

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040723.D
 Acq On : 27 Sep 2023 12:04
 Operator : SY/MD
 Sample : VL0927ABS02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABS02

Quant Time: Sep 28 01:43:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/28/2023
 Supervised By : Mahesh Dadoda 09/28/2023

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

Internal Standards						
1) Bromochloromethane	5.179	49	1287094	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.635	114	3528085	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	3301239	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2353328	9.227	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.729	85	2489320	8.778	ppbv	98
3) Chlorodifluoromethane	2.674	51	1921688	9.165	ppbv	95
4) Chloromethane	2.812	50	771740	9.614	ppbv	99
5) Vinyl Chloride	2.918	62	864139	9.108	ppbv	95
6) Bromomethane	3.118	94	358416	7.830	ppbv	98
7) Chloroethane	3.192	64	292256	8.969	ppbv	95
8) Dichlorotetrafluoroethane	2.854	85	2011795	8.593	ppbv	98
9) Propene	2.693	41	667745	11.054	ppbv	99
10) Heptane	7.558	43	1593966	11.711	ppbv	99
11) Trichlorofluoromethane	3.555	101	2005406	8.044	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.057	101	1536046	8.613	ppbv	98
13) Ethanol	3.234	45	141487	7.913	ppbv	99
14) Bromoethene	3.362	108	650879	8.702	ppbv	97
15) Acetone	3.462	43	1420712	8.368	ppbv	99
16) 1,3-Butadiene	2.983	39	765649	10.348	ppbv	97
17) tert-Butyl alcohol	3.870	59	1555506	8.945	ppbv	98
18) 1,1-Dichloroethene	3.870	96	715659	9.029	ppbv	96
19) Isopropyl Alcohol	3.568	45	889173	8.692	ppbv #	98
20) Methylene Chloride	3.922	84	635098	6.950	ppbv	94
21) Allyl Chloride	3.986	41	948773	9.119	ppbv	97
22) trans-1,2-Dichloroethene	4.433	96	745558	9.513	ppbv	96
23) Vinyl Acetate	4.613	43	1772755	10.097	ppbv	98
24) 1,1-Dichloroethane	4.552	63	1509768	9.189	ppbv	99
25) Ethyl Acetate	5.188	43	2833279	10.348	ppbv	99
26) Hexane	5.198	57	1339339	10.345	ppbv	90
27) Carbon Disulfide	4.115	76	1893622	10.488	ppbv	98
28) Methyl tert-Butyl Ether	4.574	73	1209893	10.861	ppbv	99
29) Chloroform	5.259	83	2068797	9.255	ppbv	99
30) Cyclohexane	6.581	84	1117340	11.460	ppbv	96
31) cis-1,2-Dichloroethene	5.063	61	1325331	11.033	ppbv	92
32) 1,1,1-Trichloroethane	5.986	97	2053676	8.986	ppbv	99
34) 2-Butanone	4.770	43	1722837	9.710	ppbv	97
35) Carbon Tetrachloride	6.475	117	2094018	8.644	ppbv	97
36) Benzene	6.352	78	2808690	10.751	ppbv	96
37) 1,2-Dichloroethane	5.790	62	1533028	8.574	ppbv #	96
38) Trichloroethene	7.269	130	1104053	11.081	ppbv	98
39) 1,2-Dichloropropane	7.053	63	1050998	10.451	ppbv	93
40) 1,4-Dioxane	7.262	88	383540	10.089	ppbv #	92
41) Tetrahydrofuran	5.539	42	1016728	11.175	ppbv	99
42) Bromodichloromethane	7.227	83	2272732	9.316	ppbv	98
43) Methyl Methacrylate	7.452	69	1128662	11.623	ppbv	97
44) 2,2,4-Trimethylpentane	7.304	57	4455762	10.711	ppbv	97
45) t-1,3-Dichloropropene	8.687	75	843150	11.197	ppbv	99

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Instrument :
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 ClientSampleId :
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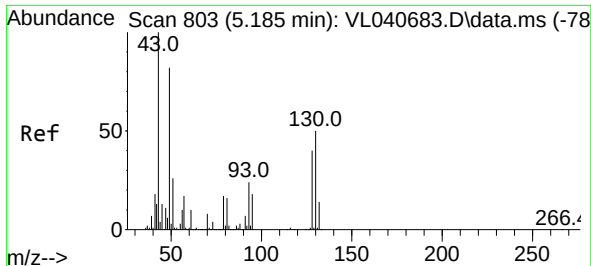
Quant Time: Sep 28 01:43:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
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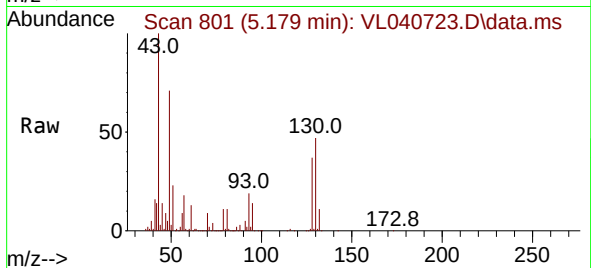
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	1020170	11.073	ppbv	95
47) 1,1,2-Trichloroethane	8.873	97	1140863	9.885	ppbv	98
48) Dibromochloromethane	9.683	129	1941952	10.200	ppbv	100
49) Bromoform	12.381	173	1599240	10.228	ppbv	100
50) 4-Methyl-2-Pentanone	8.159	43	2565633	10.701	ppbv	96
51) 2-Hexanone	9.526	43	1805864	10.913	ppbv #	94
52) Tetrachloroethene	10.587	164	967843	11.357	ppbv	96
53) Toluene	9.198	91	3210257	11.639	ppbv	100
54) 1,2-Dibromoethane	9.986	107	1448043	9.830	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.484	131	1448310	9.204	ppbv #	94
57) Chlorobenzene	11.500	112	2444383	9.778	ppbv	98
58) Ethyl Benzene	12.060	91	4207491	11.179	ppbv	100
59) m/p-Xylene	12.349	91	7133753m	20.185	ppbv	
60) o-Xylene	13.031	91	3383892	10.040	ppbv	98
61) Styrene	12.873	104	1773114	12.552	ppbv	97
62) Isopropylbenzene	14.002	105	4967300	9.761	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.018	83	2432710	9.209	ppbv	99
64) n-propylbenzene	14.889	120	1291524	10.150	ppbv	96
65) tert-Butylbenzene	16.063	119	4382822	9.596	ppbv	95
66) Benzyl Chloride	16.301	91	338587	6.352	ppbv	98
67) sec-Butylbenzene	16.606	105	6111241	9.346	ppbv	99
69) p-Isopropyltoluene	16.969	119	4965762	9.663	ppbv	97
70) n-Butylbenzene	17.857	91	5191571	9.179	ppbv	99
71) 2-Chlorotoluene	14.773	91	3786906	10.058	ppbv	97
72) 4-Ethyltoluene	15.162	105	3968770	10.500	ppbv	99
73) 1,3,5-Trimethylbenzene	15.323	105	3386569	9.951	ppbv	98
74) 1,2,4-Trimethylbenzene	16.079	105	3729325	8.989	ppbv	96
75) 1,3-Dichlorobenzene	16.304	146	2200327	9.308	ppbv	99
76) 1,4-Dichlorobenzene	16.442	146	2138912	9.196	ppbv	99
77) 1,2-Dichlorobenzene	17.114	146	2115109	8.983	ppbv	98
78) Hexachloro-1,3-Butadiene	22.599	225	1465630	8.227	ppbv	99
79) Naphthalene	21.355	128	2914780	11.290	ppbv	98
80) Naphthalene,2-methyl-	24.348	142	798482	12.627	ppbv	93
81) 1,2,4-Trichlorobenzene	21.107	180	1604073	9.511	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.019 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

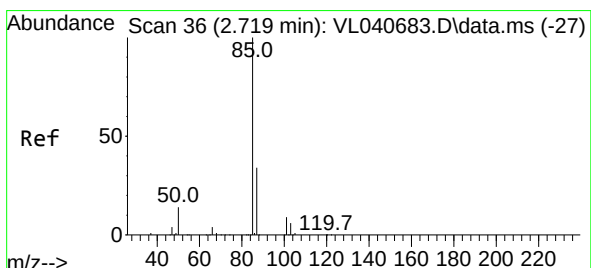
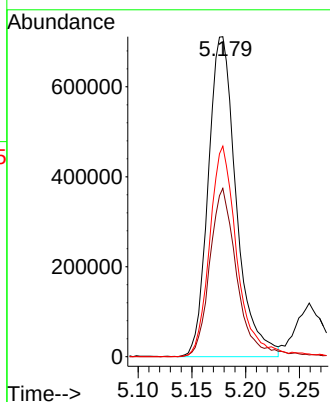
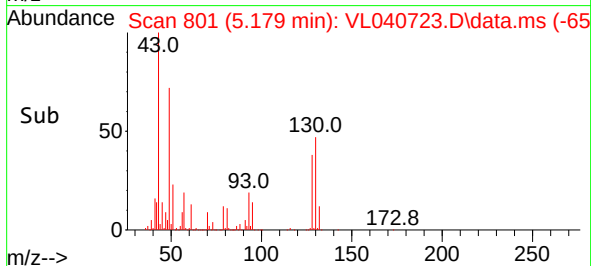
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



Tgt Ion: 49 Resp: 1287094
Ion Ratio Lower Upper
49 100
128 52.0 25.4 76.0
130 66.0 32.3 96.8

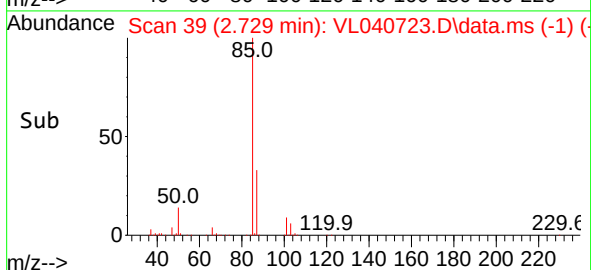
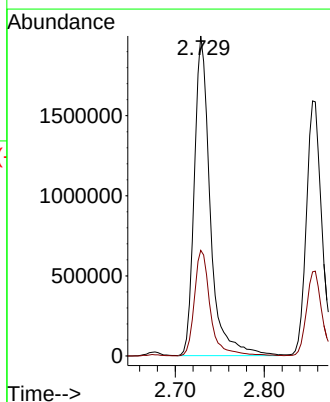
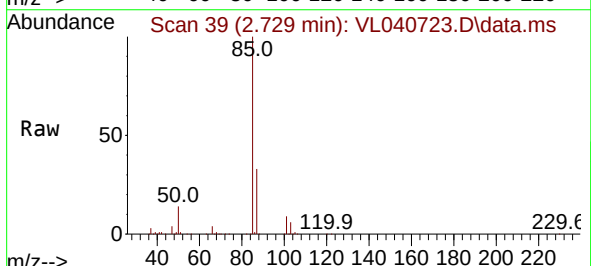
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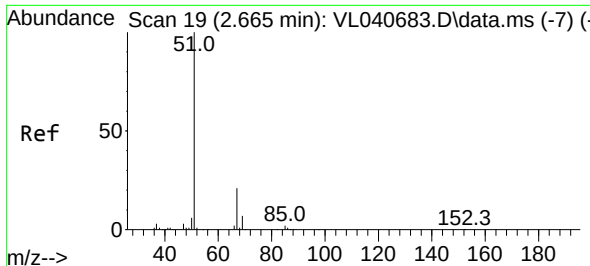
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#2
Dichlorodifluoromethane
Concen: 8.778 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.003 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

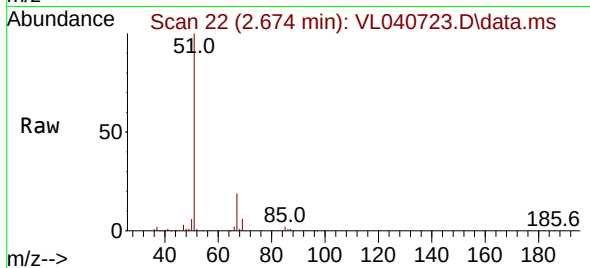
Tgt Ion: 85 Resp: 2489320
Ion Ratio Lower Upper
85 100
87 33.0 27.2 40.8





#3
Chlorodifluoromethane
Concen: 9.165 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

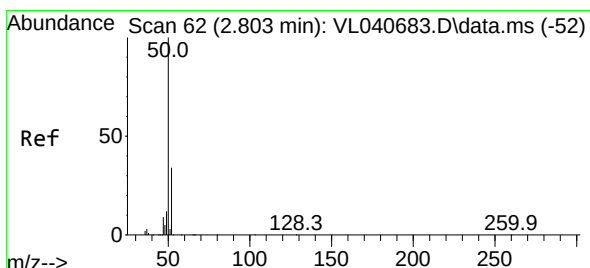
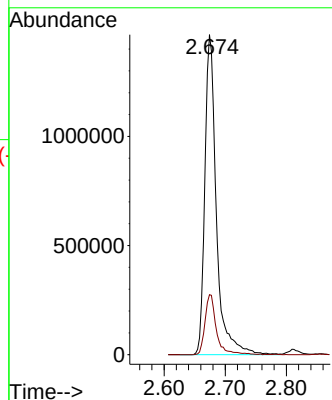
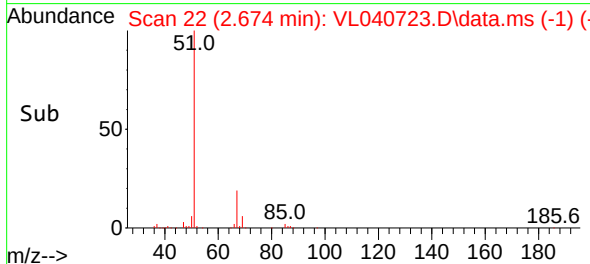
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



Tgt Ion: 51 Resp: 1921688
Ion Ratio Lower Upper
51 100
67 18.5 16.7 25.1

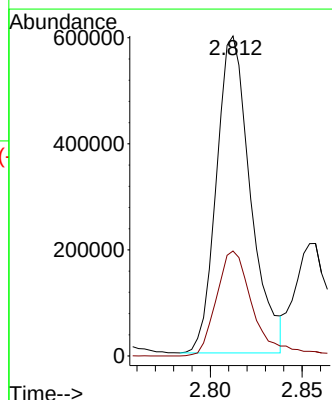
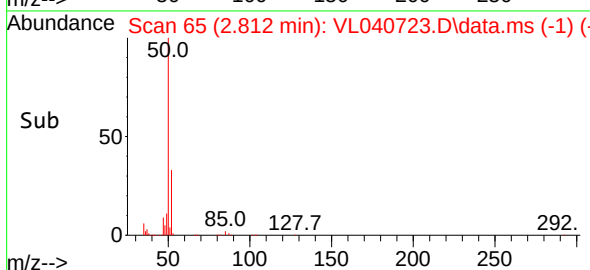
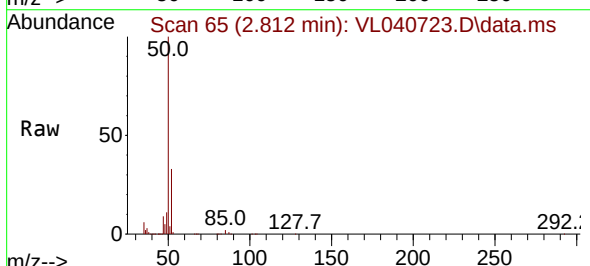
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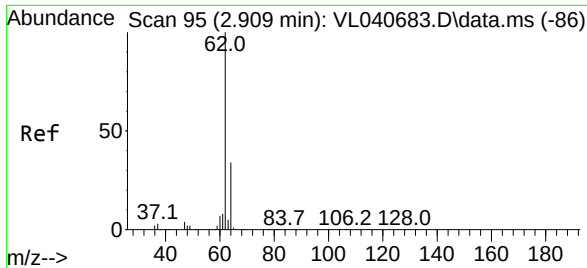
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#4
Chloromethane
Concen: 9.614 ppbv
RT: 2.812 min Scan# 65
Delta R.T. -0.003 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Tgt Ion: 50 Resp: 771740
Ion Ratio Lower Upper
50 100
52 33.1 27.1 40.7





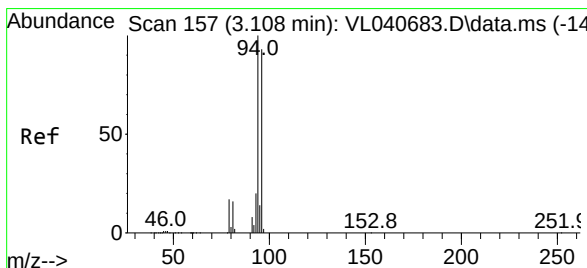
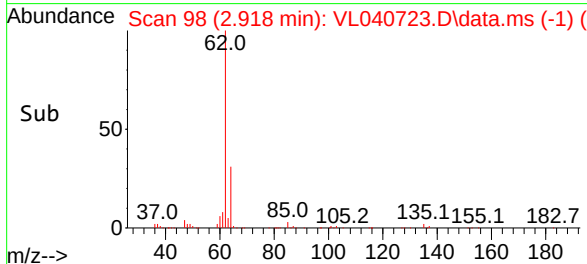
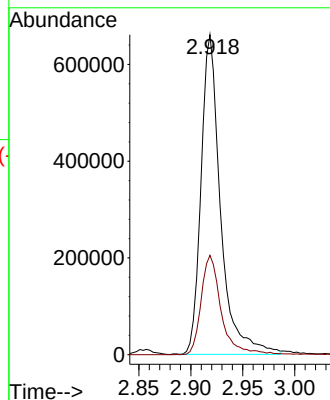
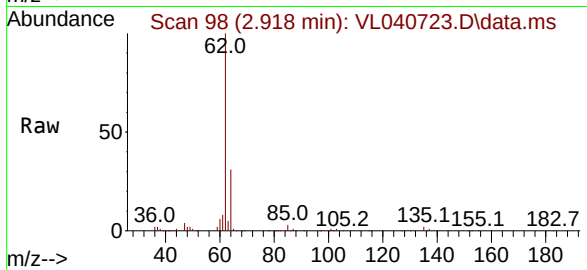
#5
 Vinyl Chloride
 Concen: 9.108 ppbv
 RT: 2.918 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABS02

Tgt Ion: 62 Resp: 864139
 Ion Ratio Lower Upper
 62 100
 64 31.1 27.2 40.8

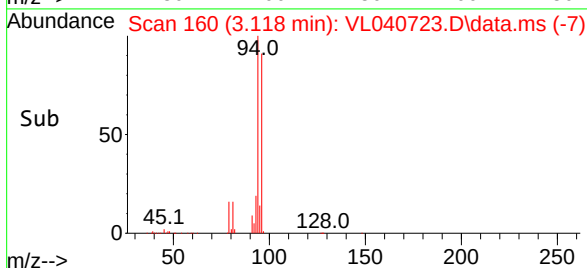
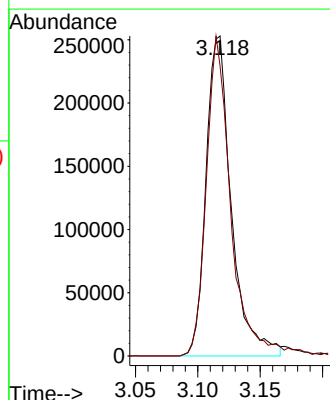
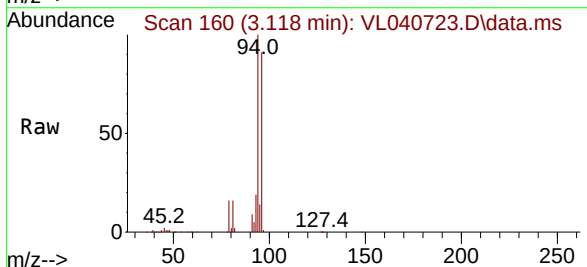
Manual Integrations
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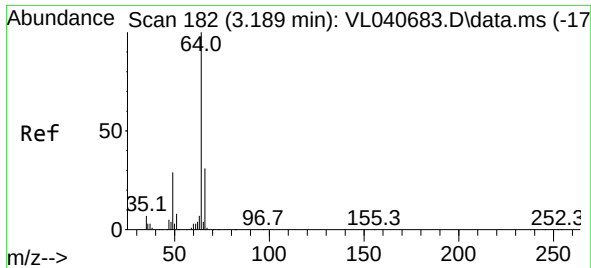
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#6
 Bromomethane
 Concen: 7.830 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. -0.006 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04

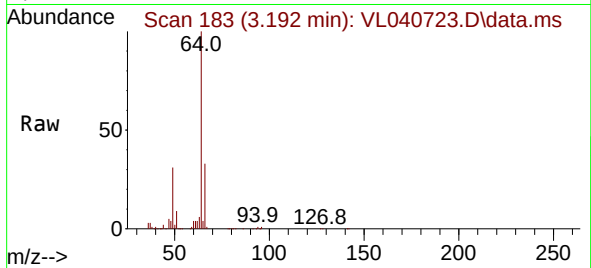
Tgt Ion: 94 Resp: 358416
 Ion Ratio Lower Upper
 94 100
 96 90.7 74.4 111.6





#7
Chloroethane
Concen: 8.969 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

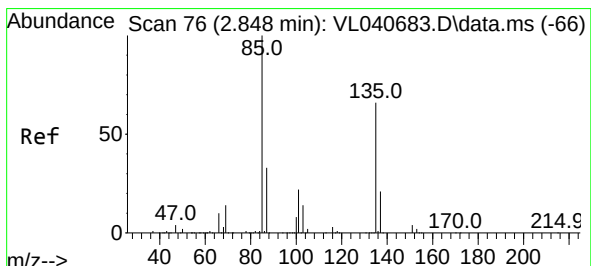
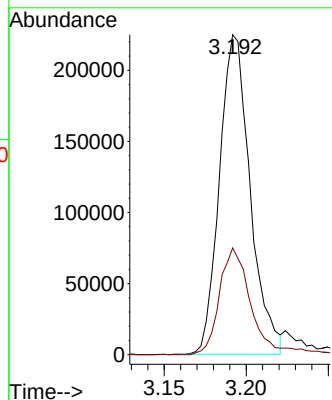
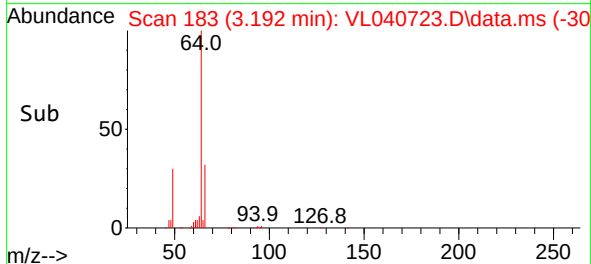
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 64 Resp: 292250
Ion Ratio Lower Upper
64 100
66 33.3 24.5 36.7

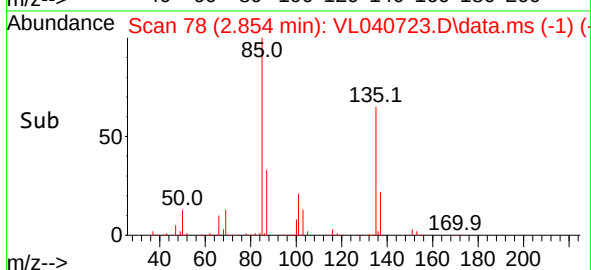
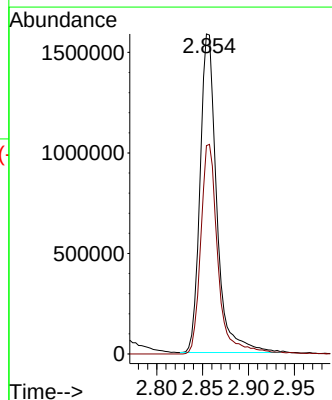
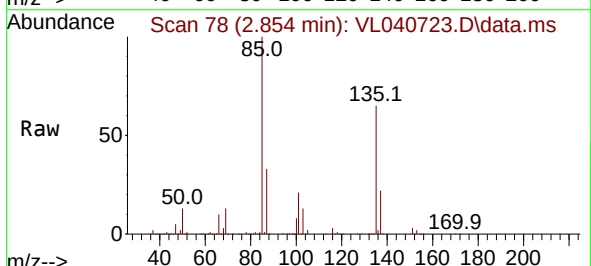
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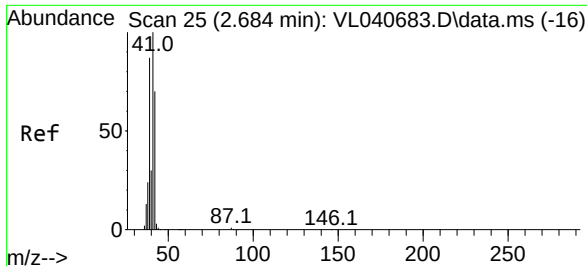
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#8
Dichlorotetrafluoroethane
Concen: 8.593 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.006 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Tgt Ion: 85 Resp: 2011795
Ion Ratio Lower Upper
85 100
135 68.1 53.4 80.2





