

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
 Data File : VL040098.D
 Acq On : 16 Jan 2023 15:01
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL011623

Manual Integrations APPROVED

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

Quant Time: Jan 16 15:31:11 2023

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1235501	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	3204073	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	3206463m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 2479411 9.304 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 93.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	1927137	8.896	ppbv	99
3) Chlorodifluoromethane	2.664	51	1328993	8.968	ppbv	96
4) Chloromethane	2.803	50	850375	9.285	ppbv	98
5) Vinyl Chloride	2.912	62	730948	9.413	ppbv	100
6) Bromomethane	3.111	94	244992	8.647	ppbv	98
7) Chloroethane	3.189	64	273572	9.218	ppbv	97
8) Dichlorotetrafluoroethane	2.848	85	1743108	8.620	ppbv	97
9) Propene	2.684	41	588478	9.558	ppbv	99
10) Heptane	7.587	43	1411412	9.946	ppbv	98
11) Trichlorofluoromethane	3.558	101	1814554	8.393	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.063	101	1356031	8.343	ppbv	96
13) Ethanol	3.234	45	41644m	7.349	ppbv	
14) Bromoethene	3.359	108	526380	8.724	ppbv	96
15) Acetone	3.462	43	1269680	8.569	ppbv	99
16) 1,3-Butadiene	2.976	39	660256	9.558	ppbv	100
17) tert-Butyl alcohol	3.873	59	1278630	9.267	ppbv	99
18) 1,1-Dichloroethene	3.877	96	609402	8.630	ppbv	99
19) Isopropyl Alcohol	3.568	45	586128	8.085	ppbv	98
20) Methylene Chloride	3.928	84	540855	8.274	ppbv	94
21) Allyl Chloride	3.992	41	932759	9.804	ppbv	96
22) trans-1,2-Dichloroethene	4.443	96	629393	8.723	ppbv	90
23) Vinyl Acetate	4.626	43	427529	8.901	ppbv #	97
24) 1,1-Dichloroethane	4.565	63	1304325	8.967	ppbv	99
25) Ethyl Acetate	5.205	43	2619489	10.035	ppbv	99
26) Hexane	5.214	57	1135702	9.941	ppbv	96
27) Carbon Disulfide	4.121	76	1536683	10.383	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	1223922	9.523	ppbv	99
29) Chloroform	5.275	83	1846930	10.112	ppbv	97
30) Cyclohexane	6.610	84	937853	10.327	ppbv	97
31) cis-1,2-Dichloroethene	5.079	61	1009444	9.127	ppbv	96
32) 1,1,1-Trichloroethane	6.008	97	1820176	9.805	ppbv	99
34) 2-Butanone	4.787	43	1448154	9.555	ppbv	99
35) Carbon Tetrachloride	6.500	117	1866972	10.305	ppbv	96
36) Benzene	6.378	78	2364270	9.971	ppbv	98
37) 1,2-Dichloroethane	5.809	62	1435513	9.419	ppbv	99
38) Trichloroethene	7.301	130	1373844	10.209	ppbv	98
39) 1,2-Dichloropropane	7.079	63	914044	9.855	ppbv	96
40) 1,4-Dioxane	7.291	88	341048	9.266	ppbv	88
41) Tetrahydrofuran	5.558	42	924789	10.572	ppbv	99
42) Bromodichloromethane	7.259	83	2034192	9.885	ppbv	99
43) Methyl Methacrylate	7.481	69	953239	10.955	ppbv	98
44) 2,2,4-Trimethylpentane	7.336	57	3861260	9.792	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	912377	11.759	ppbv	99

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Manual Integrations
 APPROVED

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

Quant Time: Jan 16 15:31:11 2023

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

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

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

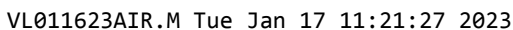
Response via : Initial Calibration

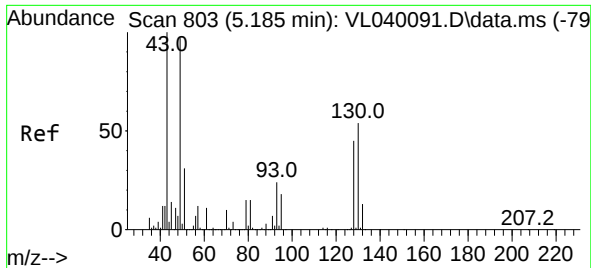
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	1242085	11.715	ppbv	97
47) 1,1,2-Trichloroethane	8.909	97	957794	9.809	ppbv	97
48) Dibromochloromethane	9.722	129	1624880	10.354	ppbv	100
49) Bromoform	12.423	173	1244757	10.296	ppbv	100
50) 4-Methyl-2-Pentanone	8.192	43	2415727	10.134	ppbv	99
51) 2-Hexanone	9.565	43	1913123	10.593	ppbv #	98
52) Tetrachloroethene	10.632	164	798601	10.296	ppbv	97
53) Toluene	9.233	91	2656335	10.504	ppbv	99
54) 1,2-Dibromoethane	10.021	107	1098963	10.750	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.523	131	1146972	9.191	ppbv	98
57) Chlorobenzene	11.542	112	1981130	9.064	ppbv	95
58) Ethyl Benzene	12.105	91	3536440	9.883	ppbv	99
59) m/p-Xylene	12.388	91	6000678m	18.651	ppbv	
60) o-Xylene	13.076	91	2852794	9.341	ppbv	99
61) Styrene	12.912	104	1674949	10.525	ppbv	98
62) Isopropylbenzene	14.043	105	3979042	9.059	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	924513	8.338	ppbv	99
64) n-propylbenzene	14.934	120	993574	9.099	ppbv	100
65) tert-Butylbenzene	16.111	119	3385449	9.002	ppbv	99
66) Benzyl Chloride	16.349	91	226889	8.828	ppbv #	96
67) sec-Butylbenzene	16.654	105	4740814	8.892	ppbv	100
69) p-Isopropyltoluene	17.014	119	3833125	9.149	ppbv	100
70) n-Butylbenzene	17.902	91	4053388	8.971	ppbv	100
71) 2-Chlorotoluene	14.818	91	3051688	9.033	ppbv	99
72) 4-Ethyltoluene	15.211	105	3184598	9.398	ppbv	99
73) 1,3,5-Trimethylbenzene	15.371	105	2800438	9.178	ppbv	100
74) 1,2,4-Trimethylbenzene	16.127	105	3009317	8.904	ppbv	98
75) 1,3-Dichlorobenzene	16.349	146	1634929	8.709	ppbv	100
76) 1,4-Dichlorobenzene	16.494	146	1593819	8.635	ppbv	100
77) 1,2-Dichlorobenzene	17.162	146	1553556	8.654	ppbv	99
78) Hexachloro-1,3-Butadiene	22.660	225	1018586	7.747	ppbv	99
79) Naphthalene	21.407	128	2435818	12.580	ppbv	98
80) Naphthalene,2-methyl-	24.394	142	699148	10.716	ppbv	97
81) 1,2,4-Trichlorobenzene	21.162	180	1230540	10.311	ppbv	99

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

Manual Integrations APPROVED

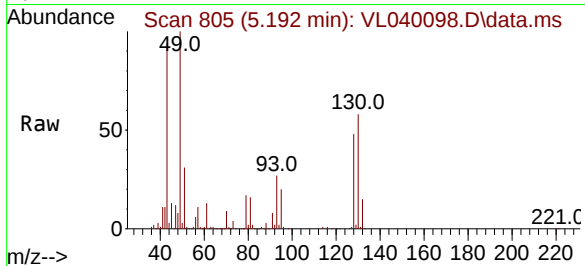
Quant Time: Jan 16 15:31:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Jan 16 14:40:47 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

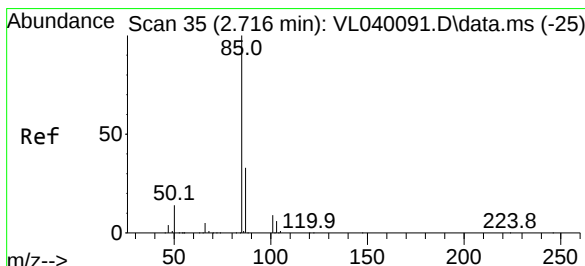
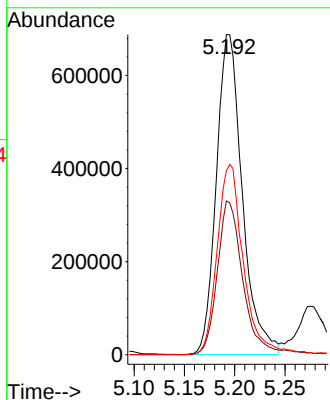
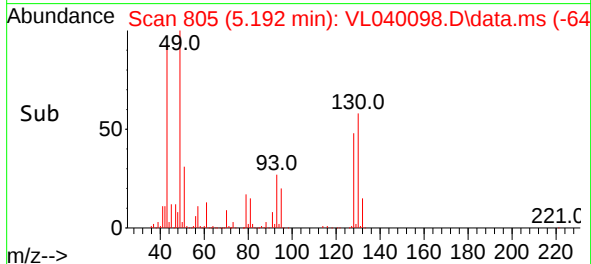
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



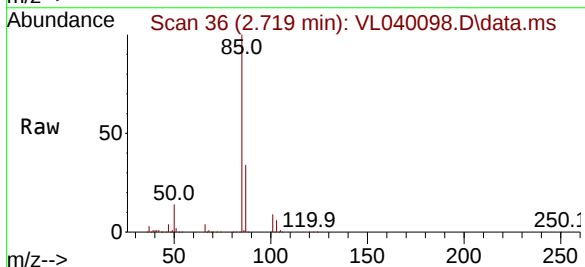
Tgt Ion: 49 Resp: 123550
Ion Ratio Lower Upper
49 100
128 48.5 23.6 71.0
130 61.2 29.8 89.3

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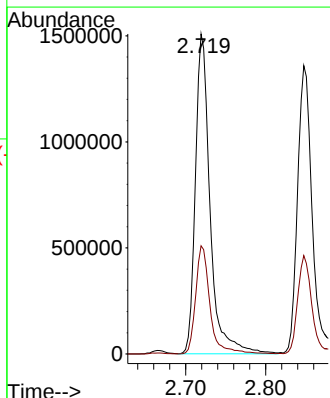
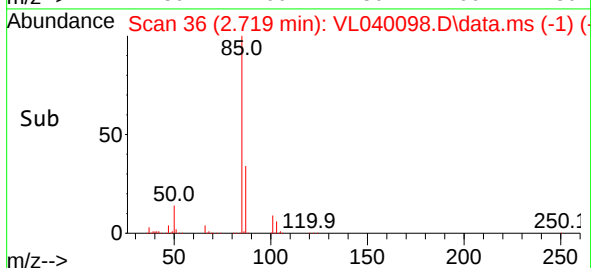
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

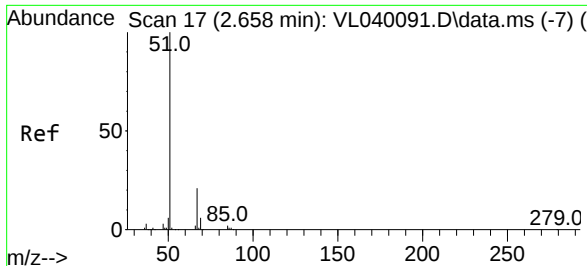


#2
Dichlorodifluoromethane
Concen: 8.896 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.003 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01



Tgt Ion: 85 Resp: 1927137
Ion Ratio Lower Upper
85 100
87 33.8 26.5 39.7





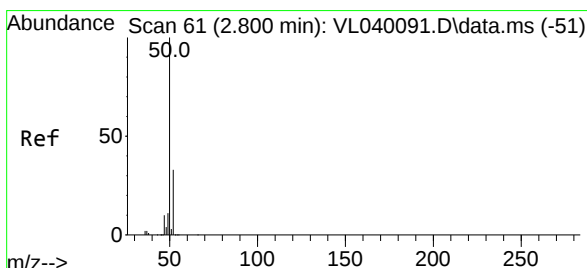
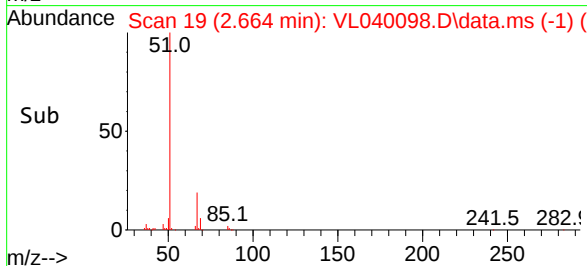
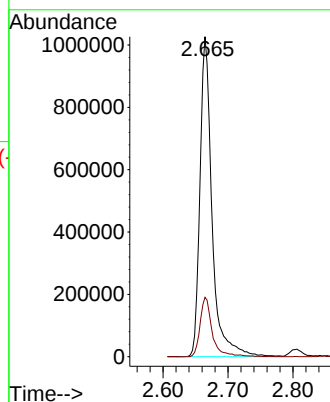
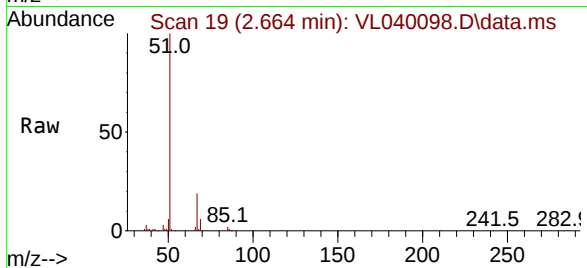
#3
Chlorodifluoromethane
Concen: 8.968 ppbv
RT: 2.664 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623

Tgt Ion: 51 Resp: 132899
Ion Ratio Lower Upper
51 100
67 18.8 16.4 24.6

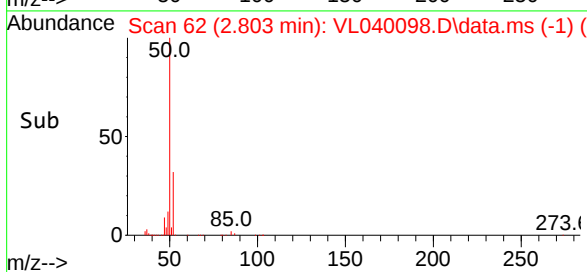
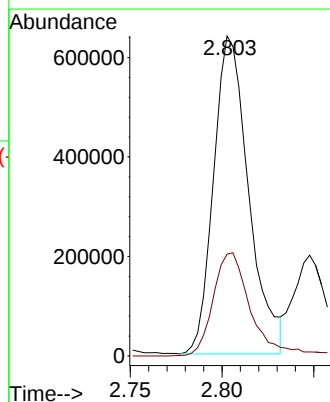
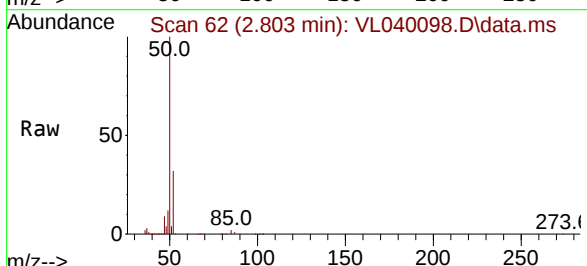
Manual Integrations
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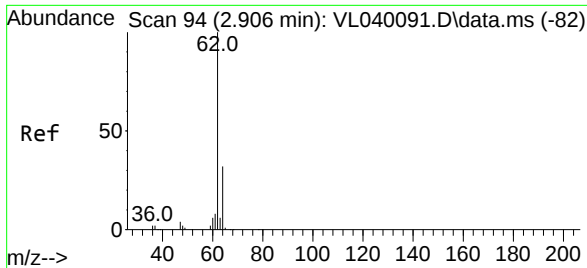
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#4
Chloromethane
Concen: 9.285 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

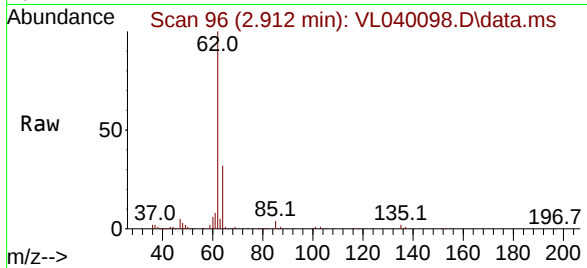
Tgt Ion: 50 Resp: 850375
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.413 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VL040098.D
 Acq: 16 Jan 2023 15:01

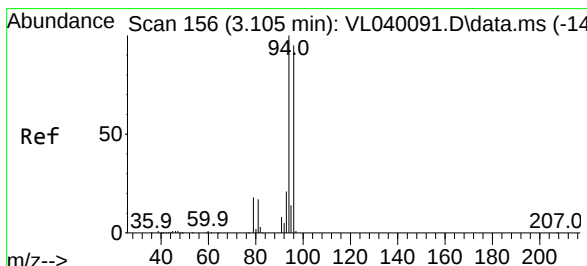
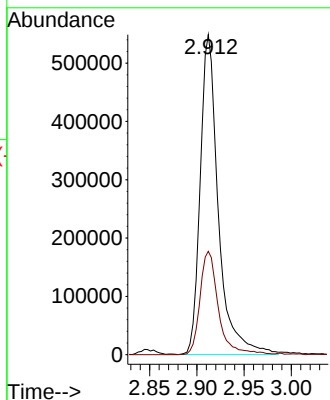
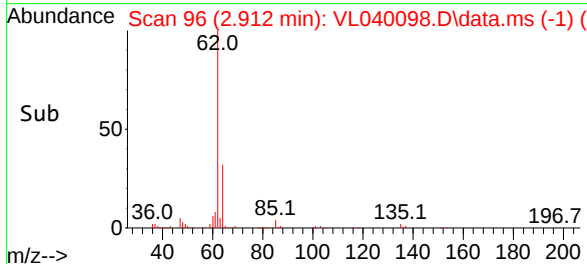
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL011623



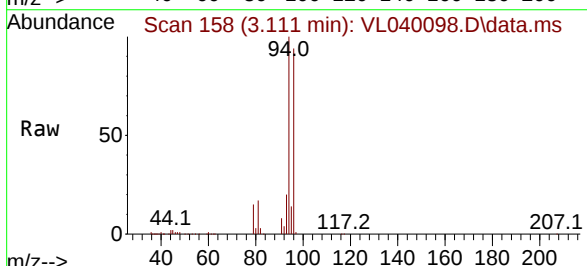
Tgt Ion: 62 Resp: 730948
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.8 38.6

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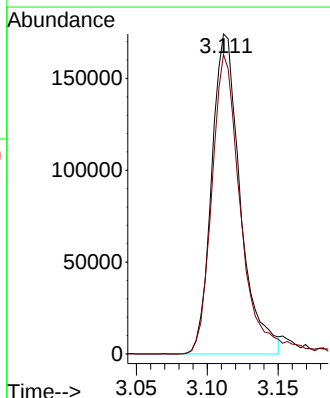
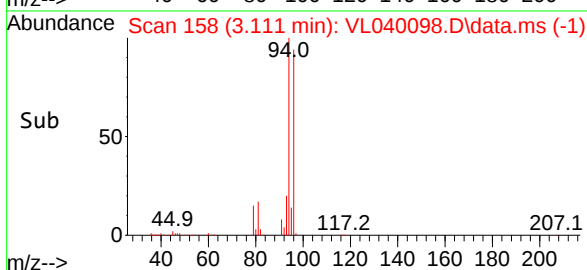
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#6
 Bromomethane
 Concen: 8.647 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. 0.006 min
 Lab File: VL040098.D
 Acq: 16 Jan 2023 15:01



Tgt Ion: 94 Resp: 244992
 Ion Ratio Lower Upper
 94 100
 96 93.6 76.2 114.2





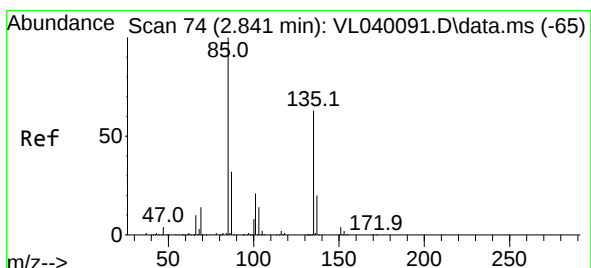
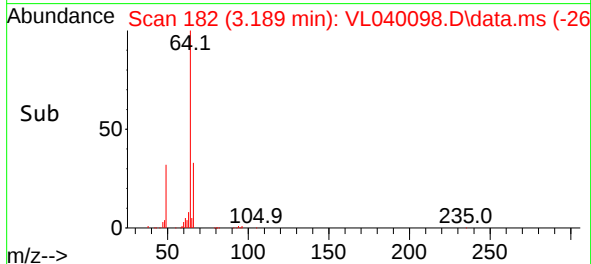
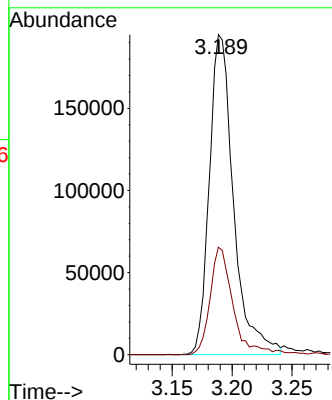
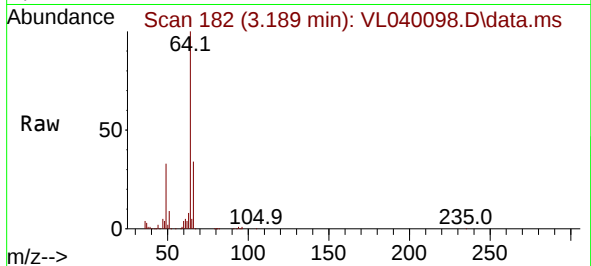
#7
Chloroethane
Concen: 9.218 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623

Tgt Ion: 64 Resp: 273572
Ion Ratio Lower Upper
64 100
66 33.6 25.6 38.4

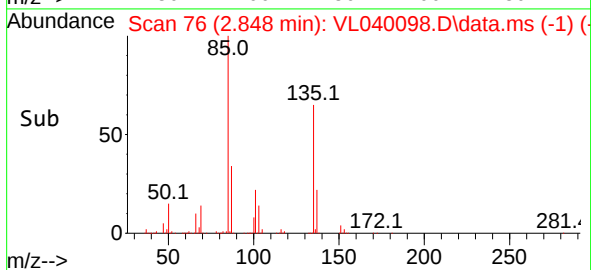
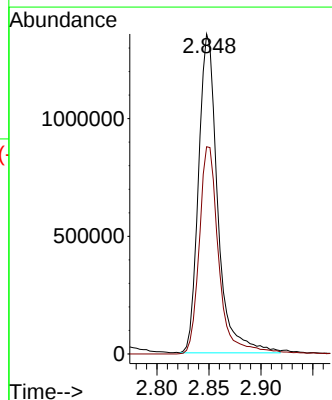
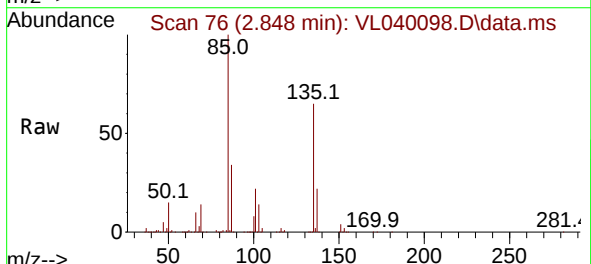
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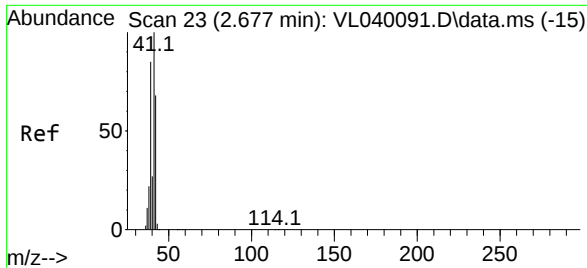
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#8
Dichlorotetrafluoroethane
Concen: 8.620 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Tgt Ion: 85 Resp: 1743108
Ion Ratio Lower Upper
85 100
135 66.9 51.4 77.2





