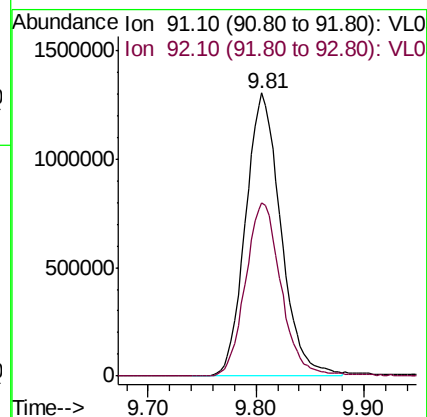
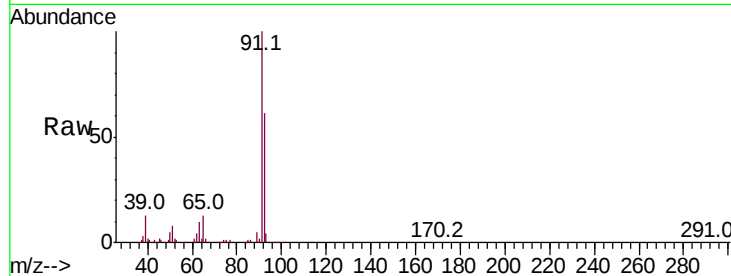
Supervised By :Mahesh Dadoda 11/29/2021

Tot Ion:

Ion Ratio

91 100

92 62.



#54

1,2-Dibromoethane

Concen: 9.147 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. 0.01 min

Lab File: VL038094.D

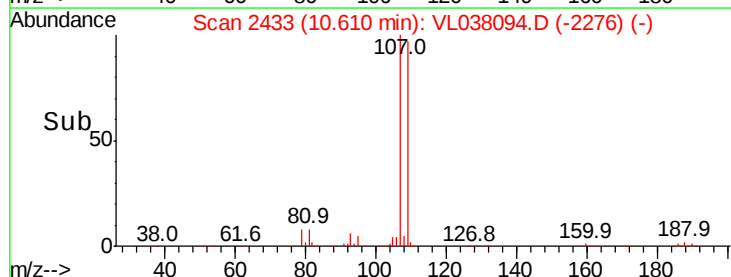
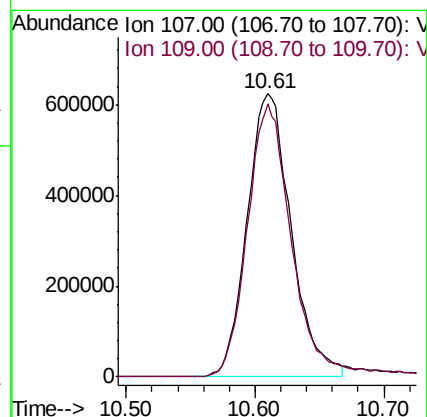
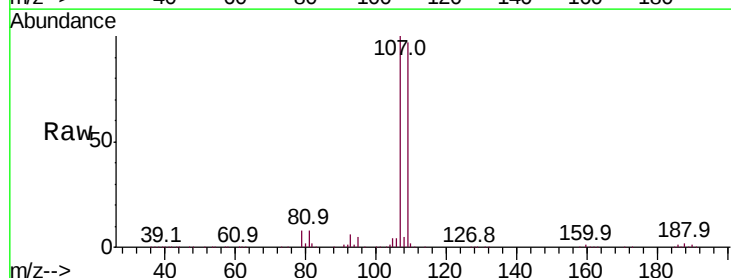
Acq: 23 Nov 2021 10:22

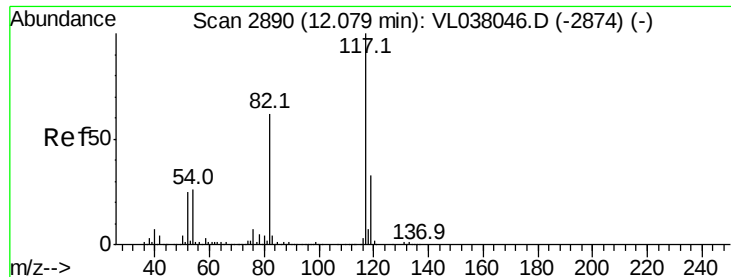
Tgt Ion:107 Resp: 1483336

Ion Ratio Lower Upper

107 100

109 96.7 74.6 111.8



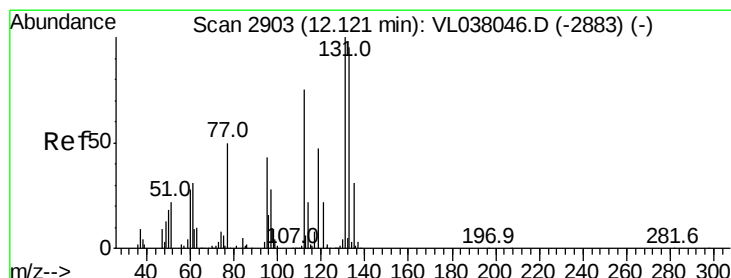
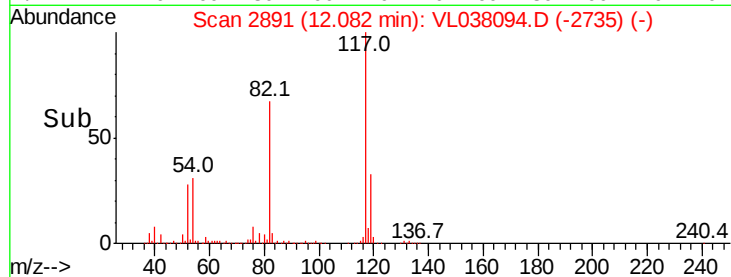
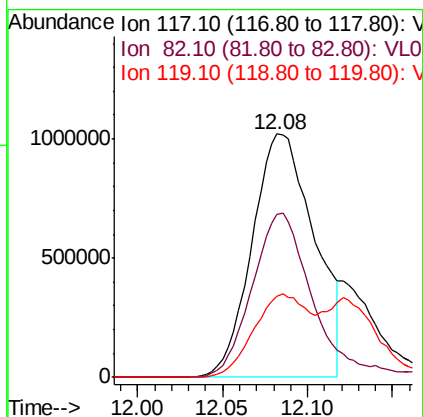
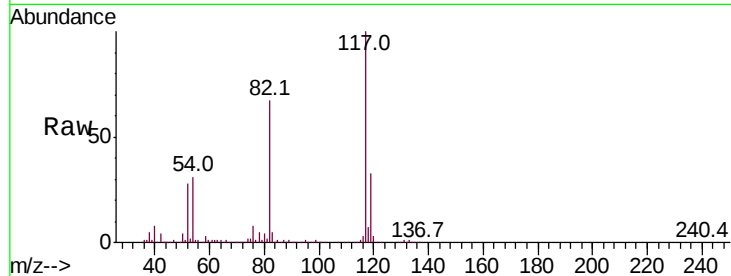


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 23 Nov 2021 10:22

Tot Ion:1
Ion Rati
117 100
82 68.
119 28.

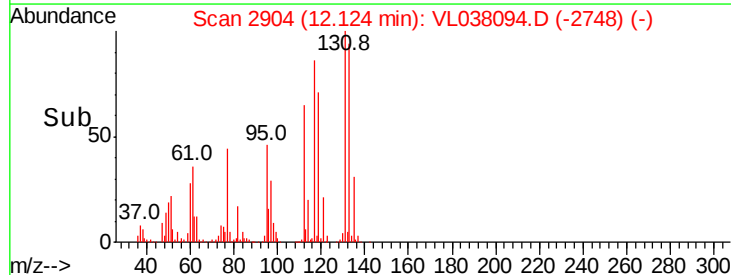
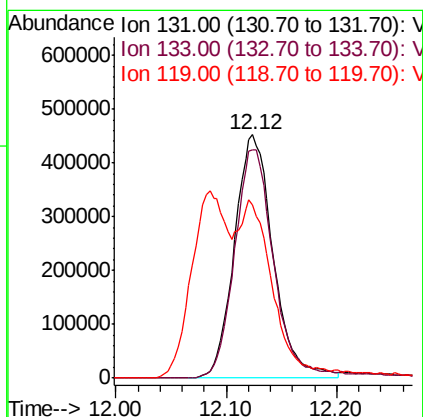
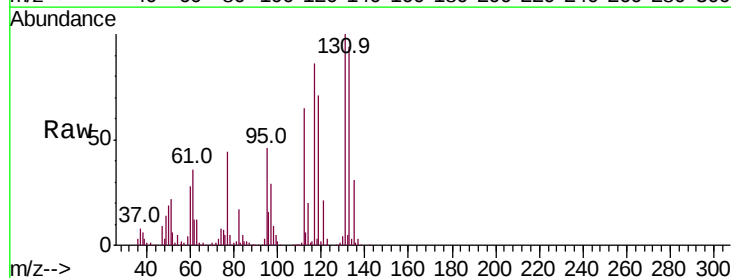
Manual Integrations
APPROVED

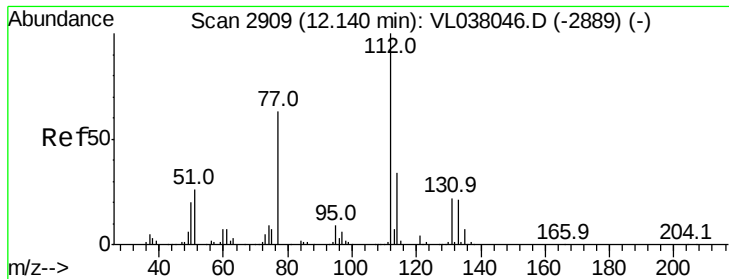
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.283 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion:131 Resp: 1100012
Ion Ratio Lower Upper
131 100
133 98.5 78.8 118.2
119 71.4 56.3 84.5



