

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040506.D
 Acq On : 10 Jul 2023 11:48
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/11/2023
 Supervised By : Mahesh Dadoda 07/11/2023

Quant Time: Jul 10 12:19:04 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 11 2023

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.202	49	1130444	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.664	114	3041156	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2935383m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 2245741 9.270 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 92.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.739	85	2063572	8.388	ppbv	100
3) Chlorodifluoromethane	2.684	51	1658466	8.958	ppbv	95
4) Chloromethane	2.822	50	674207	9.407	ppbv	96
5) Vinyl Chloride	2.928	62	684360	9.568	ppbv	99
6) Bromomethane	3.128	94	288315	7.786	ppbv	100
7) Chloroethane	3.205	64	244402	9.149	ppbv	97
8) Dichlorotetrafluoroethane	2.867	85	1721283	8.859	ppbv	99
9) Propene	2.703	41	576666	10.100	ppbv	98
10) Heptane	7.590	43	1397960	10.817	ppbv	100
11) Trichlorofluoromethane	3.571	101	1649730	8.234	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.073	101	1179122	8.426	ppbv	94
13) Ethanol	3.247	45	112111	9.482	ppbv	97
14) Bromoethene	3.375	108	523456	8.942	ppbv	100
15) Acetone	3.475	43	1168425	8.569	ppbv	97
16) 1,3-Butadiene	2.993	39	649295	9.784	ppbv	100
17) tert-Butyl alcohol	3.883	59	1316785	11.748	ppbv	100
18) 1,1-Dichloroethene	3.890	96	551979	8.852	ppbv	96
19) Isopropyl Alcohol	3.581	45	744782	11.333	ppbv #	94
20) Methylene Chloride	3.941	84	461637	7.933	ppbv	98
21) Allyl Chloride	4.005	41	716765	9.307	ppbv	96
22) trans-1,2-Dichloroethene	4.452	96	572562	8.949	ppbv	91
23) Vinyl Acetate	4.636	43	1282103	9.627	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1168750	8.749	ppbv	100
25) Ethyl Acetate	5.211	43	2429395	9.833	ppbv	99
26) Hexane	5.221	57	1114801	9.529	ppbv	98
27) Carbon Disulfide	4.131	76	1419577	9.702	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	899567	9.988	ppbv	100
29) Chloroform	5.285	83	1793295	8.999	ppbv	100
30) Cyclohexane	6.610	84	946507	10.040	ppbv	97
31) cis-1,2-Dichloroethene	5.086	61	1151004	10.283	ppbv	94
32) 1,1,1-Trichloroethane	6.012	97	1782179	9.060	ppbv	99
34) 2-Butanone	4.793	43	1495319	10.197	ppbv	97
35) Carbon Tetrachloride	6.504	117	1818150	8.773	ppbv	98
36) Benzene	6.382	78	2406199	9.947	ppbv	96
37) 1,2-Dichloroethane	5.816	62	1331148	8.447	ppbv	98
38) Trichloroethene	7.304	130	950519	10.371	ppbv	96
39) 1,2-Dichloropropane	7.082	63	926321	9.933	ppbv	92
40) 1,4-Dioxane	7.298	88	287852	10.898	ppbv #	100
41) Tetrahydrofuran	5.565	42	892472	11.134	ppbv	99
42) Bromodichloromethane	7.259	83	1961303	9.038	ppbv	99
43) Methyl Methacrylate	7.484	69	977907	11.253	ppbv	97
44) 2,2,4-Trimethylpentane	7.336	57	3885124	9.828	ppbv	97
45) t-1,3-Dichloropropene	8.722	75	687971	10.722	ppbv	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

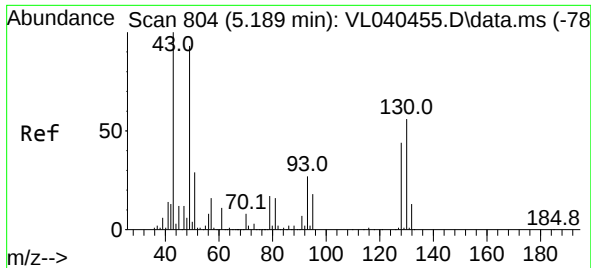
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

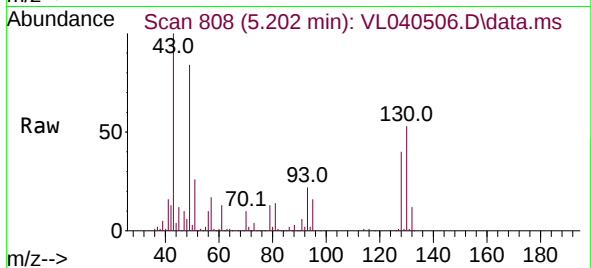
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	840968	10.751	ppbv	92
47) 1,1,2-Trichloroethane	8.909	97	1003390	9.790	ppbv	98
48) Dibromochloromethane	9.722	129	1684752	10.282	ppbv	99
49) Bromoform	12.423	173	1401897	11.308	ppbv	100
50) 4-Methyl-2-Pentanone	8.192	43	2258296	11.498	ppbv	96
51) 2-Hexanone	9.561	43	1722535	12.633	ppbv #	95
52) Tetrachloroethene	10.626	164	863481	11.368	ppbv	99
53) Toluene	9.230	91	2805305	11.011	ppbv	100
54) 1,2-Dibromoethane	10.021	107	1379084	10.264	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.520	131	1245580	9.028	ppbv	99
57) Chlorobenzene	11.536	112	2191505	9.877	ppbv	94
58) Ethyl Benzene	12.102	91	3803282	10.694	ppbv	96
59) m/p-Xylene	12.384	91	6433871m	19.684	ppbv	
60) o-Xylene	13.069	91	3066943	9.892	ppbv	98
61) Styrene	12.912	104	1659366	12.437	ppbv	97
62) Isopropylbenzene	14.040	105	4556156	9.886	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	2124742	10.584	ppbv	99
64) n-propylbenzene	14.931	120	1222083	10.444	ppbv	93
65) tert-Butylbenzene	16.101	119	4056621	10.260	ppbv	95
66) Benzyl Chloride	16.336	91	320310	10.512	ppbv	95
67) sec-Butylbenzene	16.648	105	5832867	10.117	ppbv	99
69) p-Isopropyltoluene	17.005	119	4954335	10.813	ppbv	98
70) n-Butylbenzene	17.896	91	5436083	10.629	ppbv	98
71) 2-Chlorotoluene	14.812	91	3565536	10.419	ppbv	98
72) 4-Ethyltoluene	15.204	105	3761898	10.773	ppbv	97
73) 1,3,5-Trimethylbenzene	15.362	105	3267910	10.588	ppbv	97
74) 1,2,4-Trimethylbenzene	16.117	105	3605174	9.929	ppbv	94
75) 1,3-Dichlorobenzene	16.343	146	2193826	10.772	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	2184187	11.029	ppbv	98
77) 1,2-Dichlorobenzene	17.153	146	2128490	11.063	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1858965	12.528	ppbv	100
79) Naphthalene	21.394	128	3823227	18.283	ppbv	99
80) Naphthalene,2-methyl-	24.378	142	1751952	27.919	ppbv	96
81) 1,2,4-Trichlorobenzene	21.149	180	2239038	17.285	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 804
Delta R.T. 0.013 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

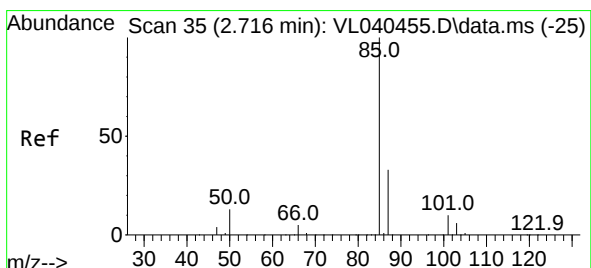
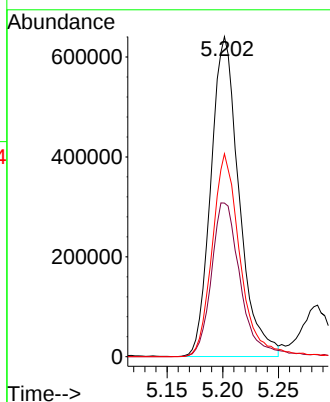
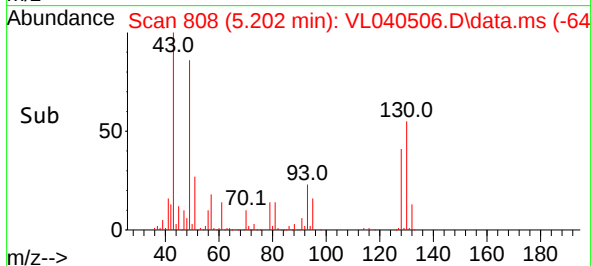
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



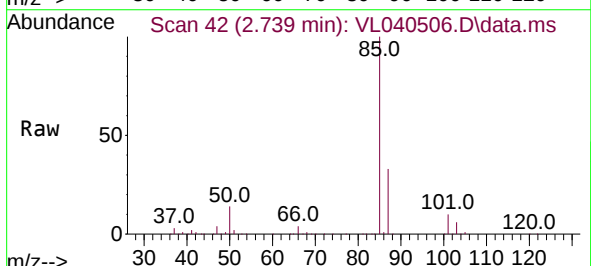
Tgt Ion: 49 Resp: 113044
Ion Ratio Lower Upper
49 100
128 50.3 24.7 74.1
130 63.1 31.4 94.2

Manual Integrations
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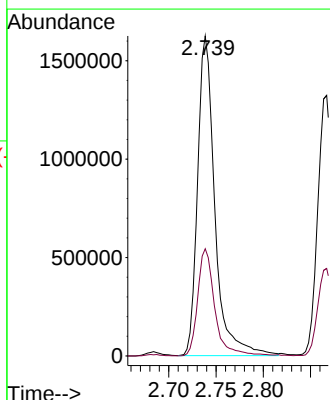
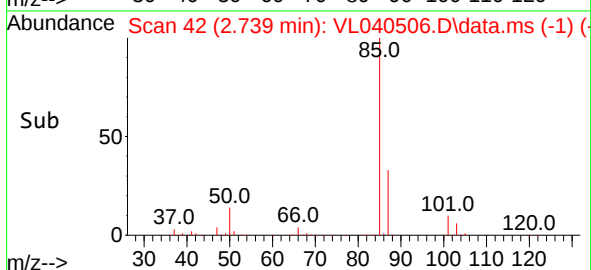
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

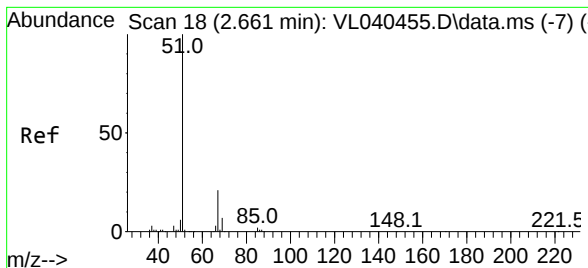


#2
Dichlorodifluoromethane
Concen: 8.388 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.023 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48



