

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040646.D
 Acq On : 5 Sep 2023 13:40
 Operator : SY/MD
 Sample : VL0905ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0905ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023
 Supervised By :Mahesh Dadoda 09/06/2023

Quant Time: Sep 06 02:05:38 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Wed Aug 16 05:43:50 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	941510	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2450324	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2435677m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.776 95 1984397 10.244 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	1460685	7.203	ppbv	98
3) Chlorodifluoromethane	2.664	51	1430905	9.256	ppbv	97
4) Chloromethane	2.799	50	553248	9.176	ppbv	100
5) Vinyl Chloride	2.909	62	602429	9.410	ppbv	97
6) Bromomethane	3.111	94	333379	9.933	ppbv	98
7) Chloroethane	3.185	64	225557	9.658	ppbv	92
8) Dichlorotetrafluoroethane	2.844	85	1597932	9.735	ppbv	99
9) Propene	2.680	41	417683	8.720	ppbv	98
10) Heptane	7.574	43	1062042	9.628	ppbv	100
11) Trichlorofluoromethane	3.552	101	1697052	10.366	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.057	101	1229682	10.119	ppbv	99
13) Ethanol	3.230	45	104485m	7.816	ppbv	
14) Bromoethene	3.356	108	516709	10.472	ppbv	98
15) Acetone	3.459	43	1097025	9.526	ppbv	99
16) 1,3-Butadiene	2.973	39	523796	9.146	ppbv	96
17) tert-Butyl alcohol	3.867	59	1271045	10.407	ppbv	99
18) 1,1-Dichloroethene	3.870	96	554629	10.072	ppbv	99
19) Isopropyl Alcohol	3.565	45	722303	9.892	ppbv	99
20) Methylene Chloride	3.925	84	461911	8.208	ppbv	94
21) Allyl Chloride	3.986	41	728946	9.570	ppbv	96
22) trans-1,2-Dichloroethene	4.436	96	567180	10.492	ppbv	98
23) Vinyl Acetate	4.619	43	1273585	9.705	ppbv #	97
24) 1,1-Dichloroethane	4.555	63	1110309	9.894	ppbv	99
25) Ethyl Acetate	5.198	43	1949163	9.012	ppbv	100
26) Hexane	5.208	57	851854	8.141	ppbv	95
27) Carbon Disulfide	4.114	76	1379503	11.073	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	767719	9.490	ppbv	99
29) Chloroform	5.269	83	1557607	9.404	ppbv	99
30) Cyclohexane	6.597	84	725964	9.067	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	905805	9.591	ppbv	96
32) 1,1,1-Trichloroethane	5.999	97	1600070	10.088	ppbv	99
34) 2-Butanone	4.780	43	1209005	9.784	ppbv	98
35) Carbon Tetrachloride	6.491	117	1673029	10.912	ppbv	99
36) Benzene	6.368	78	1812333	9.297	ppbv	100
37) 1,2-Dichloroethane	5.803	62	1190690	10.128	ppbv	98
38) Trichloroethene	7.291	130	760026	10.069	ppbv	98
39) 1,2-Dichloropropane	7.073	63	693830	9.356	ppbv	98
40) 1,4-Dioxane	7.285	88	253242	9.013	ppbv #	1
41) Tetrahydrofuran	5.552	42	655874	9.391	ppbv	99
42) Bromodichloromethane	7.249	83	1719950	10.510	ppbv	97
43) Methyl Methacrylate	7.471	69	752847	10.314	ppbv	99
44) 2,2,4-Trimethylpentane	7.323	57	3027535	9.609	ppbv	98
45) t-1,3-Dichloropropene	8.709	75	698641	11.986	ppbv	99

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Wed Aug 16 05:43:50 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	805491	11.328	ppbv	99
47) 1,1,2-Trichloroethane	8.899	97	796632	9.509	ppbv	95
48) Dibromochloromethane	9.709	129	1425468	10.873	ppbv	99
49) Bromoform	12.410	173	1198470	11.409	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	1849640	10.246	ppbv	98
51) 2-Hexanone	9.552	43	1352192	10.631	ppbv #	97
52) Tetrachloroethene	10.619	164	648930	10.630	ppbv	97
53) Toluene	9.220	91	2144601	10.353	ppbv	99
54) 1,2-Dibromoethane	10.011	107	1173521	11.002	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.510	131	1072096	9.513	ppbv	98
57) Chlorobenzene	11.526	112	1728126	9.193	ppbv	99
58) Ethyl Benzene	12.088	91	2965338	10.096	ppbv	99
59) m/p-Xylene	12.371	91	5268464m	19.664	ppbv	
60) o-Xylene	13.059	91	2557405	10.071	ppbv	99
61) Styrene	12.899	104	1239923	11.143	ppbv	99
62) Isopropylbenzene	14.031	105	3730216	9.706	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	1830631	9.625	ppbv	100
64) n-propylbenzene	14.918	120	948645	9.767	ppbv	98
65) tert-Butylbenzene	16.092	119	3345986	10.045	ppbv	99
66) Benzyl Chloride	16.329	91	441901	10.550	ppbv	98
67) sec-Butylbenzene	16.638	105	4751225	9.777	ppbv	100
69) p-Isopropyltoluene	16.998	119	3851661	10.129	ppbv	99
70) n-Butylbenzene	17.886	91	4219114	10.163	ppbv	99
71) 2-Chlorotoluene	14.802	91	2878612	10.095	ppbv	100
72) 4-Ethyltoluene	15.191	105	2977938	10.388	ppbv	98
73) 1,3,5-Trimethylbenzene	15.352	105	2579471	10.066	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	2975324	9.942	ppbv	95
75) 1,3-Dichlorobenzene	16.333	146	1697301	9.809	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	1653066	9.772	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1633790	9.597	ppbv	100
78) Hexachloro-1,3-Butadiene	22.635	225	1145992	8.872	ppbv	99
79) Naphthalene	21.384	128	2497746	12.637	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	866057	15.227	ppbv	97
81) 1,2,4-Trichlorobenzene	21.140	180	1366140	10.502	ppbv	99

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

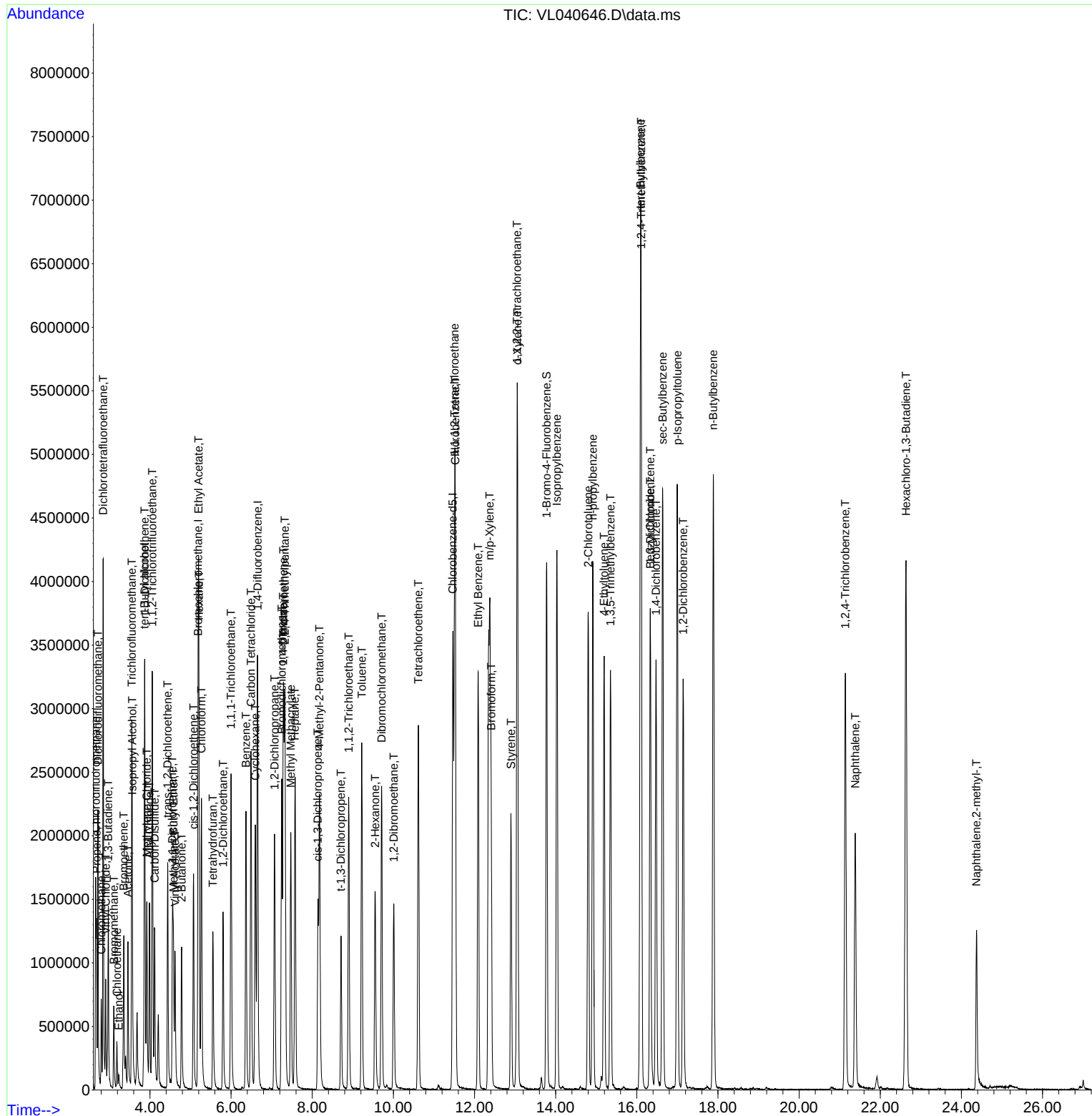
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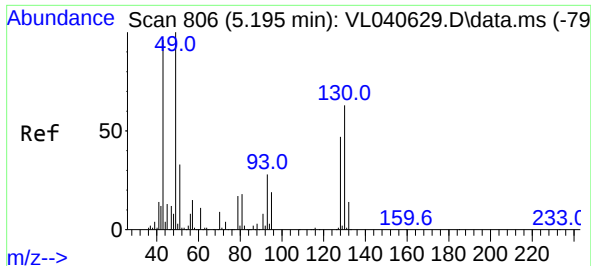
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0905ABS01

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 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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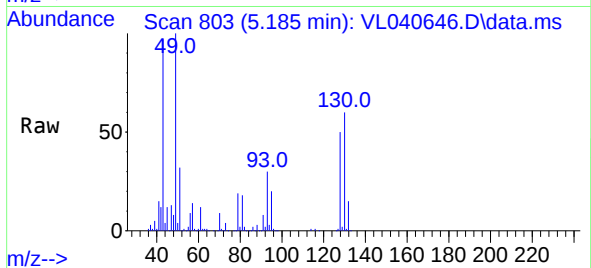
Reviewed By :Semsettin Yesilyurt 09/06/2023
 Supervised By :Mahesh Dadoda 09/06/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

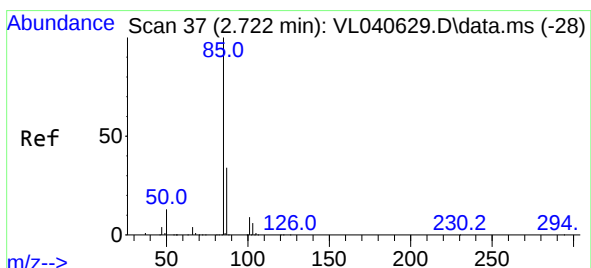
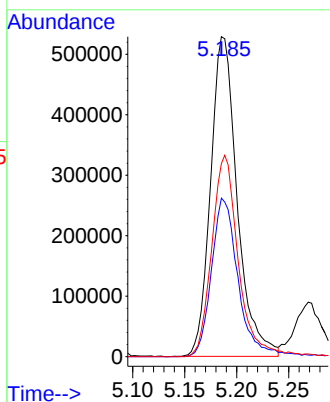
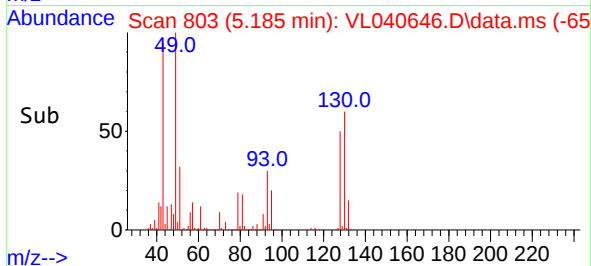
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



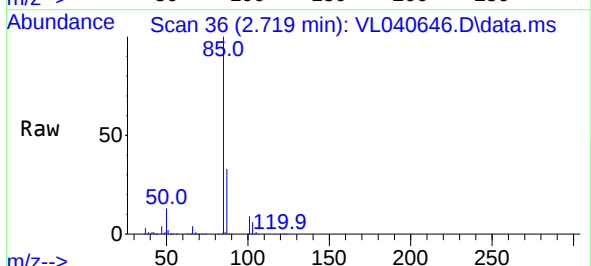
Tgt Ion: 49 Resp: 941510
Ion Ratio Lower Upper
49 100
128 50.5 24.9 74.7
130 63.6 32.2 96.6

Manual Integrations
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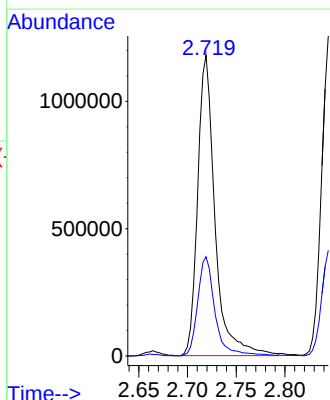
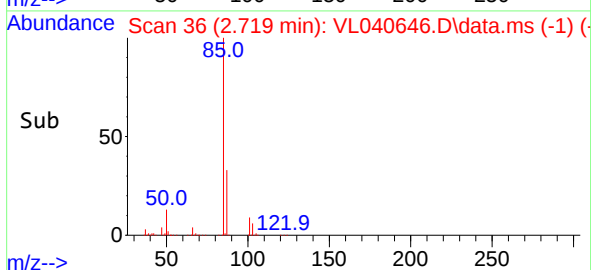
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

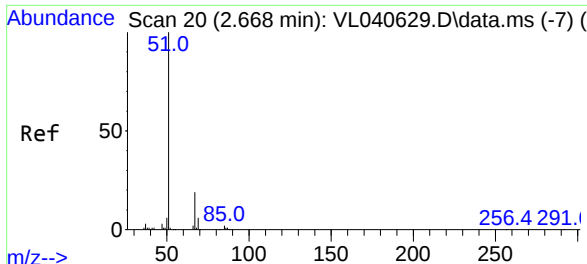


#2
Dichlorodifluoromethane
Concen: 7.203 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.003 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



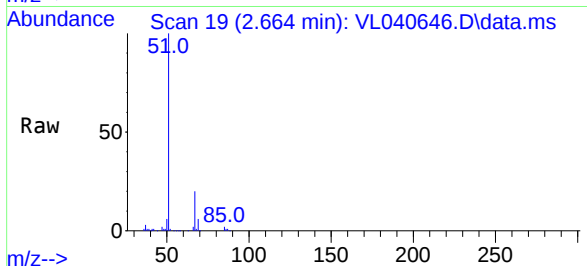
Tgt Ion: 85 Resp: 1460685
Ion Ratio Lower Upper
85 100
87 33.0 27.5 41.3





#3
Chlorodifluoromethane
Concen: 9.256 ppbv
RT: 2.664 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

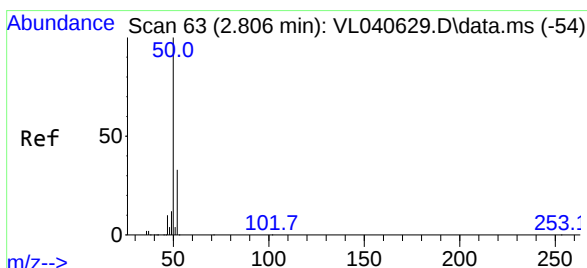
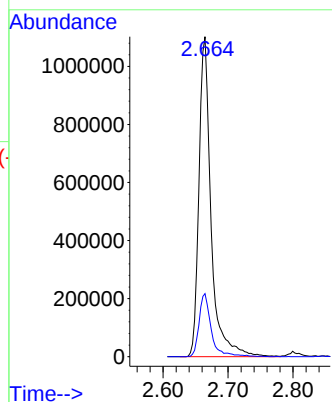
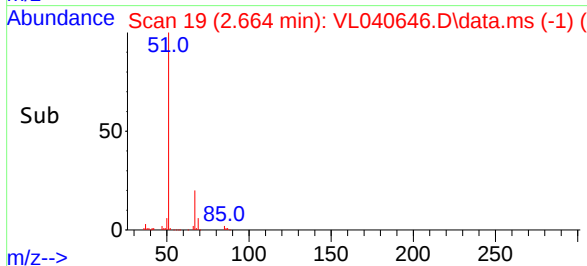
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



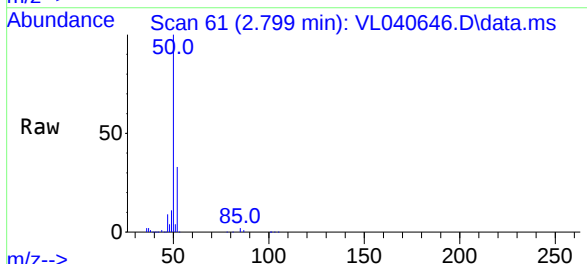
Tgt Ion: 51 Resp: 143090
Ion Ratio Lower Upper
51 100
67 19.9 15.0 22.6

Manual Integrations
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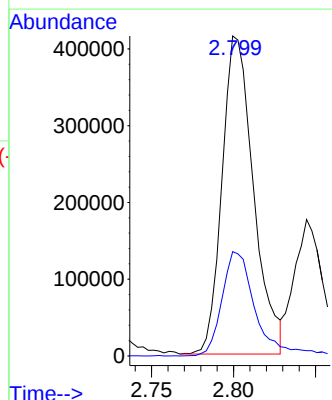
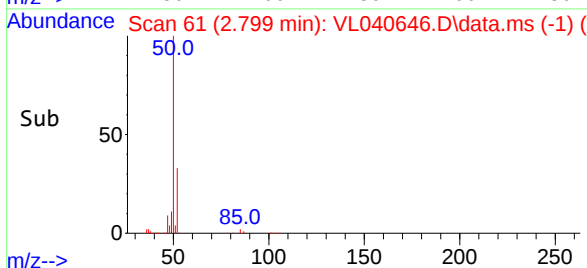
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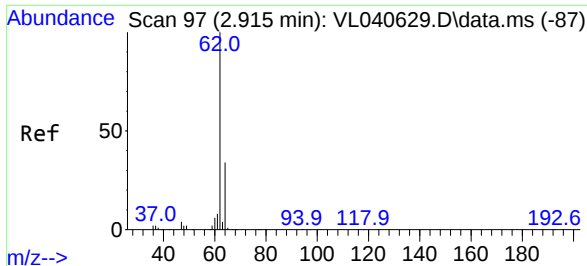


#4
Chloromethane
Concen: 9.176 ppbv
RT: 2.799 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



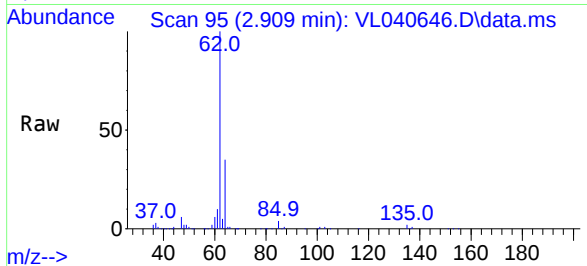
Tgt Ion: 50 Resp: 553248
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2





#5
 Vinyl Chloride
 Concen: 9.410 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.007 min
 Lab File: VL040646.D
 Acq: 5 Sep 2023 13:40

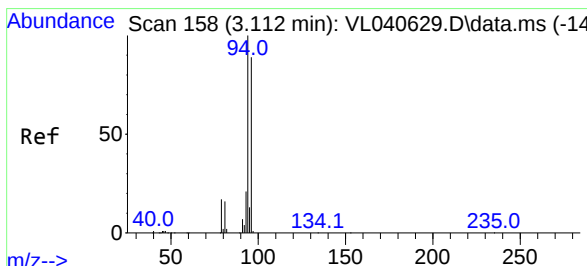
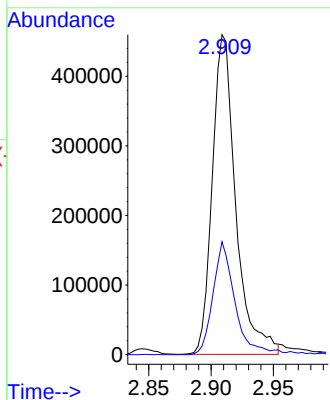
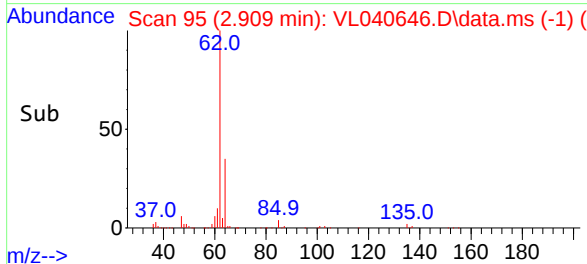
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0905ABS01



Tgt Ion: 62 Resp: 602429
 Ion Ratio Lower Upper
 62 100
 64 35.3 27.0 40.6

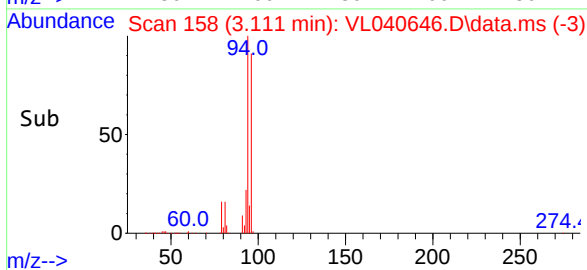
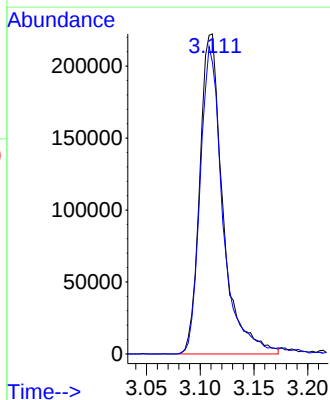
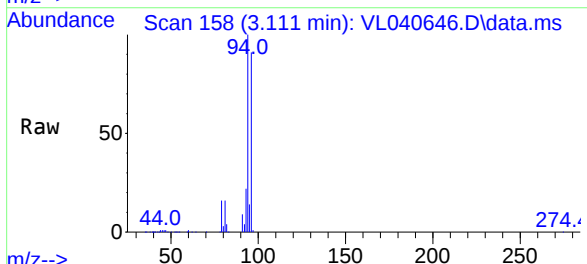
Manual Integrations
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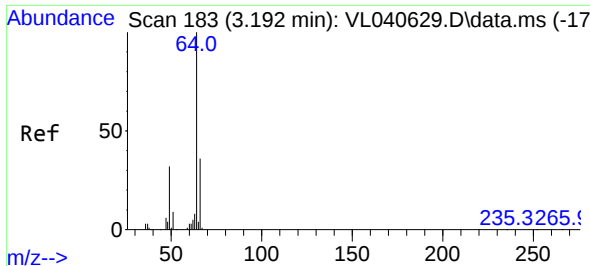
Reviewed By :Semsettin Yesilyurt 09/06/2023
 Supervised By :Mahesh Dadoda 09/06/2023



#6
 Bromomethane
 Concen: 9.933 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.000 min
 Lab File: VL040646.D
 Acq: 5 Sep 2023 13:40

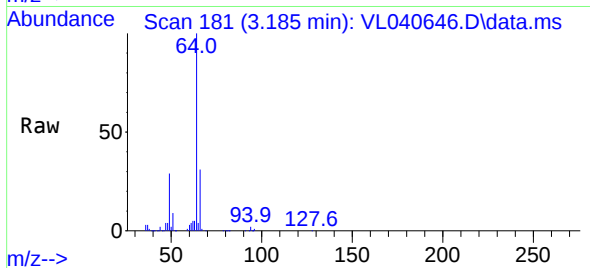
Tgt Ion: 94 Resp: 333379
 Ion Ratio Lower Upper
 94 100
 96 91.0 71.5 107.3





#7
Chloroethane
Concen: 9.658 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