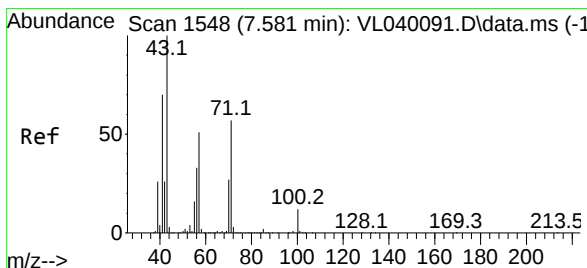
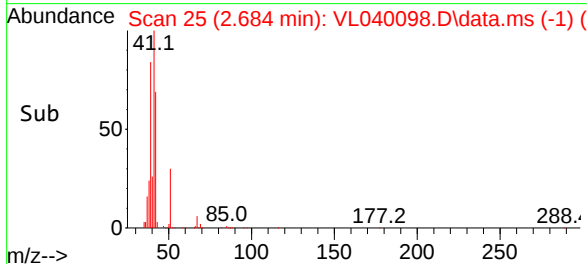
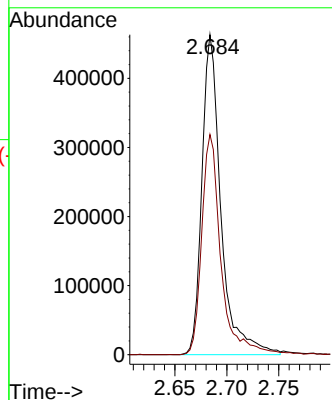
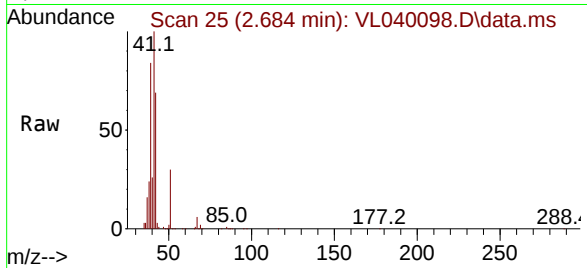
#9
 Propene
 Concen: 9.558 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VL040098.D
 Acq: 16 Jan 2023 15:01

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL011623

Tgt Ion: 41 Resp: 588478
 Ion Ratio Lower Upper
 41 100
 42 70.0 55.6 83.4

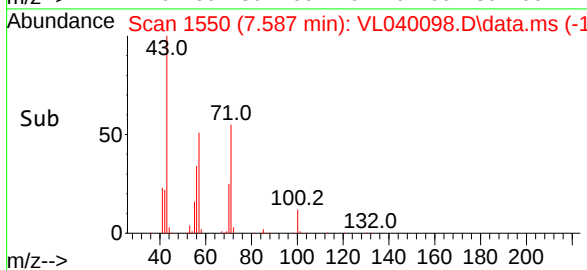
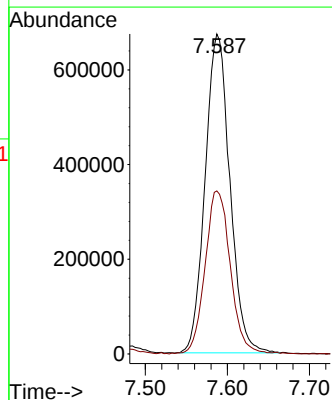
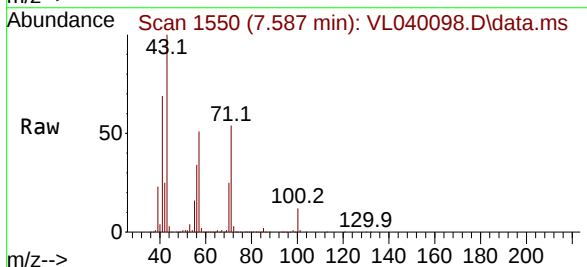
Manual Integrations
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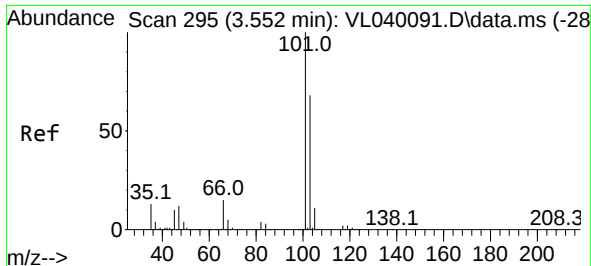
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#10
 Heptane
 Concen: 9.946 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.006 min
 Lab File: VL040098.D
 Acq: 16 Jan 2023 15:01

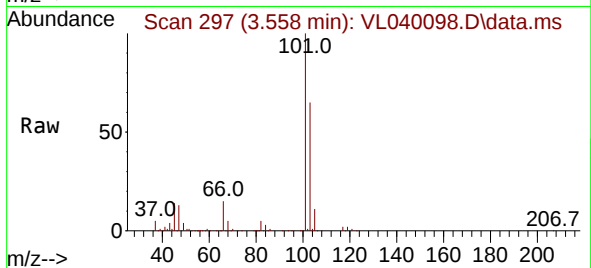
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 Ion Ratio Lower Upper
 43 100
 57 52.3 40.9 61.3





#11
Trichlorofluoromethane
Concen: 8.393 ppbv
RT: 3.558 min Scan# 295
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

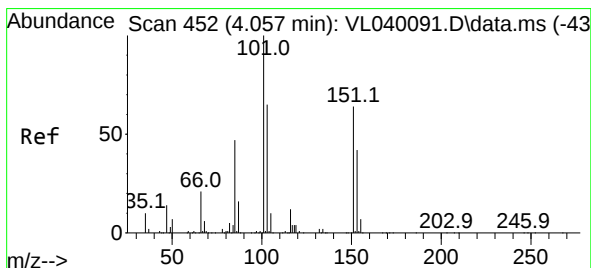
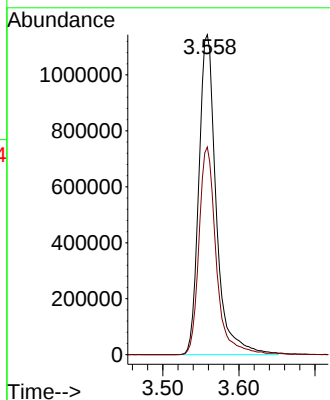
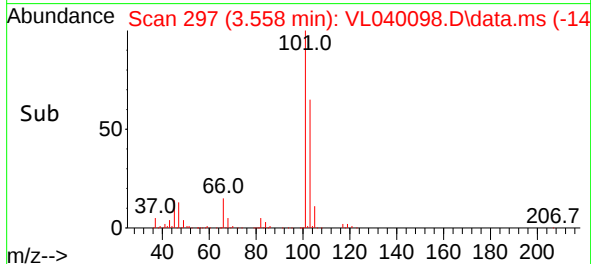
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



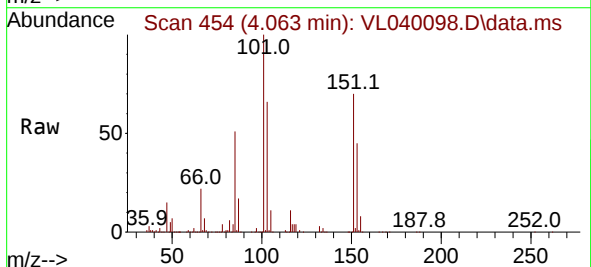
Tgt Ion:101 Resp: 1814554
Ion Ratio Lower Upper
101 100
103 64.9 54.0 81.0

Manual Integrations
APPROVED

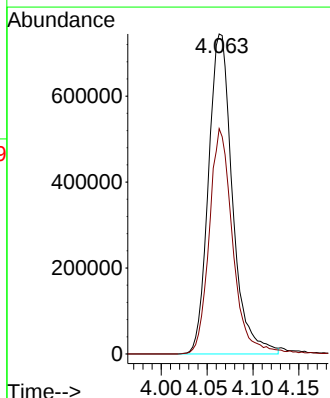
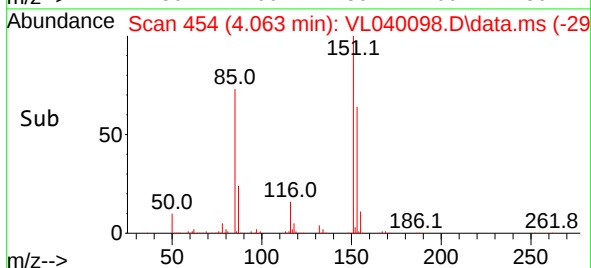
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

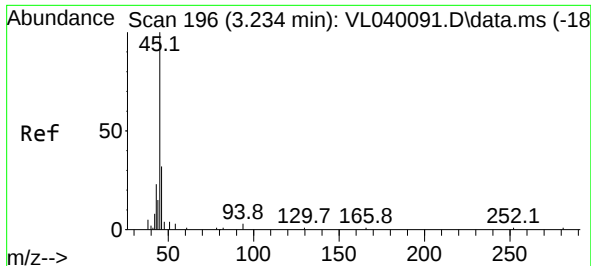


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.343 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01



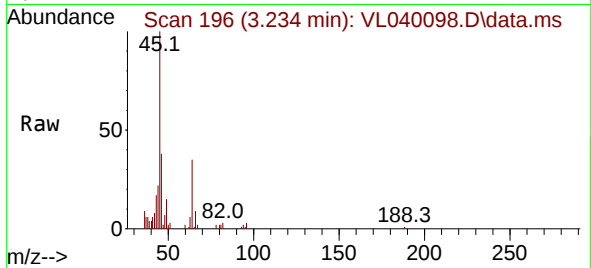
Tgt Ion:101 Resp: 1356031
Ion Ratio Lower Upper
101 100
151 69.4 53.2 79.8





#13
Ethanol
Concen: 7.349 ppbv m
RT: 3.234 min Scan# 196
Delta R.T. -0.000 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

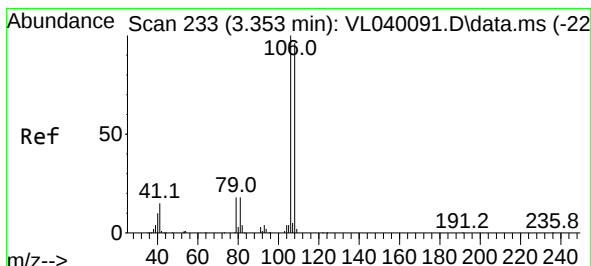
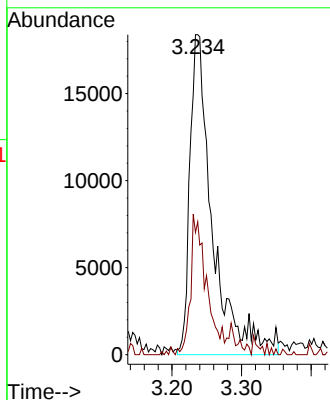
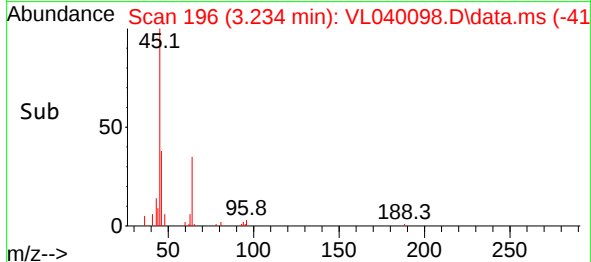
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



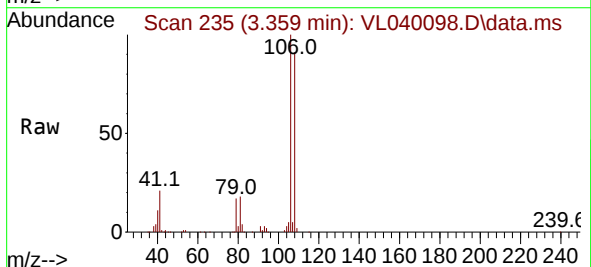
Tgt Ion: 45 Resp: 41644
Ion Ratio Lower Upper
45 100
46 37.2 14.8 59.2

Manual Integrations
APPROVED

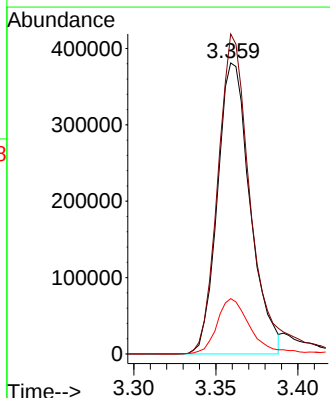
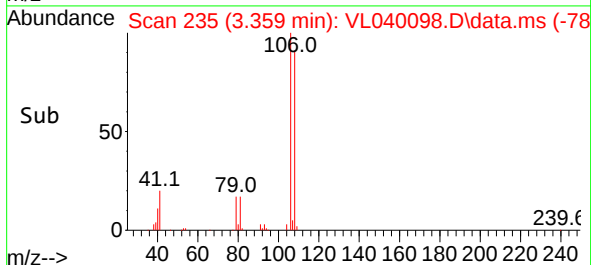
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

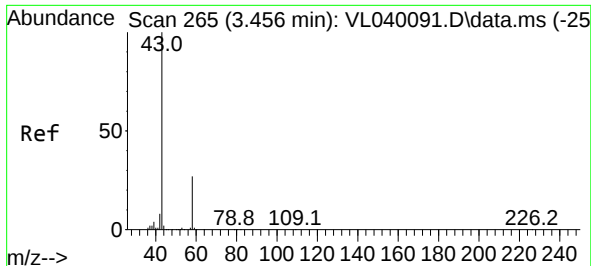


#14
Bromoethene
Concen: 8.724 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01



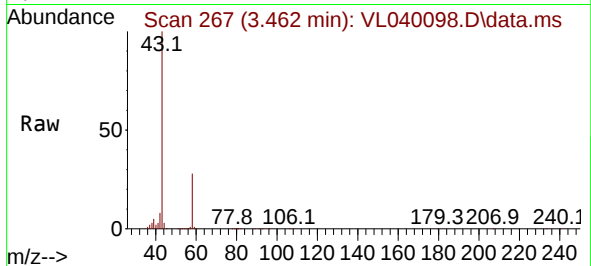
Tgt Ion:108 Resp: 526380
Ion Ratio Lower Upper
108 100
106 114.4 87.0 130.6
79 20.1 16.1 24.1





#15
Acetone
Concen: 8.569 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

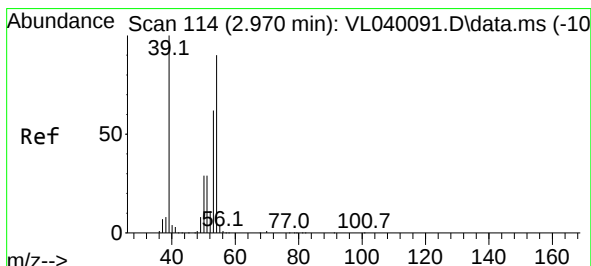
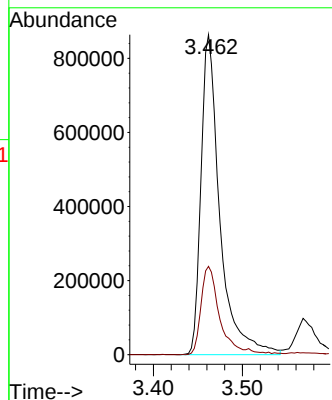
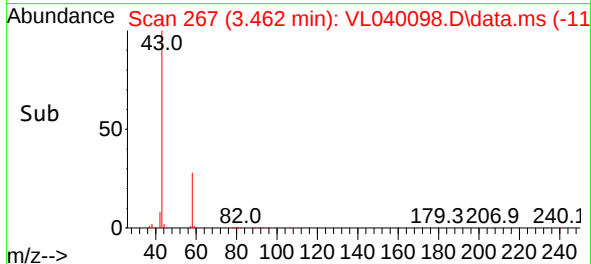
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



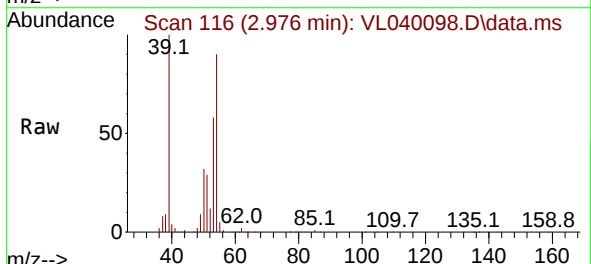
Tgt Ion: 43 Resp: 1269680
Ion Ratio Lower Upper
43 100
58 28.0 21.8 32.8

Manual Integrations
APPROVED

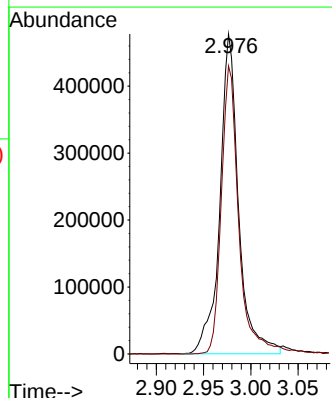
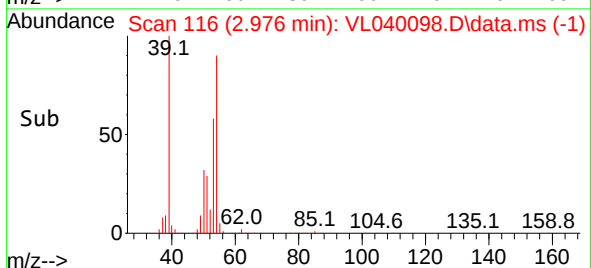
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

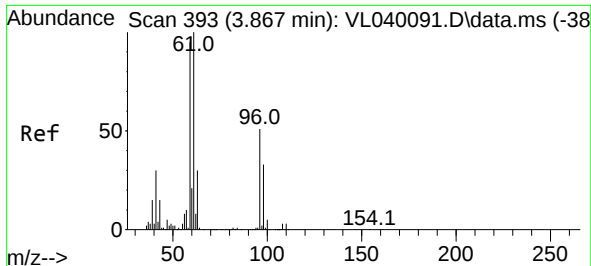


#16
1,3-Butadiene
Concen: 9.558 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01



Tgt Ion: 39 Resp: 660256
Ion Ratio Lower Upper
39 100
54 85.0 67.9 101.9





#17

tert-Butyl alcohol

Concen: 9.267 ppbv

RT: 3.873 min Scan# 395

Delta R.T. 0.006 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623

Tgt Ion: 59 Resp: 1278630

Ion Ratio Lower Upper

59 100

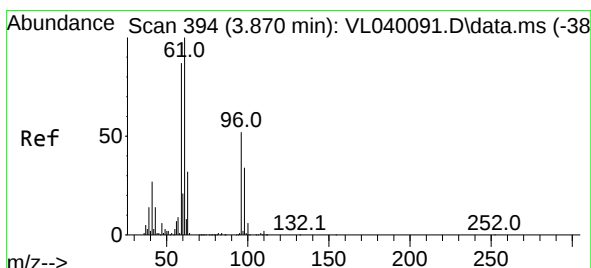
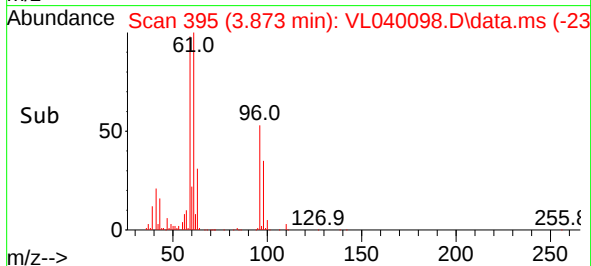
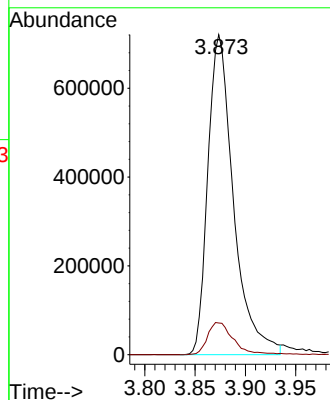
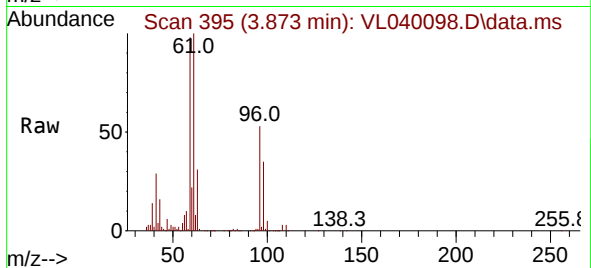
57 10.3 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#18

1,1-Dichloroethene

Concen: 8.630 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.006 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

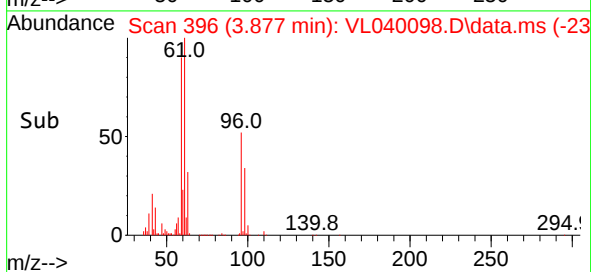
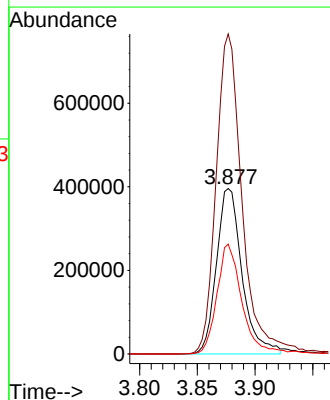
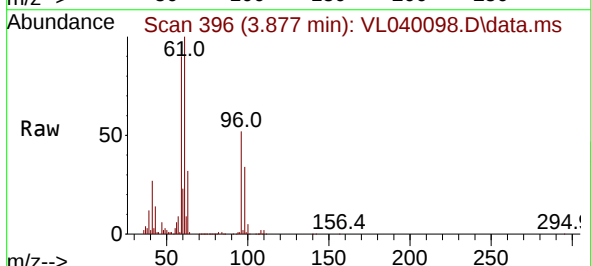
Tgt Ion: 96 Resp: 609402

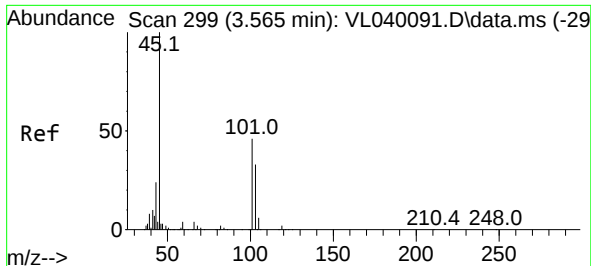
Ion Ratio Lower Upper

96 100

61 193.5 153.0 229.4

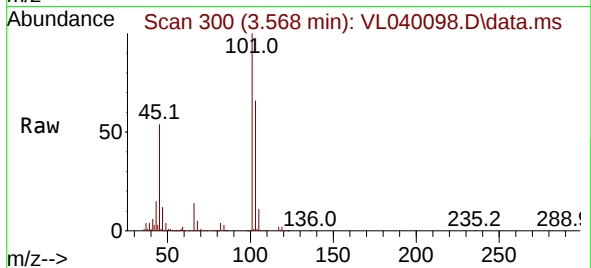
98 66.3 52.7 79.1





#19
Isopropyl Alcohol
Concen: 8.085 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.003 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