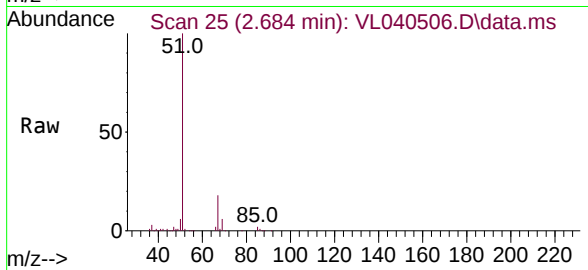
Tgt Ion: 85 Resp: 2063572
Ion Ratio Lower Upper
85 100
87 33.5 26.6 39.8





#3
Chlorodifluoromethane
Concen: 8.958 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

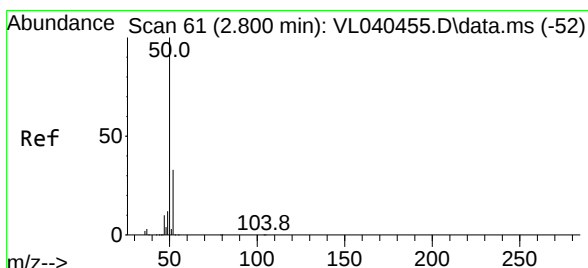
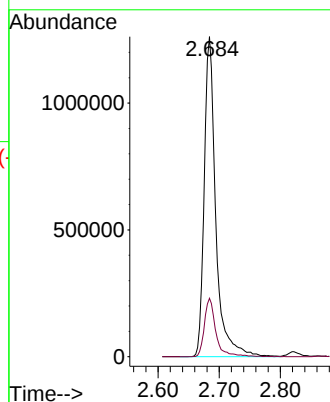
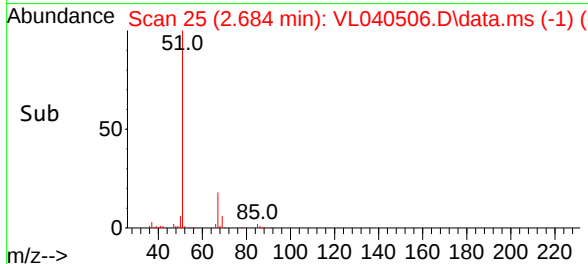
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 51 Resp: 165846
Ion Ratio Lower Upper
51 100
67 18.2 16.3 24.5

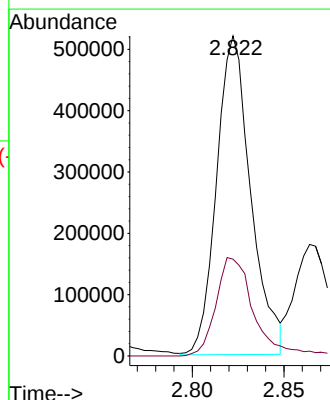
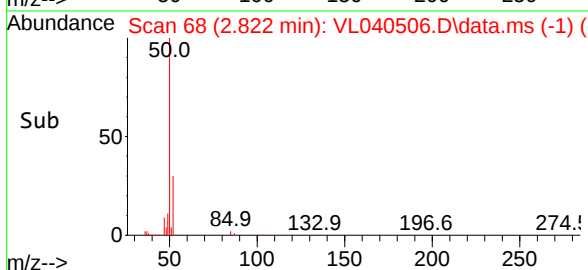
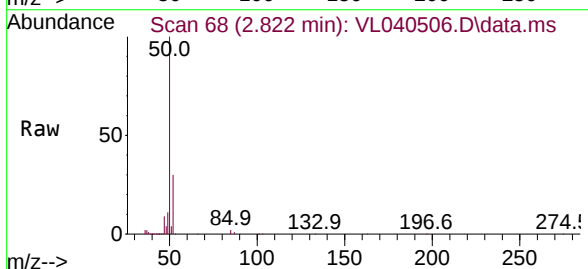
Manual Integrations
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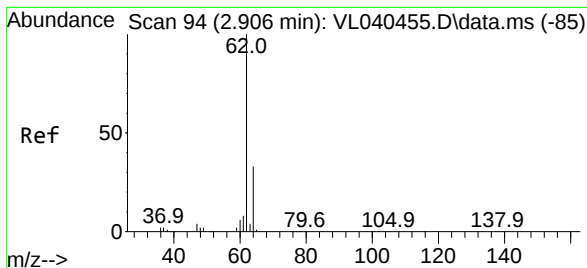
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#4
Chloromethane
Concen: 9.407 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.023 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

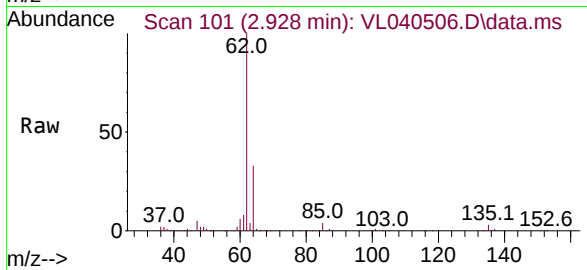
Tgt Ion: 50 Resp: 674207
Ion Ratio Lower Upper
50 100
52 30.5 26.3 39.5





#5
 Vinyl Chloride
 Concen: 9.568 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.023 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

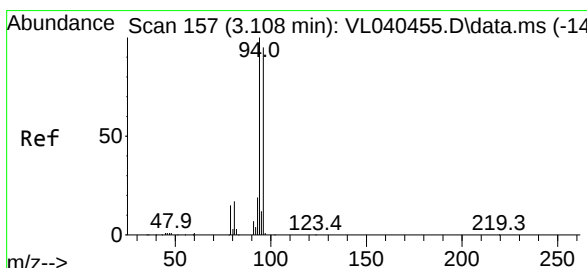
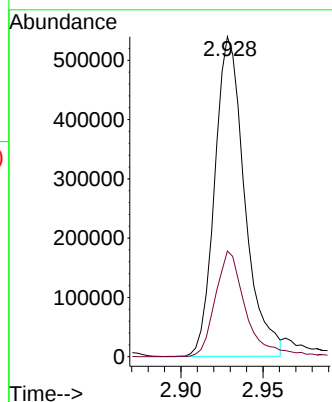
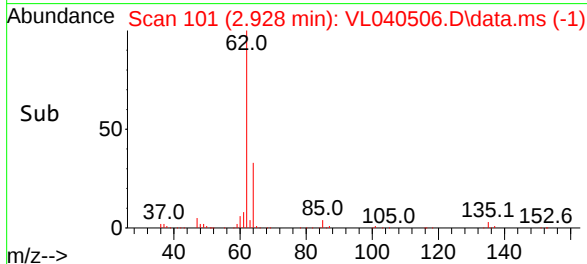
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 62 Resp: 684360
 Ion Ratio Lower Upper
 62 100
 64 33.0 26.8 40.2

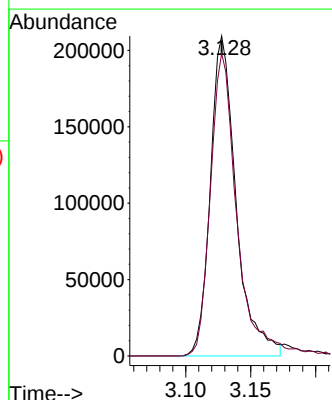
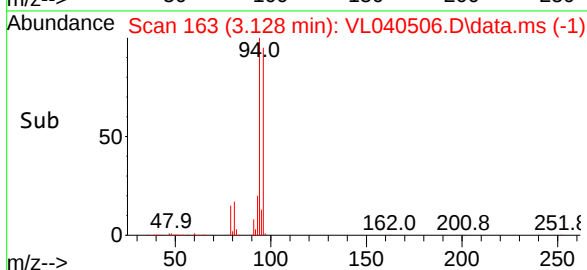
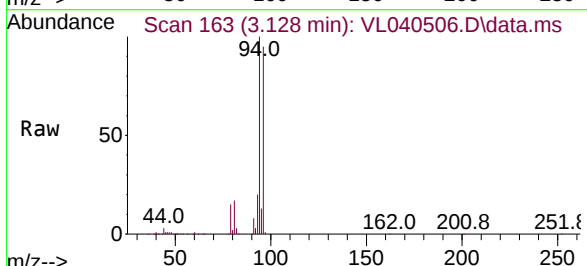
Manual Integrations
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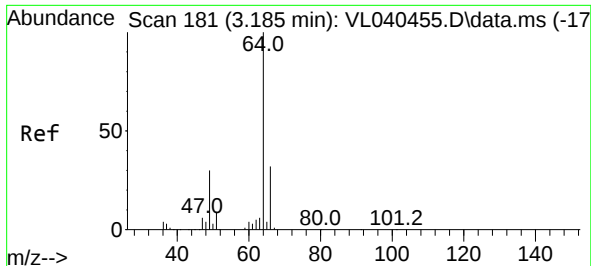
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#6
 Bromomethane
 Concen: 7.786 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. 0.019 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

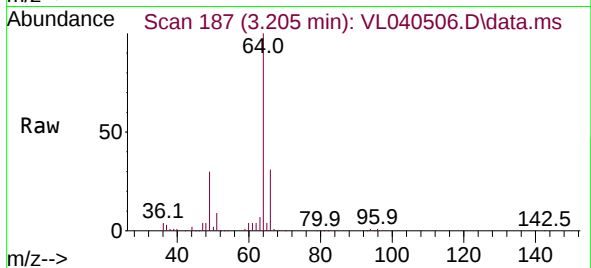
Tgt Ion: 94 Resp: 288315
 Ion Ratio Lower Upper
 94 100
 96 94.6 75.8 113.8





#7
Chloroethane
Concen: 9.149 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

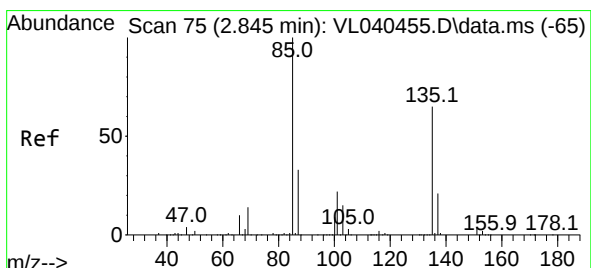
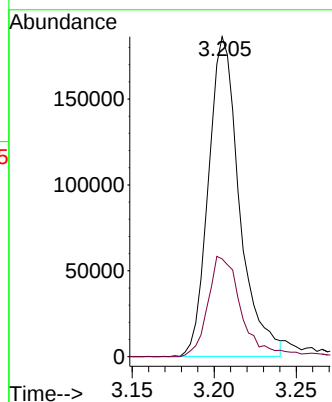
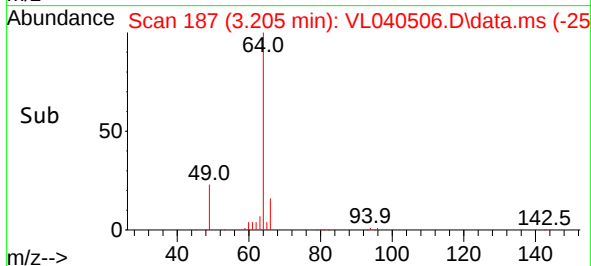
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 244402
Ion Ratio Lower Upper
64 100
66 30.5 25.6 38.4