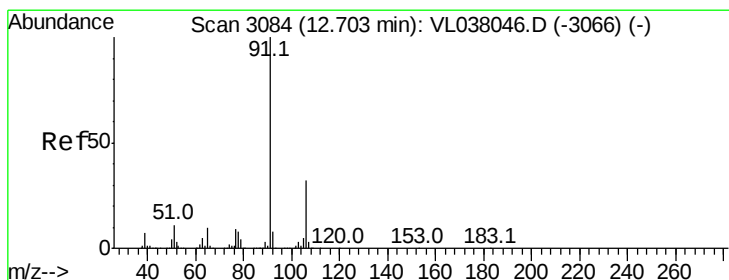
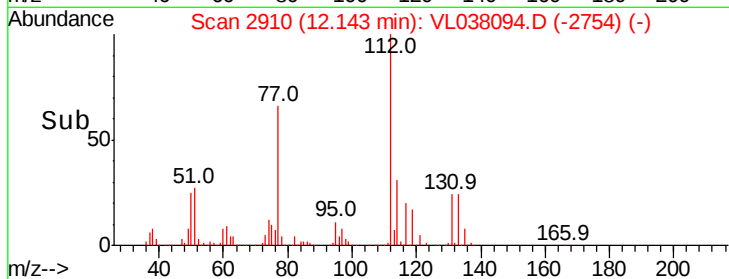
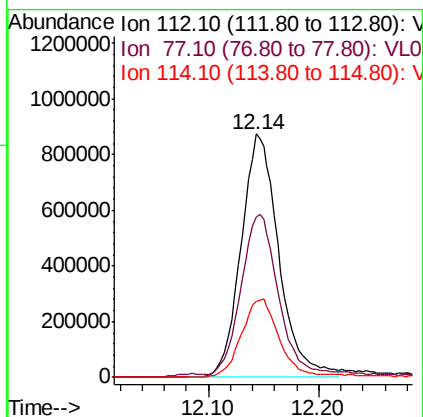
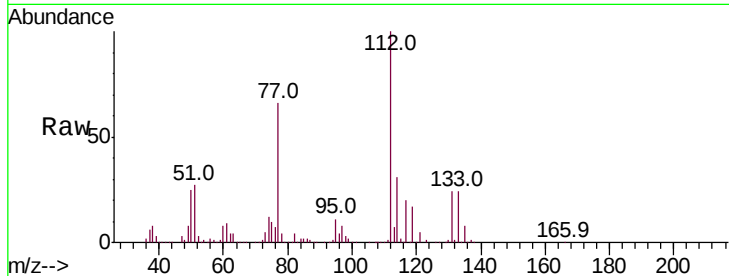


#57
Chlorobenzene
Concen: 8.843 ppbv
RT: 12.14 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VSTDCCC010
Acq: 23 Nov 2021 10:22

Tot Ion: 1
Ion Ratio
112 100
77 64.
114 30.

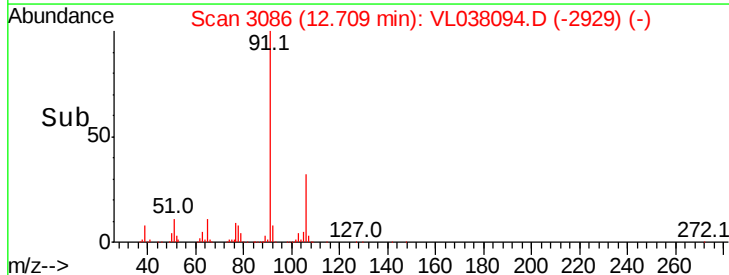
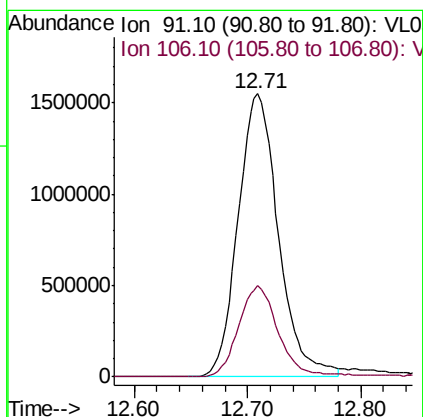
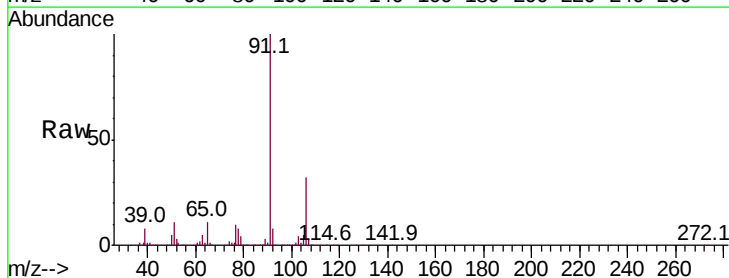
Manual Integrations
APPROVED

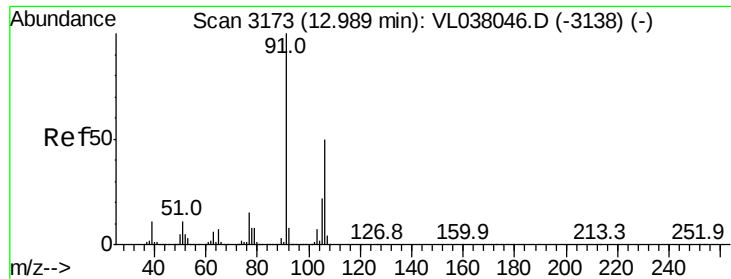
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#58
Ethyl Benzene
Concen: 8.911 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. 0.01 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 91 Resp: 3844646
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.6



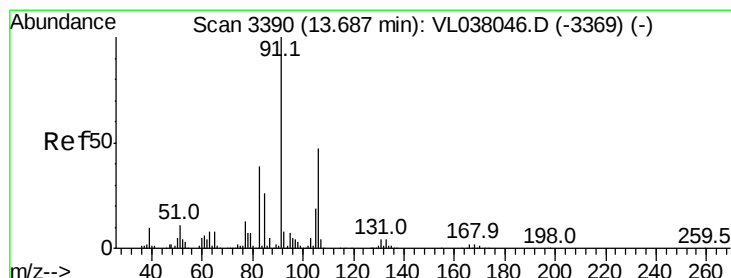
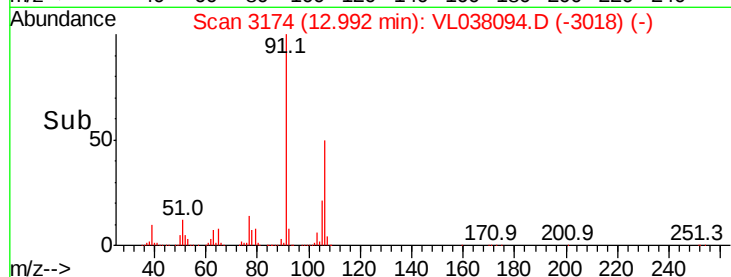
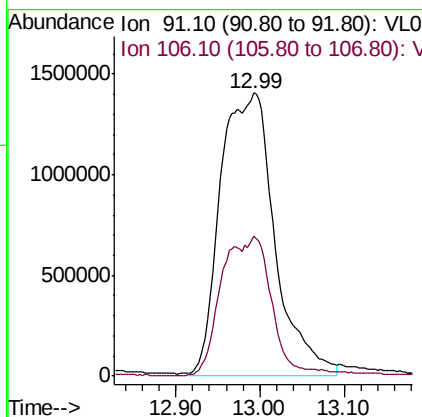
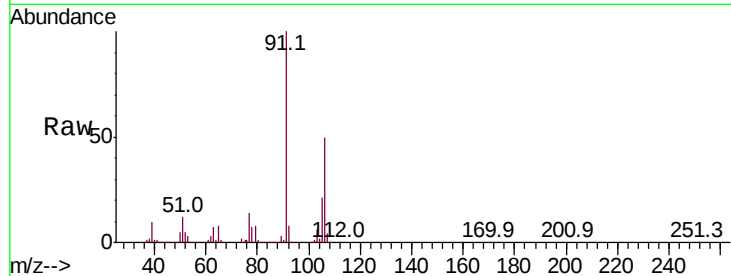


#59
m/p-Xylene
Concen: 17.401 ppbv m
RT: 12.99 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDCCC010
Acq: 23 Nov 2021 10:22

Tot Ion:
Ion Ratio
91 100
106 46.