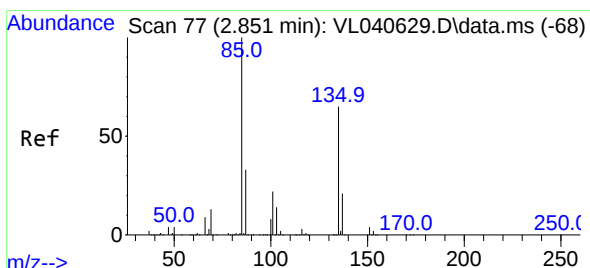
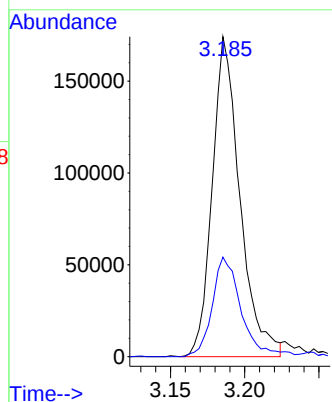
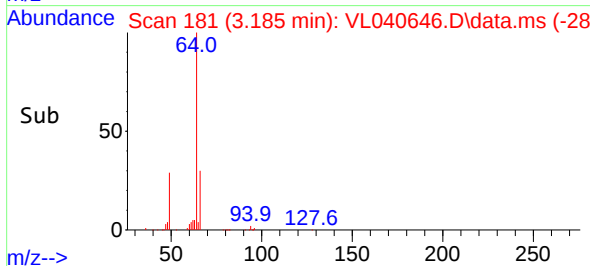
Instrument :
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Tgt Ion: 64 Resp: 22555
Ion Ratio Lower Upper
64 100
66 31.1 28.7 43.1

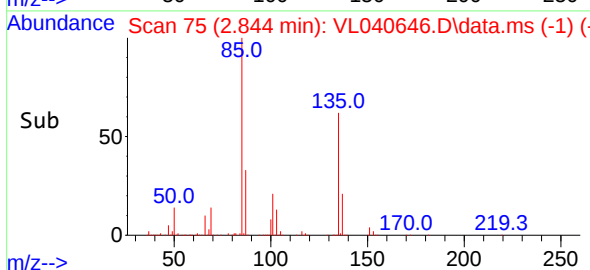
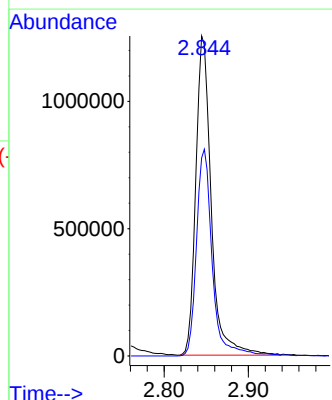
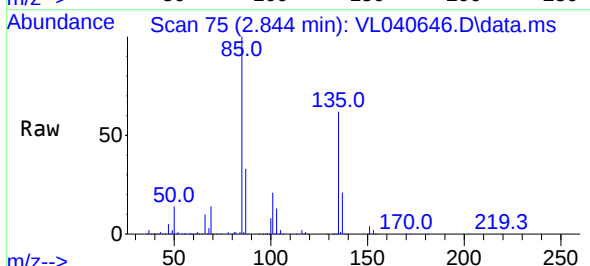
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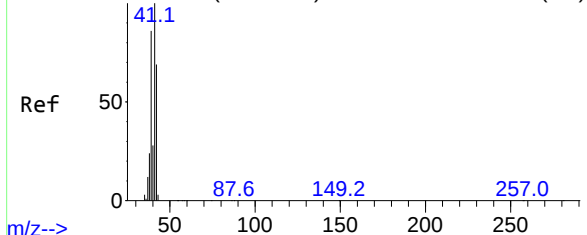


#8
Dichlorotetrafluoroethane
Concen: 9.735 ppbv
RT: 2.844 min Scan# 75
Delta R.T. -0.007 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

Tgt Ion: 85 Resp: 1597932
Ion Ratio Lower Upper
85 100
135 66.5 52.8 79.2



Abundance Scan 26 (2.687 min): VL040629.D\data.ms (-17)



#9
Propene
Concen: 8.720 ppbv
RT: 2.680 min Scan# 24
Delta R.T. -0.007 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

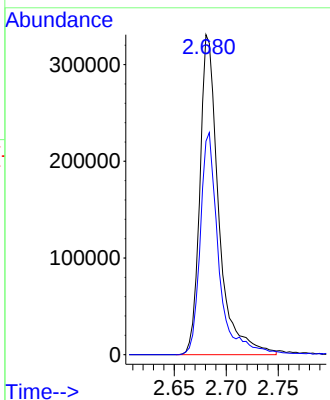
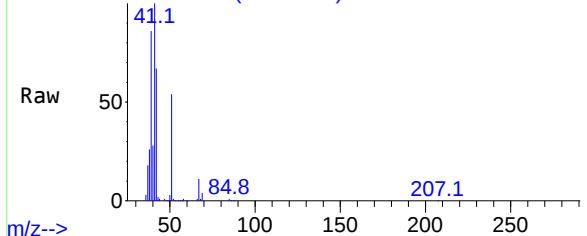
Instrument :
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VL0905ABS01

Tgt Ion: 41 Resp: 417683
Ion Ratio Lower Upper
41 100
42 68.8 56.5 84.7

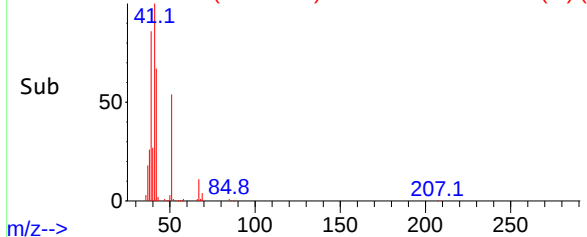
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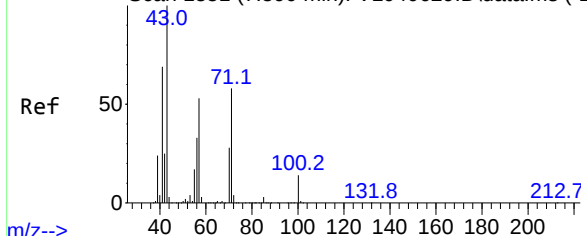
Abundance Scan 24 (2.680 min): VL040646.D\data.ms



Abundance Scan 24 (2.680 min): VL040646.D\data.ms (-1)



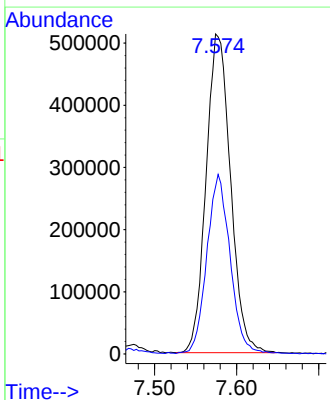
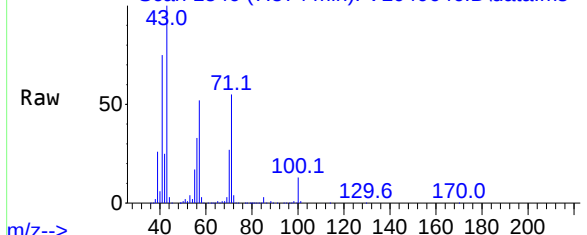
Abundance Scan 1551 (7.590 min): VL040629.D\data.ms (-1)



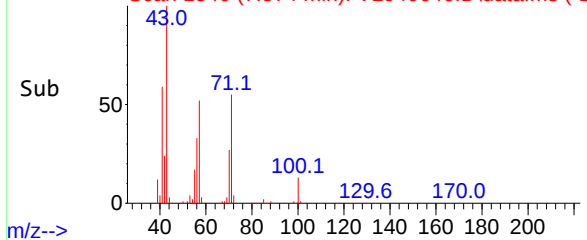
#10
Heptane
Concen: 9.628 ppbv
RT: 7.574 min Scan# 1546
Delta R.T. -0.016 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

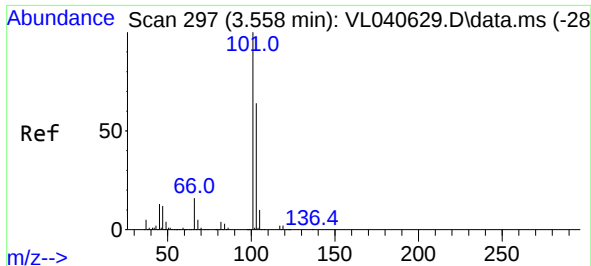
Tgt Ion: 43 Resp: 1062042
Ion Ratio Lower Upper
43 100
57 53.4 42.5 63.7

Abundance Scan 1546 (7.574 min): VL040646.D\data.ms



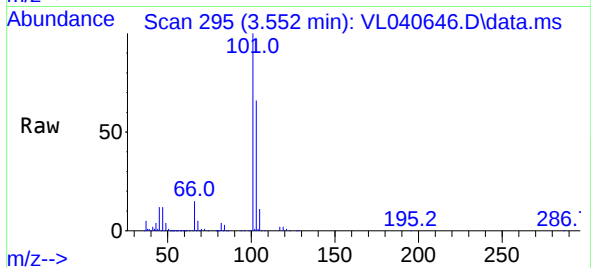
Abundance Scan 1546 (7.574 min): VL040646.D\data.ms (-1)





#11
 Trichlorofluoromethane
 Concen: 10.366 ppbv
 RT: 3.552 min Scan# 297
 Delta R.T. -0.007 min
 Lab File: VL040646.D
 Acq: 5 Sep 2023 13:40

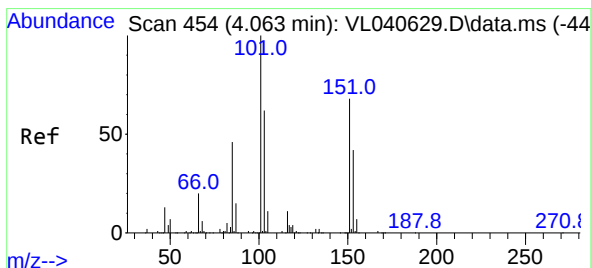
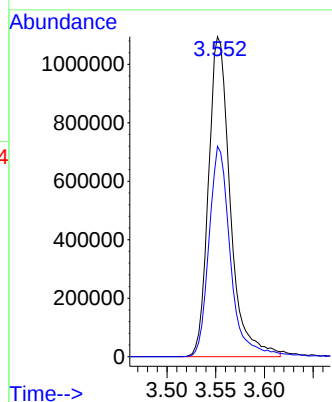
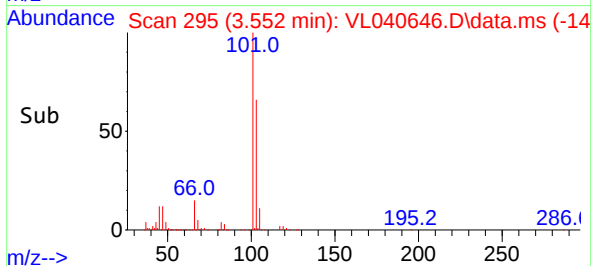
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0905ABS01



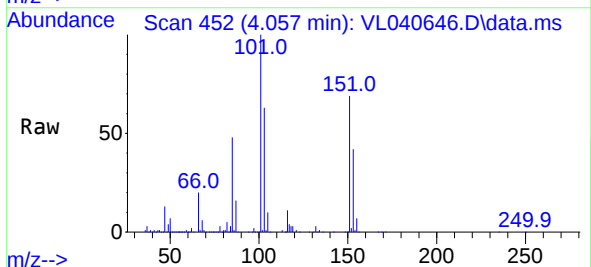
Tgt Ion:101 Resp: 1697052
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.1 76.7

Manual Integrations
 APPROVED

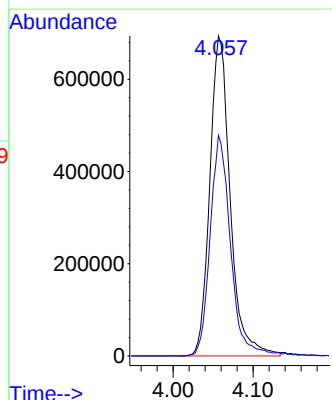
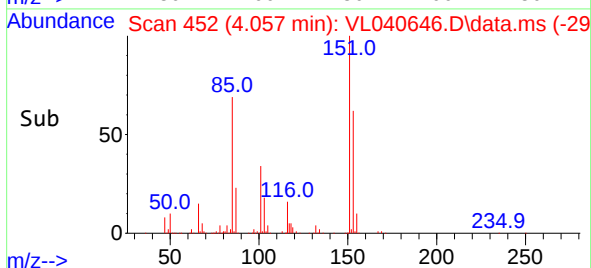
Reviewed By :Semsettin Yesilyurt 09/06/2023
 Supervised By :Mahesh Dadoda 09/06/2023

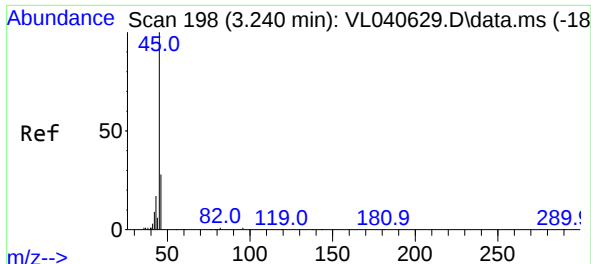


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.119 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.007 min
 Lab File: VL040646.D
 Acq: 5 Sep 2023 13:40



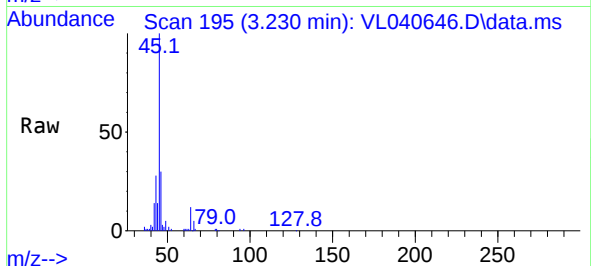
Tgt Ion:101 Resp: 1229682
 Ion Ratio Lower Upper
 101 100
 151 69.3 56.2 84.2





#13
Ethanol
Concen: 7.816 ppbv m
RT: 3.230 min Scan# 198
Delta R.T. -0.010 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

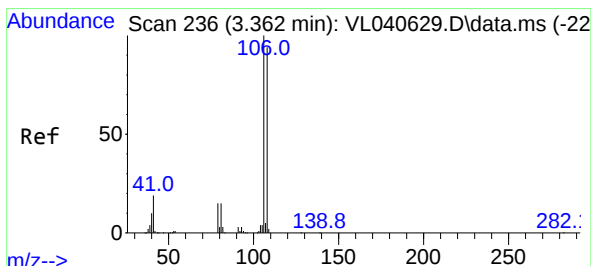
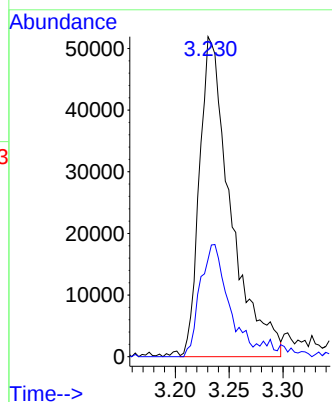
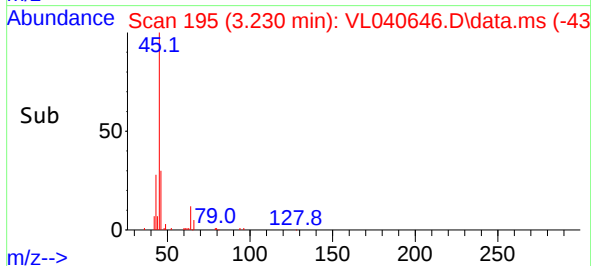
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



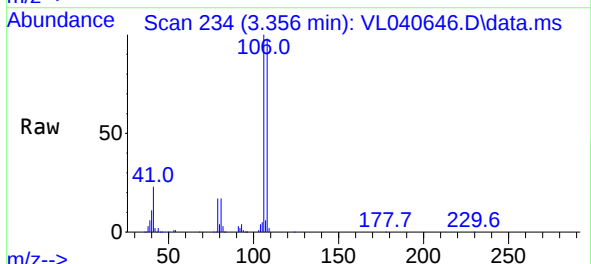
Tgt Ion: 45 Resp: 10448
Ion Ratio Lower Upper
45 100
46 35.9 14.2 56.6

Manual Integrations
APPROVED

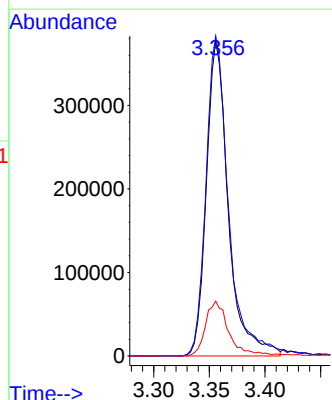
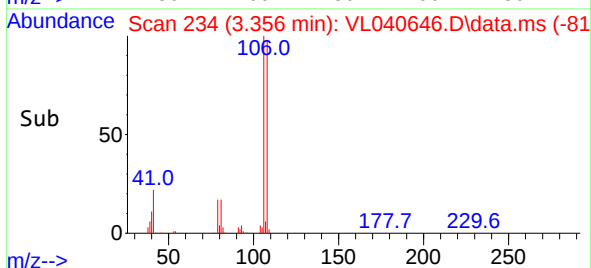
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

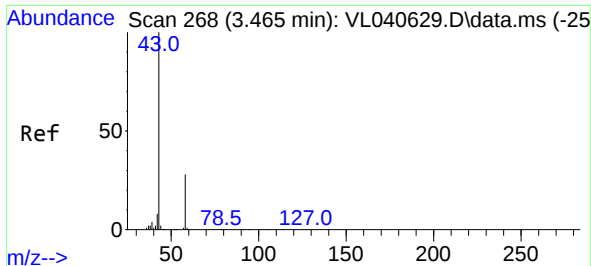


#14
Bromoethene
Concen: 10.472 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.007 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



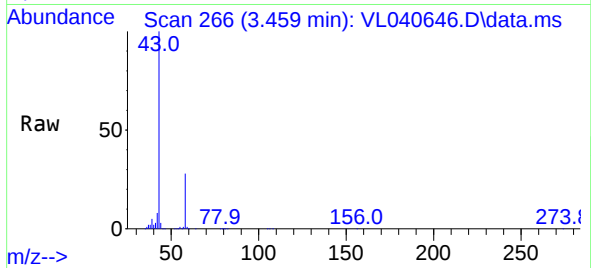
Tgt Ion:108 Resp: 516709
Ion Ratio Lower Upper
108 100
106 106.9 87.3 130.9
79 19.2 14.4 21.6





#15
Acetone
Concen: 9.526 ppbv
RT: 3.459 min Scan# 20
Delta R.T. -0.007 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

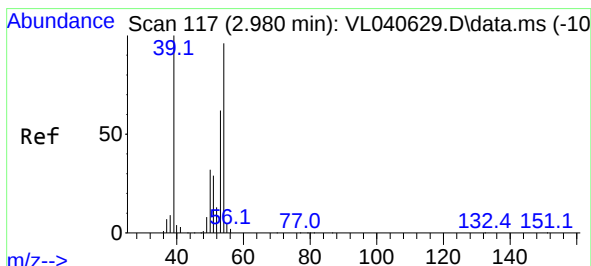
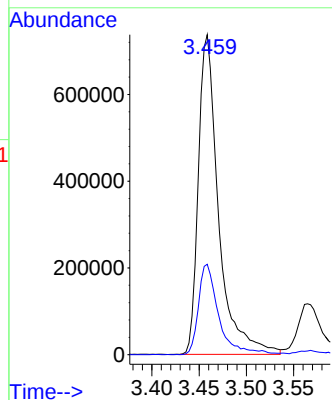
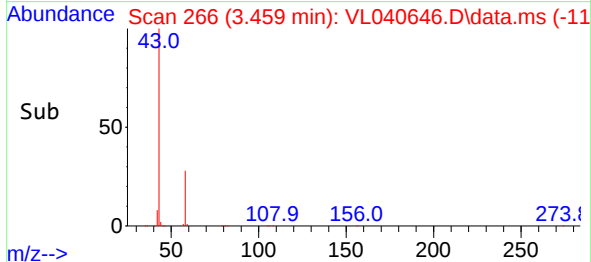
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



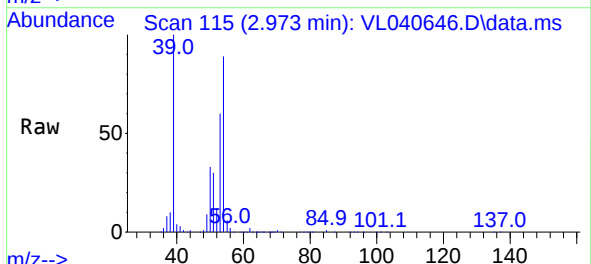
Tgt Ion: 43 Resp: 109702
Ion Ratio Lower Upper
43 100
58 28.5 22.4 33.6

Manual Integrations
APPROVED

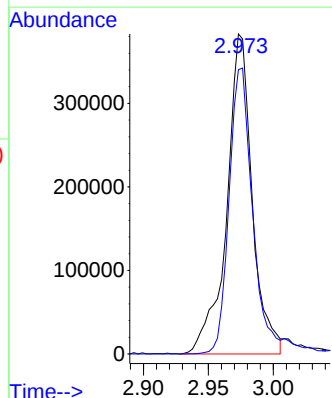
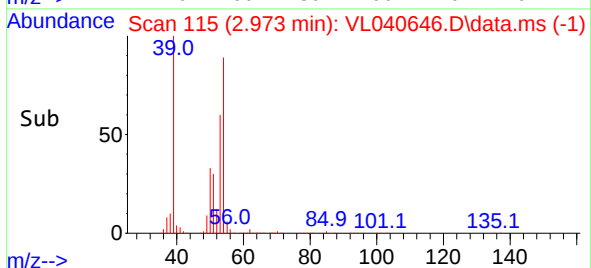
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

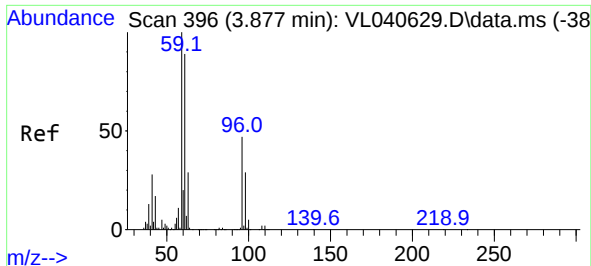


#16
1,3-Butadiene
Concen: 9.146 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.007 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



Tgt Ion: 39 Resp: 523796
Ion Ratio Lower Upper
39 100
54 86.9 66.6 99.8





#17

tert-Butyl alcohol

Concen: 10.407 ppbv

RT: 3.867 min Scan# 396

Delta R.T. -0.010 min

Lab File: VL040646.D

Acq: 5 Sep 2023 13:40

Instrument :

MSVOA_L

ClientSampleId :

VL0905ABS01

Tgt Ion: 59 Resp: 127104

Ion Ratio Lower Upper

59 100

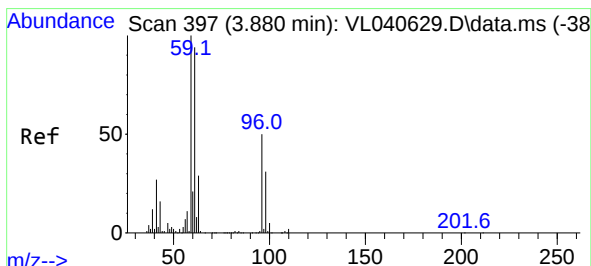
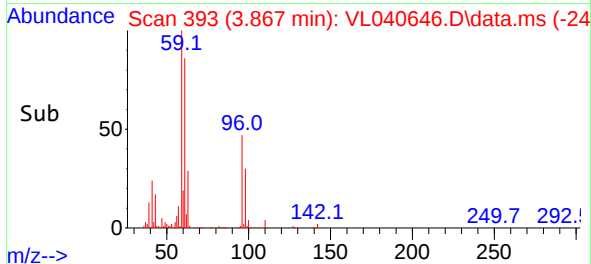
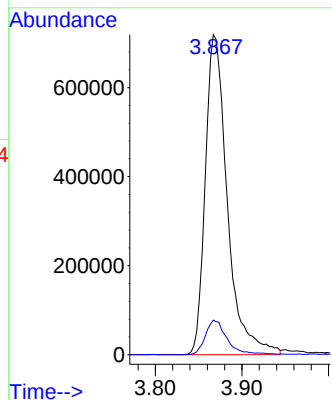
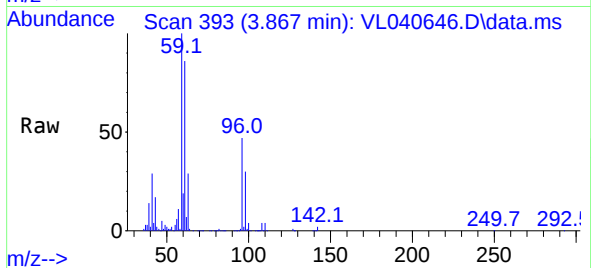
57 10.8 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#18

