

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
 Data File : VL040104.D
 Acq On : 17 Jan 2023 8:22
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 09:50:45 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.195	49	1060812	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.661	114	2844836	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2905229m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	2279347	9.440	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	1474651	7.928	ppbv	100
3) Chlorodifluoromethane	2.665	51	1285924	10.107	ppbv	99
4) Chloromethane	2.806	50	809544	10.294	ppbv	99
5) Vinyl Chloride	2.912	62	688836	10.332	ppbv	99
6) Bromomethane	3.115	94	250257	10.287	ppbv	97
7) Chloroethane	3.192	64	267041	10.479	ppbv	99
8) Dichlorotetrafluoroethane	2.851	85	1725146m	9.935	ppbv	
9) Propene	2.687	41	543250	10.276	ppbv	100
10) Heptane	7.590	43	1357593	11.143	ppbv	99
11) Trichlorofluoromethane	3.558	101	1864932	10.047	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.066	101	1391033	9.968	ppbv	98
13) Ethanol	3.243	45	40572m	8.338	ppbv	
14) Bromoethene	3.362	108	562715	10.862	ppbv	99
15) Acetone	3.462	43	1254495	9.861	ppbv	100
16) 1,3-Butadiene	2.980	39	633787	10.685	ppbv	99
17) tert-Butyl alcohol	3.874	59	1378175	11.633	ppbv	99
18) 1,1-Dichloroethene	3.880	96	606562	10.004	ppbv	96
19) Isopropyl Alcohol	3.571	45	691389	11.107	ppbv	99
20) Methylene Chloride	3.931	84	538237	9.589	ppbv	94
21) Allyl Chloride	3.996	41	894945	10.956	ppbv	98
22) trans-1,2-Dichloroethene	4.446	96	649677	10.487	ppbv	98
23) Vinyl Acetate	4.626	43	445194	10.795	ppbv #	98
24) 1,1-Dichloroethane	4.565	63	1300526	10.414	ppbv	99
25) Ethyl Acetate	5.208	43	2347839	10.475	ppbv	100
26) Hexane	5.214	57	993771	10.131	ppbv	99
27) Carbon Disulfide	4.124	76	1550025	12.198	ppbv	100
28) Methyl tert-Butyl Ether	4.587	73	1168955	10.593	ppbv	99
29) Chloroform	5.279	83	1750104	11.159	ppbv	98
30) Cyclohexane	6.610	84	875571	11.229	ppbv	99
31) cis-1,2-Dichloroethene	5.082	61	998983	10.520	ppbv	97
32) 1,1,1-Trichloroethane	6.008	97	1839825	11.542	ppbv	99
34) 2-Butanone	4.787	43	1407460	10.459	ppbv	100
35) Carbon Tetrachloride	6.500	117	1906488	11.852	ppbv	99
36) Benzene	6.378	78	2245432	10.666	ppbv	97
37) 1,2-Dichloroethane	5.812	62	1411117	10.428	ppbv	100
38) Trichloroethene	7.301	130	1330871	11.139	ppbv	98
39) 1,2-Dichloropropane	7.082	63	866927	10.528	ppbv	99
40) 1,4-Dioxane	7.301	88	325787	9.969	ppbv #	1
41) Tetrahydrofuran	5.562	42	857298	11.038	ppbv	99
42) Bromodichloromethane	7.259	83	1999781	10.944	ppbv	99
43) Methyl Methacrylate	7.484	69	903970	11.701	ppbv	99
44) 2,2,4-Trimethylpentane	7.336	57	3717180	10.617	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	881573	12.797	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
 Data File : VL040104.D
 Acq On : 17 Jan 2023 8:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 09:50:45 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

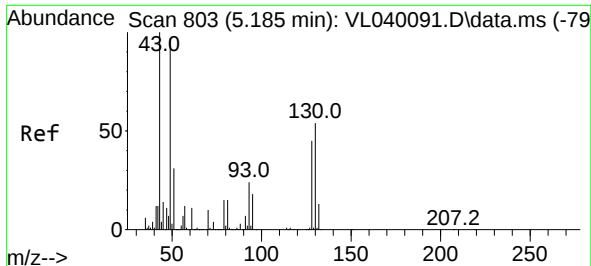
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

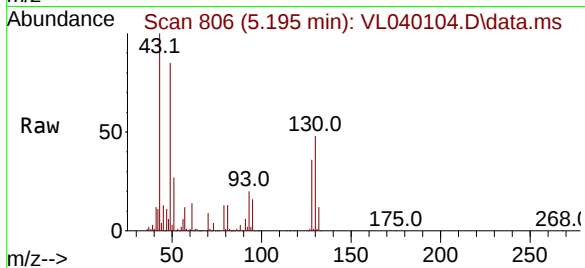
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	1199786	12.745	ppbv	100
47) 1,1,2-Trichloroethane	8.912	97	922352	10.639	ppbv	98
48) Dibromochloromethane	9.722	129	1616444	11.600	ppbv	100
49) Bromoform	12.426	173	1252674	11.670	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2340138	11.056	ppbv	100
51) 2-Hexanone	9.565	43	1834846	11.442	ppbv #	98
52) Tetrachloroethene	10.629	164	756590	10.986	ppbv	98
53) Toluene	9.233	91	2528258	11.260	ppbv	100
54) 1,2-Dibromoethane	10.024	107	1065531	11.739	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.526	131	1145084	10.127	ppbv	96
57) Chlorobenzene	11.542	112	1925530	9.723	ppbv	95
58) Ethyl Benzene	12.105	91	3428492	10.575	ppbv	99
59) m/p-Xylene	12.388	91	5883681m	20.184	ppbv	
60) o-Xylene	13.076	91	2807902	10.148	ppbv	99
61) Styrene	12.915	104	1599491	11.093	ppbv	100
62) Isopropylbenzene	14.047	105	3907250	9.817	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.066	83	903047	8.988	ppbv	99
64) n-propylbenzene	14.934	120	985001	9.956	ppbv	98
65) tert-Butylbenzene	16.108	119	3321730	9.749	ppbv	100
66) Benzyl Chloride	16.349	91	239918	10.303	ppbv #	97
67) sec-Butylbenzene	16.658	105	4677661	9.683	ppbv	100
69) p-Isopropyltoluene	17.014	119	3759761	9.905	ppbv	100
70) n-Butylbenzene	17.908	91	4046223	9.884	ppbv	100
71) 2-Chlorotoluene	14.818	91	3001319	9.805	ppbv	100
72) 4-Ethyltoluene	15.211	105	3122297	10.169	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2753158	9.959	ppbv	98
74) 1,2,4-Trimethylbenzene	16.127	105	2983689	9.743	ppbv	97
75) 1,3-Dichlorobenzene	16.352	146	1638721	9.635	ppbv	99
76) 1,4-Dichlorobenzene	16.497	146	1591691	9.518	ppbv	99
77) 1,2-Dichlorobenzene	17.162	146	1528321	9.396	ppbv	99
78) Hexachloro-1,3-Butadiene	22.657	225	1121591	9.414	ppbv	99
79) Naphthalene	21.410	128	2463690	14.044	ppbv	99
80) Naphthalene,2-methyl-	24.397	142	695459	11.765	ppbv	100
81) 1,2,4-Trichlorobenzene	21.165	180	1245238	11.516	ppbv	97

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

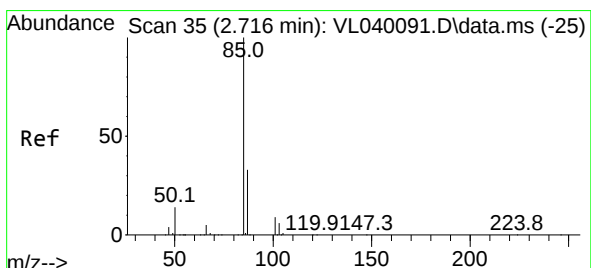
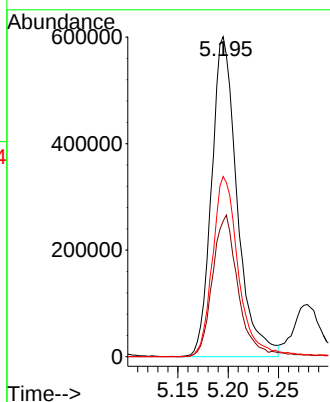
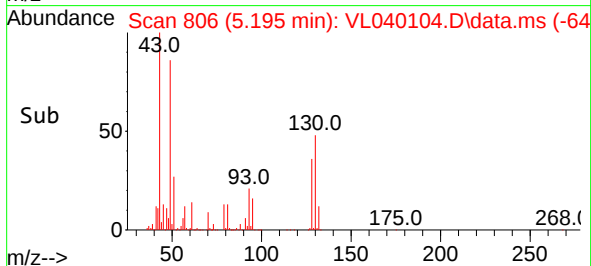
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 106081
Ion Ratio Lower Upper
49 100
128 45.5 23.6 71.0
130 58.2 29.8 89.3

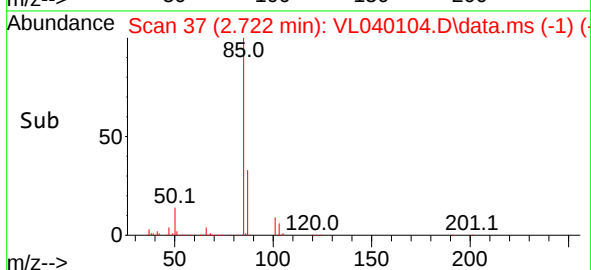
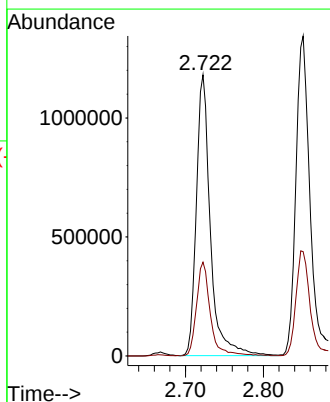
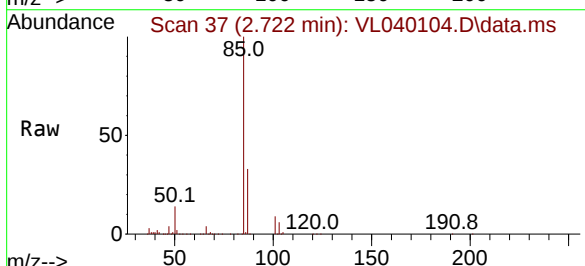
Manual Integrations
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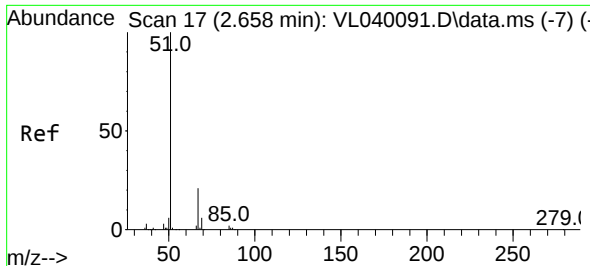
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#2
Dichlorodifluoromethane
Concen: 7.928 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.006 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

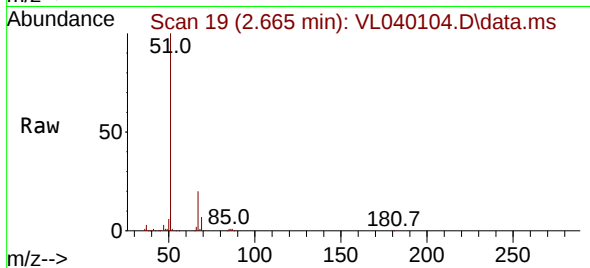
Tgt Ion: 85 Resp: 1474651
Ion Ratio Lower Upper
85 100
87 33.3 26.5 39.7





#3
Chlorodifluoromethane
Concen: 10.107 ppbv
RT: 2.665 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

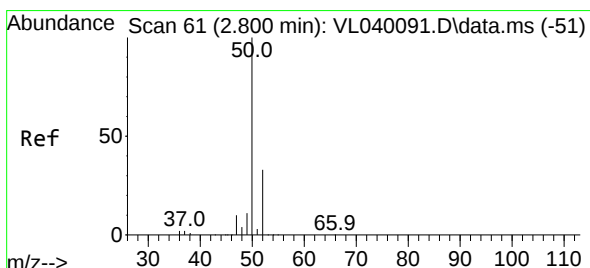
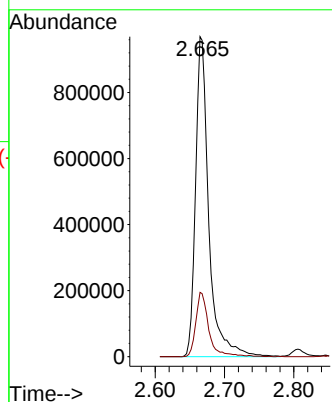
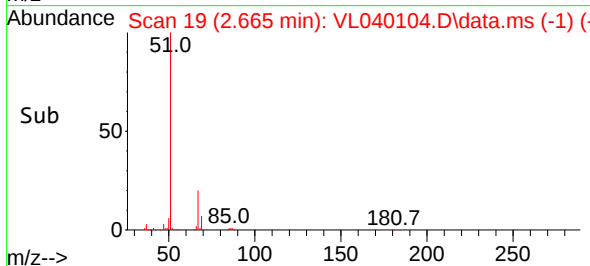
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1285924
Ion Ratio Lower Upper
51 100
67 19.9 16.4 24.6

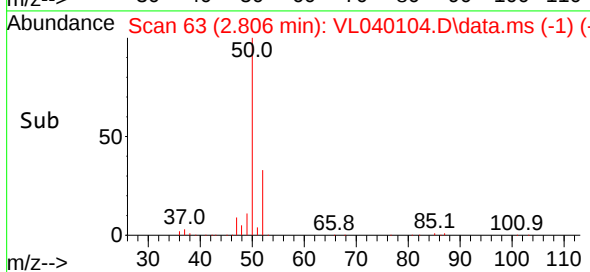
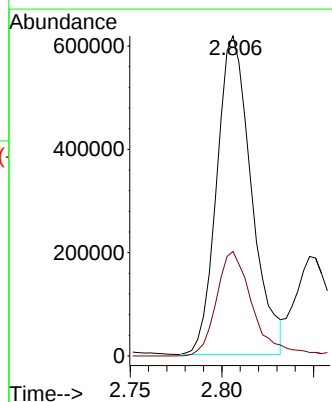
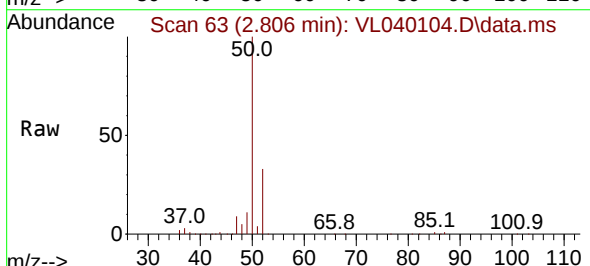
Manual Integrations
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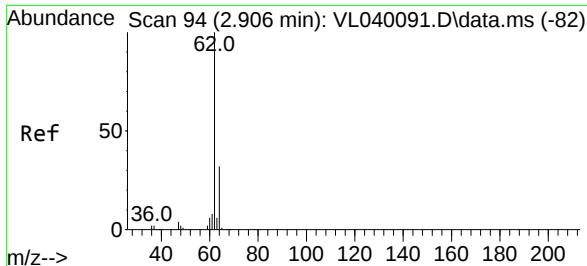
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#4
Chloromethane
Concen: 10.294 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.006 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

Tgt Ion: 50 Resp: 809544
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7





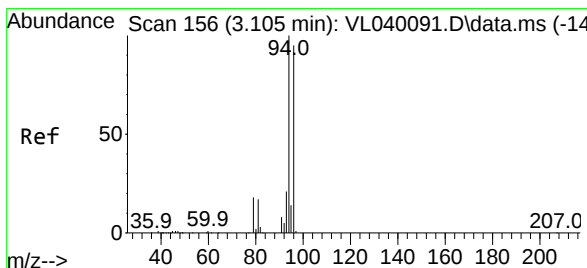
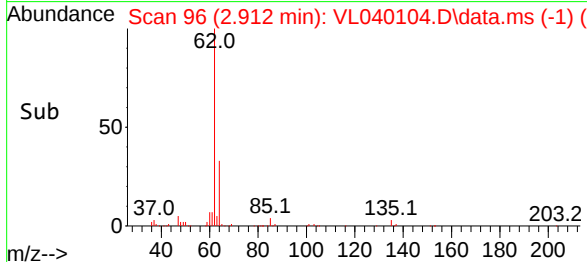
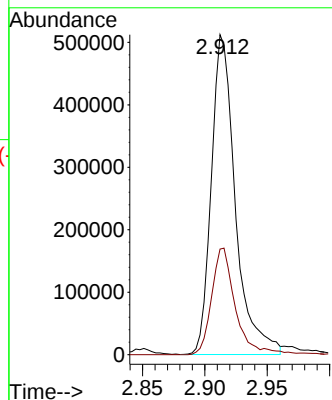
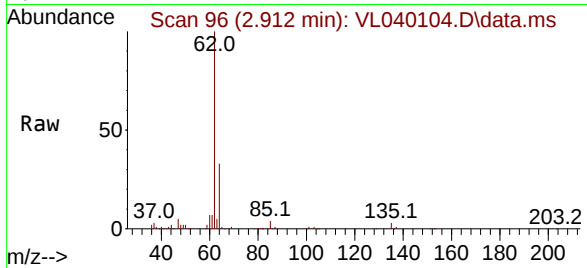
#5
 Vinyl Chloride
 Concen: 10.332 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VL040104.D
 Acq: 17 Jan 2023 8:22

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 688836
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.8 38.6

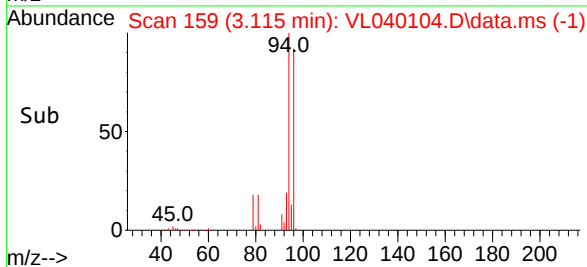
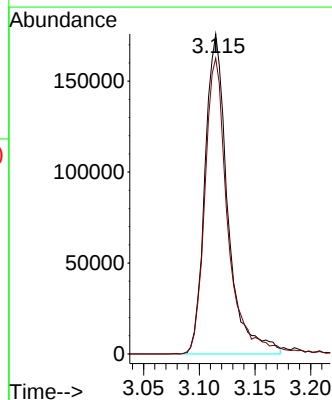
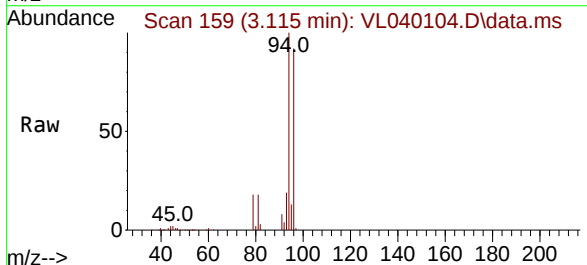
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#6
 Bromomethane
 Concen: 10.287 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.010 min
 Lab File: VL040104.D
 Acq: 17 Jan 2023 8:22

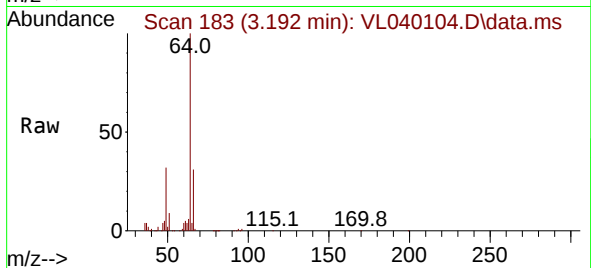
Tgt Ion: 94 Resp: 250257
 Ion Ratio Lower Upper
 94 100
 96 92.4 76.2 114.2





#7
Chloroethane
Concen: 10.479 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

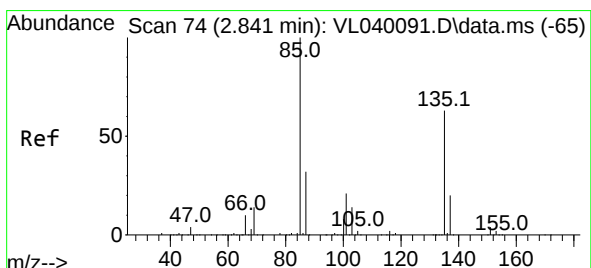
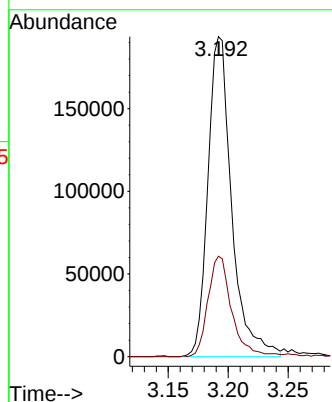
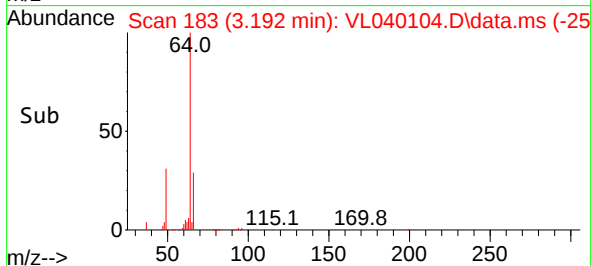
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 26704
Ion Ratio Lower Upper
64 100
66 31.4 25.6 38.4

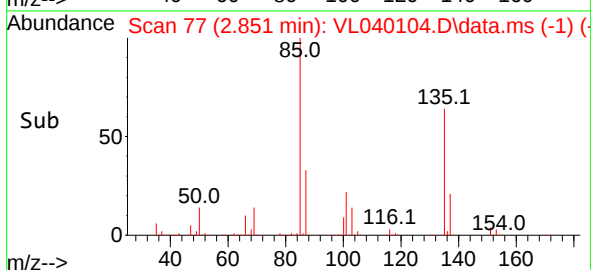
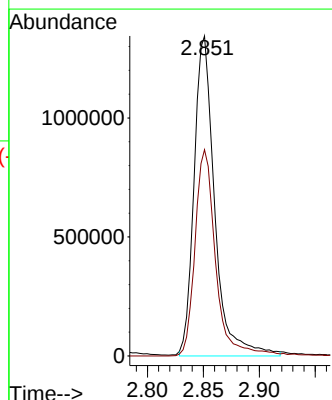
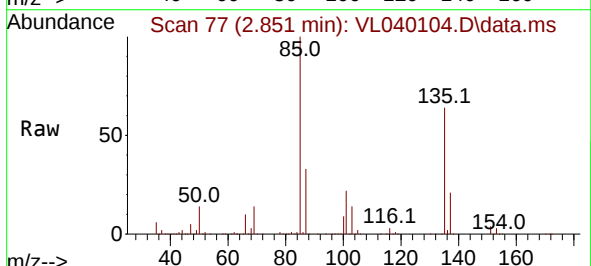
Manual Integrations
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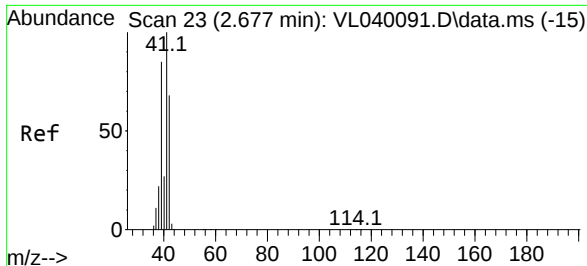
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#8
Dichlorotetrafluoroethane
Concen: 9.935 ppbv m
RT: 2.851 min Scan# 77
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