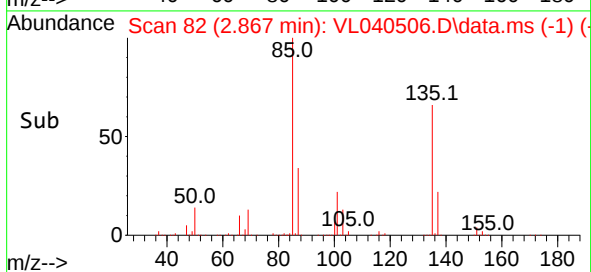
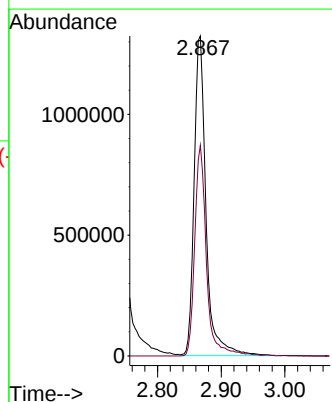
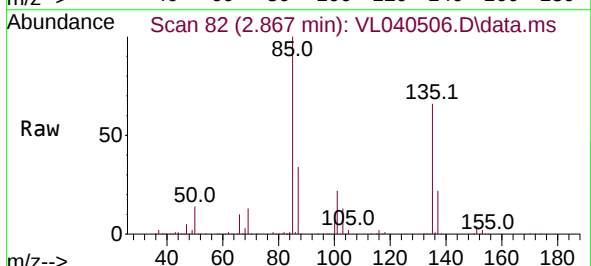
Manual Integrations
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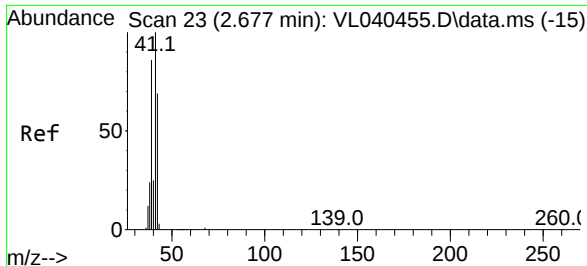
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#8
Dichlorotetrafluoroethane
Concen: 8.859 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.023 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

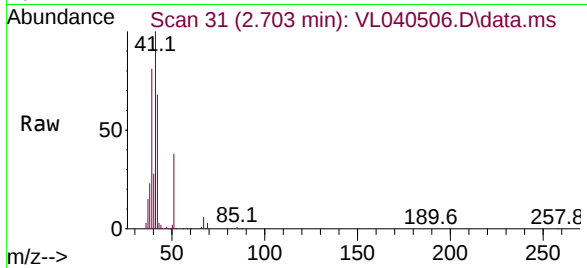
Tgt Ion: 85 Resp: 1721283
Ion Ratio Lower Upper
85 100
135 65.5 52.0 78.0





#9
 Propene
 Concen: 10.100 ppbv
 RT: 2.703 min Scan# 31
 Delta R.T. 0.026 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

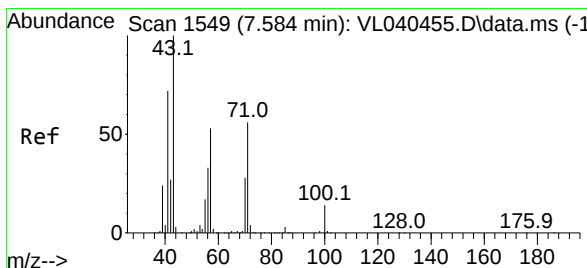
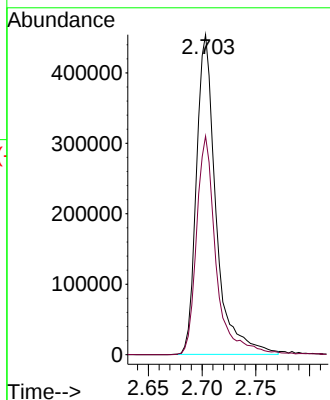
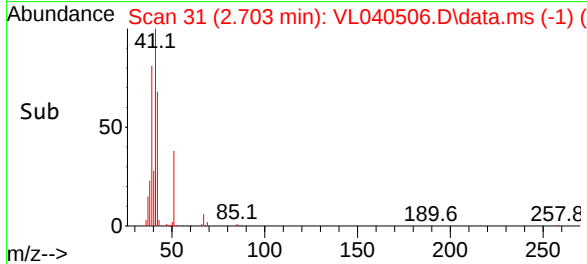
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



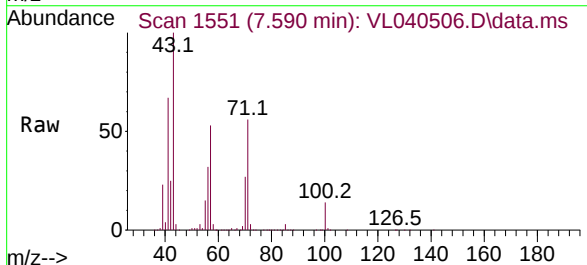
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 Ion Ratio Lower Upper
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Manual Integrations
 APPROVED

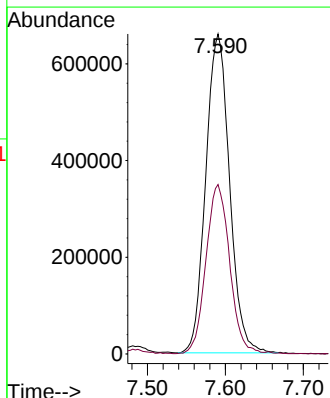
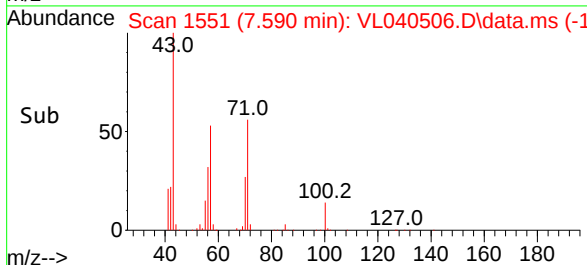
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

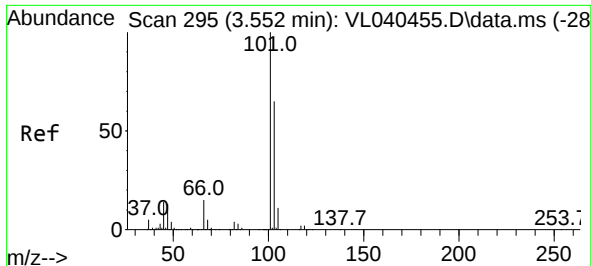


#10
 Heptane
 Concen: 10.817 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.006 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48



Tgt Ion: 43 Resp: 1397960
 Ion Ratio Lower Upper
 43 100
 57 53.1 42.5 63.7





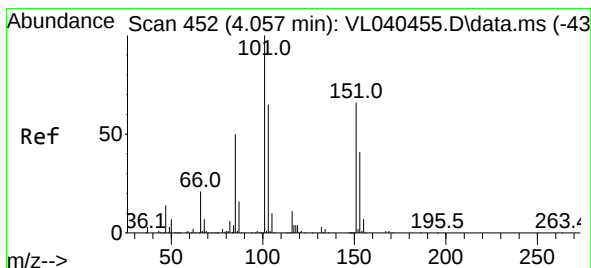
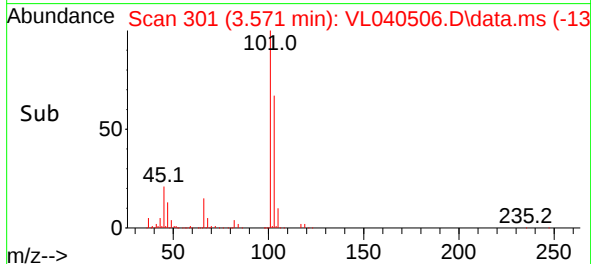
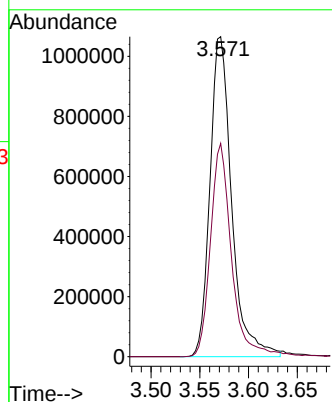
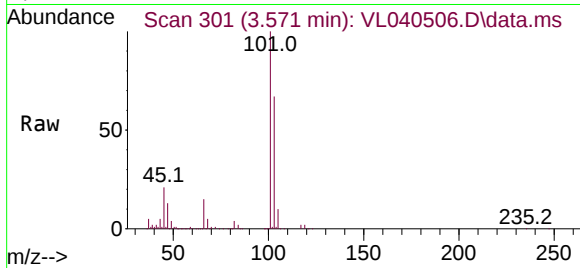
#11
 Trichlorofluoromethane
 Concen: 8.234 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.019 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:101 Resp: 1649730
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.7 77.5

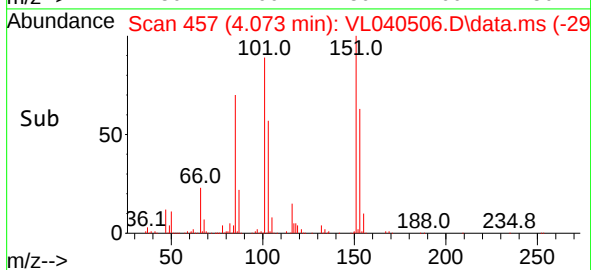
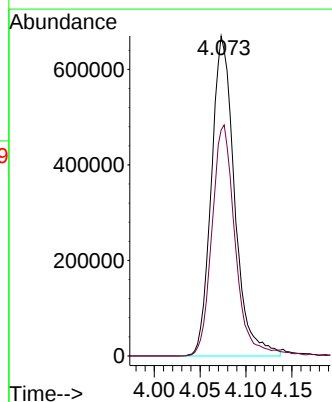
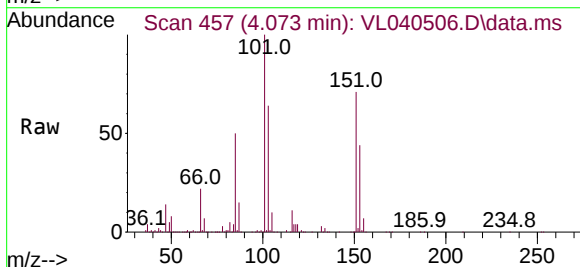
Manual Integrations
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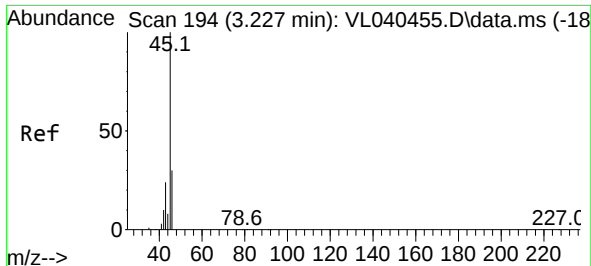
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.426 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.016 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