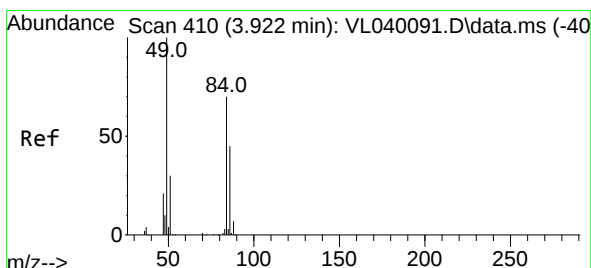
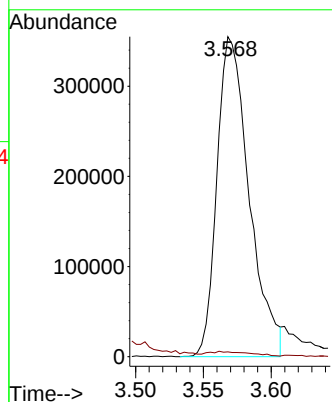
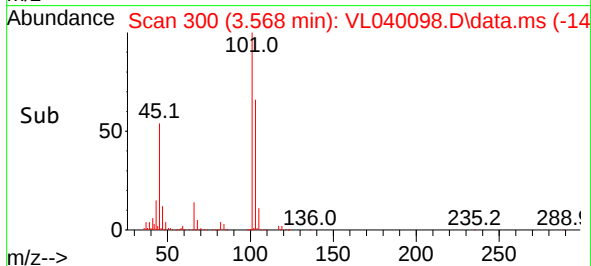
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



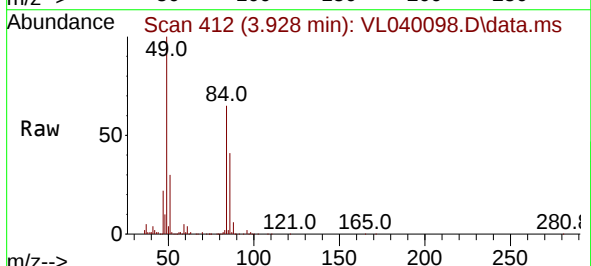
Tgt Ion: 45 Resp: 586128
Ion Ratio Lower Upper
45 100
58 2.7 2.6 4.0

Manual Integrations
APPROVED

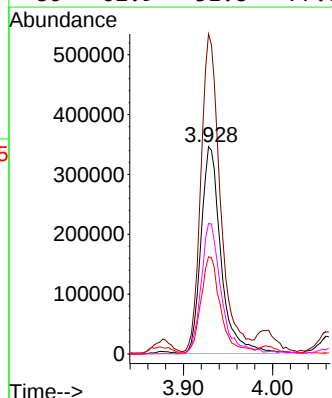
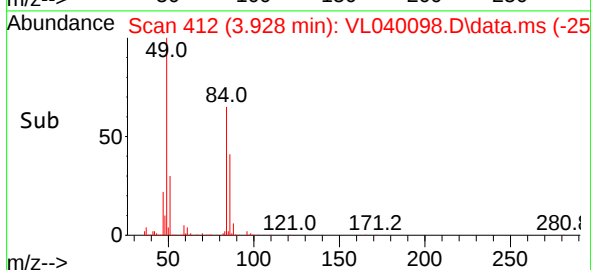
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

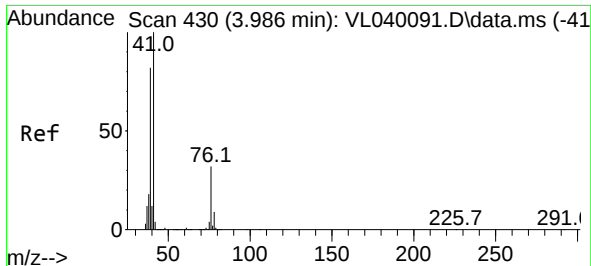


#20
Methylene Chloride
Concen: 8.274 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01



Tgt Ion: 84 Resp: 540855
Ion Ratio Lower Upper
84 100
49 153.4 114.6 171.8
51 46.2 34.3 51.5
86 62.9 51.8 77.8





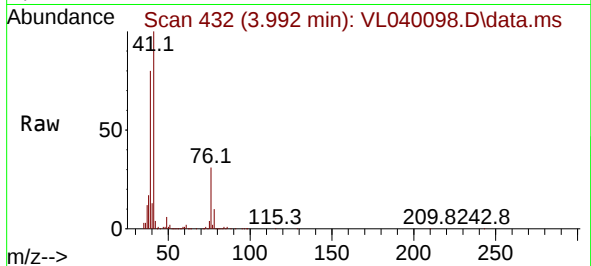
#21
 Allyl Chloride
 Concen: 9.804 ppbv
 RT: 3.992 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040098.D
 Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623

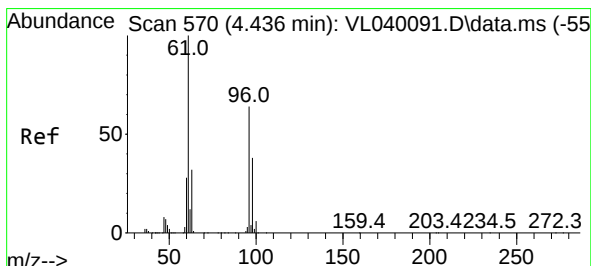
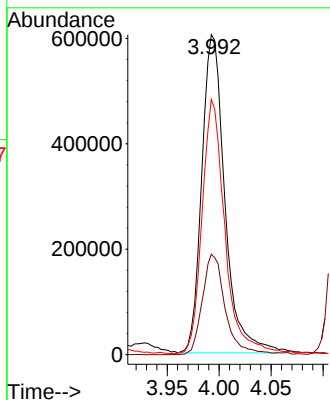
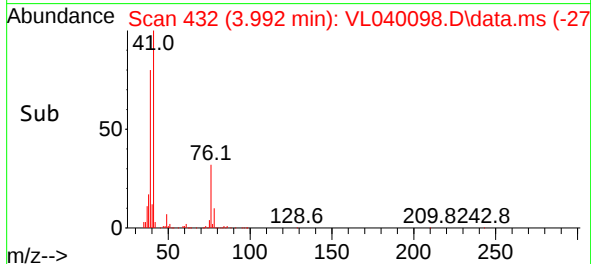


Tgt Ion: 41 Resp: 932759
 Ion Ratio Lower Upper
 41 100
 76 31.5 25.9 38.9
 39 79.2 66.8 100.2

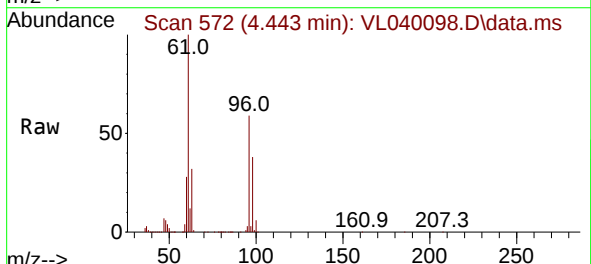
Manual Integrations

APPROVED

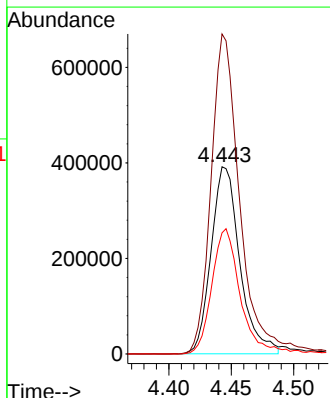
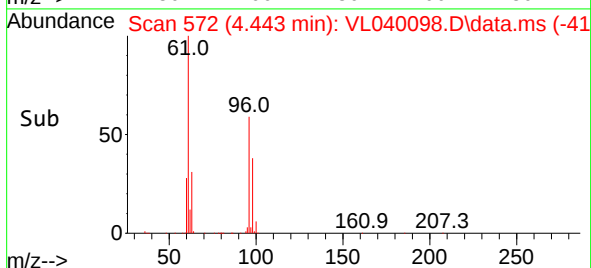
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

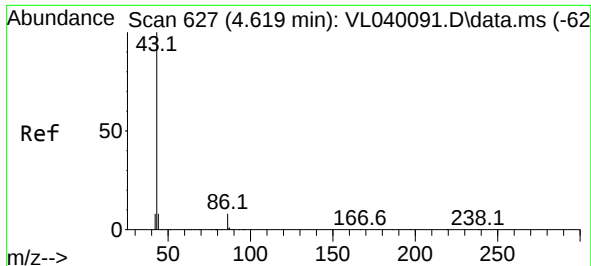


#22
 trans-1,2-Dichloroethene
 Concen: 8.723 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.006 min
 Lab File: VL040098.D
 Acq: 16 Jan 2023 15:01



Tgt Ion: 96 Resp: 629393
 Ion Ratio Lower Upper
 96 100
 61 171.0 125.8 188.8
 98 64.7 47.4 71.2





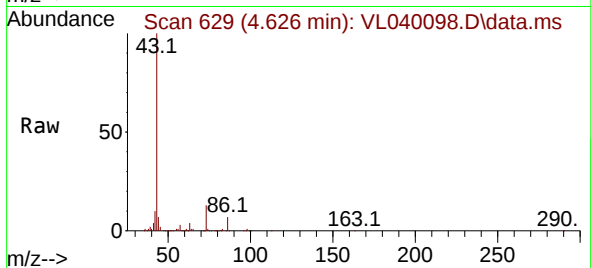
#23
 Vinyl Acetate
 Concen: 8.901 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: VL040098.D
 Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623

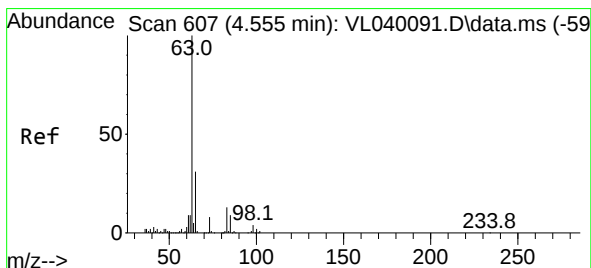
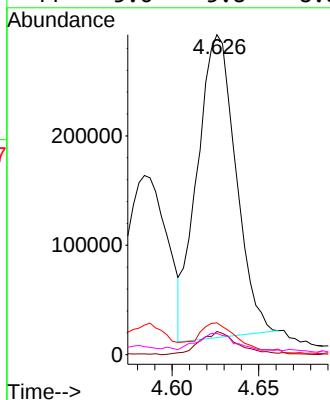
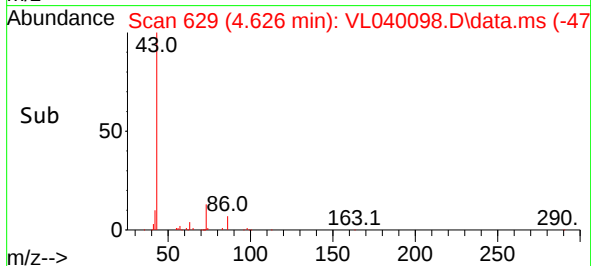


Tgt Ion: 43 Resp: 427529
 Ion Ratio Lower Upper
 43 100
 86 7.4 5.6 8.4
 42 8.9 7.7 11.5
 44 5.6 5.8 8.8#

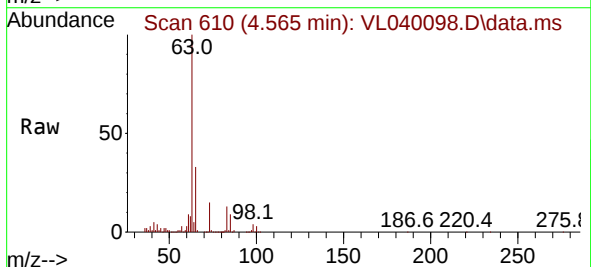
Manual Integrations

APPROVED

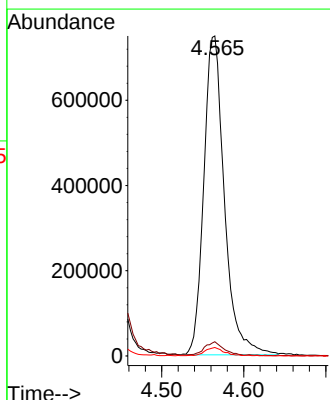
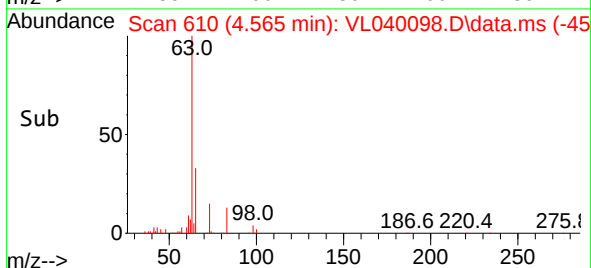
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

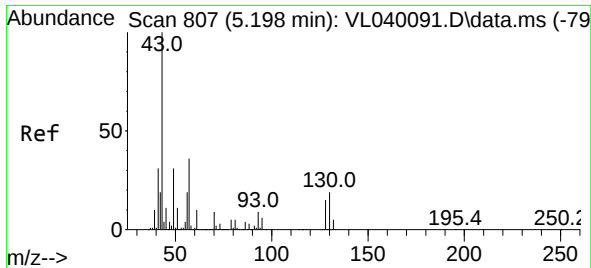


#24
 1,1-Dichloroethane
 Concen: 8.967 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.010 min
 Lab File: VL040098.D
 Acq: 16 Jan 2023 15:01



Tgt Ion: 63 Resp: 1304325
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.0 5.8
 100 2.6 1.1 3.5





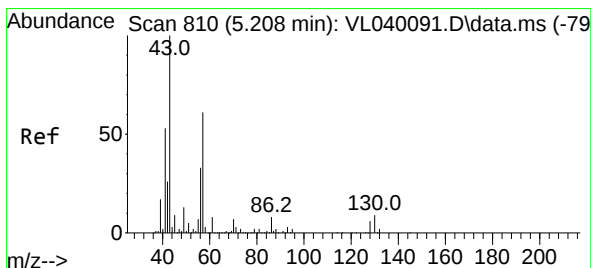
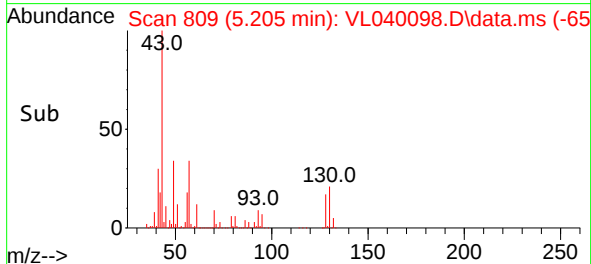
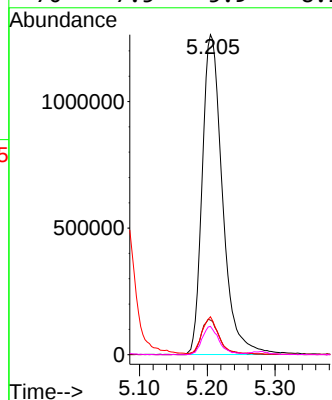
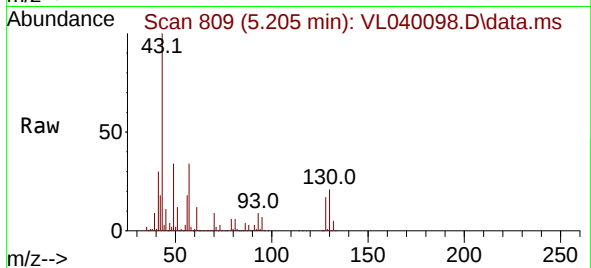
#25
Ethyl Acetate
Concen: 10.035 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Instrument :
MSVOA_L
Client Sample Id :
ICVVL011623

Tgt Ion: 43 Resp: 2619489
Ion Ratio Lower Upper
43 100
45 10.2 8.5 12.7
61 10.2 8.4 12.6
70 7.5 5.9 8.9

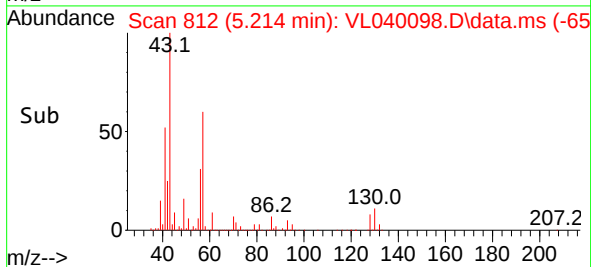
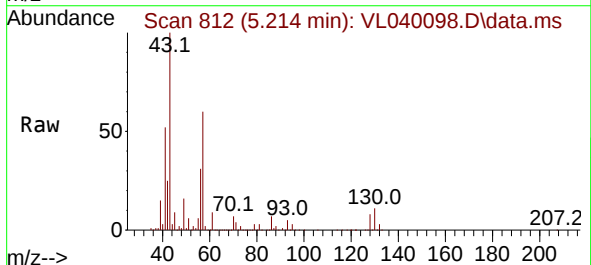
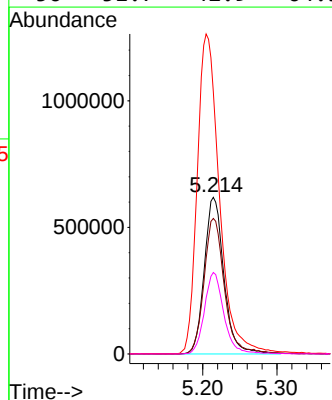
Manual Integrations
APPROVED

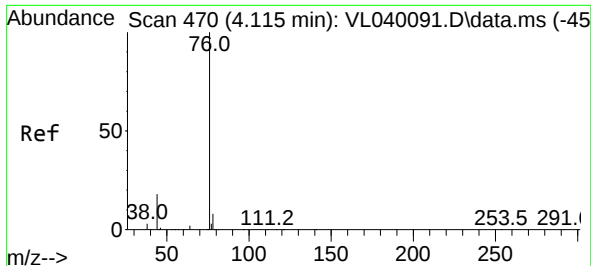
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#26
Hexane
Concen: 9.941 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

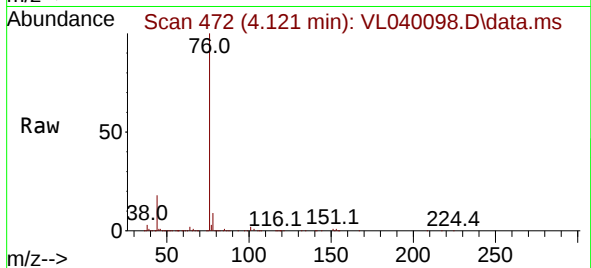
Tgt Ion: 57 Resp: 1135702
Ion Ratio Lower Upper
57 100
41 90.5 72.2 108.4
43 231.7 192.1 288.1
56 51.7 42.9 64.3





#27
Carbon Disulfide
Concen: 10.383 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

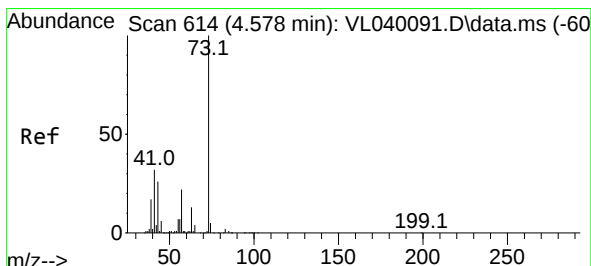
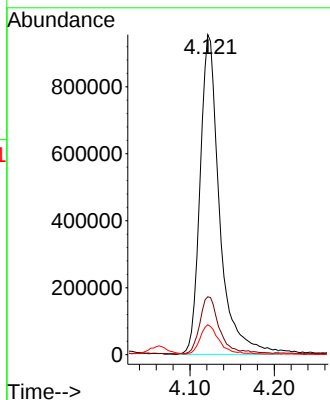
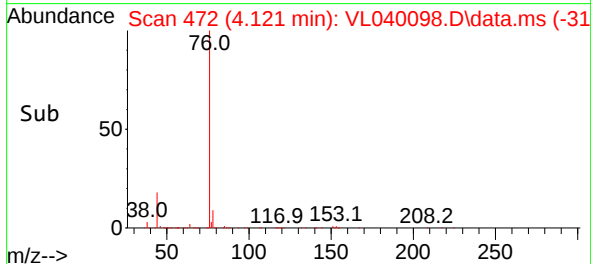
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



Tgt Ion: 76 Resp: 153668
Ion Ratio Lower Upper
76 100
44 18.1 14.9 22.3
78 9.9 8.2 12.2

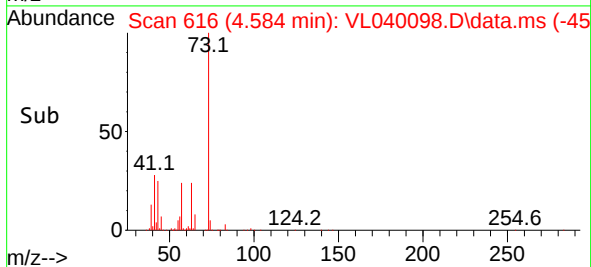
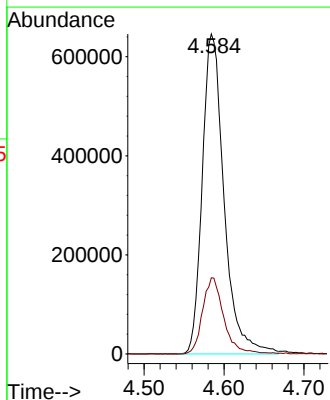
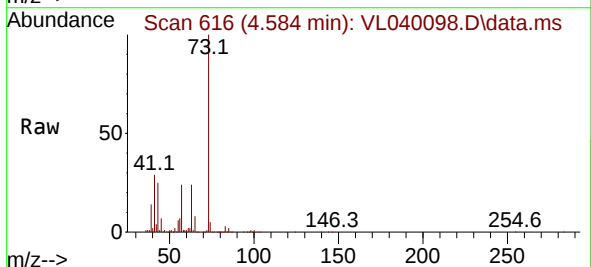
Manual Integrations
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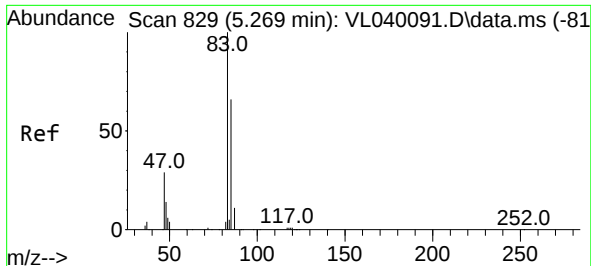
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#28
Methyl tert-Butyl Ether
Concen: 9.523 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Tgt Ion: 73 Resp: 1223922
Ion Ratio Lower Upper
73 100
57 23.3 18.3 27.5





#29

Chloroform

Concen: 10.112 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623

Tgt Ion: 83 Resp: 1846930

Ion Ratio Lower Upper

83 100

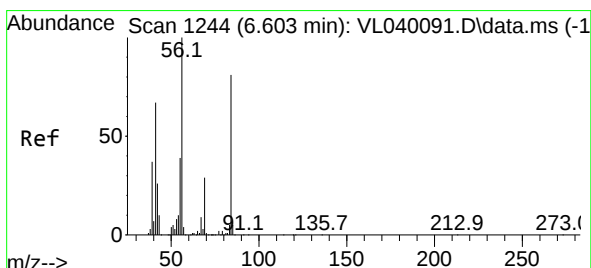
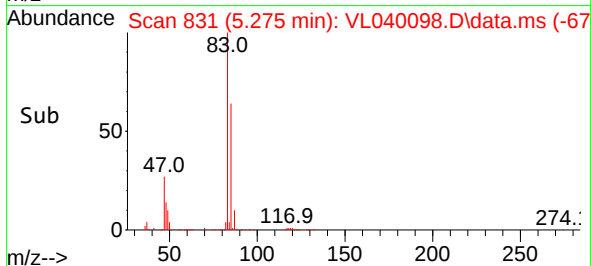
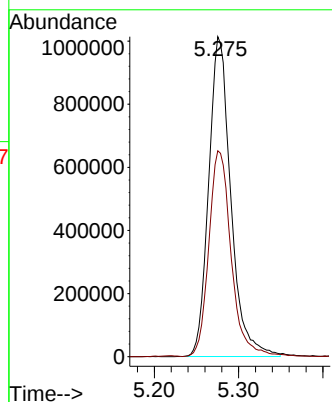
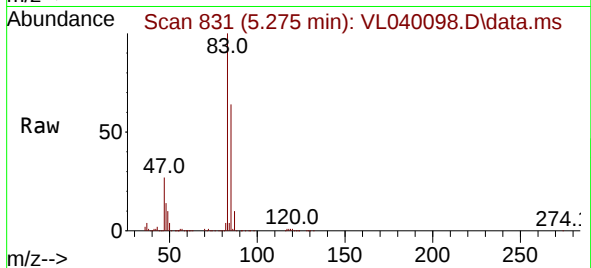
85 64.3 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#30