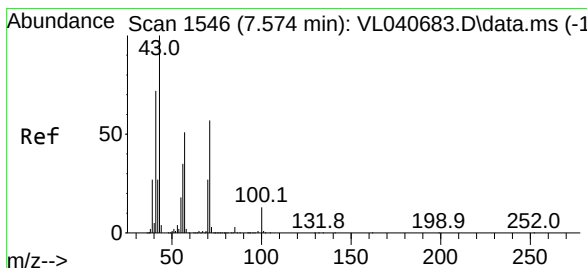
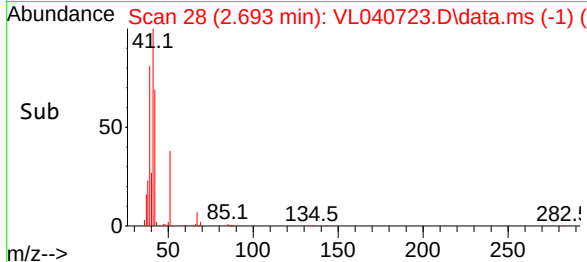
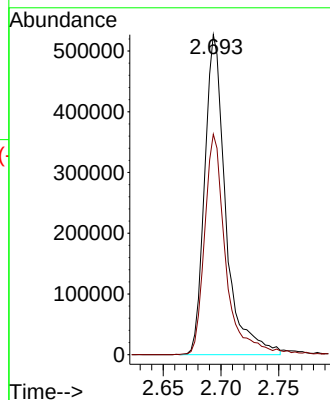
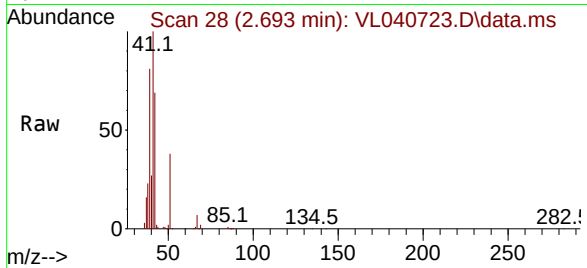
#9
 Propene
 Concen: 11.054 ppbv
 RT: 2.693 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABS02

Tgt Ion: 41 Resp: 667749
 Ion Ratio Lower Upper
 41 100
 42 69.7 56.7 85.1

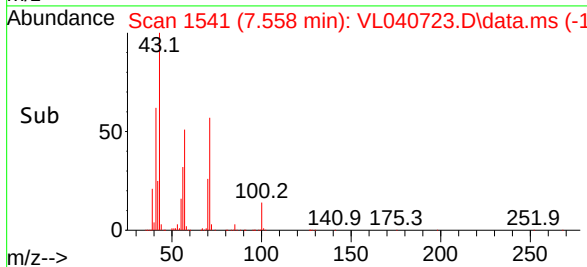
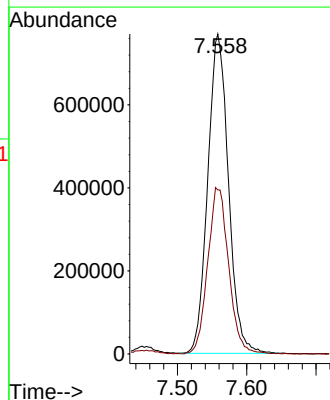
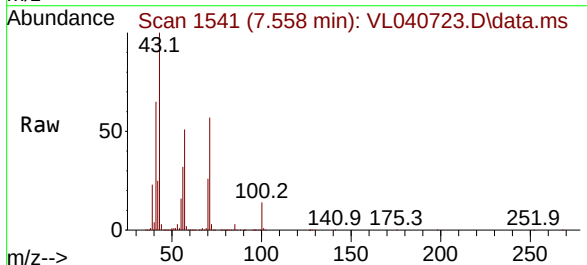
Manual Integrations
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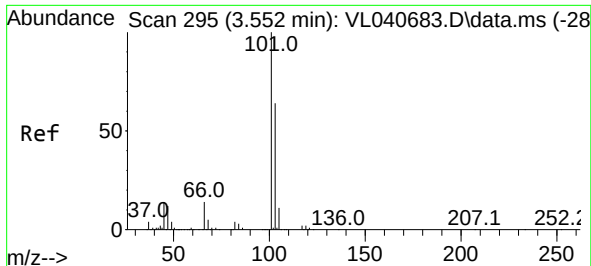
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#10
 Heptane
 Concen: 11.711 ppbv
 RT: 7.558 min Scan# 1541
 Delta R.T. -0.029 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04

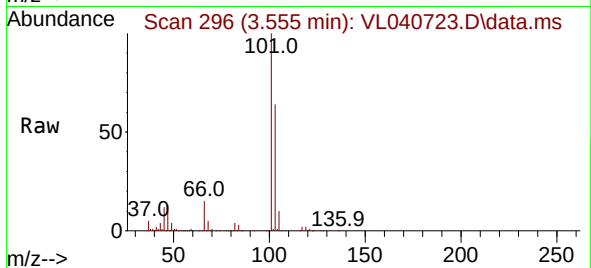
Tgt Ion: 43 Resp: 1593966
 Ion Ratio Lower Upper
 43 100
 57 52.8 41.8 62.6





#11
 Trichlorofluoromethane
 Concen: 8.044 ppbv
 RT: 3.555 min Scan# 295
 Delta R.T. -0.013 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04

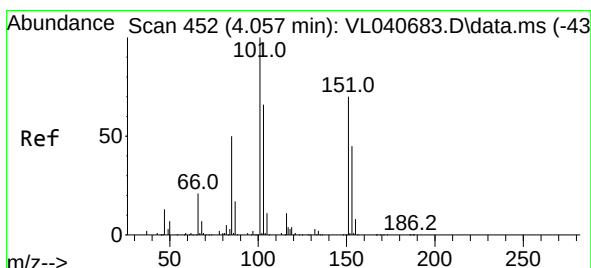
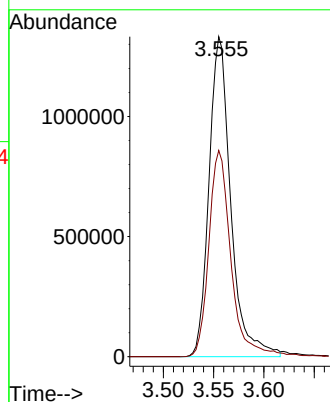
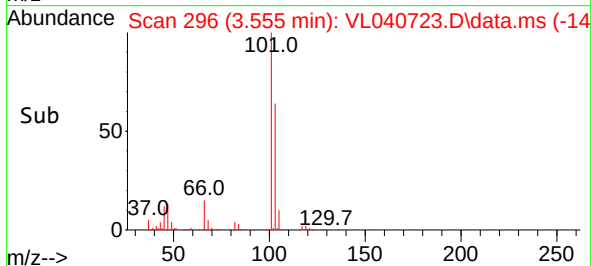
Instrument : MSVOA_L
 ClientSampleId : VL0927ABS02



Tgt Ion:101 Resp: 2005400
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.3 76.9

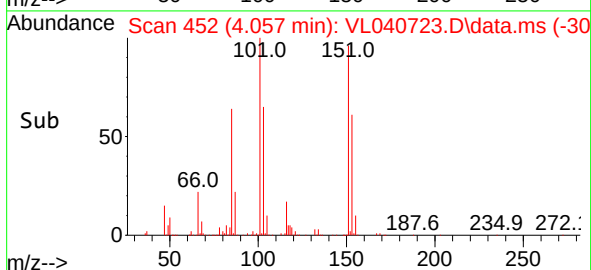
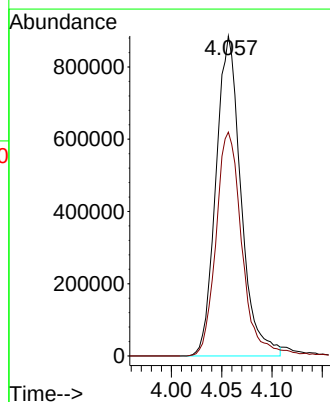
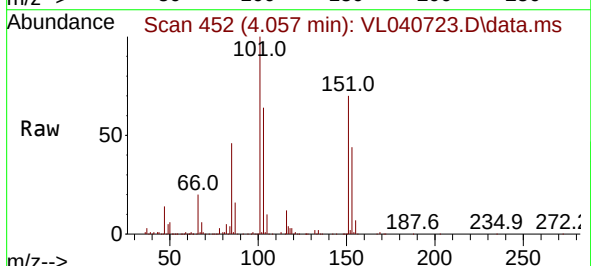
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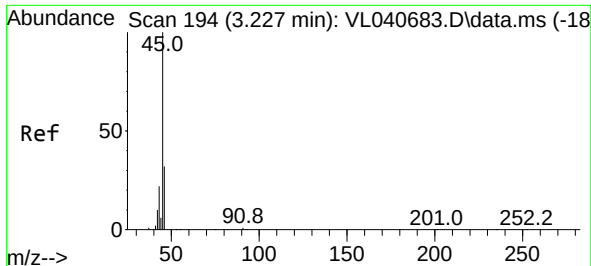
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.613 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.016 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04

Tgt Ion:101 Resp: 1536046
 Ion Ratio Lower Upper
 101 100
 151 73.0 56.8 85.2





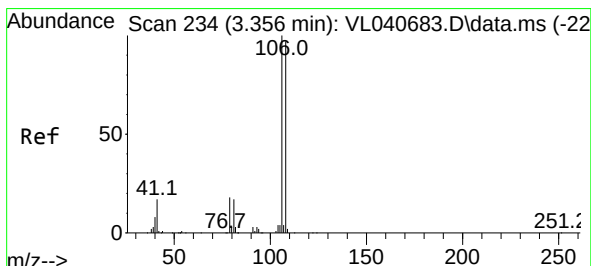
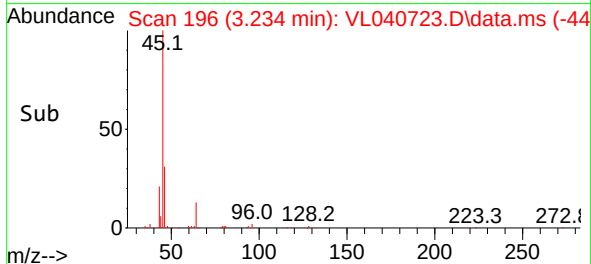
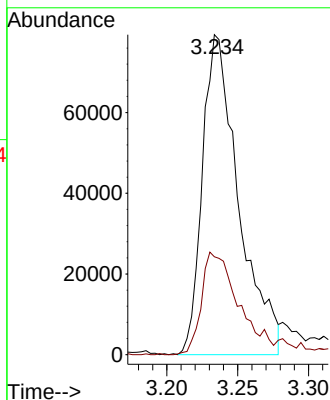
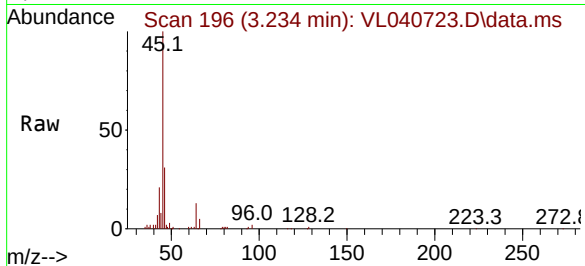
#13
Ethanol
Concen: 7.913 ppbv
RT: 3.234 min Scan# 194
Delta R.T. -0.010 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02

Tgt Ion: 45 Resp: 14148
Ion Ratio Lower Upper
45 100
46 37.7 15.2 61.0

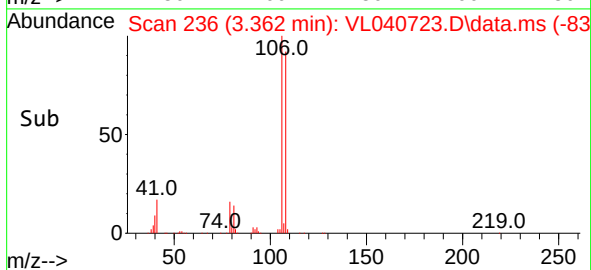
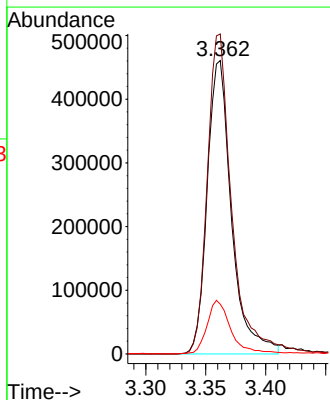
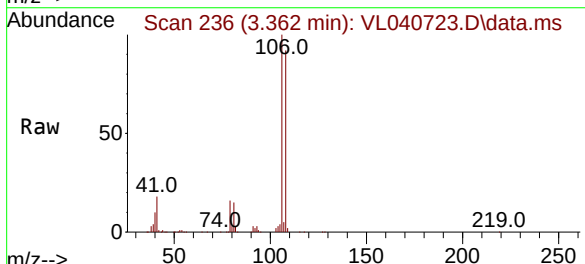
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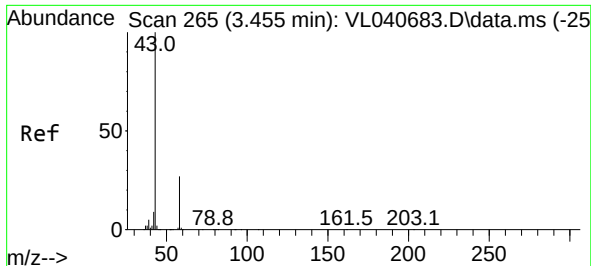
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#14
Bromoethene
Concen: 8.702 ppbv
RT: 3.362 min Scan# 236
Delta R.T. -0.006 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Tgt Ion:108 Resp: 650879
Ion Ratio Lower Upper
108 100
106 111.2 86.0 129.0
79 19.0 15.6 23.4





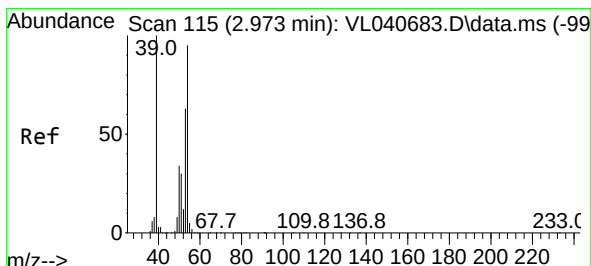
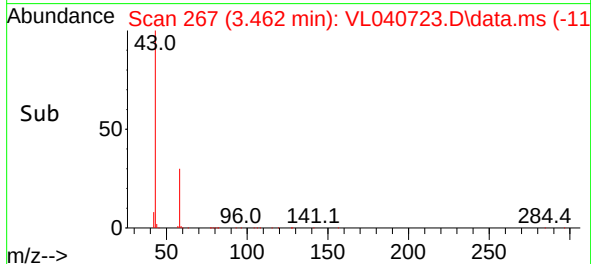
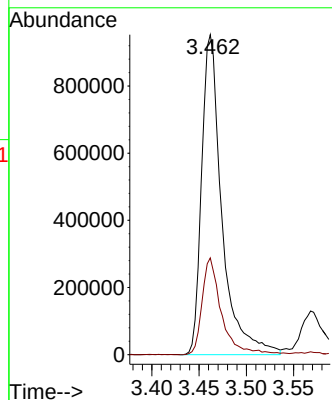
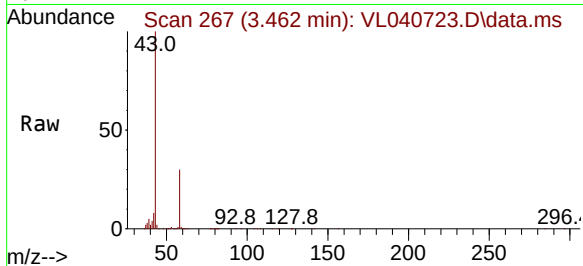
#15
Acetone
Concen: 8.368 ppbv
RT: 3.462 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02

Tgt Ion: 43 Resp: 142071
Ion Ratio Lower Upper
43 100
58 29.1 22.6 34.0

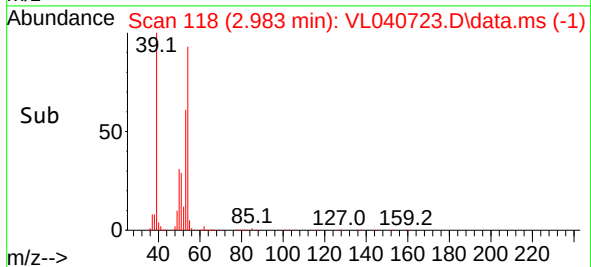
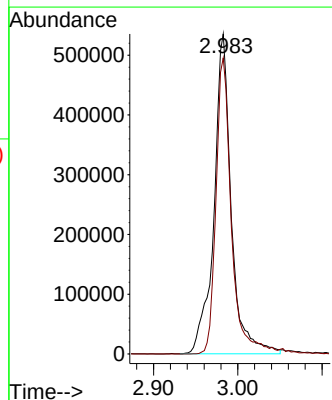
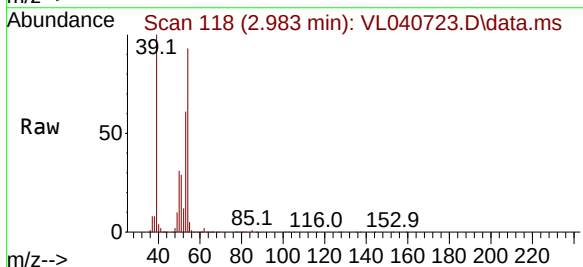
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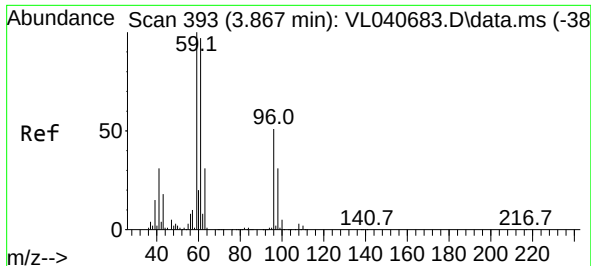
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#16
1,3-Butadiene
Concen: 10.348 ppbv
RT: 2.983 min Scan# 118
Delta R.T. -0.006 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Tgt Ion: 39 Resp: 765649
Ion Ratio Lower Upper
39 100
54 83.2 64.8 97.2





#17

tert-Butyl alcohol

Concen: 8.945 ppbv

RT: 3.870 min Scan# 393

Delta R.T. -0.013 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS02

Tgt Ion: 59 Resp: 1555500

Ion Ratio Lower Upper

59 100

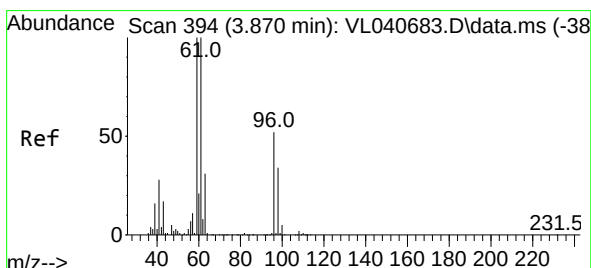
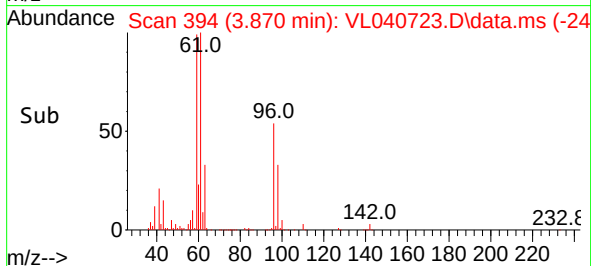
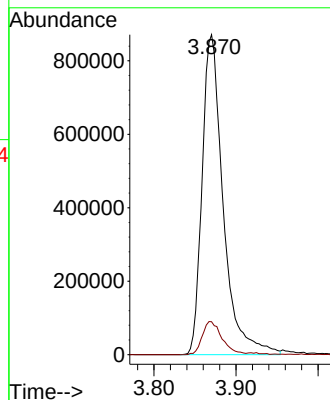
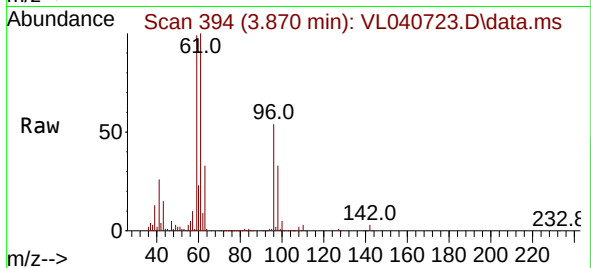
57 10.2 8.7 13.1

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#18

1,1-Dichloroethene

Concen: 9.029 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.013 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

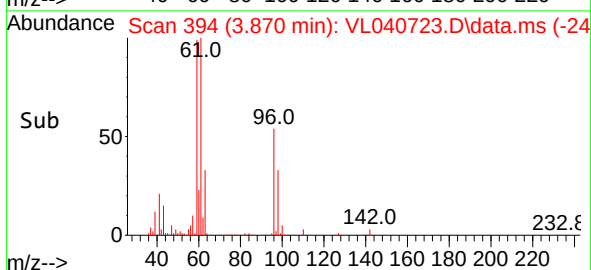
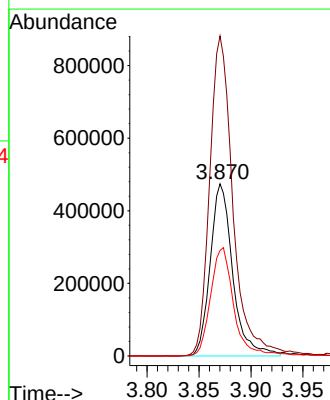
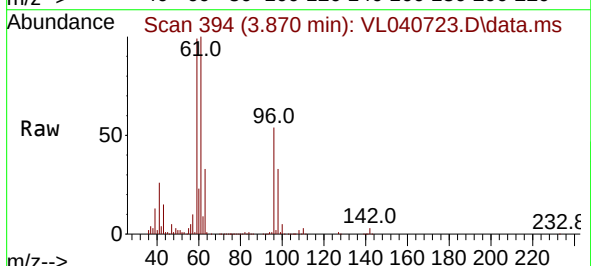
Tgt Ion: 96 Resp: 715659

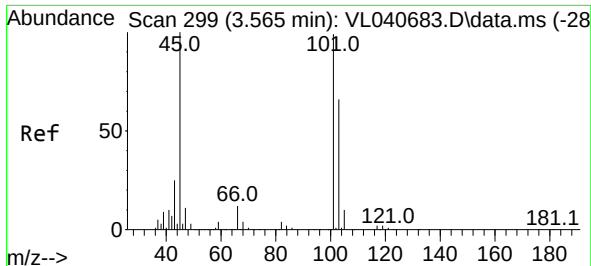
Ion Ratio Lower Upper

96 100

61 185.9 153.6 230.4

98 61.2 51.9 77.9





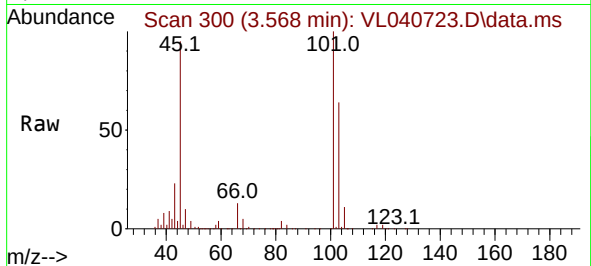
#19
Isopropyl Alcohol
Concen: 8.692 ppbv
RT: 3.568 min Scan# 300
Delta R.T. -0.010 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS02