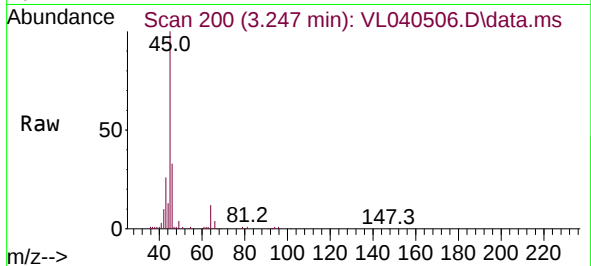
Tgt Ion:101 Resp: 1179122
 Ion Ratio Lower Upper
 101 100
 151 72.8 54.3 81.5





#13
Ethanol
Concen: 9.482 ppbv
RT: 3.247 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

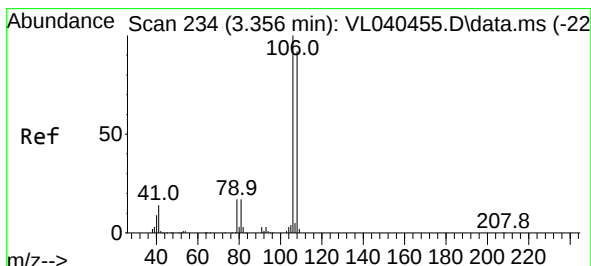
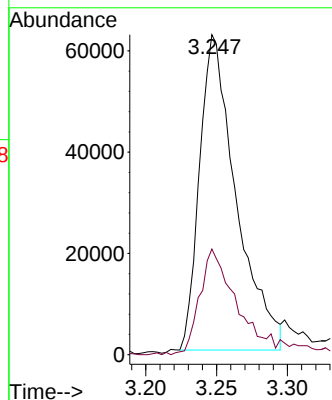
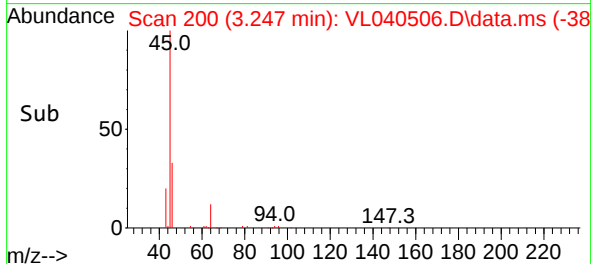
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



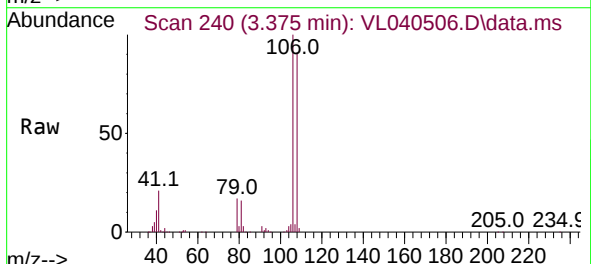
Tgt Ion: 45 Resp: 11211
Ion Ratio Lower Upper
45 100
46 38.2 14.5 58.1

Manual Integrations
APPROVED

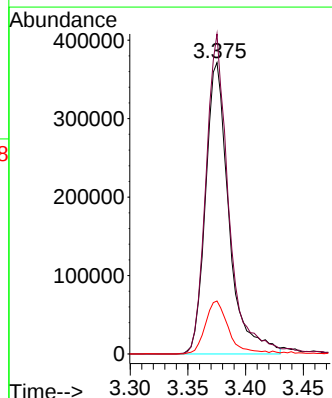
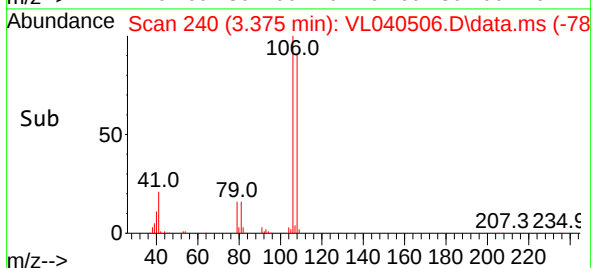
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

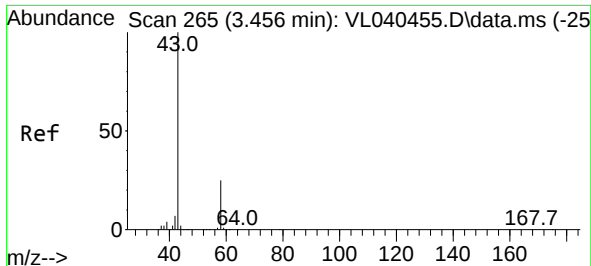


#14
Bromoethene
Concen: 8.942 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.019 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48



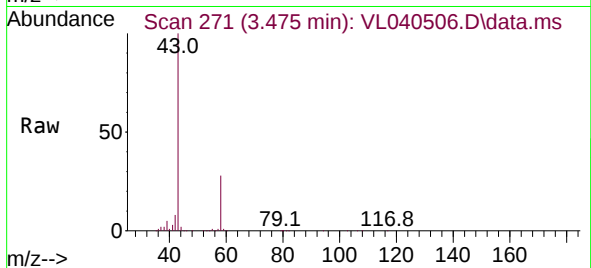
Tgt Ion:108 Resp: 523456
Ion Ratio Lower Upper
108 100
106 109.0 87.4 131.0
79 19.1 15.9 23.9





#15
Acetone
Concen: 8.569 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

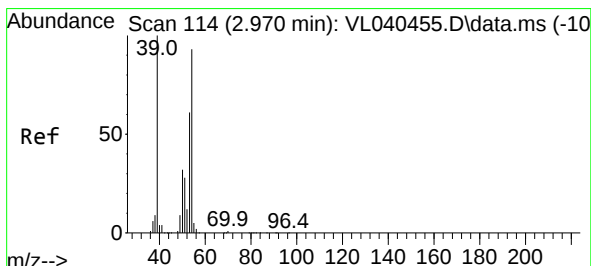
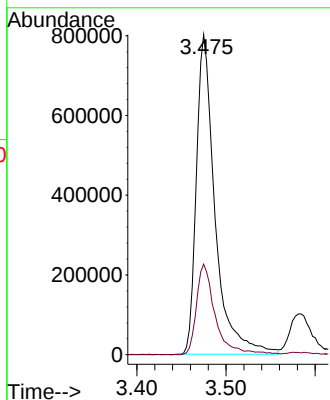
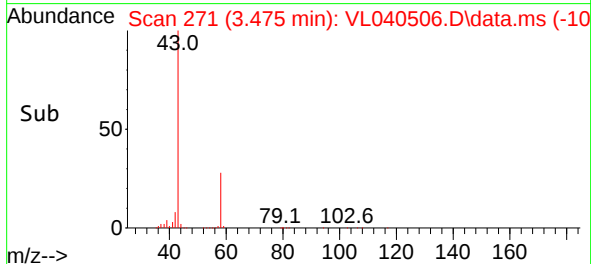
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



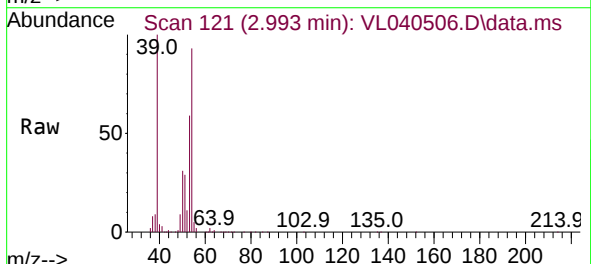
Tgt Ion: 43 Resp: 116842
Ion Ratio Lower Upper
43 100
58 28.6 21.6 32.4

Manual Integrations
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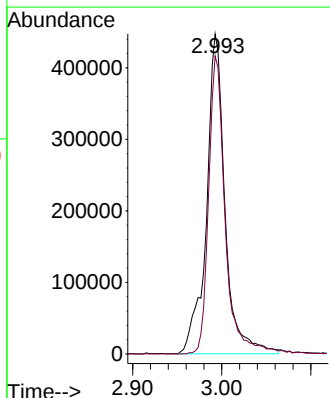
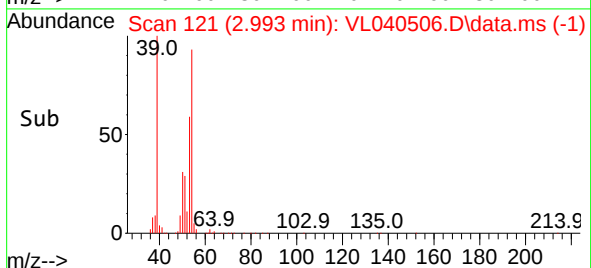
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

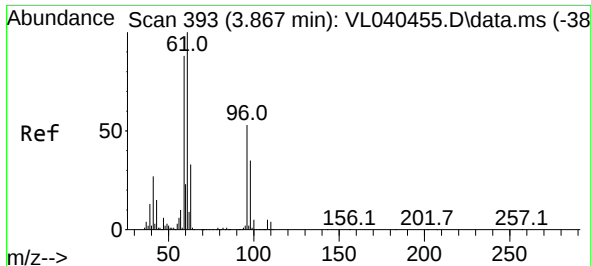


#16
1,3-Butadiene
Concen: 9.784 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.023 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48



Tgt Ion: 39 Resp: 649295
Ion Ratio Lower Upper
39 100
54 83.3 66.9 100.3





#17

tert-Butyl alcohol

Concen: 11.748 ppbv

RT: 3.883 min Scan# 393

Delta R.T. 0.016 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 131678

Ion Ratio Lower Upper

59 100

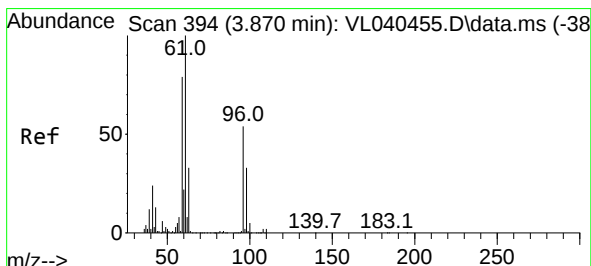
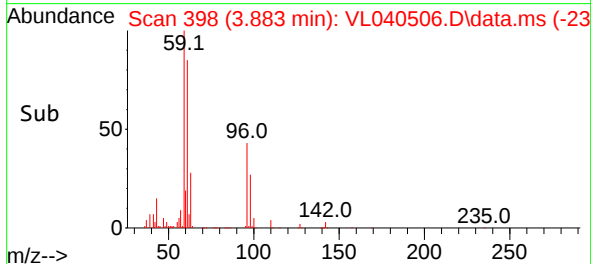
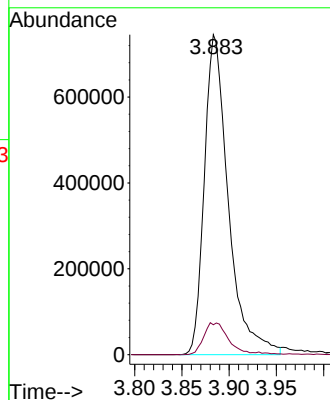
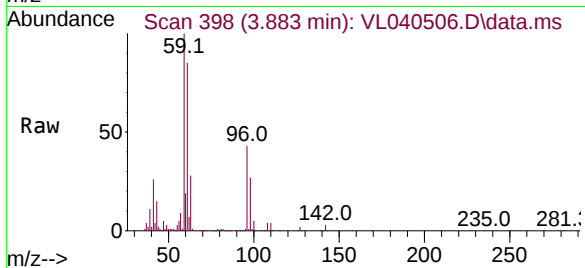
57 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#18