Tgt Ion: 85 Resp: 1725146
Ion Ratio Lower Upper
85 100
135 0.0 51.4 77.2#





#9

Propene

Concen: 10.276 ppbv

RT: 2.687 min Scan# 20

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 543250

Ion Ratio Lower Upper

41 100

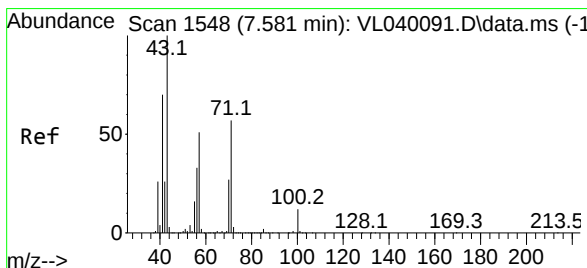
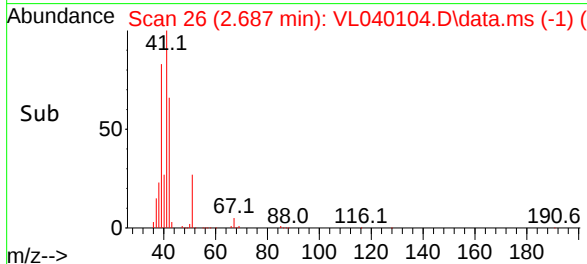
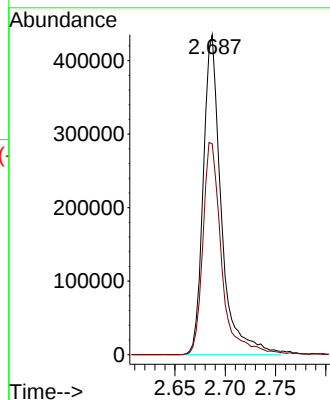
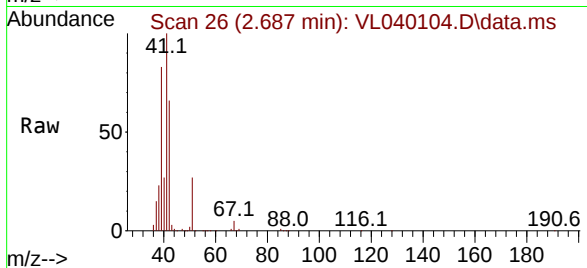
42 69.3 55.6 83.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#10

Heptane

Concen: 11.143 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. 0.010 min

Lab File: VL040104.D

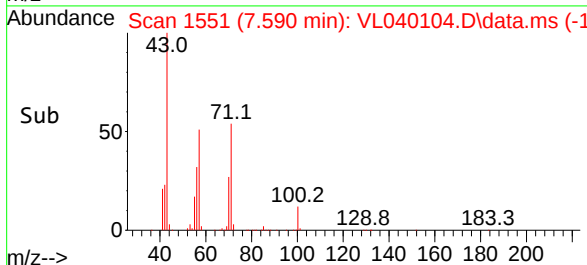
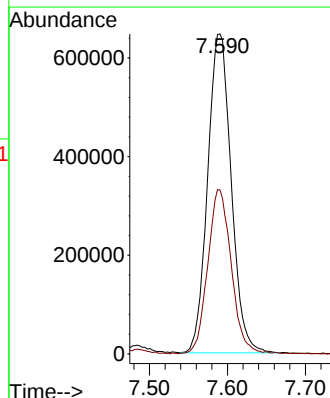
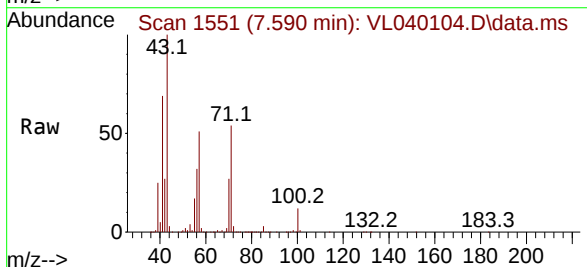
Acq: 17 Jan 2023 8:22

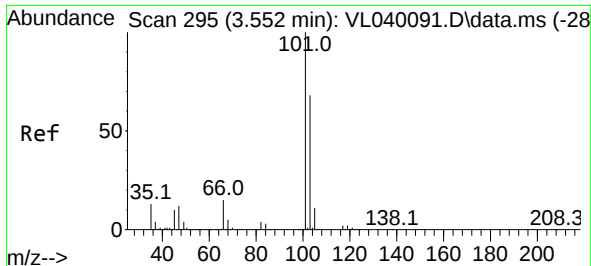
Tgt Ion: 43 Resp: 1357593

Ion Ratio Lower Upper

43 100

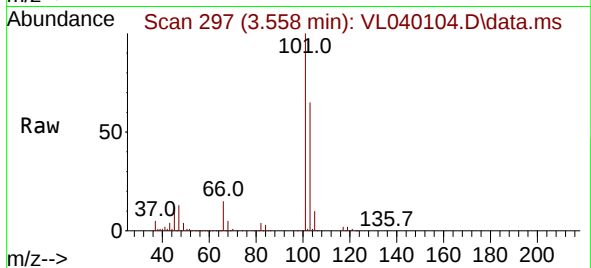
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#11
Trichlorofluoromethane
Concen: 10.047 ppbv
RT: 3.558 min Scan# 295
Delta R.T. 0.006 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

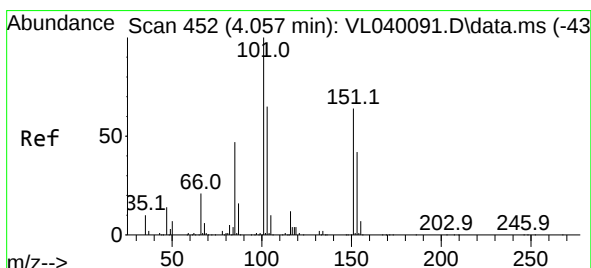
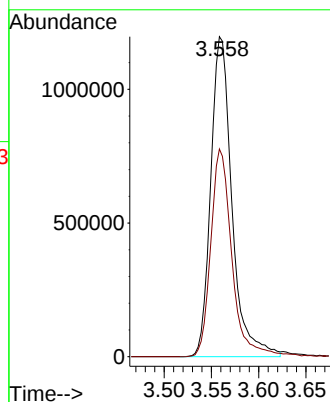
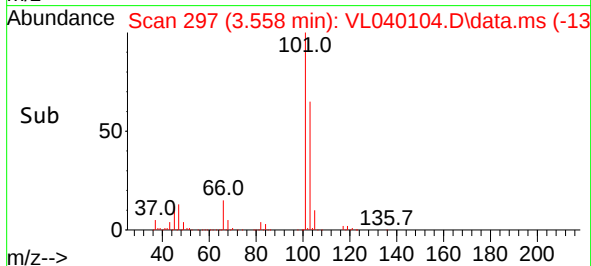
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



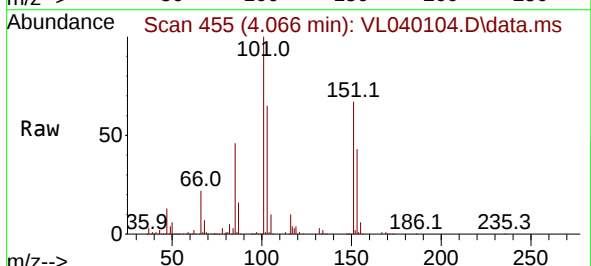
Tgt Ion:101 Resp: 1864932
Ion Ratio Lower Upper
101 100
103 64.9 54.0 81.0

Manual Integrations
APPROVED

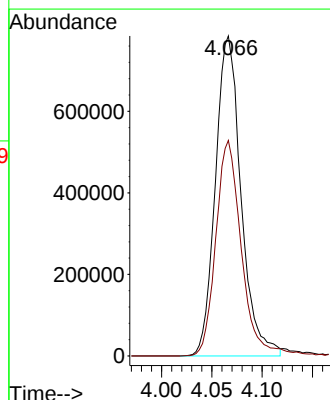
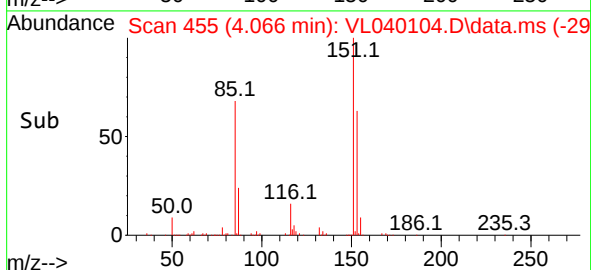
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

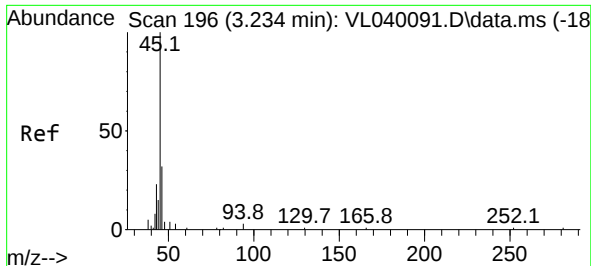


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.968 ppbv
RT: 4.066 min Scan# 455
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



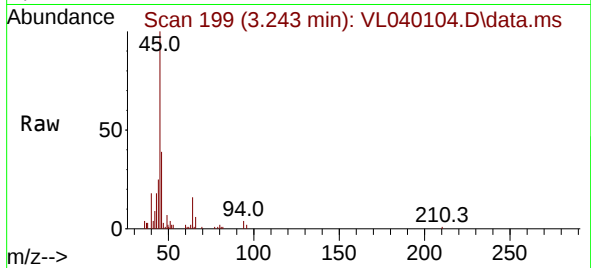
Tgt Ion:101 Resp: 1391033
Ion Ratio Lower Upper
101 100
151 67.8 53.2 79.8





#13
Ethanol
Concen: 8.338 ppbv m
RT: 3.243 min Scan# 196
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

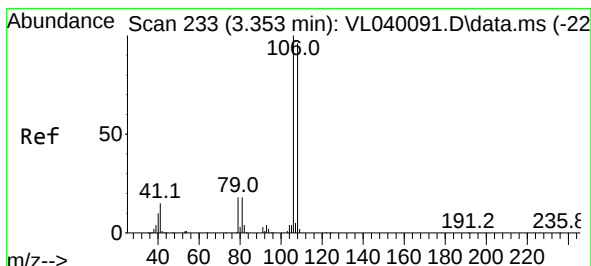
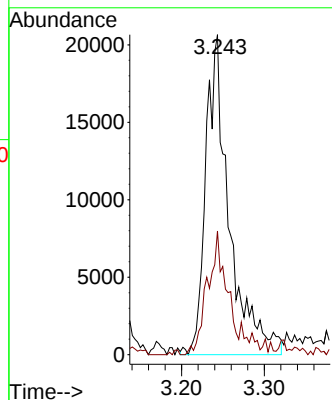
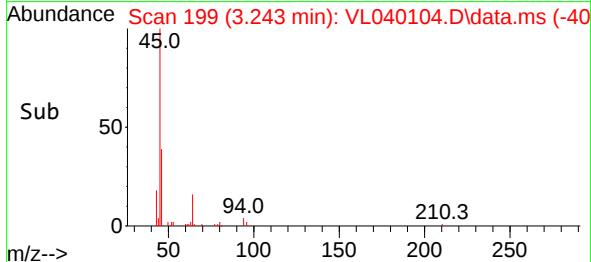
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



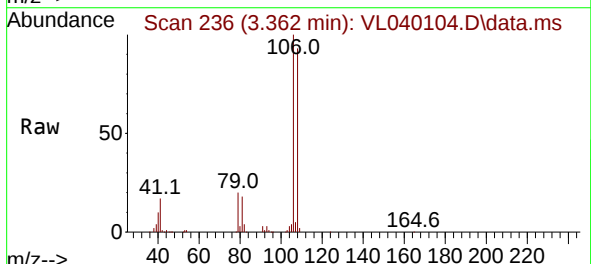
Tgt Ion: 45 Resp: 40572
Ion Ratio Lower Upper
45 100
46 38.3 14.8 59.2

Manual Integrations
APPROVED

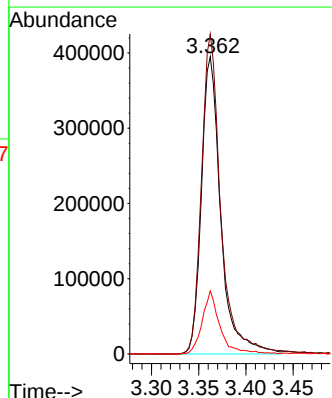
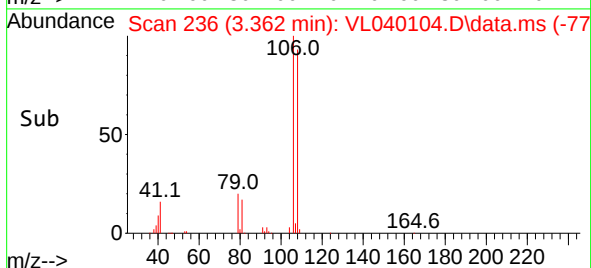
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

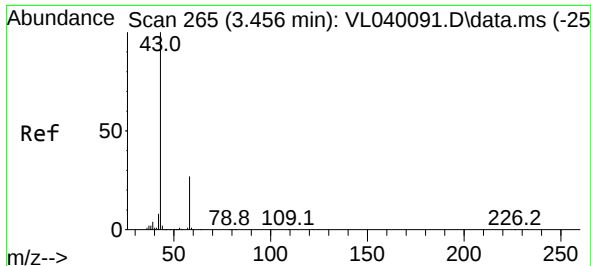


#14
Bromoethene
Concen: 10.862 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



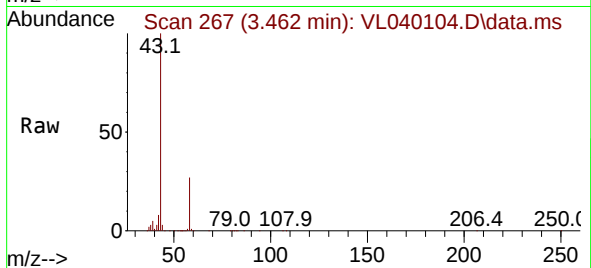
Tgt Ion:108 Resp: 562715
Ion Ratio Lower Upper
108 100
106 108.3 87.0 130.6
79 19.6 16.1 24.1





#15
Acetone
Concen: 9.861 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

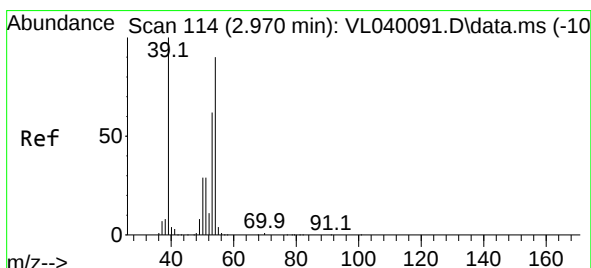
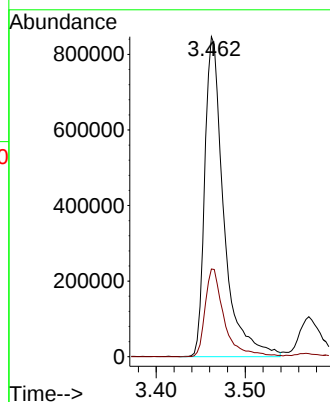
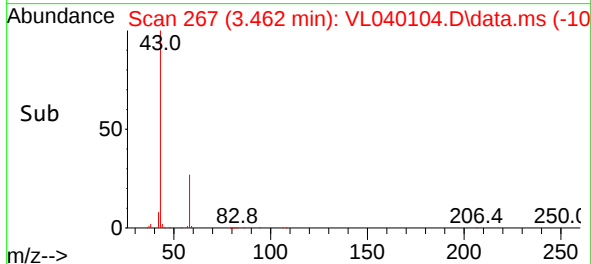
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



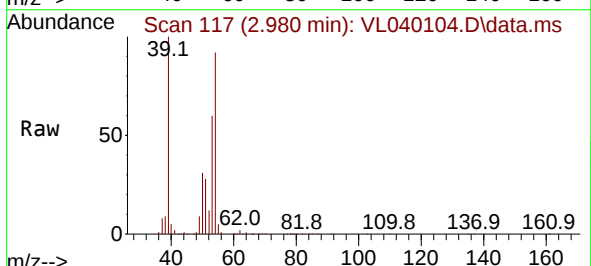
Tgt Ion: 43 Resp: 125449
Ion Ratio Lower Upper
43 100
58 27.5 21.8 32.8

Manual Integrations
APPROVED

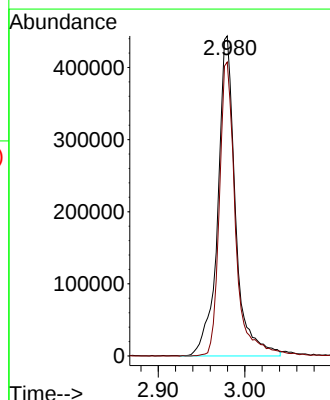
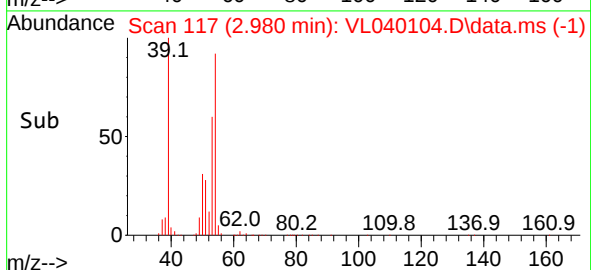
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

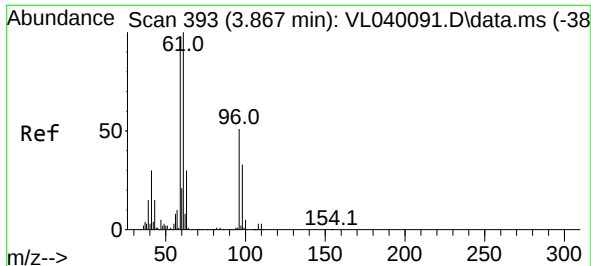


#16
1,3-Butadiene
Concen: 10.685 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



Tgt Ion: 39 Resp: 633787
Ion Ratio Lower Upper
39 100
54 83.9 67.9 101.9





#17

tert-Butyl alcohol

Concen: 11.633 ppbv

RT: 3.874 min Scan# 393

Delta R.T. 0.006 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 137817

Ion Ratio Lower Upper

59 100

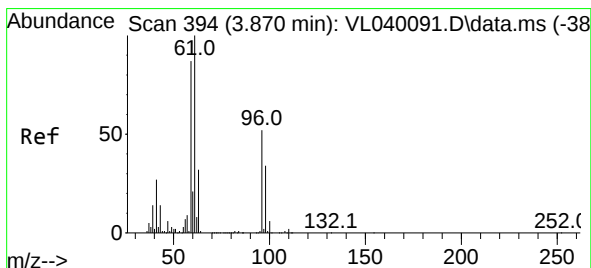
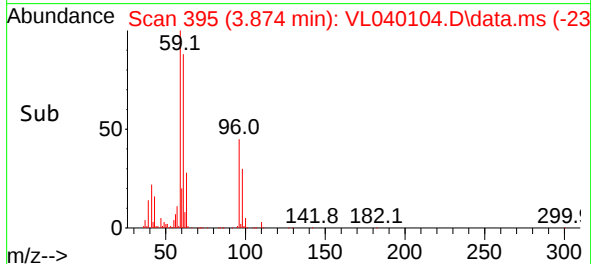
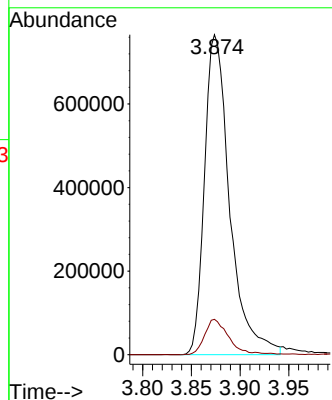
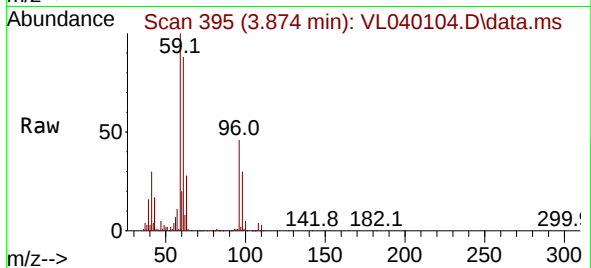
57 10.8 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#18

1,1-Dichloroethene

Concen: 10.004 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

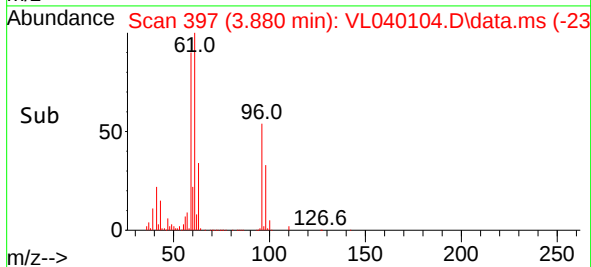
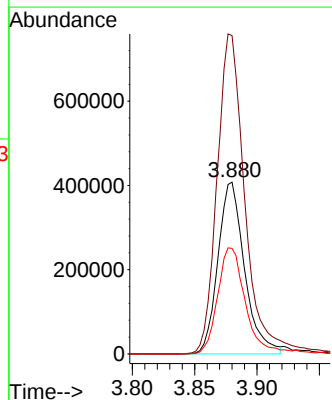
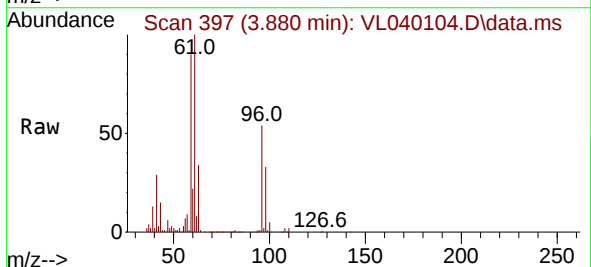
Tgt Ion: 96 Resp: 606562

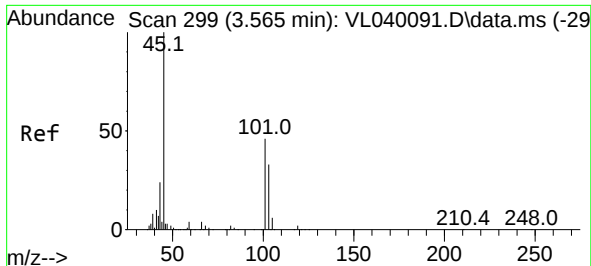
Ion Ratio Lower Upper

96 100

61 185.2 153.0 229.4

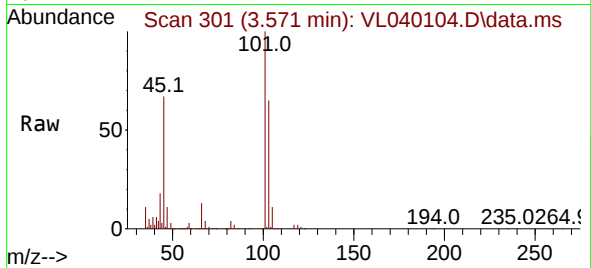
98 61.5 52.7 79.1





#19
Isopropyl Alcohol
Concen: 11.107 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.006 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