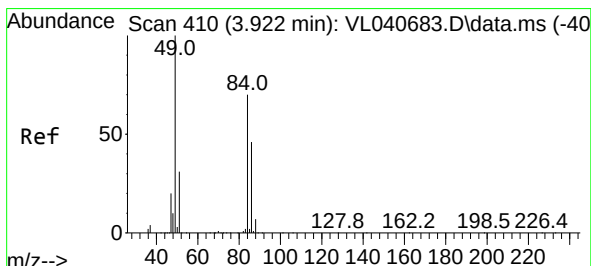
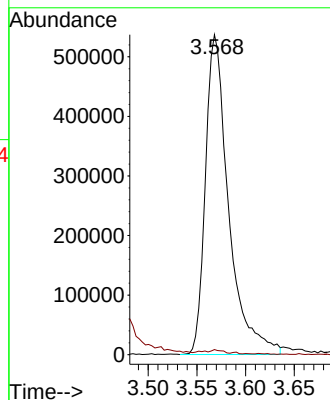
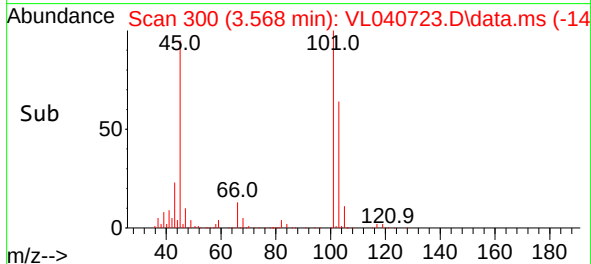


Tgt Ion: 45 Resp: 88917
Ion Ratio Lower Upper
45 100
58 1.7 1.9 2.9

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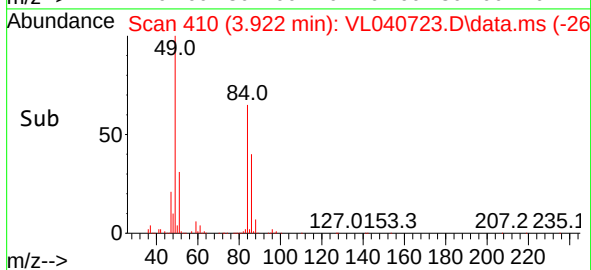
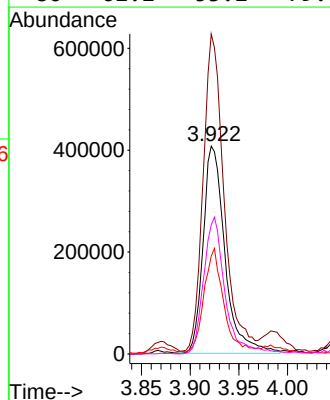
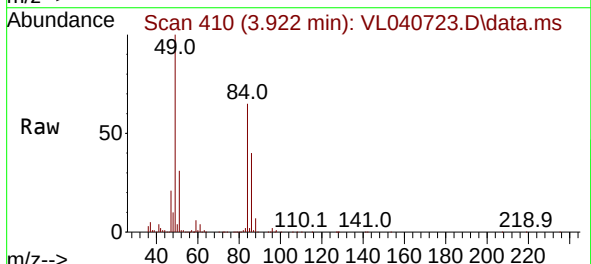
APPROVED

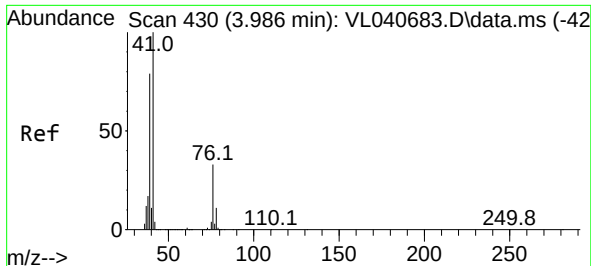
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#20
Methylene Chloride
Concen: 6.950 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.016 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

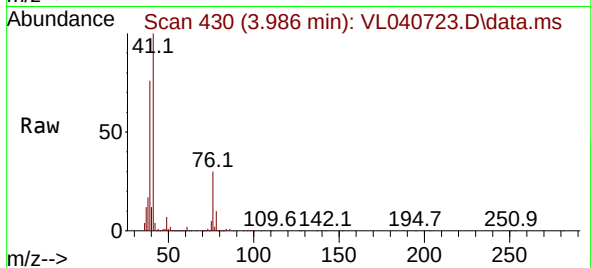
Tgt Ion: 84 Resp: 635098
Ion Ratio Lower Upper
84 100
49 153.2 114.4 171.6
51 46.1 35.5 53.3
86 62.2 53.2 79.8





#21
 Allyl Chloride
 Concen: 9.119 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04

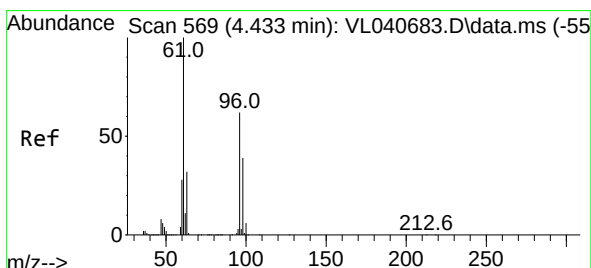
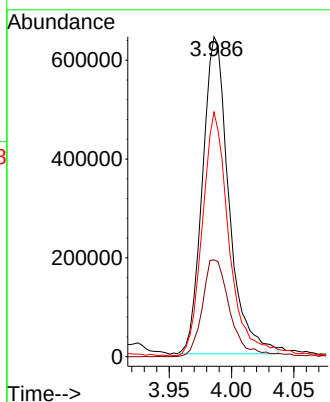
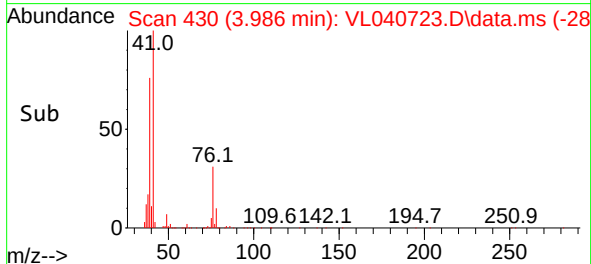
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABS02



Tgt Ion: 41 Resp: 94877
 Ion Ratio Lower Upper
 41 100
 76 32.3 26.6 40.0
 39 78.3 65.0 97.4

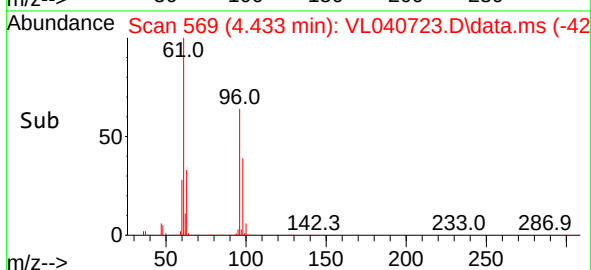
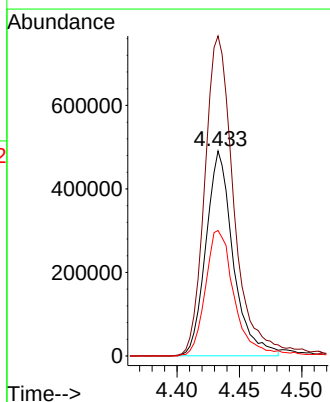
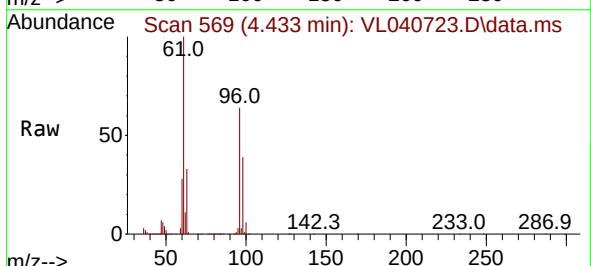
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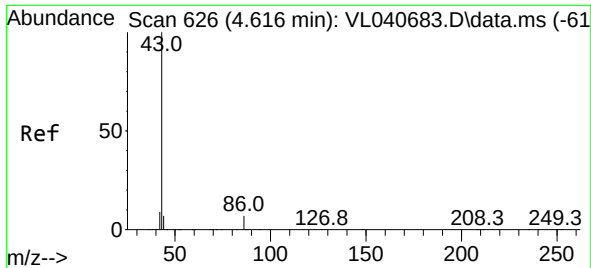
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.513 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.019 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04

Tgt Ion: 96 Resp: 745558
 Ion Ratio Lower Upper
 96 100
 61 155.8 129.9 194.9
 98 61.2 50.2 75.4





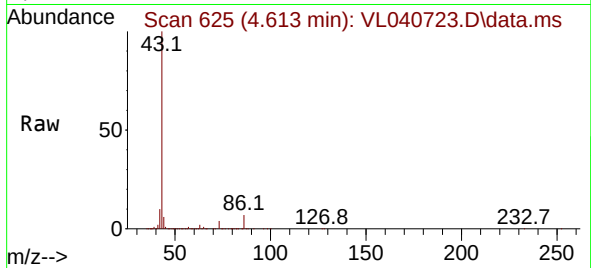
#23
 Vinyl Acetate
 Concen: 10.097 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS02

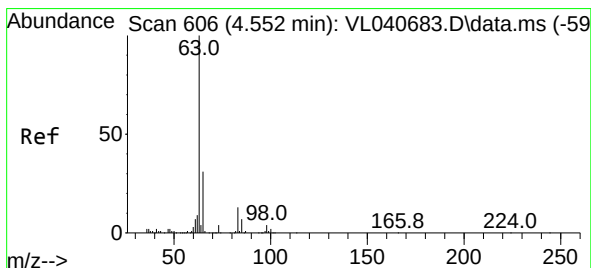
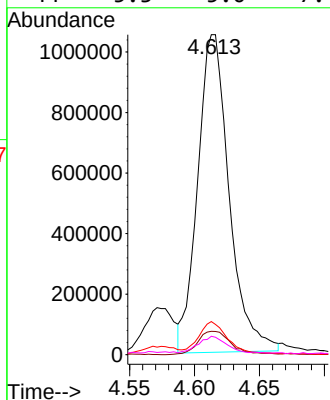
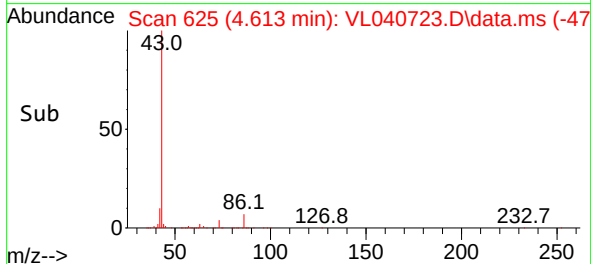


Tgt Ion: 43 Resp: 177275
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.6 8.4
 42 10.3 7.6 11.4
 44 5.3 5.0 7.4

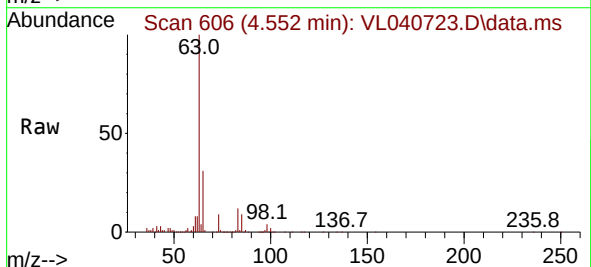
Manual Integrations

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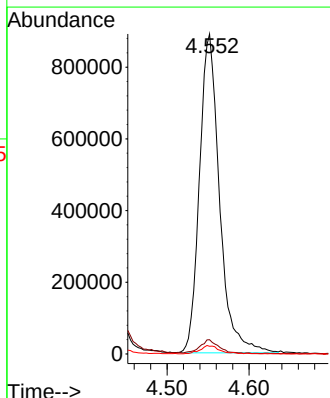
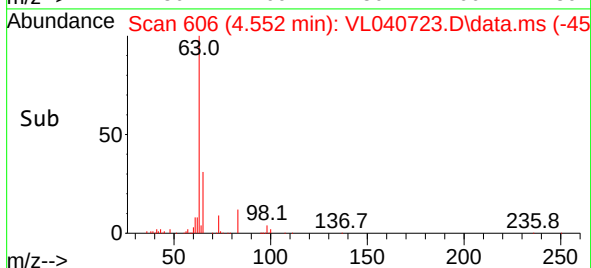
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

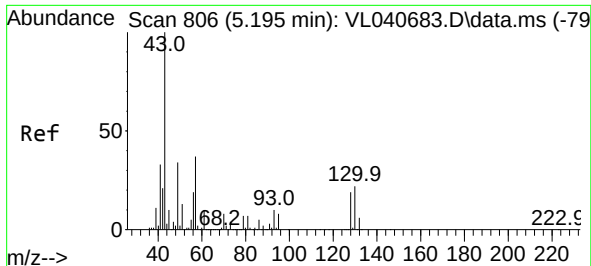


#24
 1,1-Dichloroethane
 Concen: 9.189 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.016 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04



Tgt Ion: 63 Resp: 1509768
 Ion Ratio Lower Upper
 63 100
 98 4.3 1.8 5.5
 100 2.4 1.2 3.6





#25

Ethyl Acetate

Concen: 10.348 ppbv

RT: 5.188 min Scan# 804

Delta R.T. -0.023 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS02

Tgt Ion: 43 Resp: 2833279

Ion Ratio Lower Upper

43 100

45 10.3 8.2 12.4

61 10.9 8.2 12.4

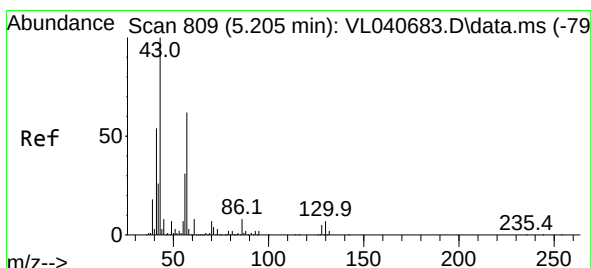
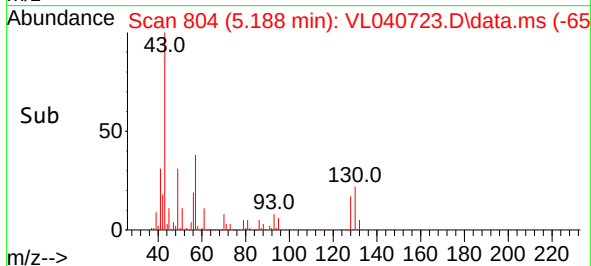
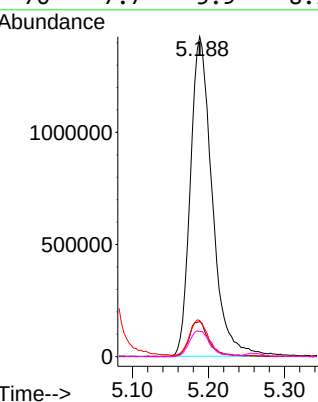
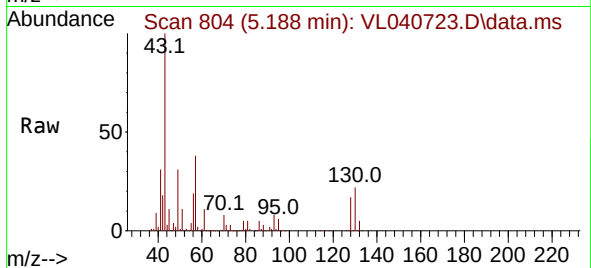
70 7.7 5.9 8.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#26

Hexane

Concen: 10.345 ppbv

RT: 5.198 min Scan# 807

Delta R.T. -0.023 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

Tgt Ion: 57 Resp: 1339339

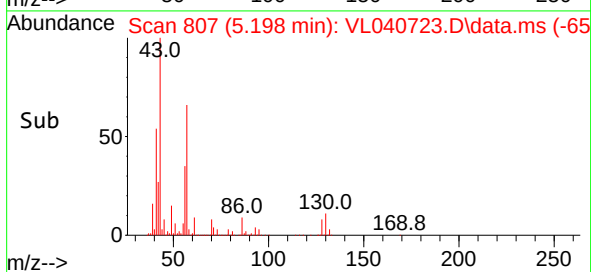
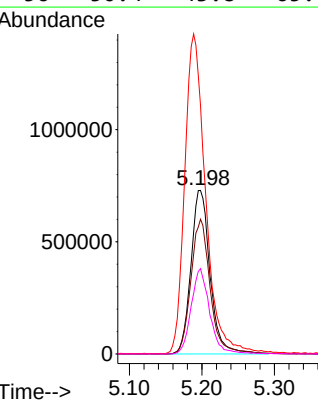
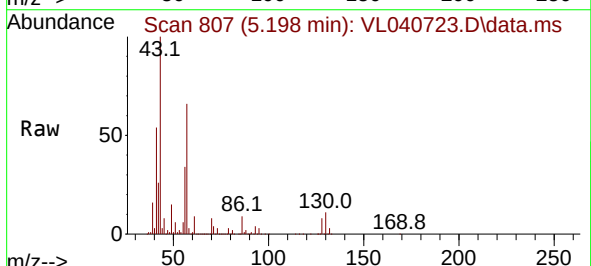
Ion Ratio Lower Upper

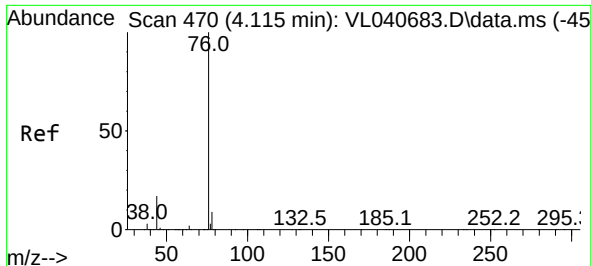
57 100

41 83.2 75.2 112.8

43 215.0 185.6 278.4

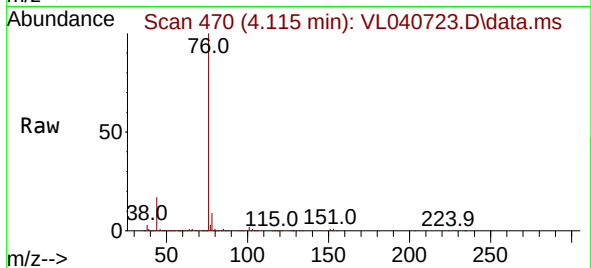
56 50.4 43.8 65.8





#27
Carbon Disulfide
Concen: 10.488 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

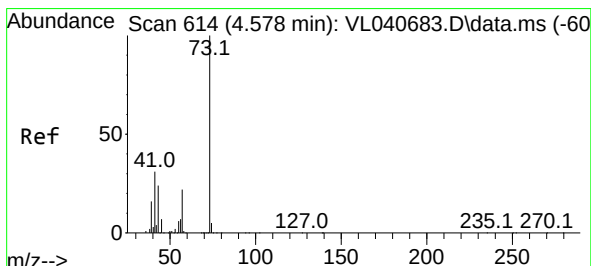
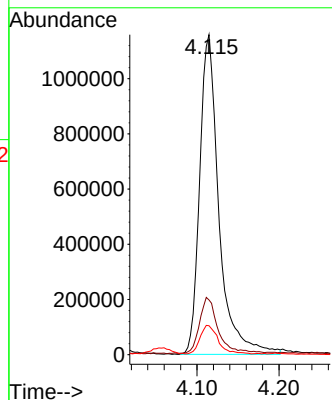
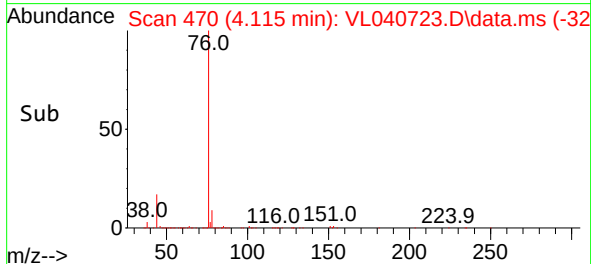
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



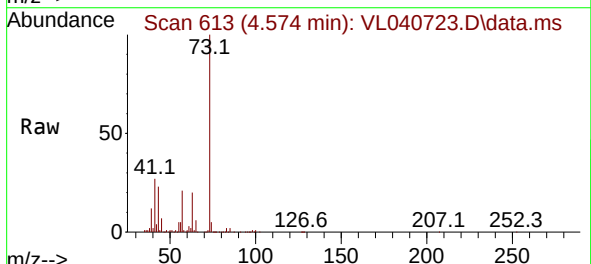
Tgt Ion: 76 Resp: 189362
Ion Ratio Lower Upper
76 100
44 17.1 14.5 21.7
78 9.2 7.7 11.5

Manual Integrations
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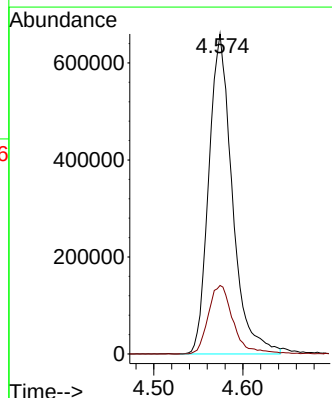
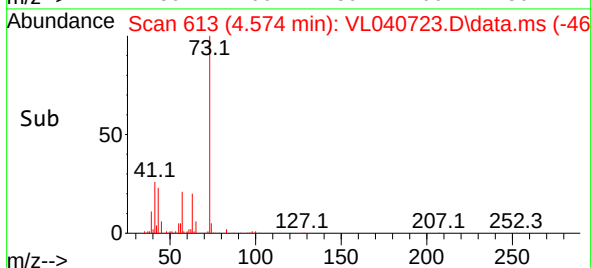
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

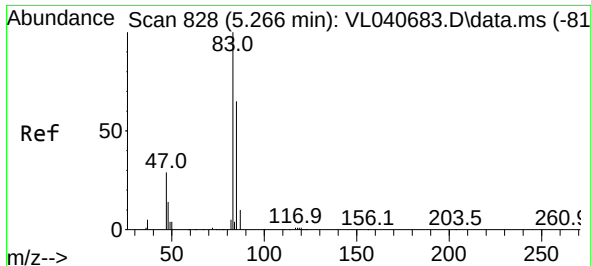


#28
Methyl tert-Butyl Ether
Concen: 10.861 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.016 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04



Tgt Ion: 73 Resp: 1209893
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2





#29

Chloroform

Concen: 9.255 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.023 min

Lab File: VL040723.D

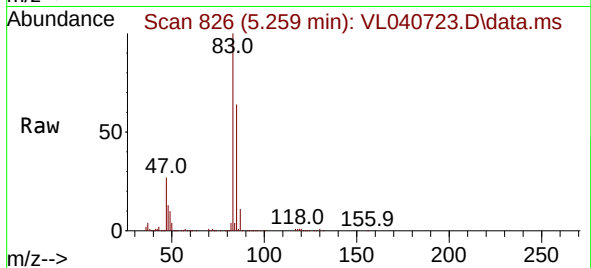
Acq: 27 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS02