1,1-Dichloroethene

Concen: 8.852 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.019 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

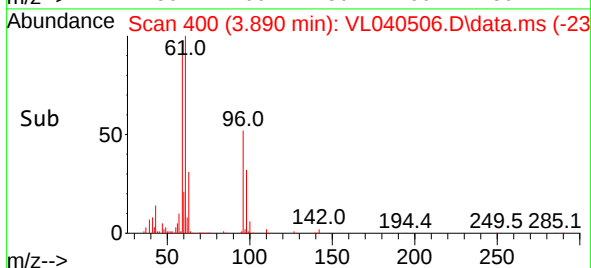
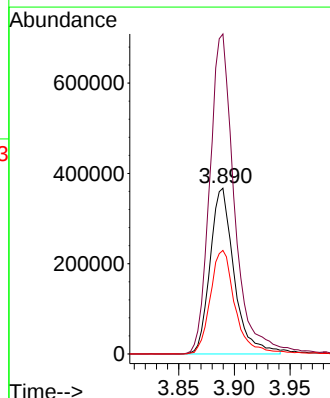
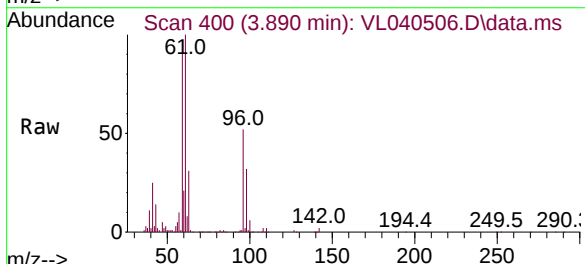
Tgt Ion: 96 Resp: 551979

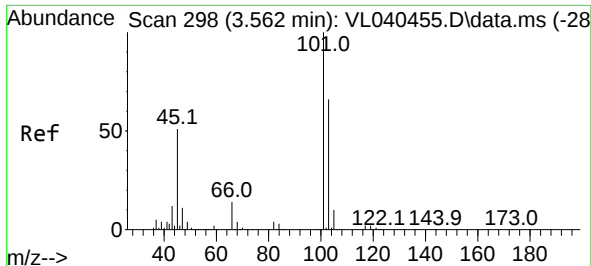
Ion Ratio Lower Upper

96 100

61 193.0 149.5 224.3

98 62.5 48.7 73.1





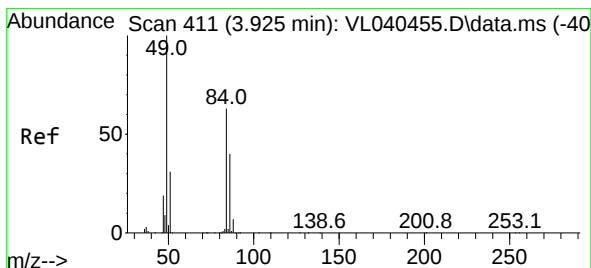
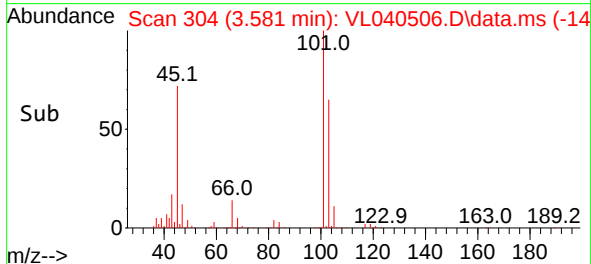
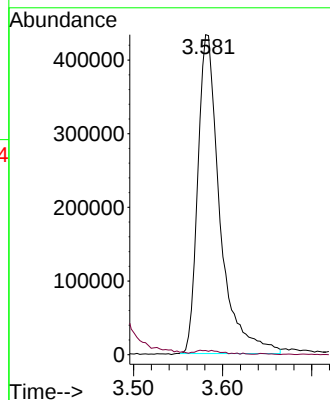
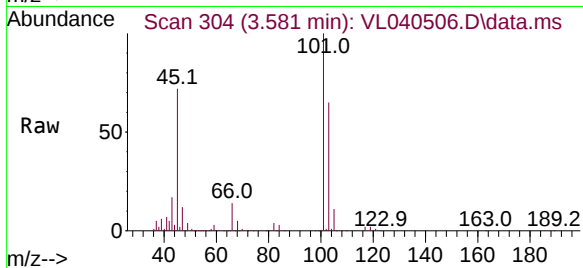
#19
Isopropyl Alcohol
Concen: 11.333 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.019 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 744782
Ion Ratio Lower Upper
45 100
58 1.4 2.6 4.0

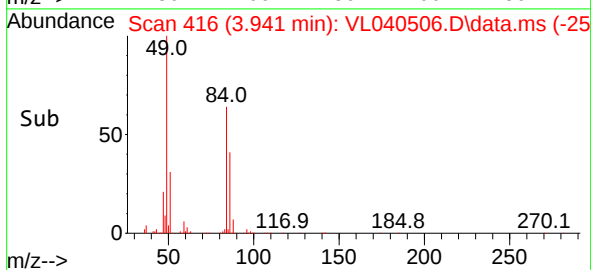
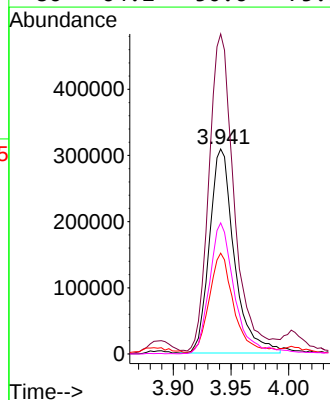
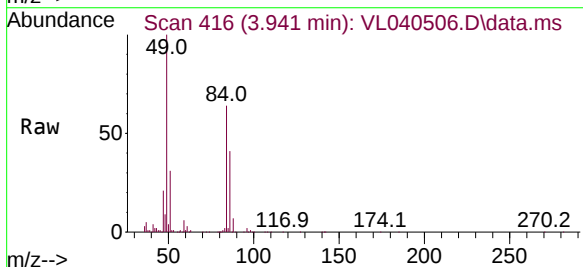
Manual Integrations
APPROVED

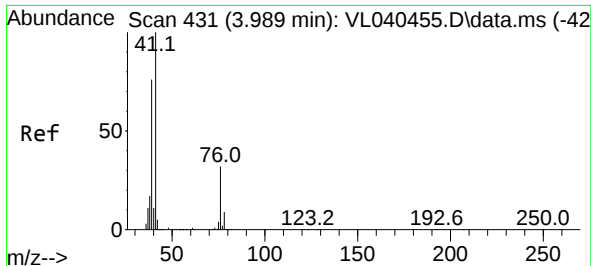
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#20
Methylene Chloride
Concen: 7.933 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.016 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

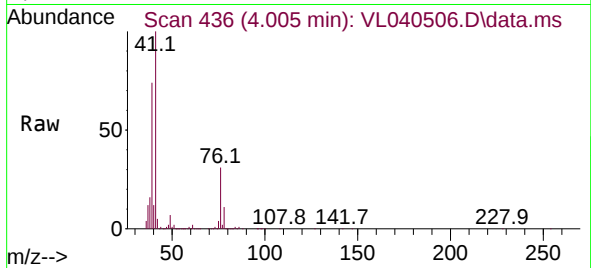
Tgt Ion: 84 Resp: 461637
Ion Ratio Lower Upper
84 100
49 154.3 126.2 189.2
51 47.9 38.7 58.1
86 64.2 50.6 75.8





#21
 Allyl Chloride
 Concen: 9.307 ppbv
 RT: 4.005 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

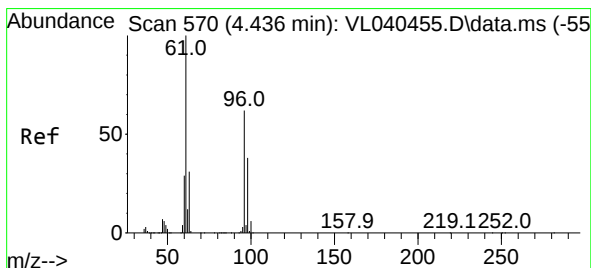
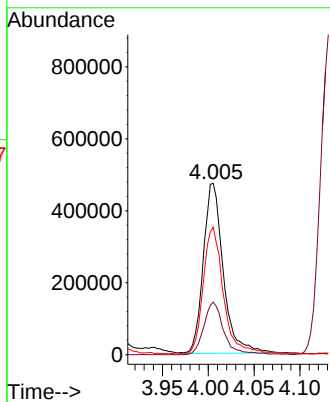
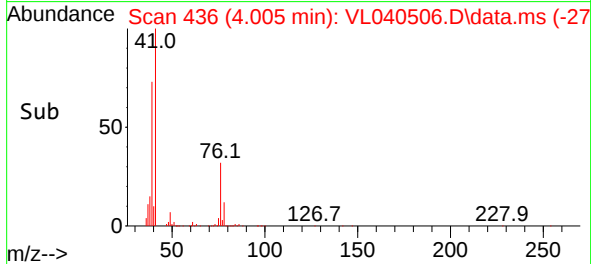
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 41 Resp: 71676
 Ion Ratio Lower Upper
 41 100
 76 31.0 26.1 39.1
 39 75.8 63.9 95.9

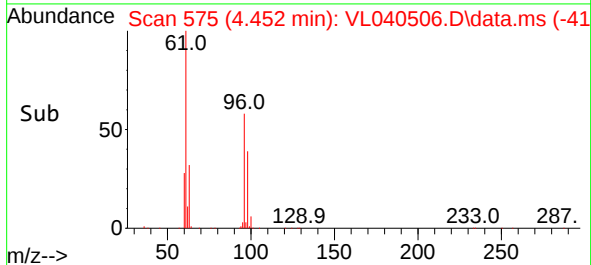
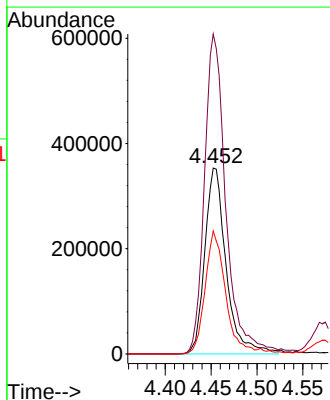
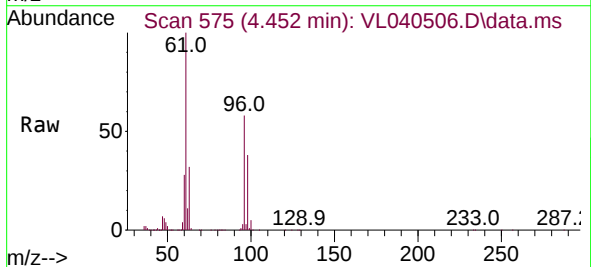
Manual Integrations
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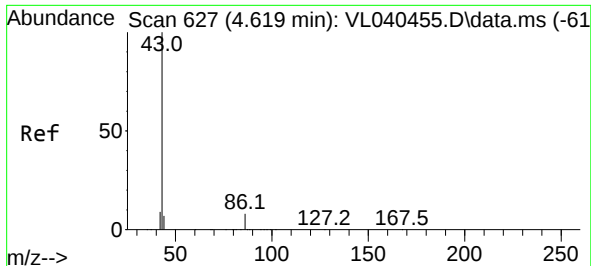
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#22
 trans-1,2-Dichloroethene
 Concen: 8.949 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.016 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