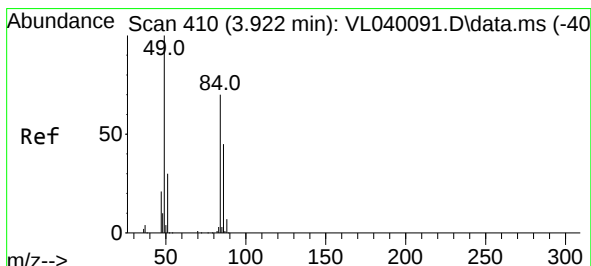
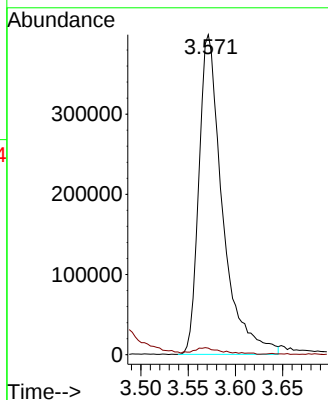
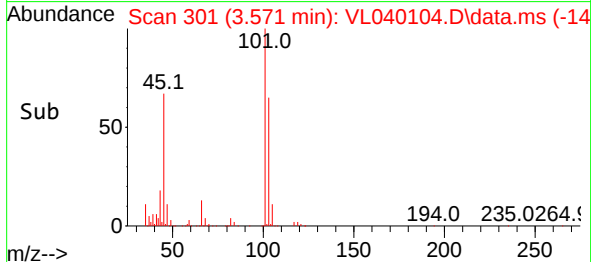
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



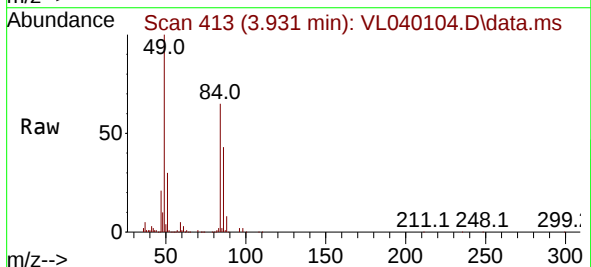
Tgt Ion: 45 Resp: 691389
Ion Ratio Lower Upper
45 100
58 2.9 2.6 4.0

Manual Integrations
APPROVED

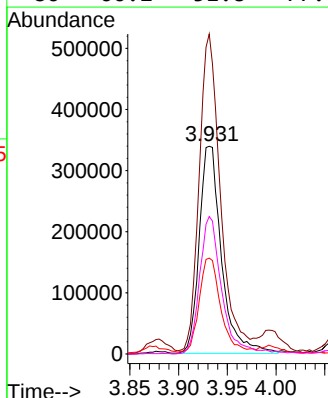
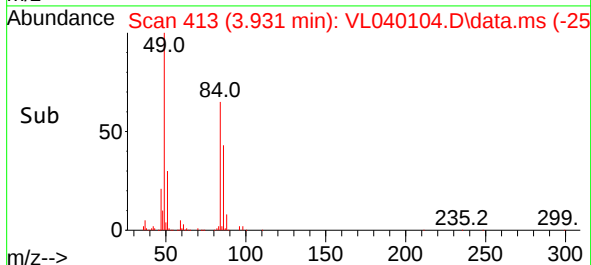
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

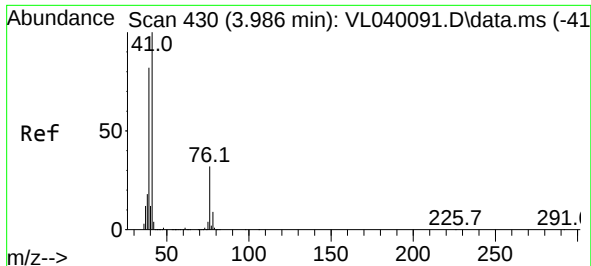


#20
Methylene Chloride
Concen: 9.589 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



Tgt Ion: 84 Resp: 538237
Ion Ratio Lower Upper
84 100
49 153.0 114.6 171.8
51 45.5 34.3 51.5
86 66.2 51.8 77.8





#21

Allyl Chloride

Concen: 10.956 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 89494

Ion Ratio Lower Upper

41 100

76 32.2 25.9 38.9

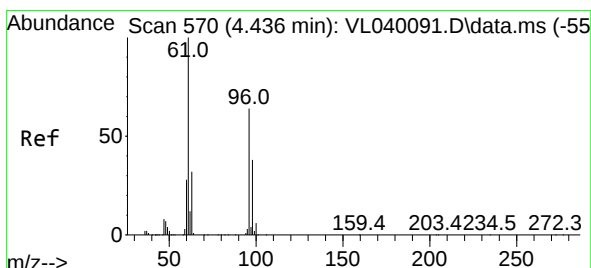
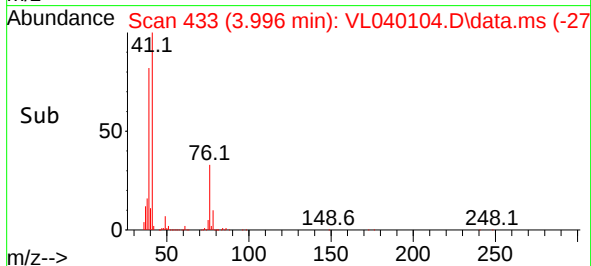
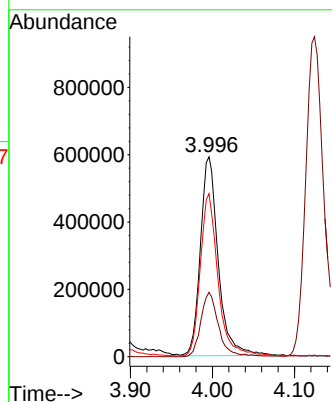
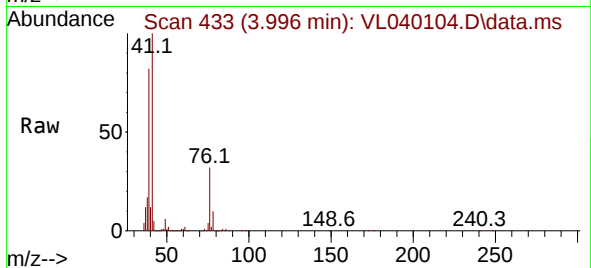
39 80.9 66.8 100.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#22

trans-1,2-Dichloroethene

Concen: 10.487 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

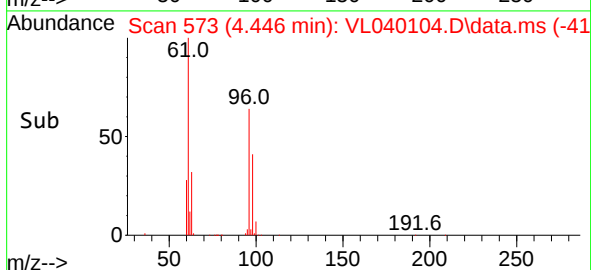
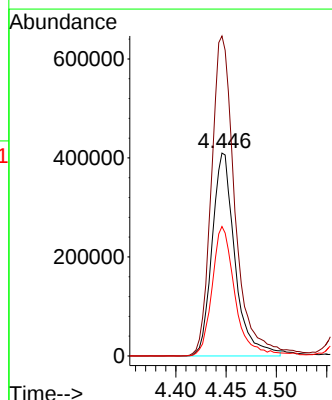
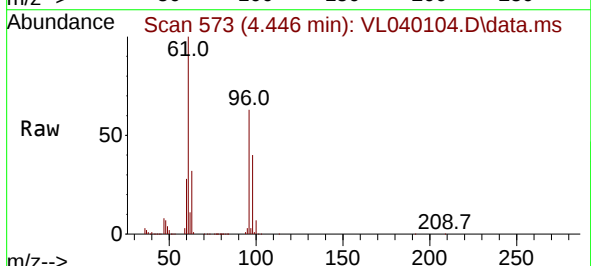
Tgt Ion: 96 Resp: 649677

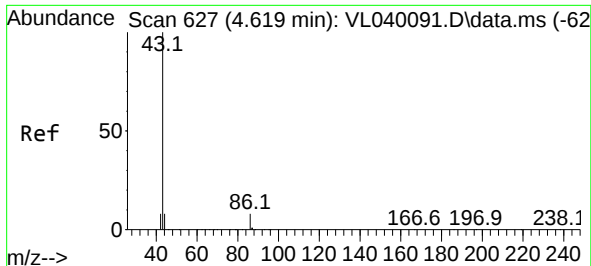
Ion Ratio Lower Upper

96 100

61 157.7 125.8 188.8

98 63.8 47.4 71.2





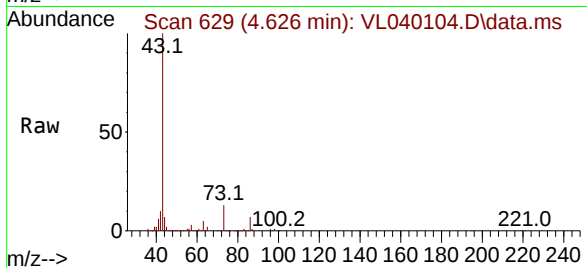
#23
 Vinyl Acetate
 Concen: 10.795 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: VL040104.D
 Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

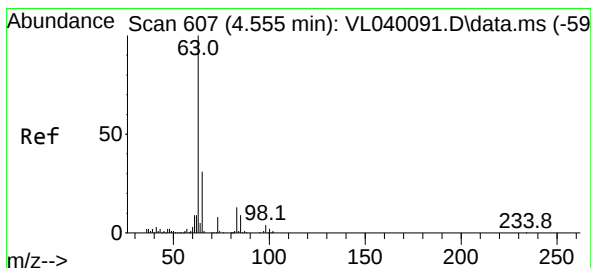
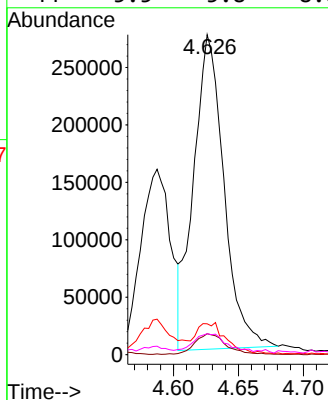
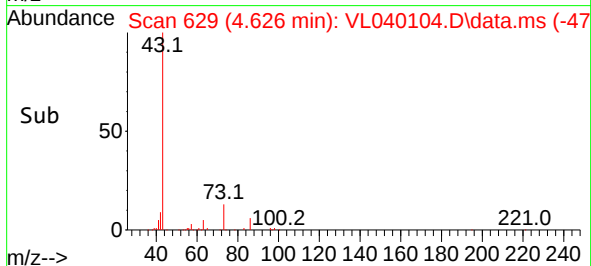


Tgt Ion: 43 Resp: 445194
 Ion Ratio Lower Upper
 43 100
 86 6.5 5.6 8.4
 42 9.3 7.7 11.5
 44 5.5 5.8 8.8#

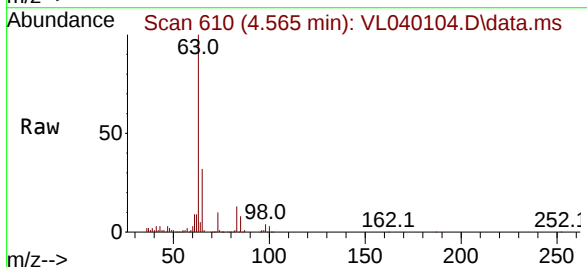
Manual Integrations

APPROVED

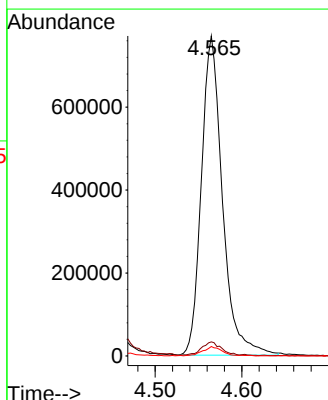
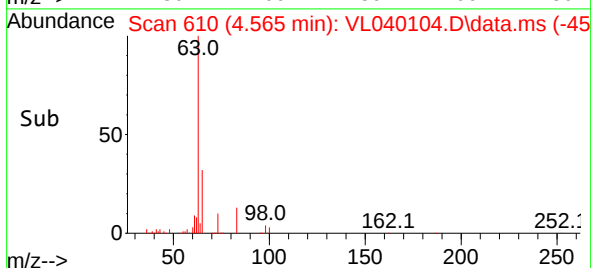
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

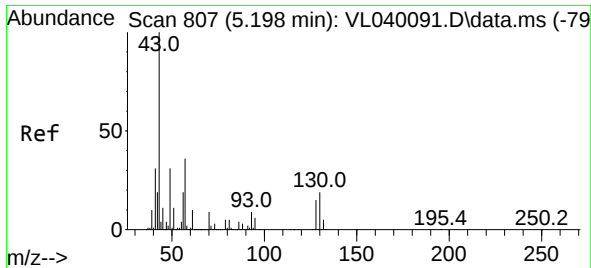


#24
 1,1-Dichloroethane
 Concen: 10.414 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.010 min
 Lab File: VL040104.D
 Acq: 17 Jan 2023 8:22



Tgt Ion: 63 Resp: 1300526
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.0 5.8
 100 2.9 1.1 3.5





#25

Ethyl Acetate

Concen: 10.475 ppbv

RT: 5.208 min Scan# 810

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2347839

Ion Ratio Lower Upper

43 100

45 10.5 8.5 12.7

61 10.5 8.4 12.6

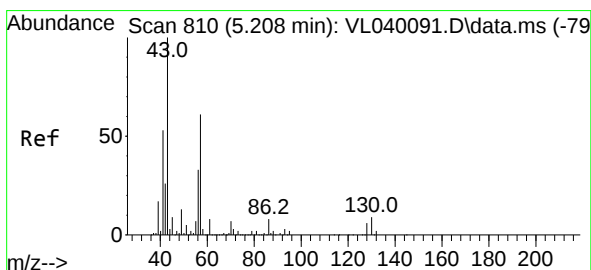
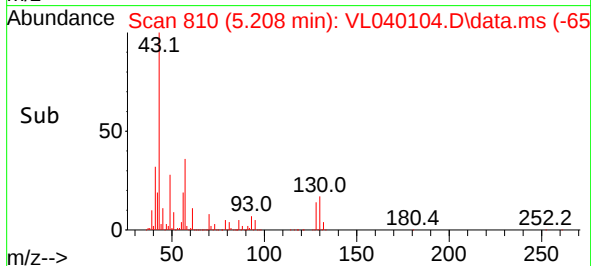
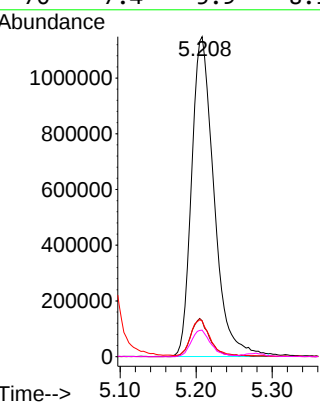
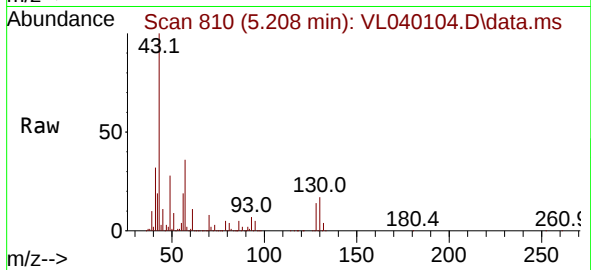
70 7.4 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#26

Hexane

Concen: 10.131 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.006 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Tgt Ion: 57 Resp: 993771

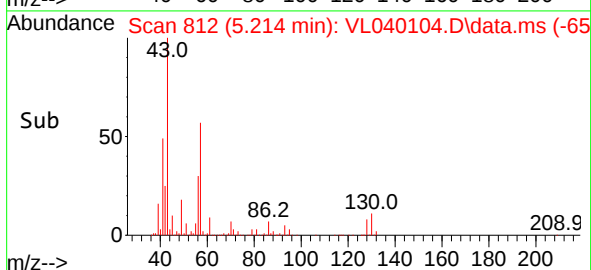
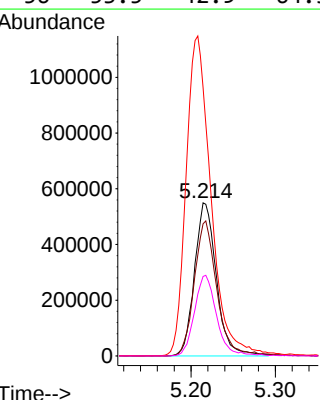
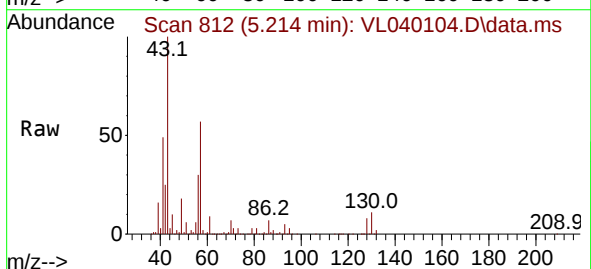
Ion Ratio Lower Upper

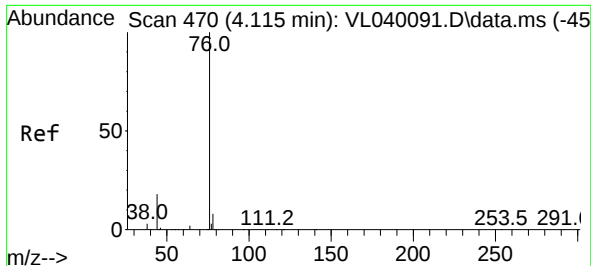
57 100

41 91.8 72.2 108.4

43 238.0 192.1 288.1

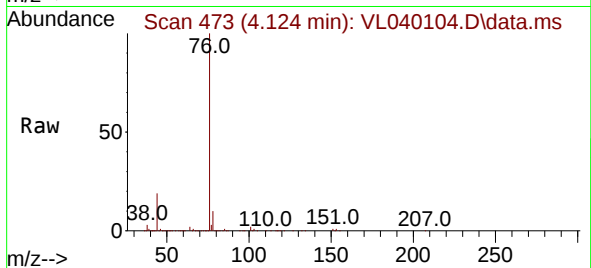
56 53.5 42.9 64.3





#27
Carbon Disulfide
Concen: 12.198 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

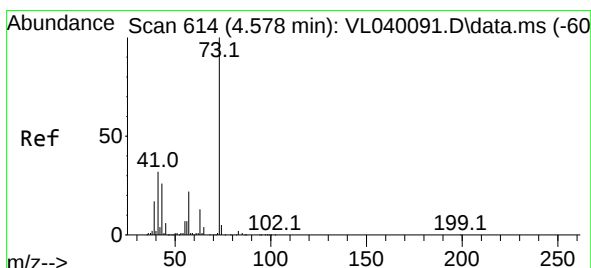
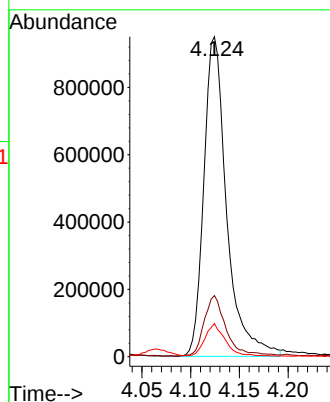
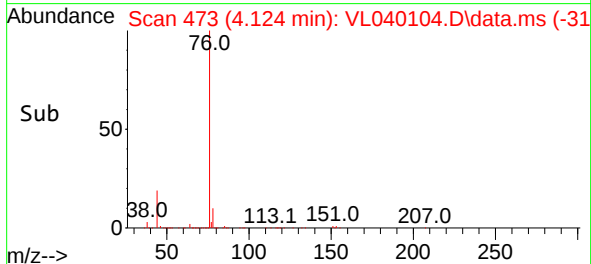
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 155002
Ion Ratio Lower Upper
76 100
44 18.7 14.9 22.3
78 10.0 8.2 12.2

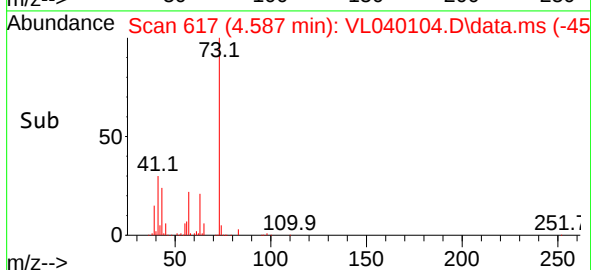
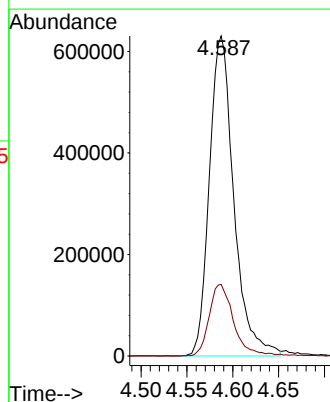
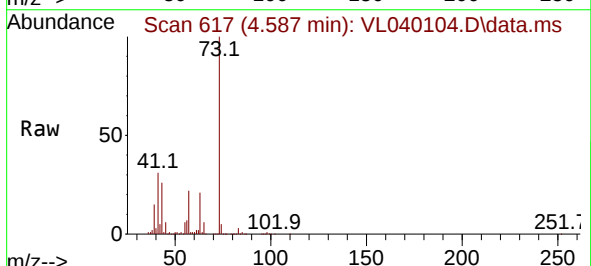
Manual Integrations
APPROVED

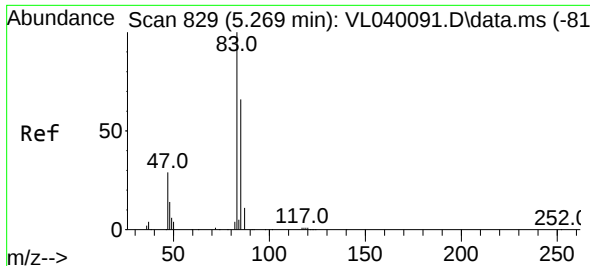
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#28
Methyl tert-Butyl Ether
Concen: 10.593 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

Tgt Ion: 73 Resp: 1168955
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5





#29

Chloroform

Concen: 11.159 ppbv

RT: 5.279 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL040104.D

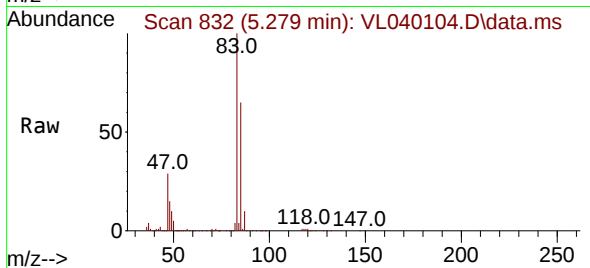
Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 83 Resp: 1750104

Ion Ratio Lower Upper

83 100

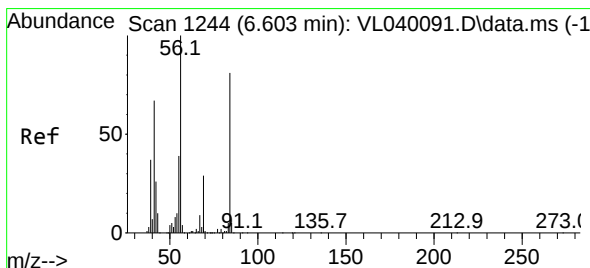
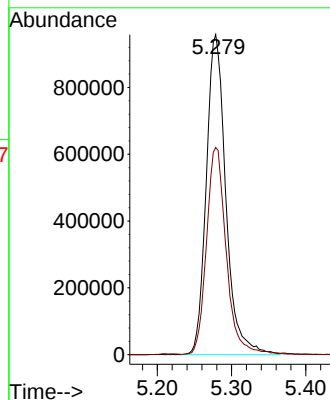
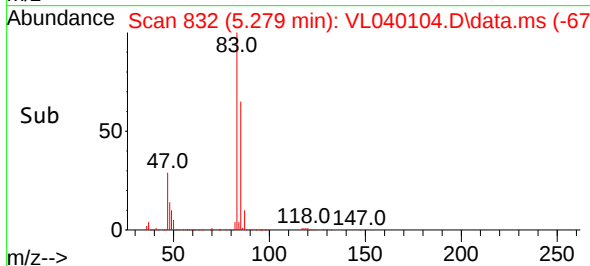
85 64.6 53.1 79.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#30