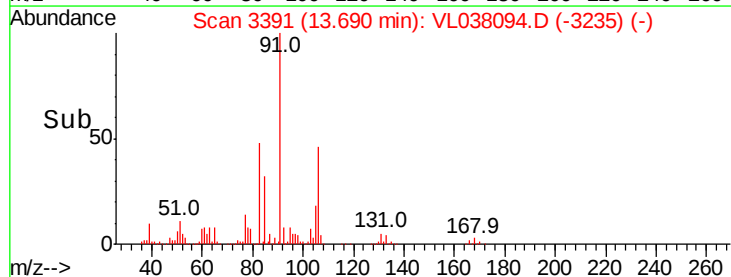
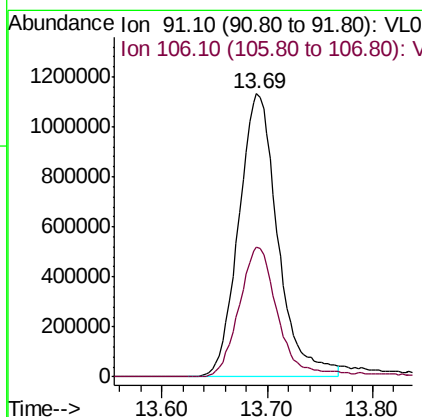
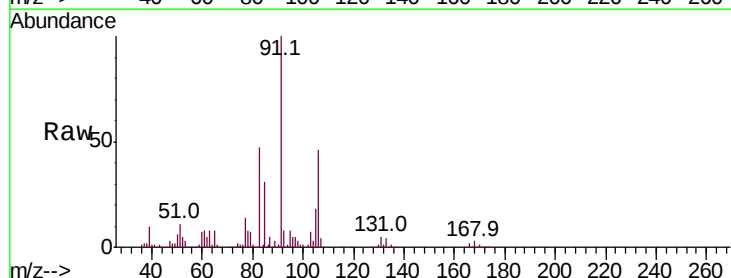
Manual Integrations
APPROVED

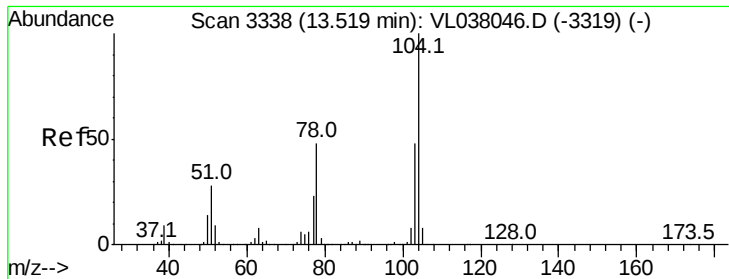
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#60
o-Xylene
Concen: 8.648 ppbv
RT: 13.69 min Scan# 3391
Delta R.T.: 0.00 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 91 Resp: 2913824
Ion Ratio Lower Upper
91 100
106 47.3 24.2 72.6



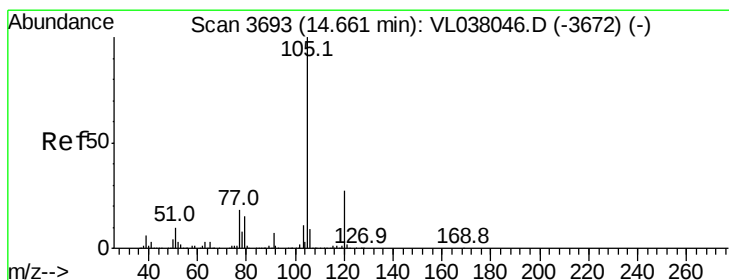
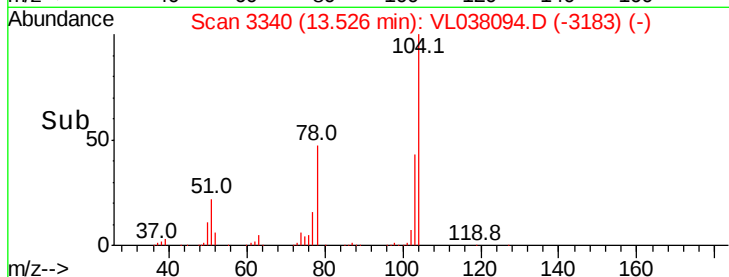
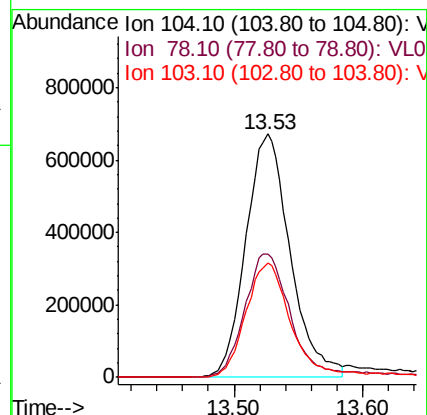
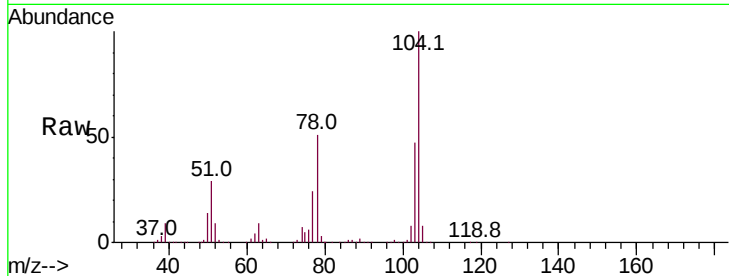


#61
Stvrene
Concen: 8.931 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 23 Nov 2021 10:22

Tot Ion:1
Ion Rati
104 100
78 54.
103 49.

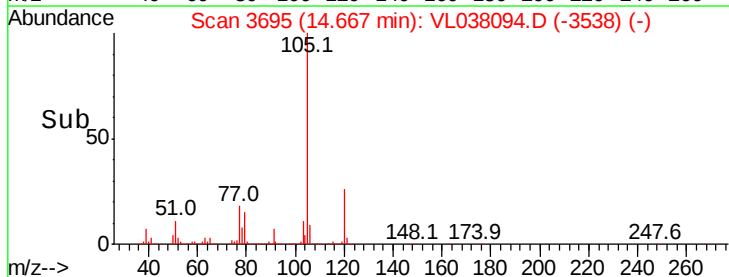
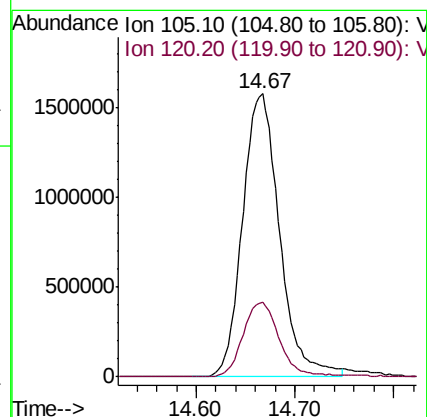
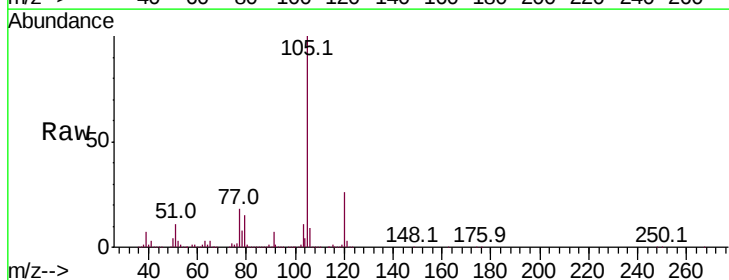
Manual Integrations
APPROVED

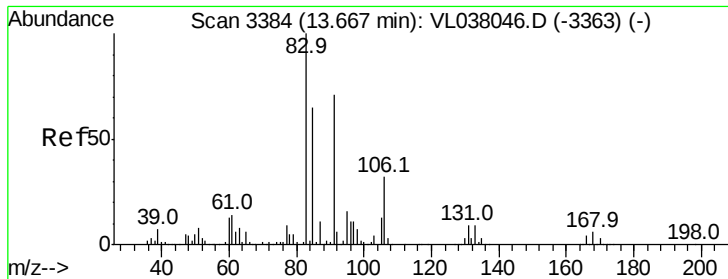
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#62
Isopropylbenzene
Concen: 8.571 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.01 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion:105 Resp: 4098914
Ion Ratio Lower Upper
105 100
120 26.6 21.8 32.6





#63

1,1,2,2-Tetrachloroethane

Concen: 8.238 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Nov 2021 10:22

Tot Ion:

Ion Ratio

83 100

131 9.

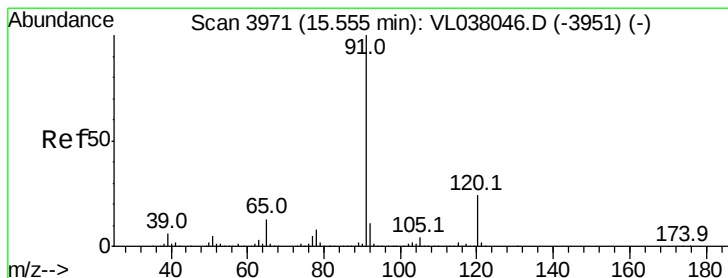
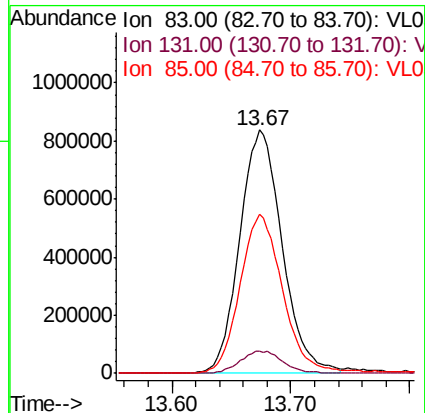
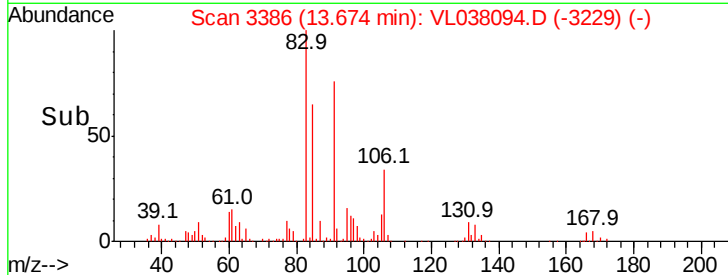
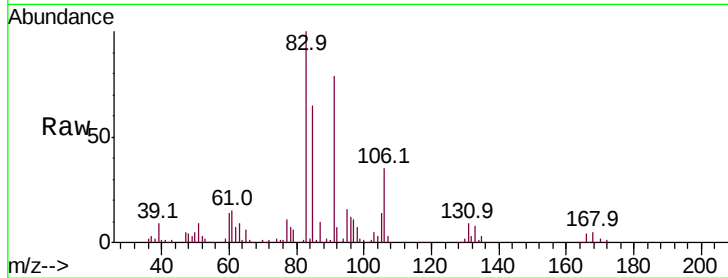
85 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#64