1,1-Dichloroethene

Concen: 10.072 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.010 min

Lab File: VL040646.D

Acq: 5 Sep 2023 13:40

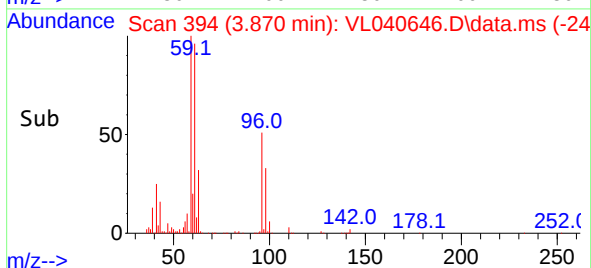
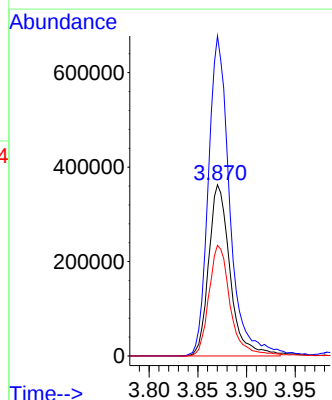
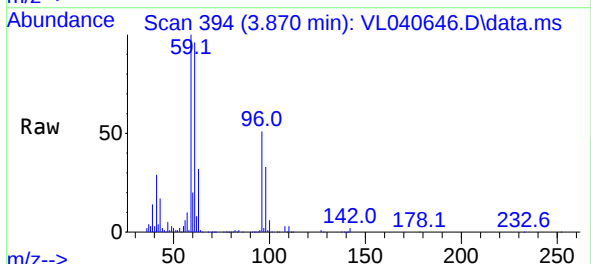
Tgt Ion: 96 Resp: 554629

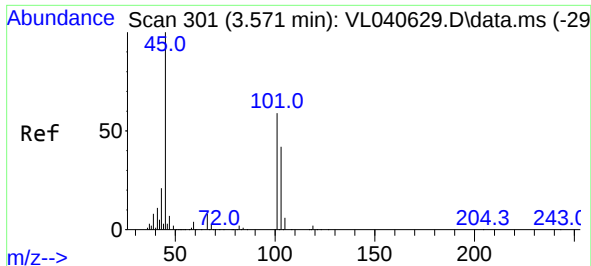
Ion Ratio Lower Upper

96 100

61 186.9 150.4 225.6

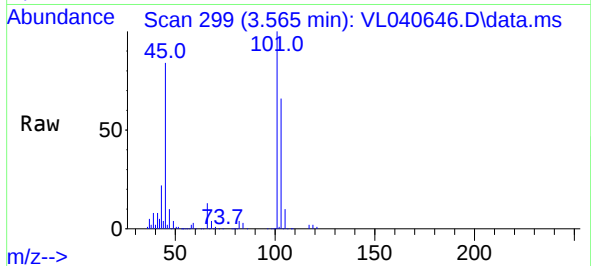
98 64.6 49.7 74.5





#19
Isopropyl Alcohol
Concen: 9.892 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.007 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

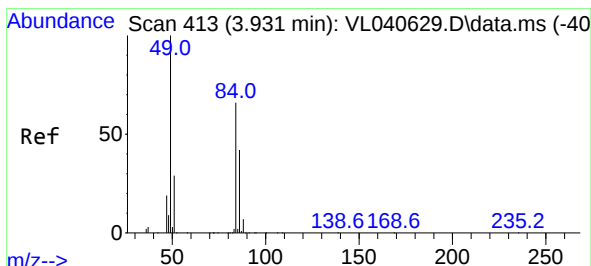
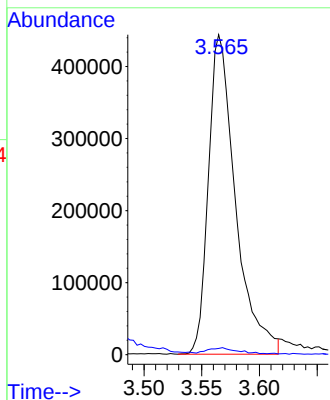
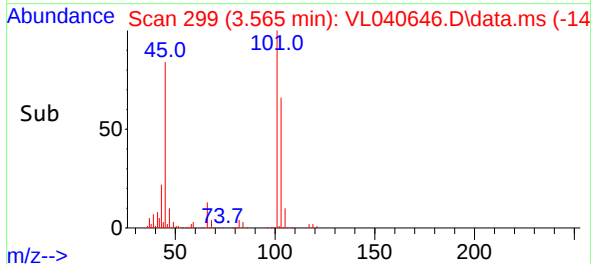
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



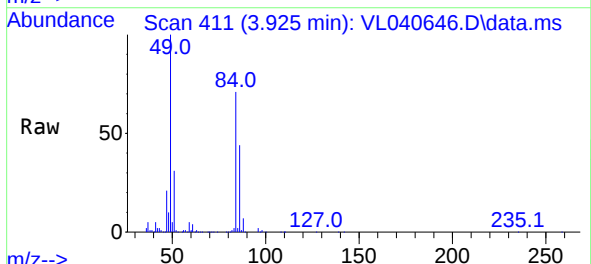
Tgt Ion: 45 Resp: 72230
Ion Ratio Lower Upper
45 100
58 2.6 1.9 2.9

Manual Integrations
APPROVED

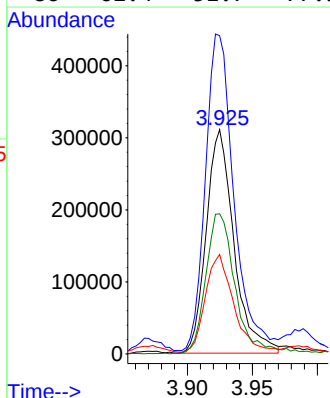
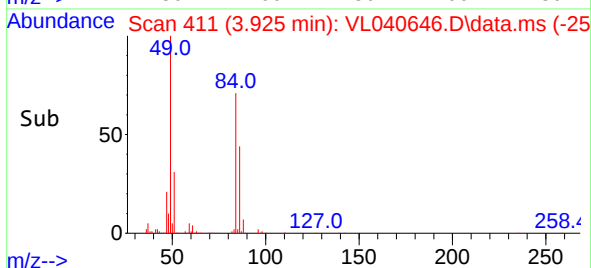
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

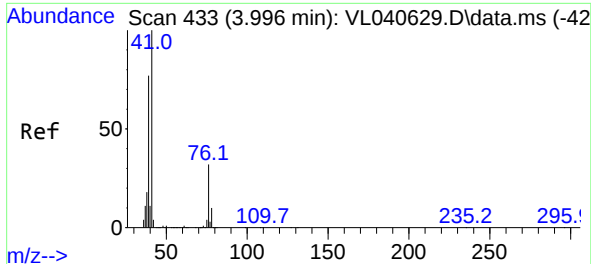


#20
Methylene Chloride
Concen: 8.208 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.007 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



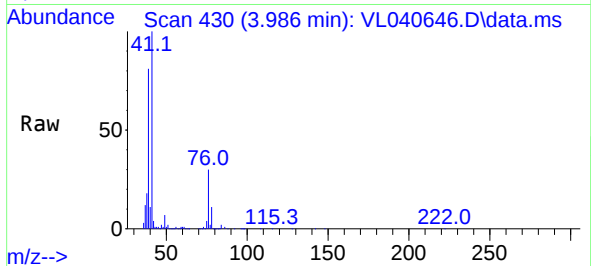
Tgt Ion: 84 Resp: 461911
Ion Ratio Lower Upper
84 100
49 140.8 122.1 183.1
51 43.7 35.4 53.2
86 62.4 51.7 77.5





#21
 Allyl Chloride
 Concen: 9.570 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040646.D
 Acq: 5 Sep 2023 13:40

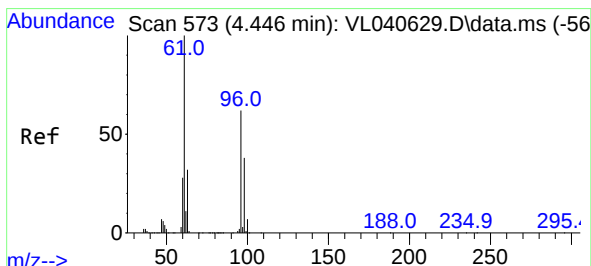
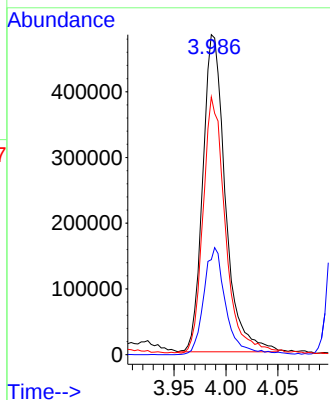
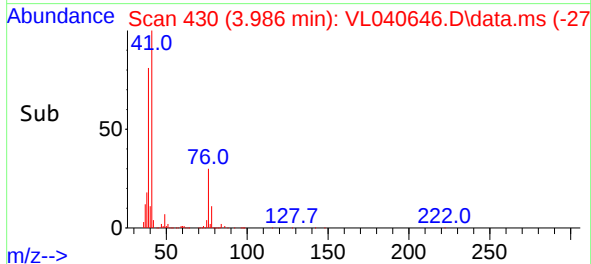
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0905ABS01



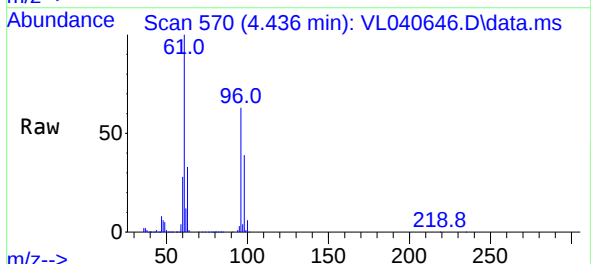
Tgt Ion: 41 Resp: 728940
 Ion Ratio Lower Upper
 41 100
 76 33.1 25.5 38.3
 39 81.4 61.8 92.6

Manual Integrations
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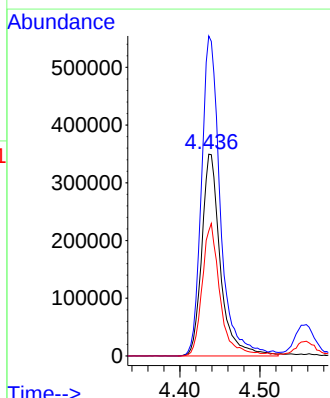
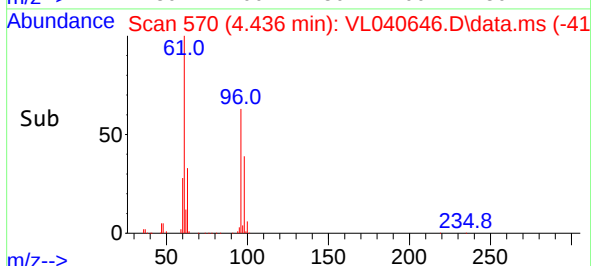
Reviewed By :Semsettin Yesilyurt 09/06/2023
 Supervised By :Mahesh Dadoda 09/06/2023

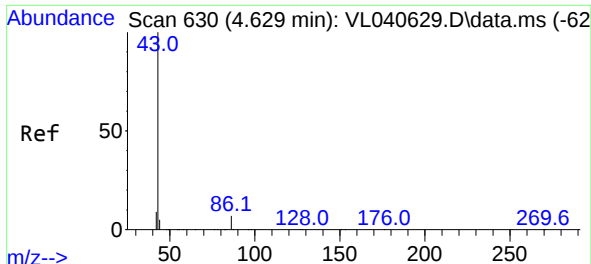


#22
 trans-1,2-Dichloroethene
 Concen: 10.492 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. -0.010 min
 Lab File: VL040646.D
 Acq: 5 Sep 2023 13:40



Tgt Ion: 96 Resp: 567180
 Ion Ratio Lower Upper
 96 100
 61 158.5 128.1 192.1
 98 61.9 48.1 72.1





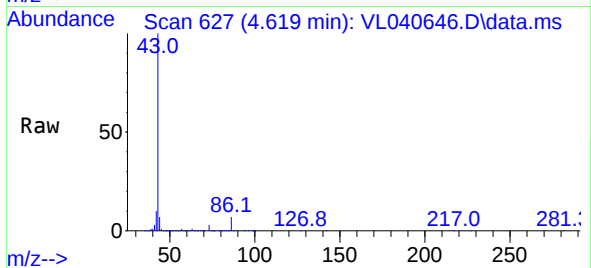
#23
 Vinyl Acetate
 Concen: 9.705 ppbv
 RT: 4.619 min Scan# 610
 Delta R.T. -0.010 min
 Lab File: VL040646.D
 Acq: 5 Sep 2023 13:40

Instrument :

MSVOA_L

ClientSampleId :

VL0905ABS01



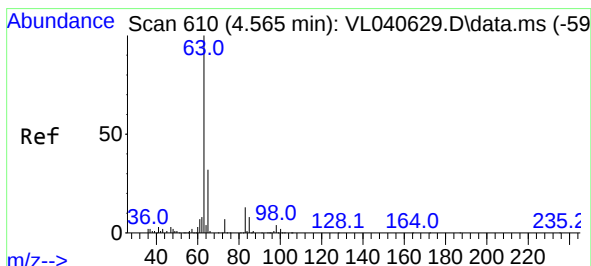
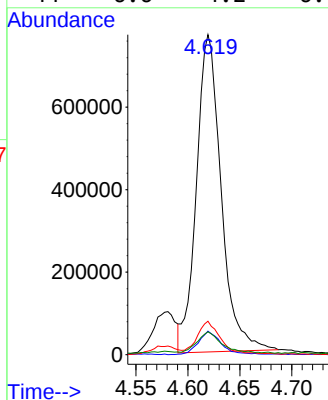
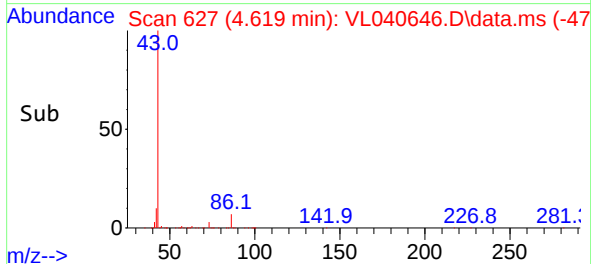
Tgt Ion: 43 Resp: 127358

Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.0	7.6
42	10.3	7.8	11.8
44	6.6	4.2	6.4

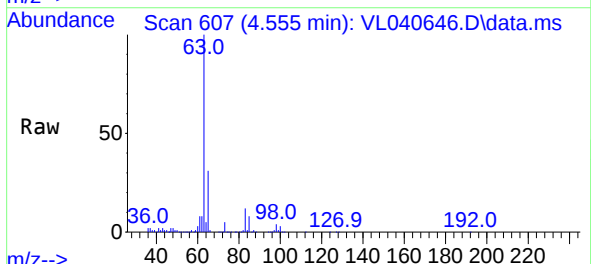
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/06/2023
 Supervised By :Mahesh Dadoda 09/06/2023

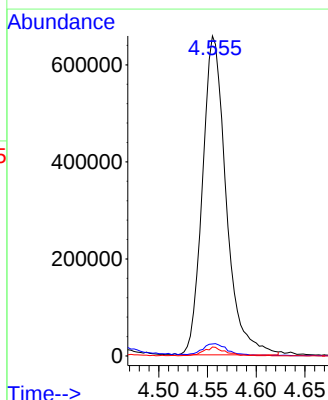
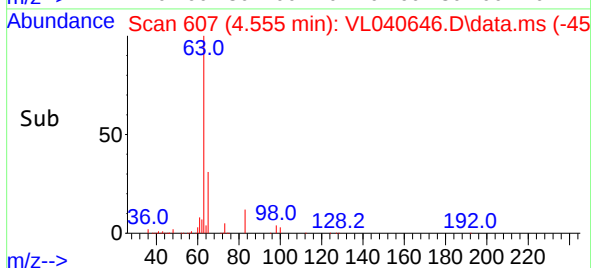


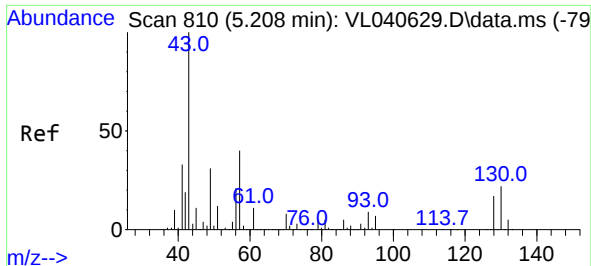
#24
 1,1-Dichloroethane
 Concen: 9.894 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.010 min
 Lab File: VL040646.D
 Acq: 5 Sep 2023 13:40



Tgt Ion: 63 Resp: 1110309

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.0	6.0
100	2.8	1.1	3.3





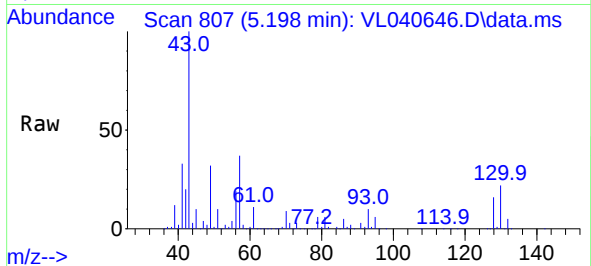
#25
Ethyl Acetate
Concen: 9.012 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

Instrument :

MSVOA_L

ClientSampleId :

VL0905ABS01

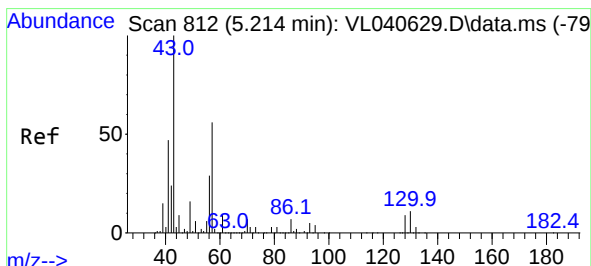
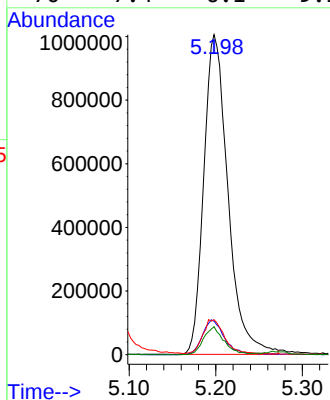
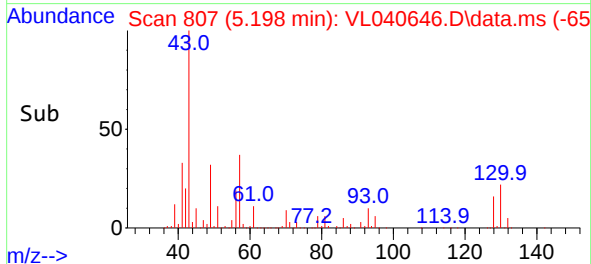


Tgt Ion: 43 Resp: 194916
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 10.5 8.3 12.5
70 7.4 6.1 9.1

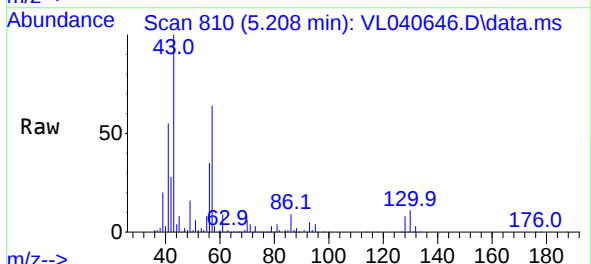
Manual Integrations

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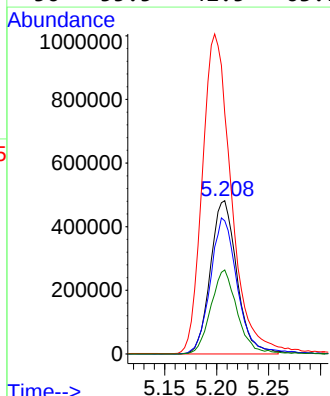
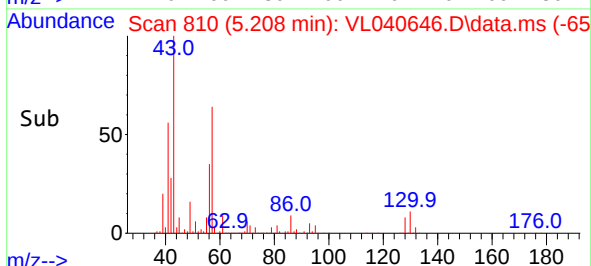
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

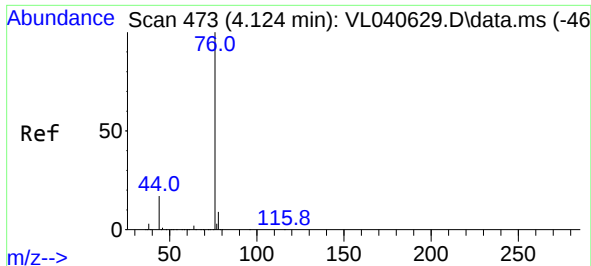


#26
Hexane
Concen: 8.141 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.007 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



Tgt Ion: 57 Resp: 851854
Ion Ratio Lower Upper
57 100
41 91.2 69.3 103.9
43 231.8 177.9 266.9
56 55.5 42.5 63.7





#27

Carbon Disulfide

Concen: 11.073 ppbv

RT: 4.114 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040646.D

Acq: 5 Sep 2023 13:40

Instrument :

MSVOA_L

ClientSampleId :

VL0905ABS01

Tgt Ion: 76 Resp: 137950

Ion Ratio Lower Upper

76 100

44 17.9 14.3 21.5

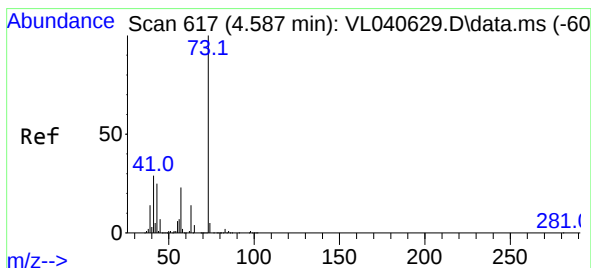
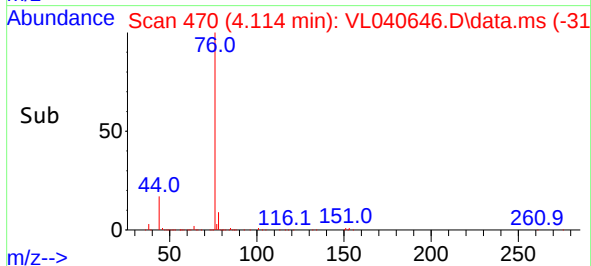
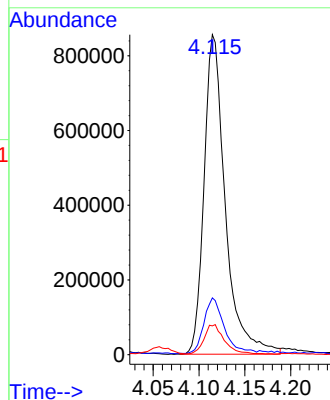
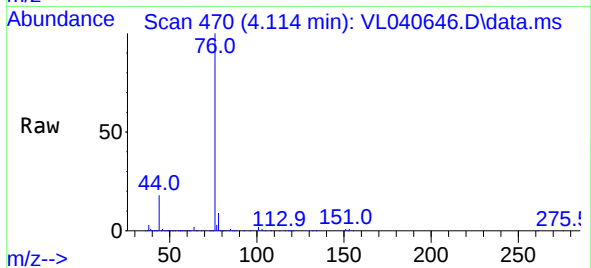
78 9.4 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#28