Cyclohexane

Concen: 11.229 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.006 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

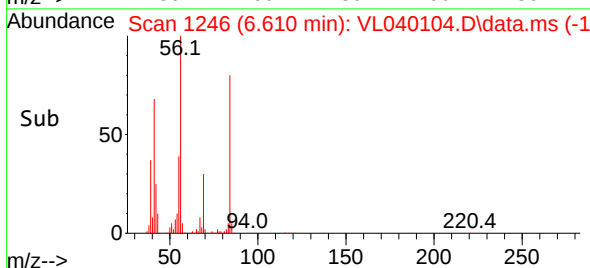
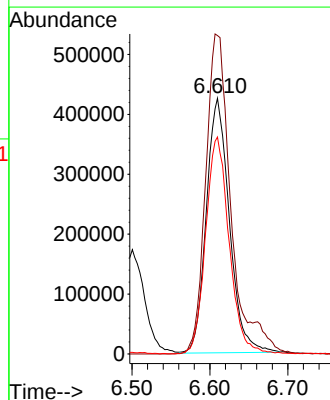
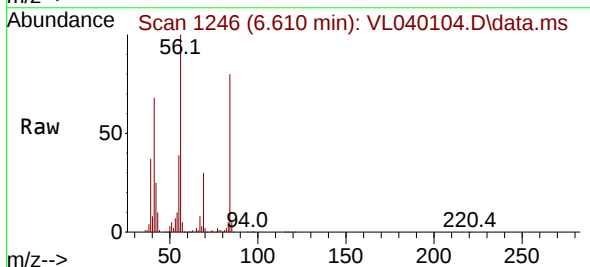
Tgt Ion: 84 Resp: 875571

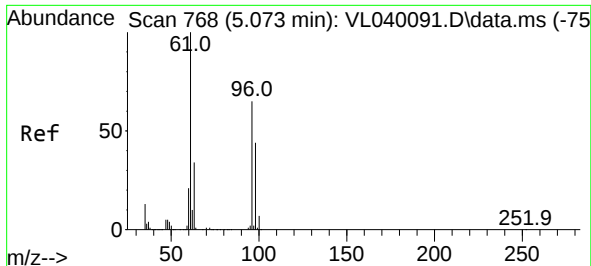
Ion Ratio Lower Upper

84 100

56 138.4 111.5 167.3

41 86.9 71.4 107.0





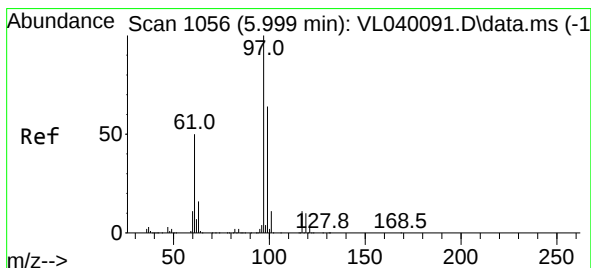
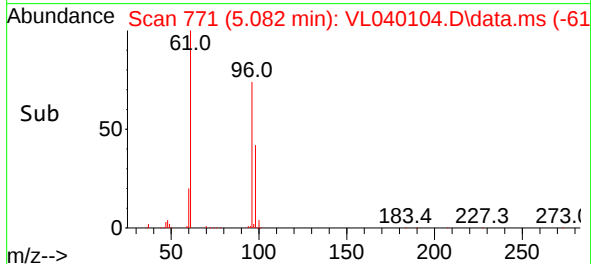
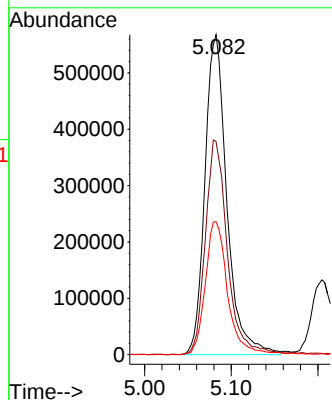
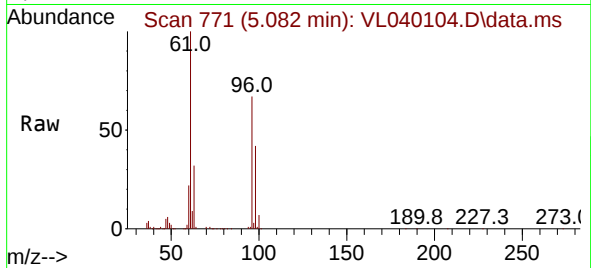
#31
 cis-1,2-Dichloroethene
 Concen: 10.520 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL040104.D
 Acq: 17 Jan 2023 8:22

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 61 Resp: 998983
 Ion Ratio Lower Upper
 61 100
 96 66.6 52.0 78.0
 98 41.5 35.3 52.9

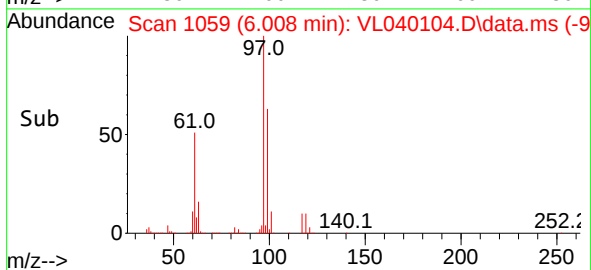
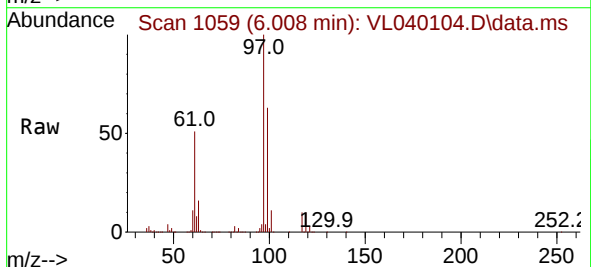
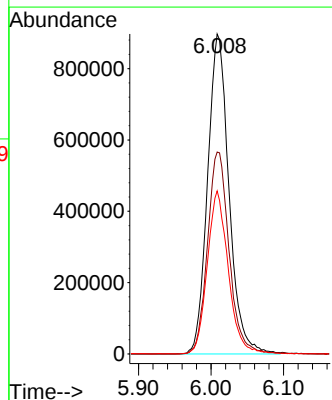
Manual Integrations
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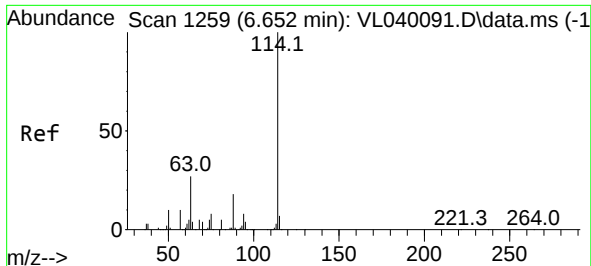
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#32
 1,1,1-Trichloroethane
 Concen: 11.542 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. 0.010 min
 Lab File: VL040104.D
 Acq: 17 Jan 2023 8:22

Tgt Ion: 97 Resp: 1839825
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.8 77.6
 61 50.2 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 2844830

Ion Ratio Lower Upper

114 100

63 26.4 21.8 32.8

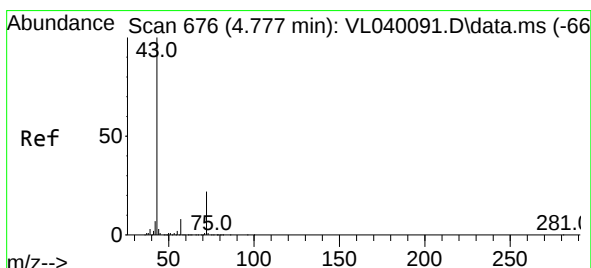
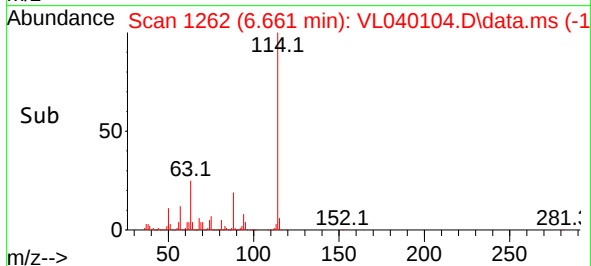
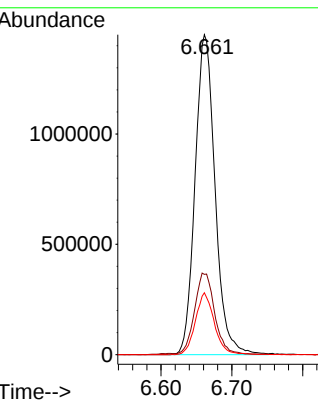
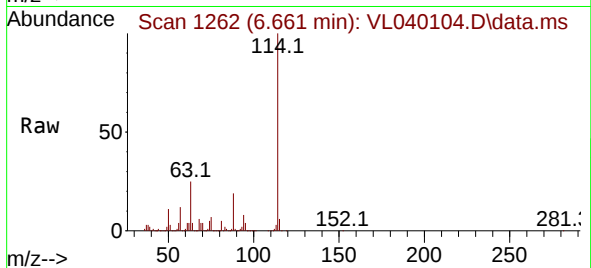
88 18.4 14.8 22.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#34

2-Butanone

Concen: 10.459 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.010 min

Lab File: VL040104.D

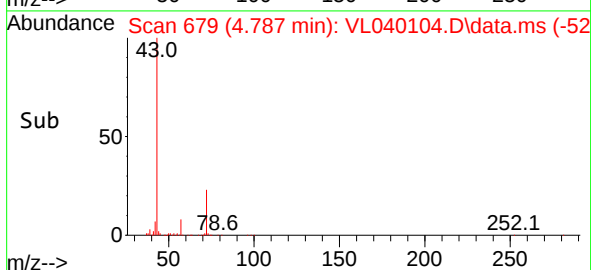
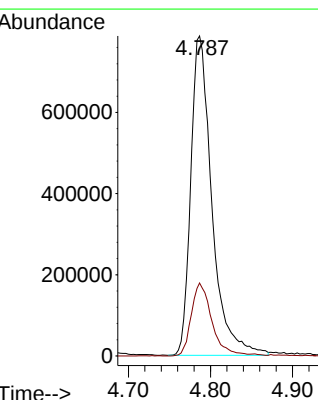
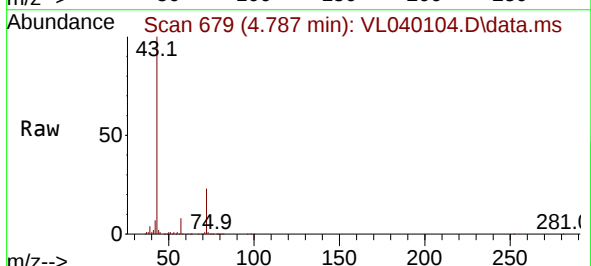
Acq: 17 Jan 2023 8:22

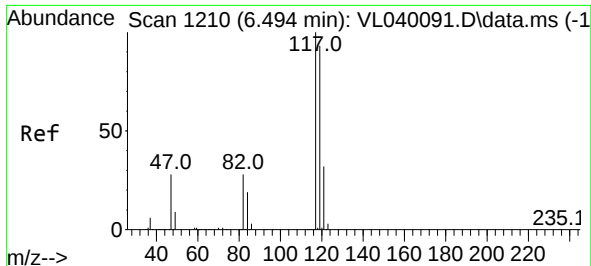
Tgt Ion: 43 Resp: 1407460

Ion Ratio Lower Upper

43 100

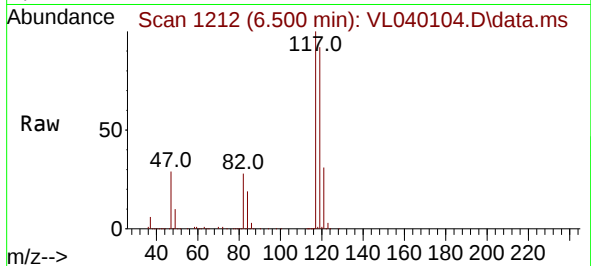
72 22.9 18.4 27.6





#35
Carbon Tetrachloride
Concen: 11.852 ppbv
RT: 6.500 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

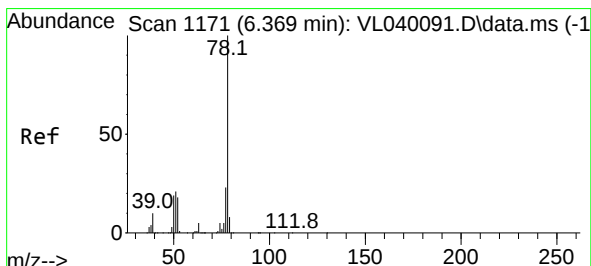
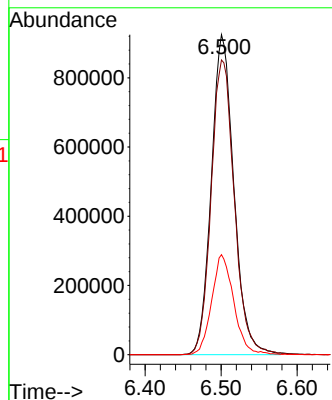
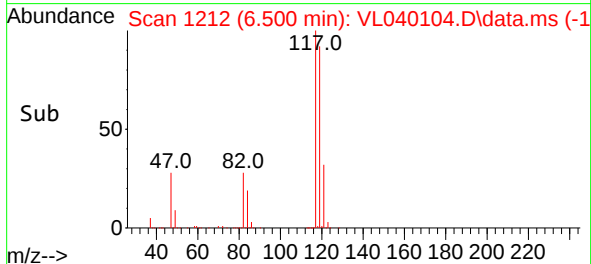
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 190648
Ion Ratio Lower Upper
117 100
119 92.1 74.5 111.7
121 31.3 25.4 38.0

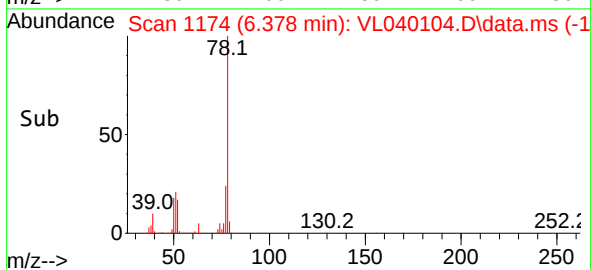
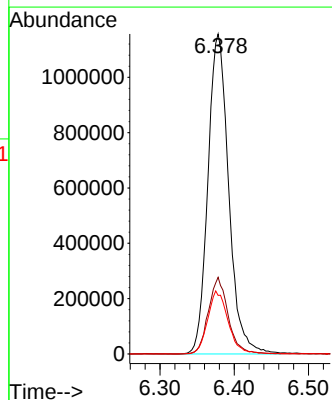
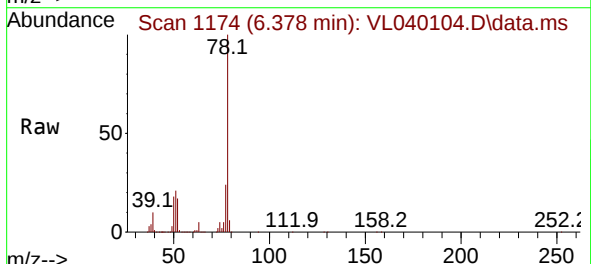
Manual Integrations
APPROVED

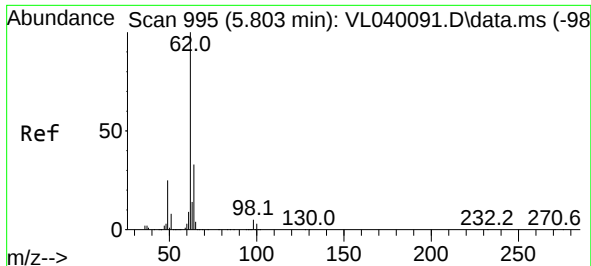
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#36
Benzene
Concen: 10.666 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

Tgt Ion: 78 Resp: 2245432
Ion Ratio Lower Upper
78 100
77 24.0 18.1 27.1
50 18.3 15.6 23.4





#37

1,2-Dichloroethane

Concen: 10.428 ppbv

RT: 5.812 min Scan# 995

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 141111

Ion Ratio Lower Upper

62 100

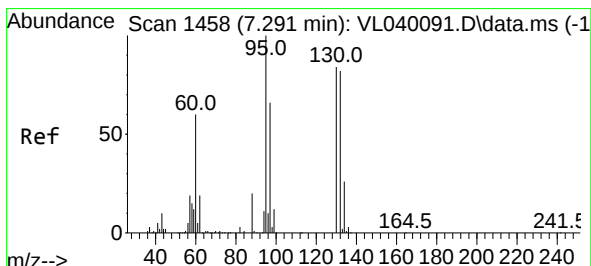
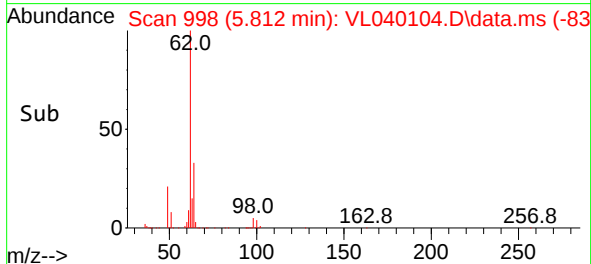
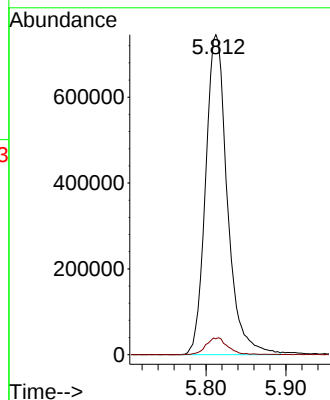
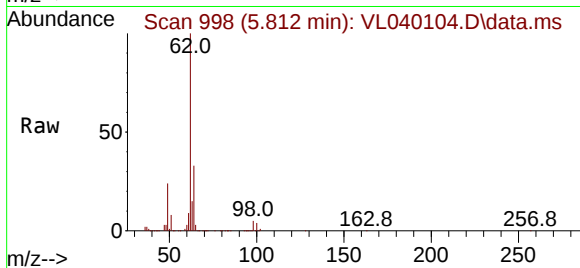
98 5.4 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#38

Trichloroethene

Concen: 11.139 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Tgt Ion:130 Resp: 1330871

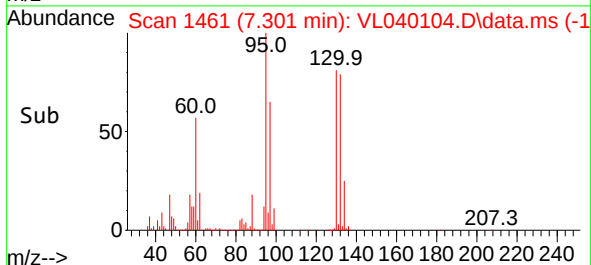
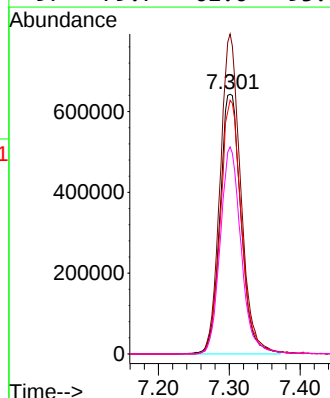
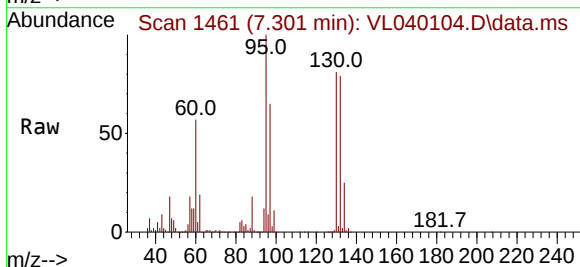
Ion Ratio Lower Upper

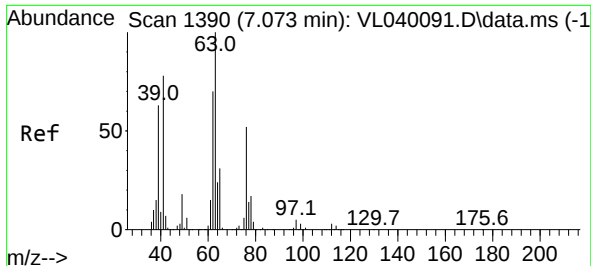
130 100

95 123.2 95.0 142.6

132 97.7 77.9 116.9

97 79.7 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.528 ppbv

RT: 7.082 min Scan# 1461

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

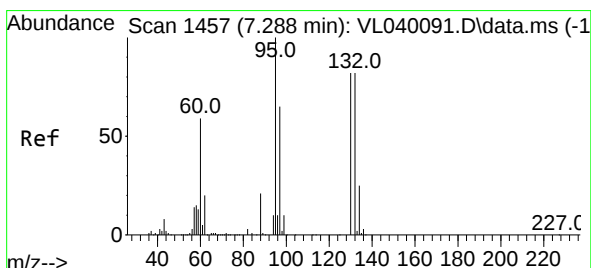
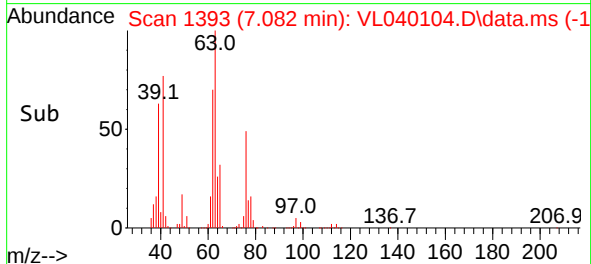
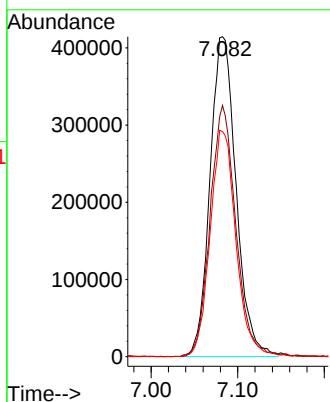
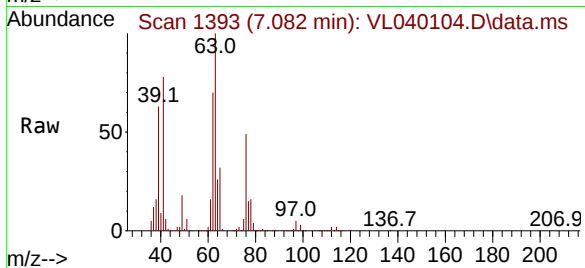
Tgt Ion: 63 Resp: 86692

Ion	Ratio	Lower	Upper
63	100		
41	78.5	62.2	93.4
62	70.2	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#40