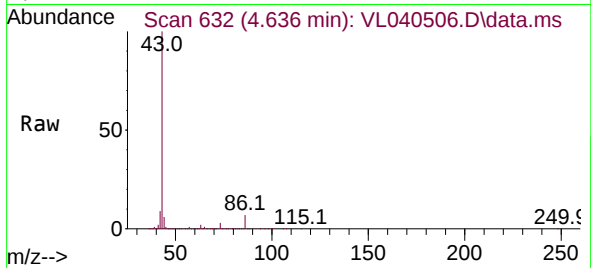
Tgt Ion: 96 Resp: 572562
 Ion Ratio Lower Upper
 96 100
 61 172.1 128.1 192.1
 98 66.1 48.2 72.4





#23
 Vinyl Acetate
 Concen: 9.627 ppbv
 RT: 4.636 min Scan# 612
 Delta R.T. 0.016 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

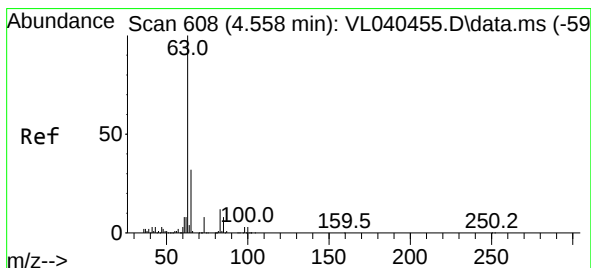
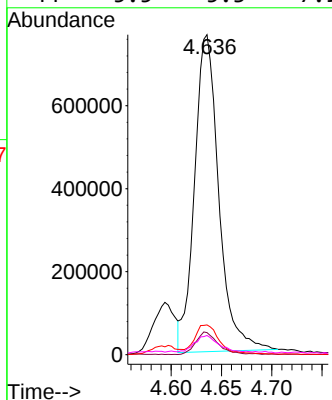
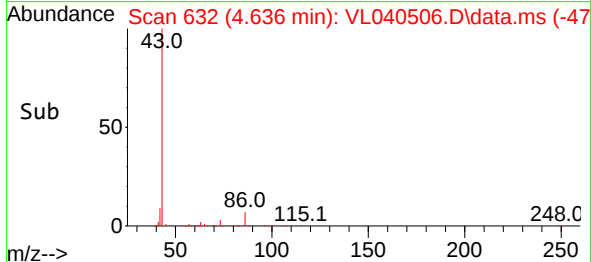
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



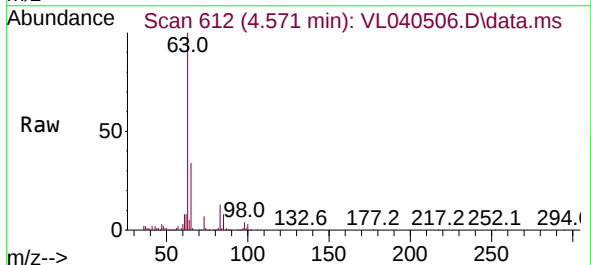
Tgt Ion: 43 Resp: 128210
 Ion Ratio Lower Upper
 43 100
 86 7.0 5.8 8.6
 42 9.3 7.4 11.2
 44 5.5 5.3 7.9

Manual Integrations
 APPROVED

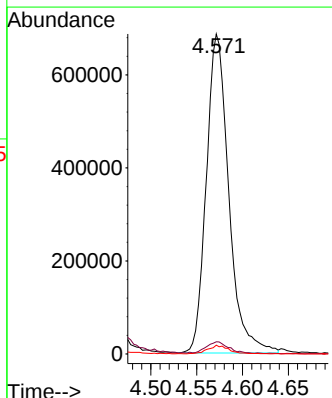
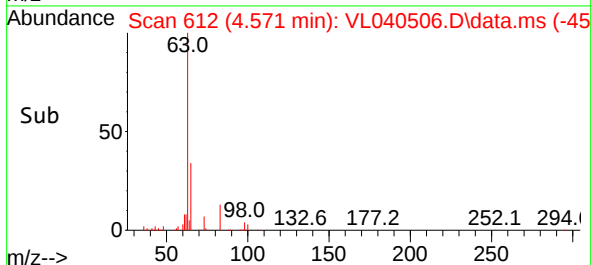
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

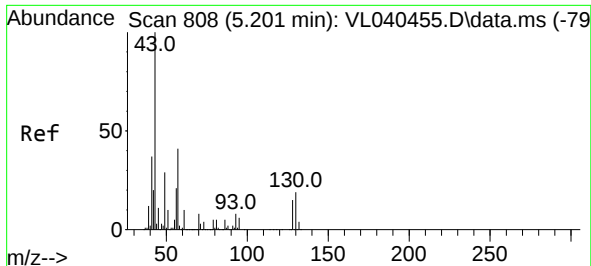


#24
 1,1-Dichloroethane
 Concen: 8.749 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.013 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48



Tgt Ion: 63 Resp: 1168750
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.8 5.5
 100 2.7 1.4 4.0





#25

Ethyl Acetate

Concen: 9.833 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.010 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 242939

Ion Ratio Lower Upper

43 100

45 10.3 8.0 12.0

61 10.4 8.1 12.1

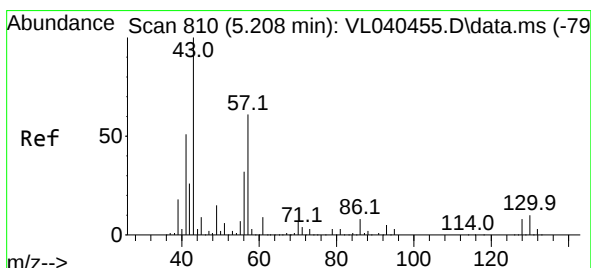
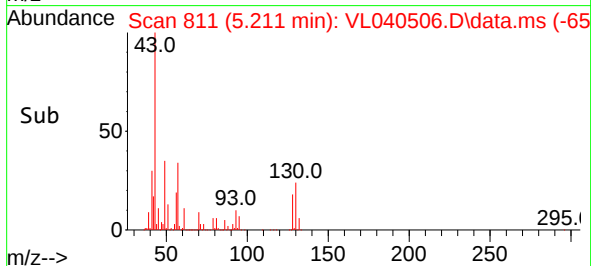
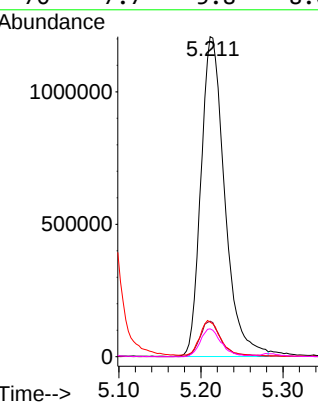
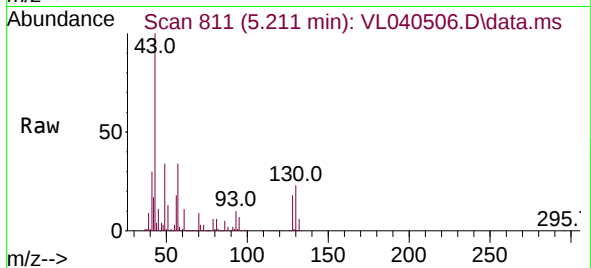
70 7.7 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#26

Hexane

Concen: 9.529 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.013 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Tgt Ion: 57 Resp: 1114801

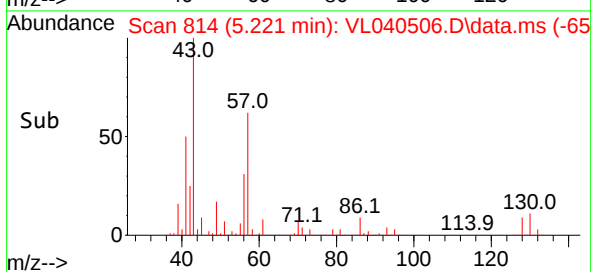
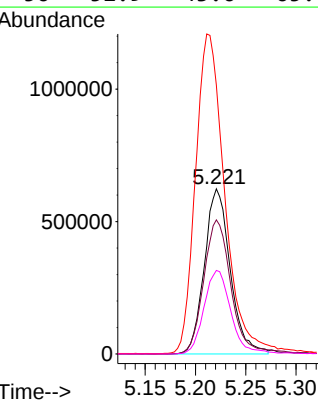
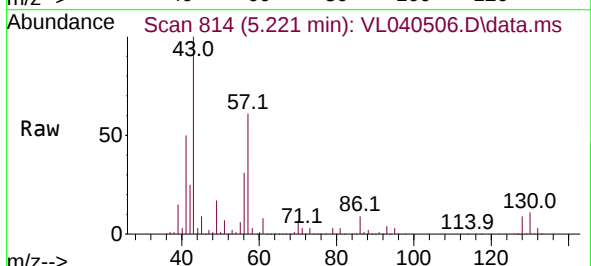
Ion Ratio Lower Upper

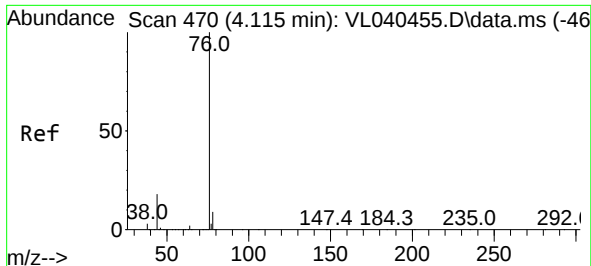
57 100

41 86.9 73.0 109.6

43 221.4 177.5 266.3

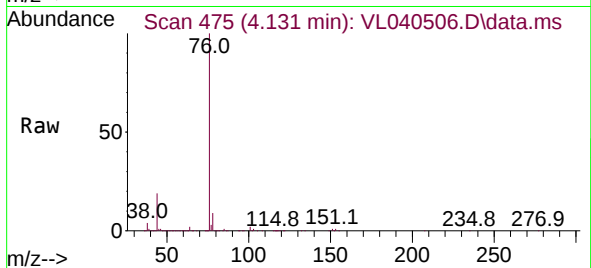
56 52.9 43.6 65.4





#27
Carbon Disulfide
Concen: 9.702 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