Cyclohexane

Concen: 10.327 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.006 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

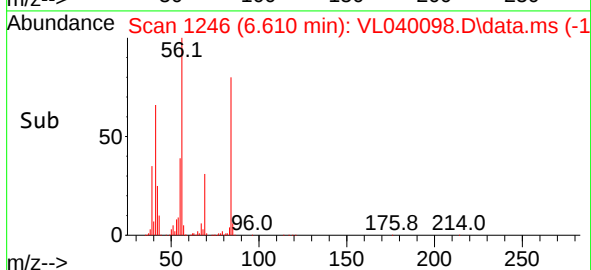
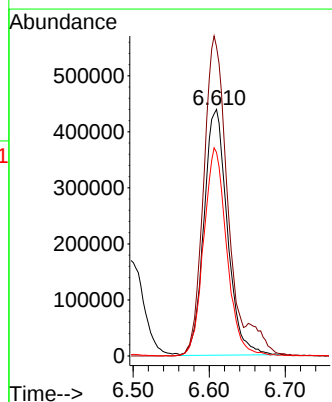
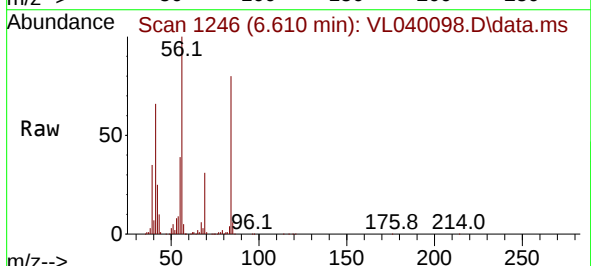
Tgt Ion: 84 Resp: 937853

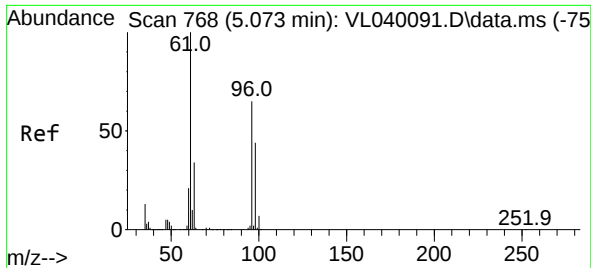
Ion Ratio Lower Upper

84 100

56 137.9 111.5 167.3

41 83.4 71.4 107.0





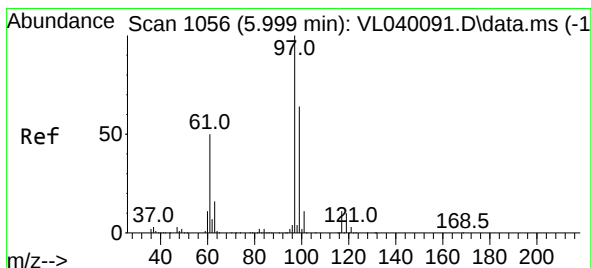
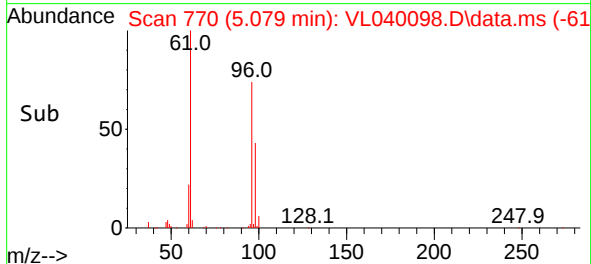
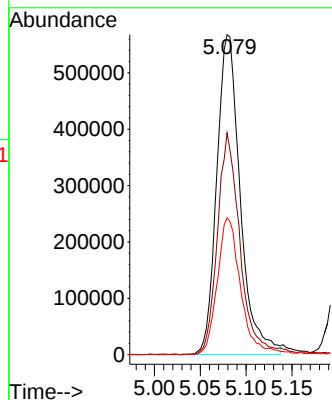
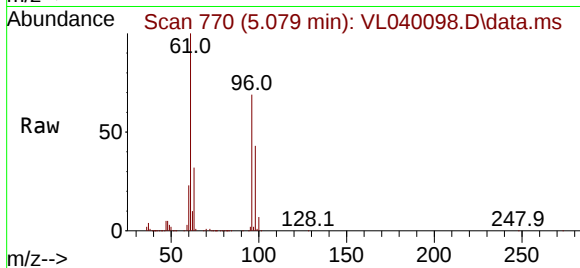
#31
 cis-1,2-Dichloroethene
 Concen: 9.127 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL040098.D
 Acq: 16 Jan 2023 15:01

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL011623

Tgt Ion: 61 Resp: 100944
 Ion Ratio Lower Upper
 61 100
 96 69.4 52.0 78.0
 98 42.8 35.3 52.9

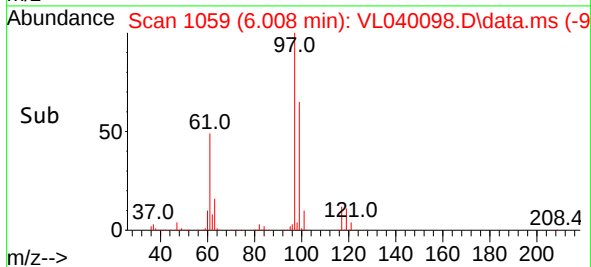
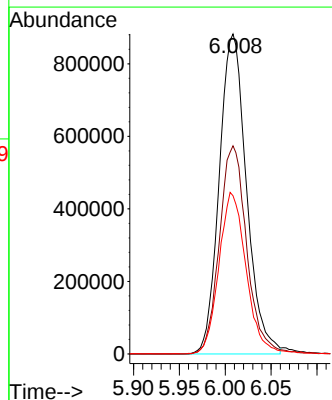
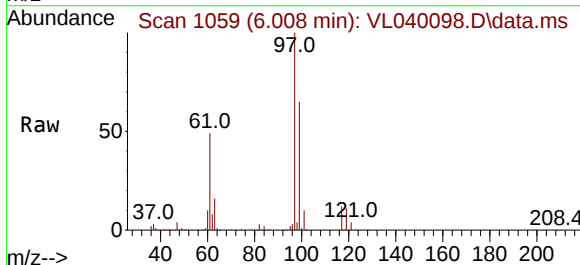
Manual Integrations
 APPROVED

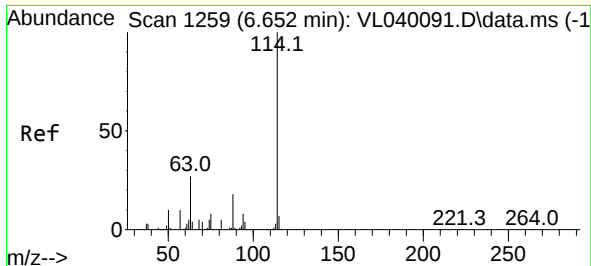
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.805 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. 0.010 min
 Lab File: VL040098.D
 Acq: 16 Jan 2023 15:01

Tgt Ion: 97 Resp: 1820176
 Ion Ratio Lower Upper
 97 100
 99 65.8 51.8 77.6
 61 50.8 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623

Tgt Ion:114 Resp: 320407

Ion Ratio Lower Upper

114 100

63 25.6 21.8 32.8

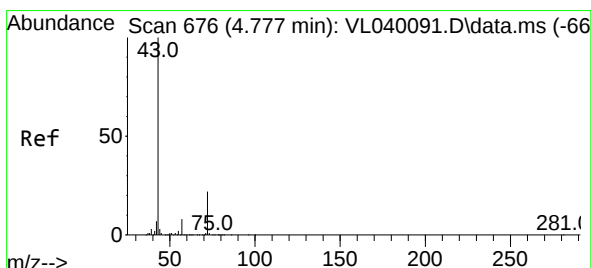
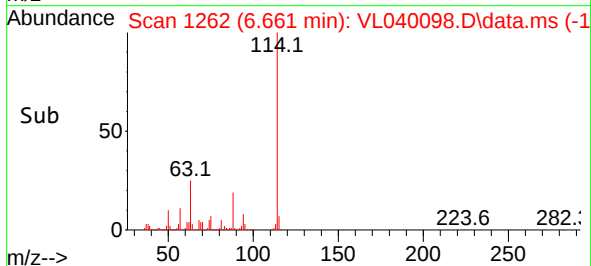
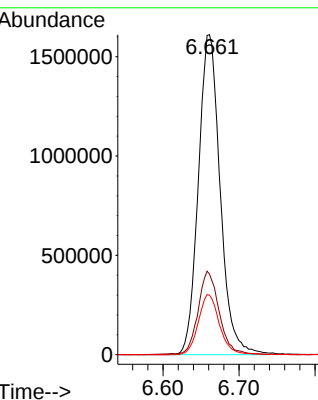
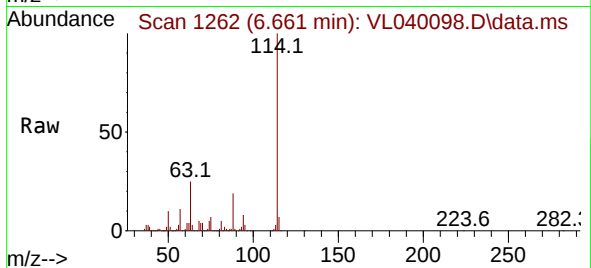
88 18.3 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#34

2-Butanone

Concen: 9.555 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.010 min

Lab File: VL040098.D

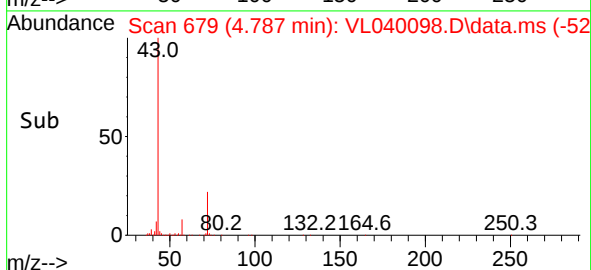
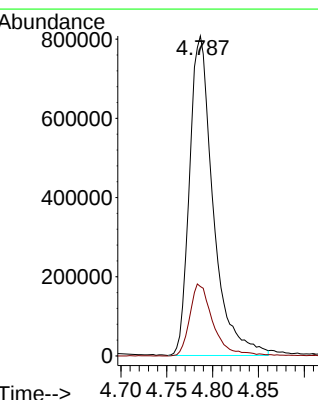
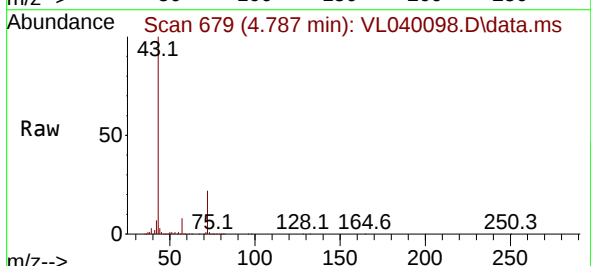
Acq: 16 Jan 2023 15:01

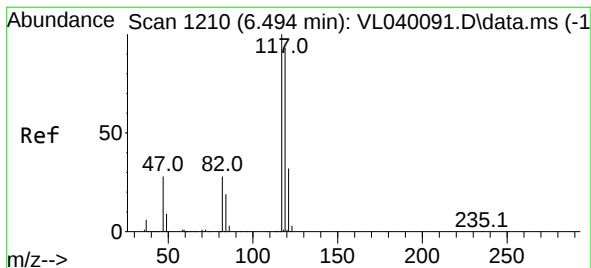
Tgt Ion: 43 Resp: 1448154

Ion Ratio Lower Upper

43 100

72 22.7 18.4 27.6





#35

Carbon Tetrachloride

Concen: 10.305 ppbv

RT: 6.500 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623

Tgt Ion:117 Resp: 186697

Ion Ratio Lower Upper

117 100

119 98.0 74.5 111.7

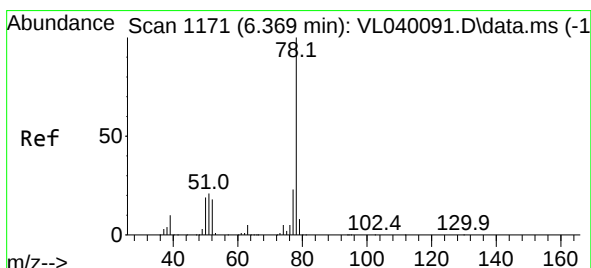
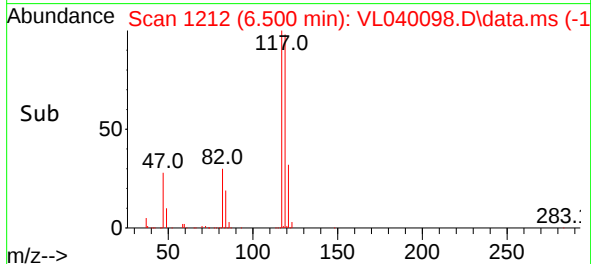
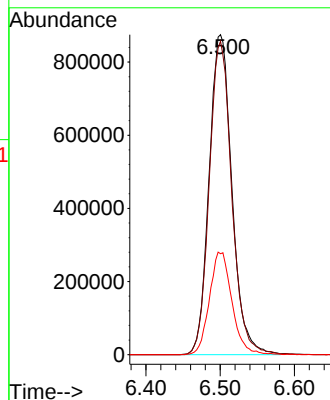
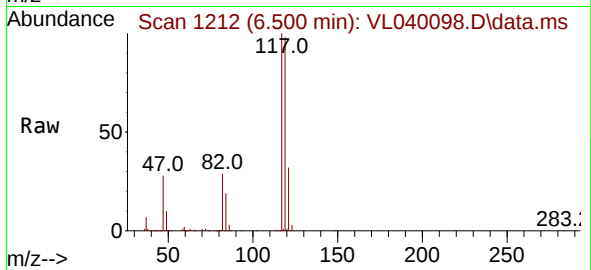
121 31.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#36

Benzene

Concen: 9.971 ppbv

RT: 6.378 min Scan# 1174

Delta R.T. 0.010 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

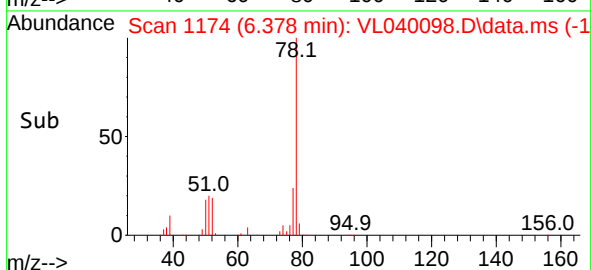
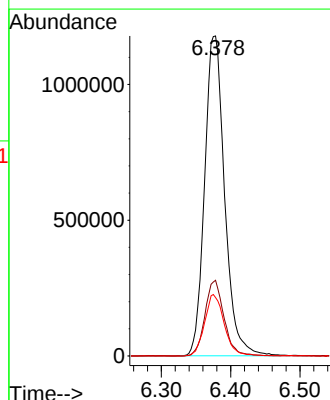
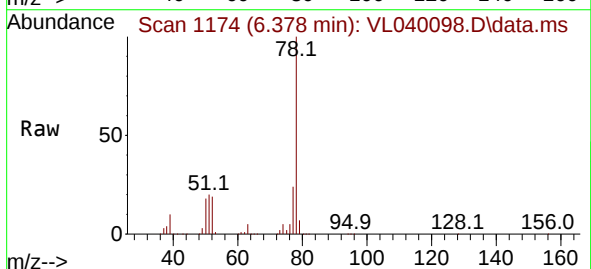
Tgt Ion: 78 Resp: 2364270

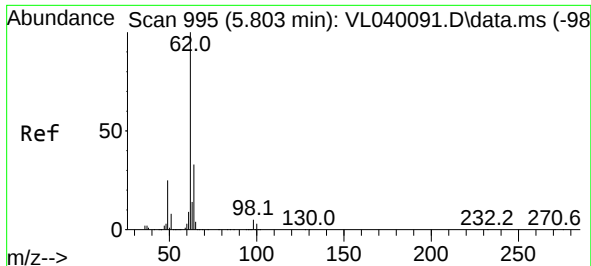
Ion Ratio Lower Upper

78 100

77 23.7 18.1 27.1

50 18.3 15.6 23.4





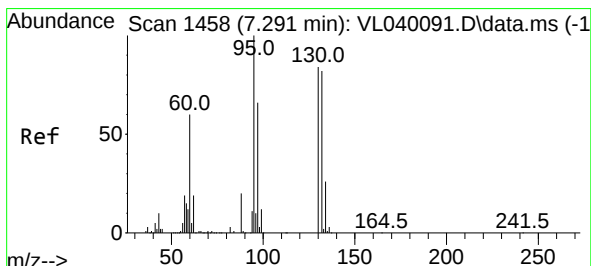
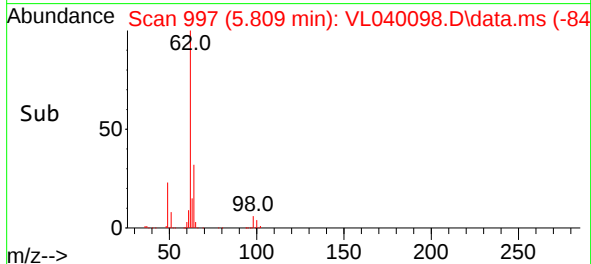
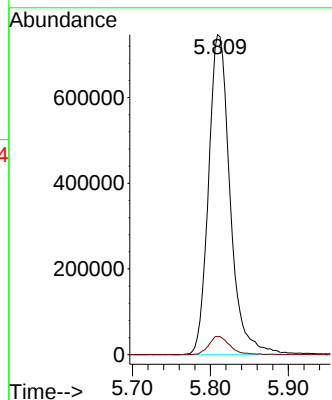
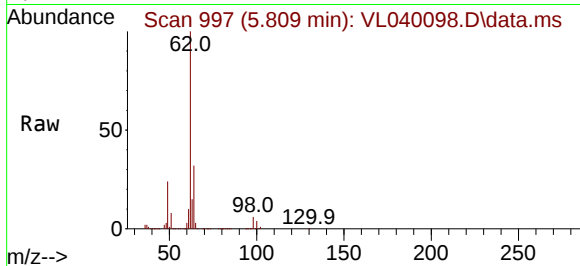
#37
1,2-Dichloroethane
Concen: 9.419 ppbv
RT: 5.809 min Scan# 995
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623

Tgt Ion: 62 Resp: 143551
Ion Ratio Lower Upper
62 100
98 5.7 4.4 6.6

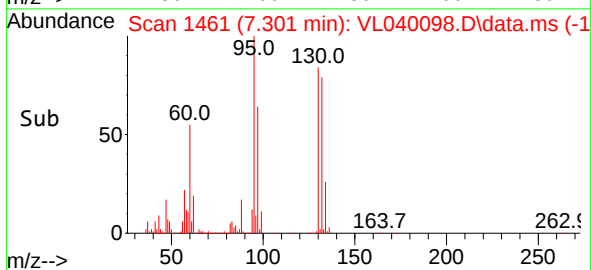
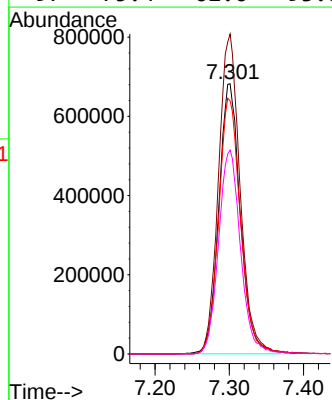
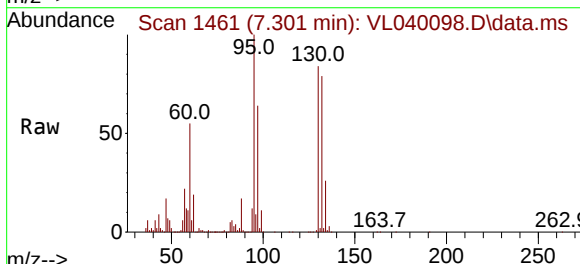
Manual Integrations
APPROVED

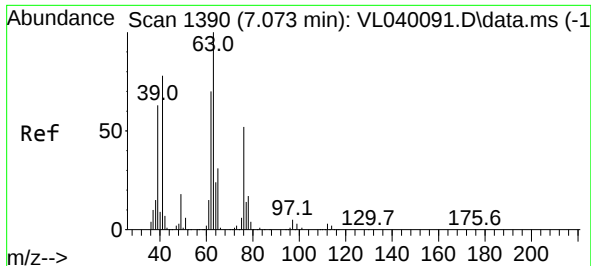
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#38
Trichloroethene
Concen: 10.209 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Tgt Ion:130 Resp: 1373844
Ion Ratio Lower Upper
130 100
95 118.4 95.0 142.6
132 93.7 77.9 116.9
97 75.4 62.6 93.8





#39

1,2-Dichloropropane

Concen: 9.855 ppbv

RT: 7.079 min Scan# 1390

Delta R.T. 0.006 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623

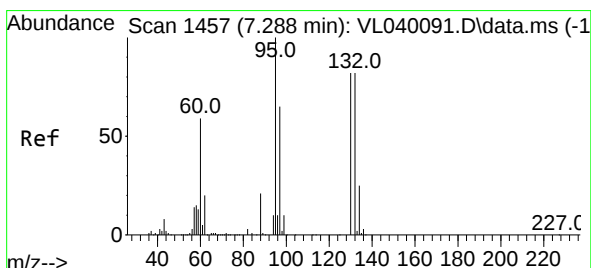
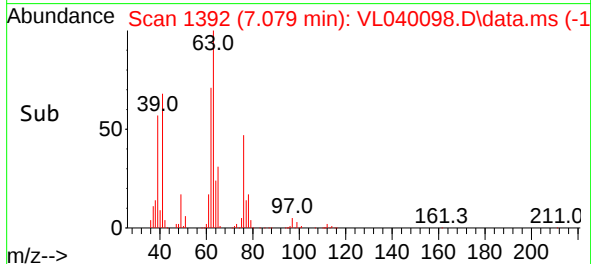
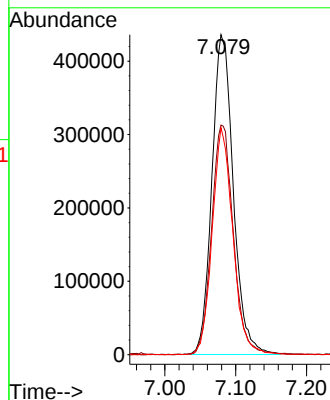
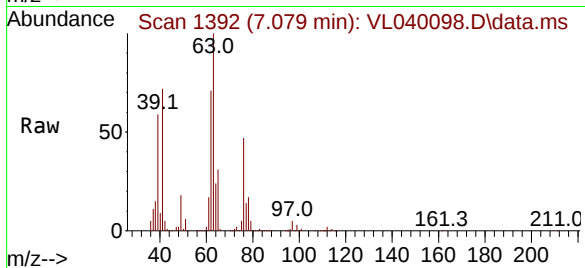
Tgt Ion: 63 Resp: 914044