Methyl tert-Butyl Ether

Concen: 9.490 ppbv

RT: 4.581 min Scan# 615

Delta R.T. -0.007 min

Lab File: VL040646.D

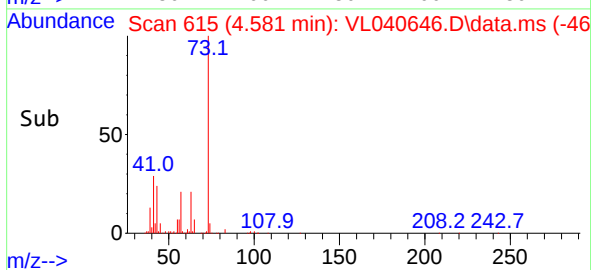
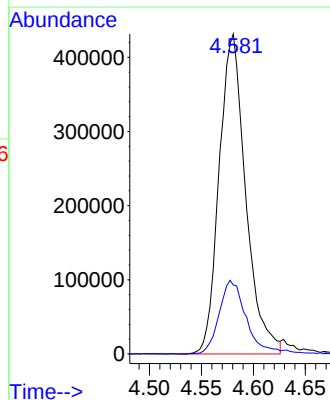
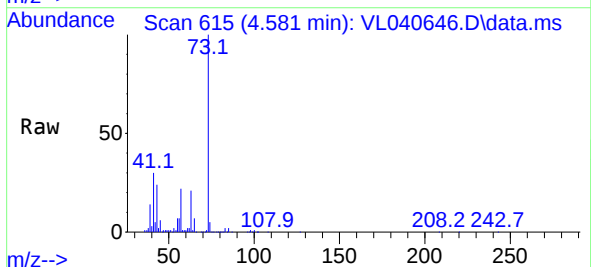
Acq: 5 Sep 2023 13:40

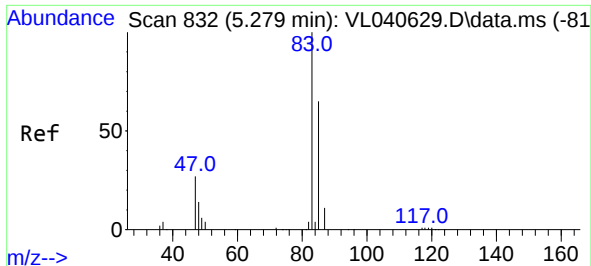
Tgt Ion: 73 Resp: 767719

Ion Ratio Lower Upper

73 100

57 24.0 18.9 28.3





#29

Chloroform

Concen: 9.404 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040646.D

Acq: 5 Sep 2023 13:40

Instrument :

MSVOA_L

ClientSampleId :

VL0905ABS01

Tgt Ion: 83 Resp: 155760

Ion Ratio Lower Upper

83 100

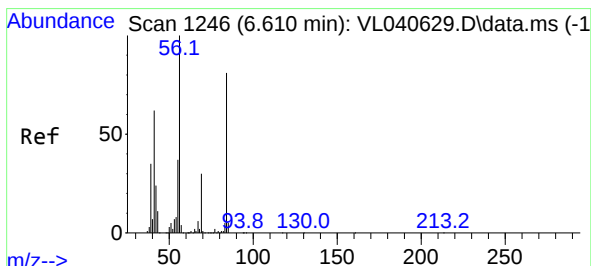
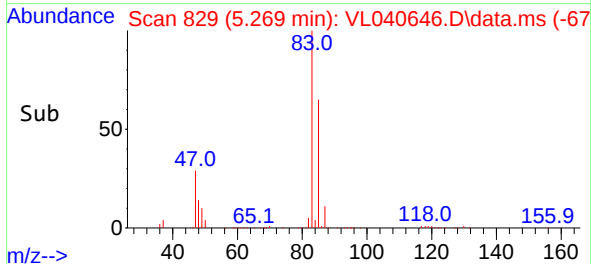
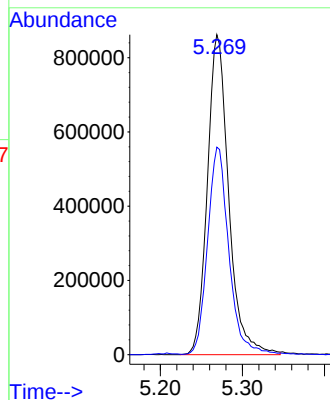
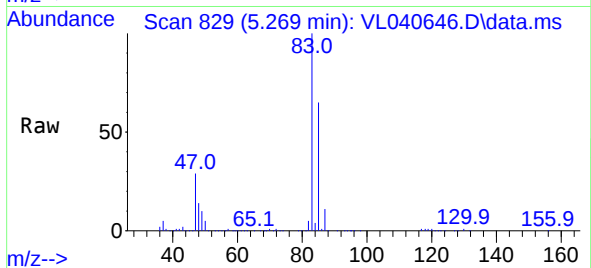
85 64.7 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#30

Cyclohexane

Concen: 9.067 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.013 min

Lab File: VL040646.D

Acq: 5 Sep 2023 13:40

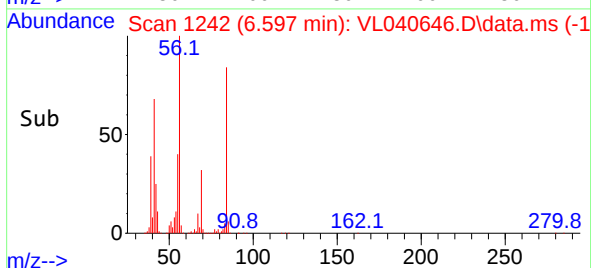
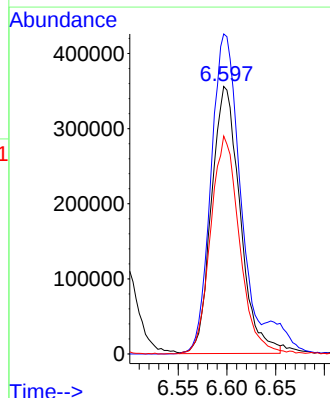
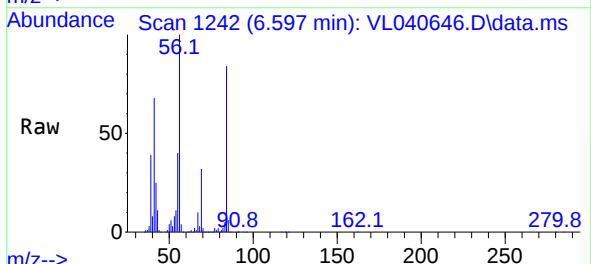
Tgt Ion: 84 Resp: 725964

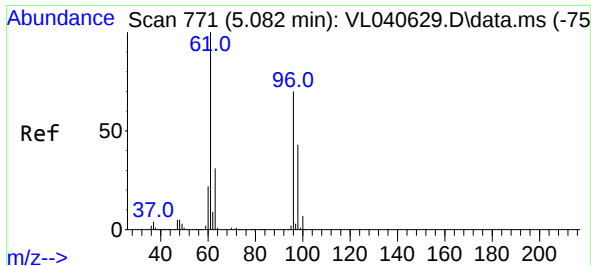
Ion Ratio Lower Upper

84 100

56 131.2 105.4 158.2

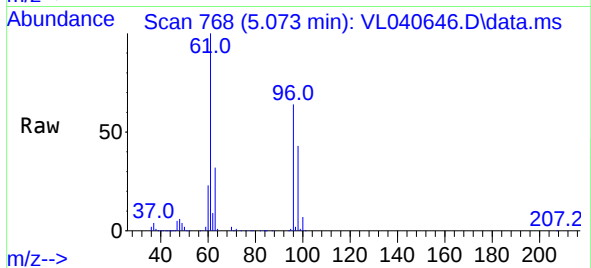
41 82.5 64.2 96.2





#31
 cis-1,2-Dichloroethene
 Concen: 9.591 ppbv
 RT: 5.073 min Scan# 71
 Delta R.T. -0.010 min
 Lab File: VL040646.D
 Acq: 5 Sep 2023 13:40

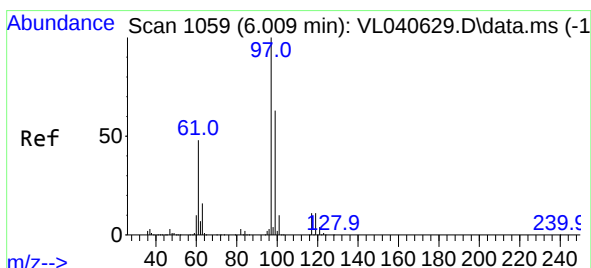
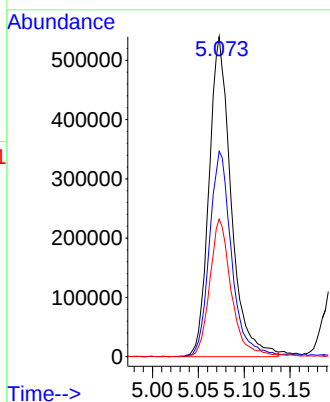
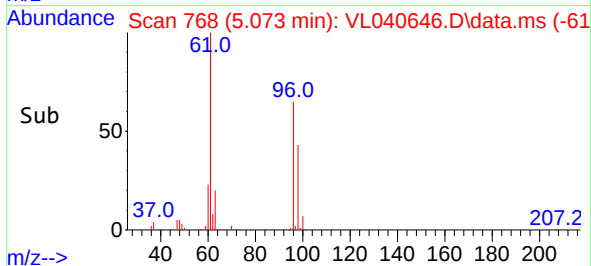
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0905ABS01



Tgt Ion: 61 Resp: 90580
 Ion Ratio Lower Upper
 61 100
 96 64.1 55.8 83.6
 98 43.0 34.8 52.2

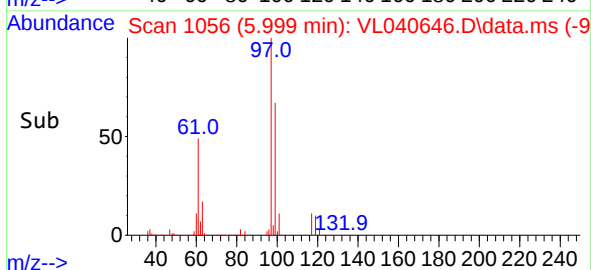
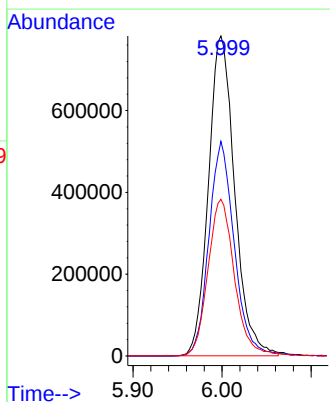
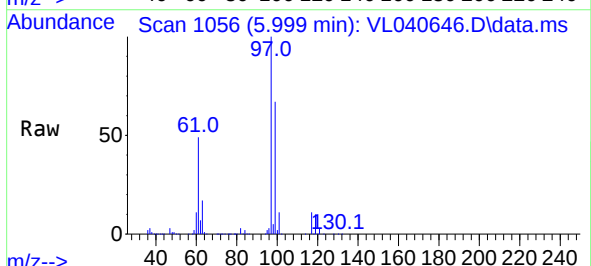
Manual Integrations
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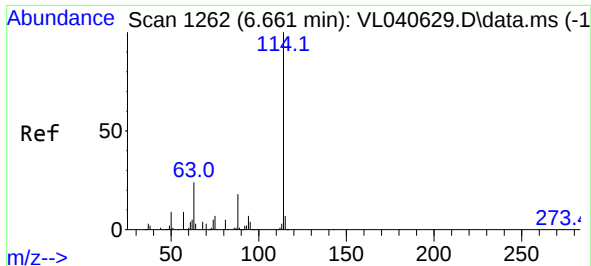
Reviewed By :Semsettin Yesilyurt 09/06/2023
 Supervised By :Mahesh Dadoda 09/06/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.088 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.010 min
 Lab File: VL040646.D
 Acq: 5 Sep 2023 13:40

Tgt Ion: 97 Resp: 1600070
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.2 76.8
 61 49.7 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL040646.D

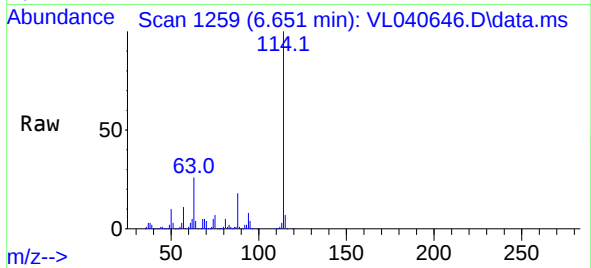
Acq: 5 Sep 2023 13:40

Instrument :

MSVOA_L

ClientSampleId :

VL0905ABS01



Tgt Ion:114 Resp: 2450324

Ion Ratio Lower Upper

114 100

63 26.0 20.2 30.2

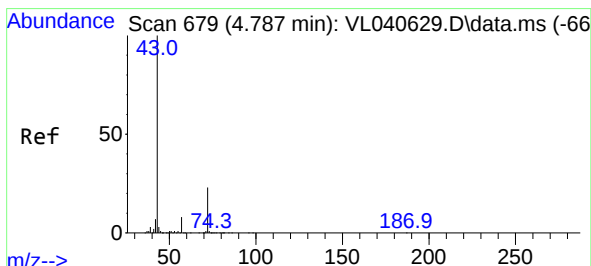
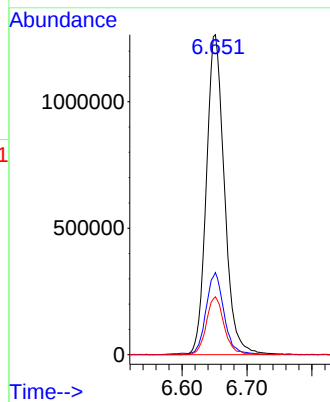
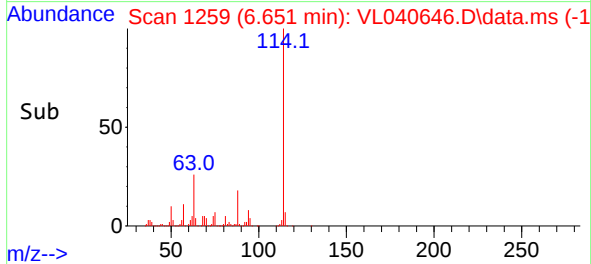
88 17.9 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#34

2-Butanone

Concen: 9.784 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.007 min

Lab File: VL040646.D

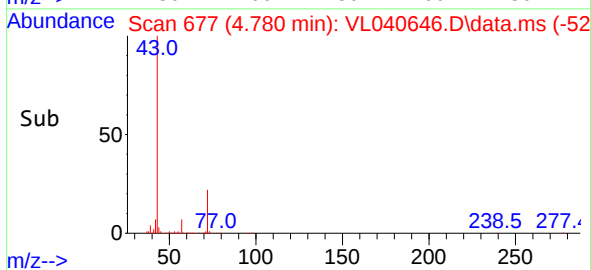
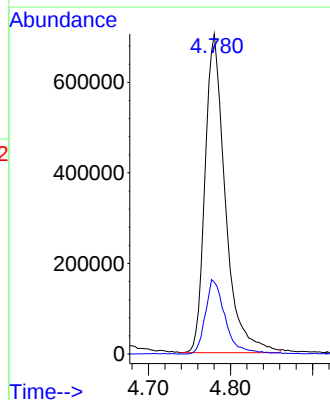
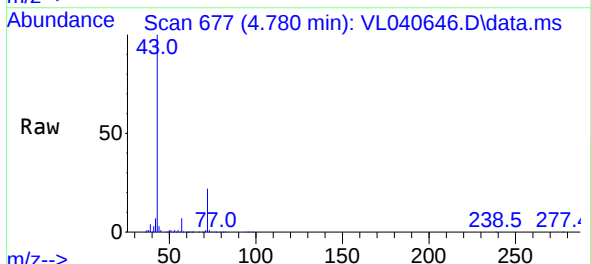
Acq: 5 Sep 2023 13:40

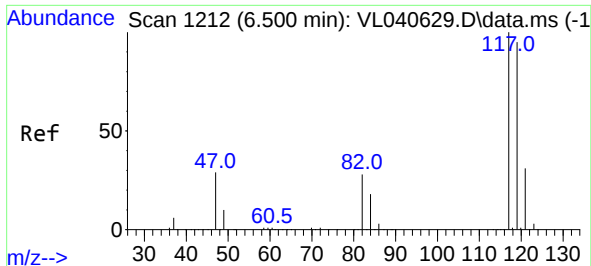
Tgt Ion: 43 Resp: 1209005

Ion Ratio Lower Upper

43 100

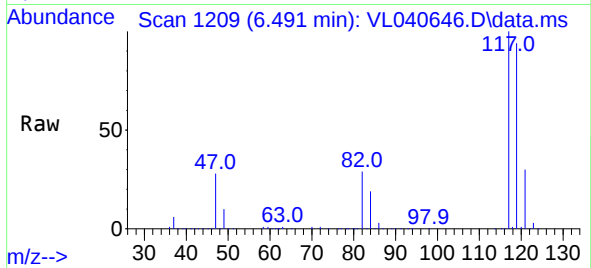
72 23.2 19.2 28.8





#35
Carbon Tetrachloride
Concen: 10.912 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. -0.010 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

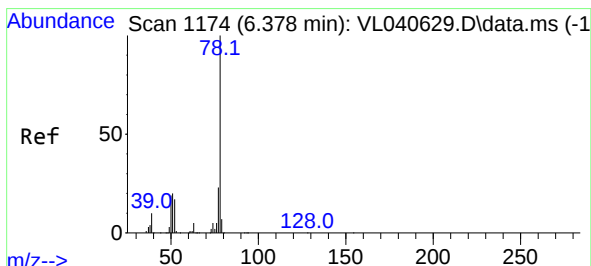
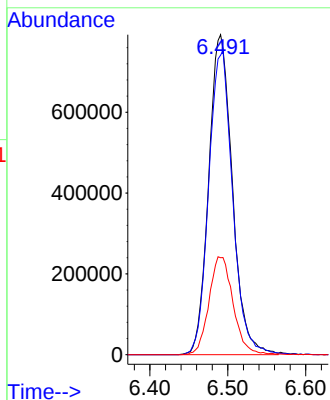
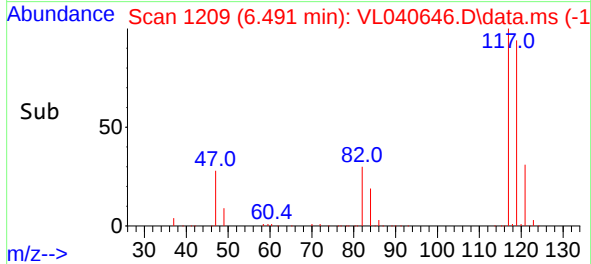
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



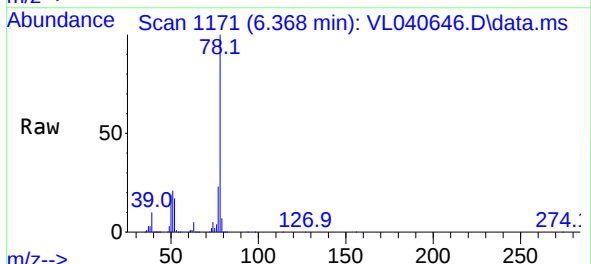
Tgt Ion: 117 Resp: 1673029
Ion Ratio Lower Upper
117 100
119 93.6 75.6 113.4
121 30.3 24.9 37.3

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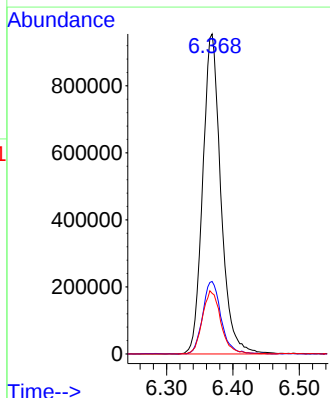
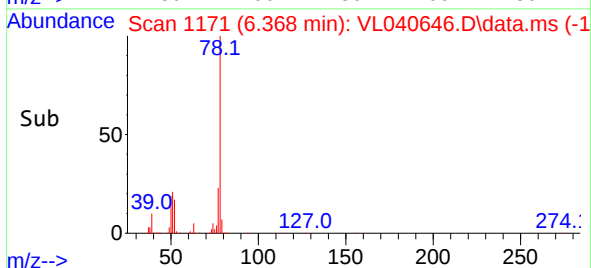
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

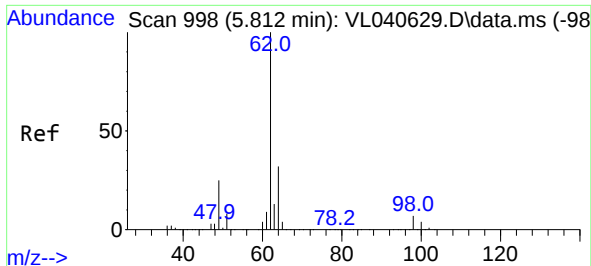


#36
Benzene
Concen: 9.297 ppbv
RT: 6.368 min Scan# 1171
Delta R.T. -0.010 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



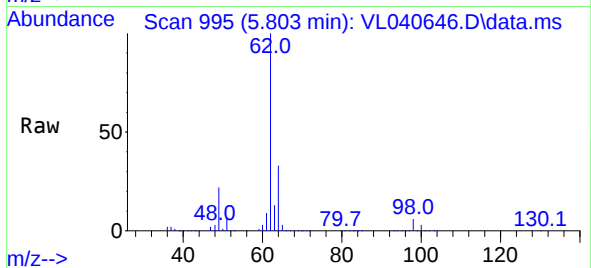
Tgt Ion: 78 Resp: 1812333
Ion Ratio Lower Upper
78 100
77 22.6 18.2 27.2
50 19.0 15.0 22.6





#37
1,2-Dichloroethane
Concen: 10.128 ppbv
RT: 5.803 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

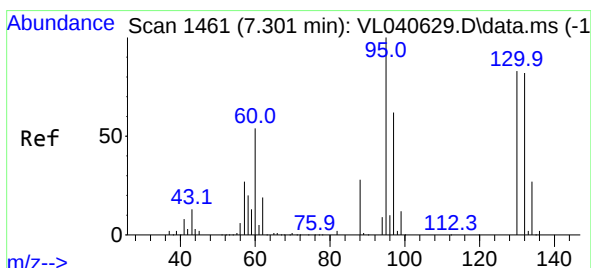
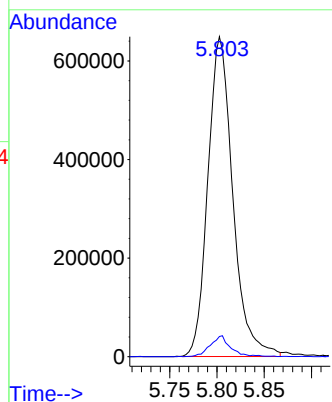
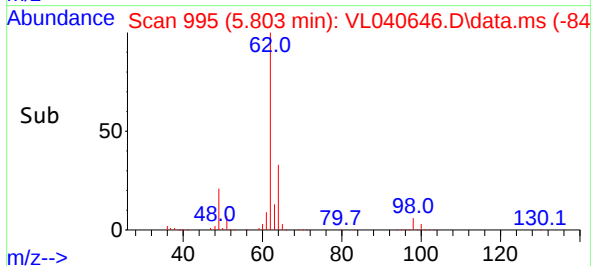
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



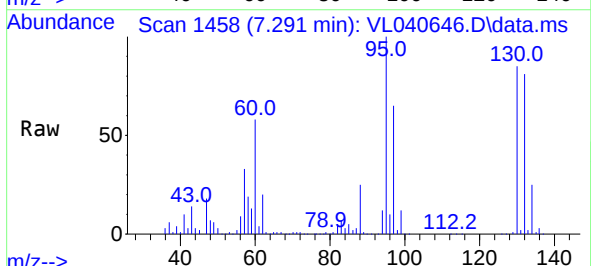
Tgt Ion: 62 Resp: 1190690
Ion Ratio Lower Upper
62 100
98 5.5 4.9 7.3

Manual Integrations
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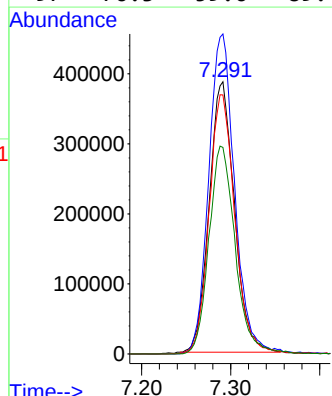
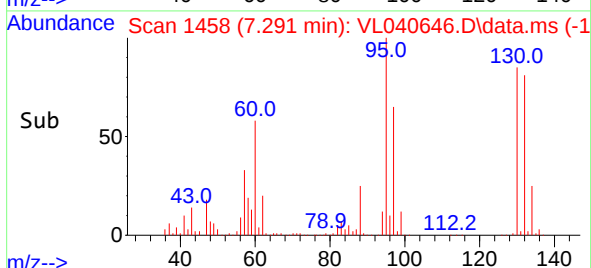
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

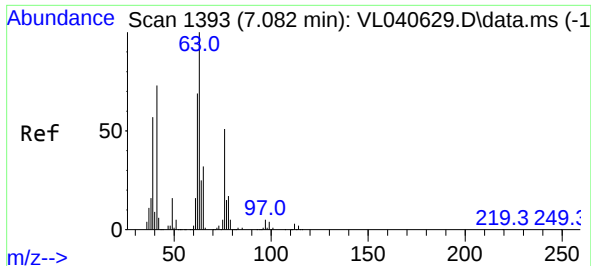


#38
Trichloroethene
Concen: 10.069 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.010 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