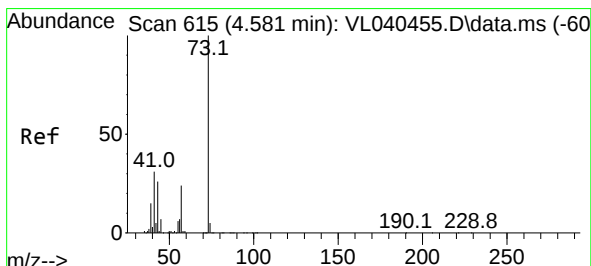
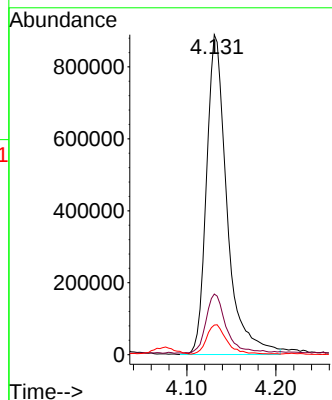
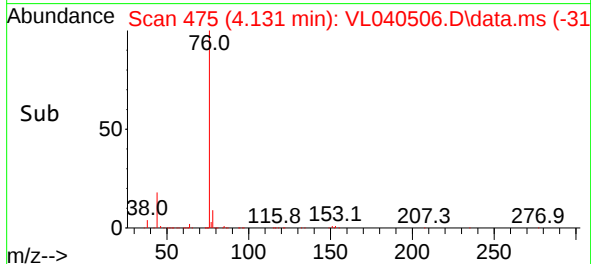
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 76 Resp: 141957
Ion Ratio Lower Upper
76 100
44 18.9 14.6 22.0
78 9.4 7.6 11.4

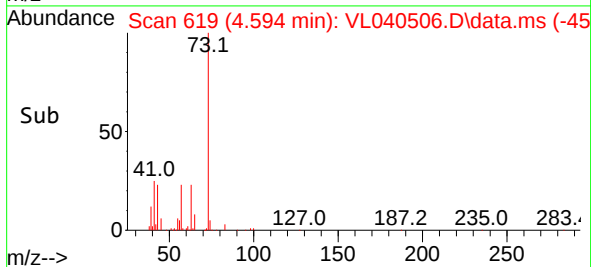
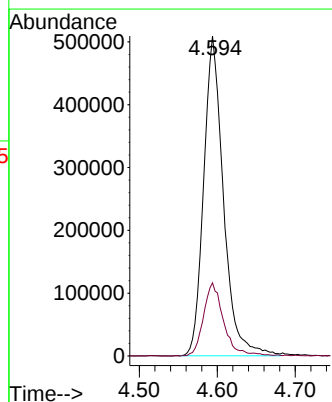
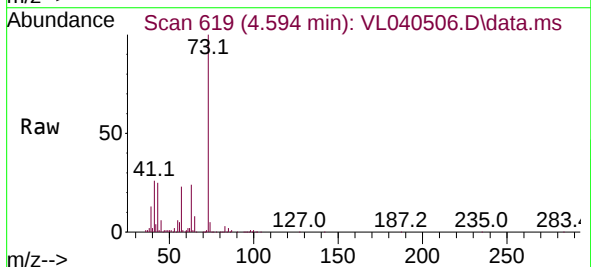
Manual Integrations
APPROVED

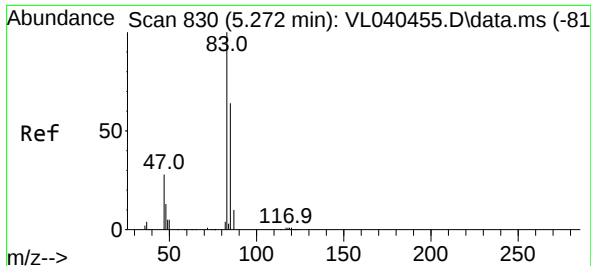
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#28
Methyl tert-Butyl Ether
Concen: 9.988 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.013 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 73 Resp: 899567
Ion Ratio Lower Upper
73 100
57 23.5 19.0 28.4





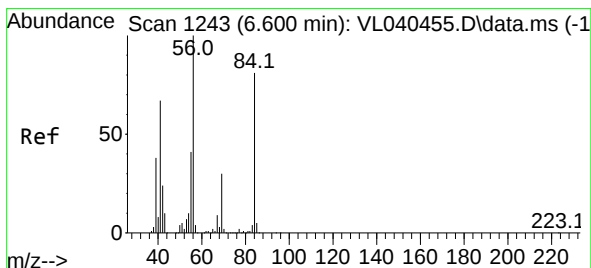
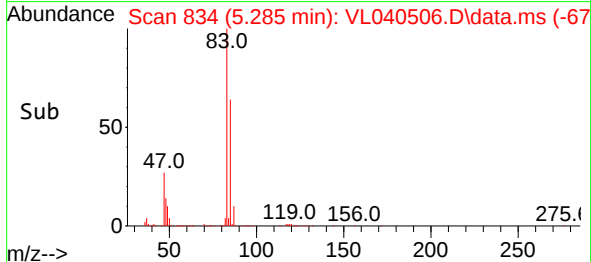
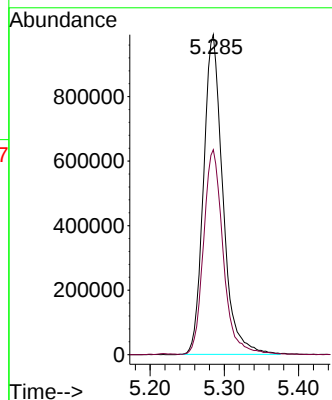
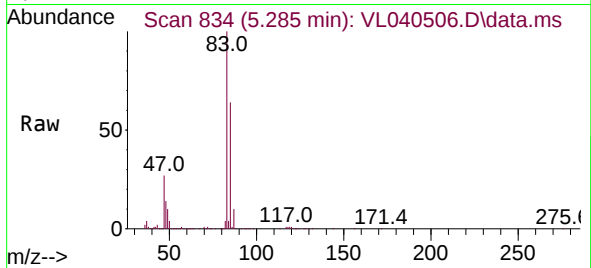
#29
Chloroform
Concen: 8.999 ppbv
RT: 5.285 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 179329
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7

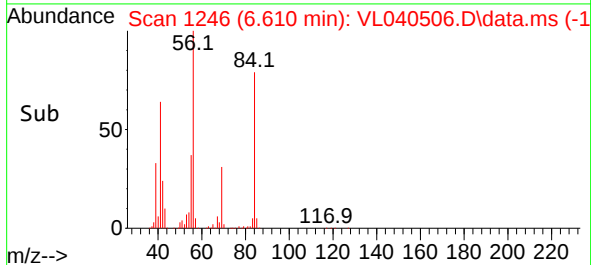
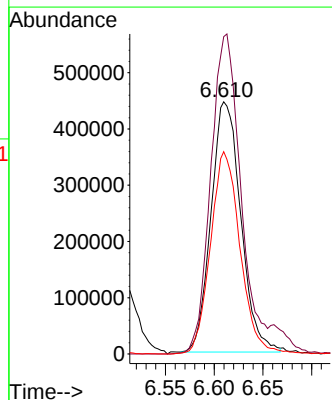
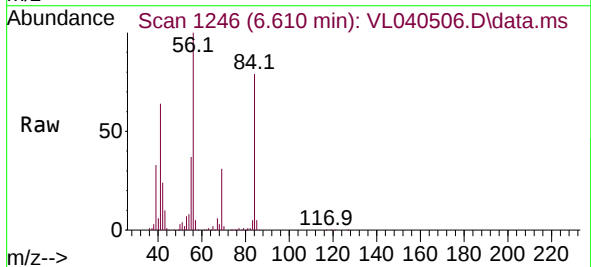
Manual Integrations
APPROVED

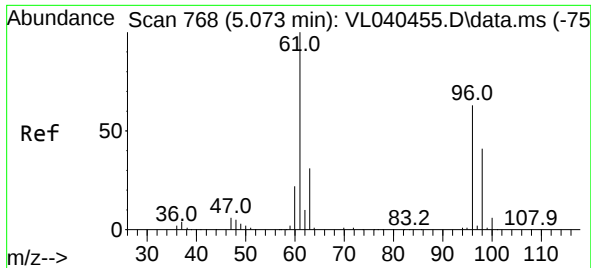
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#30
Cyclohexane
Concen: 10.040 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

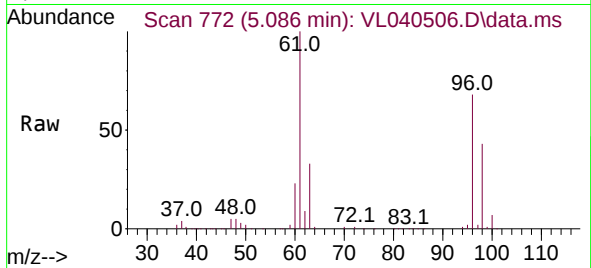
Tgt Ion: 84 Resp: 946507
Ion Ratio Lower Upper
84 100
56 135.9 106.0 159.0
41 80.6 66.8 100.2





#31
 cis-1,2-Dichloroethene
 Concen: 10.283 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

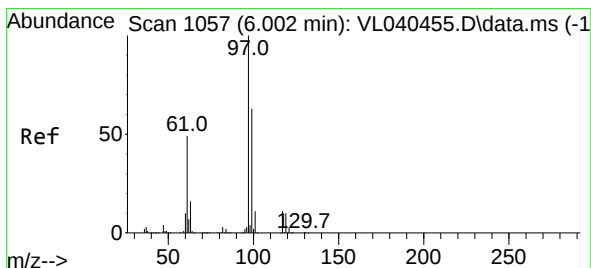
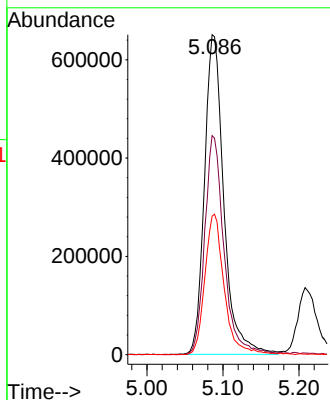
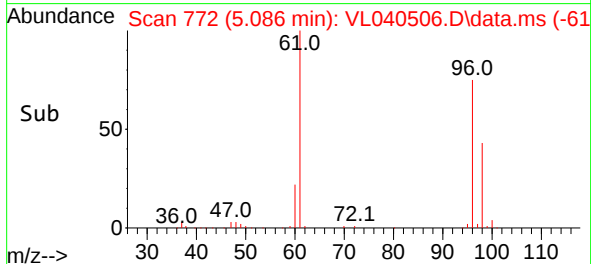
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



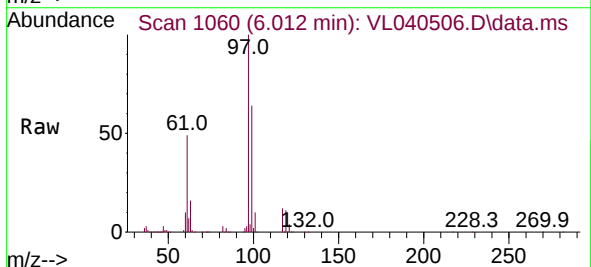
Tgt Ion: 61 Resp: 1151004
 Ion Ratio Lower Upper
 61 100
 96 68.4 50.2 75.4
 98 43.3 32.9 49.3