n-propylbenzene

Concen: 8.714 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. 0.00 min

Lab File: VL038094.D

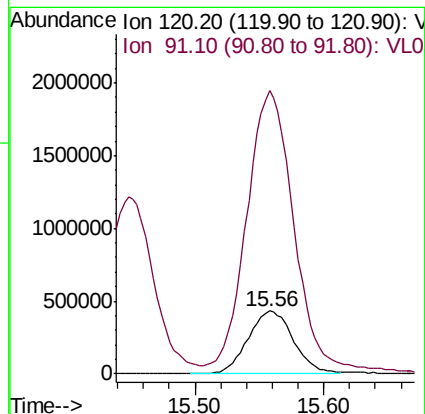
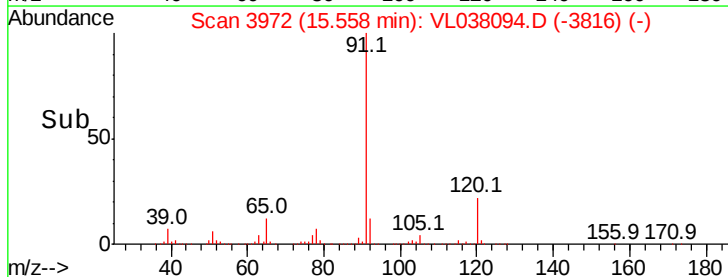
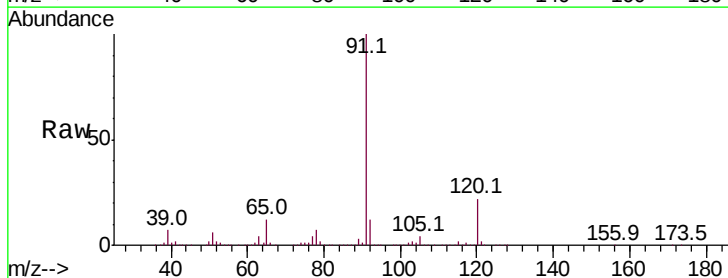
Acq: 23 Nov 2021 10:22

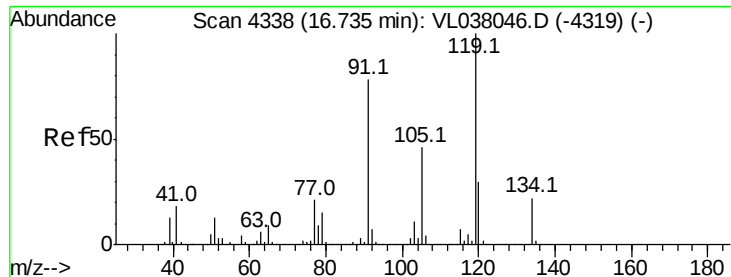
Tgt Ion:120 Resp: 1061636

Ion Ratio Lower Upper

120 100

91 478.3 371.7 557.5



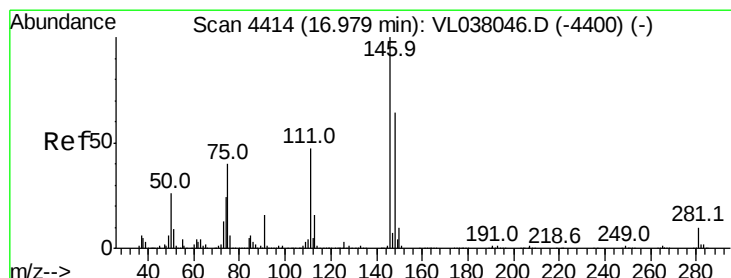
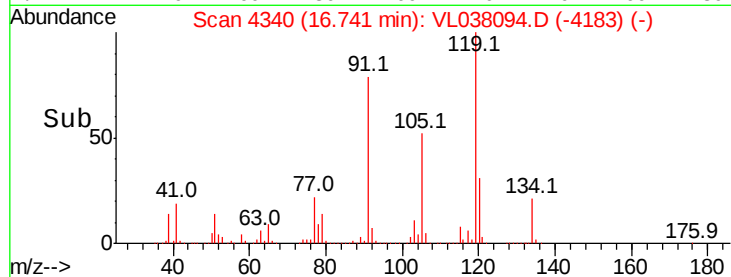
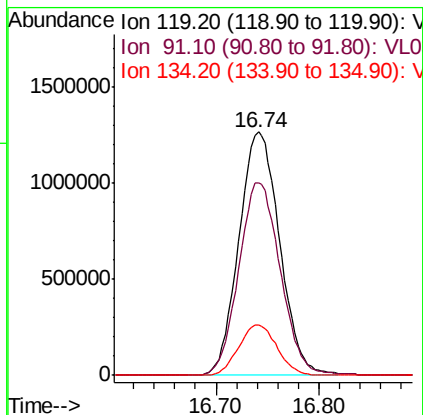
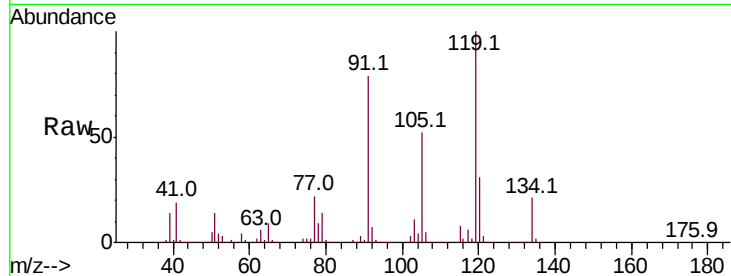


#65
tert-Butylbenzene
Concen: 8.249 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 23 Nov 2021 10:22

Tot Ion: 1
Ion Ratio
119 100
91 80.
134 19.

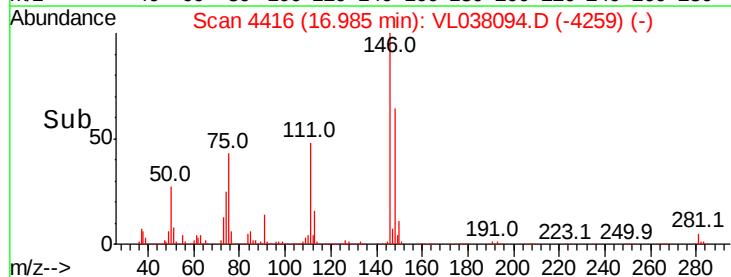
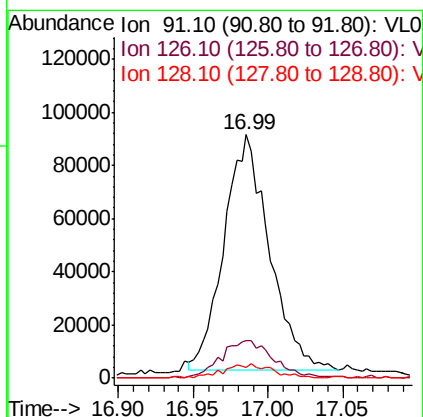
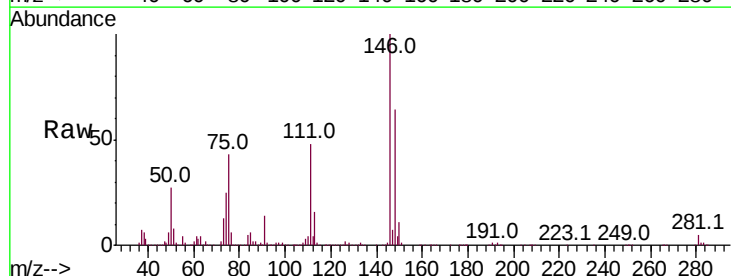
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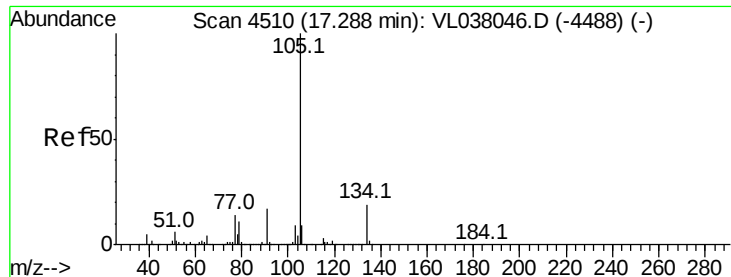
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#66
Benzyl Chloride
Concen: 8.721 ppbv
RT: 16.99 min Scan# 4416
Delta R.T.: 0.01 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion: 91 Resp: 186233
Ion Ratio Lower Upper
91 100
126 19.2 15.5 23.3
128 7.2 5.6 8.4