Tgt Ion:130 Resp: 760026
Ion Ratio Lower Upper
130 100
95 118.3 95.9 143.9
132 95.6 79.0 118.4
97 76.3 59.6 89.4





#39

1,2-Dichloropropane

Concen: 9.356 ppbv

RT: 7.073 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040646.D

Acq: 5 Sep 2023 13:40

Instrument :

MSVOA_L

ClientSampleId :

VL0905ABS01

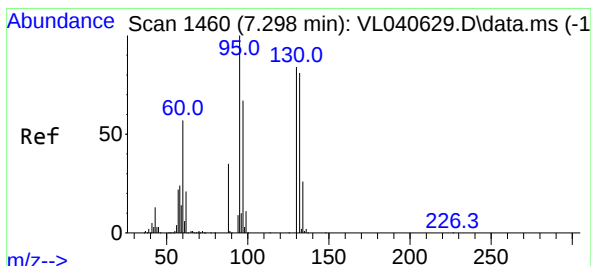
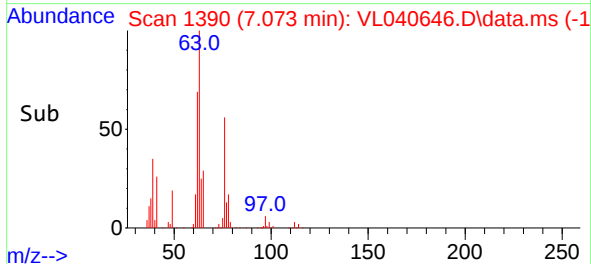
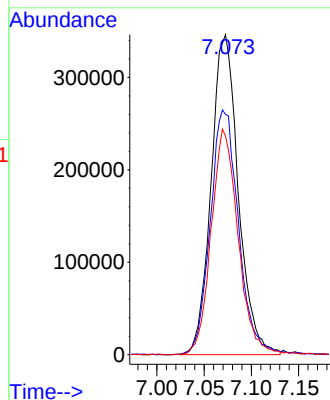
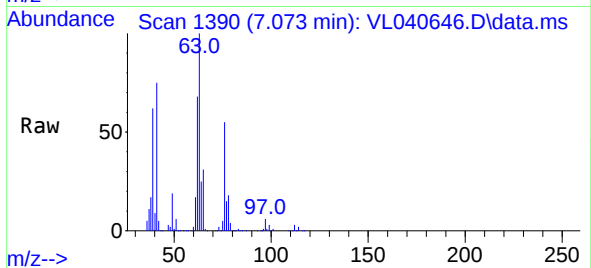
Tgt Ion: 63 Resp: 693830

Ion	Ratio	Lower	Upper
63	100		
41	75.0	58.2	87.2
62	68.3	55.0	82.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#40

1,4-Dioxane

Concen: 9.013 ppbv

RT: 7.285 min Scan# 1456

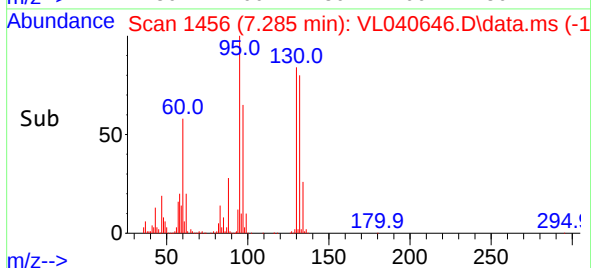
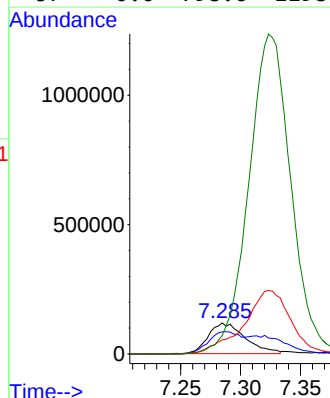
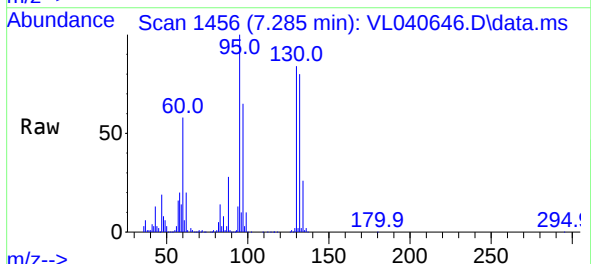
Delta R.T. -0.013 min

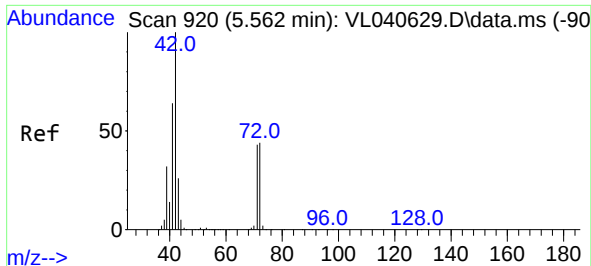
Lab File: VL040646.D

Acq: 5 Sep 2023 13:40

Tgt Ion: 88 Resp: 253242

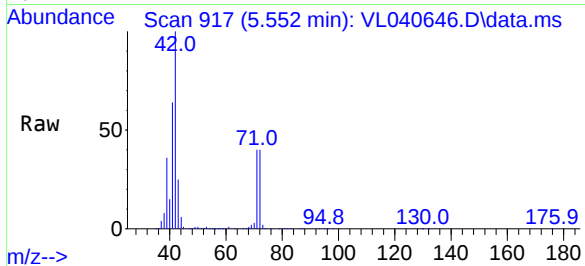
Ion	Ratio	Lower	Upper
88	100		
58	129.6	92.8	139.2
43	0.0	179.1	268.7#
57	0.0	798.6	1198.0#





#41
Tetrahydrofuran
Concen: 9.391 ppbv
RT: 5.552 min Scan# 917
Delta R.T. -0.010 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

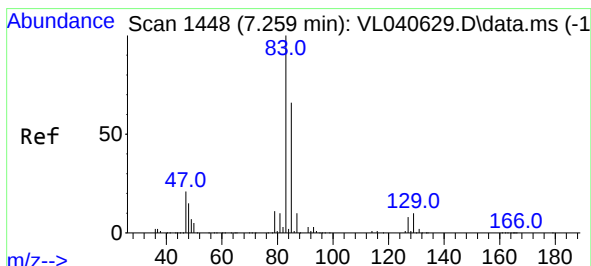
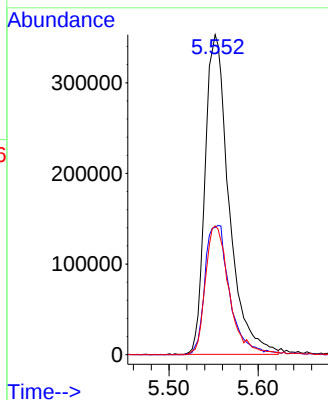
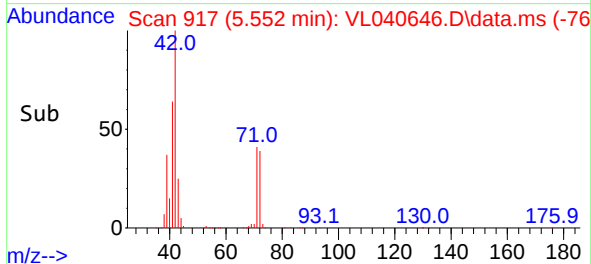
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



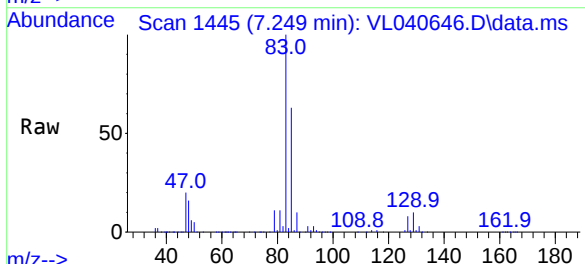
Tgt Ion: 42 Resp: 655874
Ion Ratio Lower Upper
42 100
72 42.7 34.2 51.4
71 40.9 33.4 50.0

Manual Integrations
APPROVED

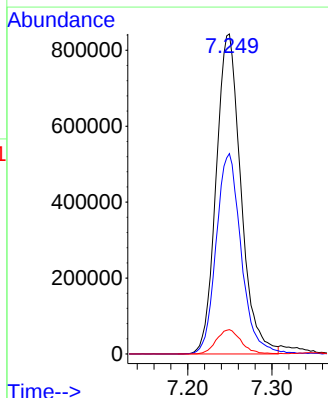
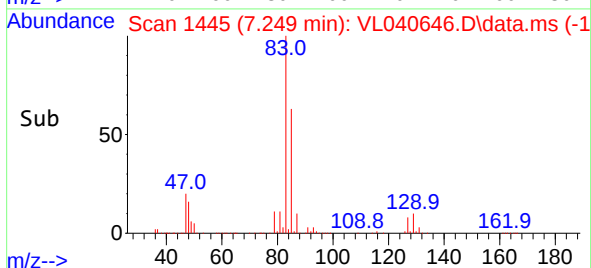
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

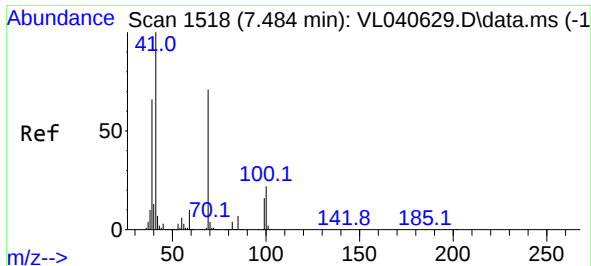


#42
Bromodichloromethane
Concen: 10.510 ppbv
RT: 7.249 min Scan# 1445
Delta R.T. -0.010 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



Tgt Ion: 83 Resp: 1719950
Ion Ratio Lower Upper
83 100
85 62.6 52.5 78.7
127 7.6 6.1 9.1





#43

Methyl Methacrylate

Concen: 10.314 ppbv

RT: 7.471 min Scan# 1

Delta R.T. -0.013 min

Lab File: VL040646.D

Acq: 5 Sep 2023 13:40

Instrument :

MSVOA_L

ClientSampleId :

VL0905ABS01

Tgt Ion: 69 Resp: 75284

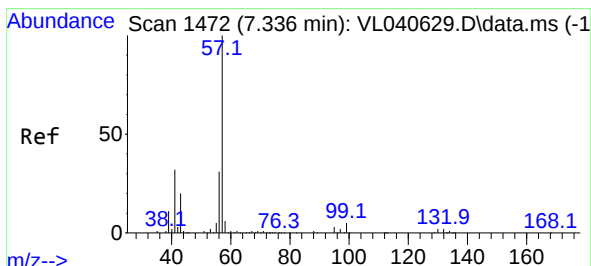
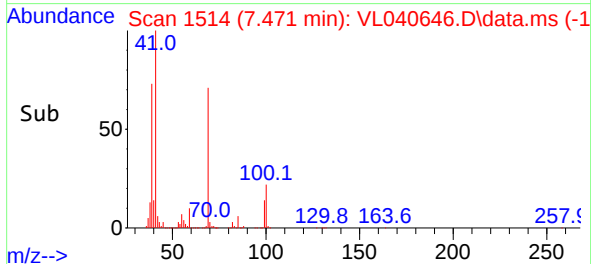
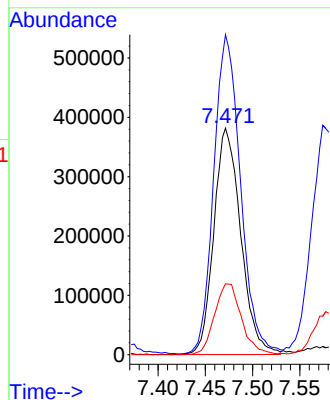
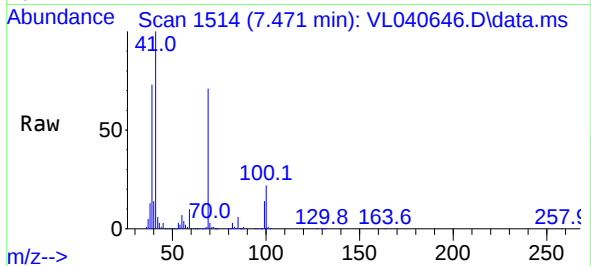
Ion	Ratio	Lower	Upper
69	100		
41	141.1	111.8	167.8
100	31.5	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#44

2,2,4-Trimethylpentane

Concen: 9.609 ppbv

RT: 7.323 min Scan# 1468

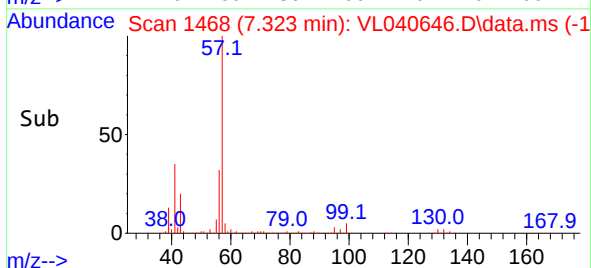
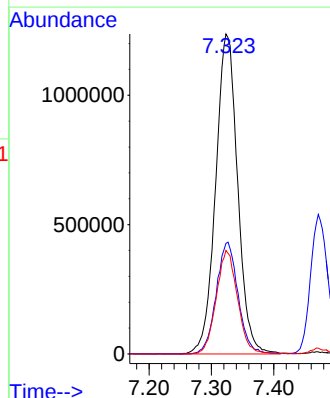
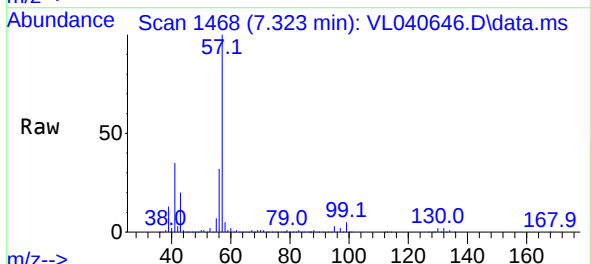
Delta R.T. -0.013 min

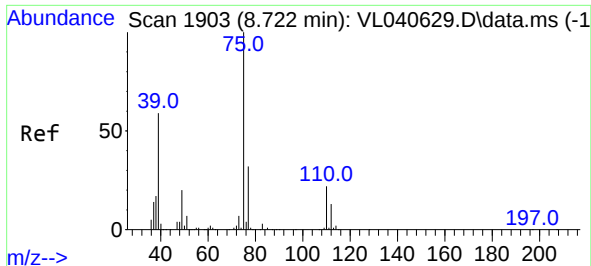
Lab File: VL040646.D

Acq: 5 Sep 2023 13:40

Tgt Ion: 57 Resp: 3027535

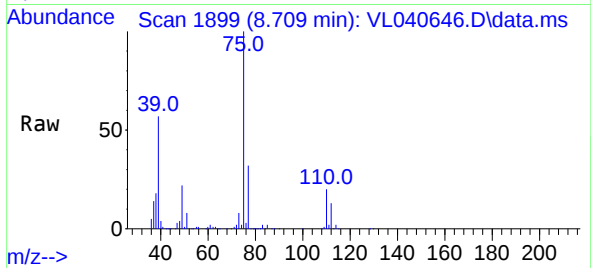
Ion	Ratio	Lower	Upper
57	100		
41	34.6	26.2	39.4
56	31.3	24.7	37.1





#45
t-1,3-Dichloropropene
Concen: 11.986 ppbv
RT: 8.709 min Scan# 1190
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

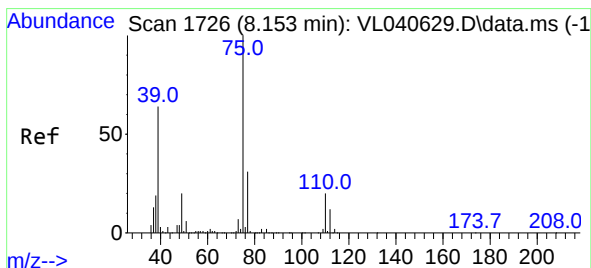
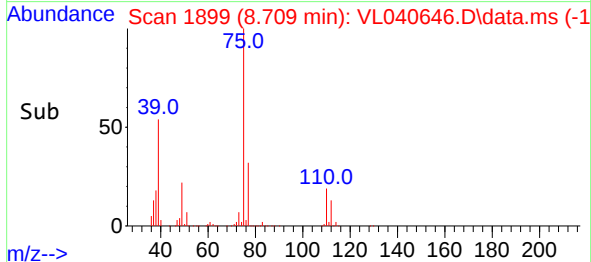
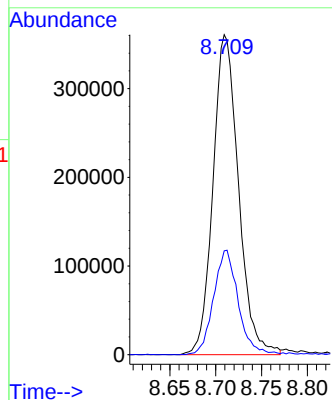
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



Tgt Ion: 75 Resp: 69864
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4

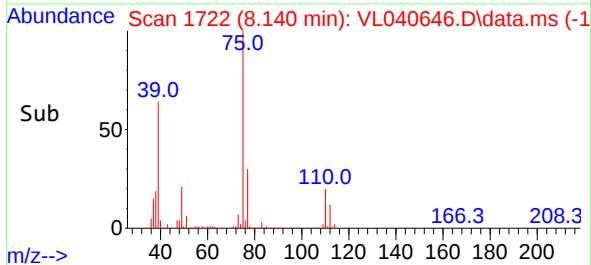
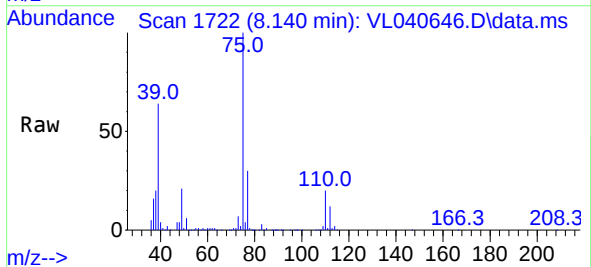
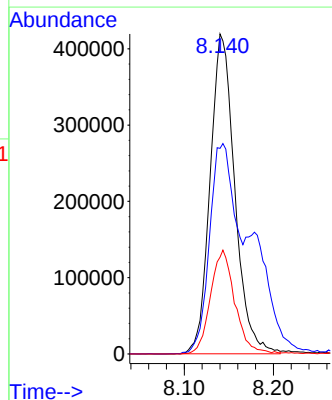
Manual Integrations
APPROVED

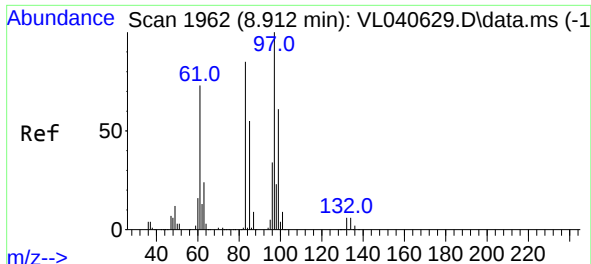
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#46
cis-1,3-Dichloropropene
Concen: 11.328 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

Tgt Ion: 75 Resp: 805491
Ion Ratio Lower Upper
75 100
39 64.1 51.0 76.4
77 30.3 24.6 36.8





#47

1,1,2-Trichloroethane

Concen: 9.509 ppbv

RT: 8.899 min Scan# 1962

Delta R.T. -0.013 min

Lab File: VL040646.D

Acq: 5 Sep 2023 13:40

Instrument :

MSVOA_L

ClientSampleId :

VL0905ABS01

Tgt Ion: 97 Resp: 796632

Ion Ratio Lower Upper

97 100

83 90.3 67.8 101.8

85 59.2 44.0 66.0

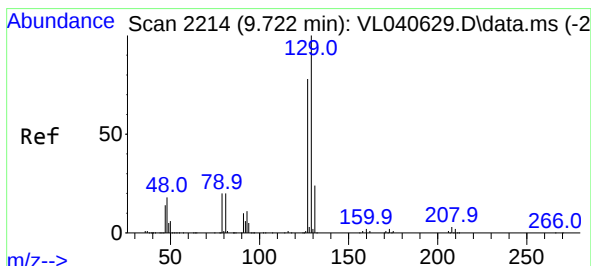
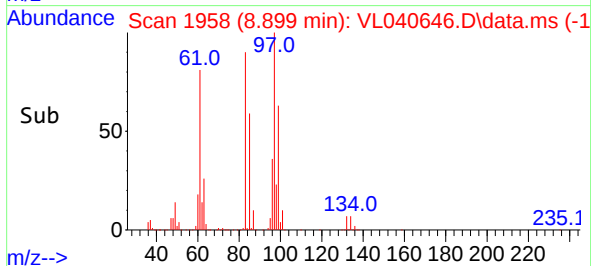
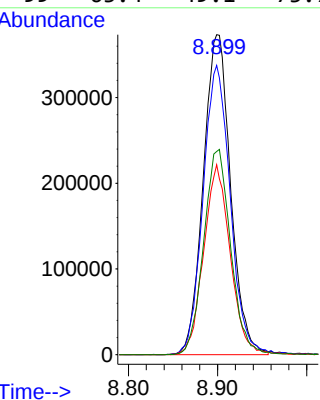
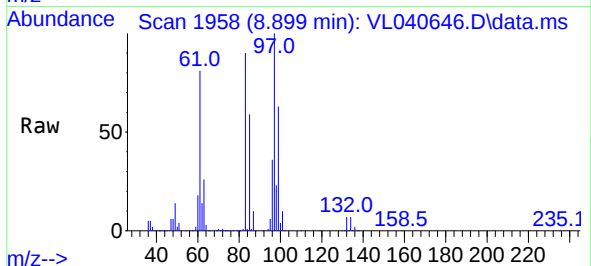
99 63.4 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#48

Dibromochloromethane

Concen: 10.873 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. -0.013 min

Lab File: VL040646.D

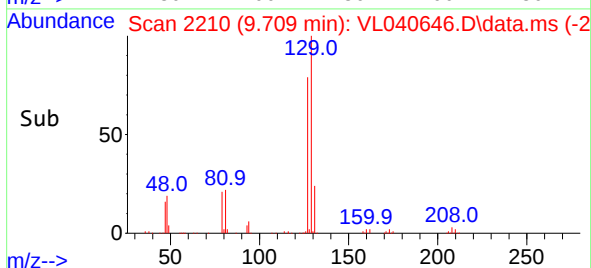
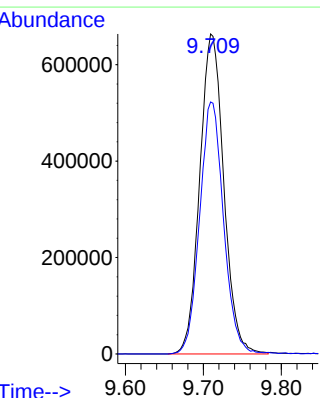
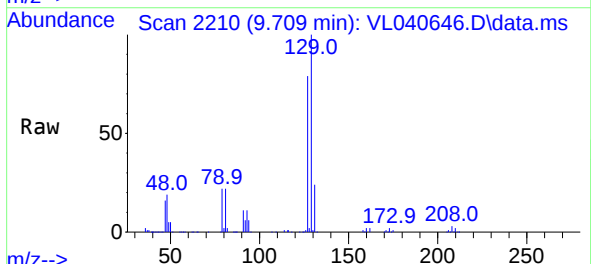
Acq: 5 Sep 2023 13:40

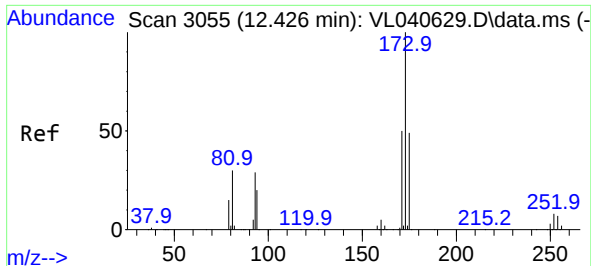
Tgt Ion:129 Resp: 1425468

Ion Ratio Lower Upper

129 100

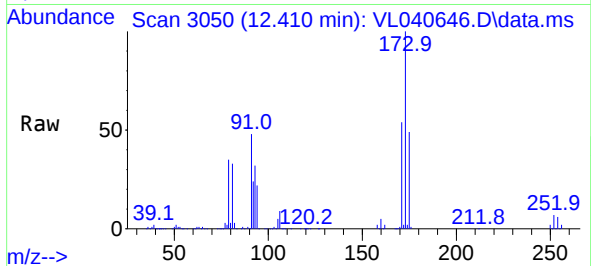
127 78.5 38.9 116.7





#49
Bromoform
Concen: 11.409 ppbv
RT: 12.410 min Scan# 3055
Delta R.T. -0.016 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