Tgt Ion: 83 Resp: 206879

Ion Ratio Lower Upper

83 100

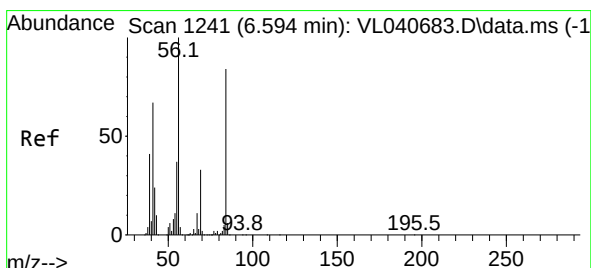
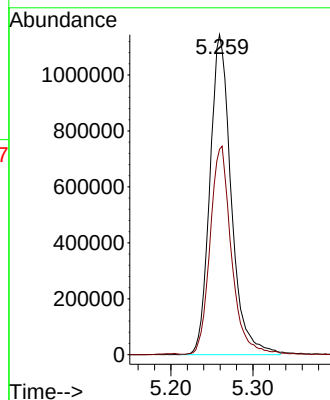
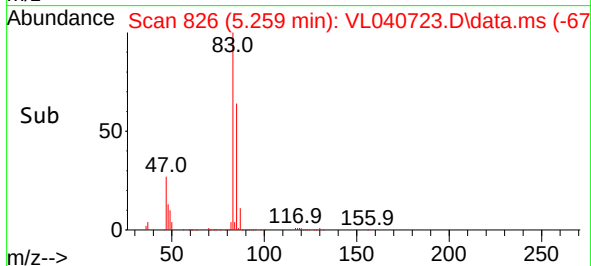
85 64.0 51.8 77.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#30

Cyclohexane

Concen: 11.460 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. -0.029 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

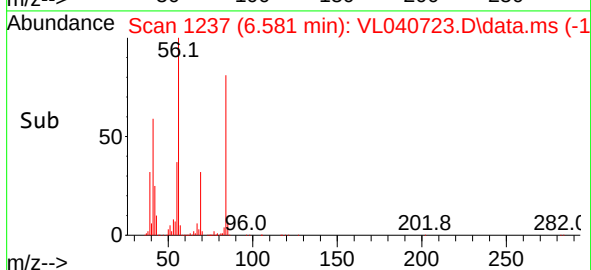
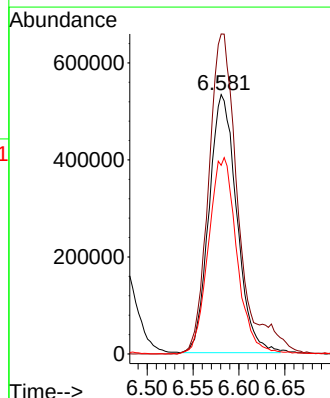
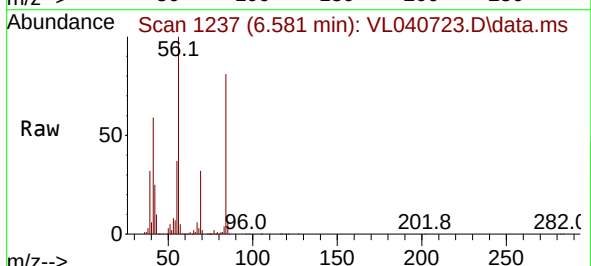
Tgt Ion: 84 Resp: 1117340

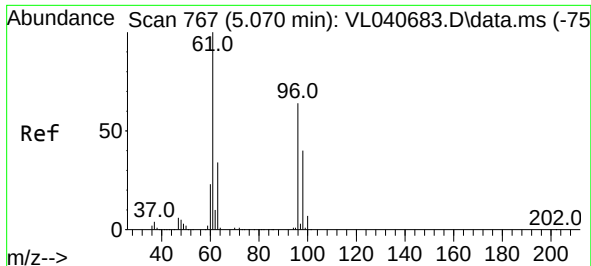
Ion Ratio Lower Upper

84 100

56 133.0 103.2 154.8

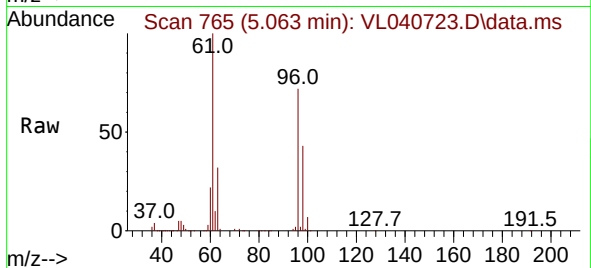
41 78.6 65.5 98.3





#31
 cis-1,2-Dichloroethene
 Concen: 11.033 ppbv
 RT: 5.063 min Scan# 70
 Delta R.T. -0.023 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04

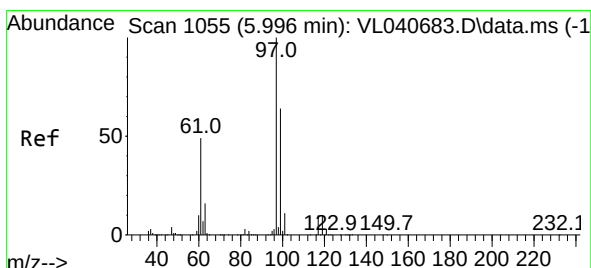
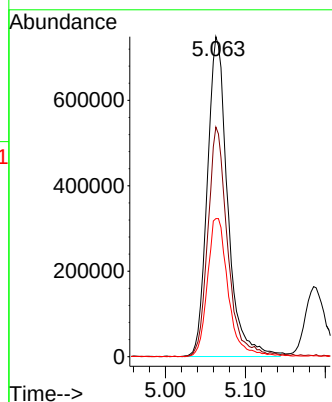
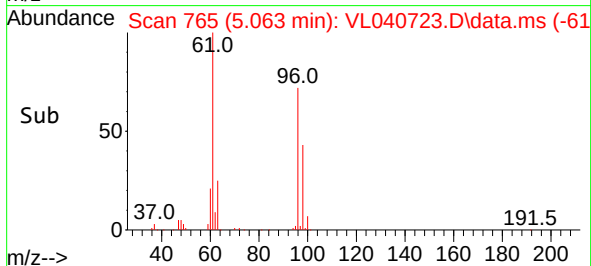
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABS02



Tgt Ion: 61 Resp: 132533
 Ion Ratio Lower Upper
 61 100
 96 71.7 51.2 76.8
 98 43.1 32.3 48.5

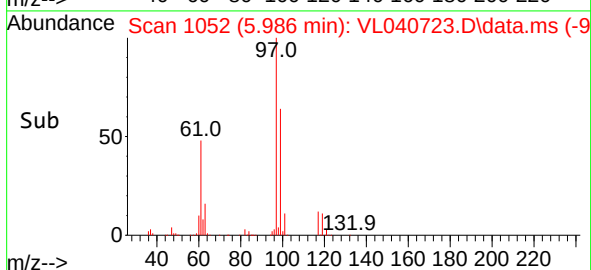
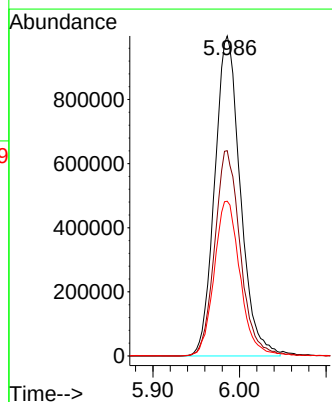
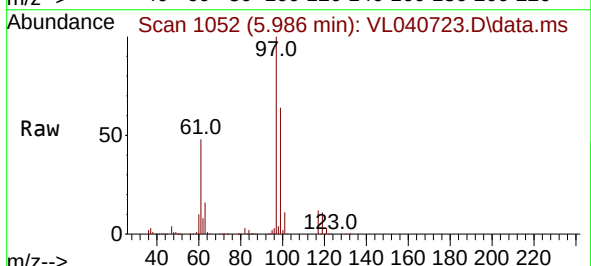
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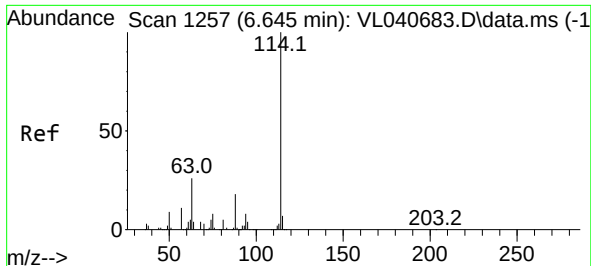
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#32
 1,1,1-Trichloroethane
 Concen: 8.986 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. -0.026 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04

Tgt Ion: 97 Resp: 2053676
 Ion Ratio Lower Upper
 97 100
 99 64.3 52.4 78.6
 61 49.3 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 114

Delta R.T. -0.026 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS02

Tgt Ion:114 Resp: 352808

Ion Ratio Lower Upper

114 100

63 24.0 21.1 31.7

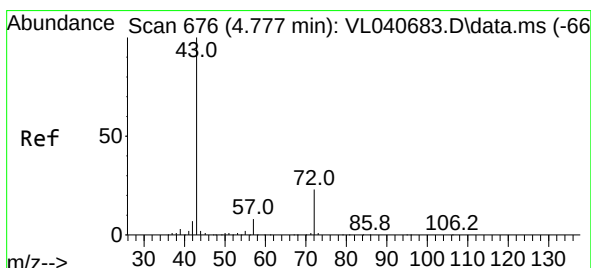
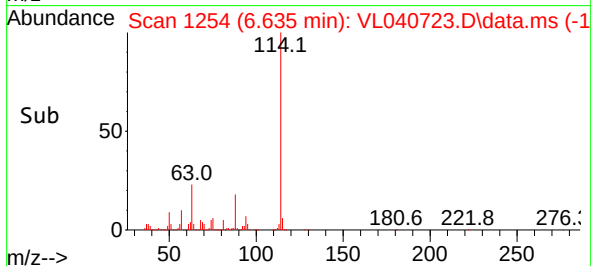
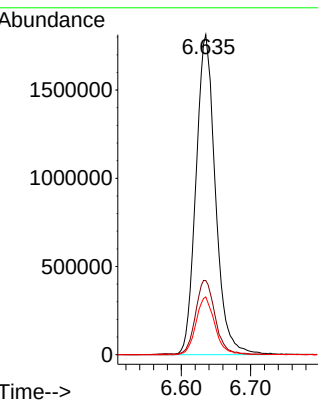
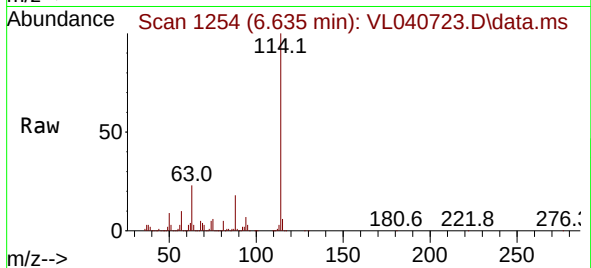
88 17.7 14.5 21.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#34

2-Butanone

Concen: 9.710 ppbv

RT: 4.770 min Scan# 674

Delta R.T. -0.019 min

Lab File: VL040723.D

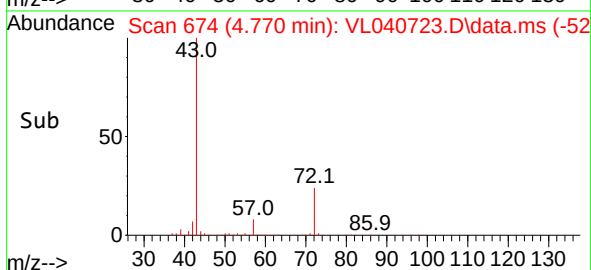
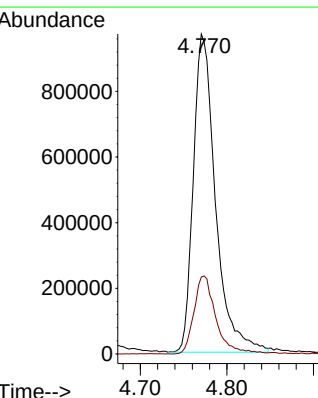
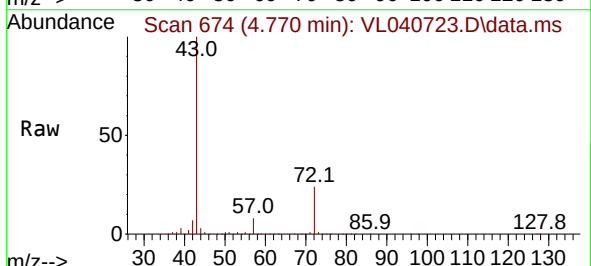
Acq: 27 Sep 2023 12:04

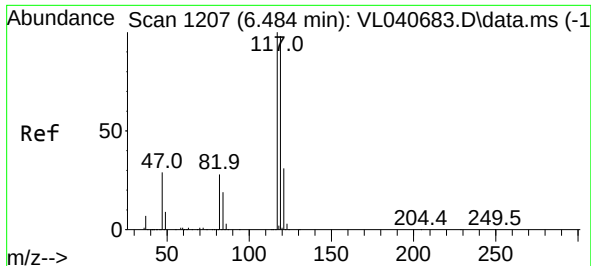
Tgt Ion: 43 Resp: 1722837

Ion Ratio Lower Upper

43 100

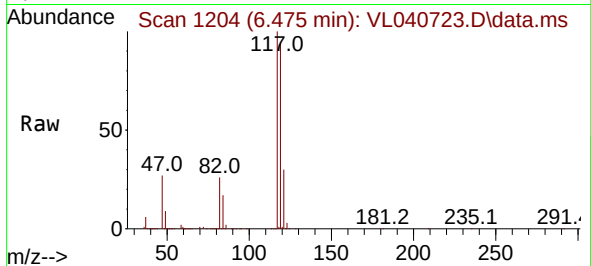
72 24.5 18.6 27.8





#35
Carbon Tetrachloride
Concen: 8.644 ppbv
RT: 6.475 min Scan# 1166
Delta R.T. -0.029 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

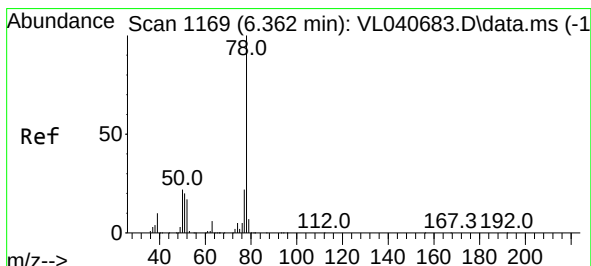
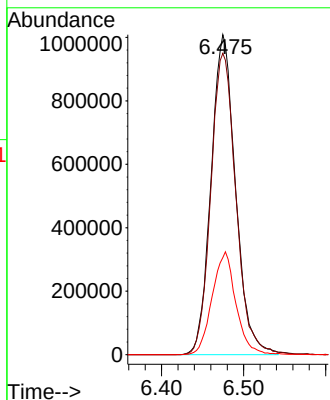
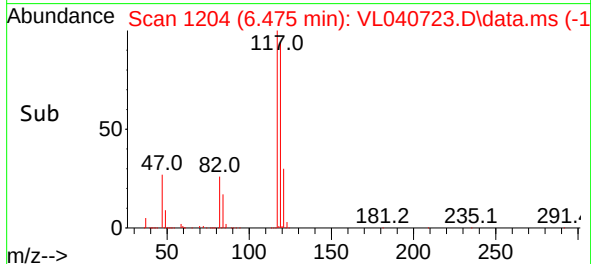
Instrument : MSVOA_L
ClientSampleId : VL0927ABS02



Tgt Ion: 117 Resp: 2094018
Ion Ratio Lower Upper
117 100
119 94.1 78.6 117.8
121 30.3 24.7 37.1

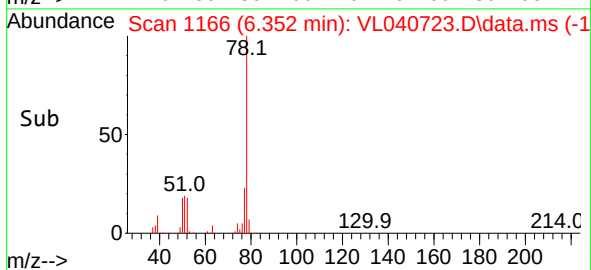
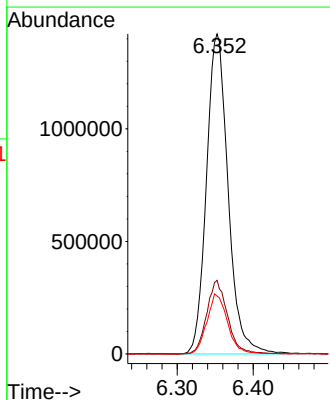
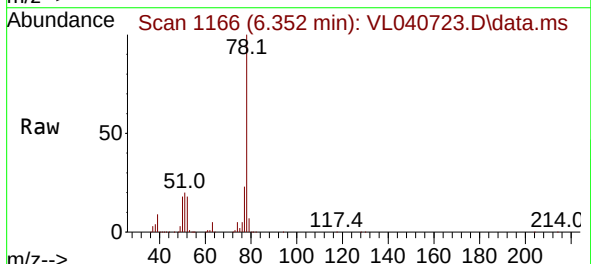
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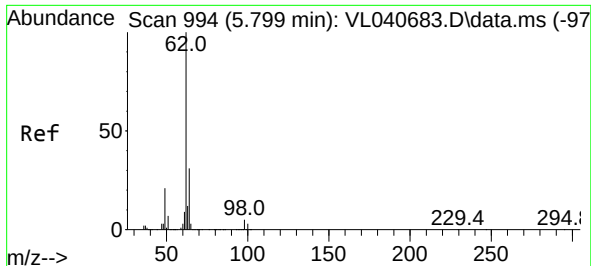
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#36
Benzene
Concen: 10.751 ppbv
RT: 6.352 min Scan# 1166
Delta R.T. -0.029 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Tgt Ion: 78 Resp: 2808690
Ion Ratio Lower Upper
78 100
77 23.0 17.9 26.9
50 18.1 17.3 25.9





#37

1,2-Dichloroethane

Concen: 8.574 ppbv

RT: 5.790 min Scan# 994

Delta R.T. -0.026 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS02

Tgt Ion: 62 Resp: 1533028

Ion Ratio Lower Upper

62 100

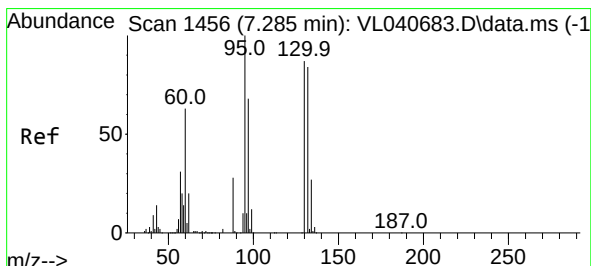
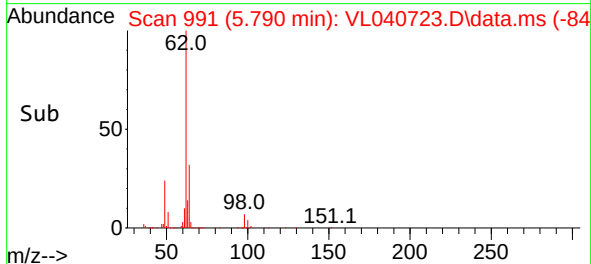
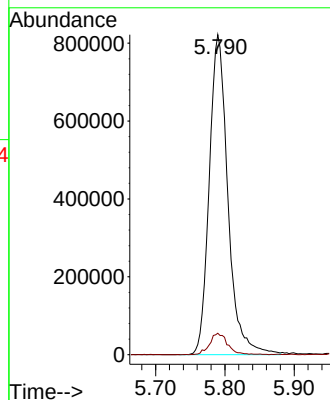
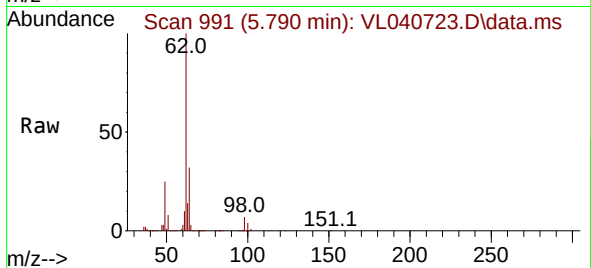
98 6.5 4.2 6.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#38

Trichloroethene

Concen: 11.081 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. -0.032 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

Tgt Ion:130 Resp: 1104053

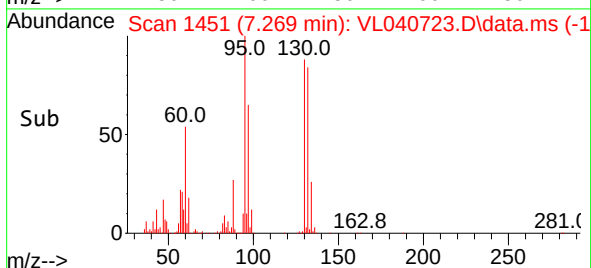
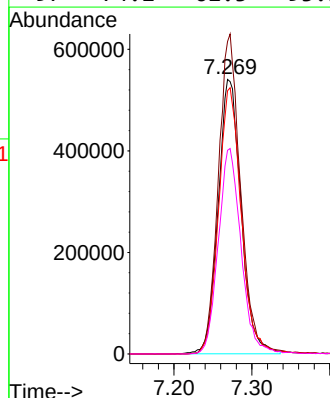
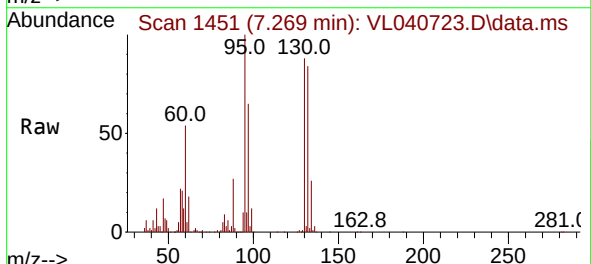
Ion Ratio Lower Upper

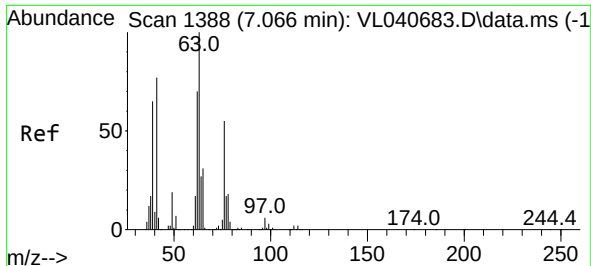
130 100

95 113.9 91.9 137.9

132 95.9 77.3 115.9

97 74.2 62.3 93.5





#39

1,2-Dichloropropane

Concen: 10.451 ppbv

RT: 7.053 min Scan# 1384

Delta R.T. -0.029 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS02

Tgt Ion: 63 Resp: 1050998

Ion Ratio Lower Upper

63 100

41 67.5 61.6 92.4

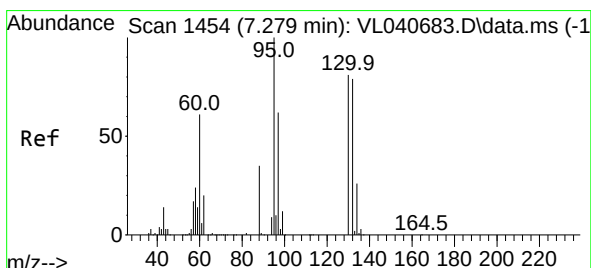
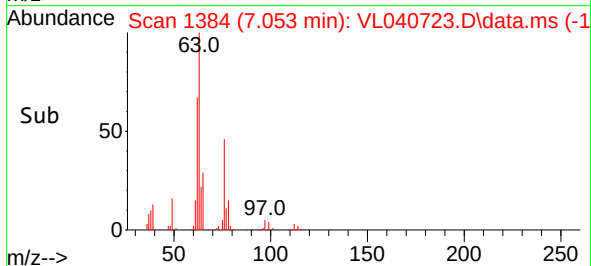
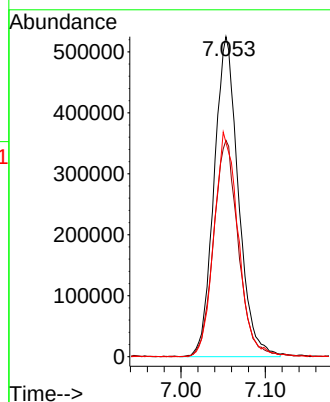
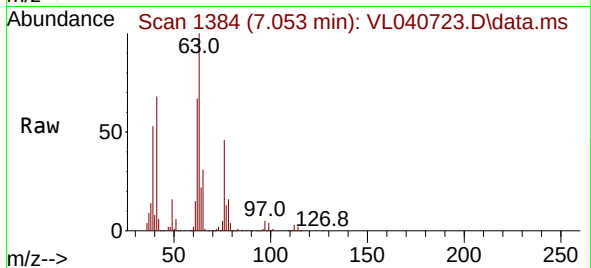
62 66.8 55.8 83.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#40