Ion	Ratio	Lower	Upper
63	100		
41	71.6	62.2	93.4
62	70.9	55.8	83.8

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 9.266 ppbv

RT: 7.291 min Scan# 1458

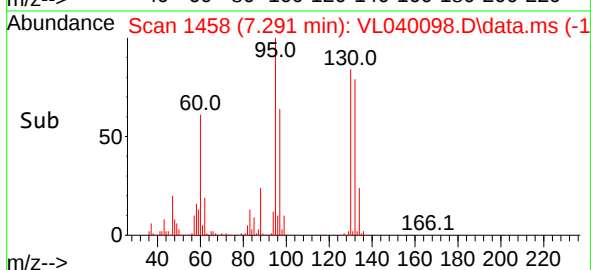
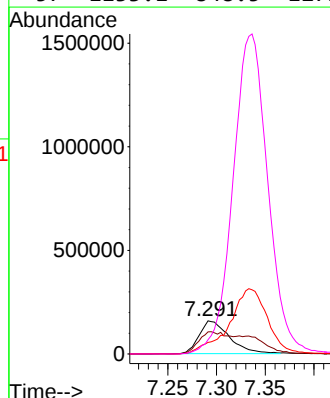
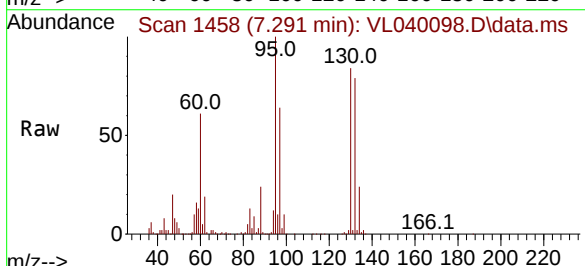
Delta R.T. 0.003 min

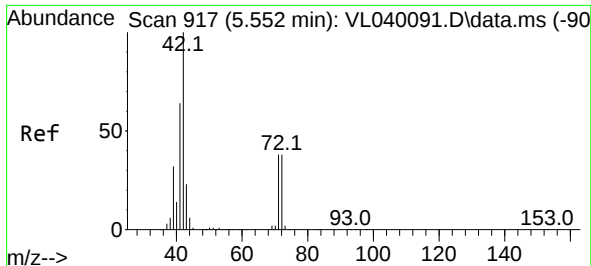
Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

Tgt Ion: 88 Resp: 341048

Ion	Ratio	Lower	Upper
88	100		
58	123.0	97.5	146.3
43	251.7	195.0	292.4
57	1133.1	848.5	1272.7





#41

Tetrahydrofuran

Concen: 10.572 ppbv

RT: 5.558 min Scan# 917

Delta R.T. 0.006 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623

Tgt Ion: 42 Resp: 924789

Ion Ratio Lower Upper

42 100

72 41.1 31.9 47.9

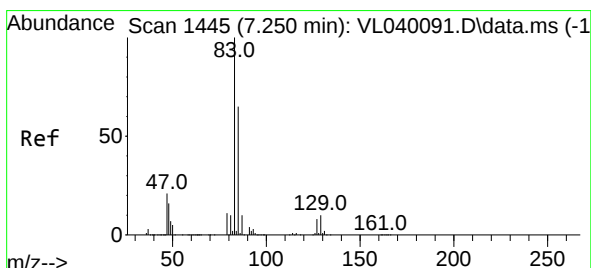
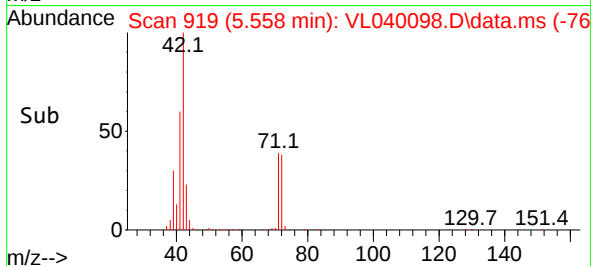
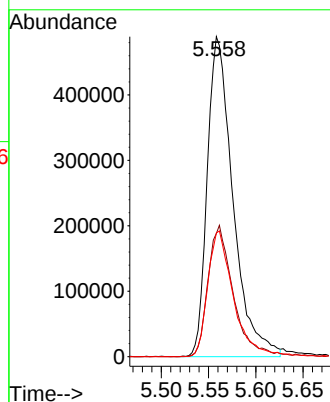
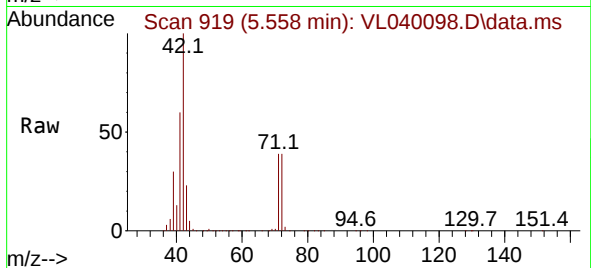
71 39.8 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#42

Bromodichloromethane

Concen: 9.885 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. 0.010 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

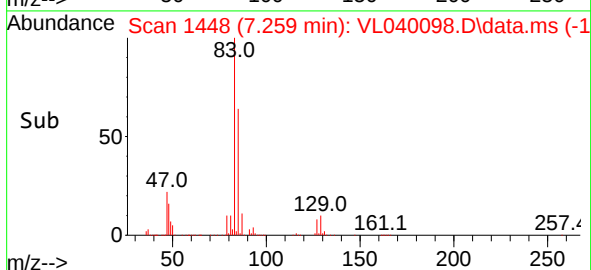
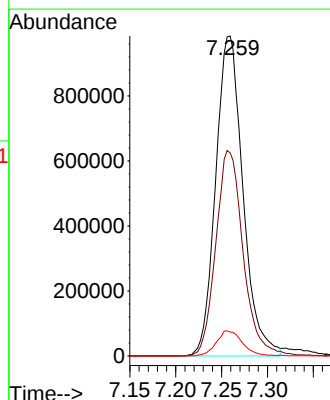
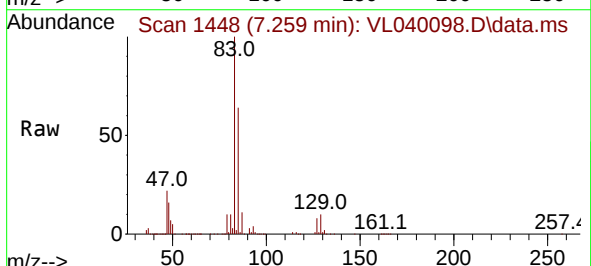
Tgt Ion: 83 Resp: 2034192

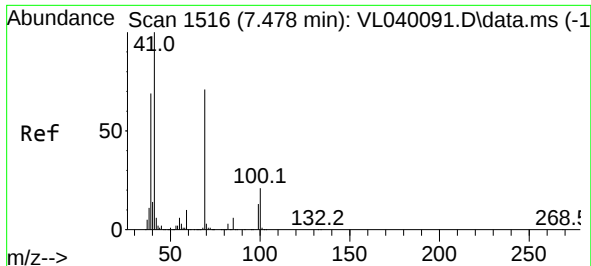
Ion Ratio Lower Upper

83 100

85 63.5 51.7 77.5

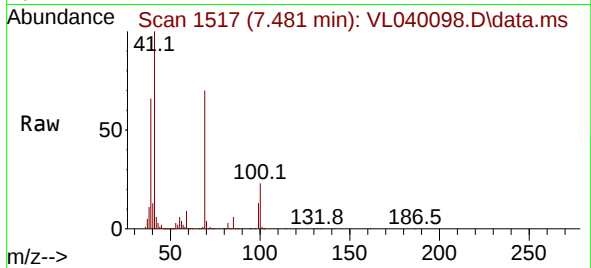
127 7.5 6.2 9.2





#43
Methyl Methacrylate
Concen: 10.955 ppbv
RT: 7.481 min Scan# 1472
Delta R.T. 0.003 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

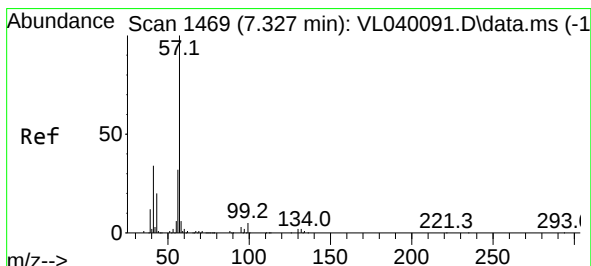
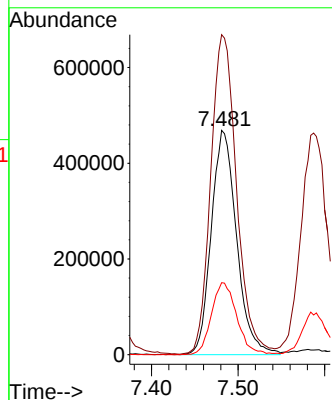
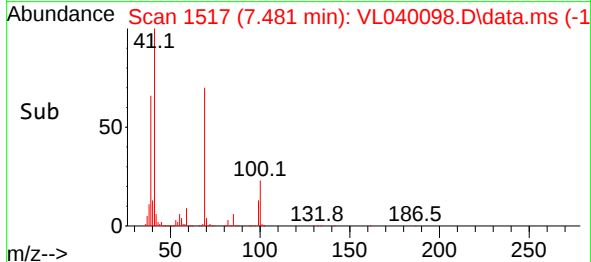
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



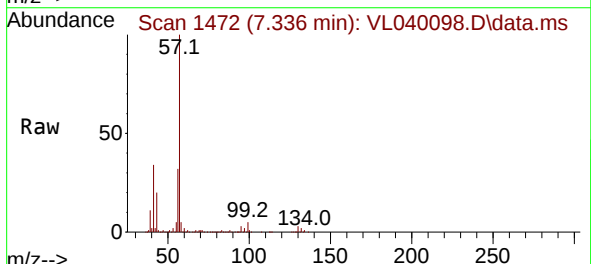
Tgt Ion: 69 Resp: 953239
Ion Ratio Lower Upper
69 100
41 144.9 118.2 177.2
100 32.2 24.2 36.4

Manual Integrations
APPROVED

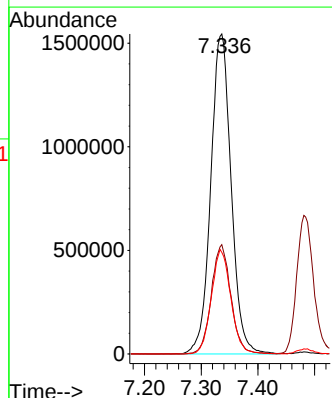
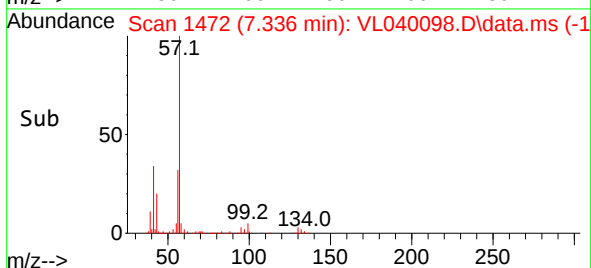
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

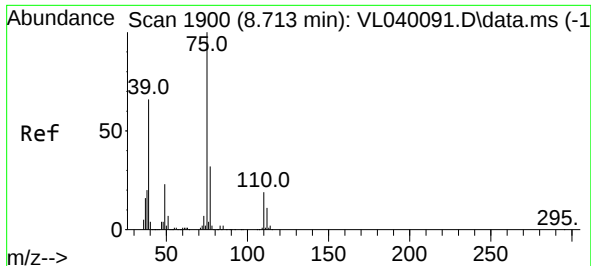


#44
2,2,4-Trimethylpentane
Concen: 9.792 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01



Tgt Ion: 57 Resp: 3861260
Ion Ratio Lower Upper
57 100
41 32.8 27.1 40.7
56 31.2 25.0 37.4





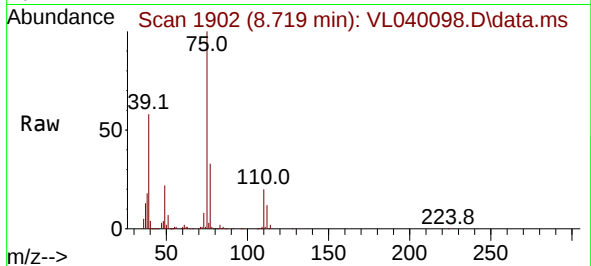
#45
t-1,3-Dichloropropene
Concen: 11.759 ppbv
RT: 8.719 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623

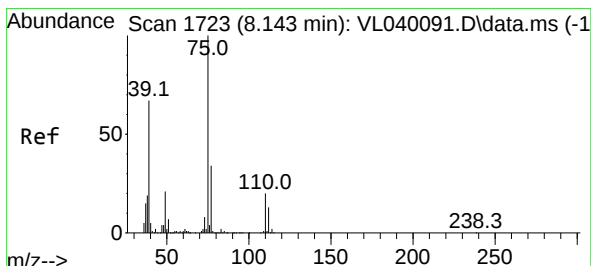
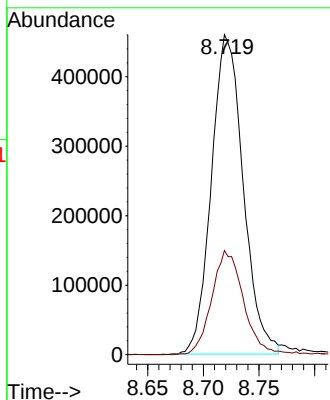
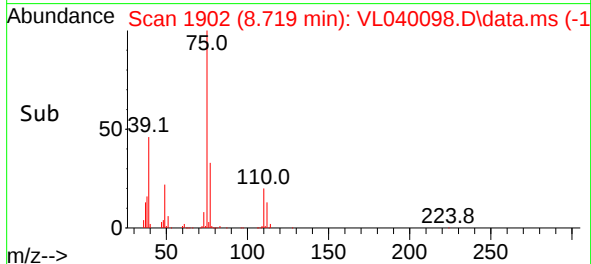


Tgt Ion: 75 Resp: 91237
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4

Manual Integrations

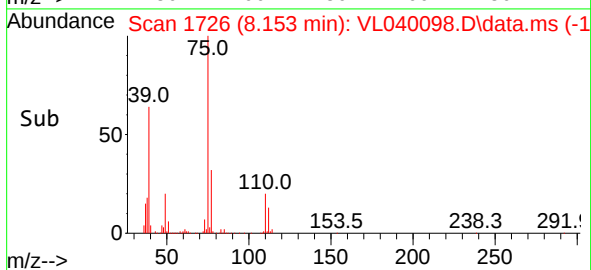
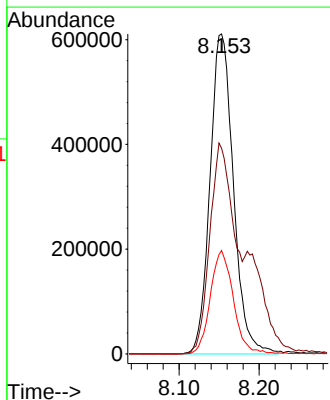
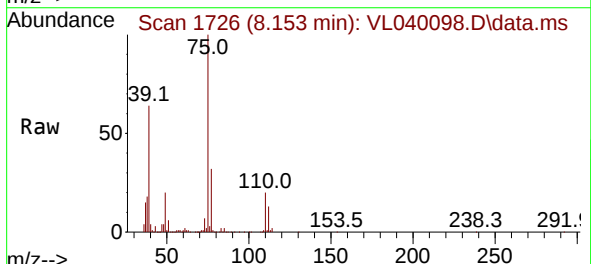
APPROVED

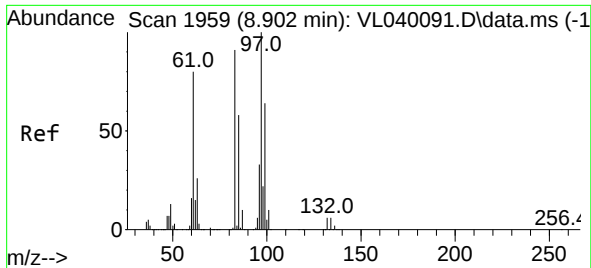
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#46
cis-1,3-Dichloropropene
Concen: 11.715 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Tgt Ion: 75 Resp: 1242085
Ion Ratio Lower Upper
75 100
39 64.2 53.6 80.4
77 32.4 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 9.809 ppbv

RT: 8.909 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VL040098.D

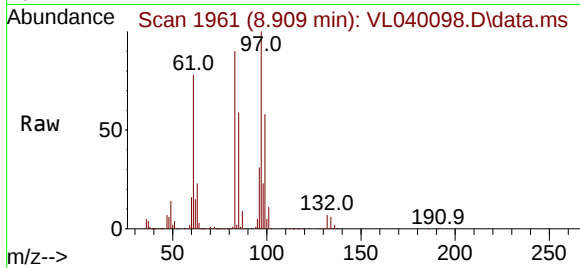
Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623



Tgt Ion: 97 Resp: 957794

Ion Ratio Lower Upper

97 100

83 90.2 72.9 109.3

85 59.3 46.0 69.0

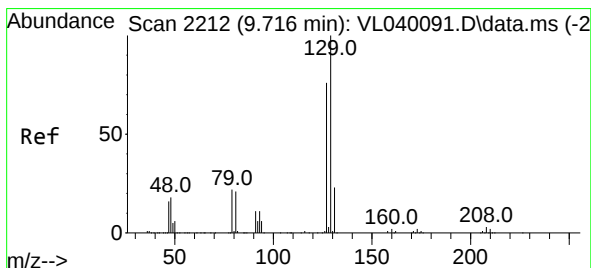
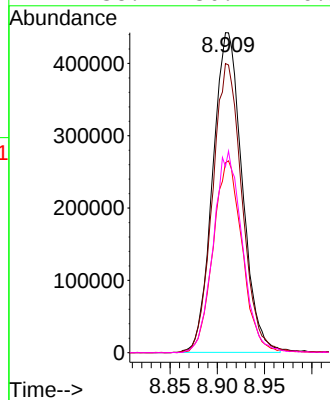
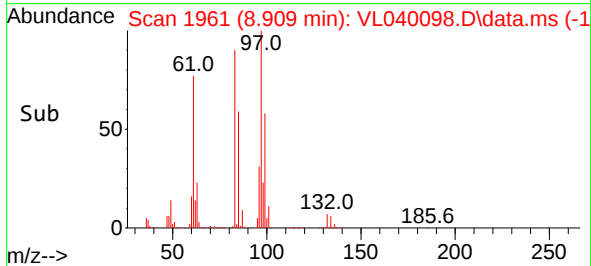
99 58.1 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#48

Dibromochloromethane

Concen: 10.354 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. 0.006 min

Lab File: VL040098.D

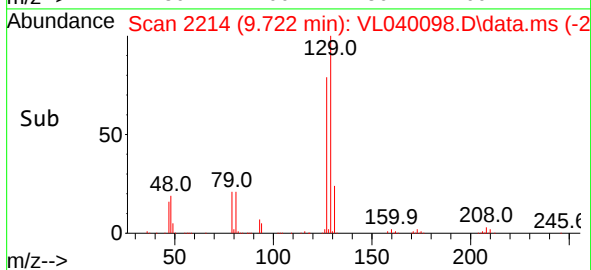
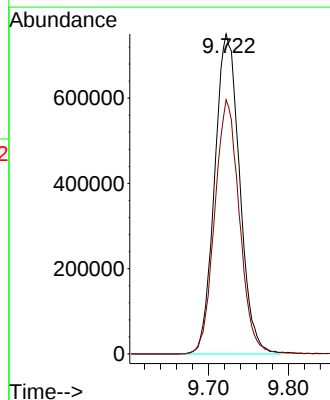
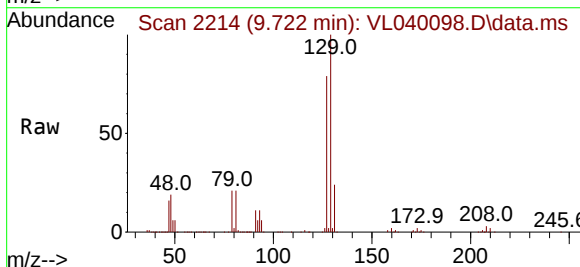
Acq: 16 Jan 2023 15:01

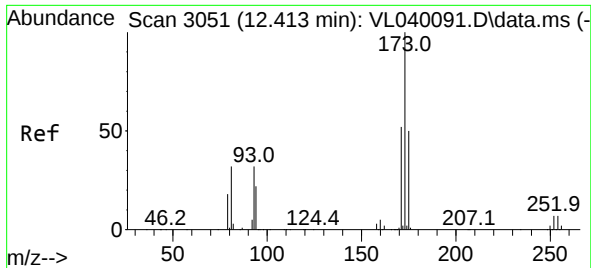
Tgt Ion:129 Resp: 1624880

Ion Ratio Lower Upper

129 100

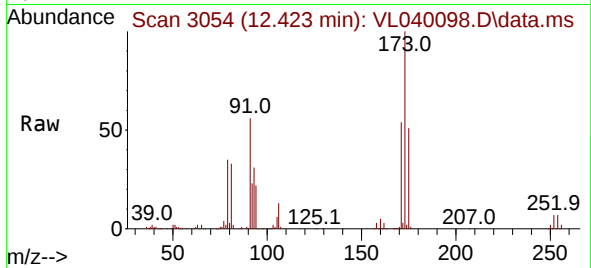
127 78.6 39.3 117.9





#49
Bromoform
Concen: 10.296 ppbv
RT: 12.423 min Scan# 3051
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

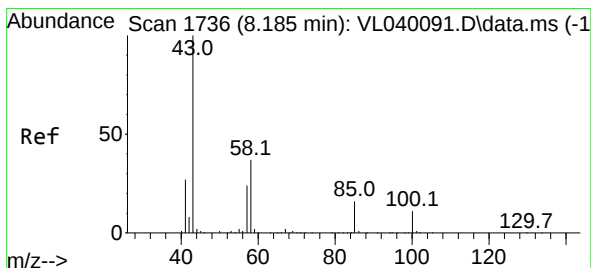
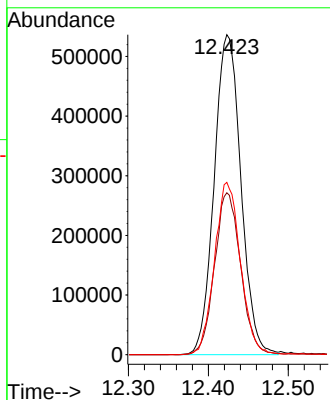
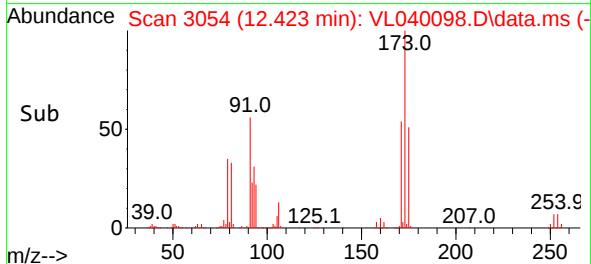
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



Tgt Ion: 173 Resp: 124475
Ion Ratio Lower Upper
173 100
175 49.8 39.7 59.5
171 52.6 42.2 63.2