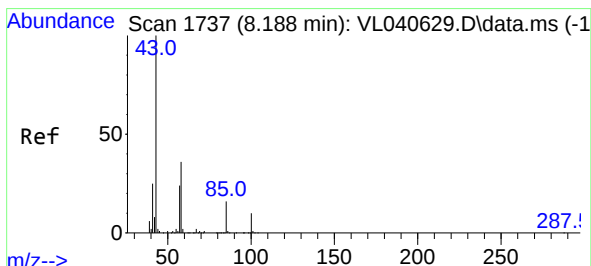
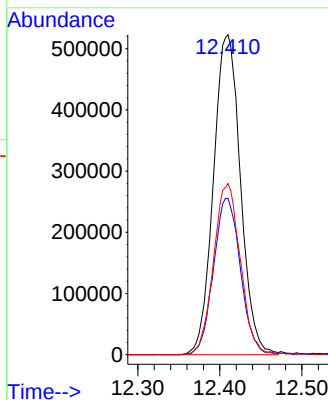
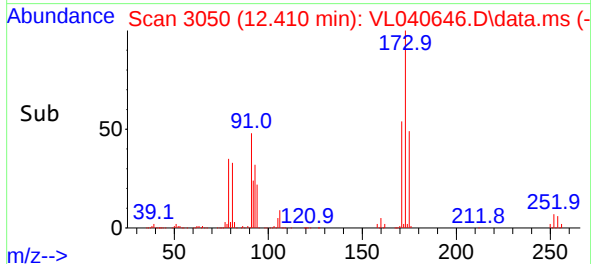
Instrument : MSVOA_L
ClientSampleId : VL0905ABS01



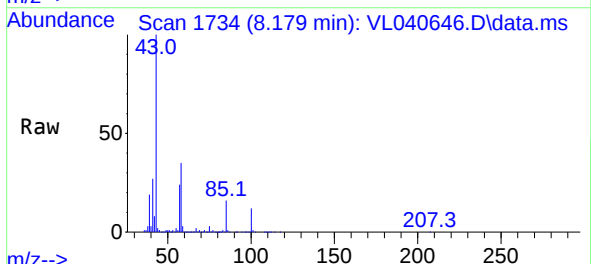
Tgt Ion: 173 Resp: 1198470
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.6
171 53.1 41.9 62.9

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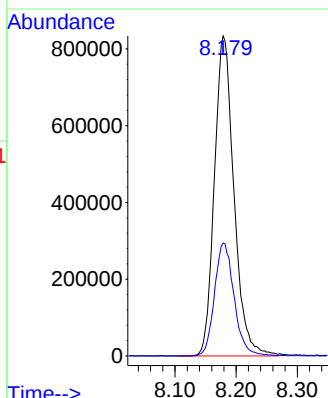
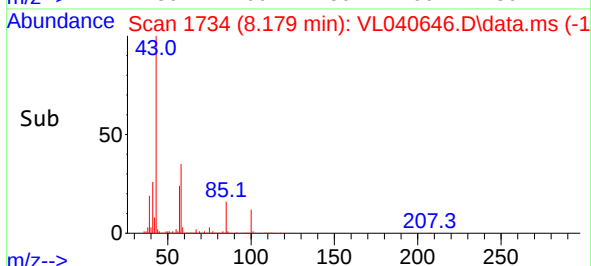
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

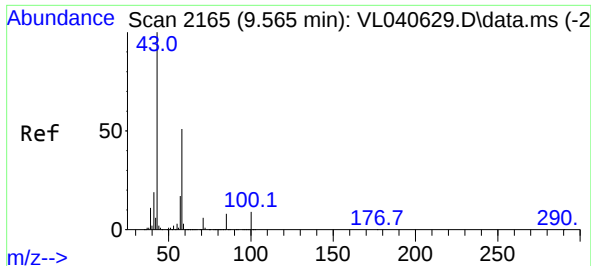


#50
4-Methyl-2-Pentanone
Concen: 10.246 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. -0.010 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



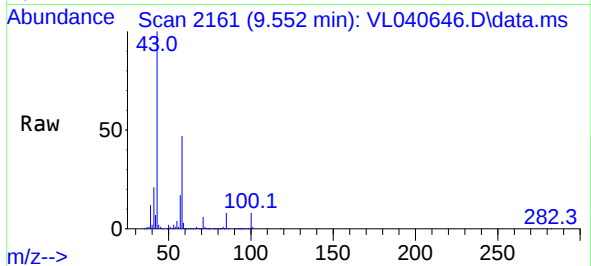
Tgt Ion: 43 Resp: 1849640
Ion Ratio Lower Upper
43 100
58 35.4 29.2 43.8





#51
2-Hexanone
Concen: 10.631 ppbv
RT: 9.552 min Scan# 2165
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

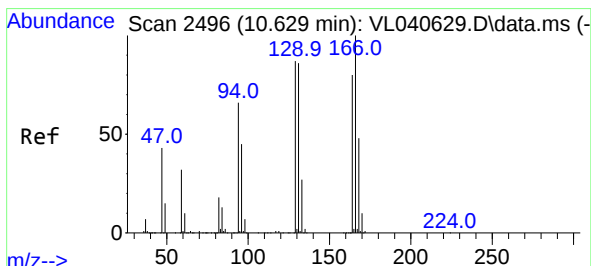
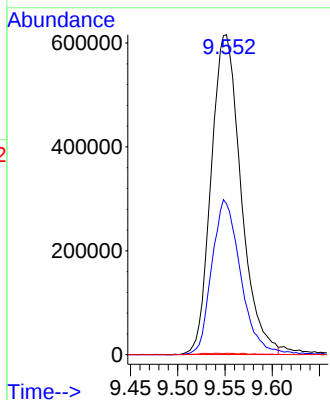
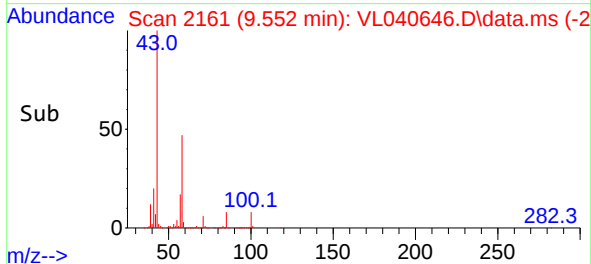
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



Tgt Ion: 43 Resp: 135219
Ion Ratio Lower Upper
43 100
58 47.3 39.4 59.2
98 0.7 0.4 0.6

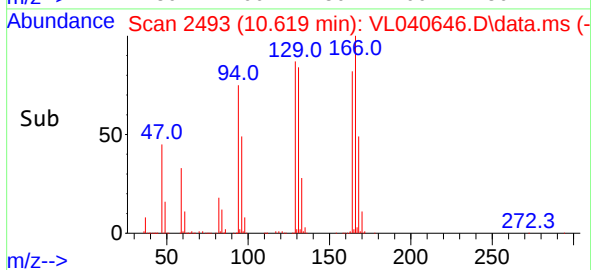
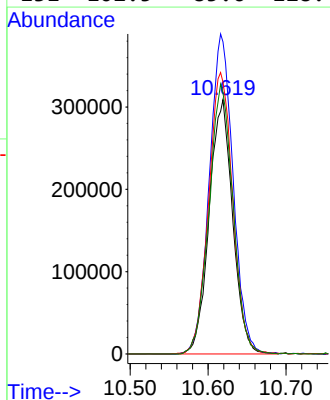
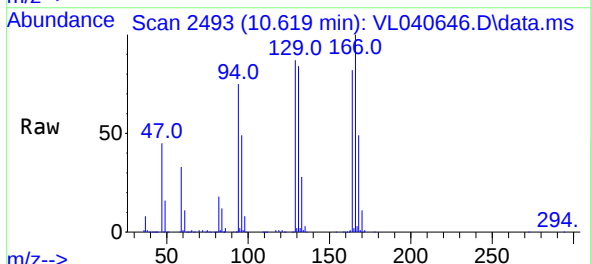
Manual Integrations
APPROVED

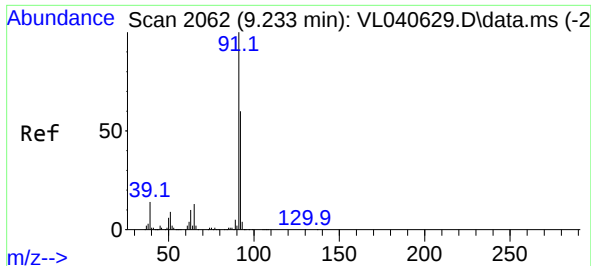
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#52
Tetrachloroethene
Concen: 10.630 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.010 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

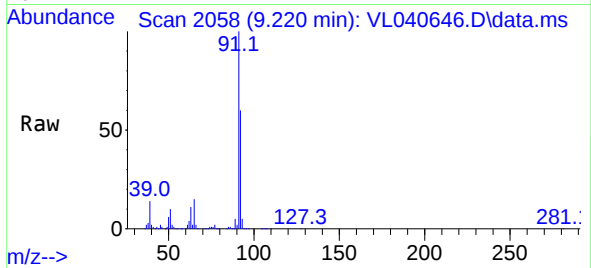
Tgt Ion:164 Resp: 648930
Ion Ratio Lower Upper
164 100
166 122.5 99.5 149.3
129 106.6 86.9 130.3
131 102.5 85.6 128.4





#53
Toluene
Concen: 10.353 ppbv
RT: 9.220 min Scan# 2062
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

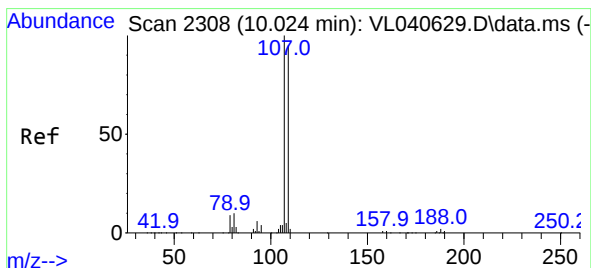
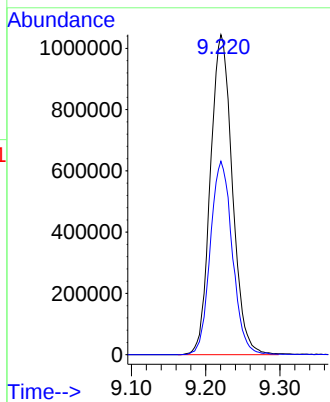
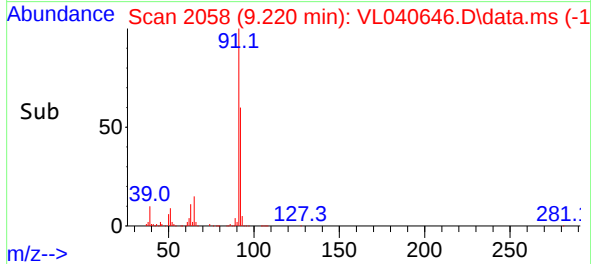
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



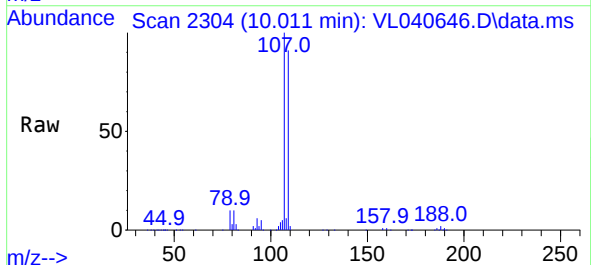
Tgt Ion: 91 Resp: 214460
Ion Ratio Lower Upper
91 100
92 60.8 48.0 72.0

Manual Integrations
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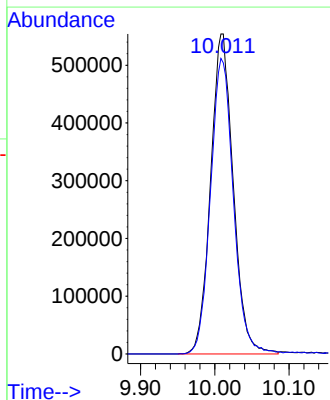
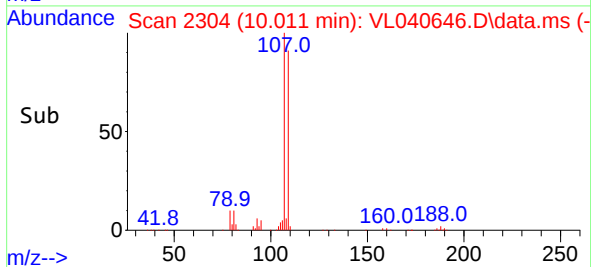
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

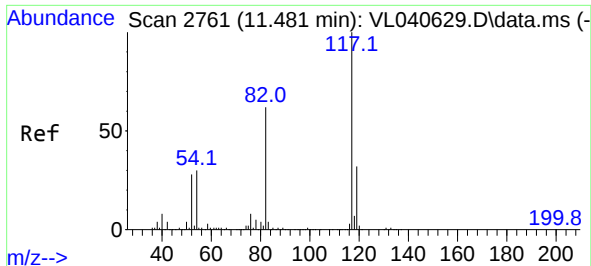


#54
1,2-Dibromoethane
Concen: 11.002 ppbv
RT: 10.011 min Scan# 2304
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



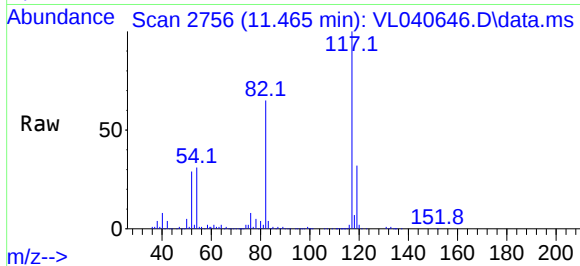
Tgt Ion:107 Resp: 1173521
Ion Ratio Lower Upper
107 100
109 91.0 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.465 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

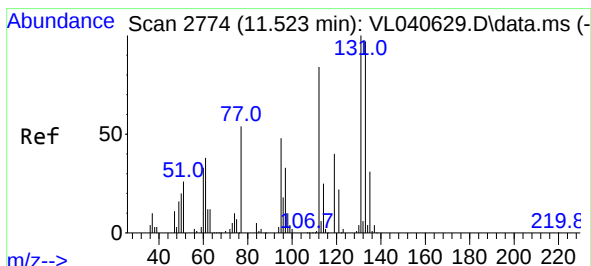
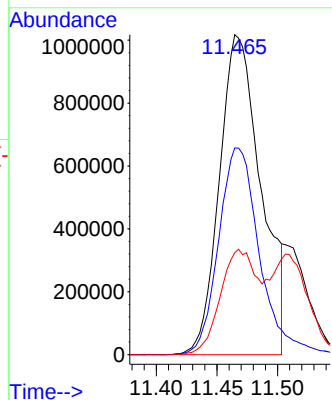
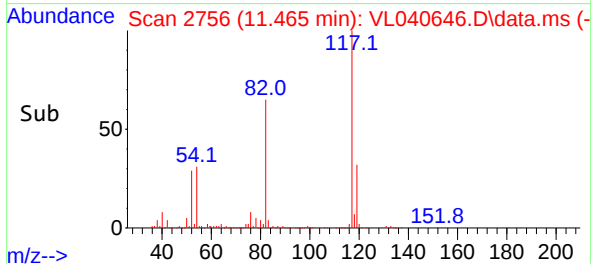
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



Tgt Ion:117 Resp: 243567
Ion Ratio Lower Upper
117 100
82 63.7 49.5 74.3
119 32.6 24.5 36.7

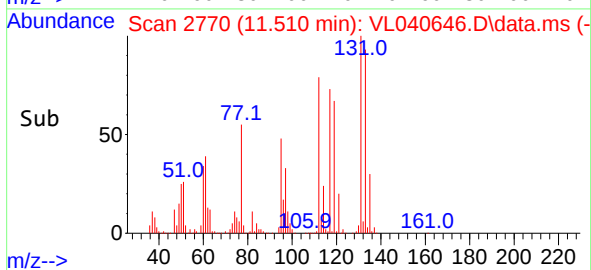
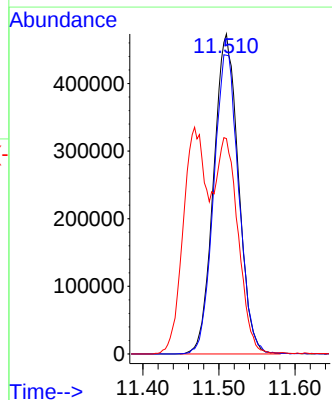
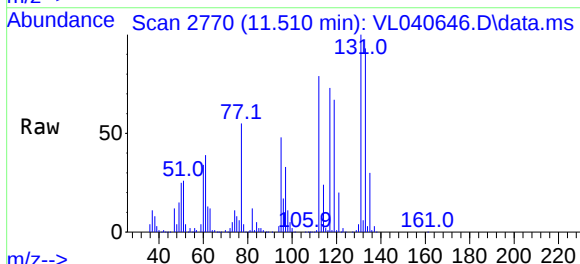
Manual Integrations
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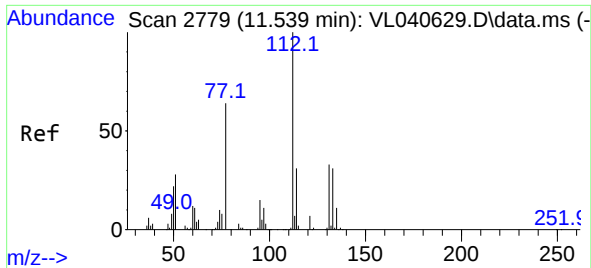
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.513 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

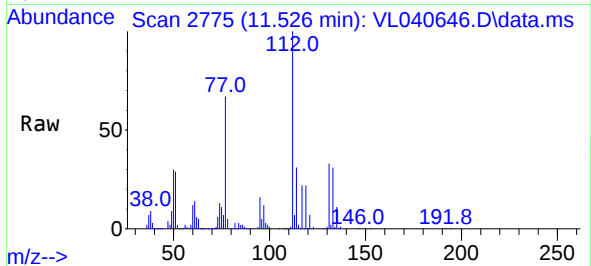
Tgt Ion:131 Resp: 1072096
Ion Ratio Lower Upper
131 100
133 94.9 75.4 113.0
119 61.3 51.0 76.6





#57
Chlorobenzene
Concen: 9.193 ppbv
RT: 11.526 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

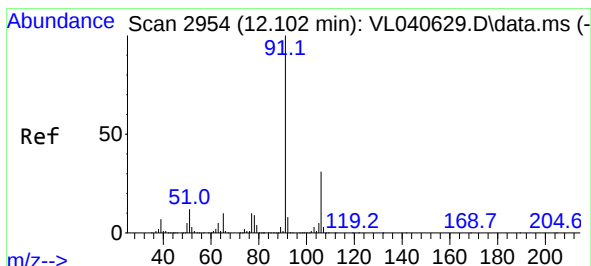
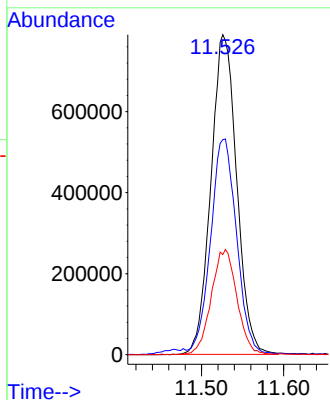
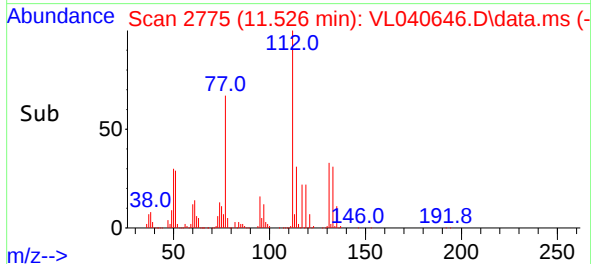
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



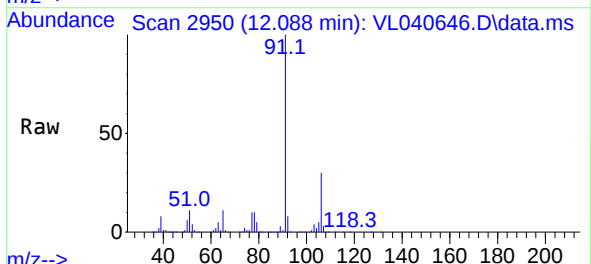
Tgt Ion:112 Resp: 1728120
Ion Ratio Lower Upper
112 100
77 66.9 52.5 78.7
114 31.3 27.8 34.0

Manual Integrations
APPROVED

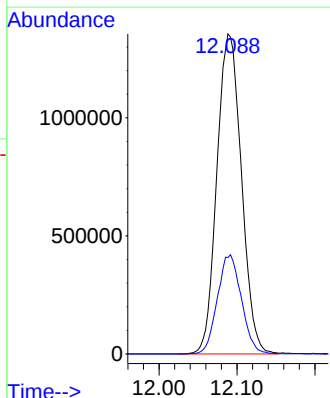
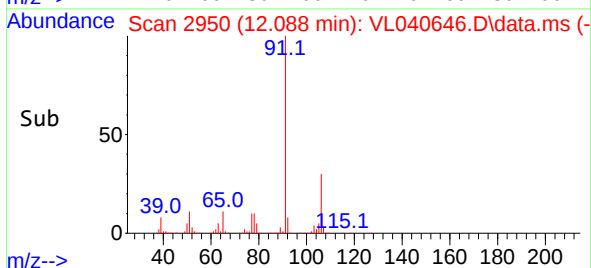
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

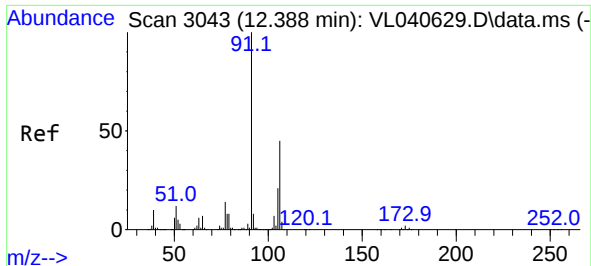


#58
Ethyl Benzene
Concen: 10.096 ppbv
RT: 12.088 min Scan# 2950
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



Tgt Ion: 91 Resp: 2965338
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8





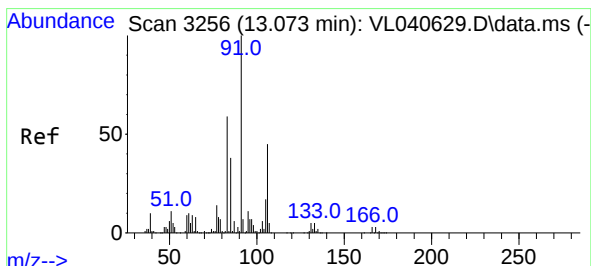
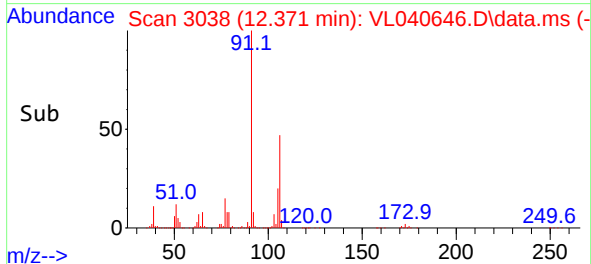
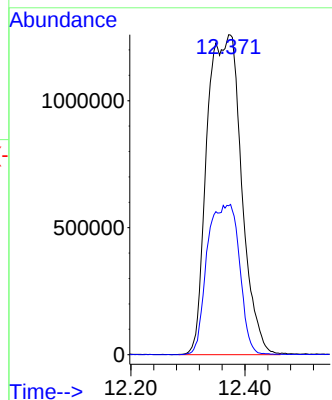
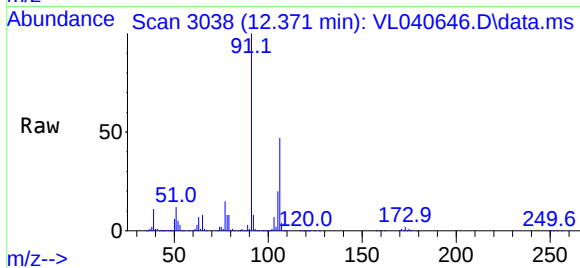
#59
m/p-Xylene
Concen: 19.664 ppbv m
RT: 12.371 min Scan# 3043
Delta R.T. -0.016 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01