1,4-Dioxane

Concen: 10.089 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. -0.032 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

Tgt Ion: 88 Resp: 383540

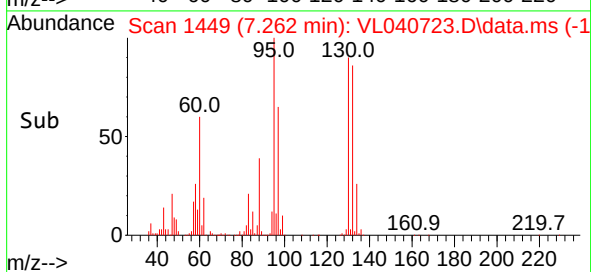
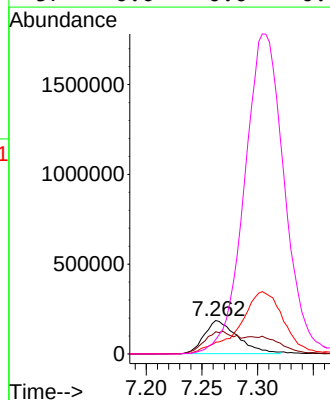
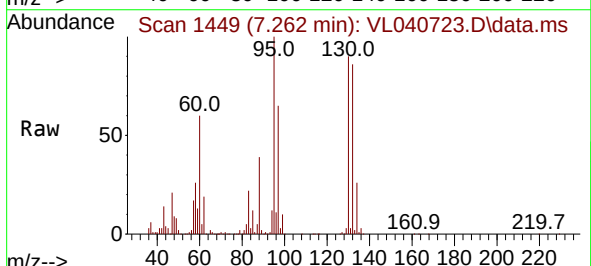
Ion Ratio Lower Upper

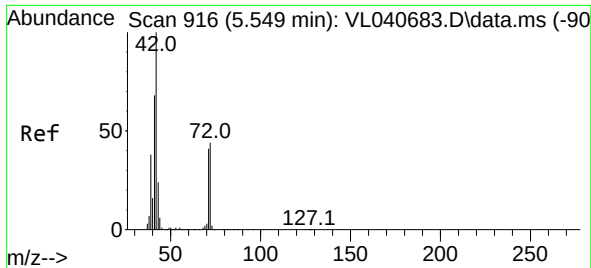
88 100

58 124.2 92.7 139.1

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 11.175 ppbv

RT: 5.539 min Scan# 916

Delta R.T. -0.023 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS02

Tgt Ion: 42 Resp: 1016728

Ion Ratio Lower Upper

42 100

72 44.1 34.9 52.3

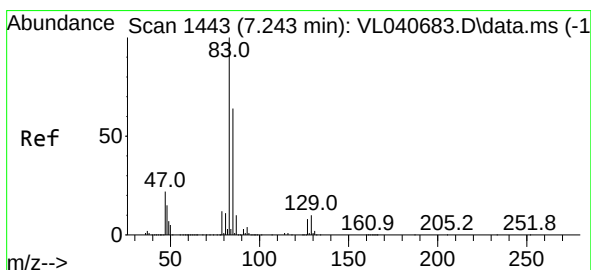
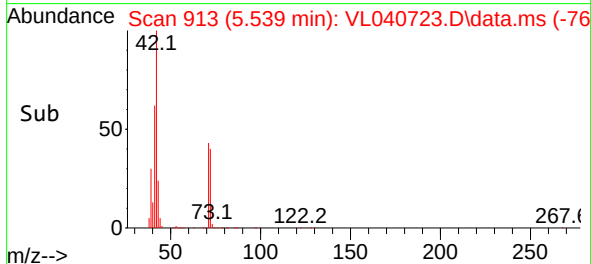
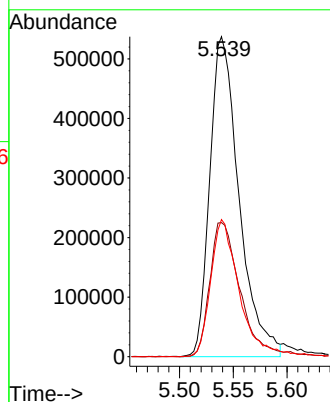
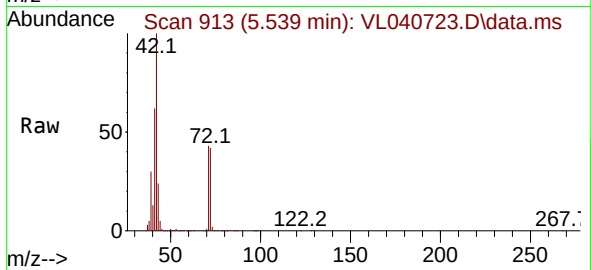
71 42.1 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#42

Bromodichloromethane

Concen: 9.316 ppbv

RT: 7.227 min Scan# 1438

Delta R.T. -0.032 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

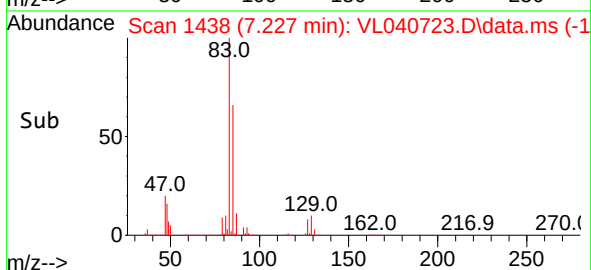
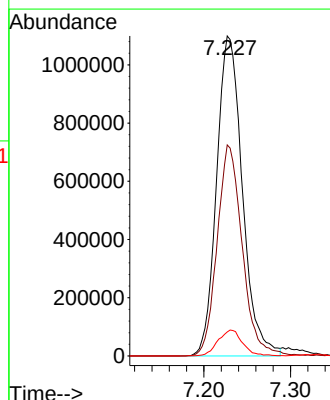
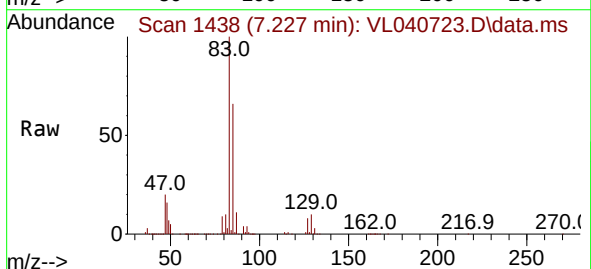
Tgt Ion: 83 Resp: 2272732

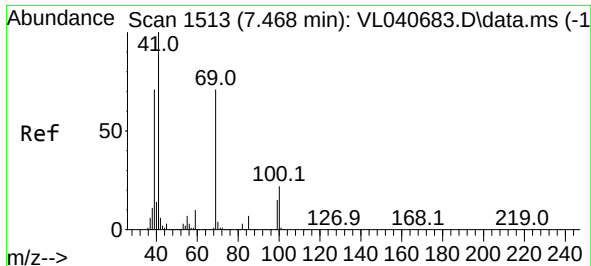
Ion Ratio Lower Upper

83 100

85 66.0 51.2 76.8

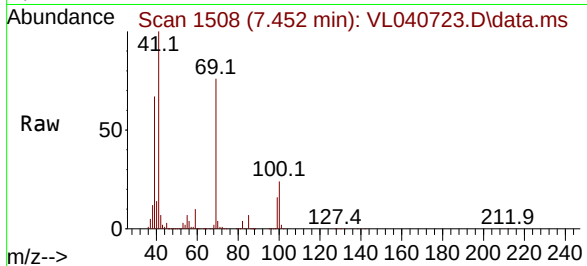
127 7.5 6.2 9.4





#43
Methyl Methacrylate
Concen: 11.623 ppbv
RT: 7.452 min Scan# 11
Delta R.T. -0.029 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

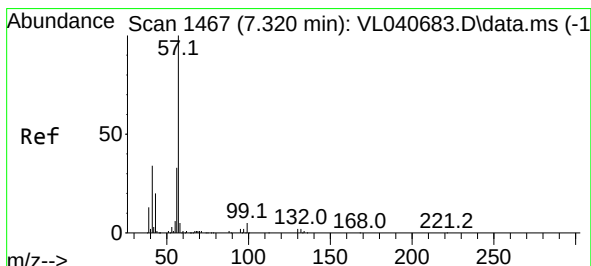
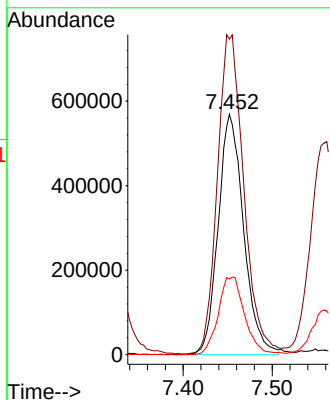
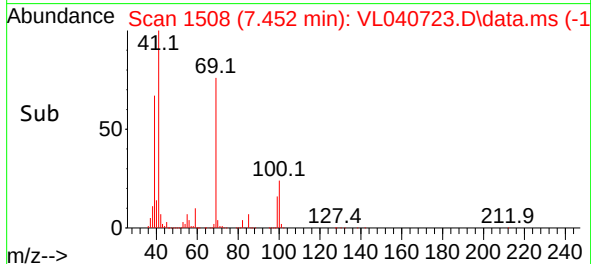
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



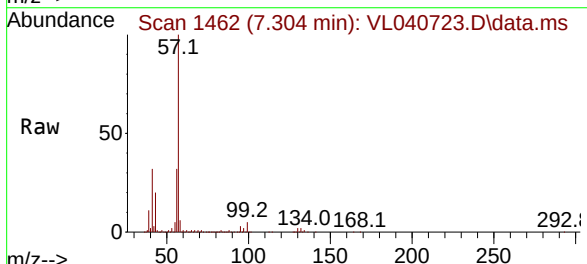
Tgt Ion: 69 Resp: 1128662
Ion Ratio Lower Upper
69 100
41 138.4 113.8 170.8
100 33.6 25.4 38.0

Manual Integrations
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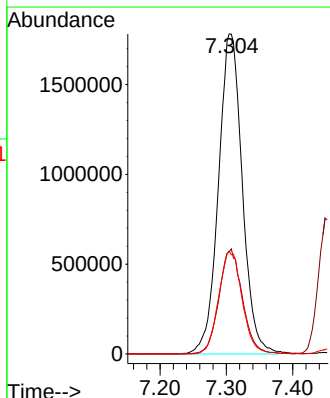
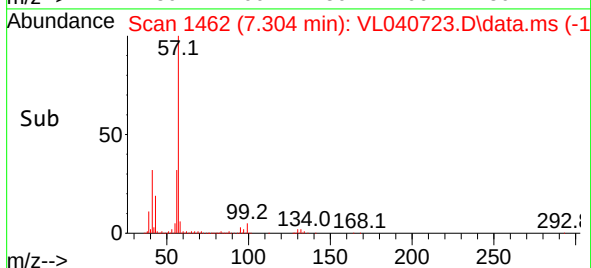
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

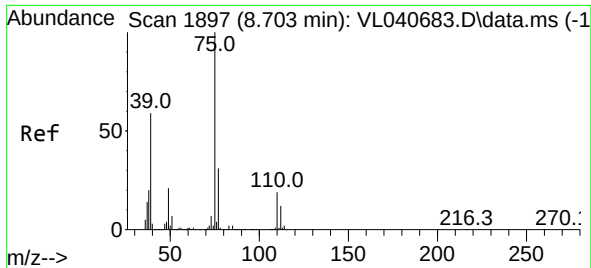


#44
2,2,4-Trimethylpentane
Concen: 10.711 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.032 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04



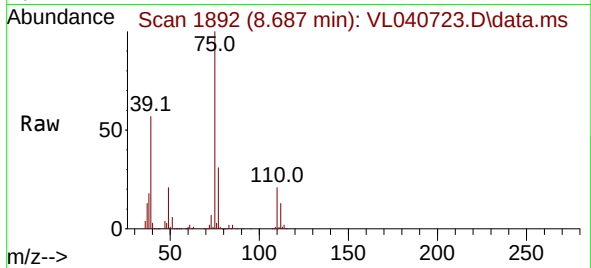
Tgt Ion: 57 Resp: 4455762
Ion Ratio Lower Upper
57 100
41 32.2 28.5 42.7
56 31.7 25.4 38.2





#45
t-1,3-Dichloropropene
Concen: 11.197 ppbv
RT: 8.687 min Scan# 1716
Delta R.T. -0.035 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

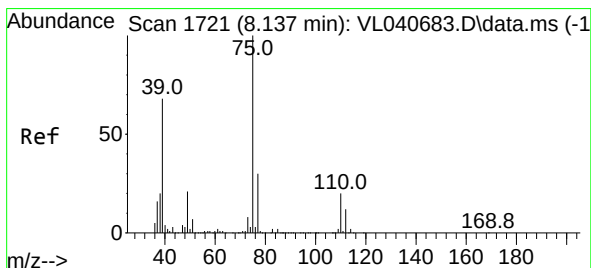
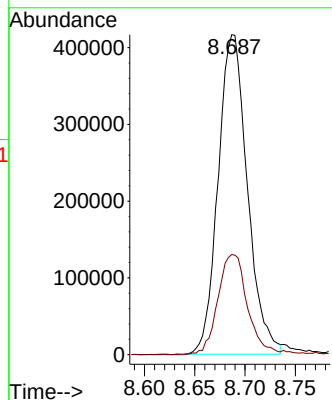
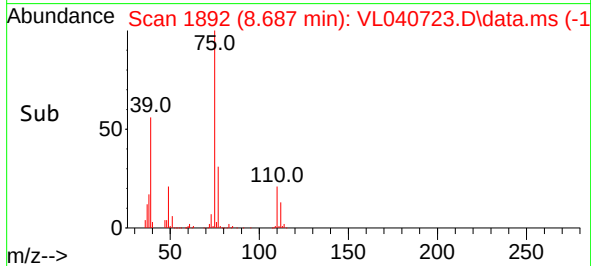
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



Tgt Ion: 75 Resp: 843150
Ion Ratio Lower Upper
75 100
77 31.3 24.5 36.7

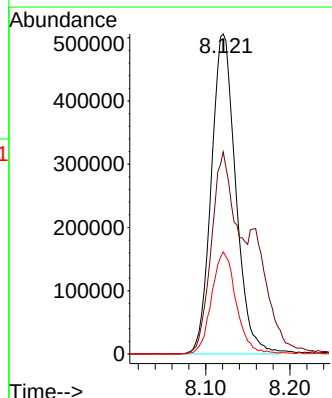
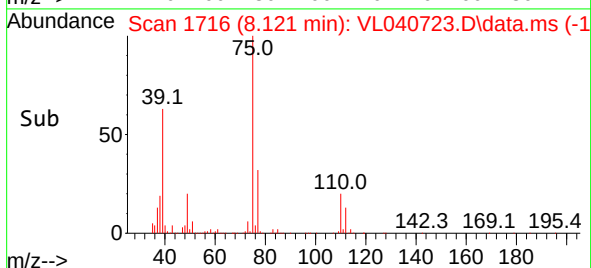
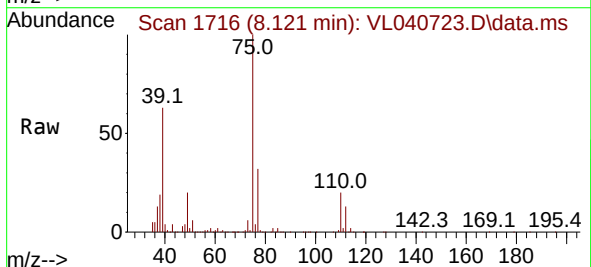
Manual Integrations
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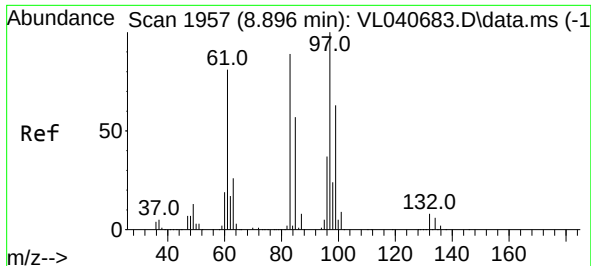
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#46
cis-1,3-Dichloropropene
Concen: 11.073 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. -0.029 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Tgt Ion: 75 Resp: 1020170
Ion Ratio Lower Upper
75 100
39 63.1 54.0 81.0
77 31.9 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 9.885 ppbv

RT: 8.873 min Scan# 1957

Delta R.T. -0.035 min

Lab File: VL040723.D

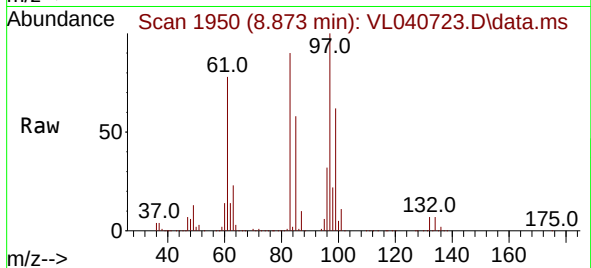
Acq: 27 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS02



Tgt Ion: 97 Resp: 114086

Ion Ratio Lower Upper

97 100

83 90.3 70.8 106.2

85 58.0 45.7 68.5

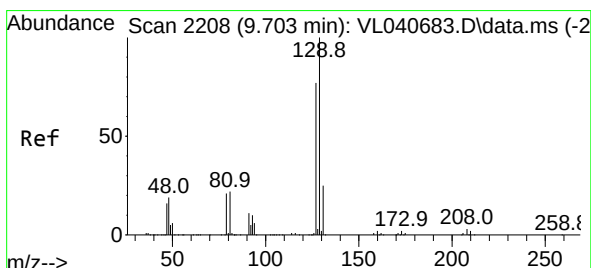
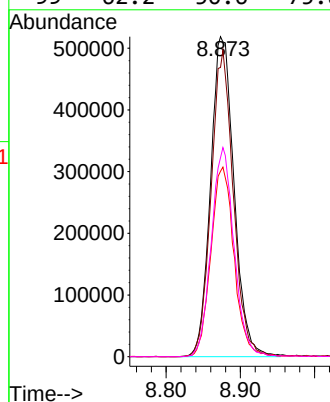
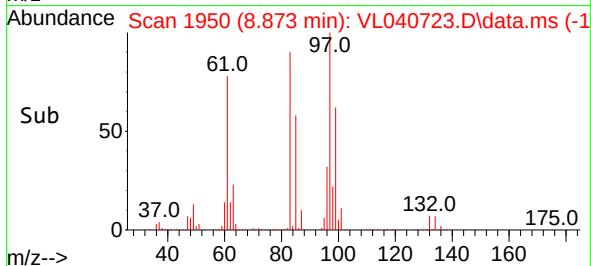
99 62.2 50.6 75.8

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#48

Dibromochloromethane

Concen: 10.200 ppbv

RT: 9.683 min Scan# 2202

Delta R.T. -0.039 min

Lab File: VL040723.D

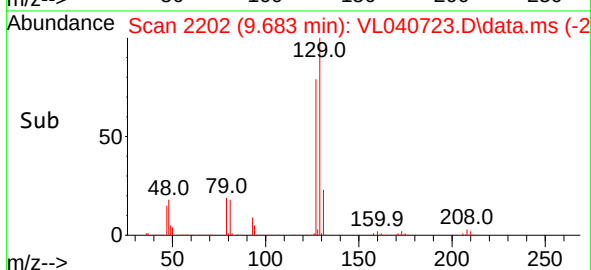
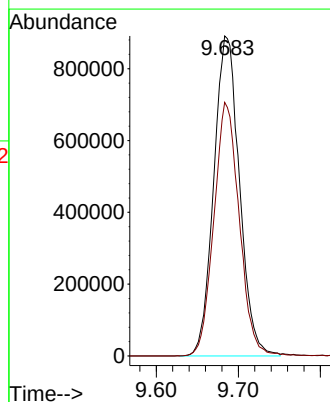
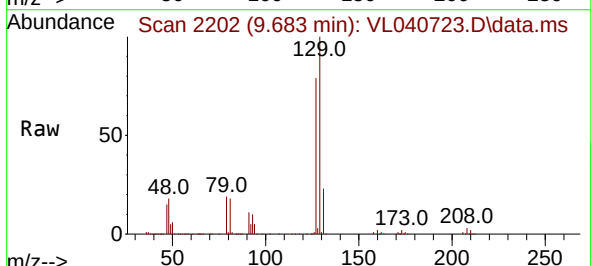
Acq: 27 Sep 2023 12:04

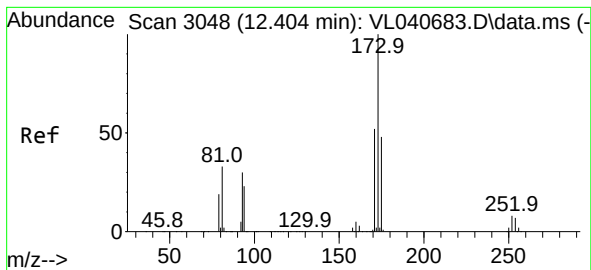
Tgt Ion:129 Resp: 1941952

Ion Ratio Lower Upper

129 100

127 78.6 39.4 118.2





#49

Bromoform

Concen: 10.228 ppbv

RT: 12.381 min Scan# 3048

Delta R.T. -0.039 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS02

Tgt Ion:173 Resp: 1599240

Ion Ratio Lower Upper

173 100

175 48.9 38.8 58.2

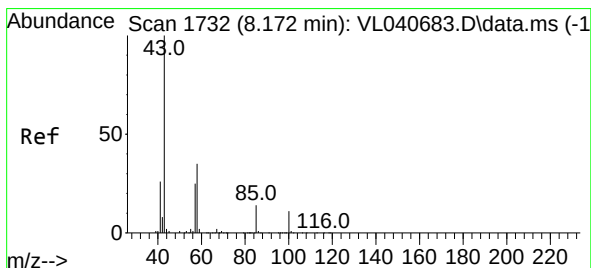
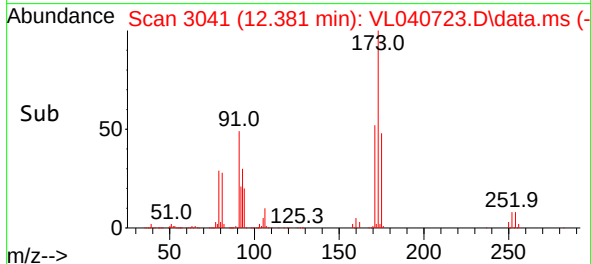
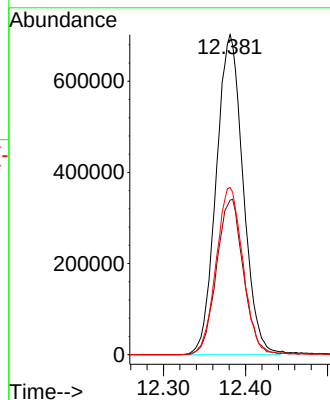
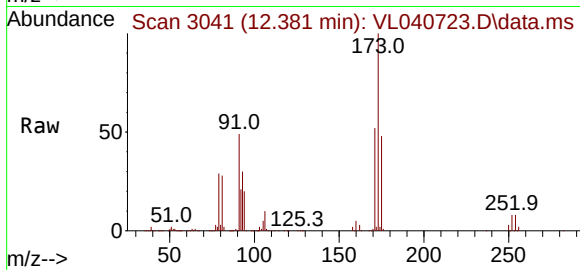
171 52.7 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#50