#67

sec-Butylbenzene

Concen: 8.350 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 10:22

Tot Ion:1

Ion Ratio

105 100

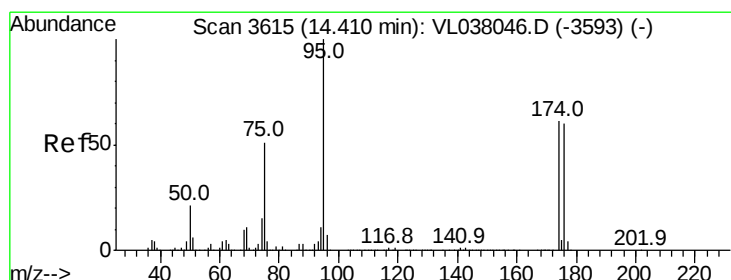
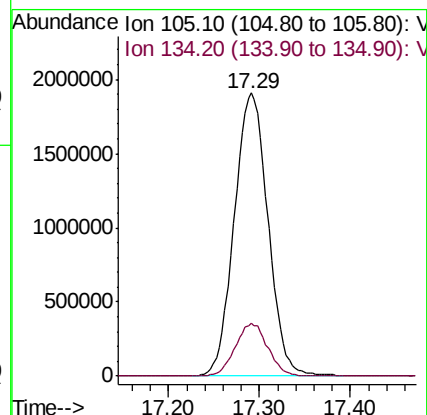
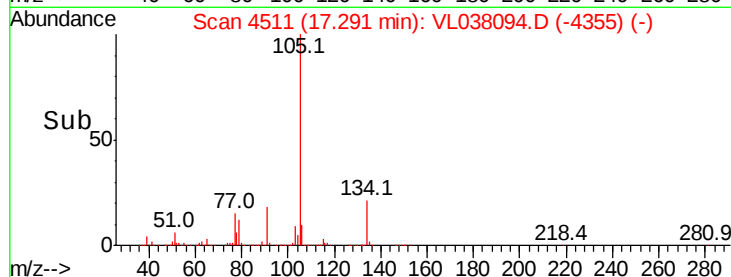
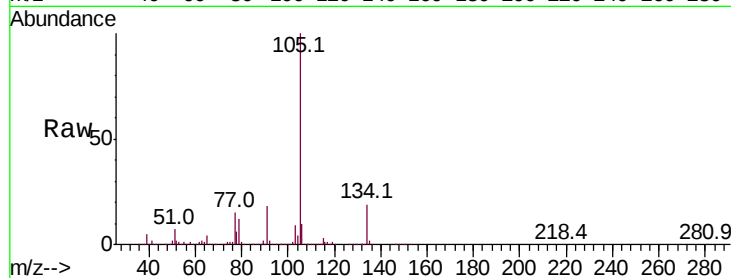
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 11.024 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.00 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

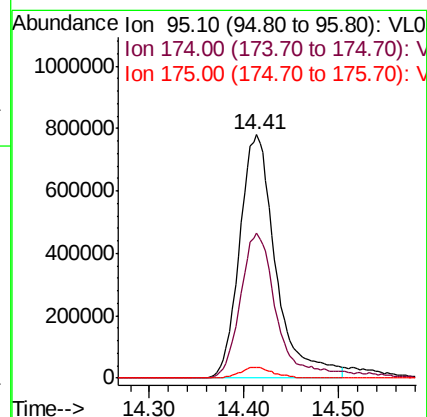
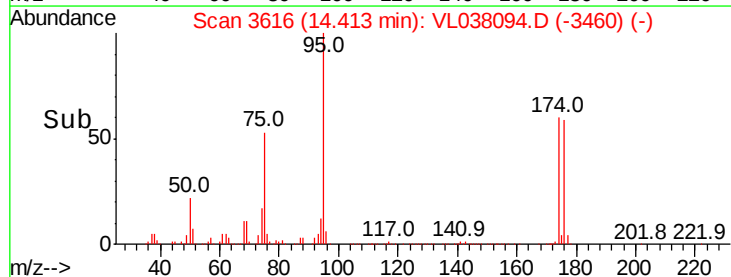
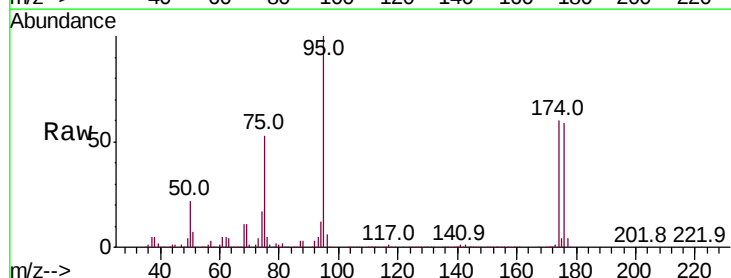
Tgt Ion: 95 Resp: 2075828

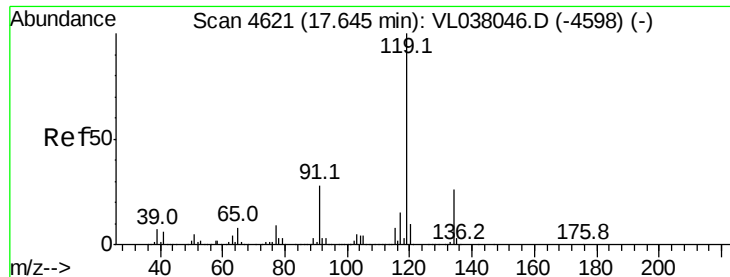
Ion Ratio Lower Upper

95 100

174 62.1 53.1 79.7

175 4.3 4.0 6.0



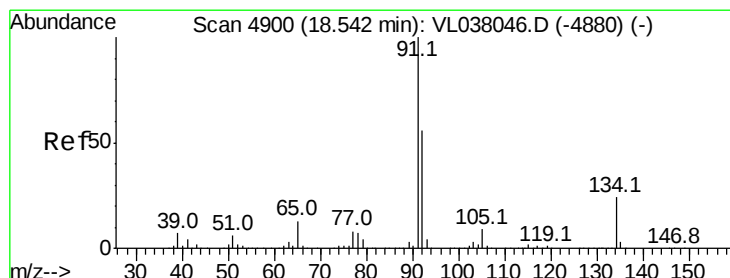
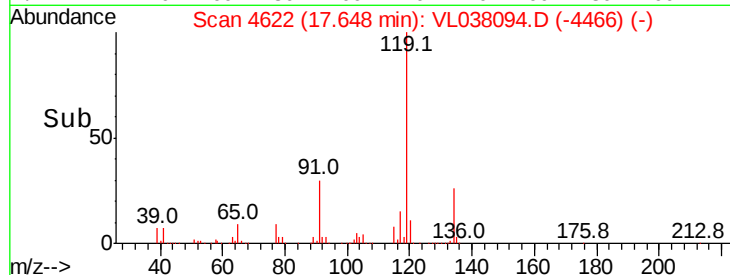
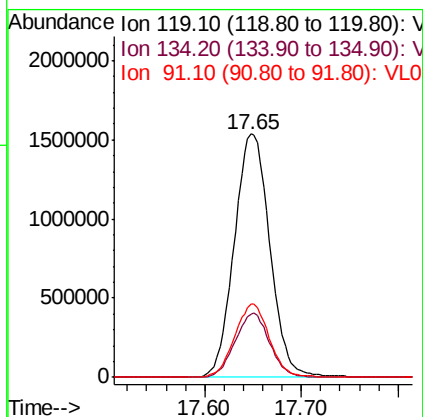
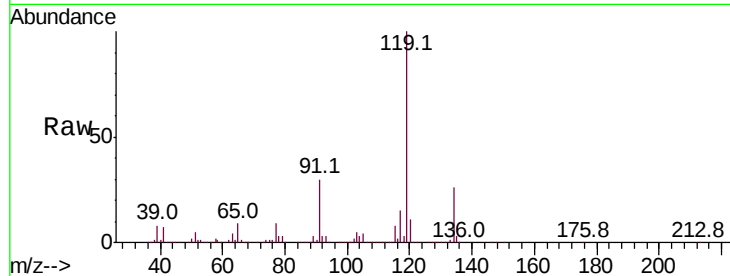


#69
 p-Isopropyltoluene
 Concen: 8.552 ppbv
 RT: 17.65
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

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

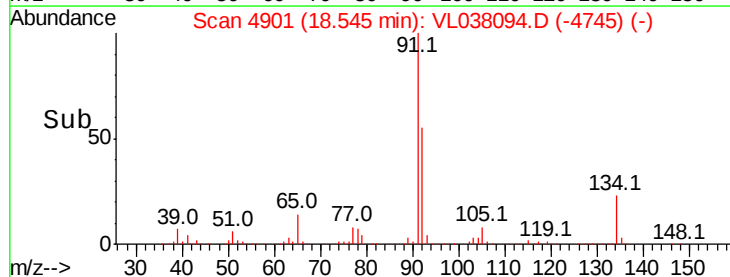
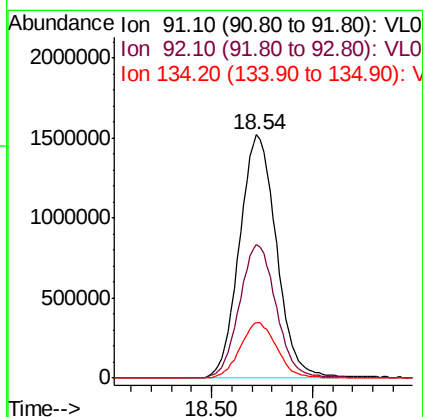
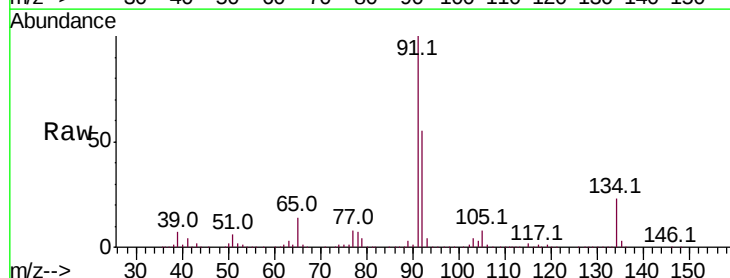
Manual Integrations
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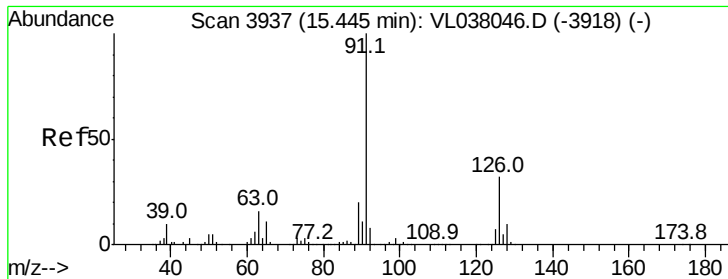
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#70
 n-Butylbenzene
 Concen: 8.775 ppbv
 RT: 18.54 min Scan# 4901
 Delta R.T. 0.00 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion: 91 Resp: 3853411
 Ion Ratio Lower Upper
 91 100
 92 55.2 44.1 66.1
 134 22.8 18.9 28.3