1,4-Dioxane

Concen: 9.969 ppbv

RT: 7.301 min Scan# 1461

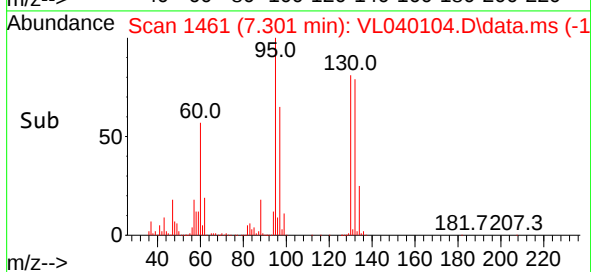
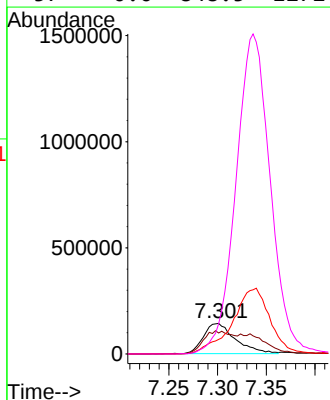
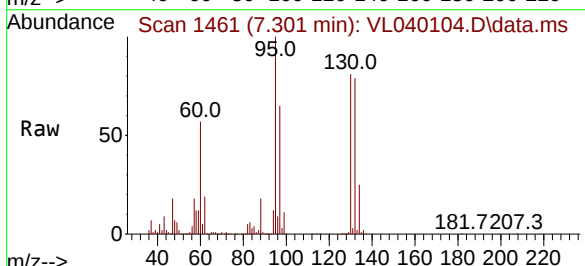
Delta R.T. 0.013 min

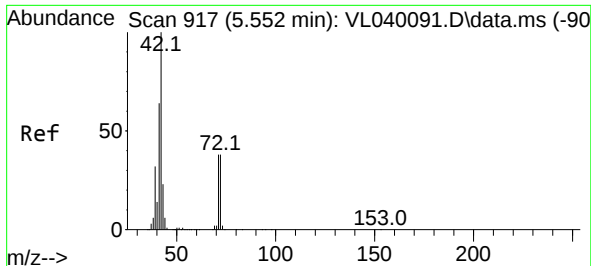
Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Tgt Ion: 88 Resp: 325787

Ion	Ratio	Lower	Upper
88	100		
58	129.1	97.5	146.3
43	0.0	195.0	292.4#
57	0.0	848.5	1272.7#





#41

Tetrahydrofuran

Concen: 11.038 ppbv

RT: 5.562 min Scan# 917

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

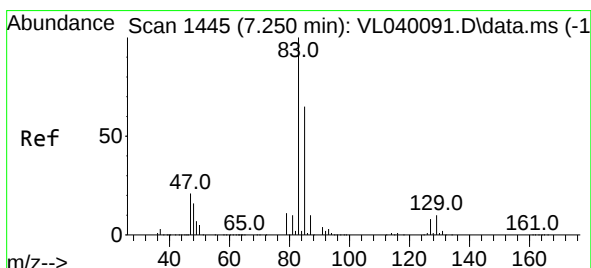
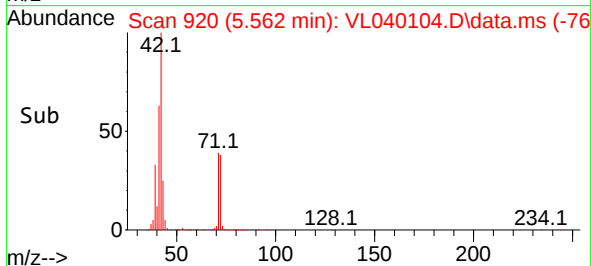
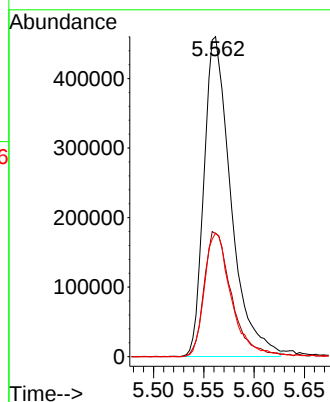
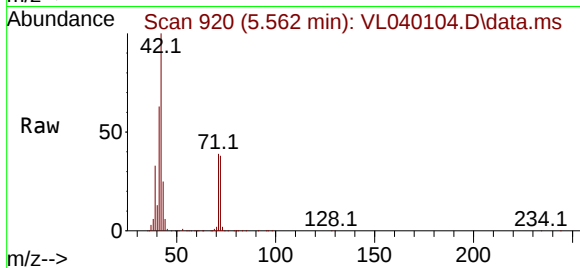
VSTDCCC010EC

Tgt Ion: 42 Resp: 857298
 Ion Ratio Lower Upper
 42 100
 72 40.4 31.9 47.9
 71 39.1 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#42

Bromodichloromethane

Concen: 10.944 ppbv

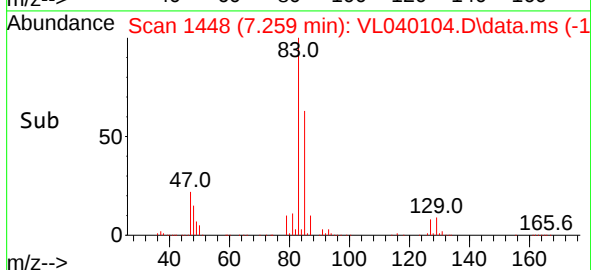
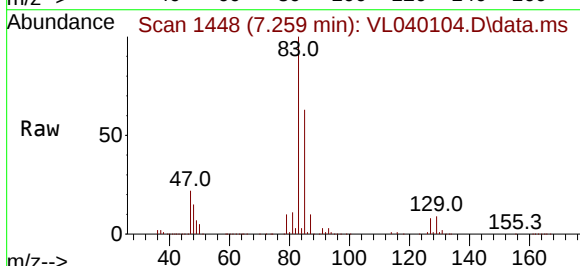
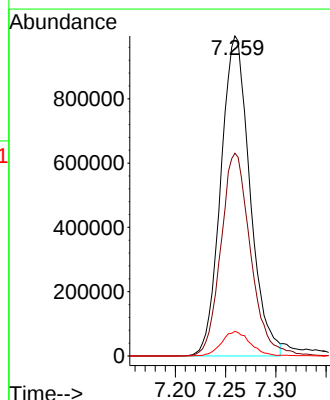
RT: 7.259 min Scan# 1448

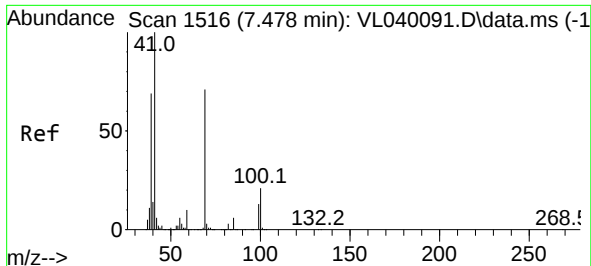
Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

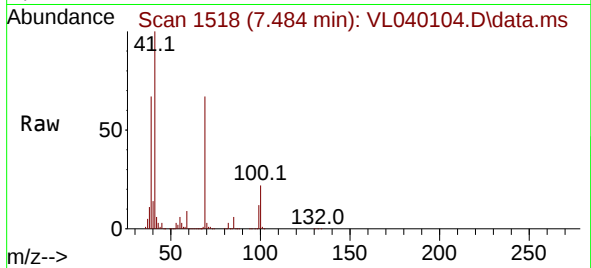
Tgt Ion: 83 Resp: 1999781
 Ion Ratio Lower Upper
 83 100
 85 63.3 51.7 77.5
 127 7.7 6.2 9.2





#43
Methyl Methacrylate
Concen: 11.701 ppbv
RT: 7.484 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

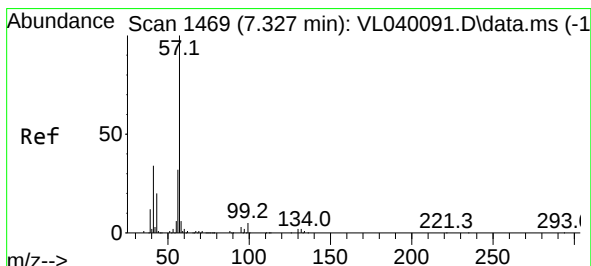
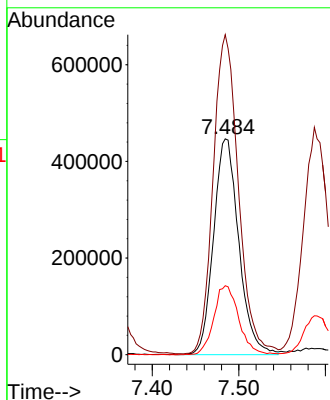
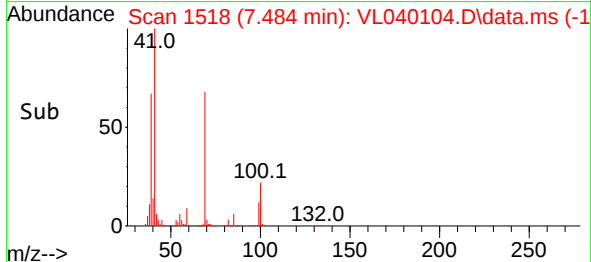
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



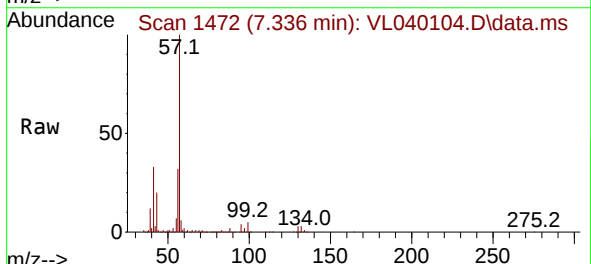
Tgt Ion: 69 Resp: 903970
Ion Ratio Lower Upper
69 100
41 148.9 118.2 177.2
100 31.6 24.2 36.4

Manual Integrations
APPROVED

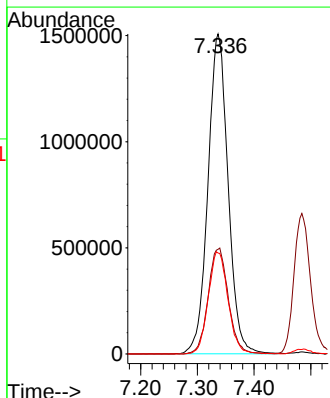
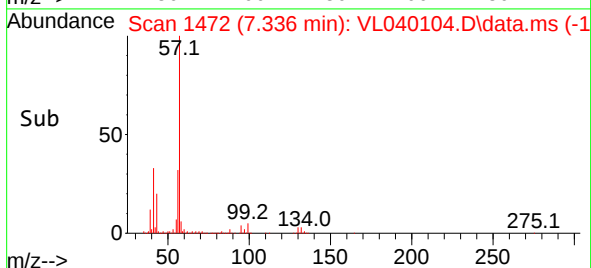
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

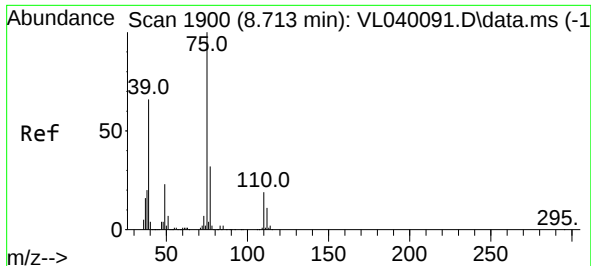


#44
2,2,4-Trimethylpentane
Concen: 10.617 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



Tgt Ion: 57 Resp: 3717180
Ion Ratio Lower Upper
57 100
41 33.2 27.1 40.7
56 31.4 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 12.797 ppbv

RT: 8.722 min Scan# 1900

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 88157

Ion Ratio Lower Upper

75 100

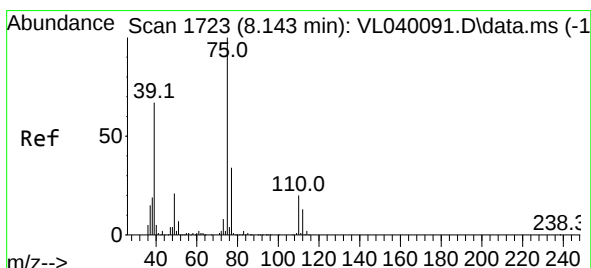
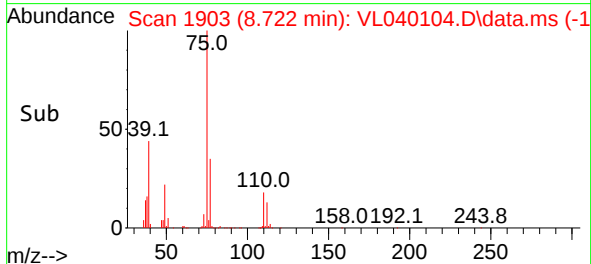
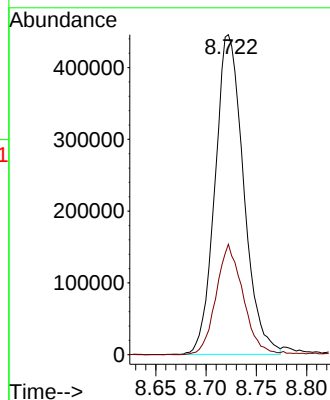
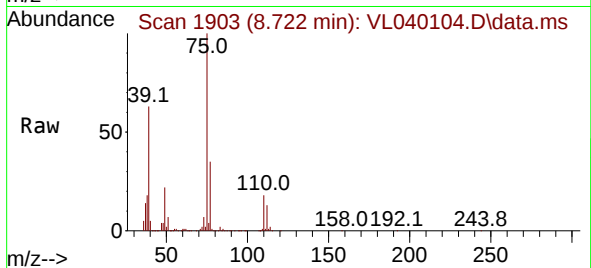
77 34.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#46

cis-1,3-Dichloropropene

Concen: 12.745 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

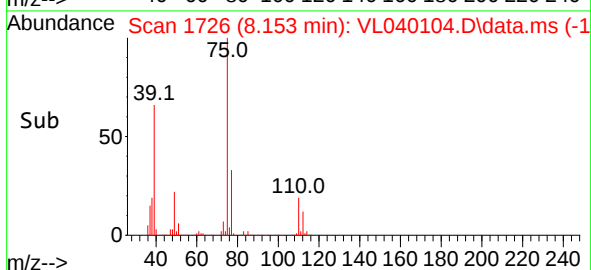
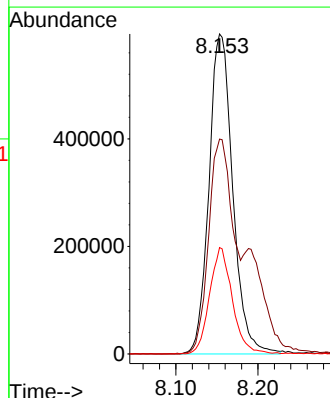
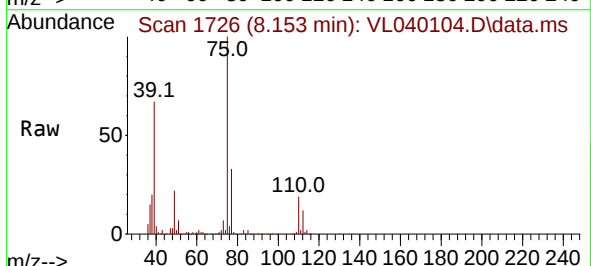
Tgt Ion: 75 Resp: 1199786

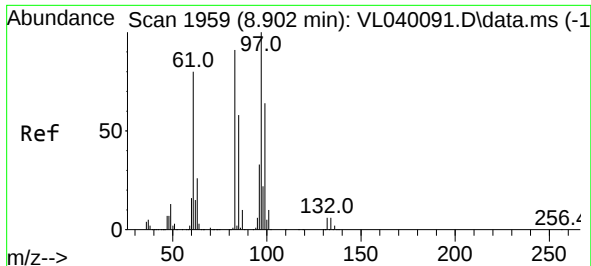
Ion Ratio Lower Upper

75 100

39 67.1 53.6 80.4

77 33.2 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 10.639 ppbv

RT: 8.912 min Scan# 1959

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 922352

Ion Ratio Lower Upper

97 100

83 91.3 72.9 109.3

85 59.9 46.0 69.0

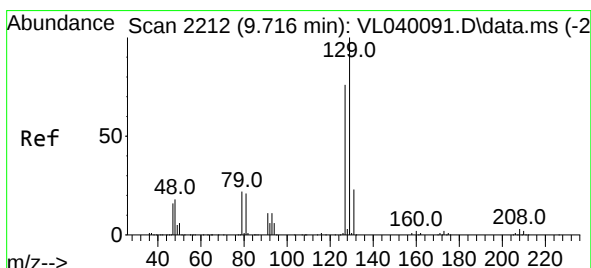
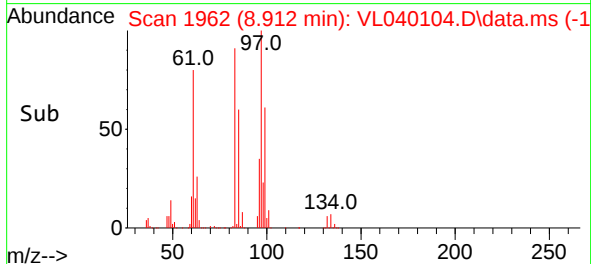
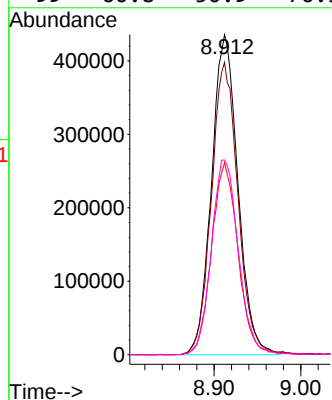
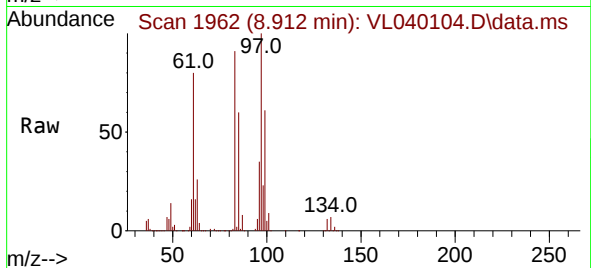
99 60.8 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#48

Dibromochloromethane

Concen: 11.600 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. 0.006 min

Lab File: VL040104.D

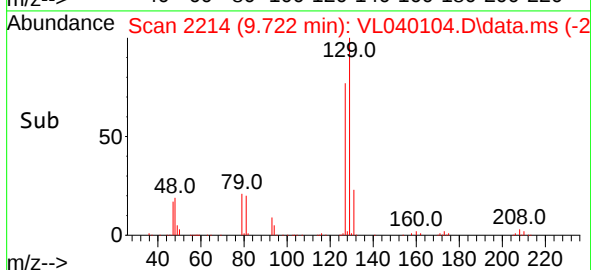
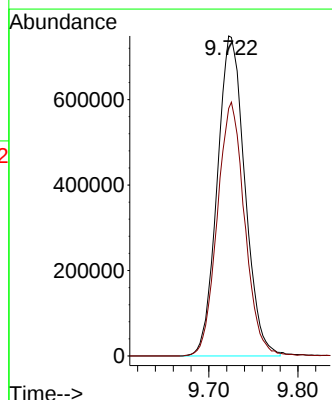
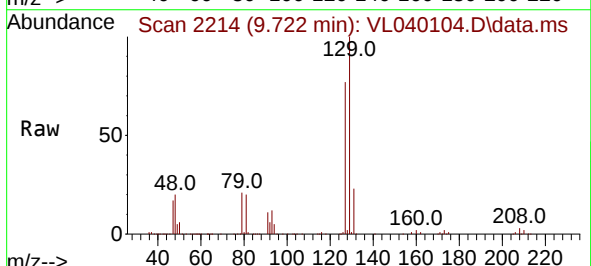
Acq: 17 Jan 2023 8:22

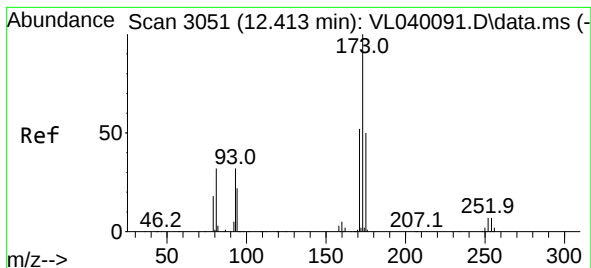
Tgt Ion:129 Resp: 1616444

Ion Ratio Lower Upper

129 100

127 78.8 39.3 117.9





#49

Bromoform

Concen: 11.670 ppbv

RT: 12.426 min Scan# 3051

Delta R.T. 0.013 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1252674

Ion Ratio Lower Upper

173 100

175 48.0 39.7 59.5

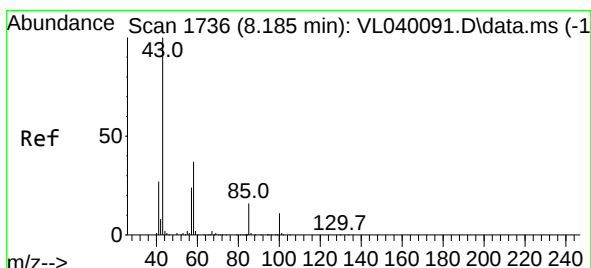
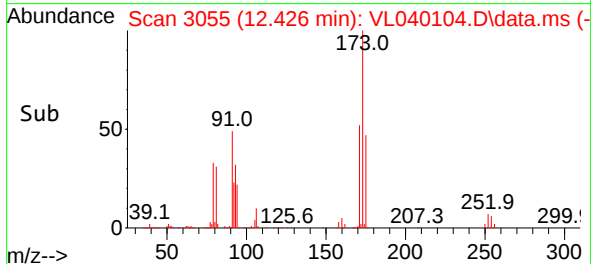
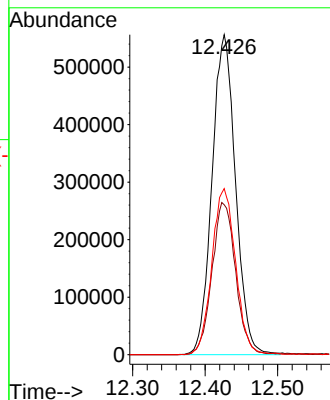
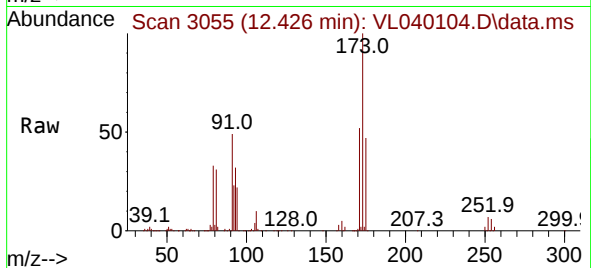
171 52.7 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#50

4-Methyl-2-Pentanone

Concen: 11.056 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.006 min

Lab File: VL040104.D

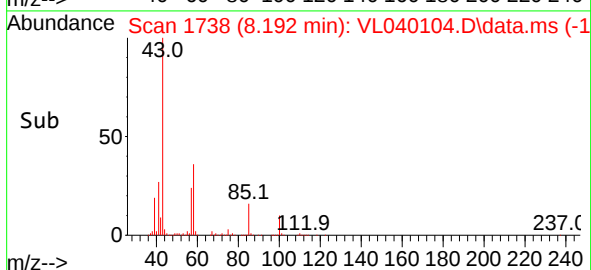
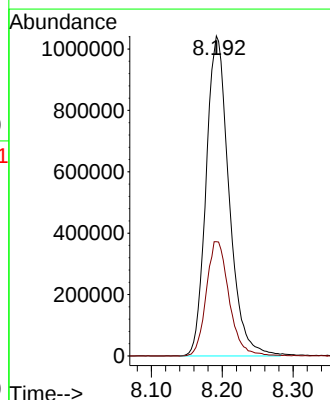
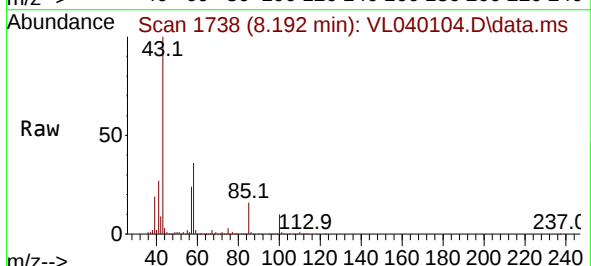
Acq: 17 Jan 2023 8:22