Tgt Ion: 91 Resp: 526846
Ion Ratio Lower Upper
91 100
106 43.9 35.3 52.9

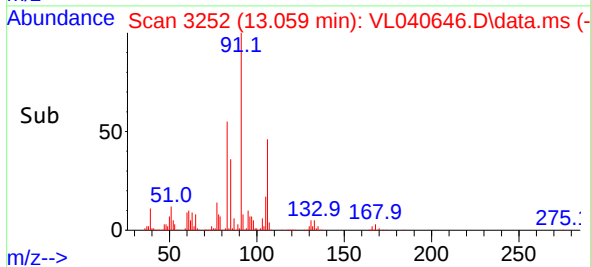
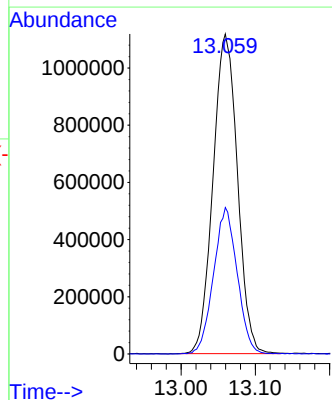
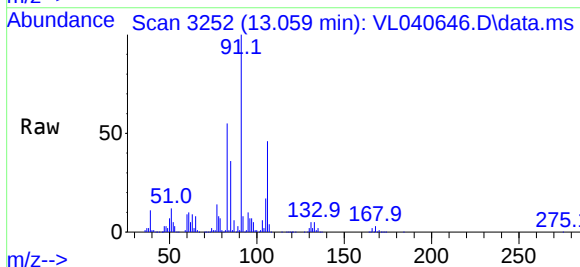
Manual Integrations
APPROVED

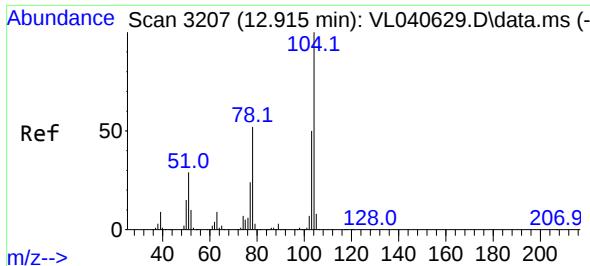
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#60
o-Xylene
Concen: 10.071 ppbv
RT: 13.059 min Scan# 3252
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

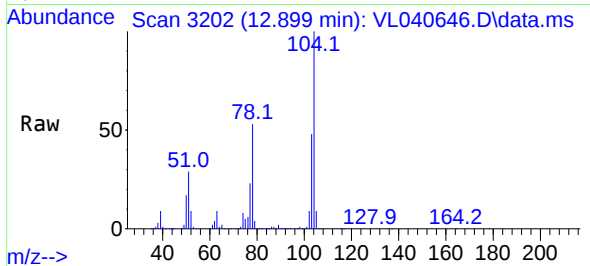
Tgt Ion: 91 Resp: 2557405
Ion Ratio Lower Upper
91 100
106 44.4 22.5 67.5





#61
Styrene
Concen: 11.143 ppbv
RT: 12.899 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

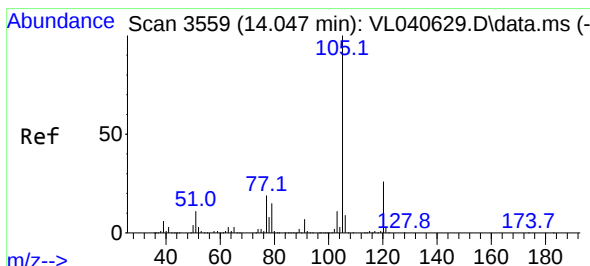
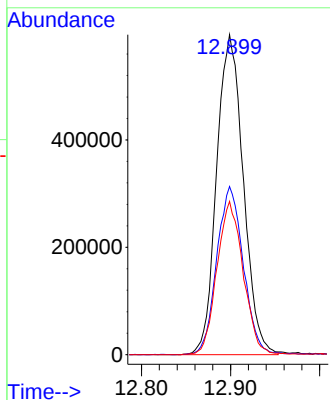
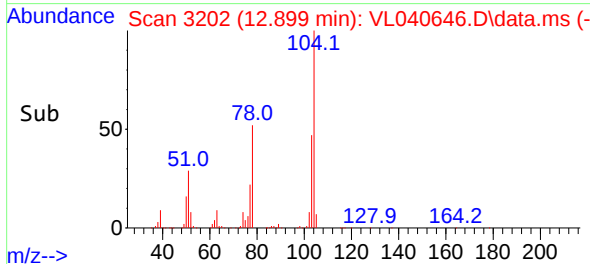
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



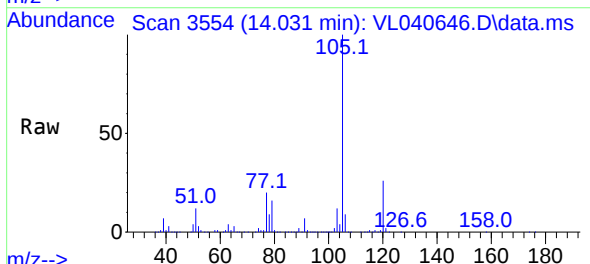
Tgt Ion:104 Resp: 123992
Ion Ratio Lower Upper
104 100
78 52.6 41.0 61.4
103 47.2 37.3 55.9

Manual Integrations
APPROVED

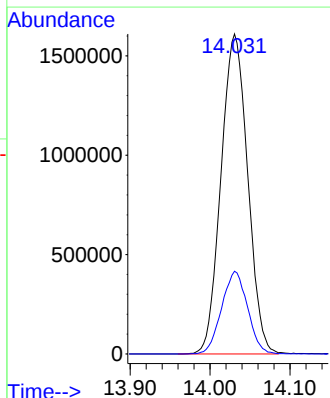
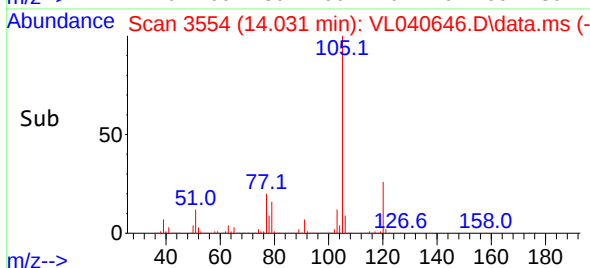
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

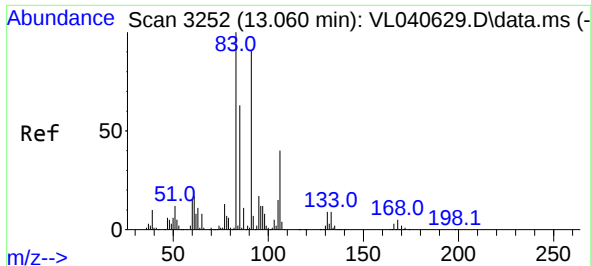


#62
Isopropylbenzene
Concen: 9.706 ppbv
RT: 14.031 min Scan# 3554
Delta R.T. -0.016 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



Tgt Ion:105 Resp: 3730216
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5





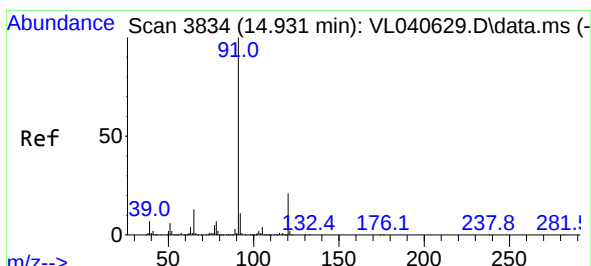
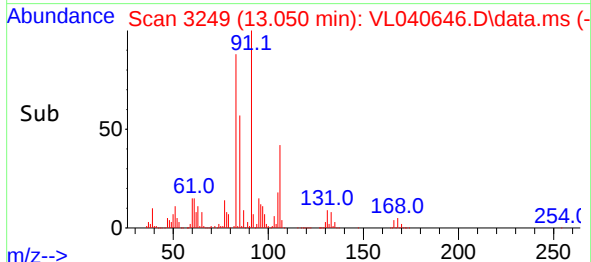
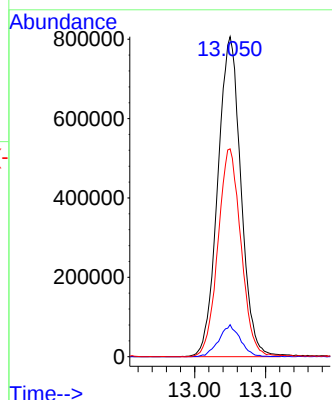
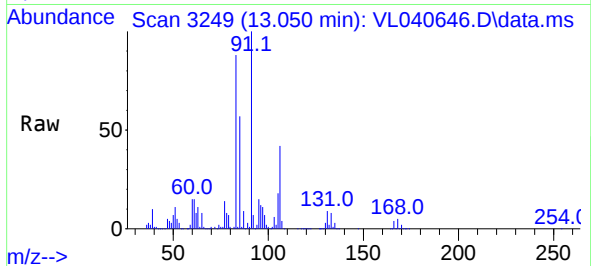
#63
1,1,2,2-Tetrachloroethane
Concen: 9.625 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01

Tgt Ion: 83 Resp: 183063
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 64.8 32.4 97.2

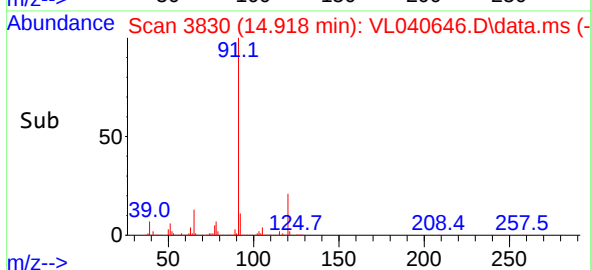
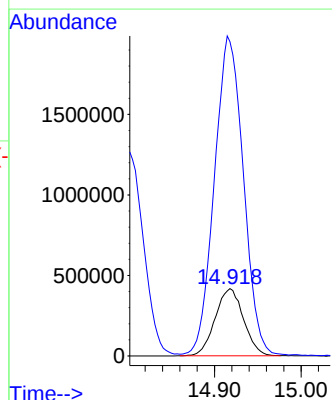
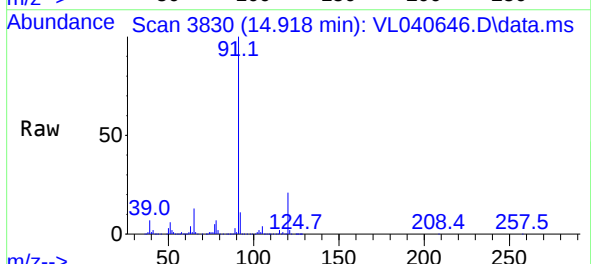
Manual Integrations
APPROVED

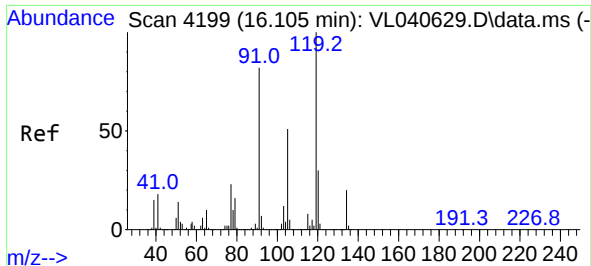
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#64
n-propylbenzene
Concen: 9.767 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

Tgt Ion:120 Resp: 948645
Ion Ratio Lower Upper
120 100
91 490.6 387.8 581.8





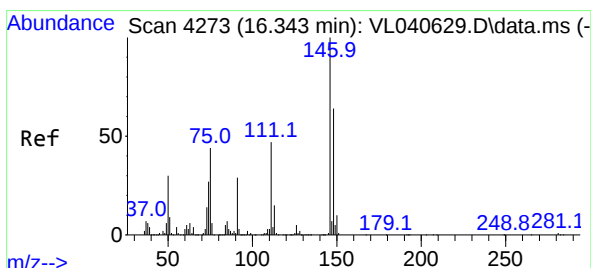
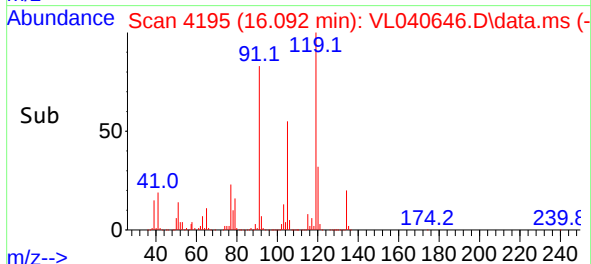
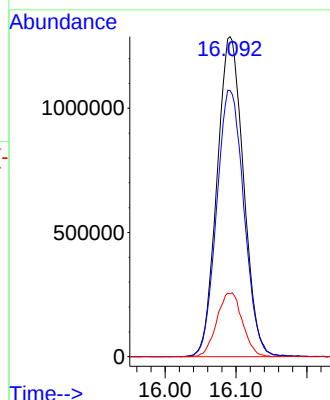
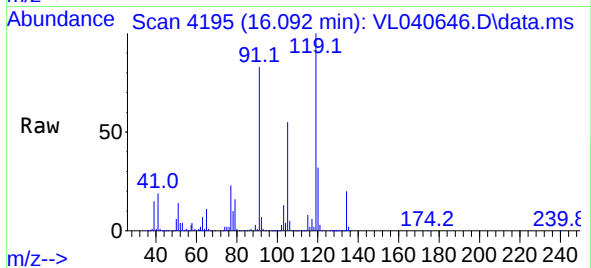
#65
tert-Butylbenzene
Concen: 10.045 ppbv
RT: 16.092 min Scan# 4199
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01

Tgt Ion:119 Resp: 334598
Ion Ratio Lower Upper
119 100
91 86.2 67.8 101.6
134 19.4 15.7 23.5

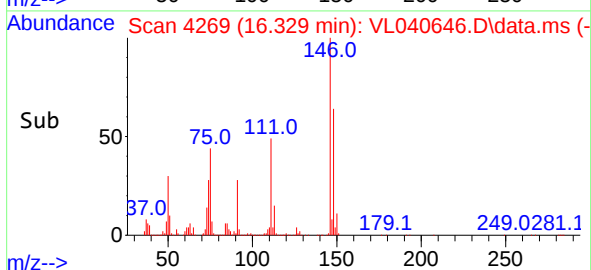
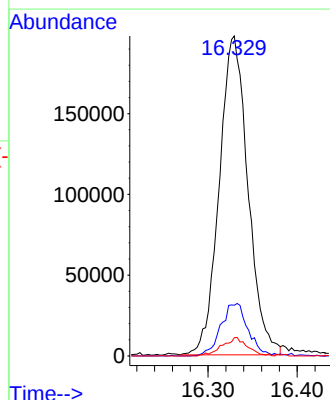
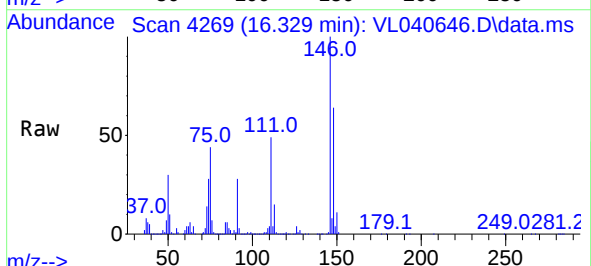
Manual Integrations
APPROVED

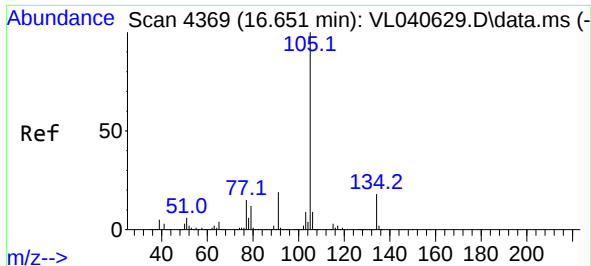
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#66
Benzyl Chloride
Concen: 10.550 ppbv
RT: 16.329 min Scan# 4269
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

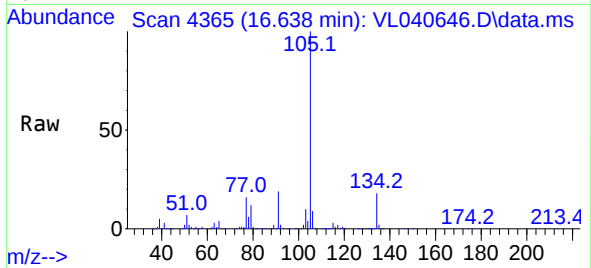
Tgt Ion: 91 Resp: 441901
Ion Ratio Lower Upper
91 100
126 16.0 13.6 20.4
128 5.3 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 9.777 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040646.D
 Acq: 5 Sep 2023 13:40

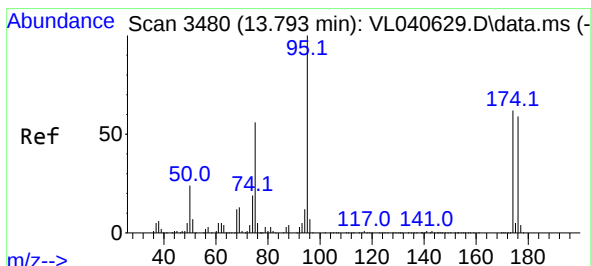
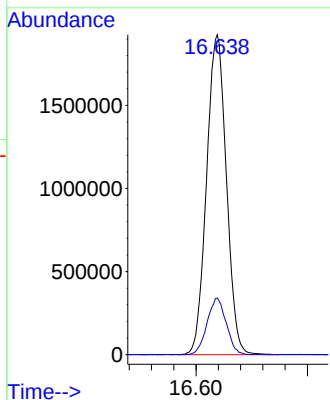
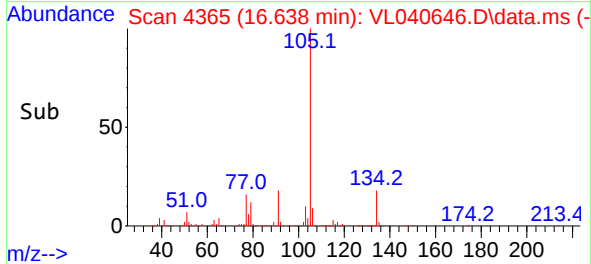
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0905ABS01



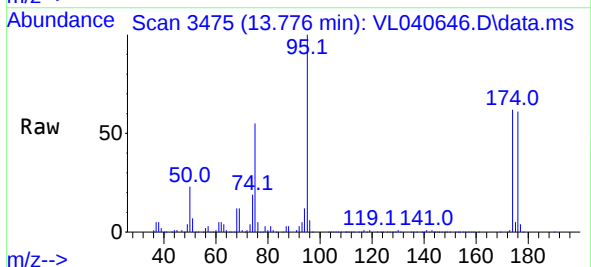
Tgt Ion:105 Resp: 4751225
 Ion Ratio Lower Upper
 105 100
 134 17.2 13.8 20.8

Manual Integrations
 APPROVED

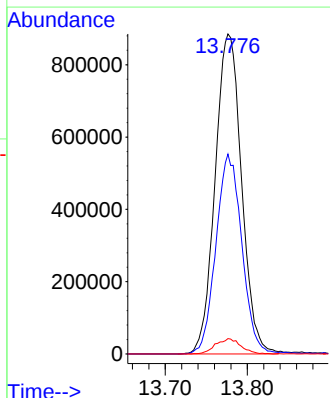
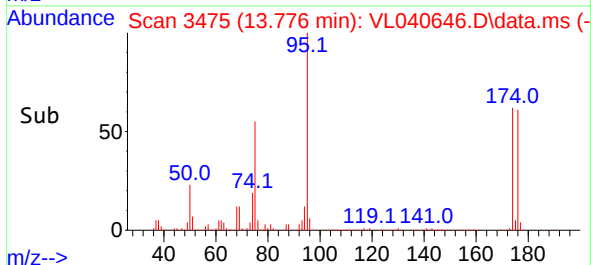
Reviewed By :Semsettin Yesilyurt 09/06/2023
 Supervised By :Mahesh Dadoda 09/06/2023

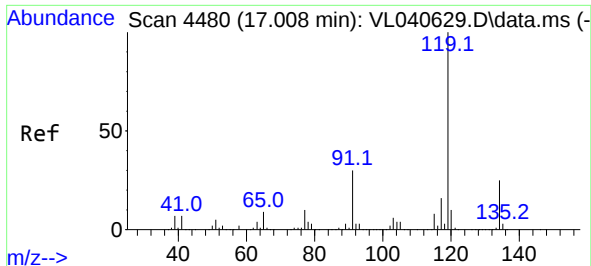


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.244 ppbv
 RT: 13.776 min Scan# 3475
 Delta R.T. -0.016 min
 Lab File: VL040646.D
 Acq: 5 Sep 2023 13:40



Tgt Ion: 95 Resp: 1984397
 Ion Ratio Lower Upper
 95 100
 174 61.3 49.1 73.7
 175 4.6 3.7 5.5





#69

p-Isopropyltoluene

Concen: 10.129 ppbv

RT: 16.998 min Scan# 4480

Delta R.T. -0.010 min

Lab File: VL040646.D

Acq: 5 Sep 2023 13:40

Instrument :

MSVOA_L

ClientSampleId :

VL0905ABS01

Tgt Ion:119 Resp: 385166

Ion Ratio Lower Upper

119 100

134 24.9 20.2 30.4

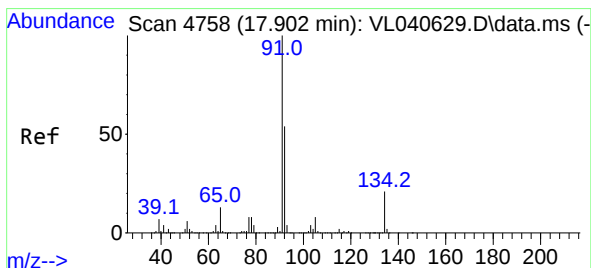
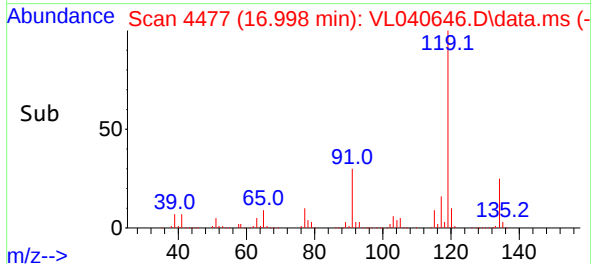
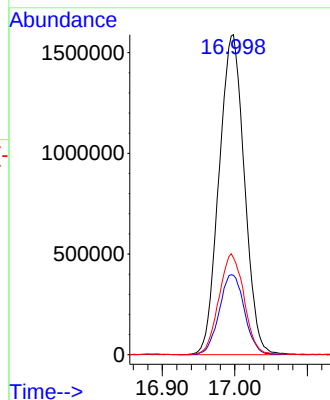
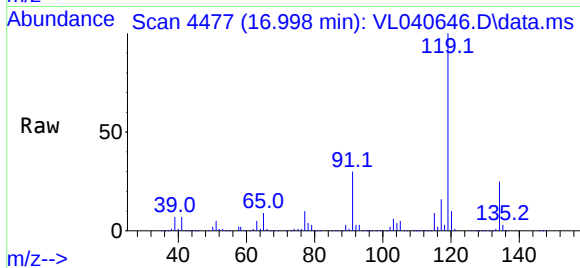
91 31.2 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#70

n-Butylbenzene

Concen: 10.163 ppbv

RT: 17.886 min Scan# 4753

Delta R.T. -0.016 min

Lab File: VL040646.D

Acq: 5 Sep 2023 13:40

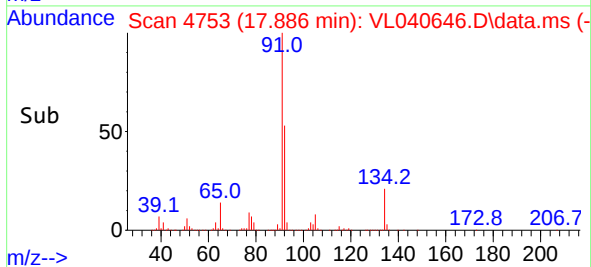
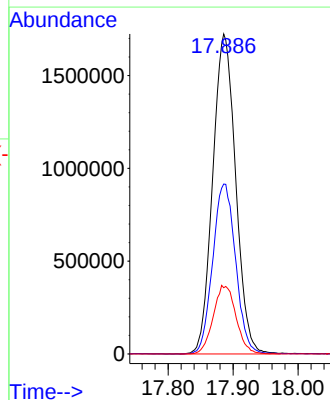
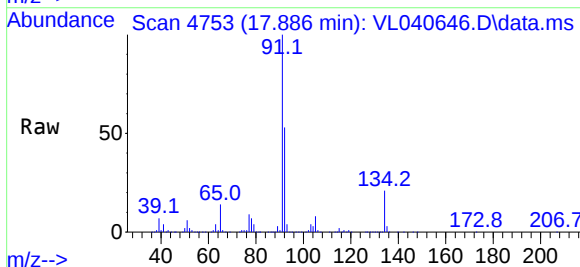
Tgt Ion: 91 Resp: 4219114