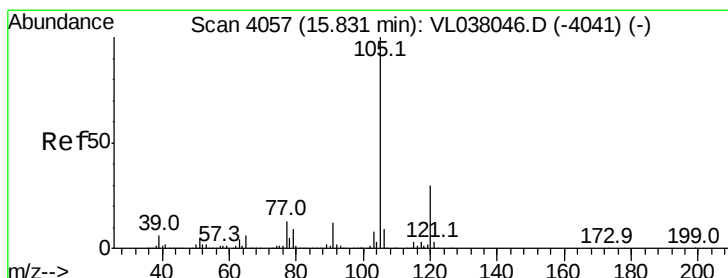
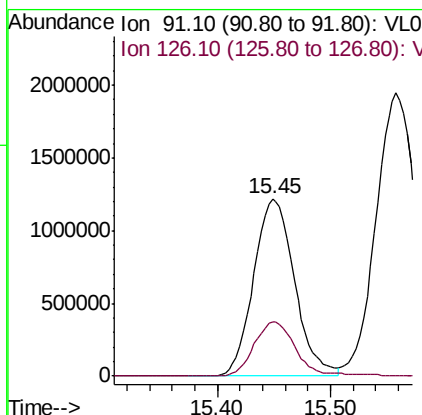
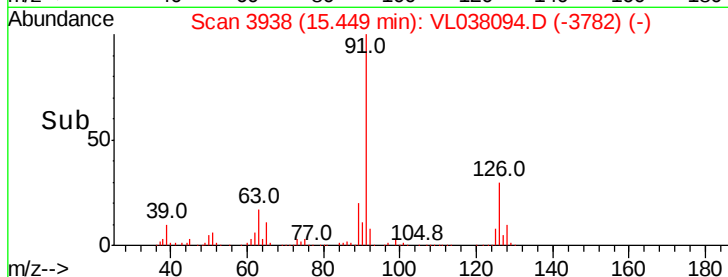
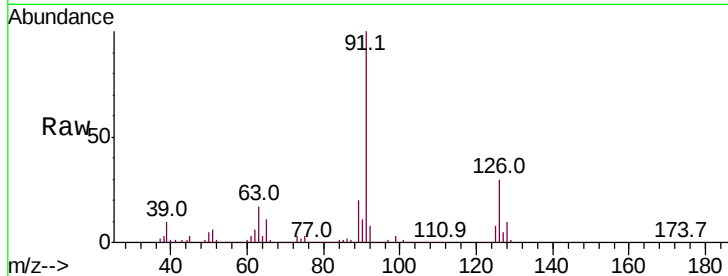


#71
 2-Chlorotoluene
 Concen: 8.752 ppbv
 RT: 15.45
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

Tot Ion:
 Ion Ratio
 91 100
 126 31.

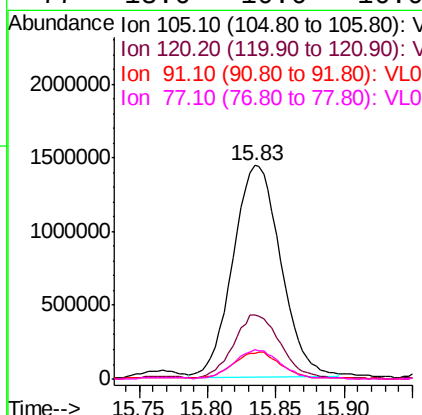
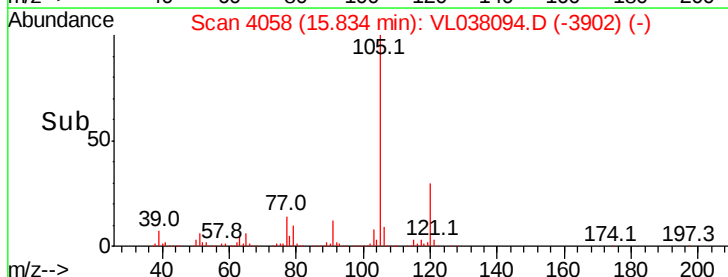
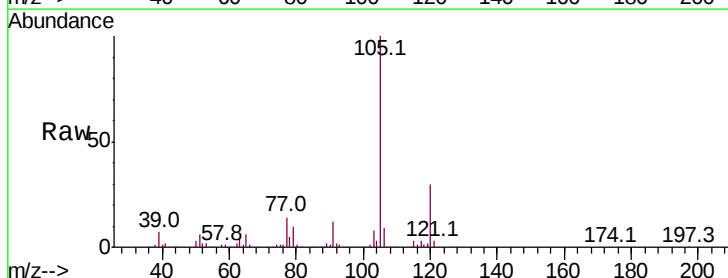
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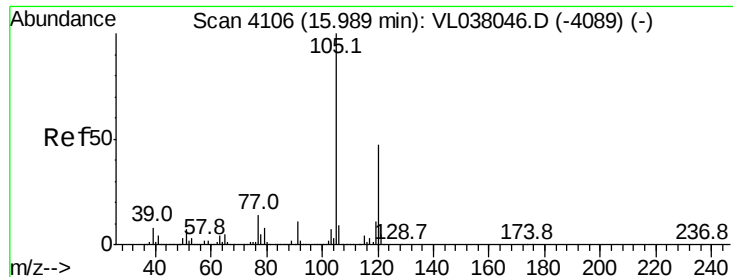
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#72
 4-Ethyltoluene
 Concen: 9.028 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. 0.00 min
 Lab File: VL038094.D
 Acq: 23 Nov 2021 10:22

Tgt Ion:105 Resp: 3526912
 Ion Ratio Lower Upper
 105 100
 120 30.1 25.1 37.7
 91 12.3 9.7 14.5
 77 13.6 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 8.614 ppbv

RT: 16.00 min

Delta R.T. 0.00 min

Lab File: VSTDCCC010

Acq: 23 Nov 2021 10:22

Tot Ion: 1

Ion Ratio

105 100

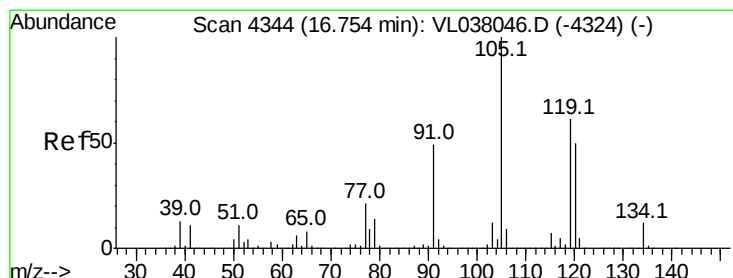
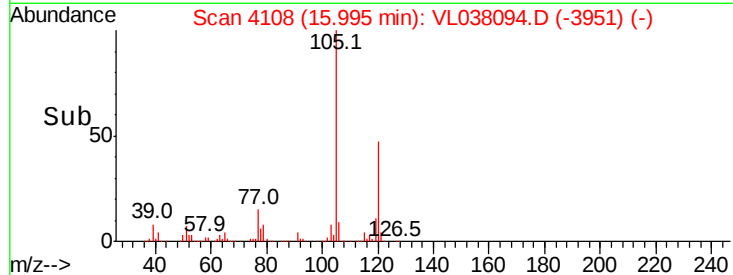
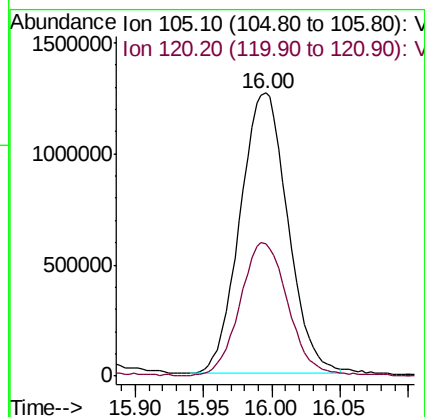
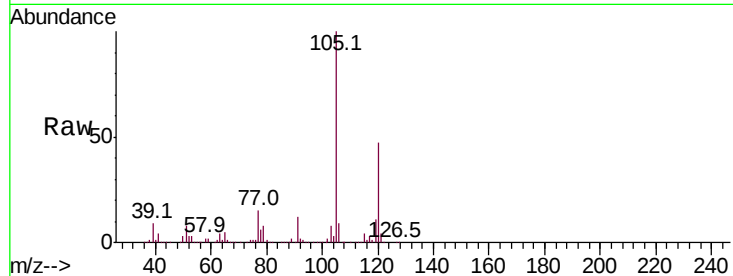
120 46.