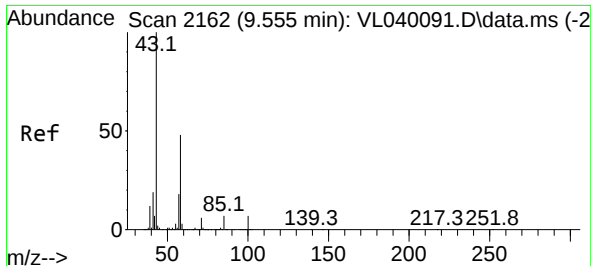
Tgt Ion: 43 Resp: 2340138

Ion Ratio Lower Upper

43 100

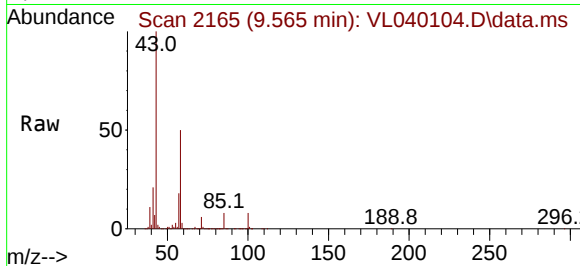
58 35.8 28.8 43.2





#51
2-Hexanone
Concen: 11.442 ppbv
RT: 9.565 min Scan# 2162
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

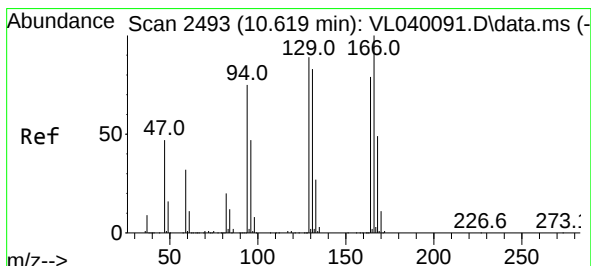
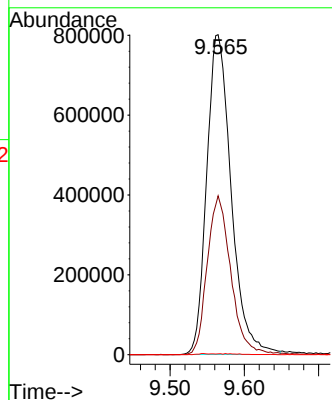
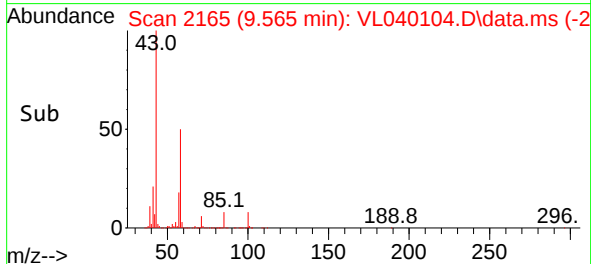
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



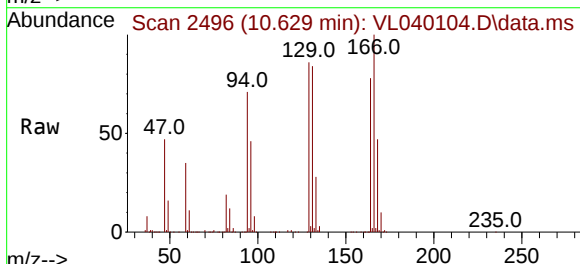
Tgt Ion: 43 Resp: 183484
Ion Ratio Lower Upper
43 100
58 48.2 37.5 56.3
98 0.3 0.4 0.6

Manual Integrations
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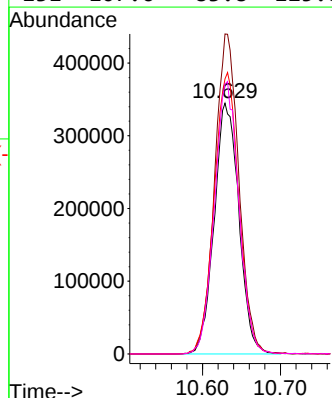
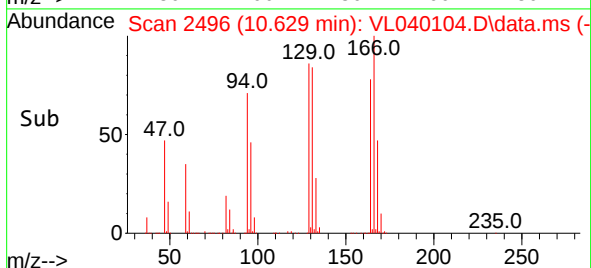
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

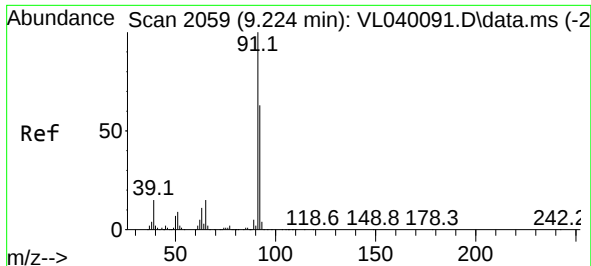


#52
Tetrachloroethene
Concen: 10.986 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



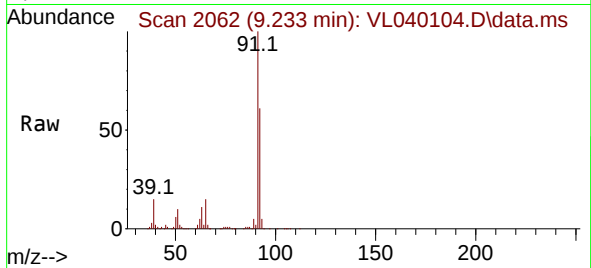
Tgt Ion:164 Resp: 756590
Ion Ratio Lower Upper
164 100
166 127.5 101.2 151.8
129 109.7 90.2 135.2
131 107.6 83.8 125.8





#53
Toluene
Concen: 11.260 ppbv
RT: 9.233 min Scan# 2059
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

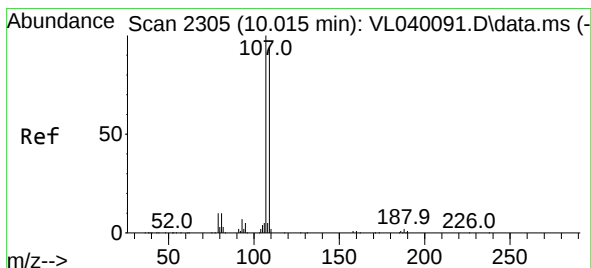
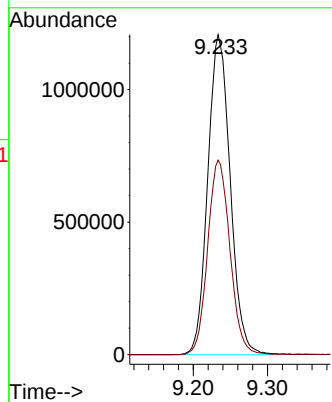
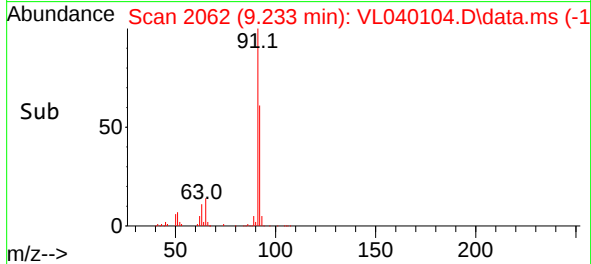
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



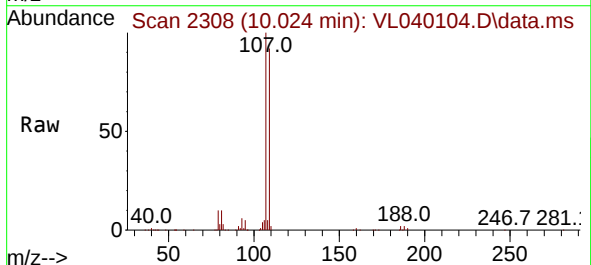
Tgt Ion: 91 Resp: 2528258
Ion Ratio Lower Upper
91 100
92 60.6 48.3 72.5

Manual Integrations
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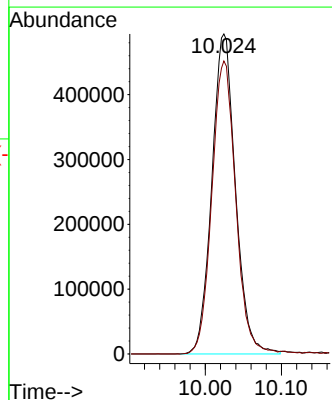
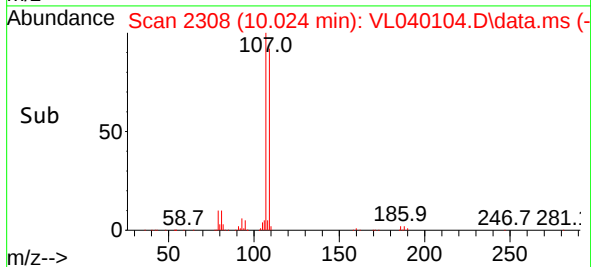
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

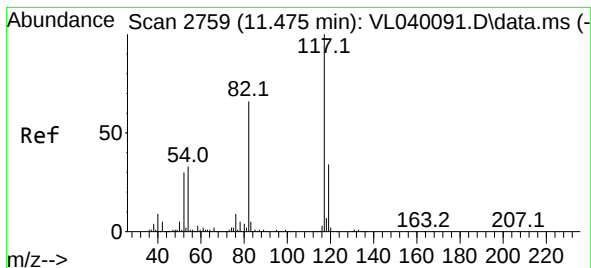


#54
1,2-Dibromoethane
Concen: 11.739 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



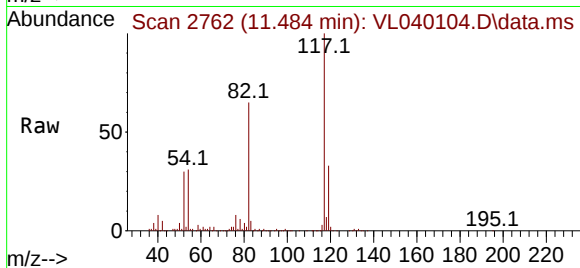
Tgt Ion:107 Resp: 1065531
Ion Ratio Lower Upper
107 100
109 91.5 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.484 min Scan# 2759
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

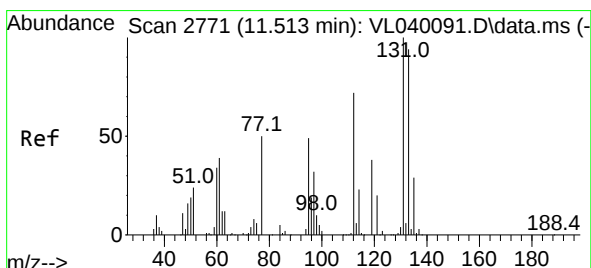
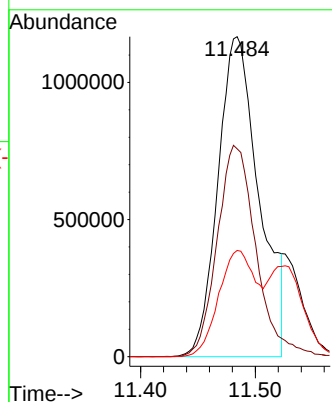
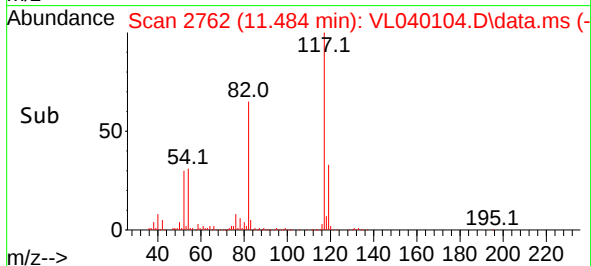
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



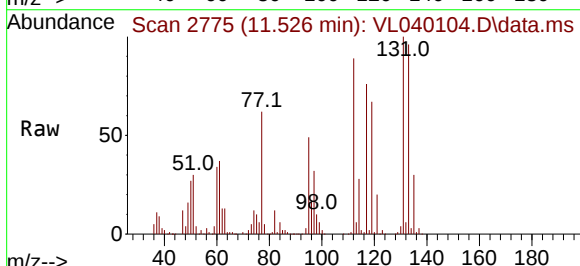
Tgt Ion:117 Resp: 2905229
Ion Ratio Lower Upper
117 100
82 62.8 54.4 81.6
119 32.4 26.8 40.2

Manual Integrations
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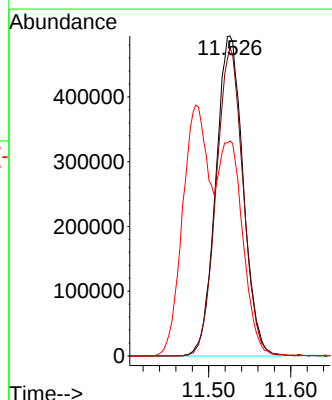
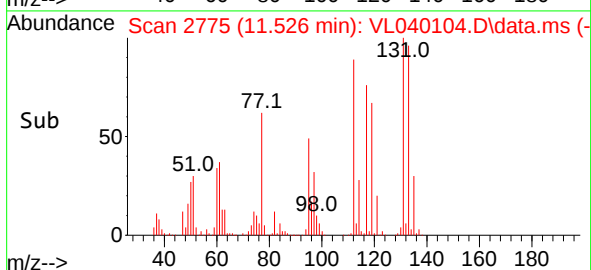
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

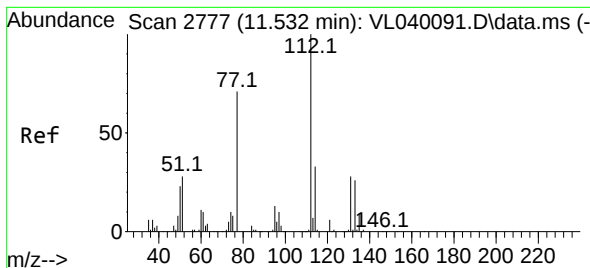


#56
1,1,1,2-Tetrachloroethane
Concen: 10.127 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.013 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



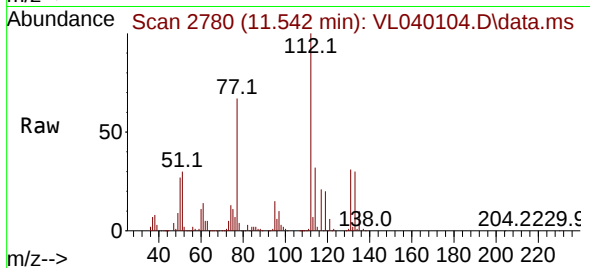
Tgt Ion:131 Resp: 1145084
Ion Ratio Lower Upper
131 100
133 94.9 75.6 113.4
119 65.5 47.2 70.8





#57
Chlorobenzene
Concen: 9.723 ppbv
RT: 11.542 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

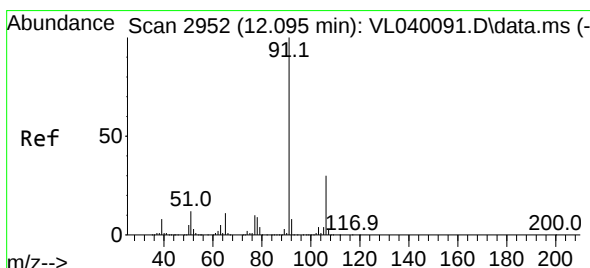
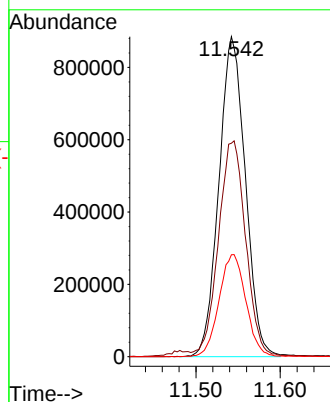
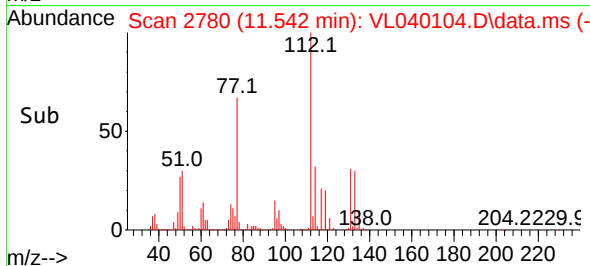
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 112 Resp: 1925530
Ion Ratio Lower Upper
112 100
77 66.3 57.3 85.9
114 31.8 29.6 36.2

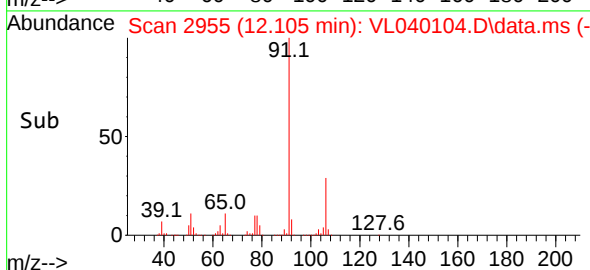
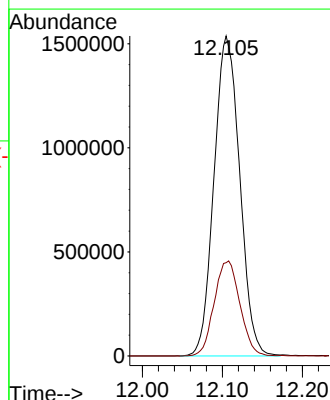
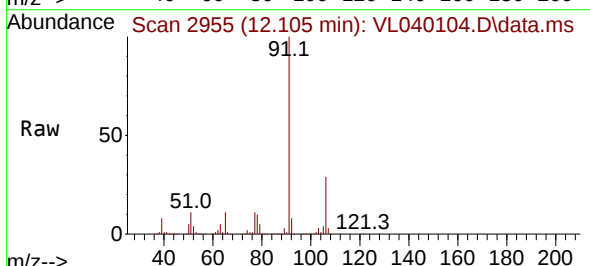
Manual Integrations
APPROVED

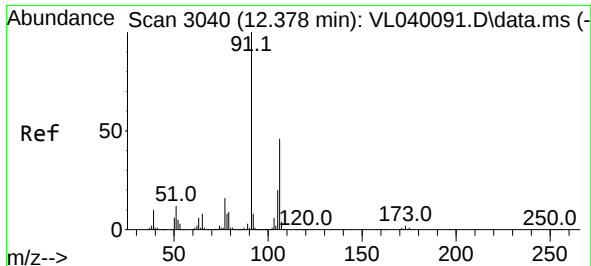
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#58
Ethyl Benzene
Concen: 10.575 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

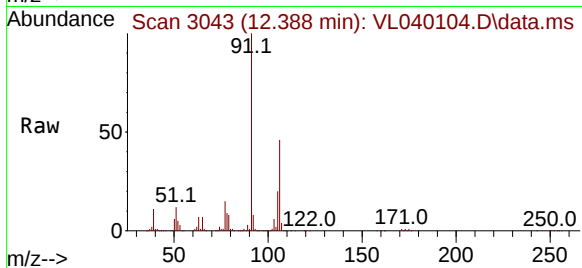
Tgt Ion: 91 Resp: 3428492
Ion Ratio Lower Upper
91 100
106 29.1 23.7 35.5





#59
m/p-Xylene
Concen: 20.184 ppbv m
RT: 12.388 min Scan# 3040
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

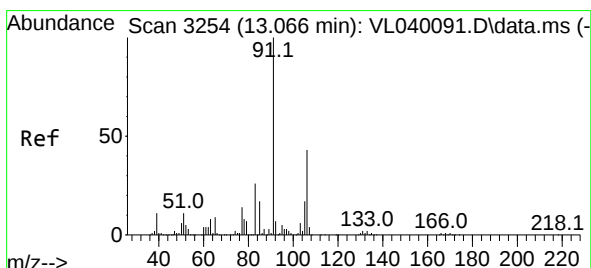
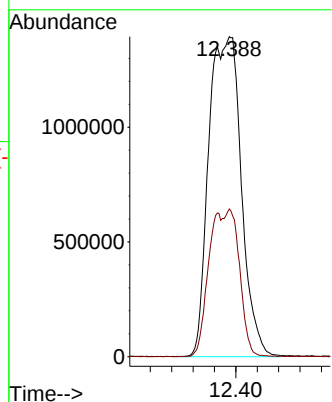
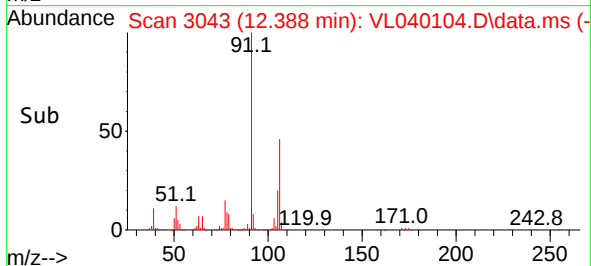
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



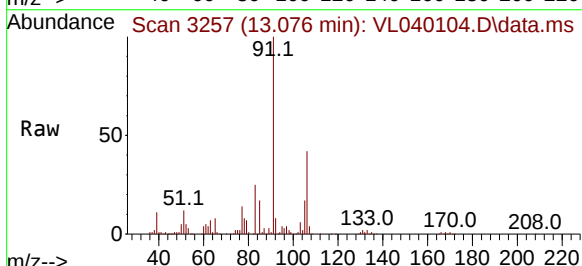
Tgt Ion: 91 Resp: 588368
Ion Ratio Lower Upper
91 100
106 42.9 34.2 51.4

Manual Integrations
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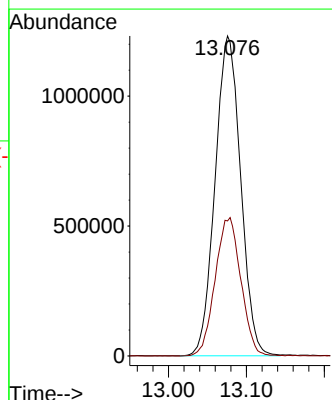
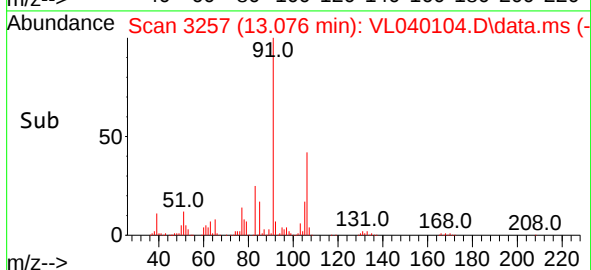
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

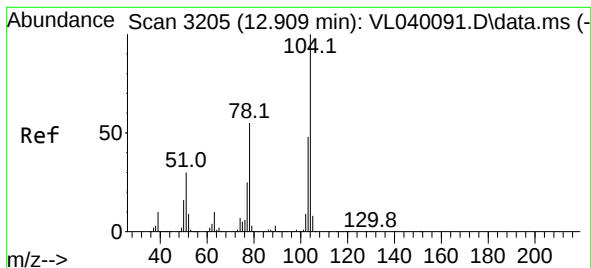


#60
o-Xylene
Concen: 10.148 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