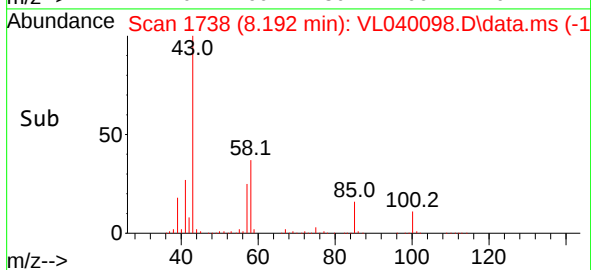
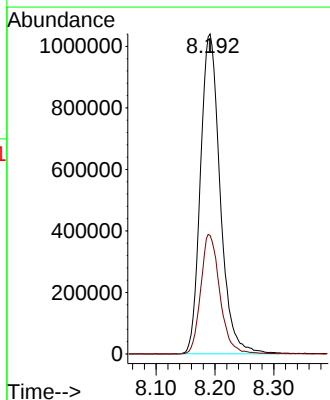
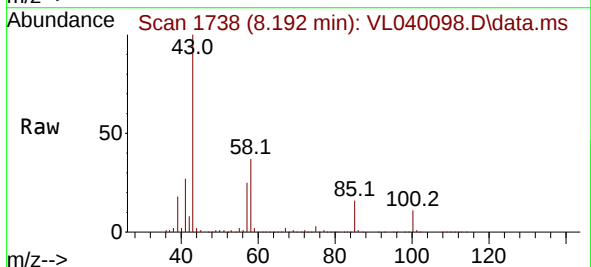
Manual Integrations
APPROVED

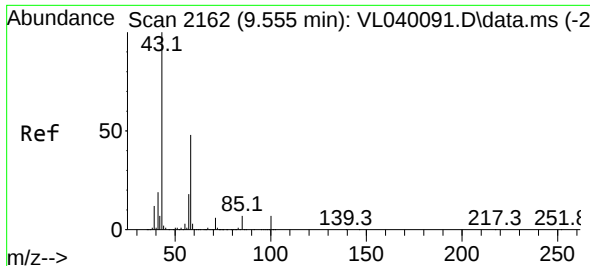
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#50
4-Methyl-2-Pentanone
Concen: 10.134 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

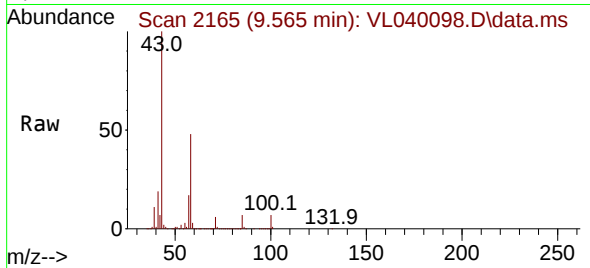
Tgt Ion: 43 Resp: 2415727
Ion Ratio Lower Upper
43 100
58 36.4 28.8 43.2





#51
2-Hexanone
Concen: 10.593 ppbv
RT: 9.565 min Scan# 2162
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

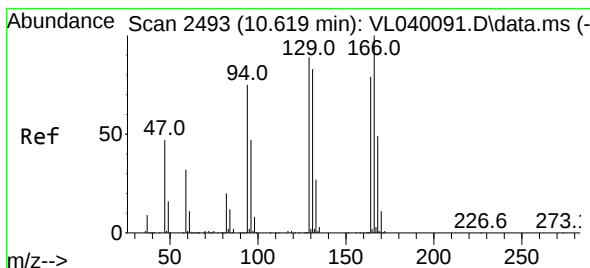
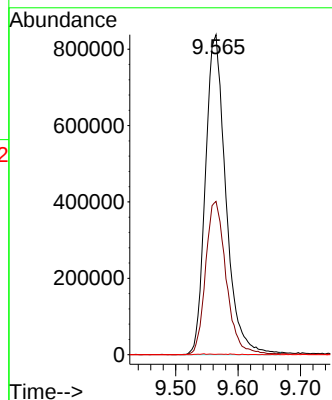
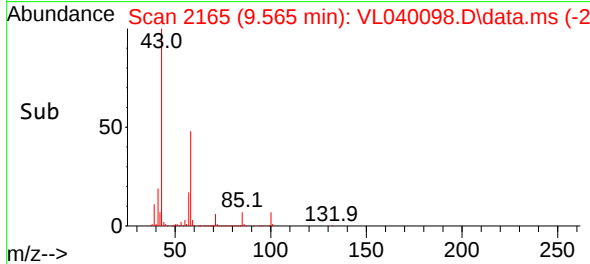
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



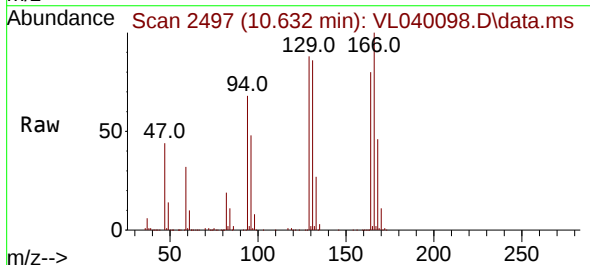
Tgt Ion: 43 Resp: 191312
Ion Ratio Lower Upper
43 100
58 48.6 37.5 56.3
98 0.1 0.4 0.6

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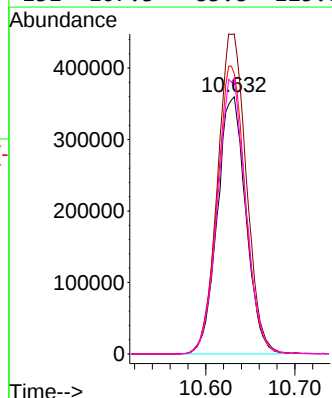
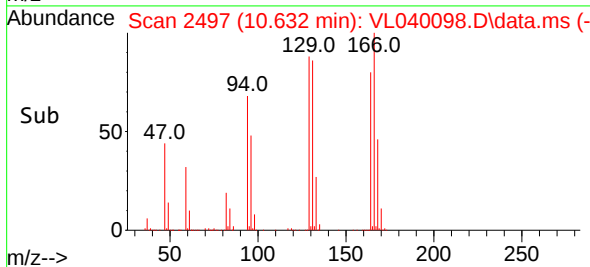
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

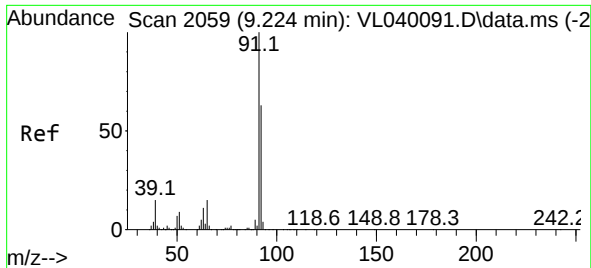


#52
Tetrachloroethene
Concen: 10.296 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.013 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01



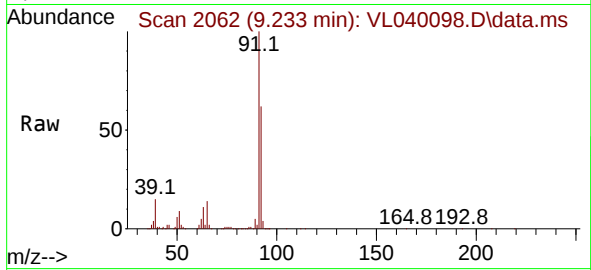
Tgt Ion:164 Resp: 798601
Ion Ratio Lower Upper
164 100
166 124.5 101.2 151.8
129 109.0 90.2 135.2
131 107.3 83.8 125.8





#53
Toluene
Concen: 10.504 ppbv
RT: 9.233 min Scan# 2059
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

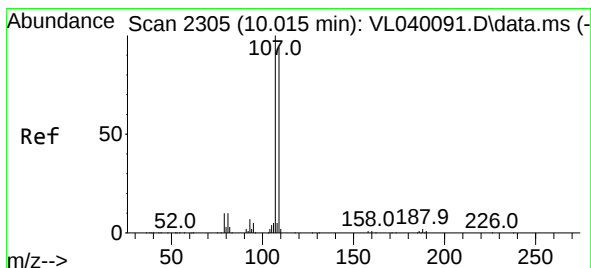
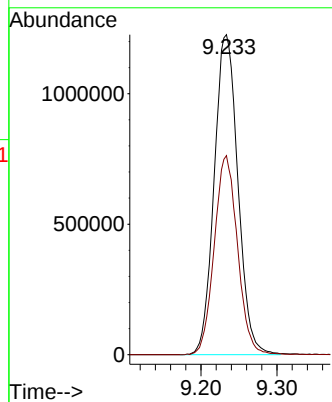
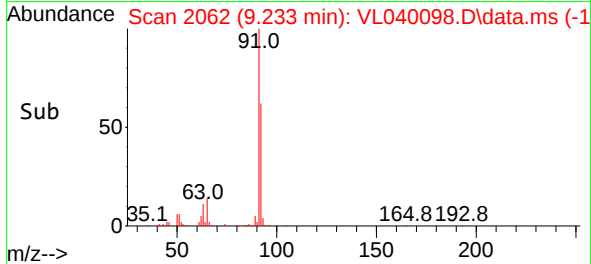
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



Tgt Ion: 91 Resp: 265633
Ion Ratio Lower Upper
91 100
92 61.1 48.3 72.5

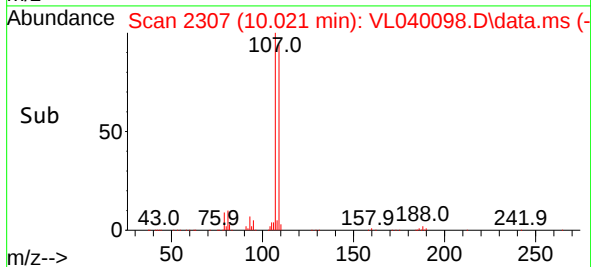
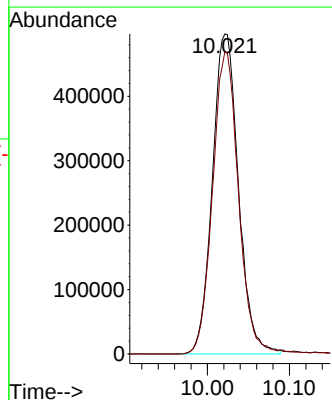
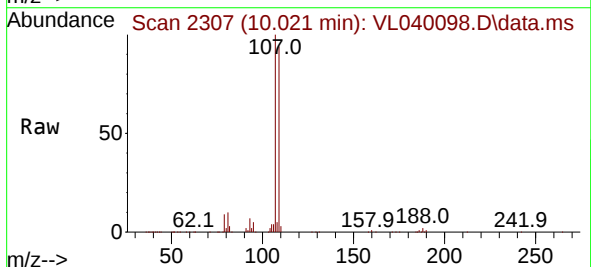
Manual Integrations
APPROVED

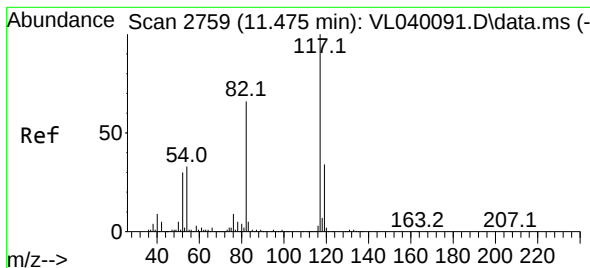
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#54
1,2-Dibromoethane
Concen: 10.750 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

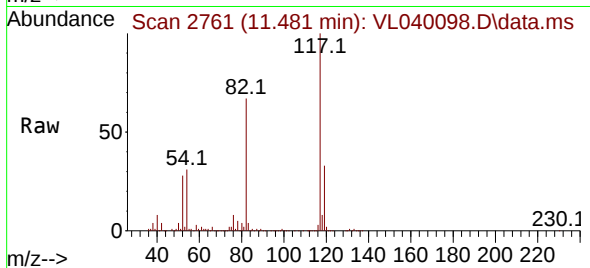
Tgt Ion:107 Resp: 1098963
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.481 min Scan# 2759
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

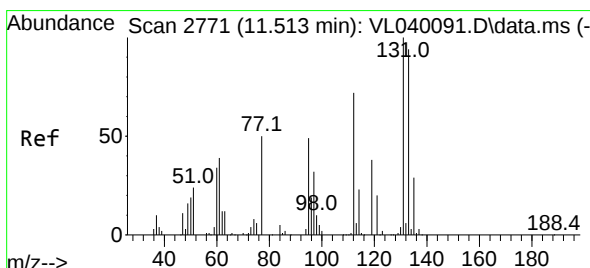
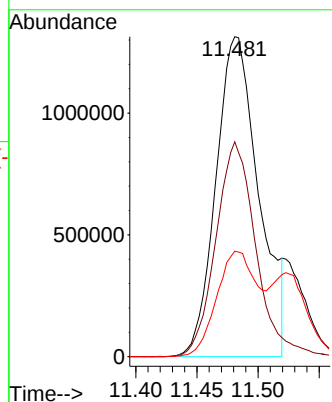
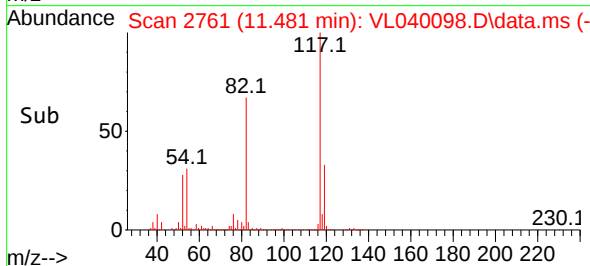
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



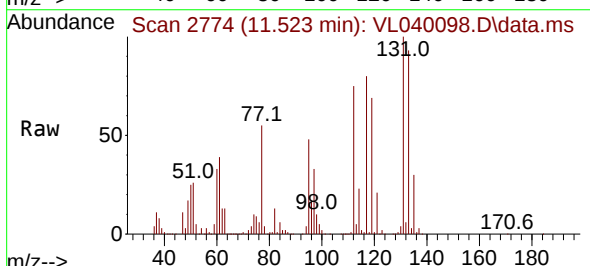
Tgt Ion:117 Resp: 320646
Ion Ratio Lower Upper
117 100
82 62.9 54.4 81.6
119 33.4 26.8 40.2

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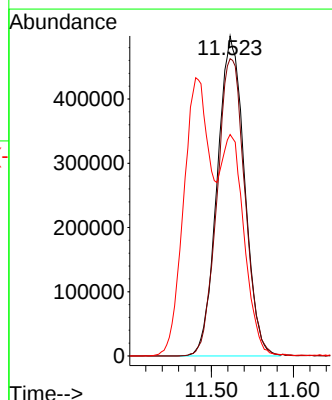
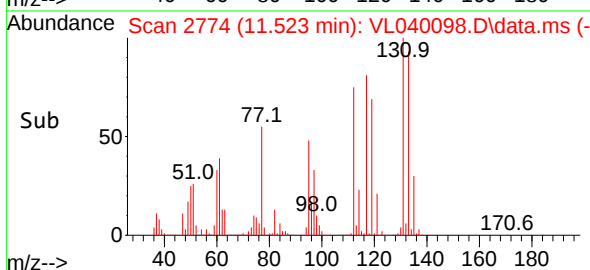
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

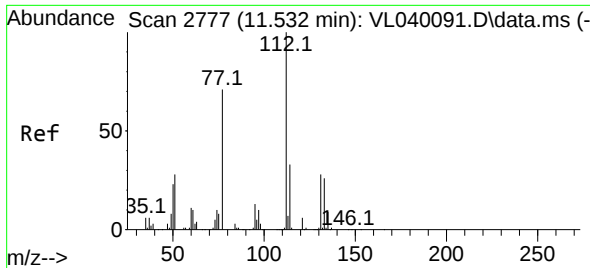


#56
1,1,1,2-Tetrachloroethane
Concen: 9.191 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01



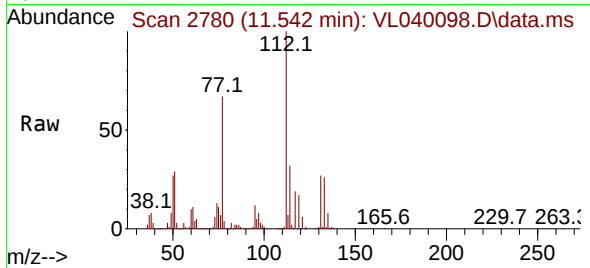
Tgt Ion:131 Resp: 1146972
Ion Ratio Lower Upper
131 100
133 95.0 75.6 113.4
119 55.3 47.2 70.8





#57
Chlorobenzene
Concen: 9.064 ppbv
RT: 11.542 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

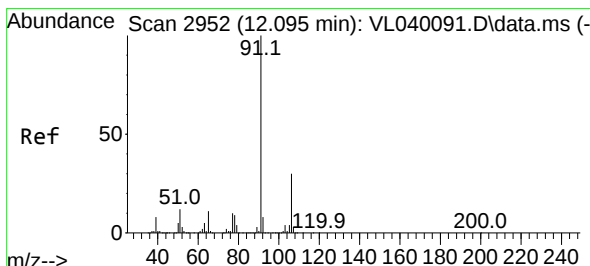
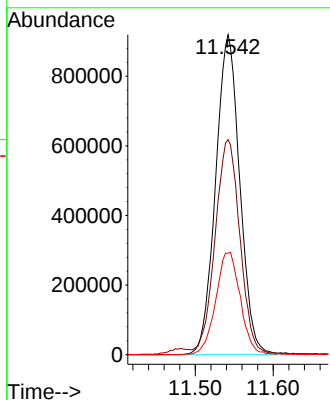
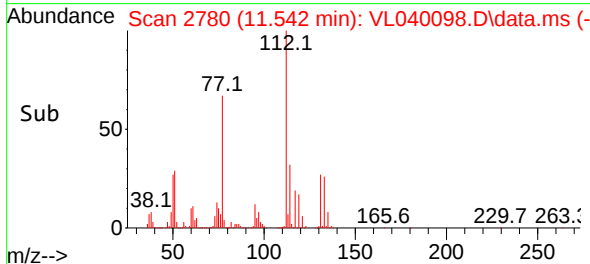
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



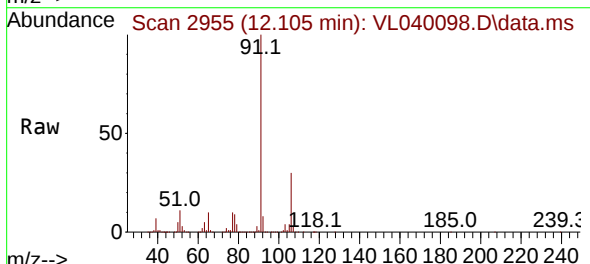
Tgt Ion:112 Resp: 1981130
Ion Ratio Lower Upper
112 100
77 66.8 57.3 85.9
114 31.7 29.6 36.2

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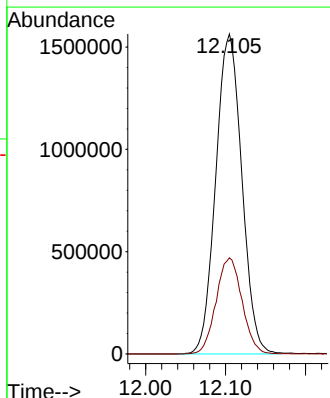
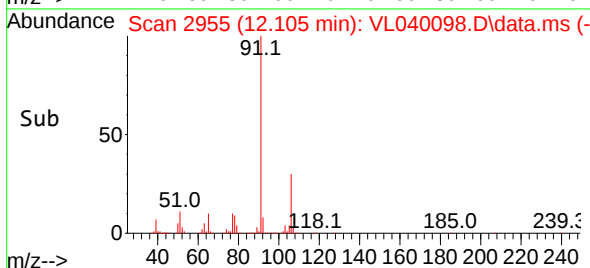
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

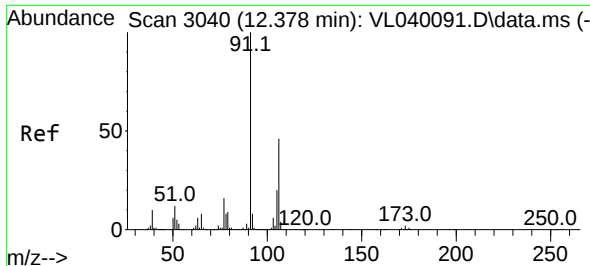


#58
Ethyl Benzene
Concen: 9.883 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01



Tgt Ion: 91 Resp: 3536440
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5





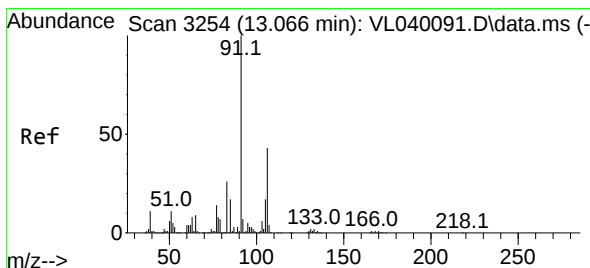
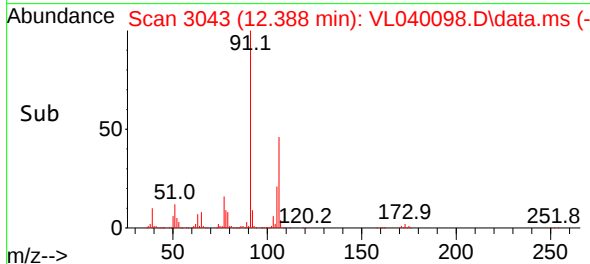
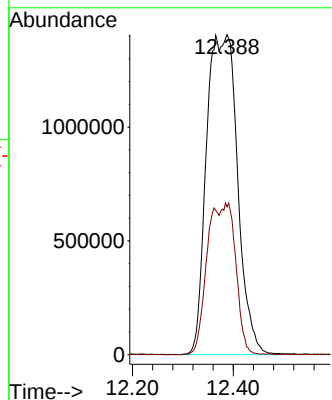
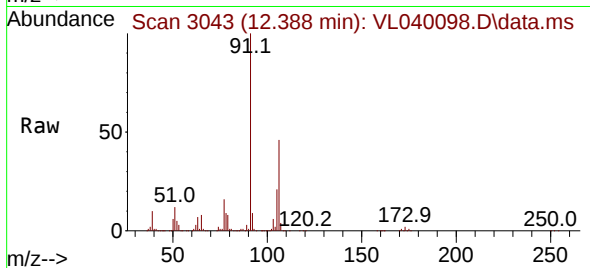
#59
m/p-Xylene
Concen: 18.651 ppbv m
RT: 12.388 min Scan# 3040
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623

Tgt Ion: 91 Resp: 6000678
Ion Ratio Lower Upper
91 100
106 43.5 34.2 51.4

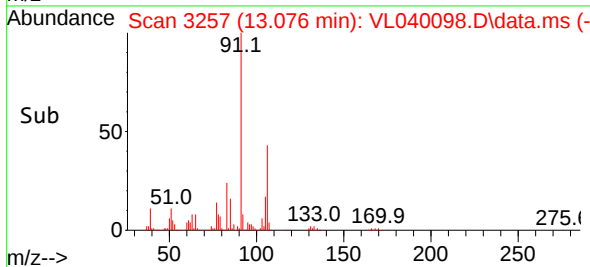
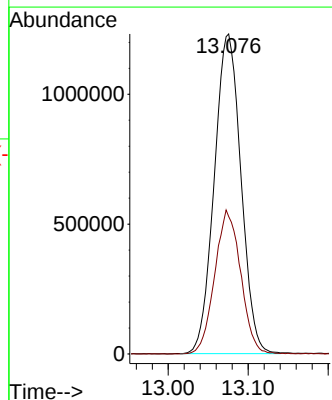
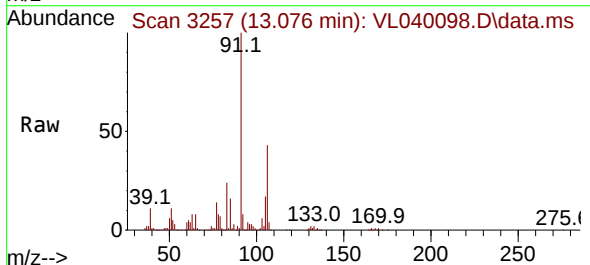
Manual Integrations
APPROVED