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 11/25/2021

Supervised By : Mahesh Dadoda 11/29/2021



#74

1,2,4-Trimethylbenzene

Concen: 8.539 ppbv

RT: 16.76 min Scan# 4345

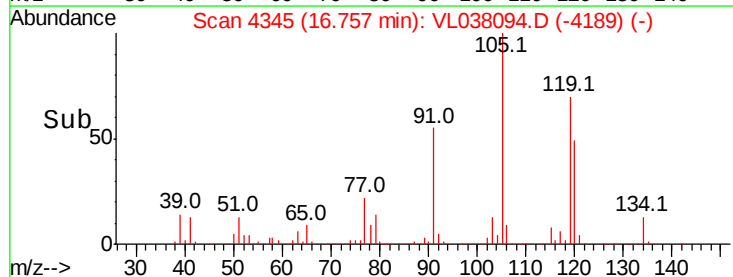
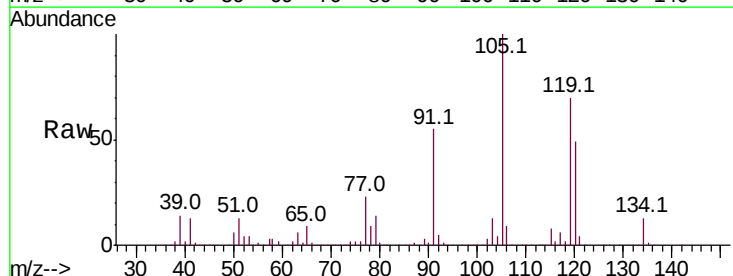
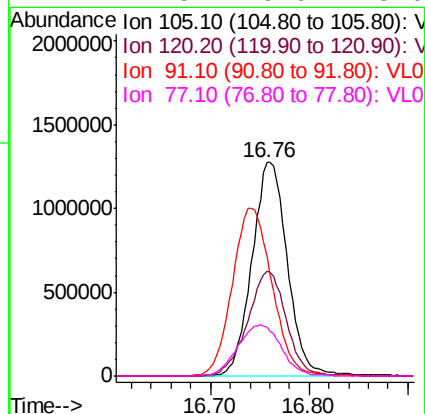
Delta R.T. 0.00 min

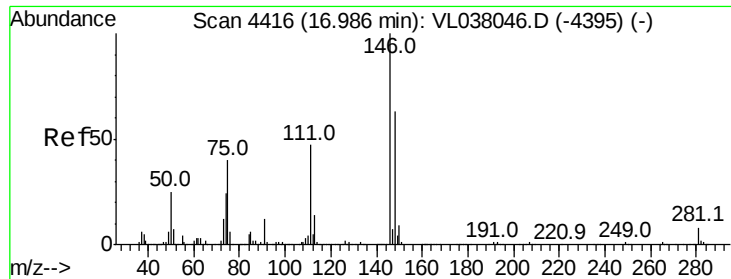
Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

Tgt Ion: 105 Resp: 3139309

Ion	Ratio	Lower	Upper
105	100		
120	48.9	40.1	60.1
91	55.4	39.8	59.8
77	22.5	16.6	25.0





#75

1,3-Dichlorobenzene

Concen: 8.588 ppbv

RT: 16.99

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 23 Nov 2021 10:22

Tot Ion:1

Ion Rati

146 100

111 48.

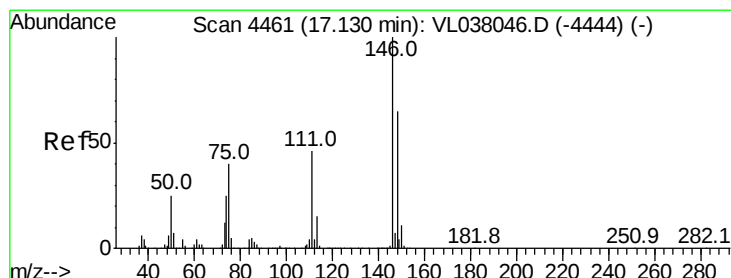
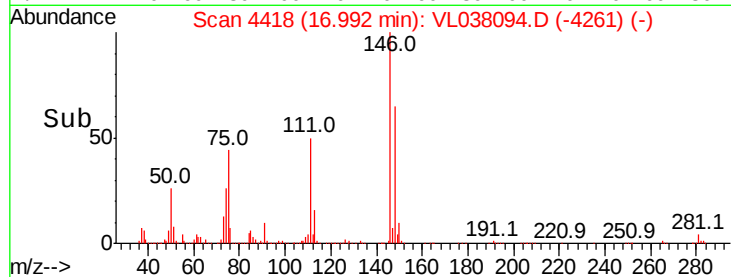
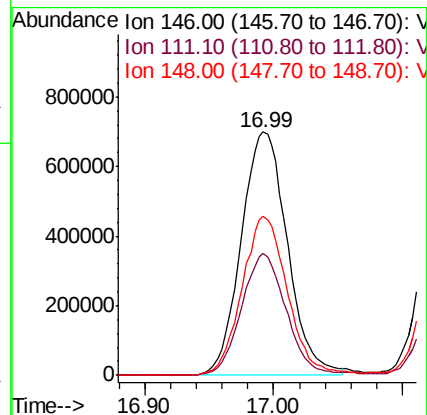
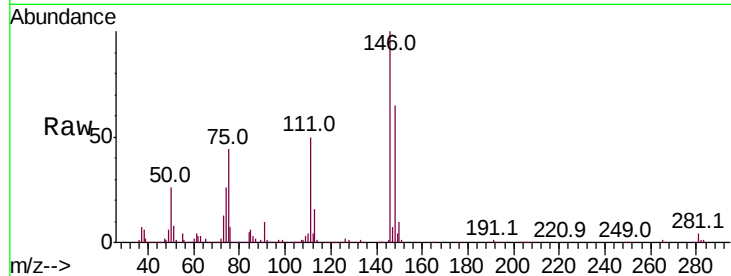
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#76

1,4-Dichlorobenzene

Concen: 8.403 ppbv

RT: 17.13 min Scan# 4462

Delta R.T. 0.00 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

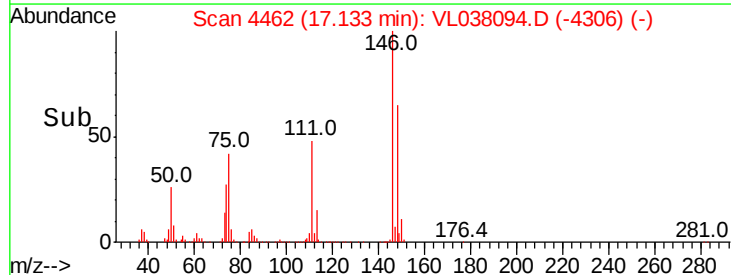
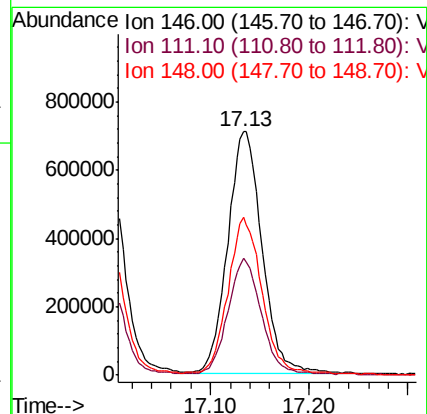
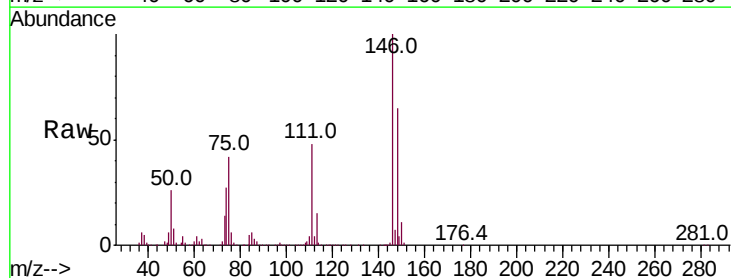
Tgt Ion:146 Resp: 1707526

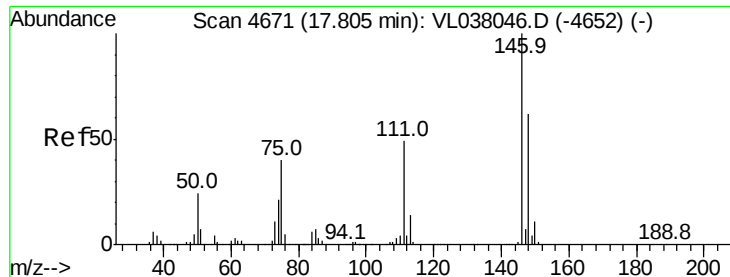
Ion Ratio Lower Upper

146 100

111 47.5 23.8 71.5

148 66.1 33.2 99.6





#77

1,2-Dichlorobenzene

Concen: 8.453 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Nov 2021 10:22

Tot Ion:1

Ion Rati

146 100

111 49.

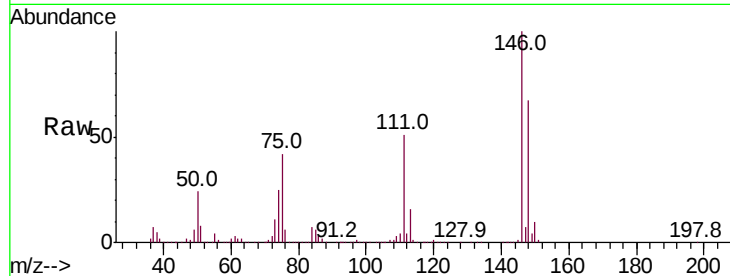
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