Tgt Ion: 91 Resp: 2807902
Ion Ratio Lower Upper
91 100
106 43.6 21.6 64.8





#61

Styrene

Concen: 11.093 ppbv

RT: 12.915 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 159949

Ion Ratio Lower Upper

104 100

78 55.0 44.0 66.0

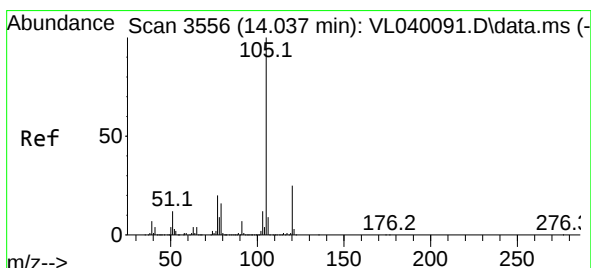
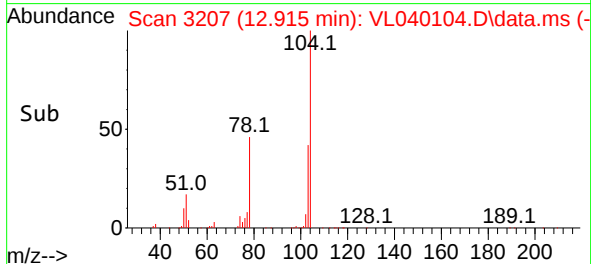
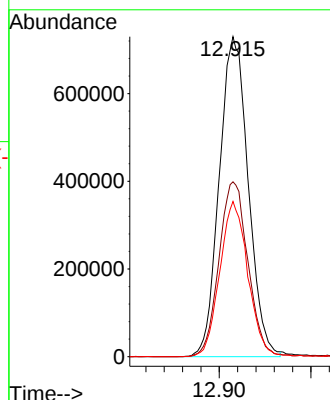
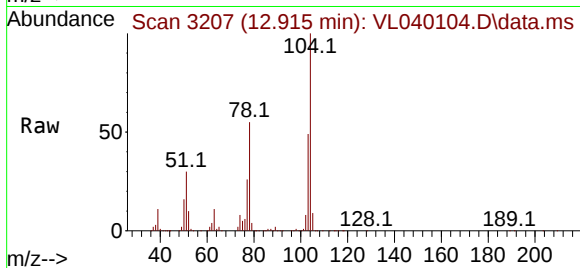
103 47.3 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#62

Isopropylbenzene

Concen: 9.817 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. 0.010 min

Lab File: VL040104.D

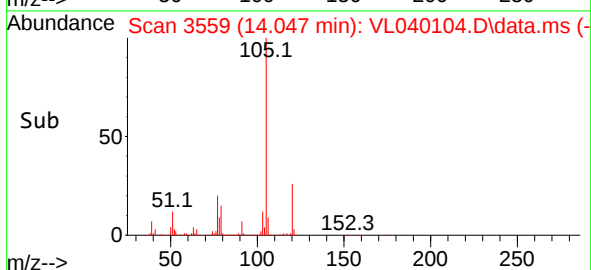
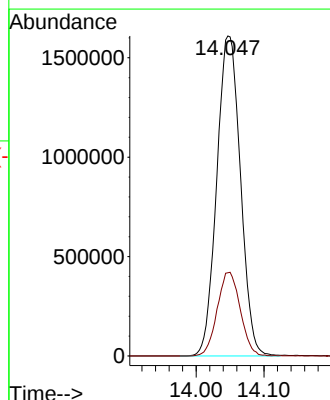
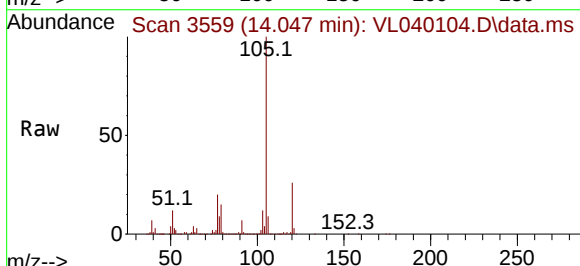
Acq: 17 Jan 2023 8:22

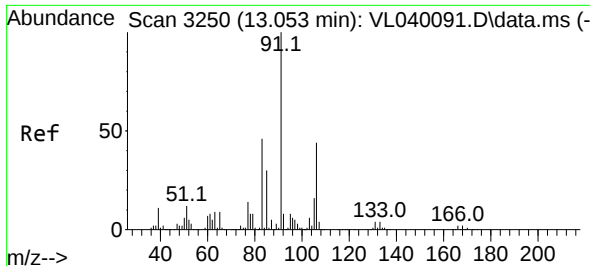
Tgt Ion:105 Resp: 3907250

Ion Ratio Lower Upper

105 100

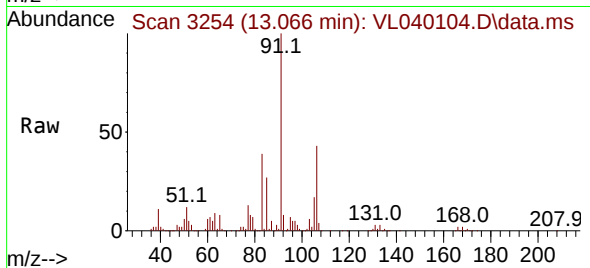
120 25.5 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 8.988 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

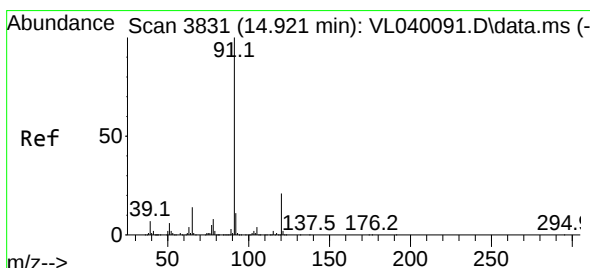
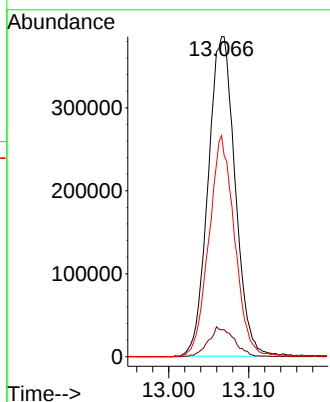
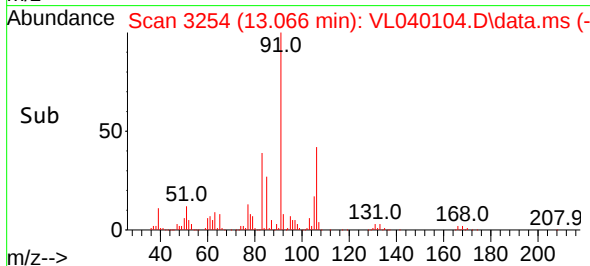
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



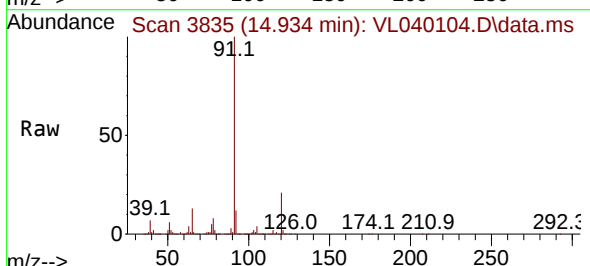
Tgt Ion: 83 Resp: 90304
Ion Ratio Lower Upper
83 100
131 8.9 4.3 13.1
85 65.8 32.5 97.5

Manual Integrations
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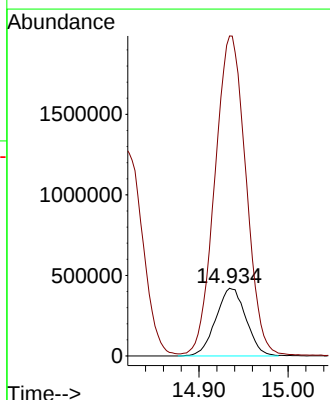
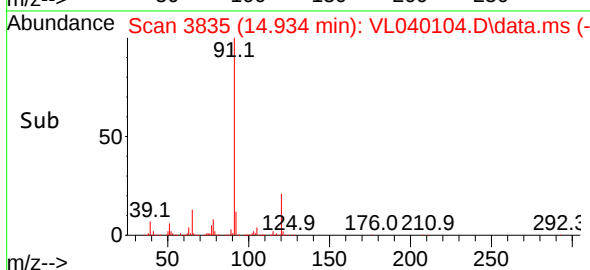
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

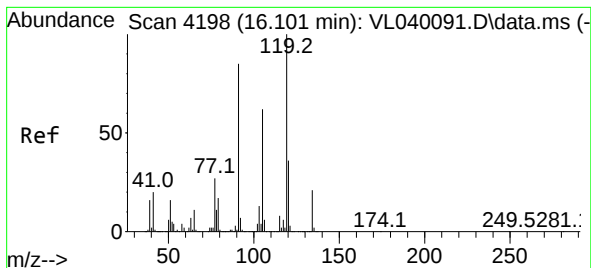


#64
n-propylbenzene
Concen: 9.956 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.013 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



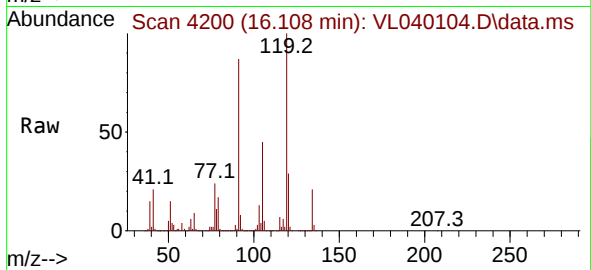
Tgt Ion:120 Resp: 985001
Ion Ratio Lower Upper
120 100
91 490.8 397.0 595.4





#65
tert-Butylbenzene
Concen: 9.749 ppbv
RT: 16.108 min Scan# 4198
Delta R.T. 0.006 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

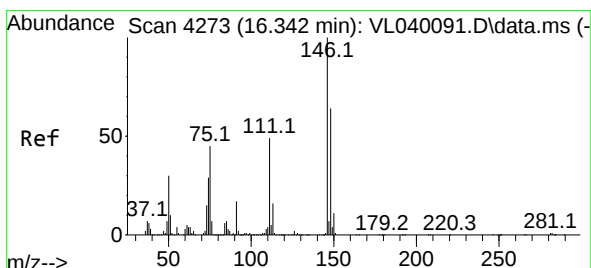
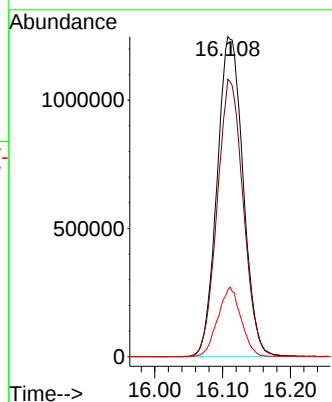
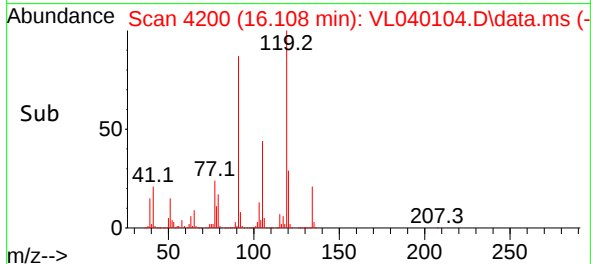
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



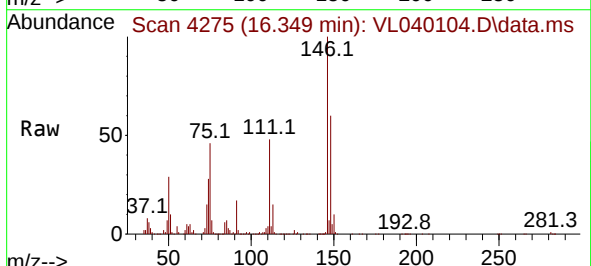
Tgt Ion: 119 Resp: 3321730
Ion Ratio Lower Upper
119 100
91 87.0 69.5 104.3
134 19.6 15.8 23.8

Manual Integrations
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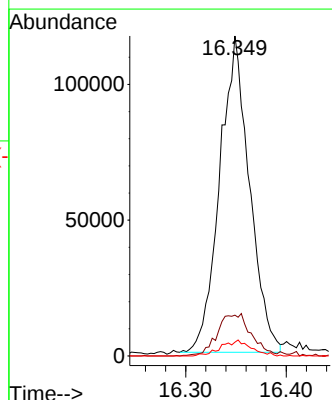
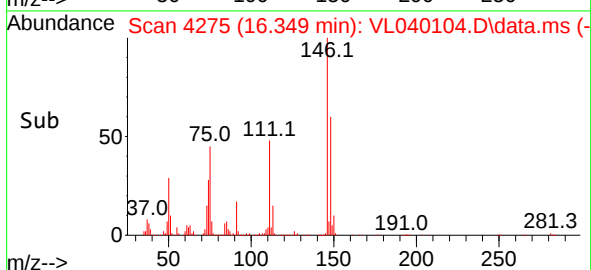
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

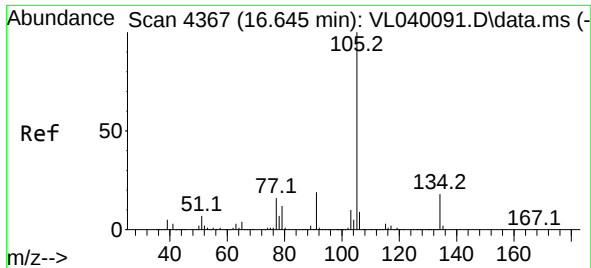


#66
Benzyl Chloride
Concen: 10.303 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.006 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



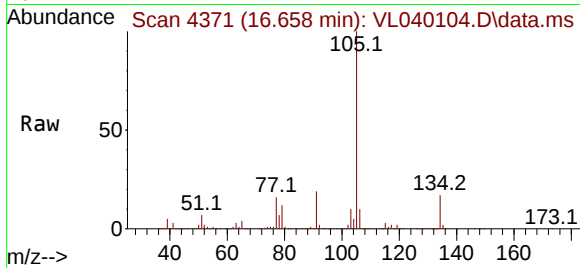
Tgt Ion: 91 Resp: 239918
Ion Ratio Lower Upper
91 100
126 15.8 11.5 17.3
128 5.1 0.0 0.0





#67
 sec-Butylbenzene
 Concen: 9.683 ppbv
 RT: 16.658 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040104.D
 Acq: 17 Jan 2023 8:22

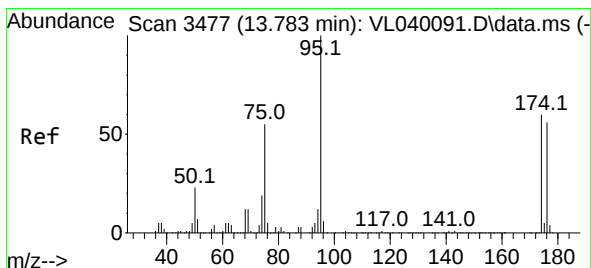
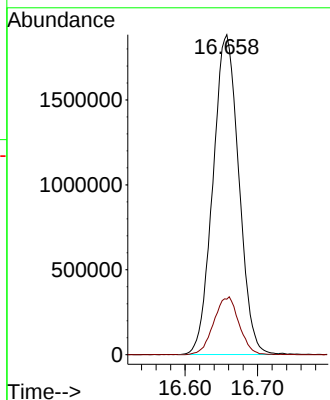
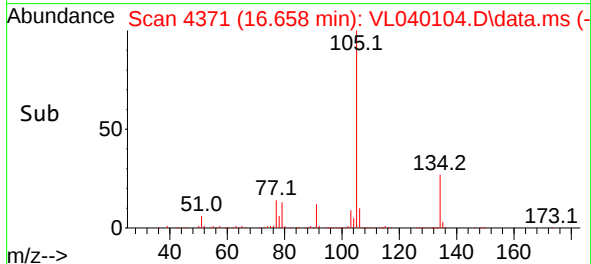
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 467766
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1

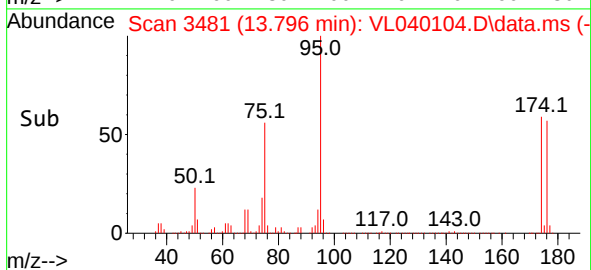
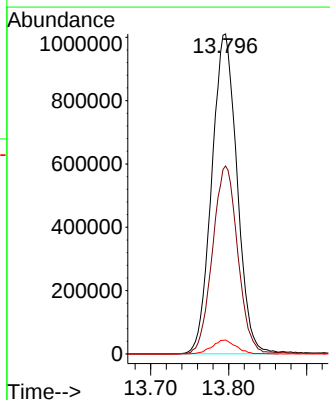
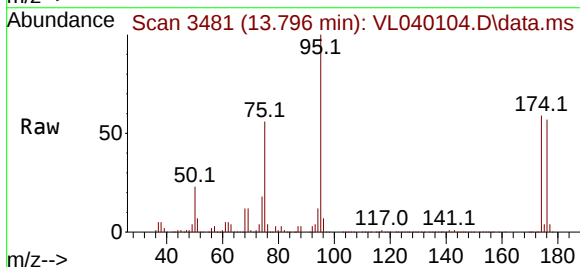
Manual Integrations
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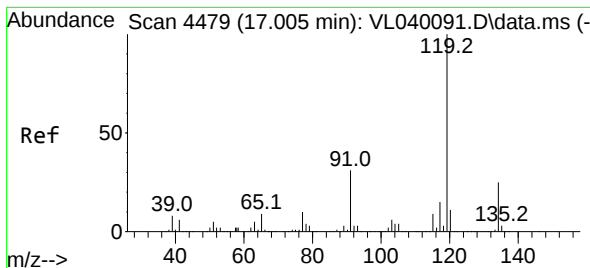
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.440 ppbv
 RT: 13.796 min Scan# 3481
 Delta R.T. 0.013 min
 Lab File: VL040104.D
 Acq: 17 Jan 2023 8:22

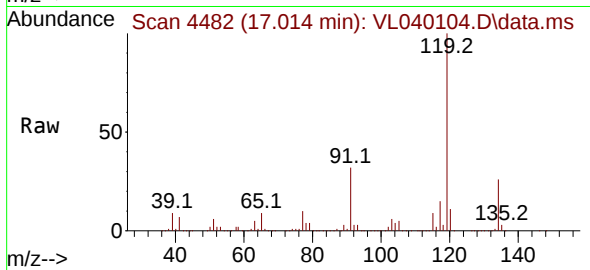
Tgt Ion: 95 Resp: 2279347
 Ion Ratio Lower Upper
 95 100
 174 59.4 47.7 71.5
 175 4.2 3.4 5.2





#69
p-Isopropyltoluene
Concen: 9.905 ppbv
RT: 17.014 min Scan# 4479
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

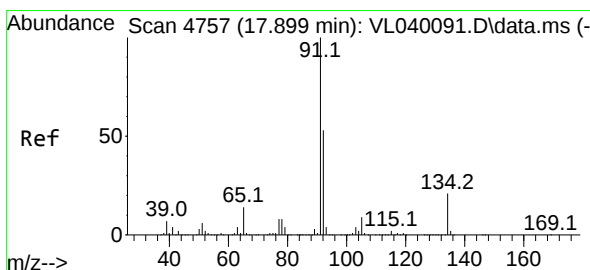
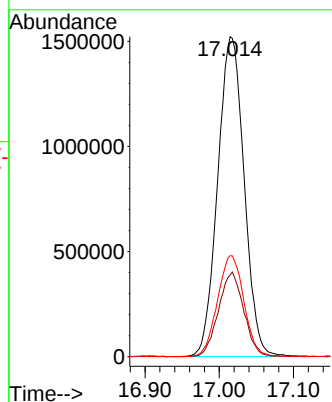
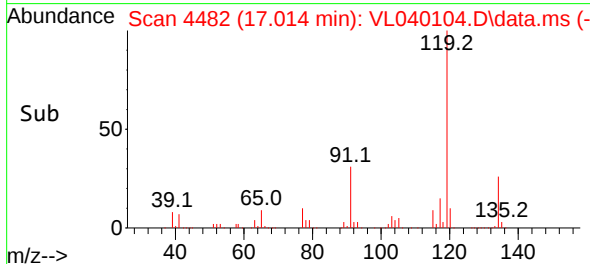
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



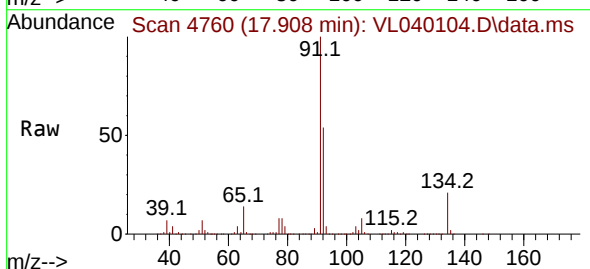
Tgt Ion:119 Resp: 375976
Ion Ratio Lower Upper
119 100
134 25.3 20.1 30.1
91 31.4 25.0 37.4

Manual Integrations
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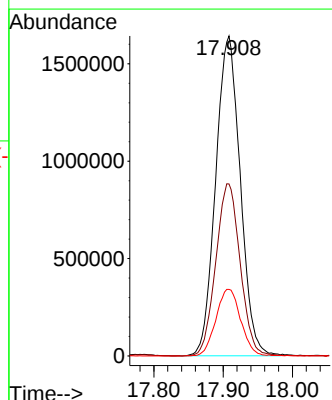
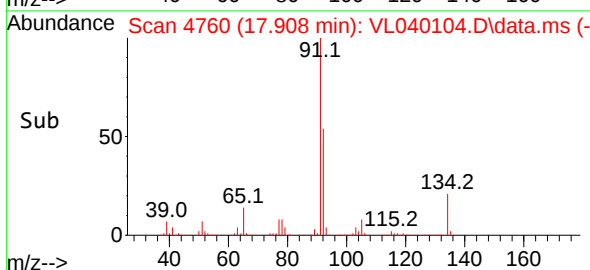
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

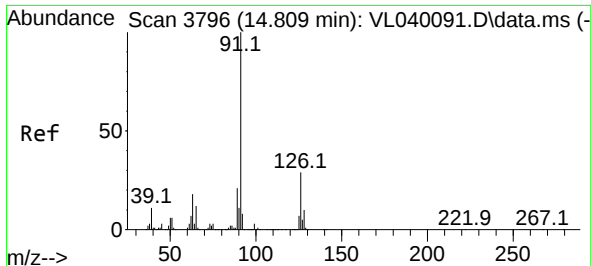


#70
n-Butylbenzene
Concen: 9.884 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



Tgt Ion: 91 Resp: 4046223
Ion Ratio Lower Upper
91 100
92 53.5 42.8 64.2
134 21.2 16.9 25.3