4-Methyl-2-Pentanone

Concen: 10.701 ppbv

RT: 8.159 min Scan# 1728

Delta R.T. -0.032 min

Lab File: VL040723.D

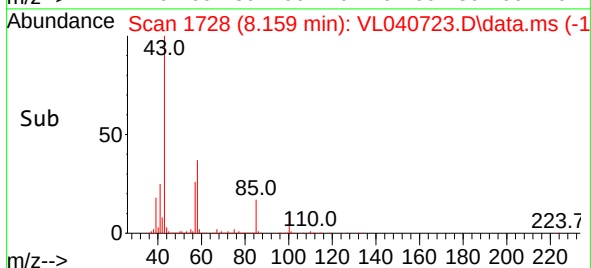
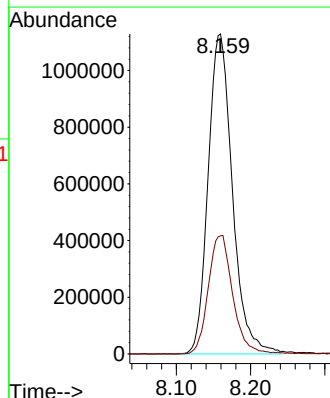
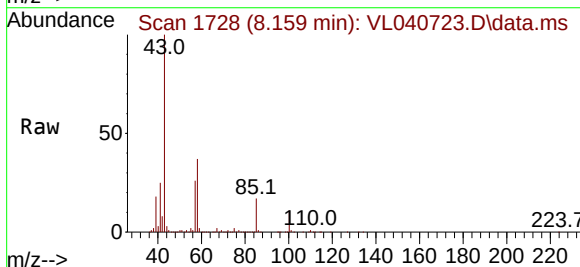
Acq: 27 Sep 2023 12:04

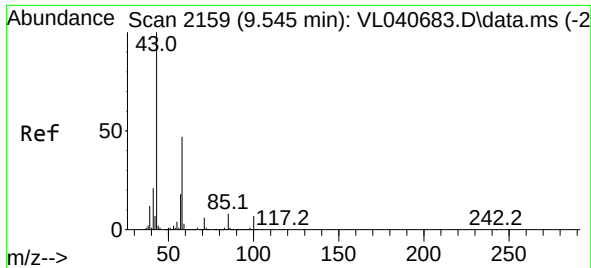
Tgt Ion: 43 Resp: 2565633

Ion Ratio Lower Upper

43 100

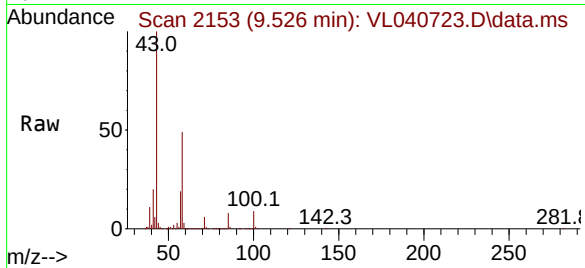
58 37.4 28.2 42.4





#51
2-Hexanone
Concen: 10.913 ppbv
RT: 9.526 min Scan# 2153
Delta R.T. -0.029 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

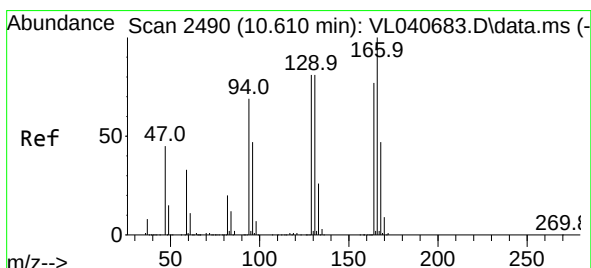
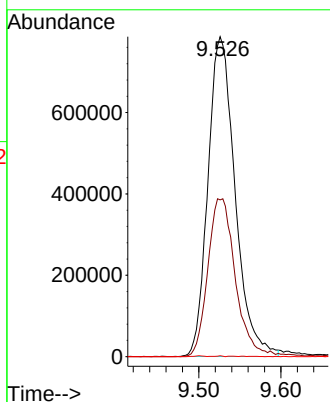
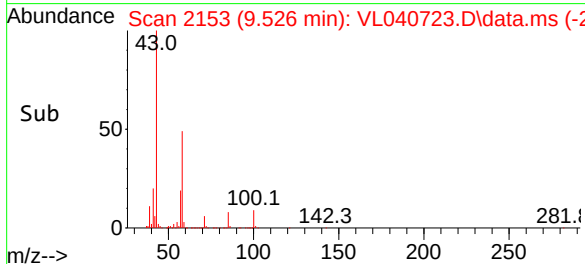
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



Tgt Ion: 43 Resp: 180586
Ion Ratio Lower Upper
43 100
58 50.8 37.6 56.4
98 0.2 0.6 1.0

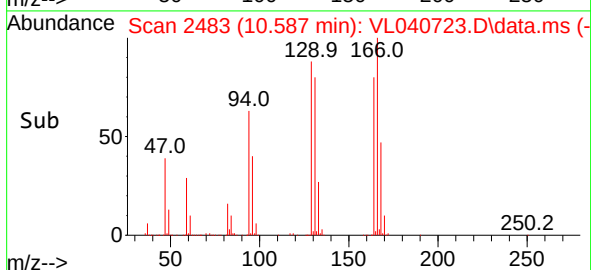
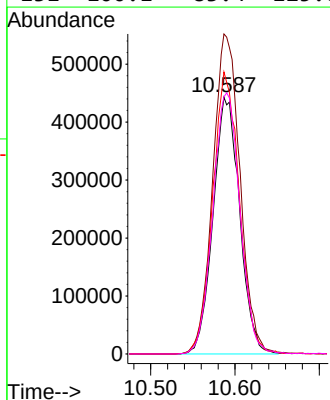
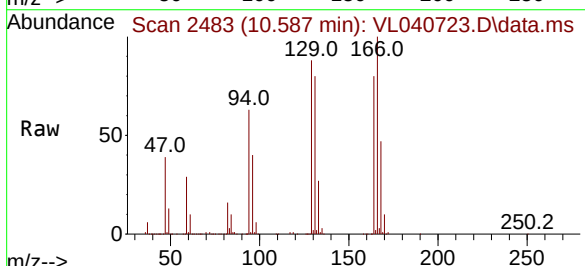
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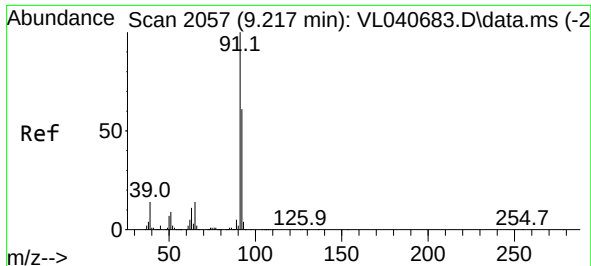
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#52
Tetrachloroethene
Concen: 11.357 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. -0.039 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Tgt Ion:164 Resp: 967843
Ion Ratio Lower Upper
164 100
166 124.5 103.4 155.2
129 109.7 83.5 125.3
131 100.1 83.4 125.0





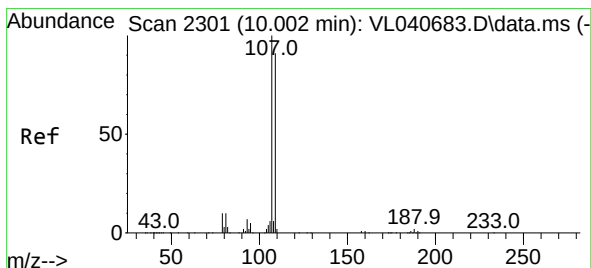
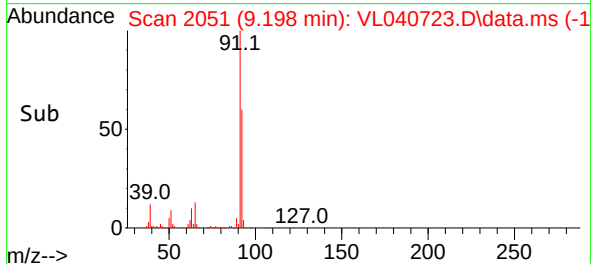
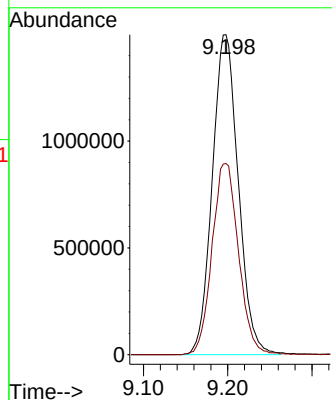
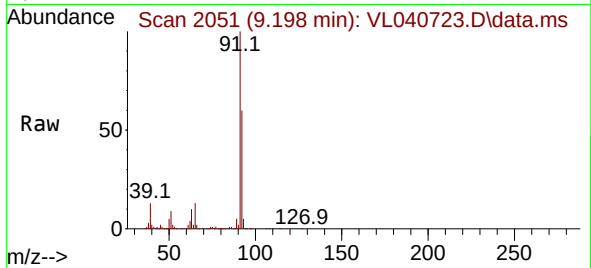
#53
Toluene
Concen: 11.639 ppbv
RT: 9.198 min Scan# 2057
Delta R.T. -0.032 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02

Tgt Ion: 91 Resp: 321025
Ion Ratio Lower Upper
91 100
92 60.8 48.5 72.7

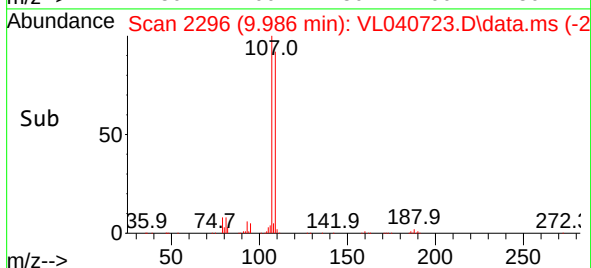
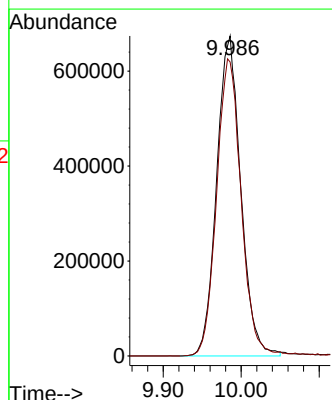
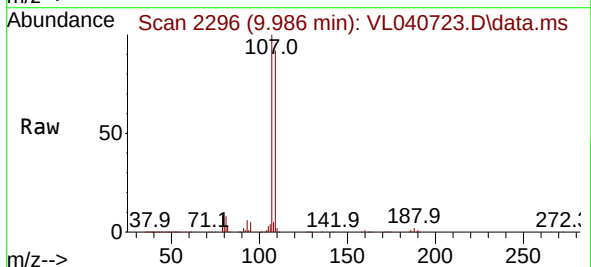
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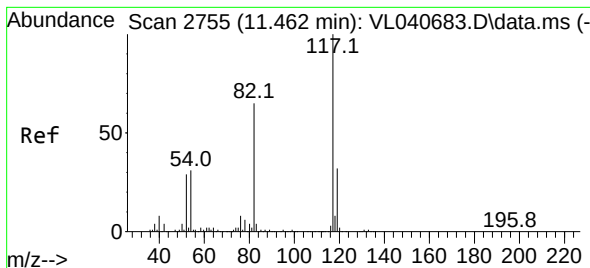
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#54
1,2-Dibromoethane
Concen: 9.830 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. -0.032 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Tgt Ion:107 Resp: 1448043
Ion Ratio Lower Upper
107 100
109 91.9 72.4 108.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.442 min Scan# 21

Delta R.T. -0.035 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS02

Tgt Ion:117 Resp: 3301239

Ion Ratio Lower Upper

117 100

82 61.0 51.4 77.0

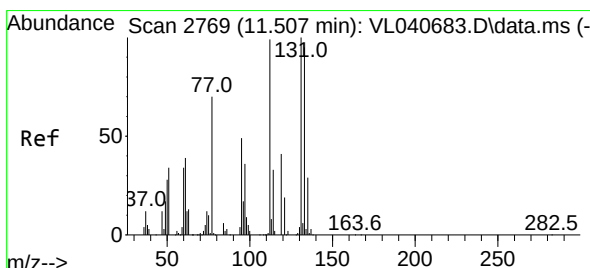
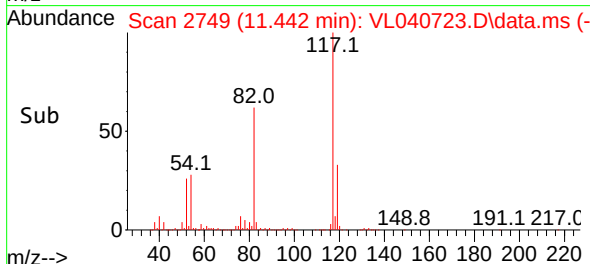
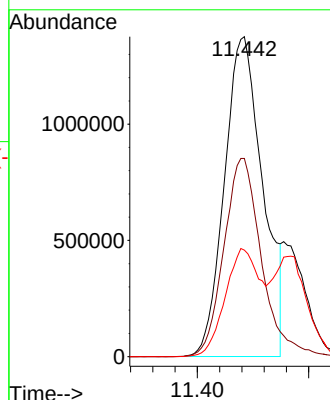
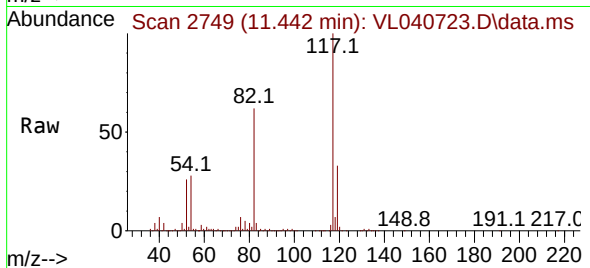
119 32.6 24.7 37.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#56

1,1,1,2-Tetrachloroethane

Concen: 9.204 ppbv

RT: 11.484 min Scan# 2762

Delta R.T. -0.035 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

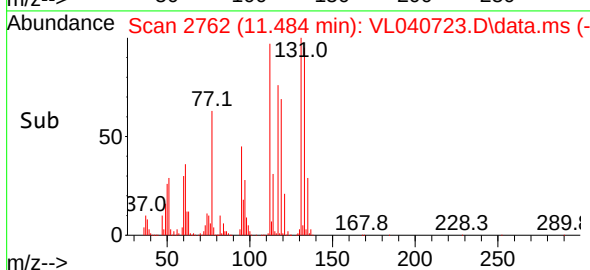
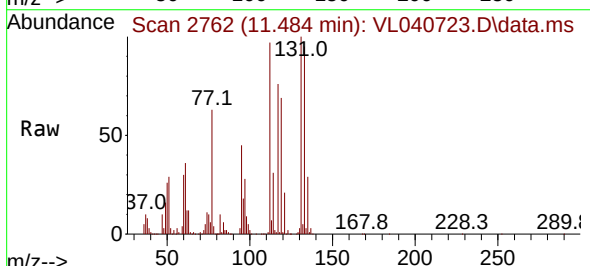
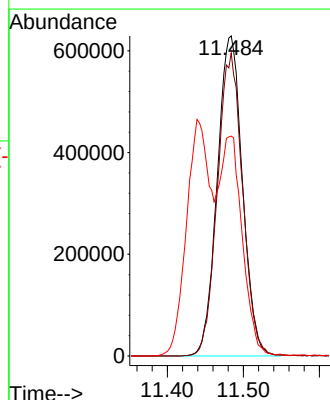
Tgt Ion:131 Resp: 1448310

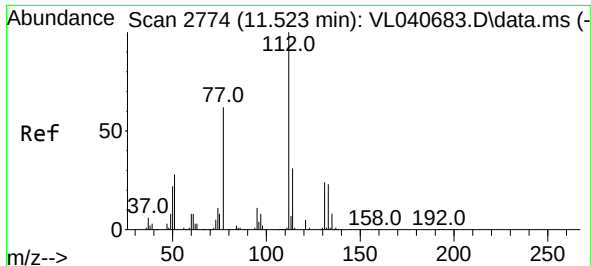
Ion Ratio Lower Upper

131 100

133 94.4 76.2 114.2

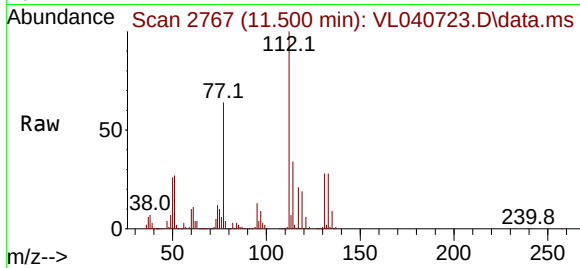
119 68.4 45.5 68.3#





#57
Chlorobenzene
Concen: 9.778 ppbv
RT: 11.500 min Scan# 21
Delta R.T. -0.035 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

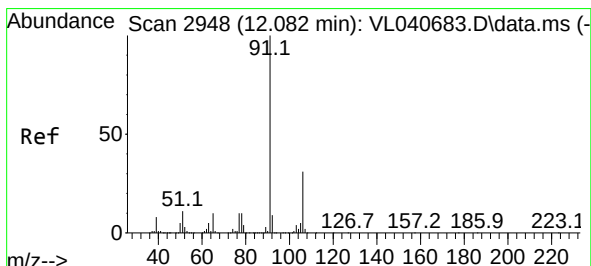
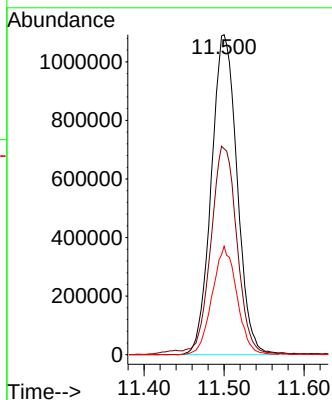
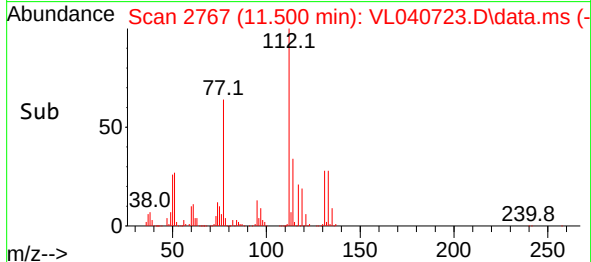
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



Tgt Ion:112 Resp: 244438
Ion Ratio Lower Upper
112 100
77 64.0 50.8 76.2
114 33.9 28.2 34.4

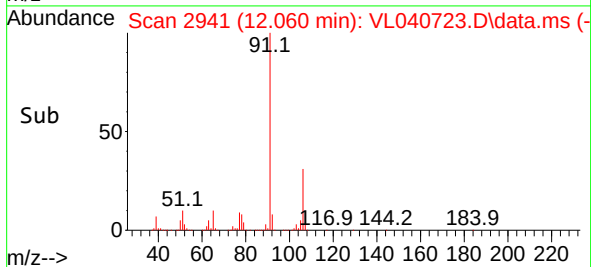
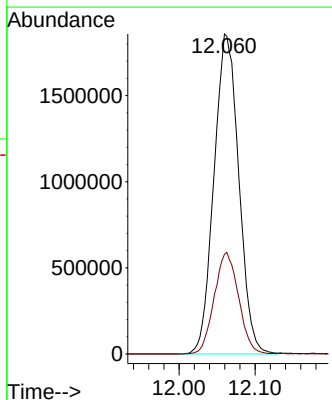
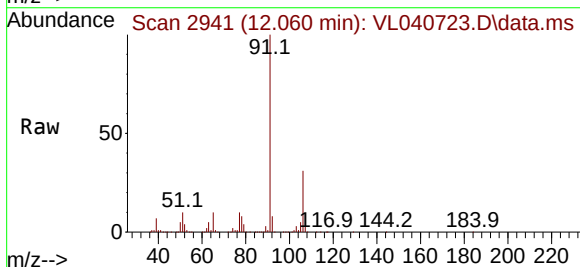
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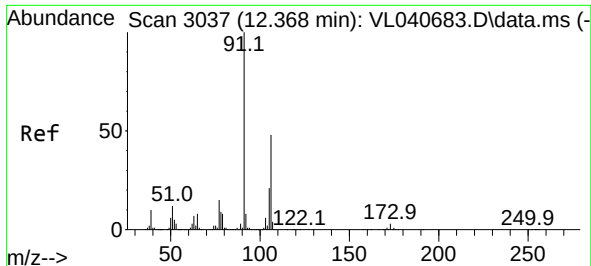
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#58
Ethyl Benzene
Concen: 11.179 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. -0.042 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Tgt Ion: 91 Resp: 4207491
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1





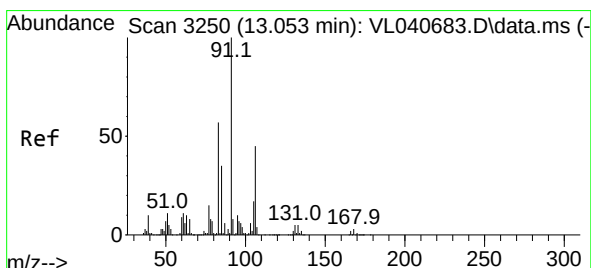
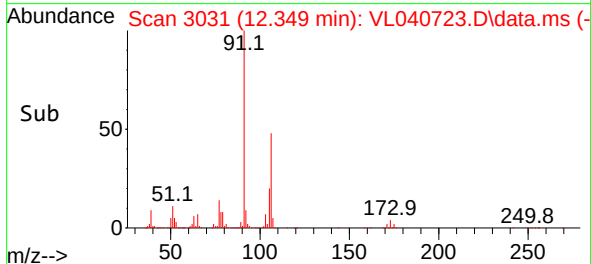
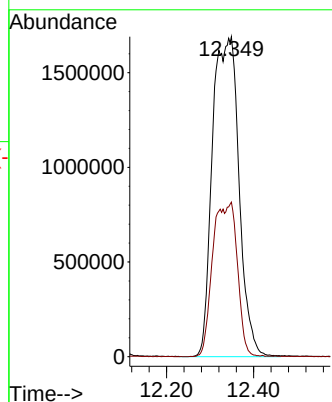
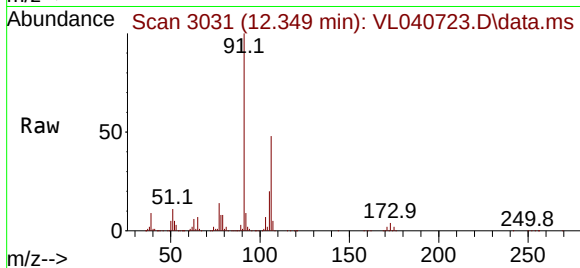
#59
m/p-Xylene
Concen: 20.185 ppbv m
RT: 12.349 min Scan# 3031
Delta R.T. -0.032 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02

Tgt Ion: 91 Resp: 713375
Ion Ratio Lower Upper
91 100
106 44.8 34.8 52.2

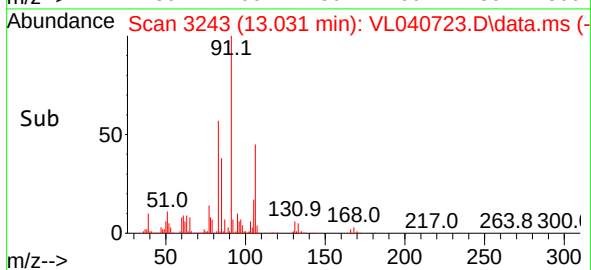
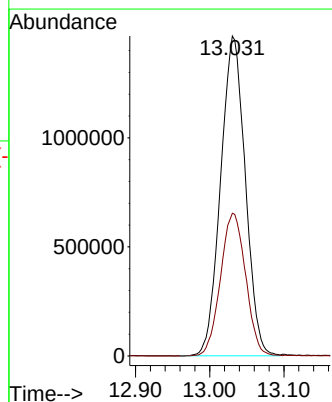
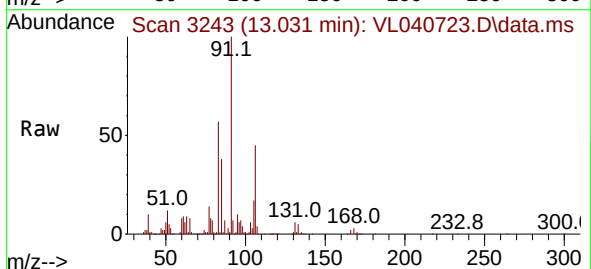
Manual Integrations
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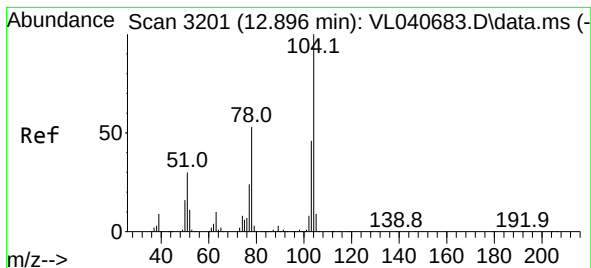
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#60
o-Xylene
Concen: 10.040 ppbv
RT: 13.031 min Scan# 3243
Delta R.T. -0.039 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Tgt Ion: 91 Resp: 3383892
Ion Ratio Lower Upper
91 100
106 45.6 22.3 66.9