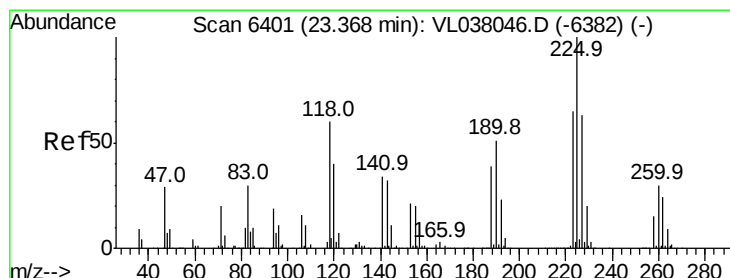
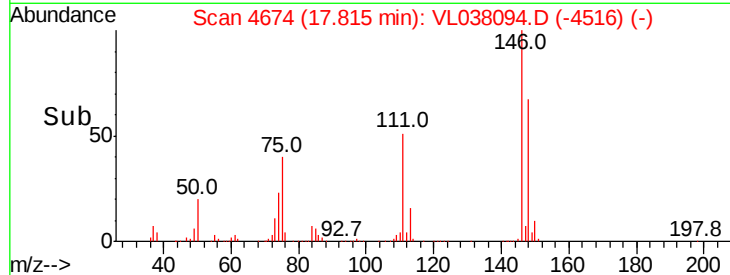
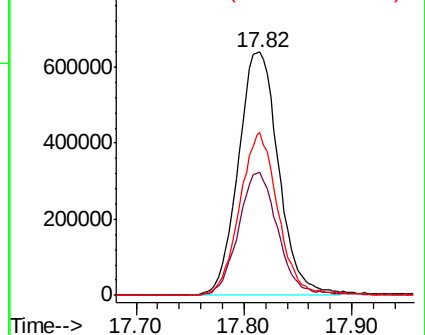
Supervised By :Mahesh Dadoda 11/29/2021



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 7.347 ppbv

RT: 23.37 min Scan# 6401

Delta R.T. -0.00 min

Lab File: VL038094.D

Acq: 23 Nov 2021 10:22

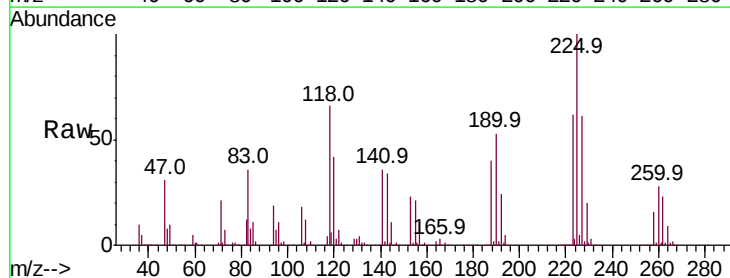
Tgt Ion:225 Resp: 896965

Ion Ratio Lower Upper

225 100

223 64.1 52.3 78.5

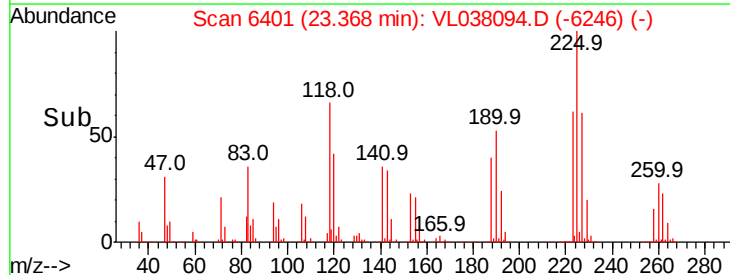
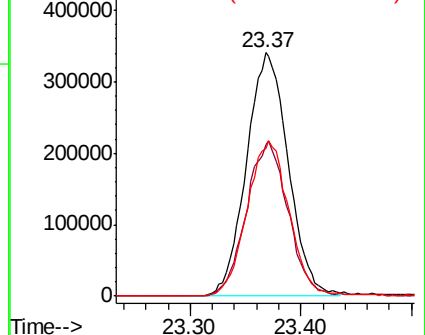
227 64.5 52.4 78.6

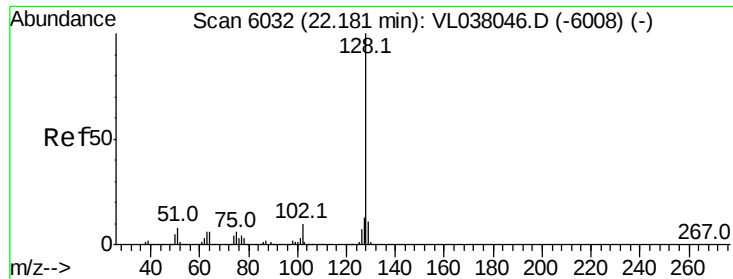


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



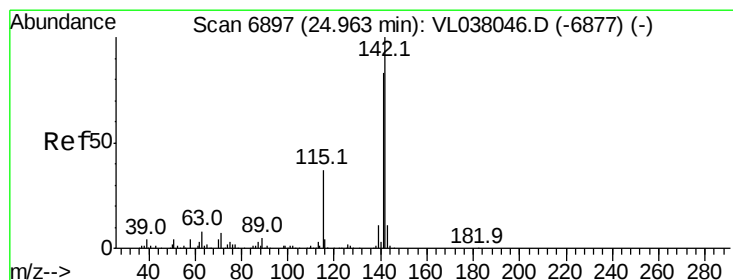
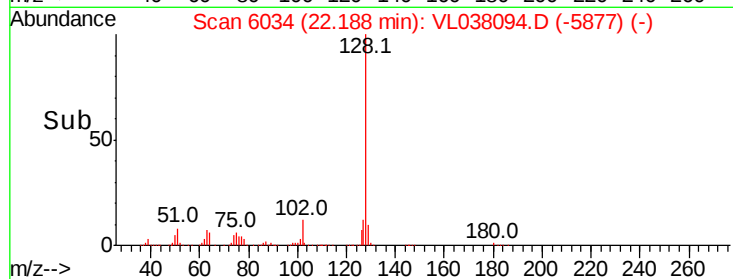
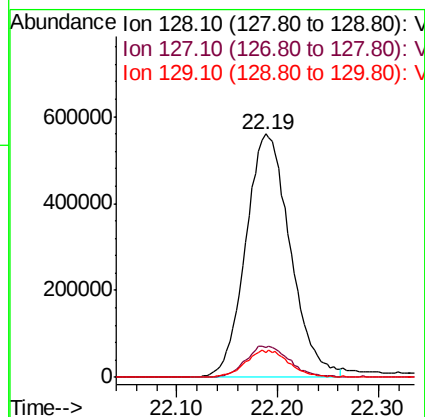
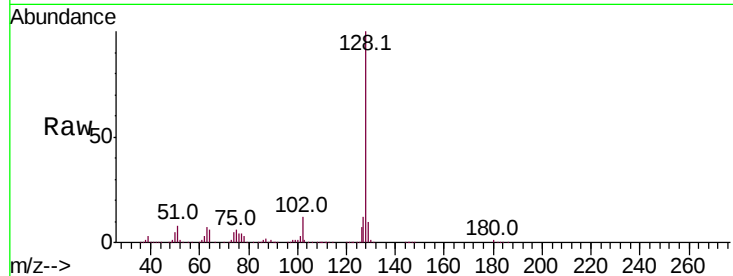


#79
Naphthalene
Concen: 8.855 ppbv
RT: 22.19
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 10:22 VSTDCCC010

Tot Ion:1
Ion Rati
128 100
127 12.
129 10.

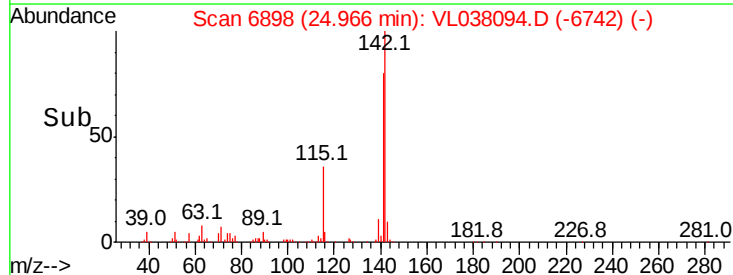
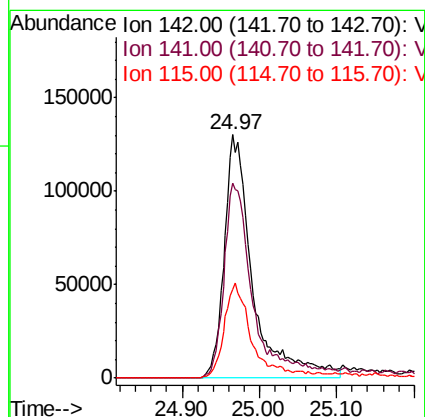
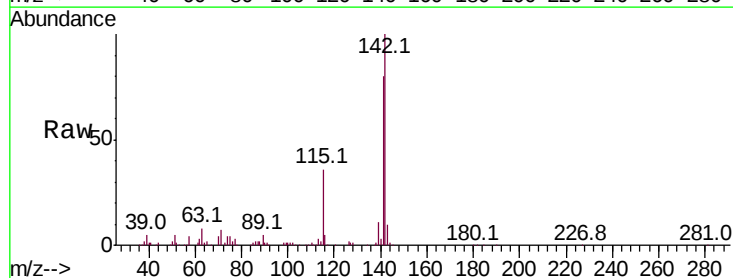
Manual Integrations
APPROVED

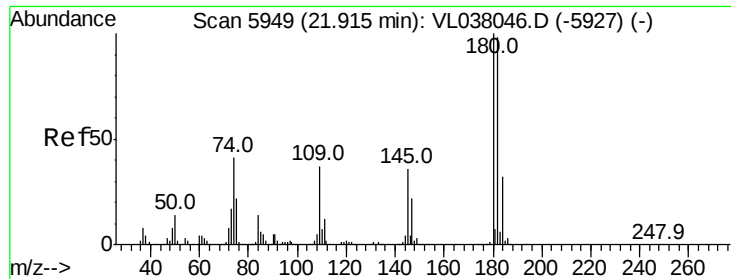
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#80
Naphthalene, 2-methyl-
Concen: 8.050 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.00 min
Lab File: VL038094.D
Acq: 23 Nov 2021 10:22

Tgt Ion:142 Resp: 334025
Ion Ratio Lower Upper
142 100
141 86.0 67.3 100.9
115 39.3 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 8.274 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Nov 2021 10:22

Tot Ion:1
 Ion Rati
 180 100
 182 99.
 184 31.

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