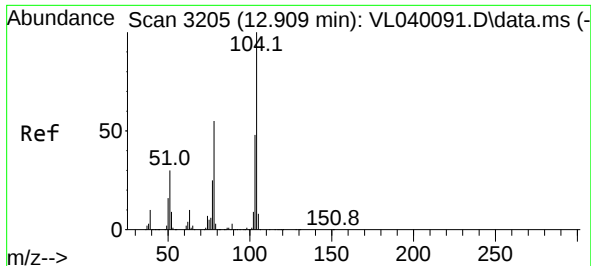
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#60
o-Xylene
Concen: 9.341 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

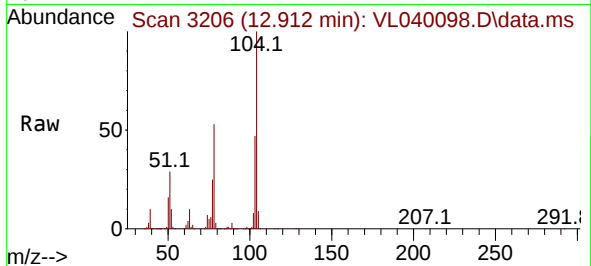
Tgt Ion: 91 Resp: 2852794
Ion Ratio Lower Upper
91 100
106 43.9 21.6 64.8





#61
Styrene
Concen: 10.525 ppbv
RT: 12.912 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

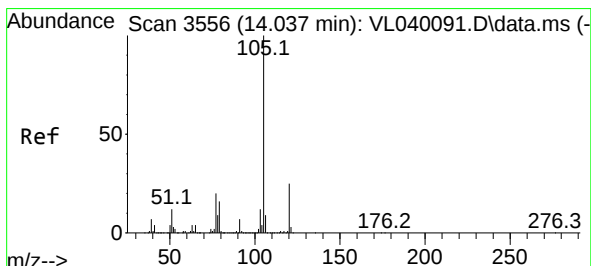
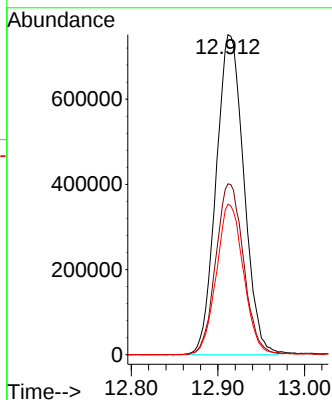
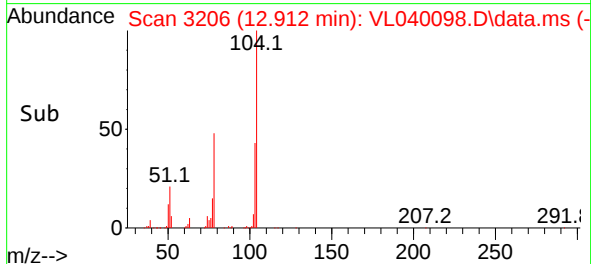
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



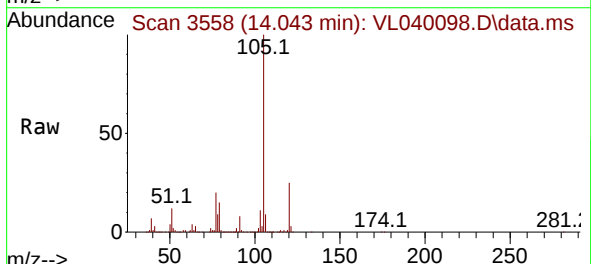
Tgt Ion:104 Resp: 1674949
Ion Ratio Lower Upper
104 100
78 53.7 44.0 66.0
103 46.3 37.8 56.6

Manual Integrations
APPROVED

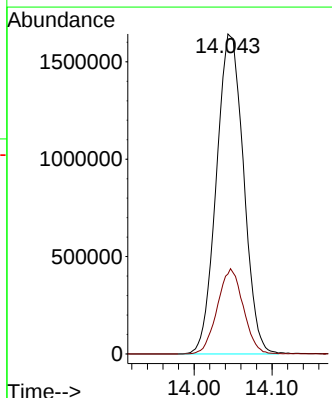
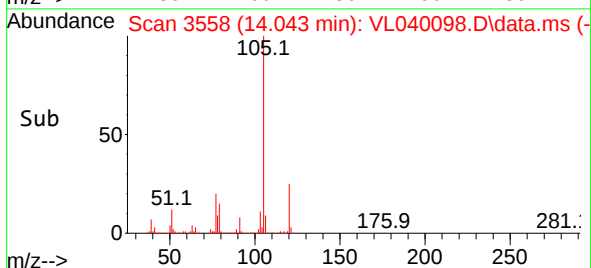
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

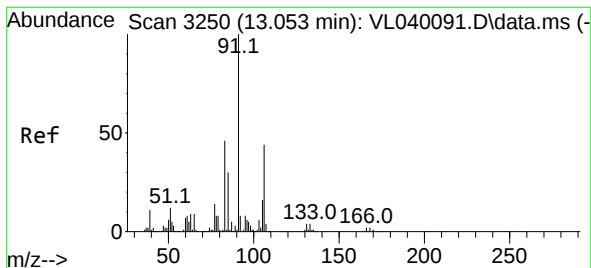


#62
Isopropylbenzene
Concen: 9.059 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01



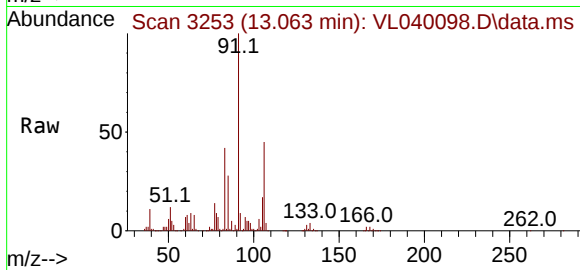
Tgt Ion:105 Resp: 3979042
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 8.338 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

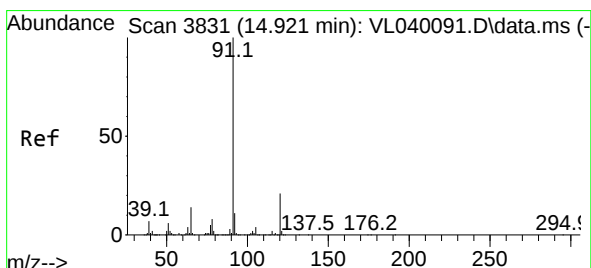
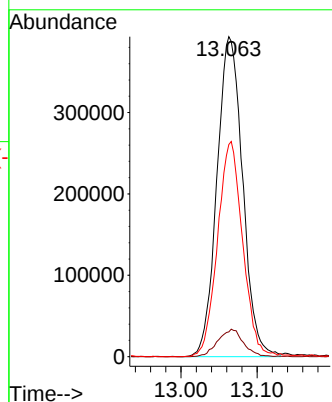
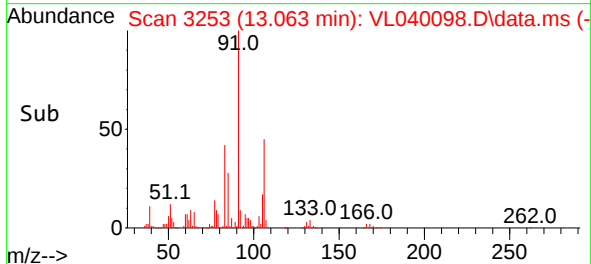
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



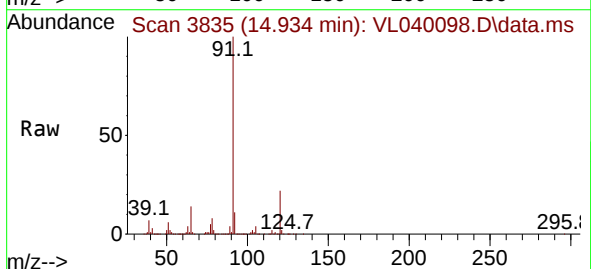
Tgt Ion: 83 Resp: 92451
Ion Ratio Lower Upper
83 100
131 8.6 4.3 13.1
85 66.2 32.5 97.5

Manual Integrations
APPROVED

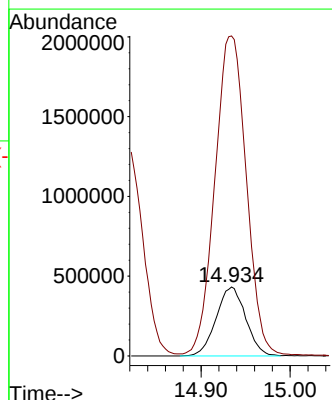
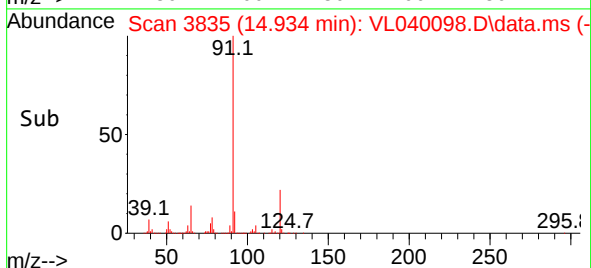
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

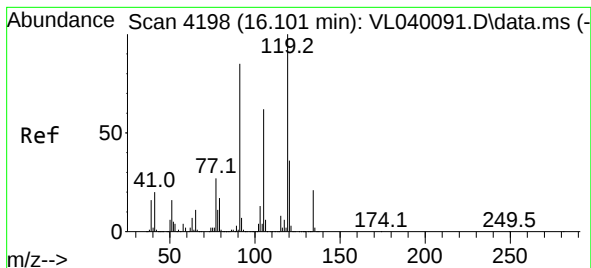


#64
n-propylbenzene
Concen: 9.099 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.013 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01



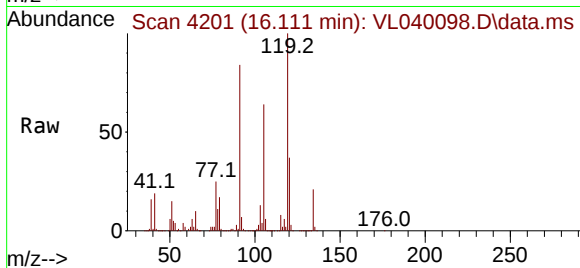
Tgt Ion:120 Resp: 993574
Ion Ratio Lower Upper
120 100
91 497.5 397.0 595.4





#65
tert-Butylbenzene
Concen: 9.002 ppbv
RT: 16.111 min Scan# 4198
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

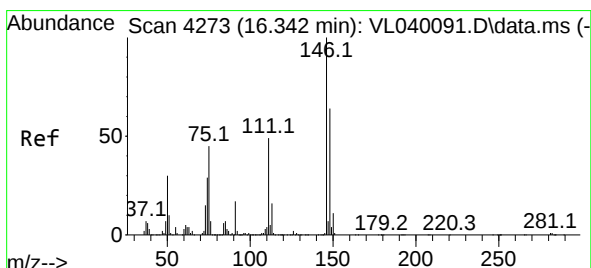
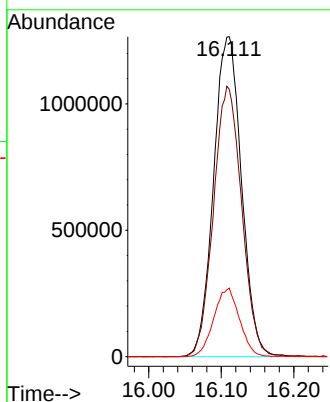
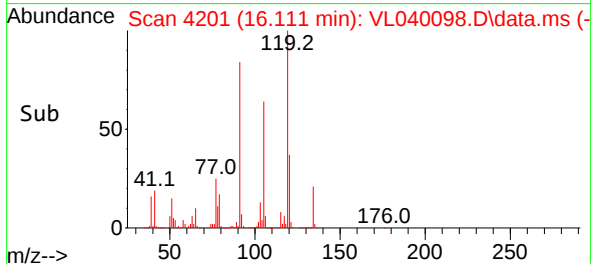
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



Tgt Ion: 119 Resp: 3385449
Ion Ratio Lower Upper
119 100
91 85.4 69.5 104.3
134 19.8 15.8 23.8

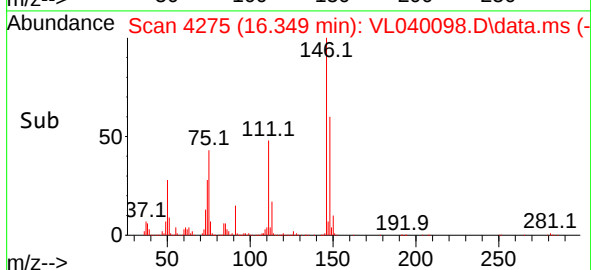
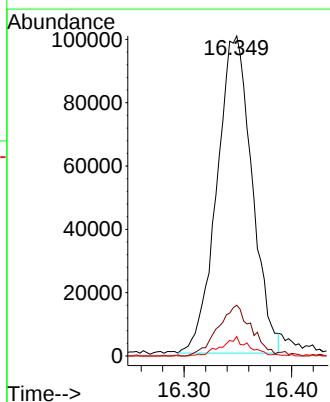
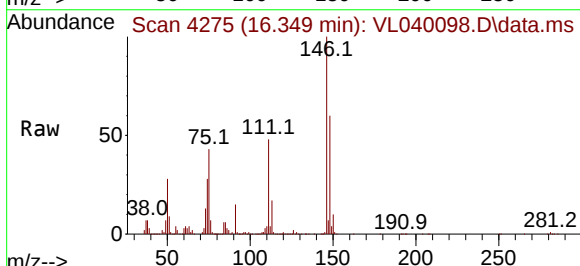
Manual Integrations
APPROVED

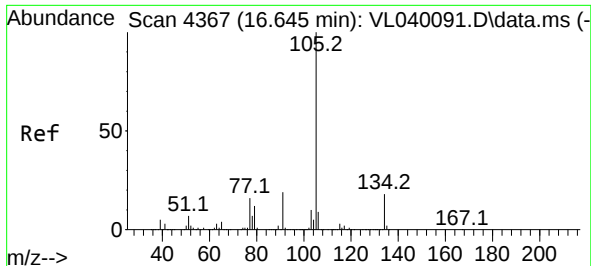
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#66
Benzyl Chloride
Concen: 8.828 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Tgt Ion: 91 Resp: 226889
Ion Ratio Lower Upper
91 100
126 16.0 11.5 17.3
128 4.9 0.0 0.0#





#67

sec-Butylbenzene

Concen: 8.892 ppbv

RT: 16.654 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623

Tgt Ion:105 Resp: 4740814

Ion Ratio Lower Upper

105 100

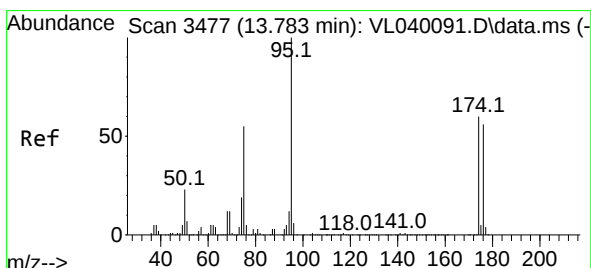
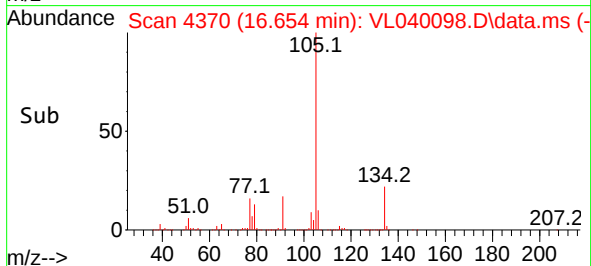
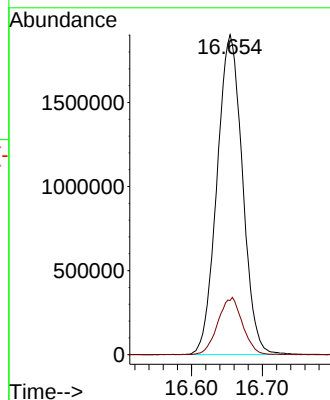
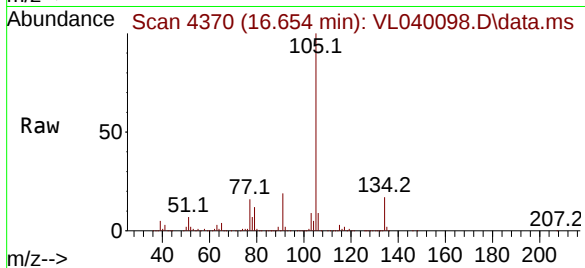
134 17.4 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.304 ppbv

RT: 13.793 min Scan# 3480

Delta R.T. 0.010 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

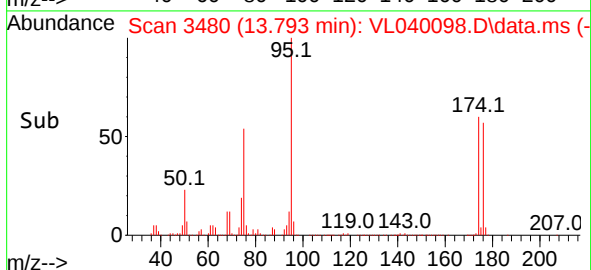
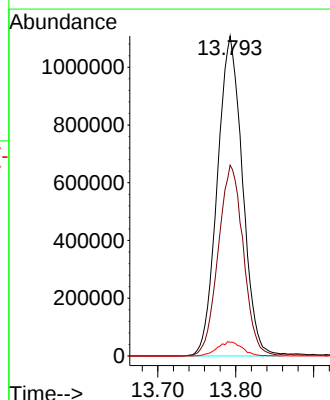
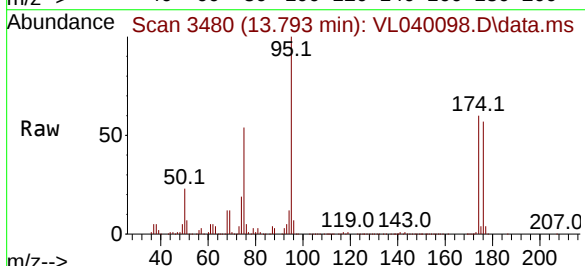
Tgt Ion: 95 Resp: 2479411

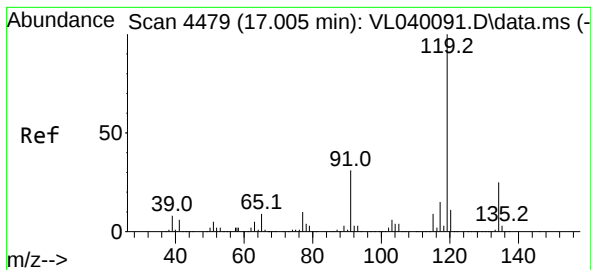
Ion Ratio Lower Upper

95 100

174 59.7 47.7 71.5

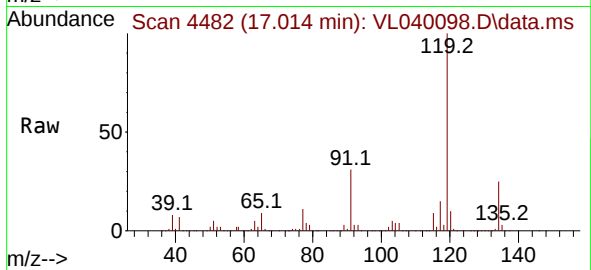
175 4.5 3.4 5.2





#69
p-Isopropyltoluene
Concen: 9.149 ppbv
RT: 17.014 min Scan# 4479
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

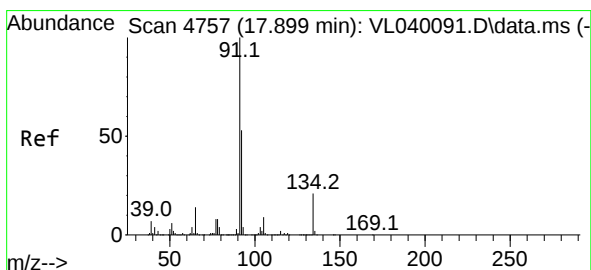
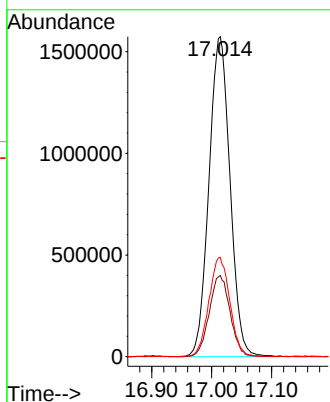
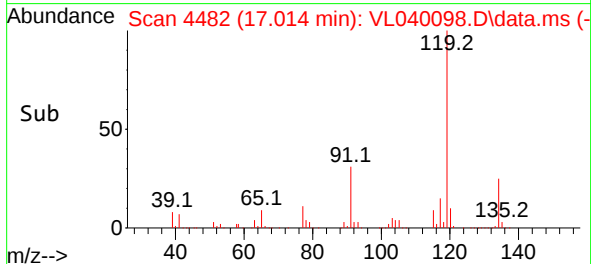
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



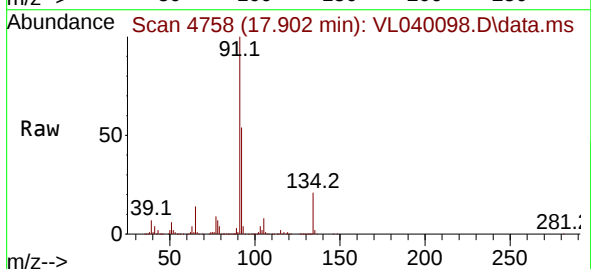
Tgt Ion: 119 Resp: 383312
Ion Ratio Lower Upper
119 100
134 25.1 20.1 30.1
91 30.9 25.0 37.4

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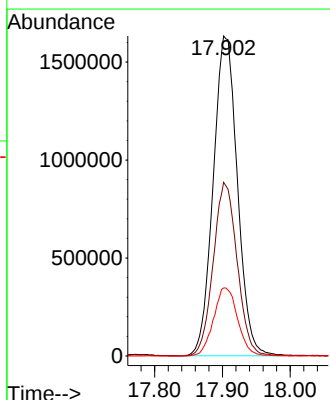
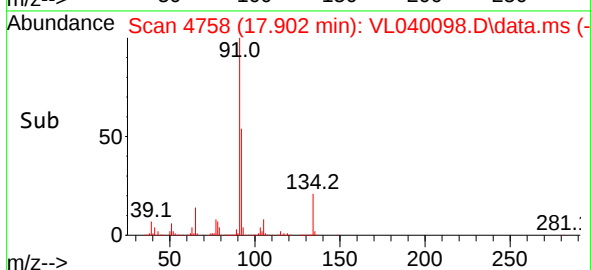
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

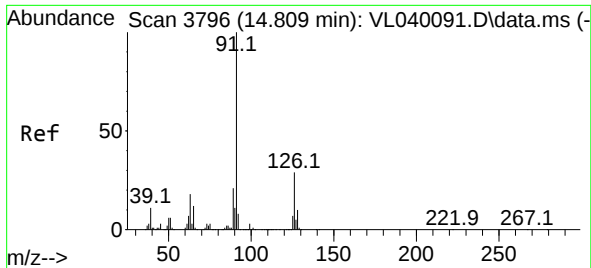


#70
n-Butylbenzene
Concen: 8.971 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.003 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01



Tgt Ion: 91 Resp: 4053388
Ion Ratio Lower Upper
91 100
92 53.6 42.8 64.2
134 21.3 16.9 25.3