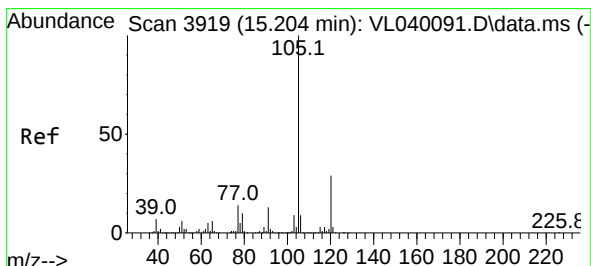
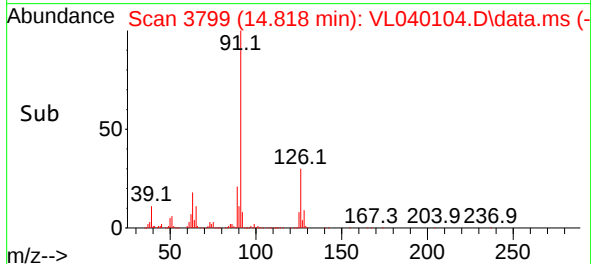
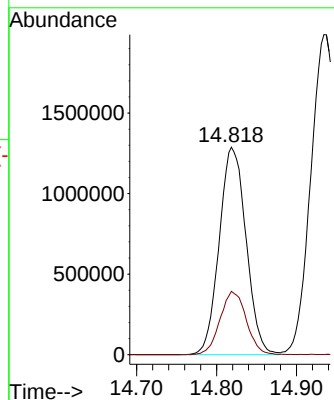
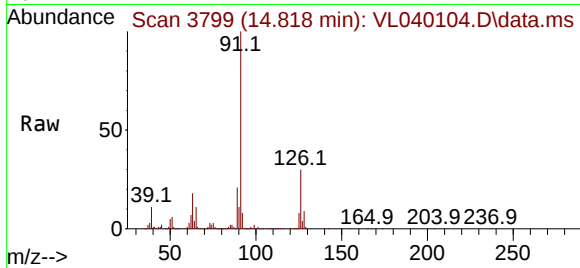
#71
2-Chlorotoluene
Concen: 9.805 ppbv
RT: 14.818 min Scan# 3119
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3001319
Ion Ratio Lower Upper
91 100
126 29.8 11.9 47.5

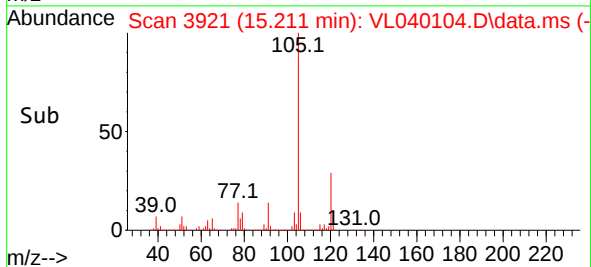
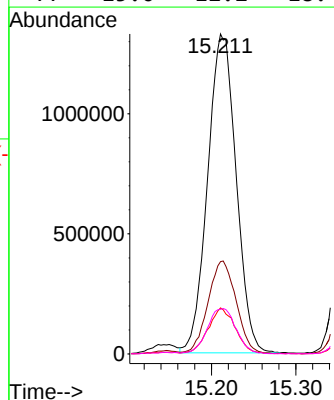
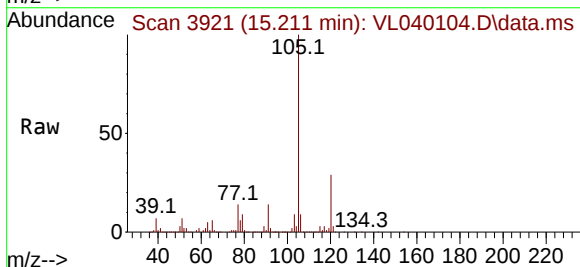
Manual Integrations
APPROVED

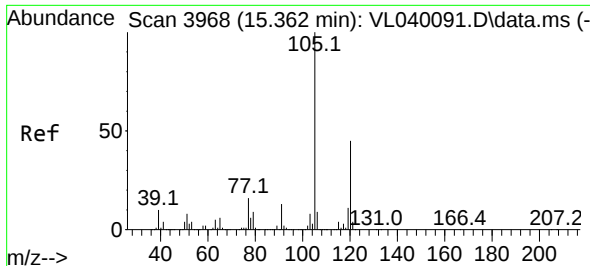
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#72
4-Ethyltoluene
Concen: 10.169 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.006 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

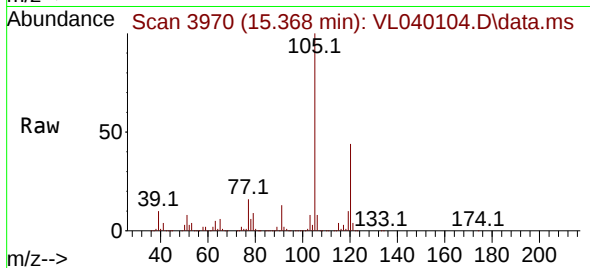
Tgt Ion:105 Resp: 3122297
Ion Ratio Lower Upper
105 100
120 29.9 23.1 34.7
91 13.6 11.2 16.8
77 15.0 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 9.959 ppbv
RT: 15.368 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

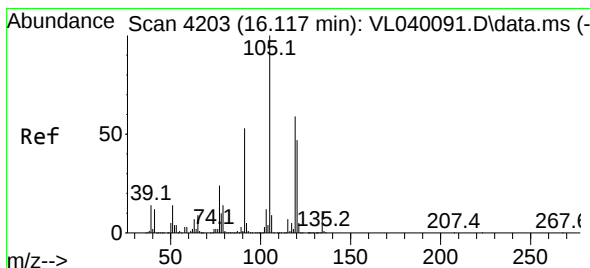
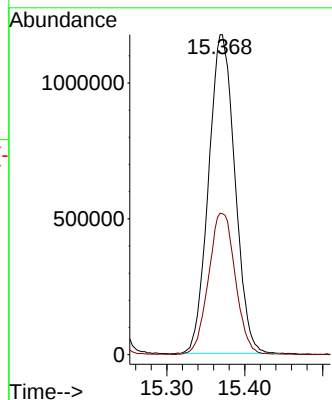
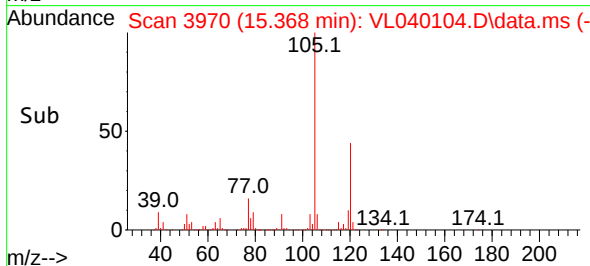
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



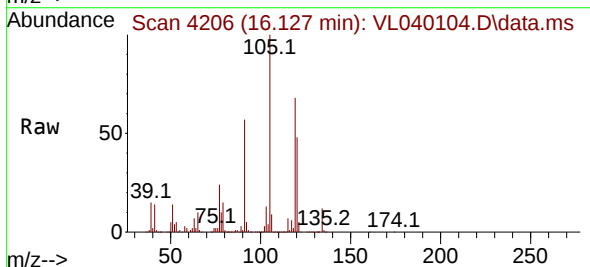
Tgt Ion:105 Resp: 2753158
Ion Ratio Lower Upper
105 100
120 44.2 36.2 54.4

Manual Integrations
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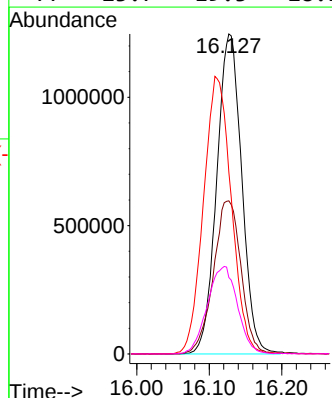
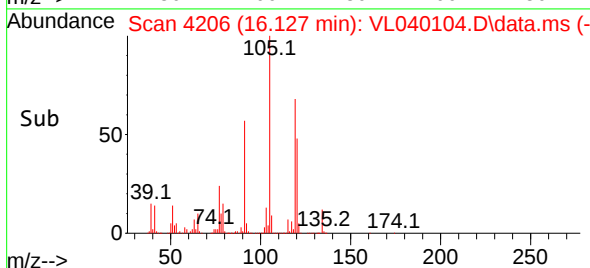
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

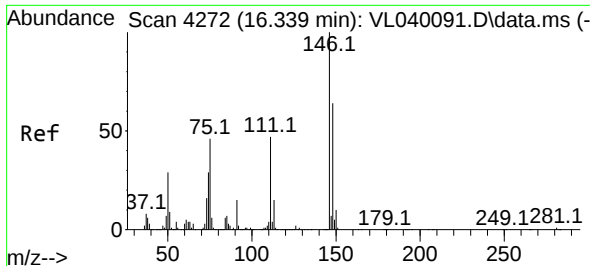


#74
1,2,4-Trimethylbenzene
Concen: 9.743 ppbv
RT: 16.127 min Scan# 4206
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



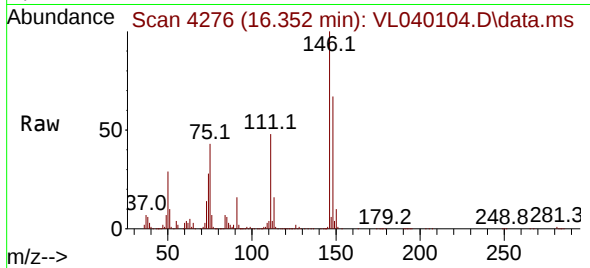
Tgt Ion:105 Resp: 2983689
Ion Ratio Lower Upper
105 100
120 47.8 38.0 57.0
91 56.6 42.1 63.1
77 23.7 19.3 28.9





#75
1,3-Dichlorobenzene
Concen: 9.635 ppbv
RT: 16.352 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

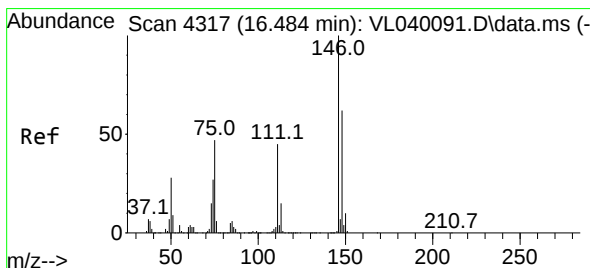
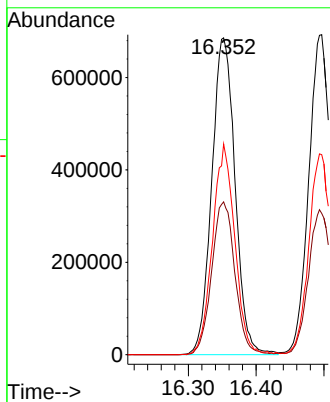
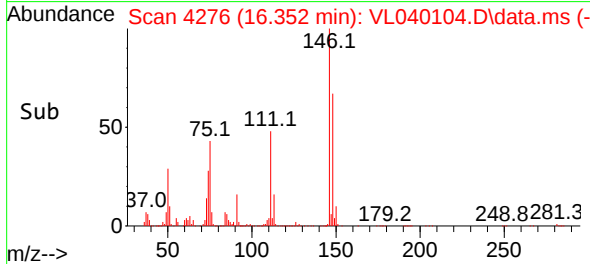
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



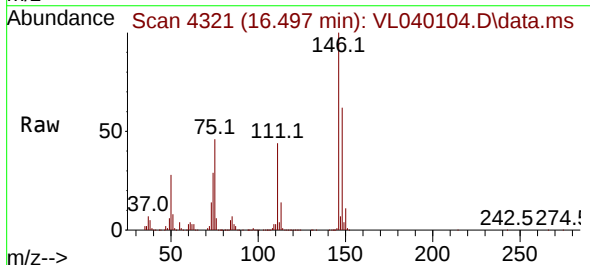
Tgt Ion:146 Resp: 163872
Ion Ratio Lower Upper
146 100
111 48.3 24.3 73.0
148 63.7 32.3 96.8

Manual Integrations
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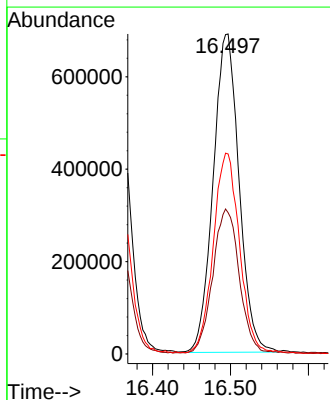
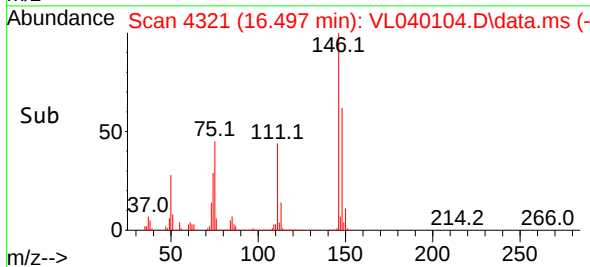
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

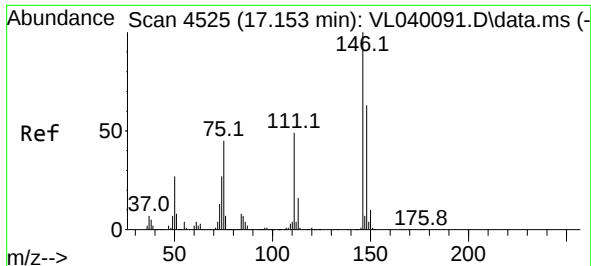


#76
1,4-Dichlorobenzene
Concen: 9.518 ppbv
RT: 16.497 min Scan# 4321
Delta R.T. 0.013 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



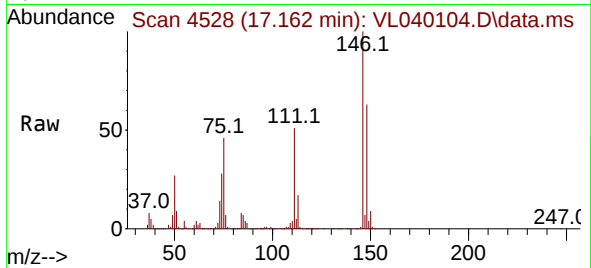
Tgt Ion:146 Resp: 1591691
Ion Ratio Lower Upper
146 100
111 47.2 23.8 71.2
148 64.8 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 9.396 ppbv
RT: 17.162 min Scan# 4525
Delta R.T. 0.010 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22

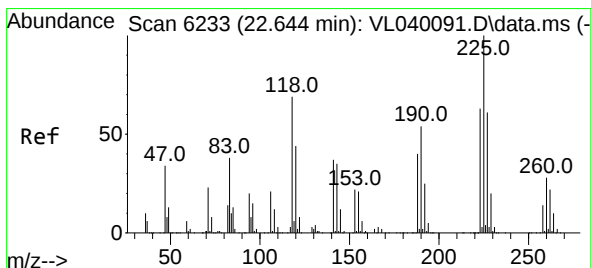
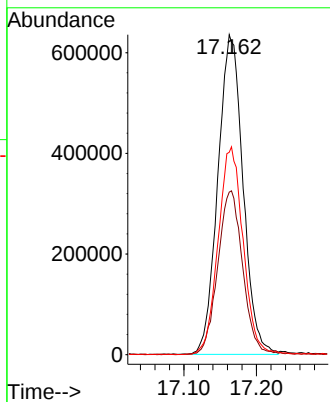
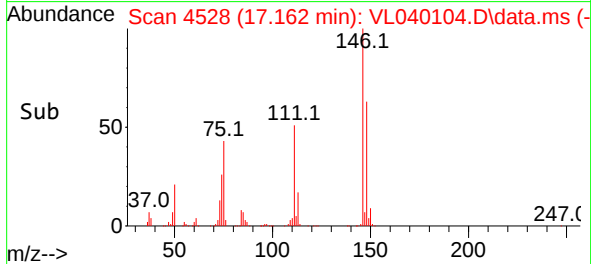
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



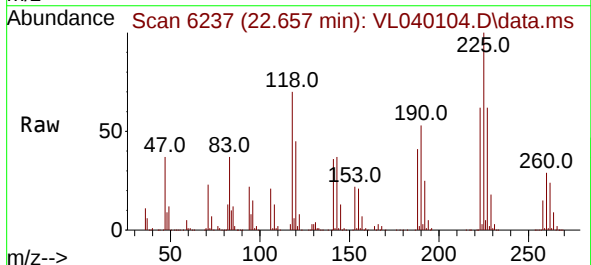
Tgt Ion:146 Resp: 152832
Ion Ratio Lower Upper
146 100
111 51.0 25.1 75.2
148 64.8 32.4 97.0

Manual Integrations
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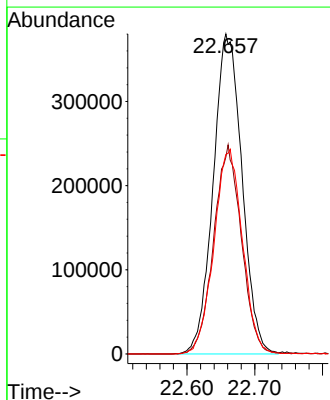
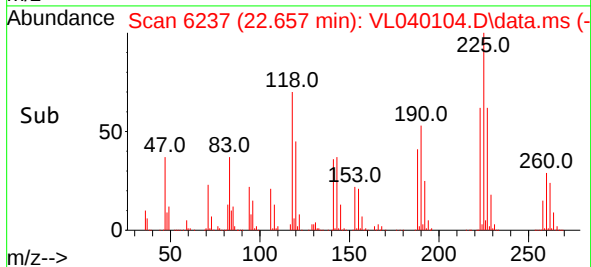
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

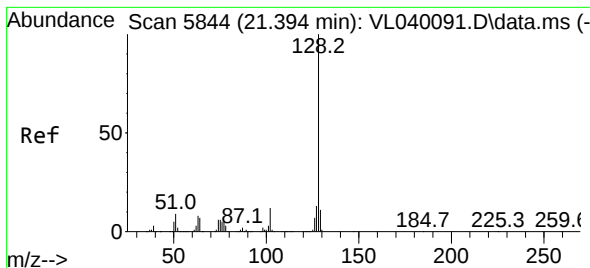


#78
Hexachloro-1,3-Butadiene
Concen: 9.414 ppbv
RT: 22.657 min Scan# 6237
Delta R.T. 0.013 min
Lab File: VL040104.D
Acq: 17 Jan 2023 8:22



Tgt Ion:225 Resp: 1121591
Ion Ratio Lower Upper
225 100
223 63.1 51.5 77.3
227 63.5 50.6 76.0





#79

Naphthalene

Concen: 14.044 ppbv

RT: 21.410 min Scan# 5849

Delta R.T. 0.016 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 2463690

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

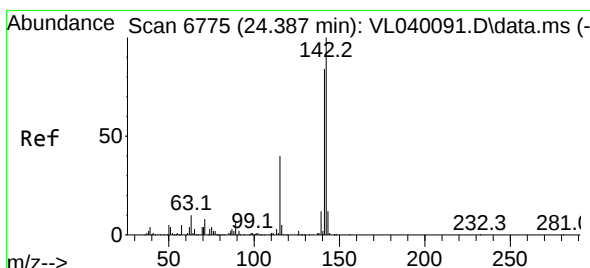
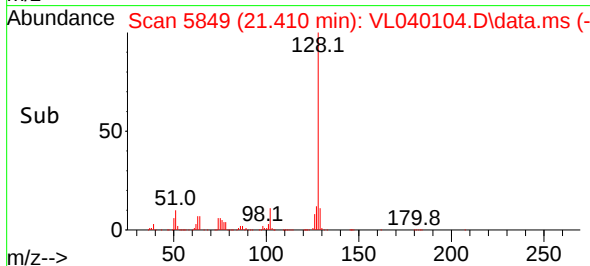
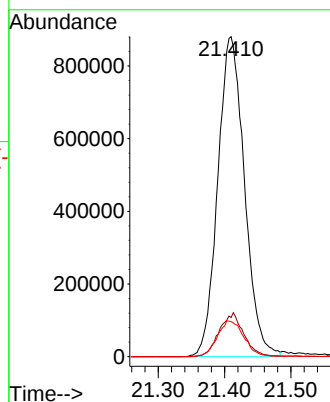
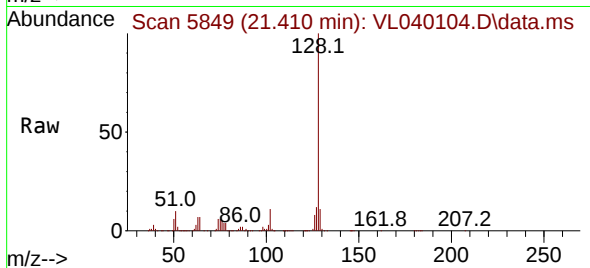
129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#80

Naphthalene,2-methyl-

Concen: 11.765 ppbv

RT: 24.397 min Scan# 6778

Delta R.T. 0.010 min

Lab File: VL040104.D

Acq: 17 Jan 2023 8:22

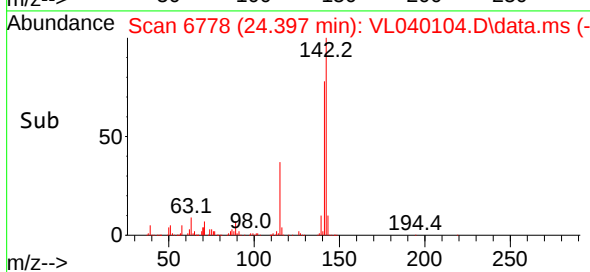
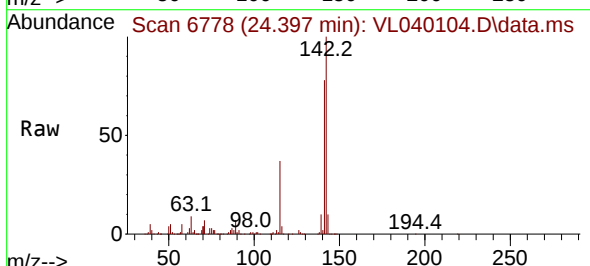
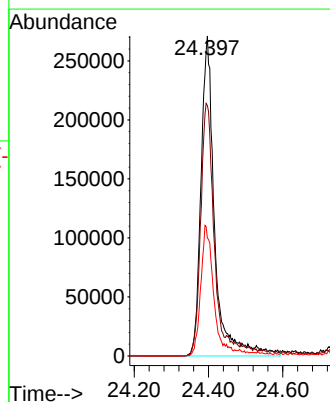
Tgt Ion:142 Resp: 695459

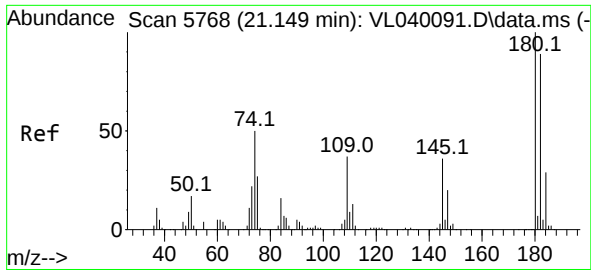
Ion Ratio Lower Upper

142 100

141 81.5 65.0 97.6

115 39.7 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 11.516 ppbv

RT: 21.165 min Scan# 51

Delta R.T. 0.016 min

Lab File: VL040104.D

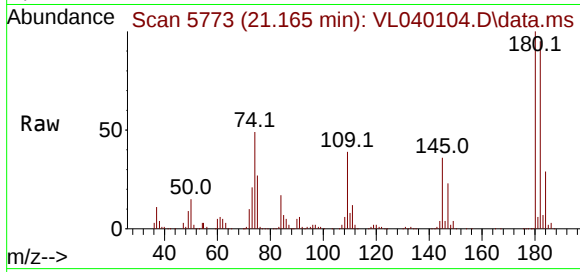
Acq: 17 Jan 2023 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 1245238

Ion Ratio Lower Upper

180 100

182 95.3 78.6 117.8

184 30.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023