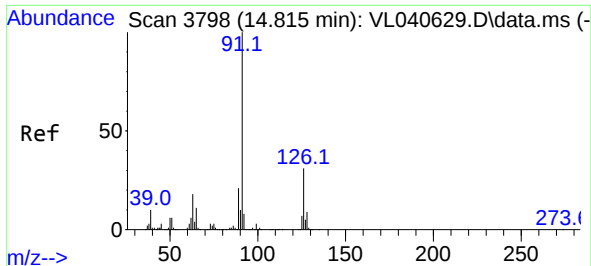
Ion Ratio Lower Upper

91 100

92 53.1 42.9 64.3

134 21.3 17.0 25.6





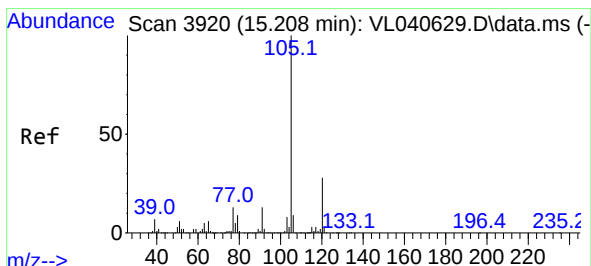
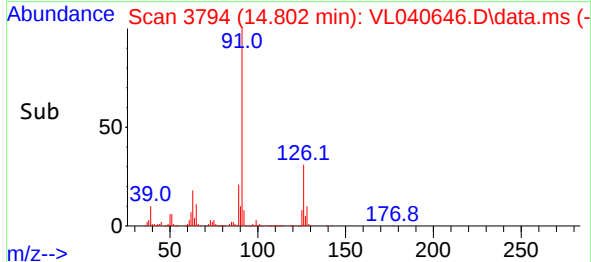
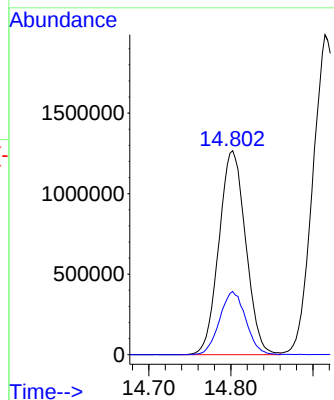
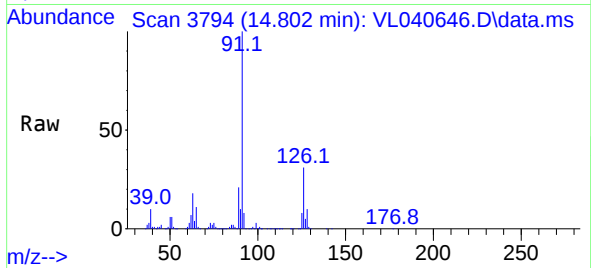
#71
2-Chlorotoluene
Concen: 10.095 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01

Tgt Ion: 91 Resp: 287861
Ion Ratio Lower Upper
91 100
126 30.3 12.2 49.0

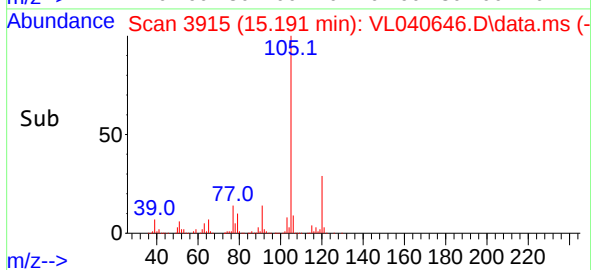
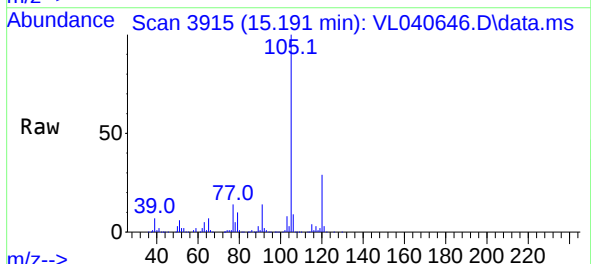
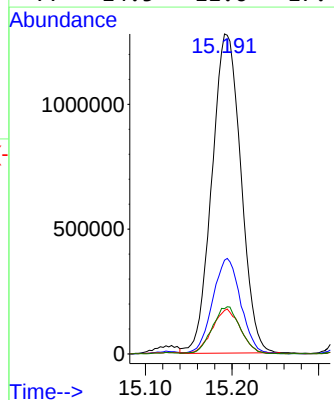
Manual Integrations
APPROVED

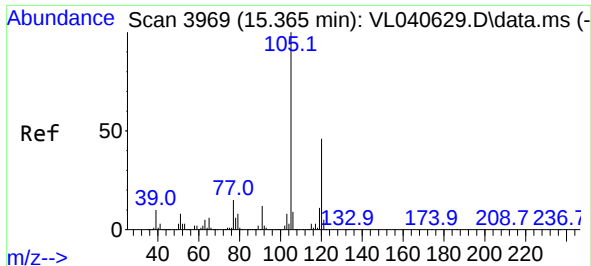
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#72
4-Ethyltoluene
Concen: 10.388 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.016 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

Tgt Ion:105 Resp: 2977938
Ion Ratio Lower Upper
105 100
120 29.8 23.0 34.6
91 14.4 10.9 16.3
77 14.5 11.6 17.4





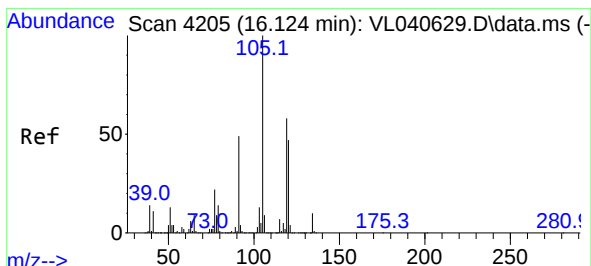
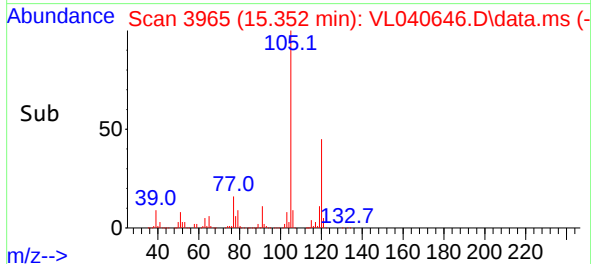
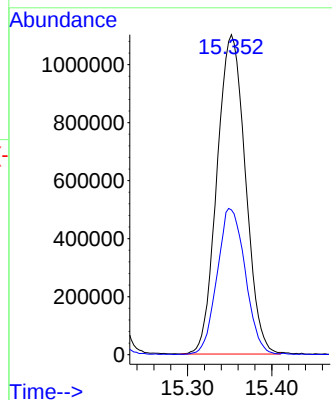
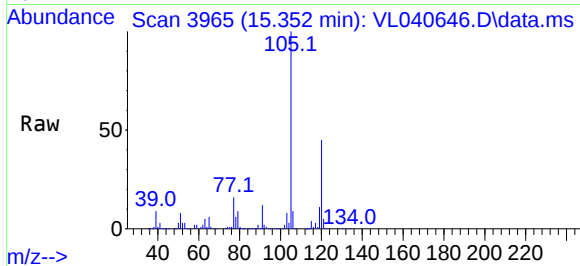
#73
1,3,5-Trimethylbenzene
Concen: 10.066 ppbv
RT: 15.352 min Scan# 3969
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01

Tgt Ion:105 Resp: 257947
Ion Ratio Lower Upper
105 100
120 45.2 36.5 54.7

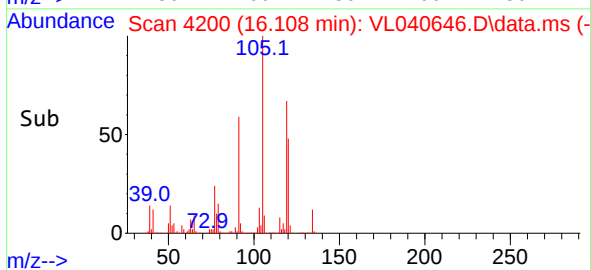
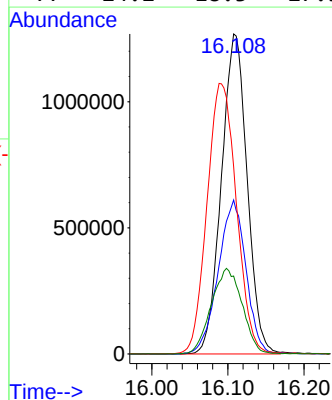
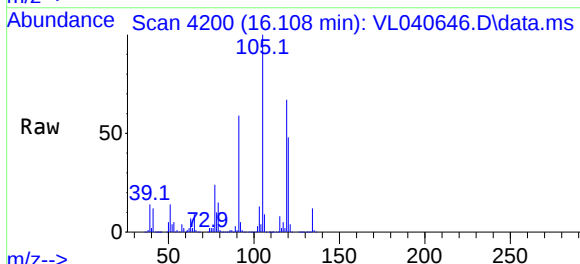
Manual Integrations
APPROVED

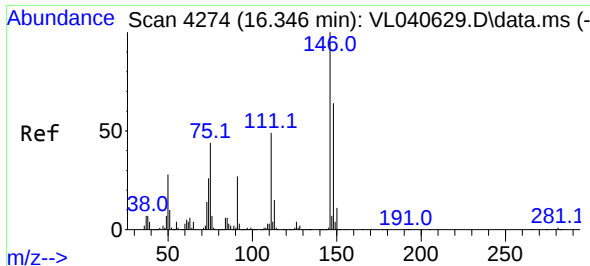
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#74
1,2,4-Trimethylbenzene
Concen: 9.942 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. -0.016 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

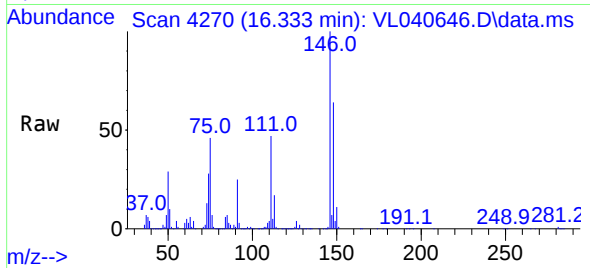
Tgt Ion:105 Resp: 2975324
Ion Ratio Lower Upper
105 100
120 48.0 37.7 56.5
91 58.2 41.2 61.8
77 24.2 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 9.809 ppbv
RT: 16.333 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

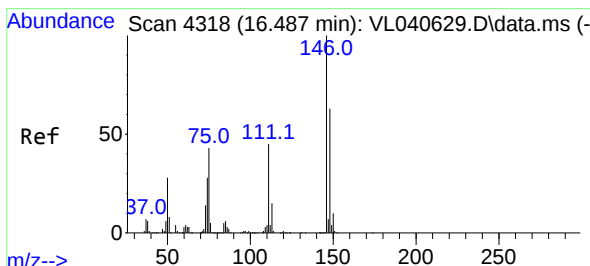
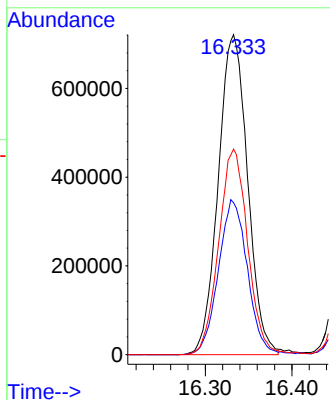
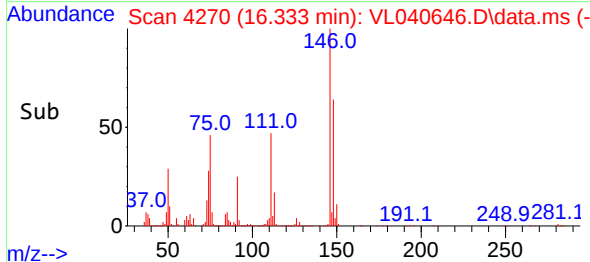
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



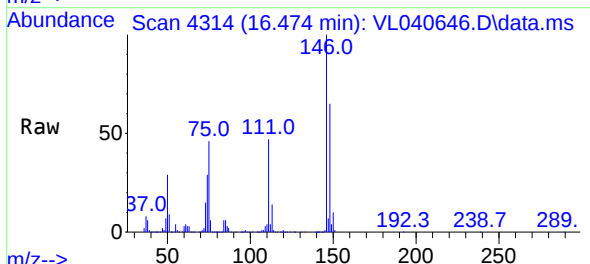
Tgt Ion:146 Resp: 169730
Ion Ratio Lower Upper
146 100
111 48.0 23.7 71.1
148 63.8 31.7 95.1

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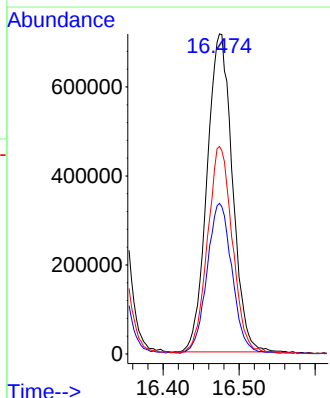
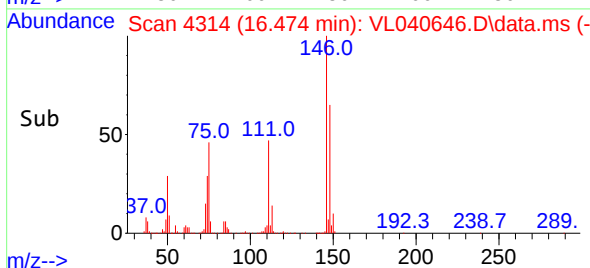
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

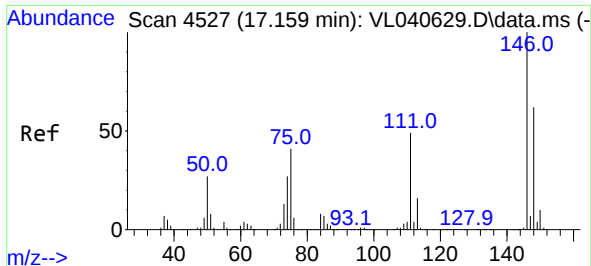


#76
1,4-Dichlorobenzene
Concen: 9.772 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. -0.013 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



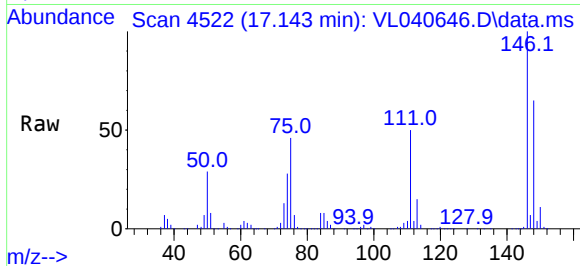
Tgt Ion:146 Resp: 1653066
Ion Ratio Lower Upper
146 100
111 47.2 23.2 69.5
148 65.3 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 9.597 ppbv
RT: 17.143 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

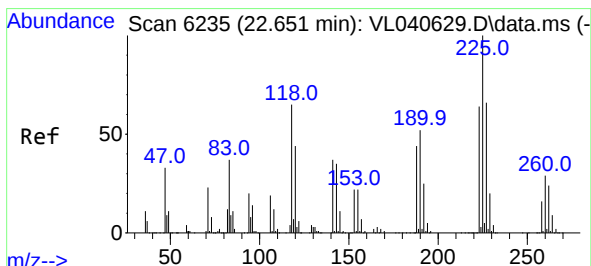
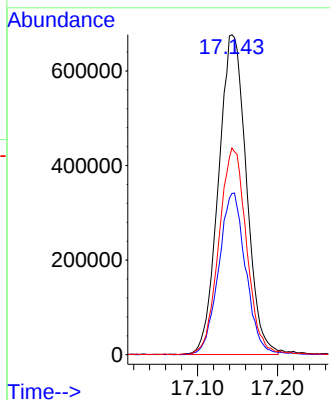
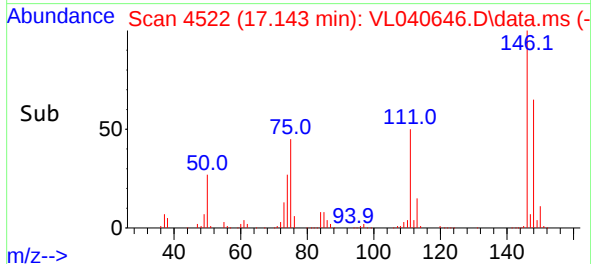
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



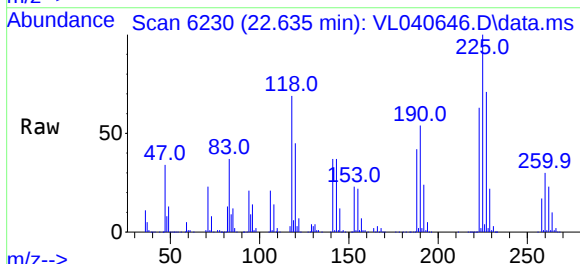
Tgt Ion:146 Resp: 1633790
Ion Ratio Lower Upper
146 100
111 49.5 24.6 74.0
148 64.4 32.1 96.5

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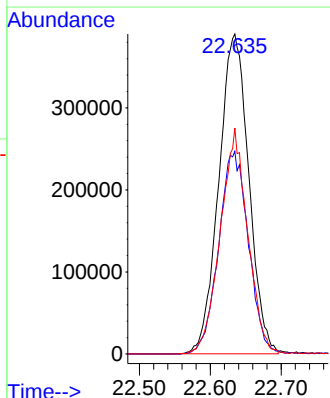
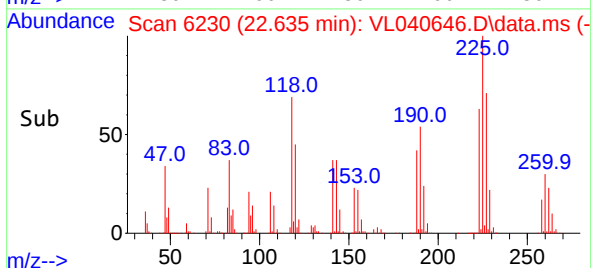
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

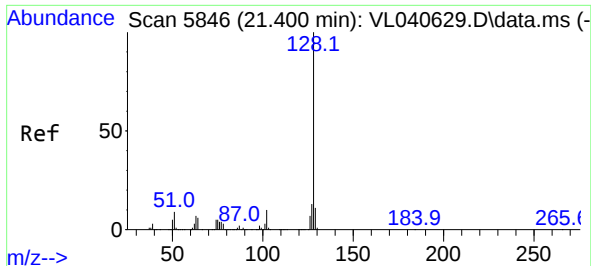


#78
Hexachloro-1,3-Butadiene
Concen: 8.872 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. -0.016 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



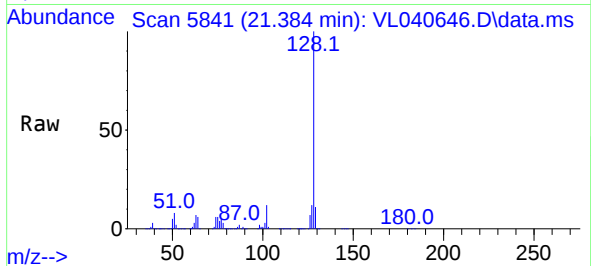
Tgt Ion:225 Resp: 1145992
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
227 64.9 51.2 76.8





#79
Naphthalene
Concen: 12.637 ppbv
RT: 21.384 min Scan# 5846
Delta R.T. -0.016 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

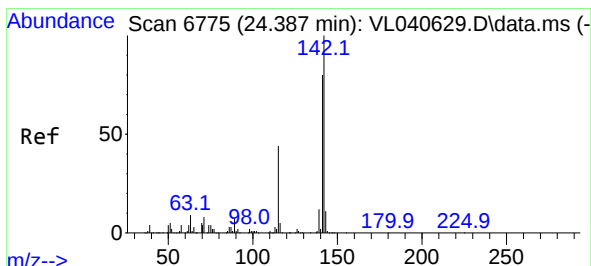
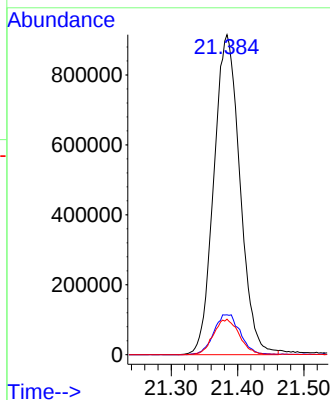
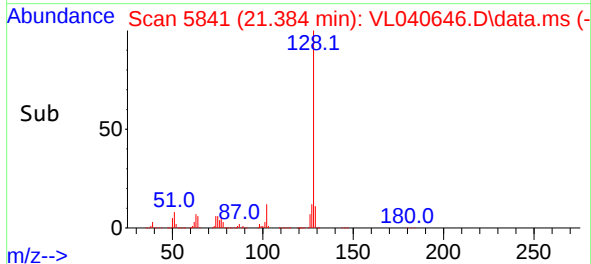
Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



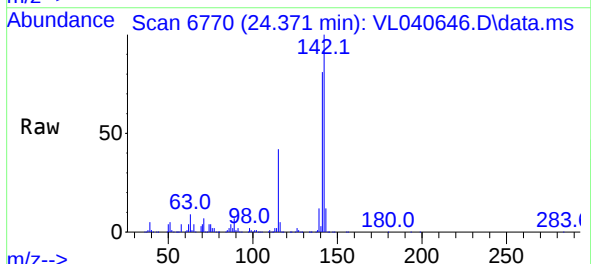
Tgt Ion:128 Resp: 2497740
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 11.1 9.2 13.8

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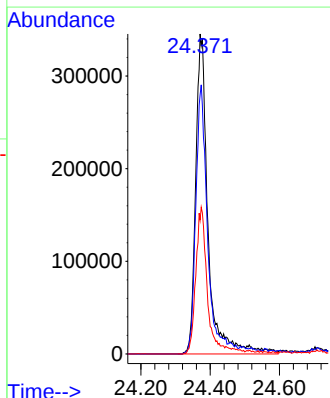
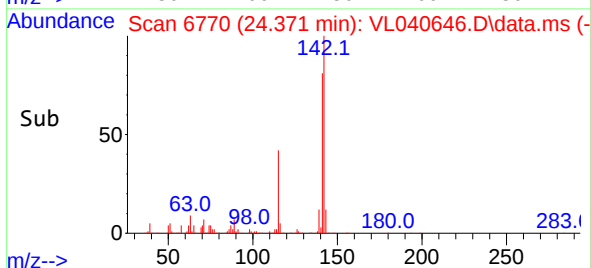
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

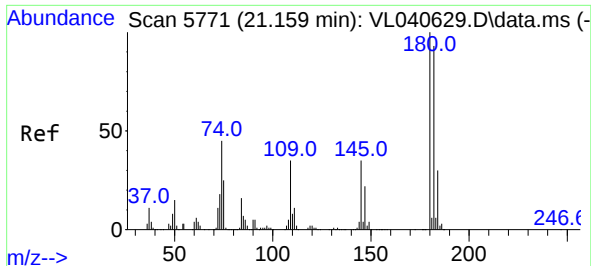


#80
Naphthalene,2-methyl-
Concen: 15.227 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. -0.016 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40



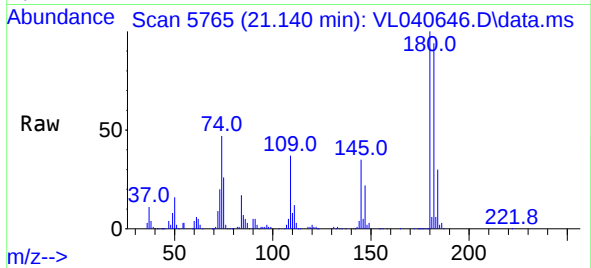
Tgt Ion:142 Resp: 866057
Ion Ratio Lower Upper
142 100
141 84.1 64.6 96.8
115 43.8 33.7 50.5





#81
1,2,4-Trichlorobenzene
Concen: 10.502 ppbv
RT: 21.140 min Scan# 51
Delta R.T. -0.020 min
Lab File: VL040646.D
Acq: 5 Sep 2023 13:40

Instrument :
MSVOA_L
ClientSampleId :
VL0905ABS01



Tgt Ion:180 Resp: 1366140
Ion Ratio Lower Upper
180 100
182 97.0 78.0 117.0
184 31.0 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