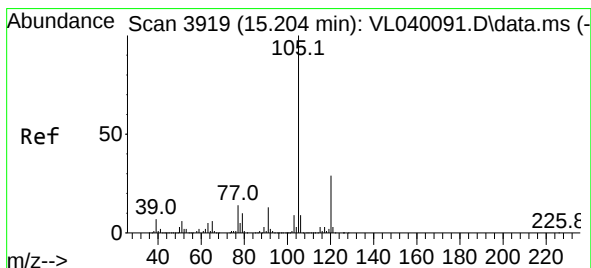
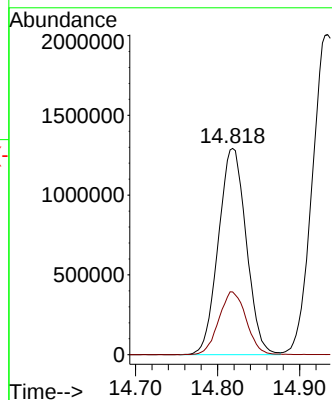
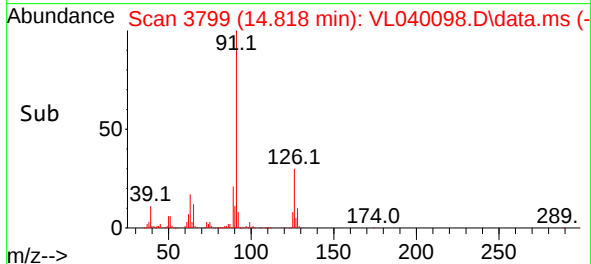
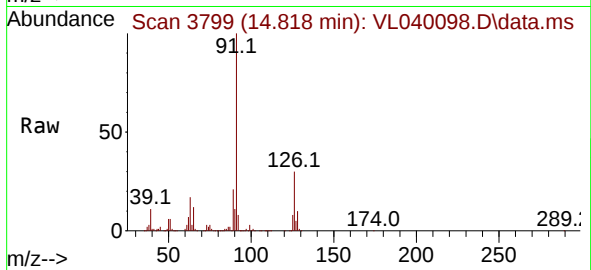
#71
2-Chlorotoluene
Concen: 9.033 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623

Tgt Ion: 91 Resp: 305168
Ion Ratio Lower Upper
91 100
126 30.1 11.9 47.5

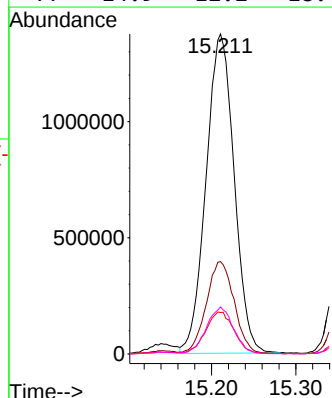
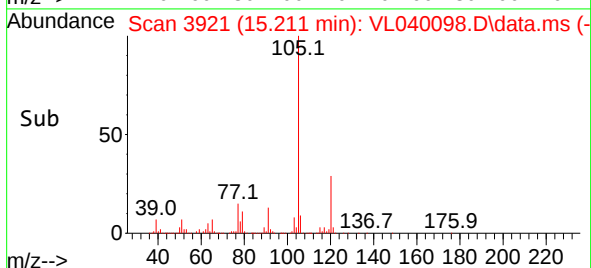
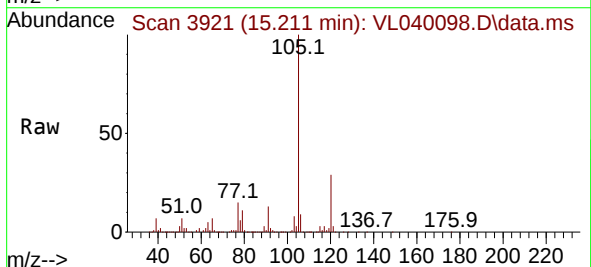
Manual Integrations
APPROVED

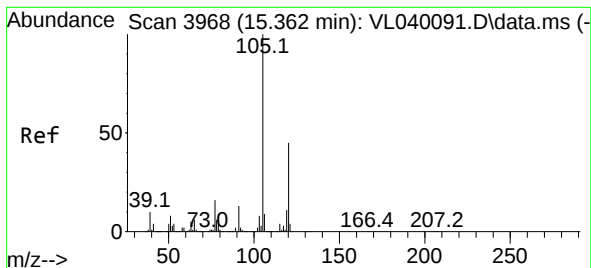
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#72
4-Ethyltoluene
Concen: 9.398 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.006 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Tgt Ion:105 Resp: 3184598
Ion Ratio Lower Upper
105 100
120 29.0 23.1 34.7
91 13.2 11.2 16.8
77 14.9 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 9.178 ppbv

RT: 15.371 min Scan# 3968

Delta R.T. 0.010 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623

Tgt Ion:105 Resp: 2800438

Ion Ratio Lower Upper

105 100

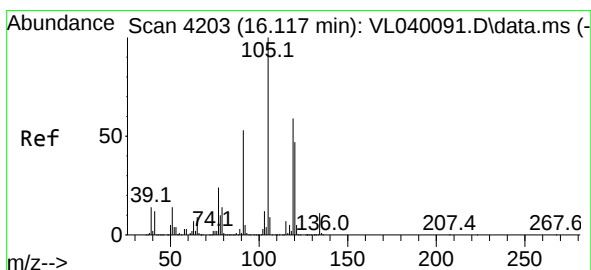
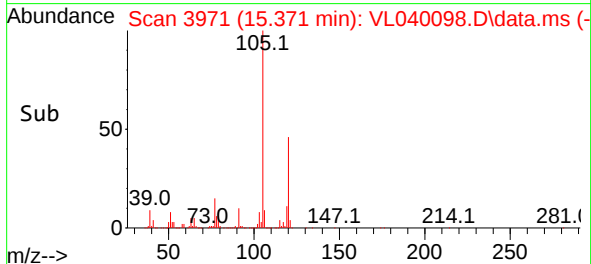
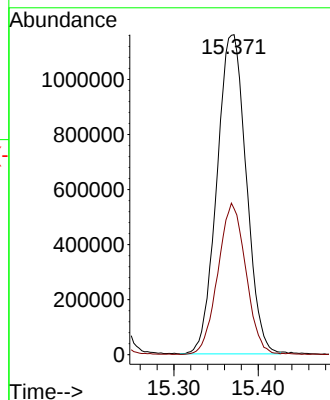
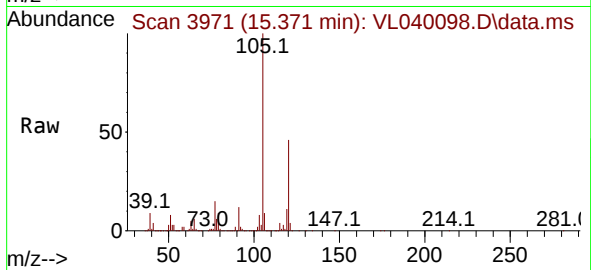
120 45.6 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#74

1,2,4-Trimethylbenzene

Concen: 8.904 ppbv

RT: 16.127 min Scan# 4206

Delta R.T. 0.010 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

Tgt Ion:105 Resp: 3009317

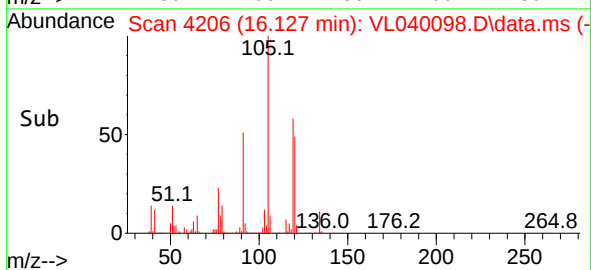
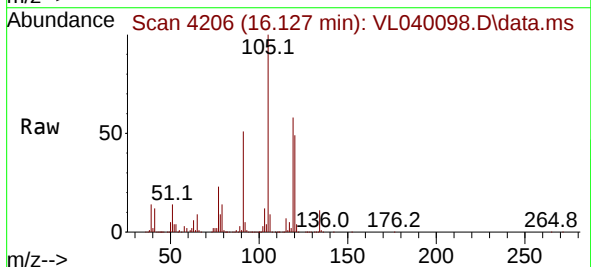
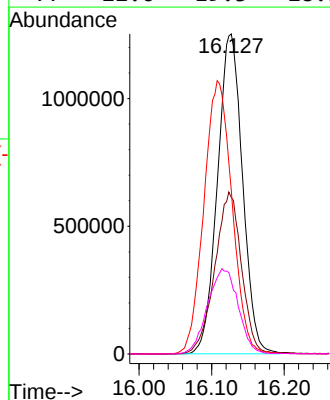
Ion Ratio Lower Upper

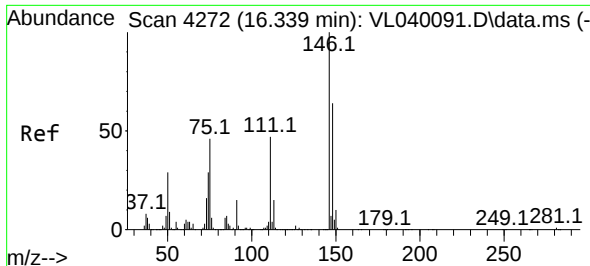
105 100

120 48.8 38.0 57.0

91 51.2 42.1 63.1

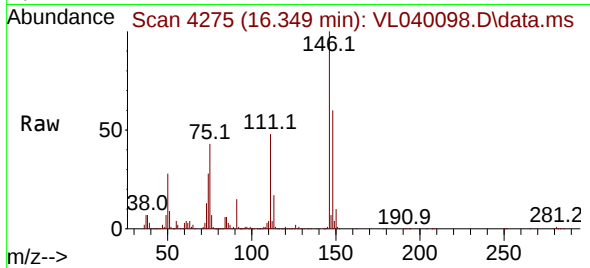
77 22.6 19.3 28.9





#75
1,3-Dichlorobenzene
Concen: 8.709 ppbv
RT: 16.349 min Scan# 4320
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

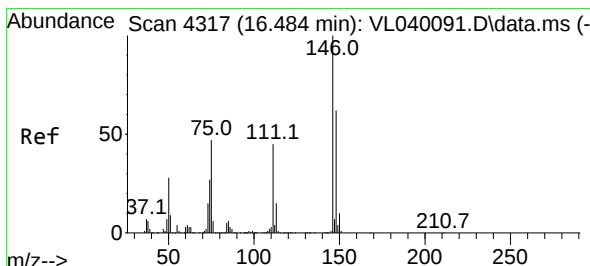
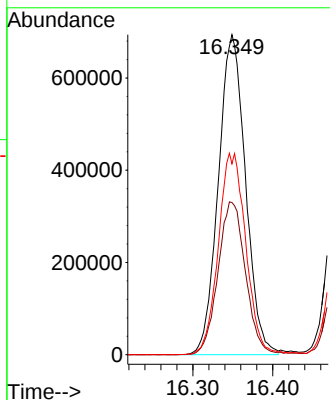
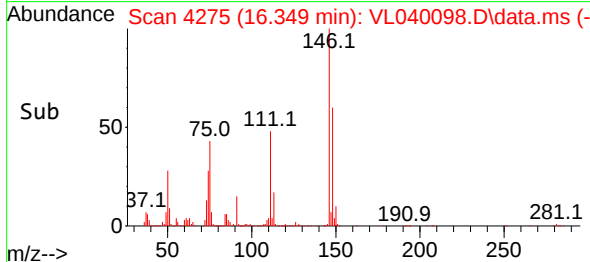
Instrument : MSVOA_L
ClientSampleId : ICVVL011623



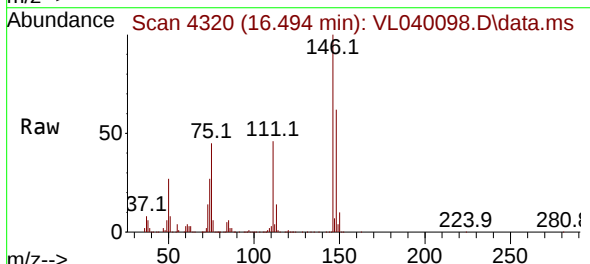
Tgt Ion:146 Resp: 1634929
Ion Ratio Lower Upper
146 100
111 48.6 24.3 73.0
148 64.0 32.3 96.8

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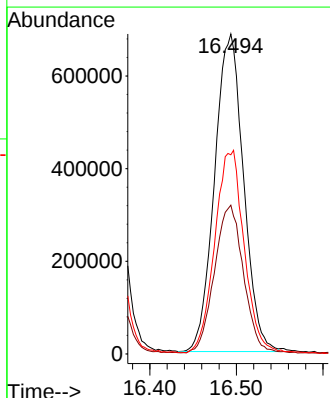
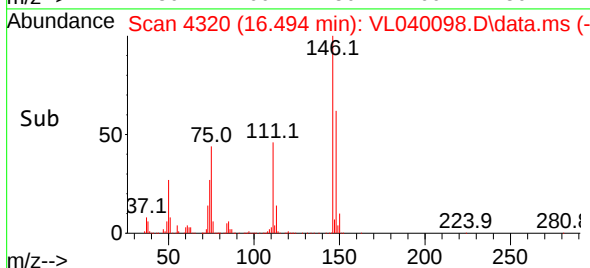
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

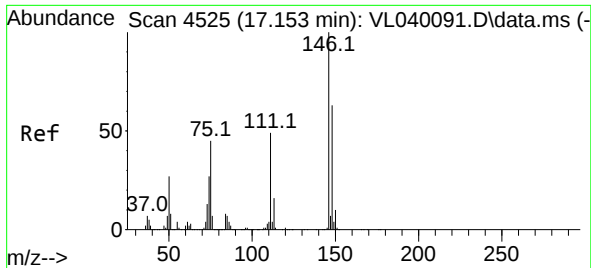


#76
1,4-Dichlorobenzene
Concen: 8.635 ppbv
RT: 16.494 min Scan# 4320
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01



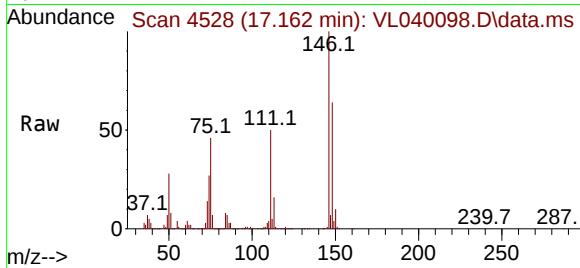
Tgt Ion:146 Resp: 1593819
Ion Ratio Lower Upper
146 100
111 47.7 23.8 71.2
148 65.9 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 8.654 ppbv
RT: 17.162 min Scan# 4525
Delta R.T. 0.010 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

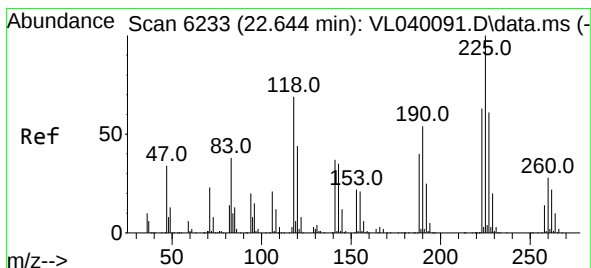
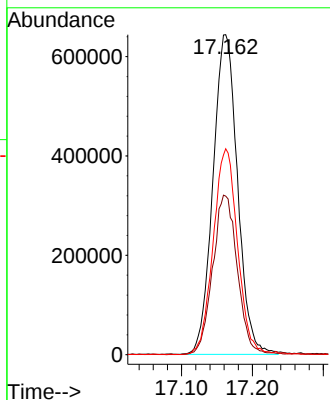
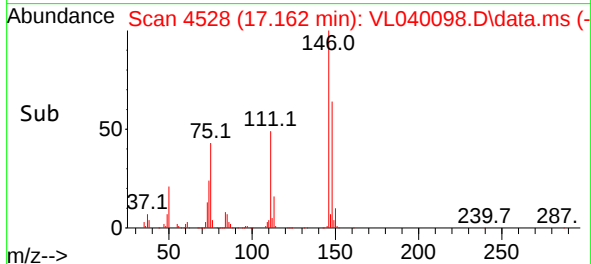
Instrument :
MSVOA_L
ClientSampleId :
ICVVL011623



Tgt Ion:146 Resp: 155355
Ion Ratio Lower Upper
146 100
111 50.2 25.1 75.2
148 64.0 32.4 97.0

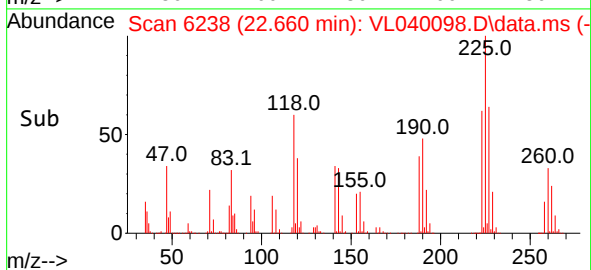
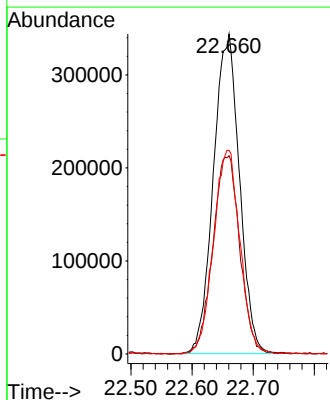
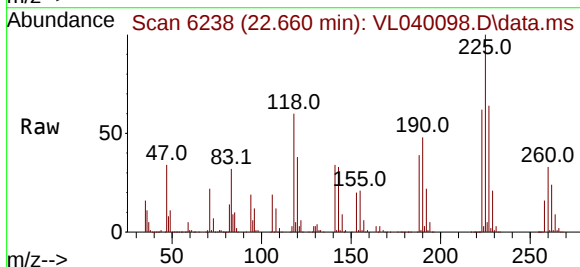
Manual Integrations
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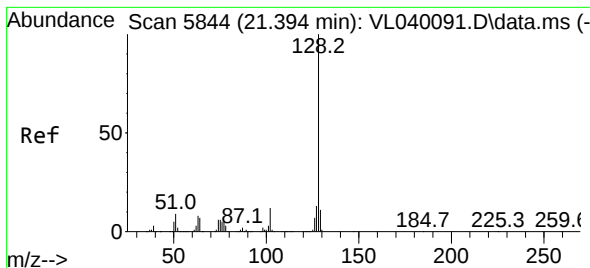
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#78
Hexachloro-1,3-Butadiene
Concen: 7.747 ppbv
RT: 22.660 min Scan# 6238
Delta R.T. 0.016 min
Lab File: VL040098.D
Acq: 16 Jan 2023 15:01

Tgt Ion:225 Resp: 1018586
Ion Ratio Lower Upper
225 100
223 64.1 51.5 77.3
227 64.6 50.6 76.0





#79

Naphthalene

Concen: 12.580 ppbv

RT: 21.407 min Scan# 5848

Delta R.T. 0.013 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623

Tgt Ion:128 Resp: 2435818

Ion Ratio Lower Upper

128 100

127 11.9 10.3 15.5

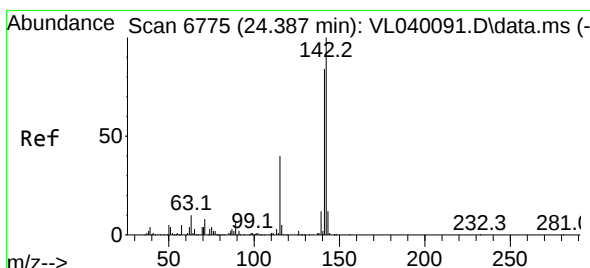
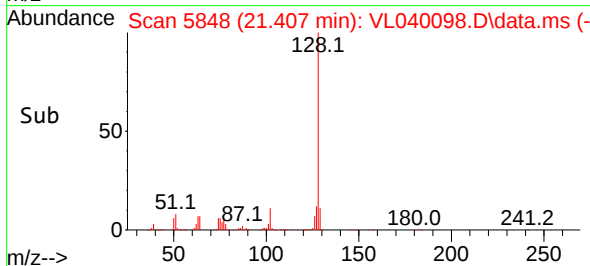
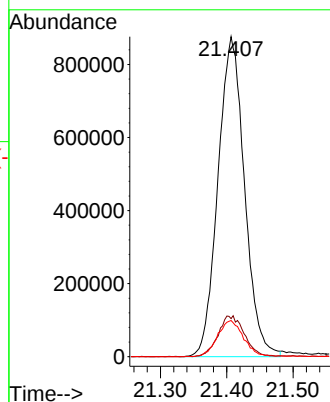
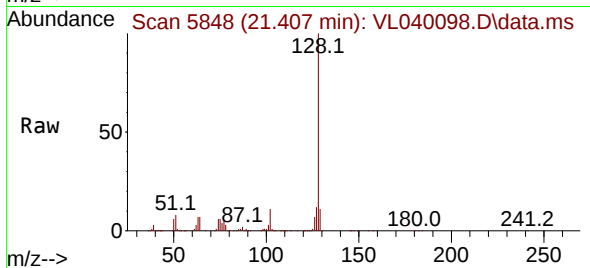
129 11.3 8.8 13.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#80

Naphthalene,2-methyl-

Concen: 10.716 ppbv

RT: 24.394 min Scan# 6777

Delta R.T. 0.006 min

Lab File: VL040098.D

Acq: 16 Jan 2023 15:01

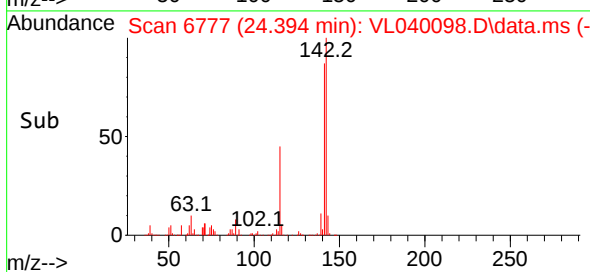
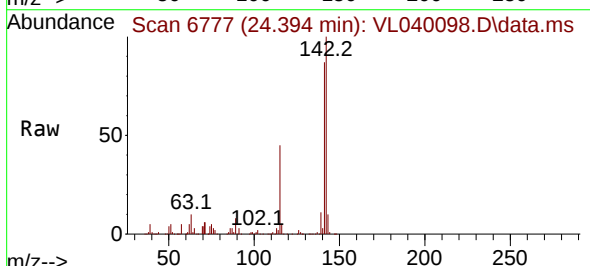
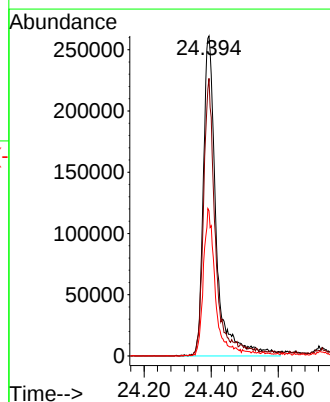
Tgt Ion:142 Resp: 699148

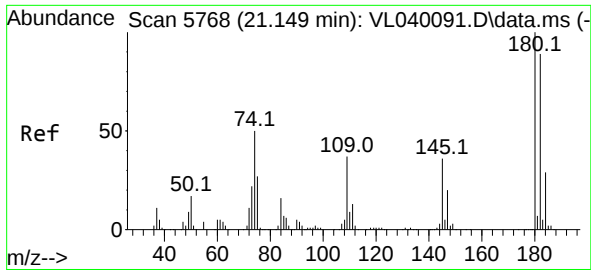
Ion Ratio Lower Upper

142 100

141 81.8 65.0 97.6

115 44.2 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 10.311 ppbv

RT: 21.162 min Scan# 51

Delta R.T. 0.013 min

Lab File: VL040098.D

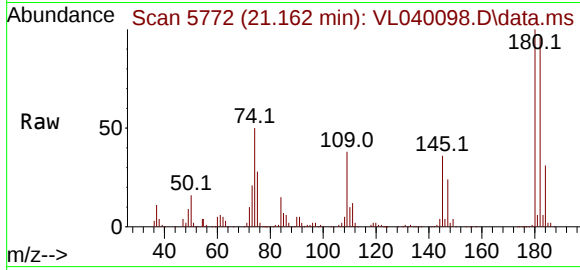
Acq: 16 Jan 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL011623



Tgt Ion:180 Resp: 1230540

Ion Ratio Lower Upper

180 100

182 96.5 78.6 117.8

184 31.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023