#61

Styrene

Concen: 12.552 ppbv

RT: 12.873 min Scan# 3194

Delta R.T. -0.032 min

Lab File: VL040723.D

Acq: 27 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS02

Tgt Ion:104 Resp: 1773114

Ion Ratio Lower Upper

104 100

78 50.0 43.4 65.0

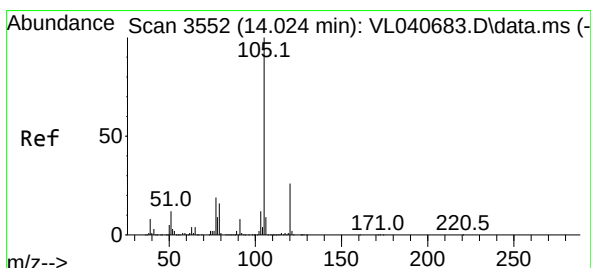
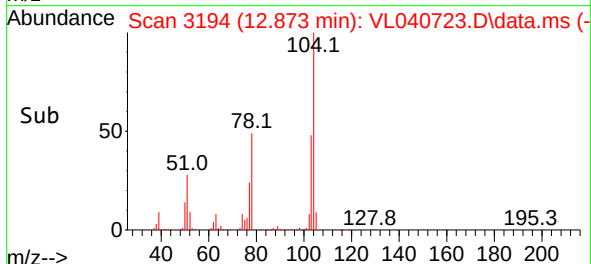
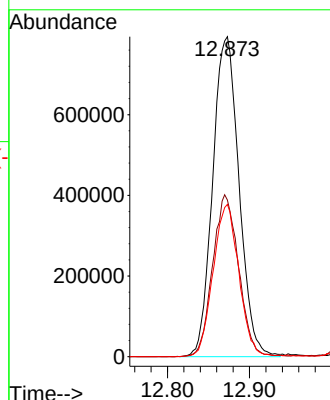
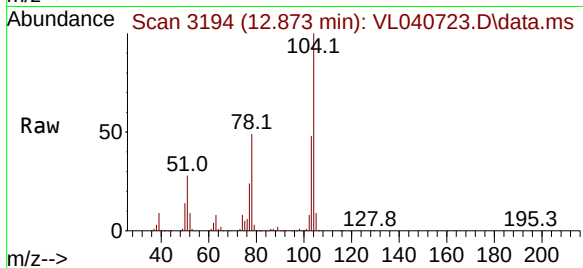
103 46.8 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#62

Isopropylbenzene

Concen: 9.761 ppbv

RT: 14.002 min Scan# 3545

Delta R.T. -0.035 min

Lab File: VL040723.D

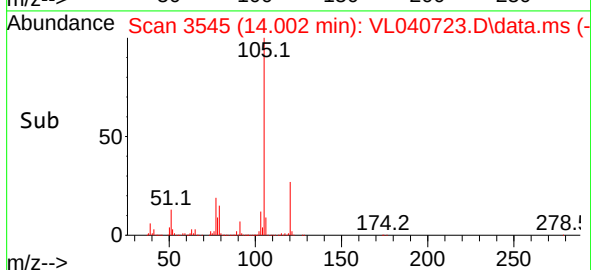
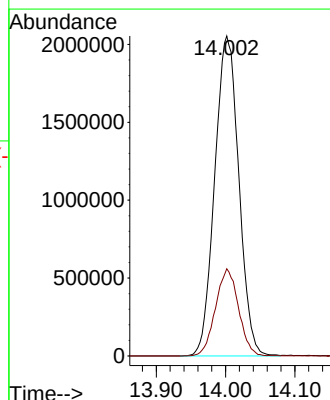
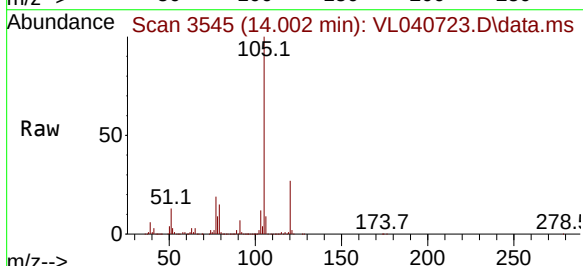
Acq: 27 Sep 2023 12:04

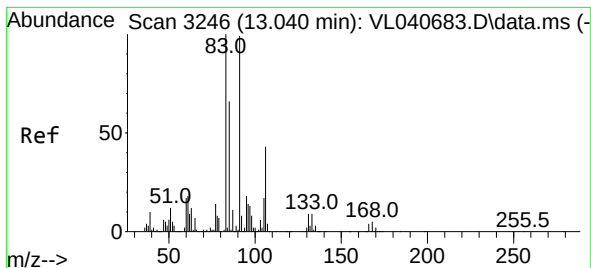
Tgt Ion:105 Resp: 4967300

Ion Ratio Lower Upper

105 100

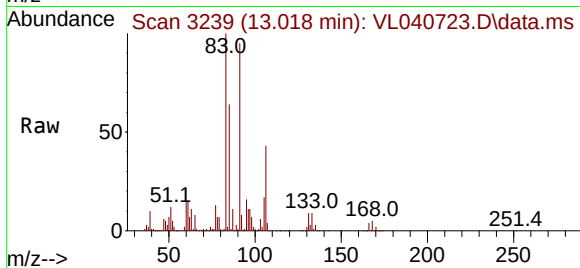
120 26.1 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.209 ppbv
RT: 13.018 min Scan# 31
Delta R.T. -0.039 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

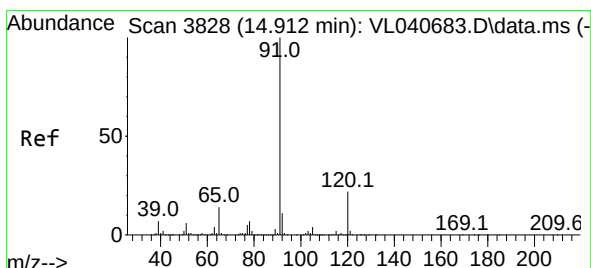
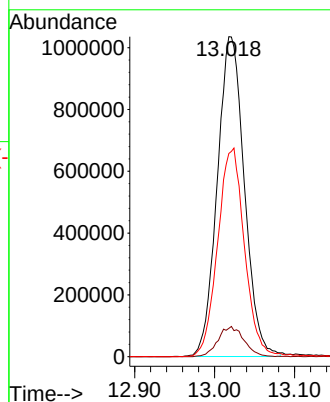
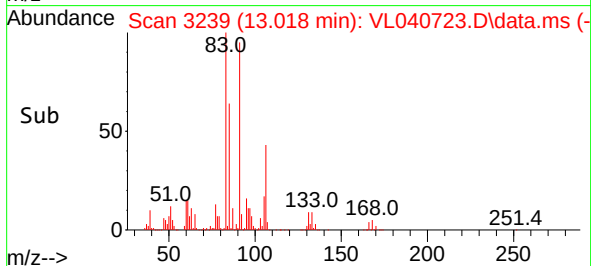
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



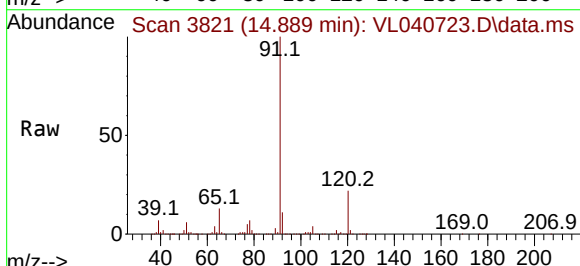
Tgt Ion: 83 Resp: 2432710
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.1
85 65.2 33.1 99.3

Manual Integrations
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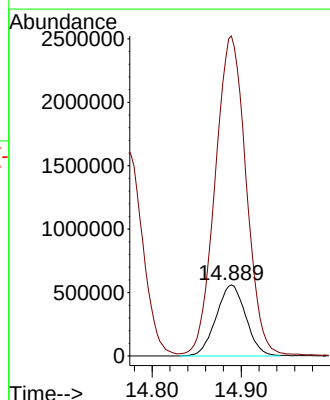
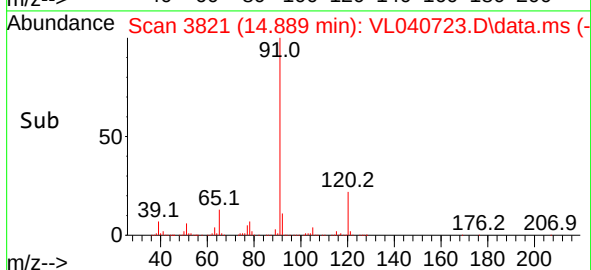
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

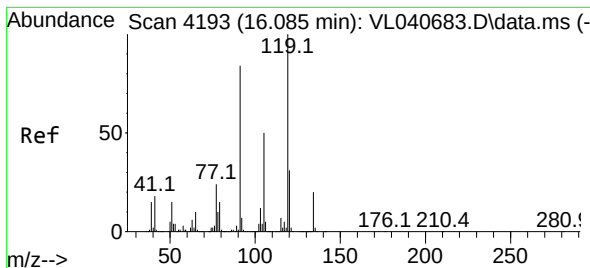


#64
n-propylbenzene
Concen: 10.150 ppbv
RT: 14.889 min Scan# 3821
Delta R.T. -0.035 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04



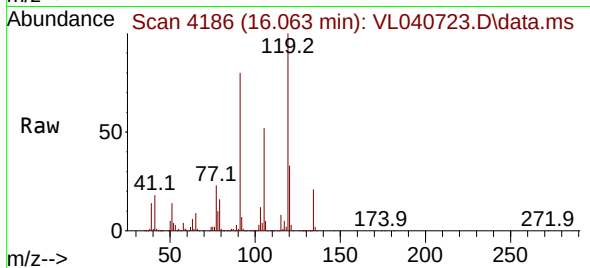
Tgt Ion:120 Resp: 1291524
Ion Ratio Lower Upper
120 100
91 473.6 386.9 580.3





#65
tert-Butylbenzene
Concen: 9.596 ppbv
RT: 16.063 min Scan# 4193
Delta R.T. -0.035 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

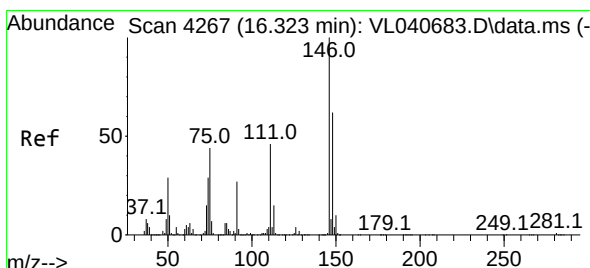
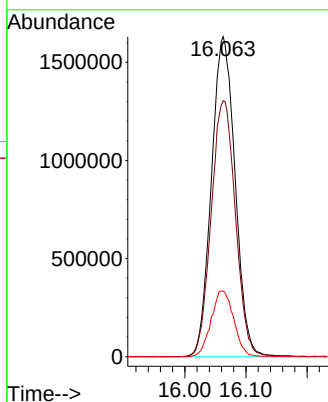
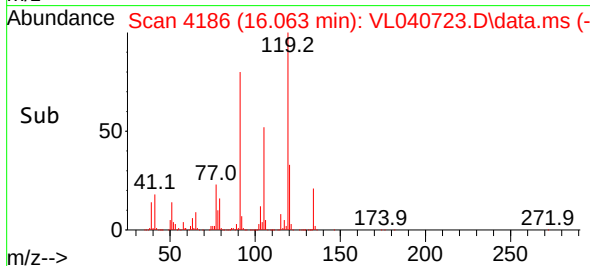
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



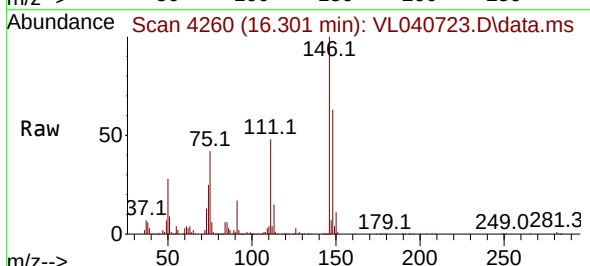
Tgt Ion: 119 Resp: 438282
Ion Ratio Lower Upper
119 100
91 82.0 69.8 104.8
134 19.7 15.4 23.2

Manual Integrations
APPROVED

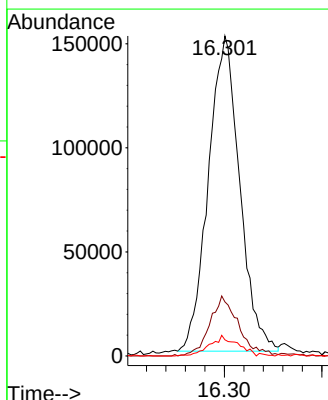
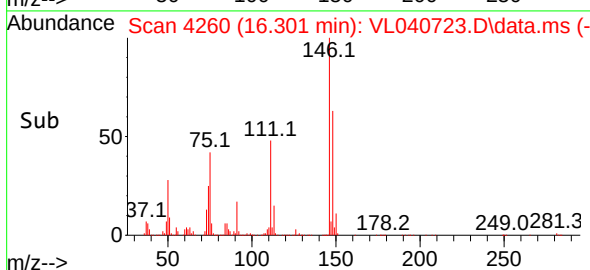
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

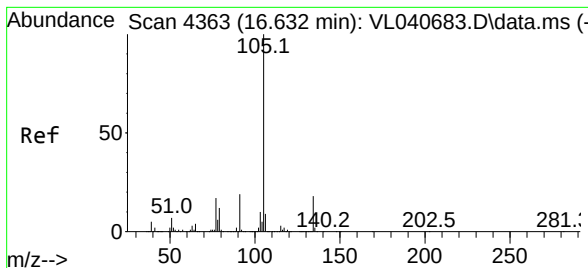


#66
Benzyl Chloride
Concen: 6.352 ppbv
RT: 16.301 min Scan# 4260
Delta R.T. -0.035 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04



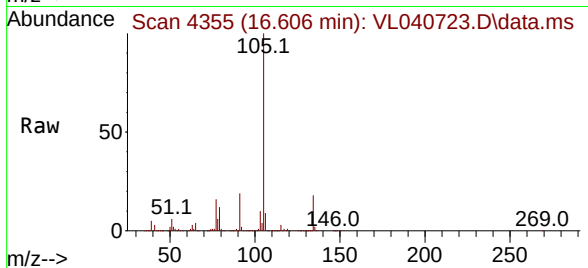
Tgt Ion: 91 Resp: 338587
Ion Ratio Lower Upper
91 100
126 17.9 13.6 20.4
128 6.2 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.346 ppbv
 RT: 16.606 min Scan# 41
 Delta R.T. -0.039 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04

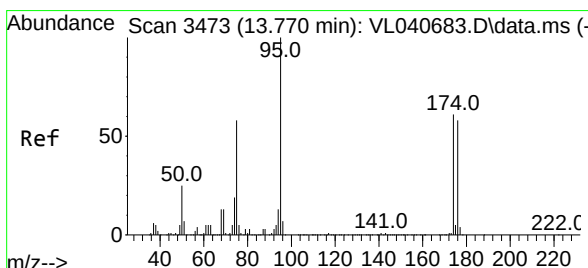
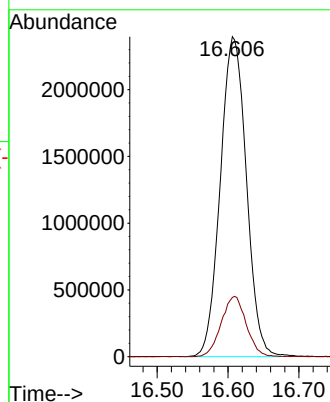
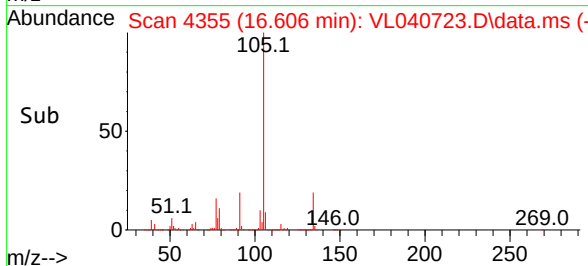
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABS02



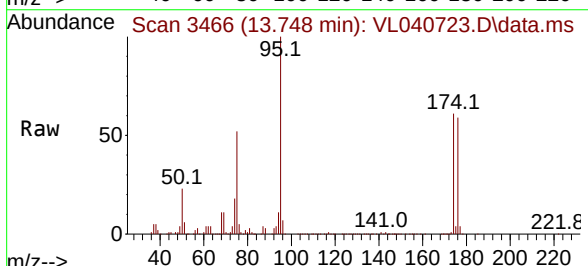
Tgt Ion:105 Resp: 611124
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.1 21.1

Manual Integrations
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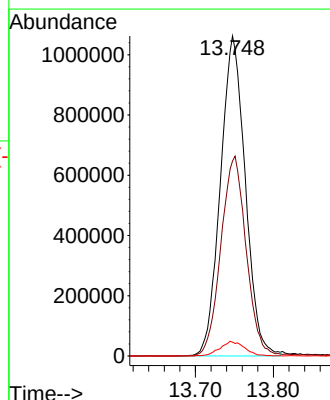
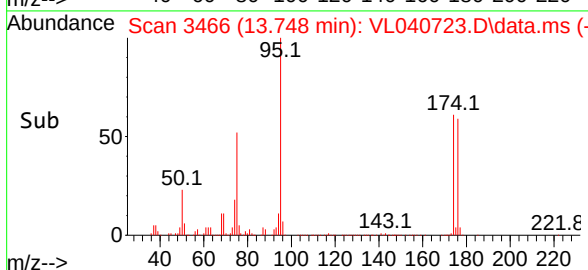
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

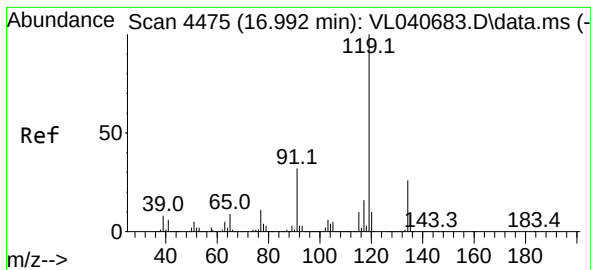


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.227 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. -0.039 min
 Lab File: VL040723.D
 Acq: 27 Sep 2023 12:04



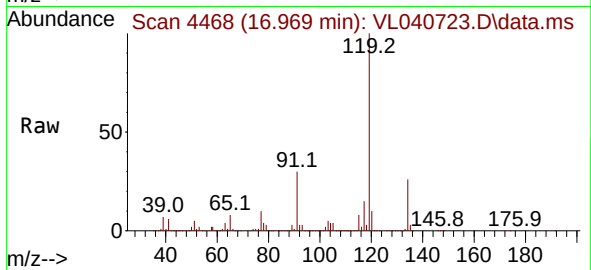
Tgt Ion: 95 Resp: 2353328
 Ion Ratio Lower Upper
 95 100
 174 63.9 48.9 73.3
 175 4.6 3.5 5.3





#69
p-Isopropyltoluene
Concen: 9.663 ppbv
RT: 16.969 min Scan# 4475
Delta R.T. -0.032 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

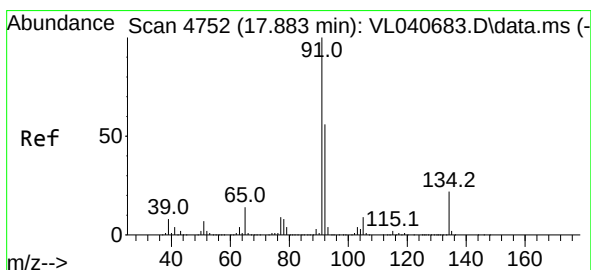
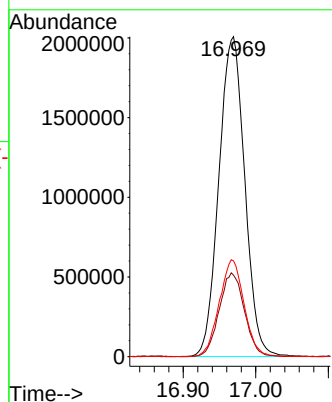
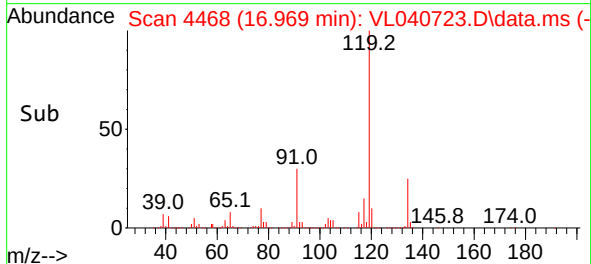
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



Tgt Ion:119 Resp: 4965762
Ion Ratio Lower Upper
119 100
134 25.7 20.2 30.2
91 29.2 25.0 37.6

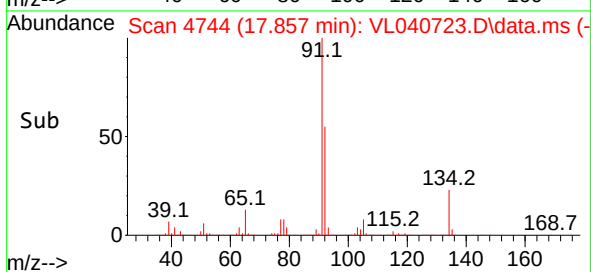
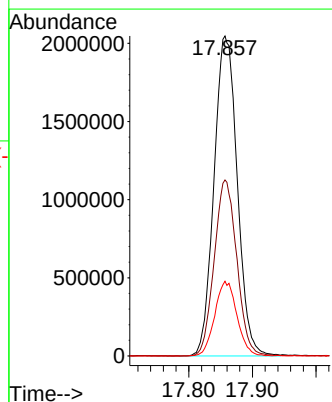
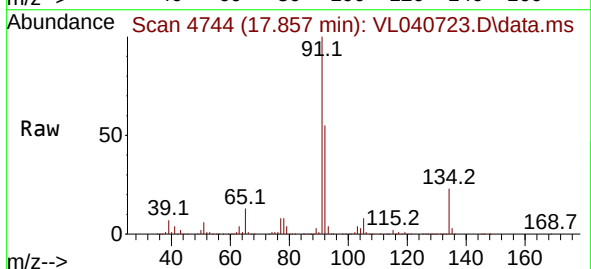
Manual Integrations
APPROVED

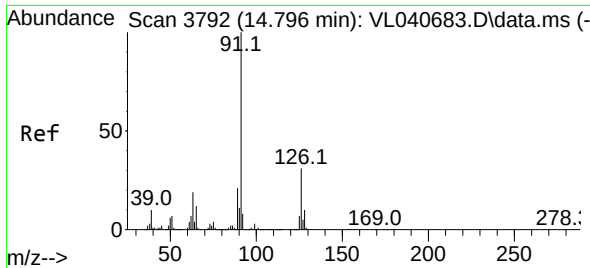
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#70
n-Butylbenzene
Concen: 9.179 ppbv
RT: 17.857 min Scan# 4744
Delta R.T. -0.039 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Tgt Ion: 91 Resp: 5191571
Ion Ratio Lower Upper
91 100
92 53.6 42.7 64.1
134 22.3 17.0 25.4





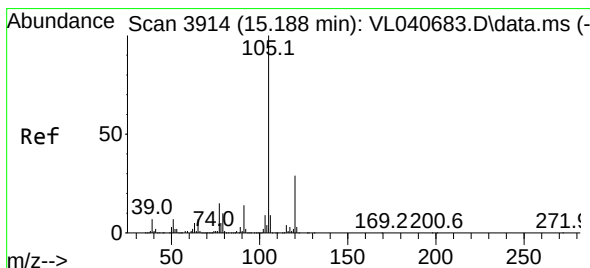
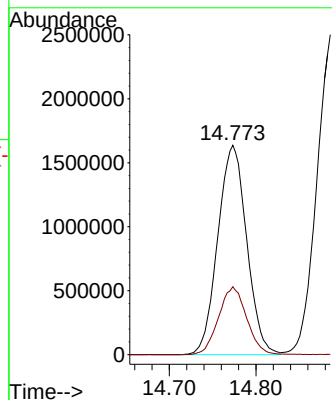
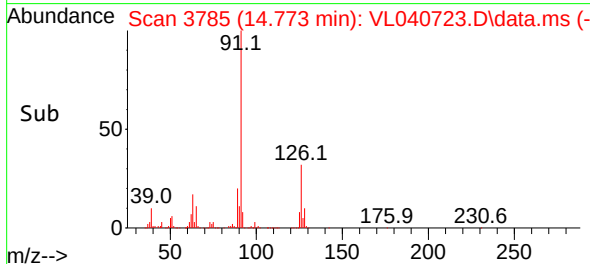
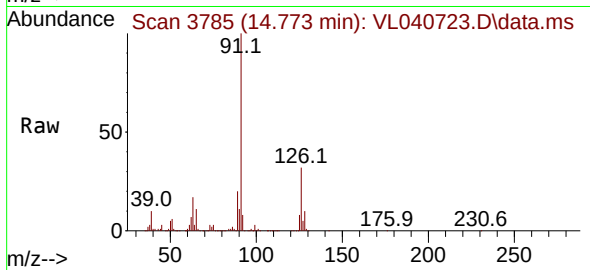
#71
2-Chlorotoluene
Concen: 10.058 ppbv
RT: 14.773 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02

Tgt Ion: 91 Resp: 3786900
Ion Ratio Lower Upper
91 100
126 31.6 12.0 47.8

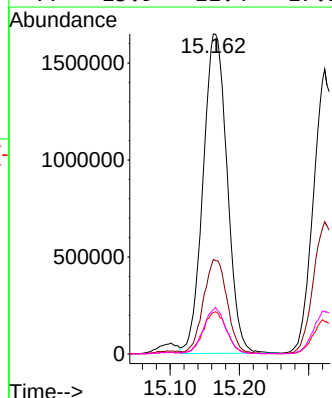
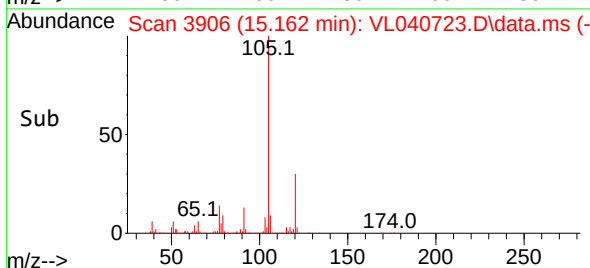
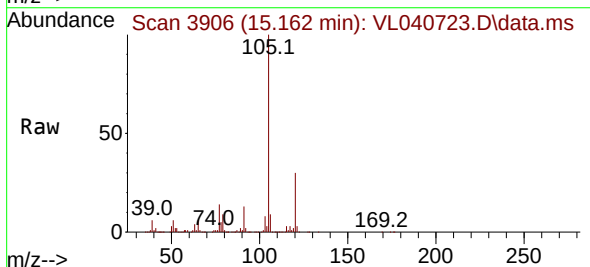
Manual Integrations
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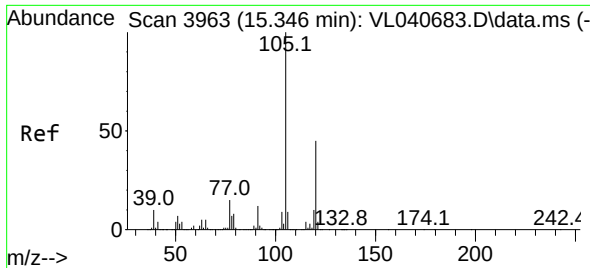
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#72
4-Ethyltoluene
Concen: 10.500 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. -0.039 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

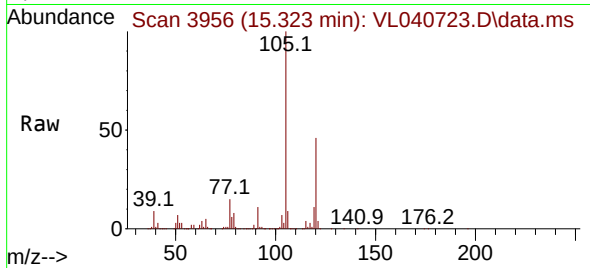
Tgt Ion:105 Resp: 3968770
Ion Ratio Lower Upper
105 100
120 30.4 23.9 35.9
91 12.9 11.0 16.4
77 13.9 11.4 17.2





#73
1,3,5-Trimethylbenzene
Concen: 9.951 ppbv
RT: 15.323 min Scan# 3963
Delta R.T. -0.039 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

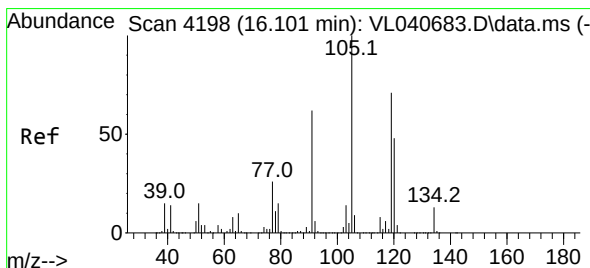
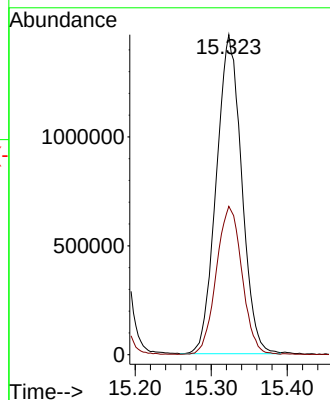
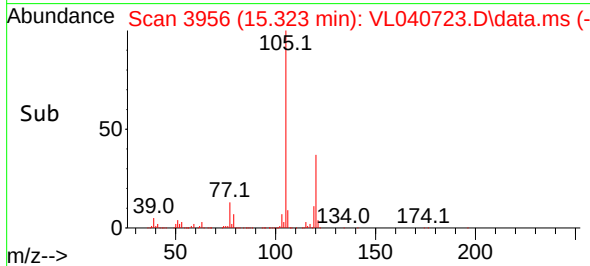
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



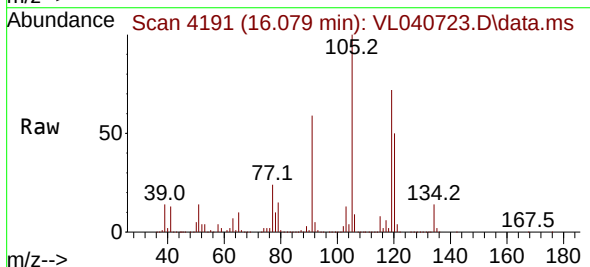
Tgt Ion:105 Resp: 338656
Ion Ratio Lower Upper
105 100
120 46.3 36.1 54.1

Manual Integrations
APPROVED

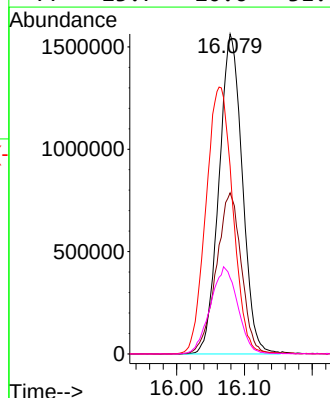
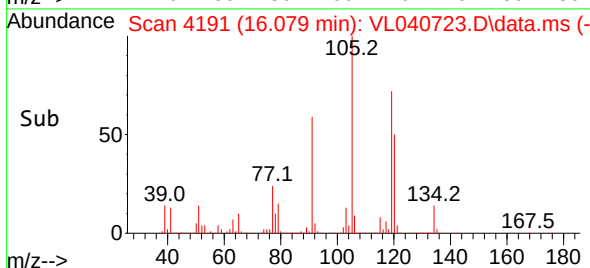
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

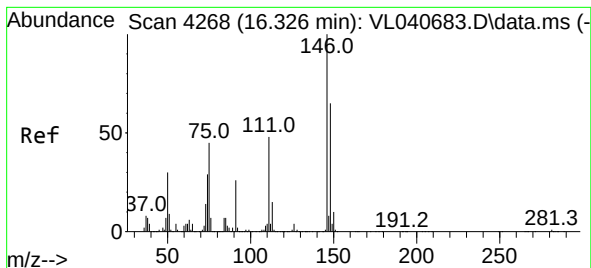


#74
1,2,4-Trimethylbenzene
Concen: 8.989 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. -0.039 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04



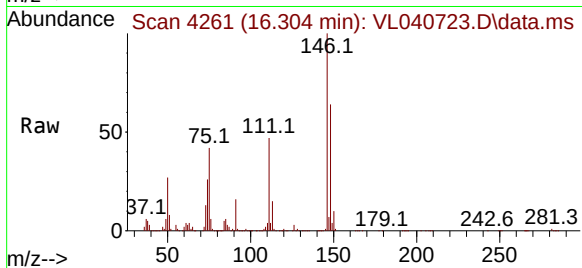
Tgt Ion:105 Resp: 3729325
Ion Ratio Lower Upper
105 100
120 50.3 38.6 57.8
91 58.4 50.0 75.0
77 23.7 20.6 31.0





#75
1,3-Dichlorobenzene
Concen: 9.308 ppbv
RT: 16.304 min Scan# 4300
Delta R.T. -0.035 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

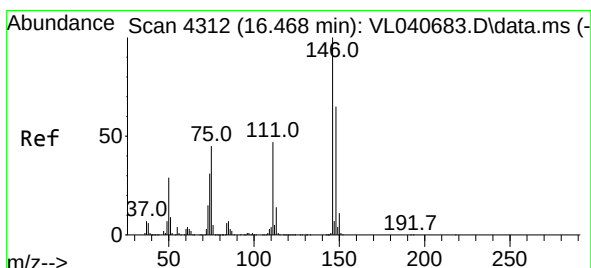
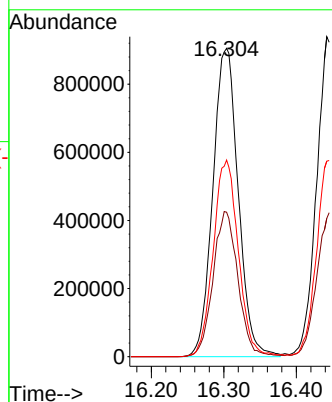
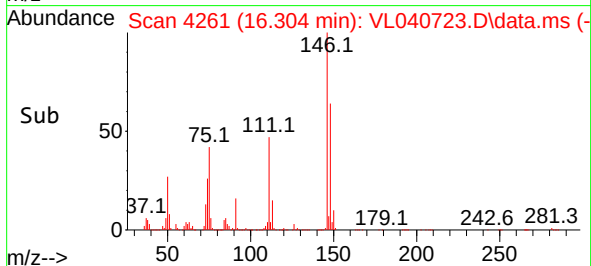
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



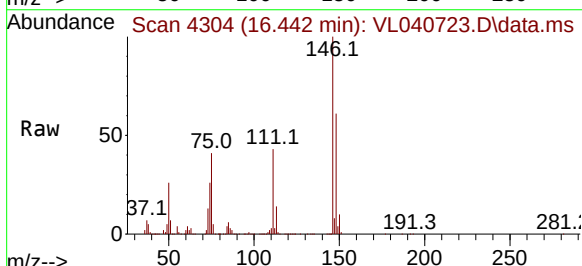
Tgt Ion:146 Resp: 220032
Ion Ratio Lower Upper
146 100
111 46.2 23.9 71.7
148 63.4 31.8 95.4

Manual Integrations
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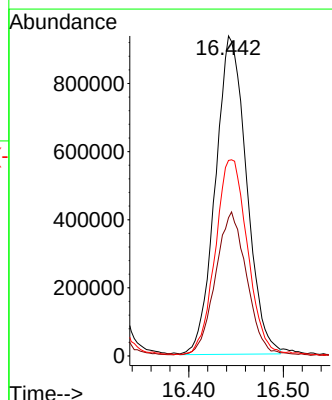
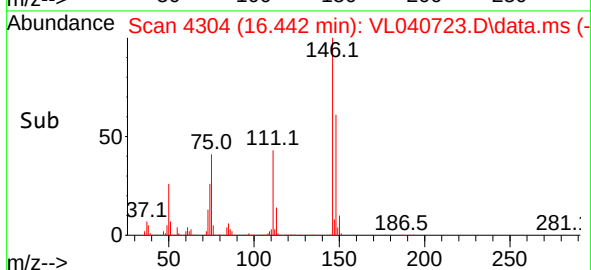
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

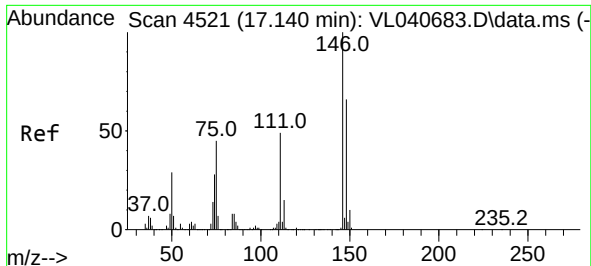


#76
1,4-Dichlorobenzene
Concen: 9.196 ppbv
RT: 16.442 min Scan# 4304
Delta R.T. -0.039 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04



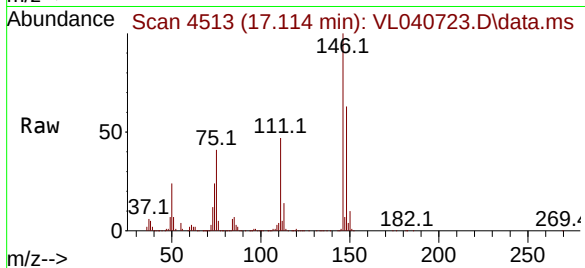
Tgt Ion:146 Resp: 2138912
Ion Ratio Lower Upper
146 100
111 46.1 23.8 71.2
148 65.2 32.6 97.7





#77
1,2-Dichlorobenzene
Concen: 8.983 ppbv
RT: 17.114 min Scan# 411
Delta R.T. -0.039 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

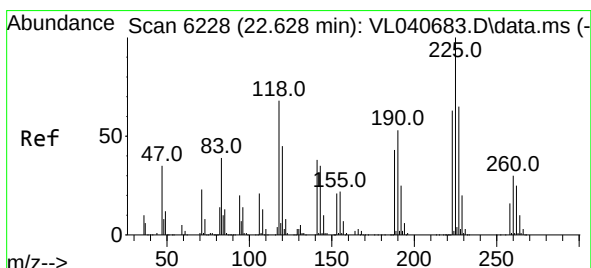
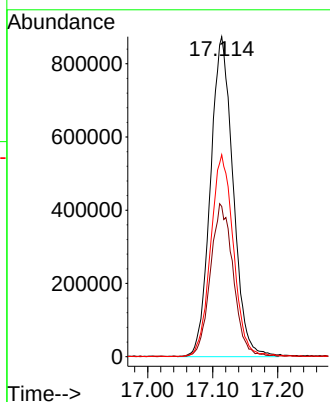
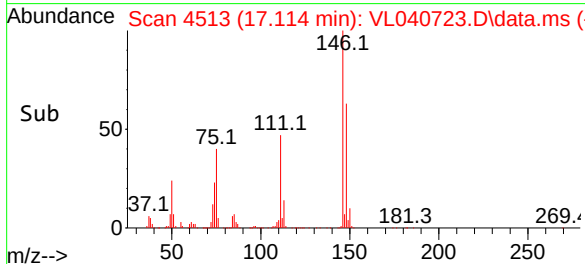
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



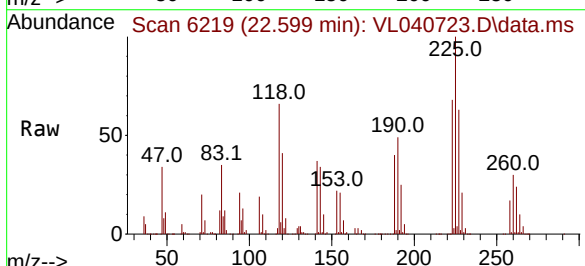
Tgt Ion:146 Resp: 2115109
Ion Ratio Lower Upper
146 100
111 48.2 25.0 75.0
148 63.5 32.4 97.0

Manual Integrations
APPROVED

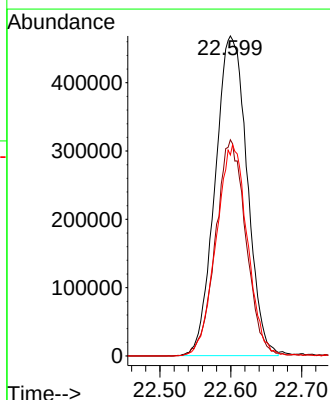
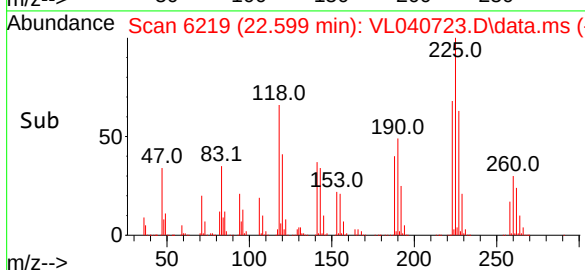
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

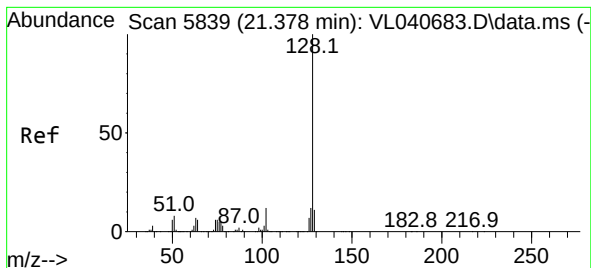


#78
Hexachloro-1,3-Butadiene
Concen: 8.227 ppbv
RT: 22.599 min Scan# 6219
Delta R.T. -0.039 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04



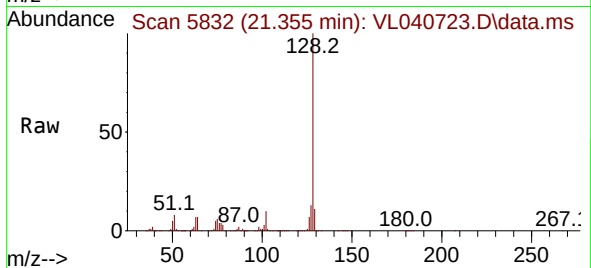
Tgt Ion:225 Resp: 1465630
Ion Ratio Lower Upper
225 100
223 64.4 51.2 76.8
227 65.0 50.7 76.1





#79
Naphthalene
Concen: 11.290 ppbv
RT: 21.355 min Scan# 5832
Delta R.T. -0.039 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

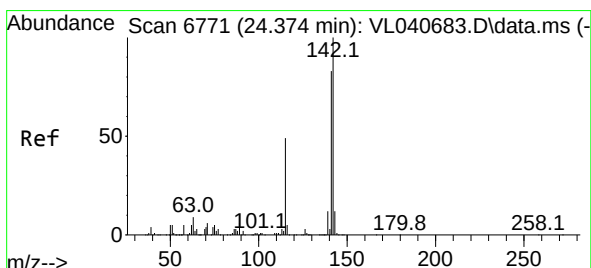
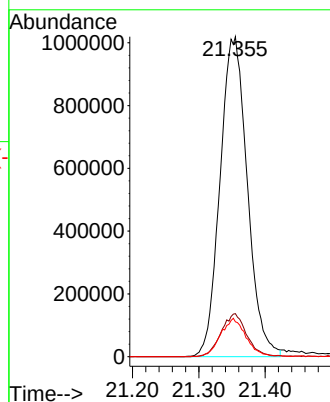
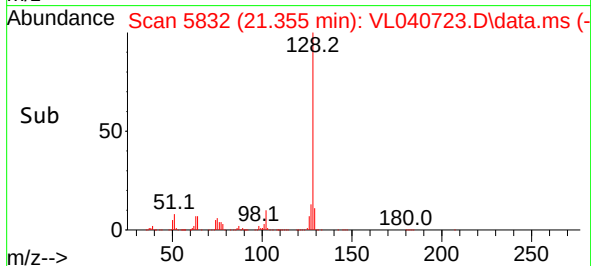
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



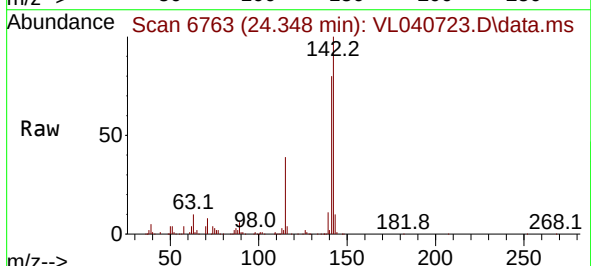
Tgt Ion:128 Resp: 2914780
Ion Ratio Lower Upper
128 100
127 13.4 9.8 14.6
129 10.9 8.4 12.6

Manual Integrations
APPROVED

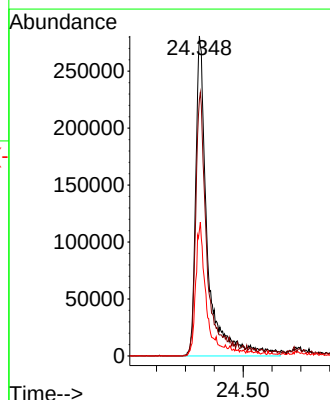
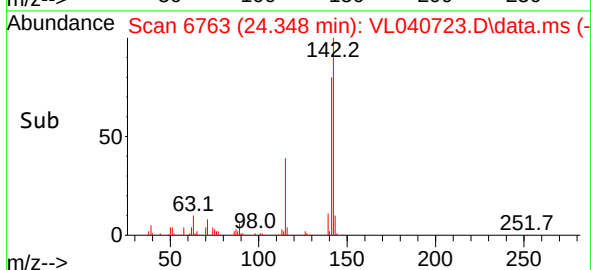
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

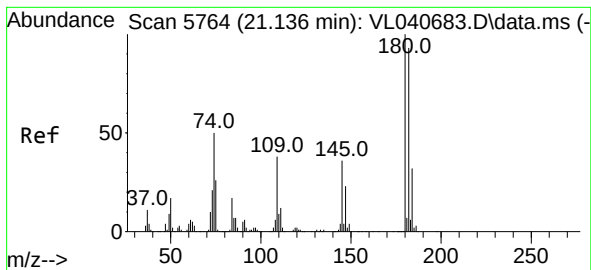


#80
Naphthalene,2-methyl-
Concen: 12.627 ppbv
RT: 24.348 min Scan# 6763
Delta R.T. -0.032 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04



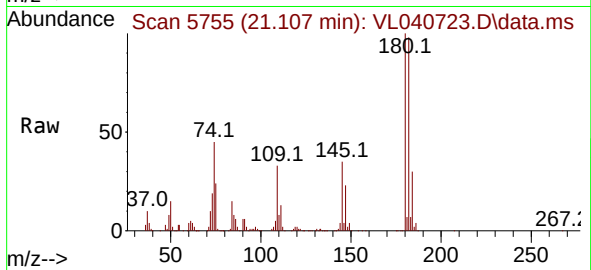
Tgt Ion:142 Resp: 798482
Ion Ratio Lower Upper
142 100
141 78.4 67.0 100.6
115 40.6 37.4 56.2





#81
1,2,4-Trichlorobenzene
Concen: 9.511 ppbv
RT: 21.107 min Scan# 51
Delta R.T. -0.042 min
Lab File: VL040723.D
Acq: 27 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS02



Tgt Ion:180 Resp: 160407
Ion Ratio Lower Upper
180 100
182 96.2 77.9 116.9
184 30.8 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