Manual Integrations
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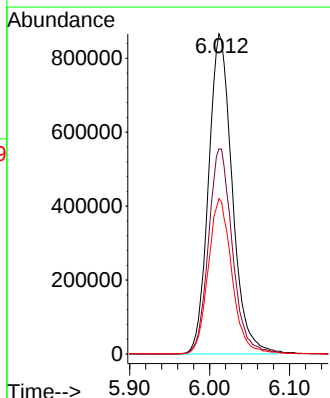
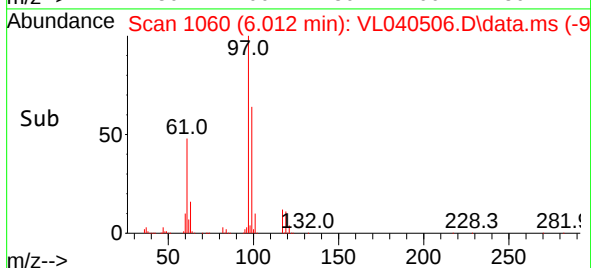
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

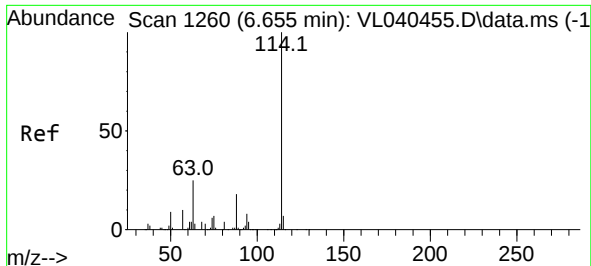


#32
 1,1,1-Trichloroethane
 Concen: 9.060 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.010 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48



Tgt Ion: 97 Resp: 1782179
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.5 77.3
 61 48.6 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 3041150

Ion Ratio Lower Upper

114 100

63 24.5 21.0 31.6

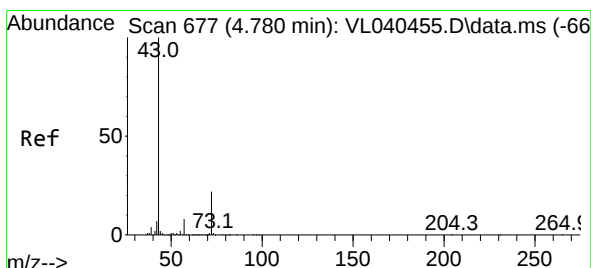
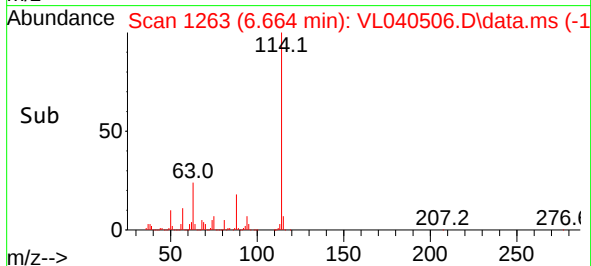
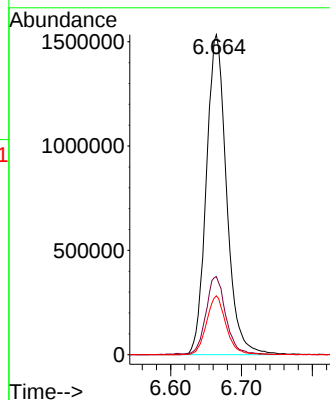
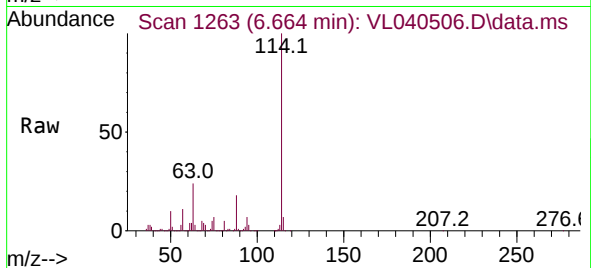
88 17.7 14.5 21.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

2-Butanone

Concen: 10.197 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.013 min

Lab File: VL040506.D

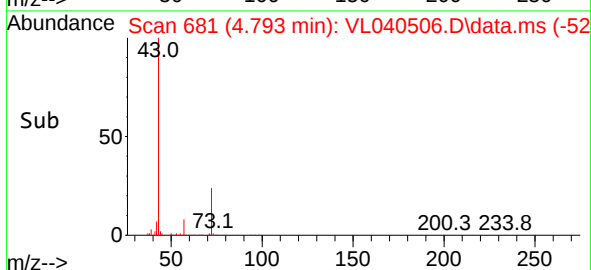
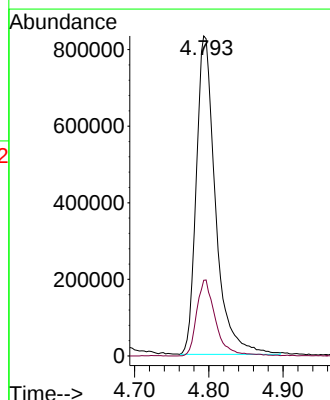
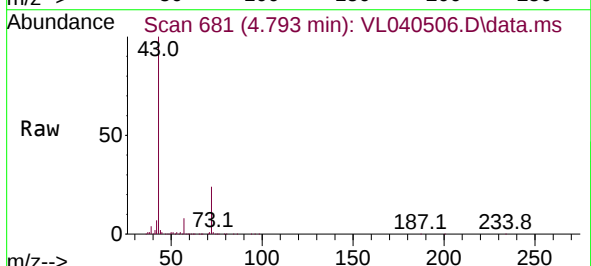
Acq: 10 Jul 2023 11:48

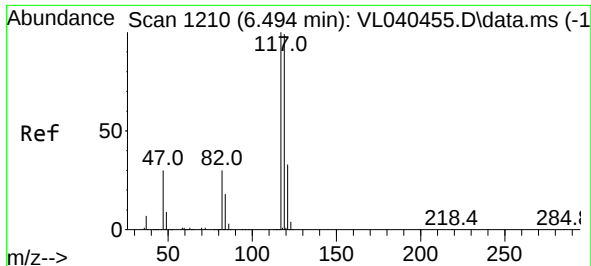
Tgt Ion: 43 Resp: 1495319

Ion Ratio Lower Upper

43 100

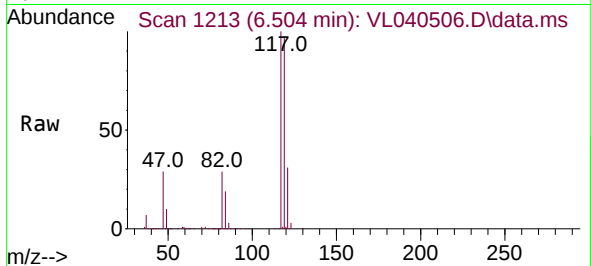
72 23.9 18.1 27.1





#35
Carbon Tetrachloride
Concen: 8.773 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. 0.010 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

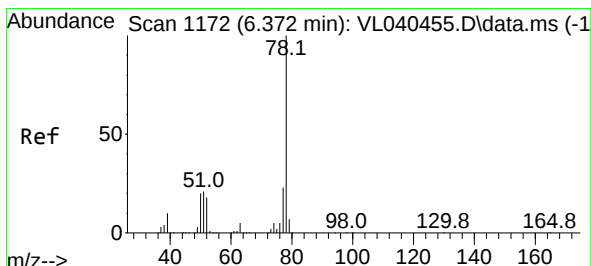
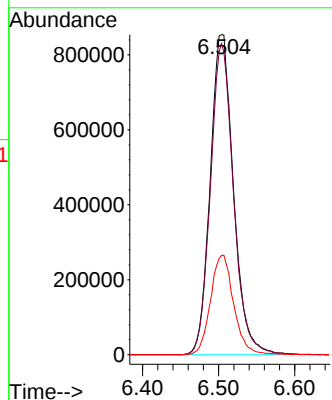
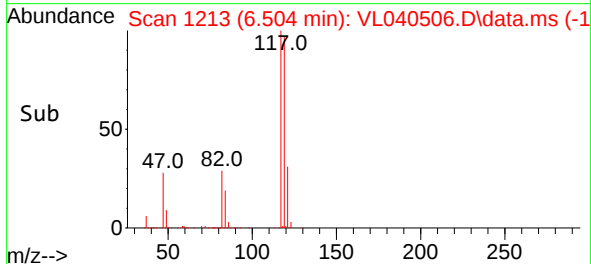
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 1818150
Ion Ratio Lower Upper
117 100
119 97.2 79.1 118.7
121 31.0 26.0 39.0

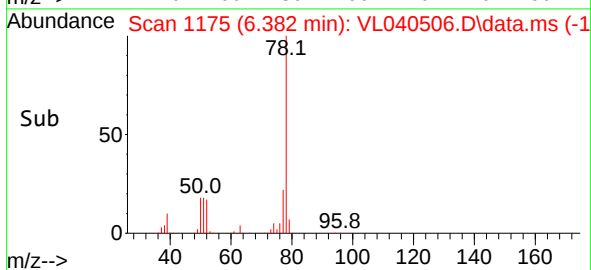
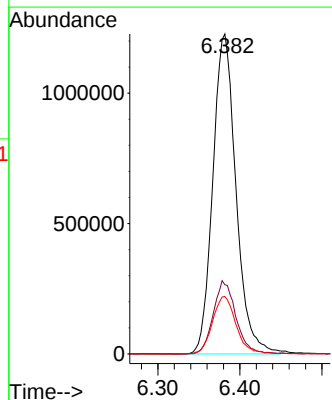
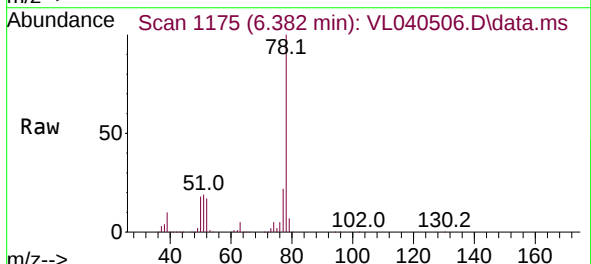
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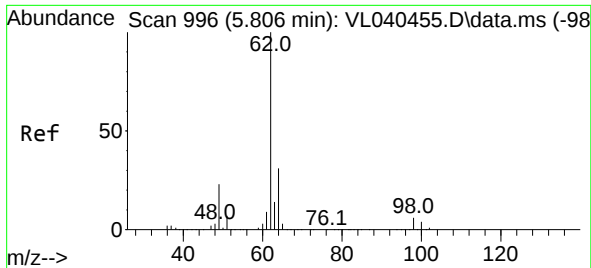
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#36
Benzene
Concen: 9.947 ppbv
RT: 6.382 min Scan# 1175
Delta R.T. 0.010 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 78 Resp: 2406199
Ion Ratio Lower Upper
78 100
77 21.7 18.5 27.7
50 18.0 16.1 24.1





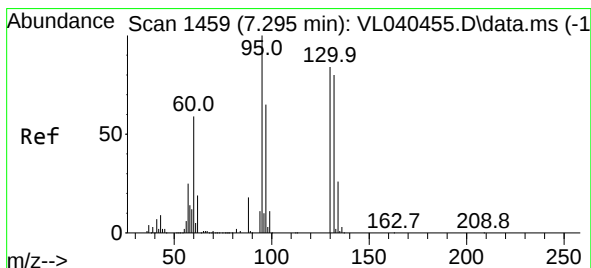
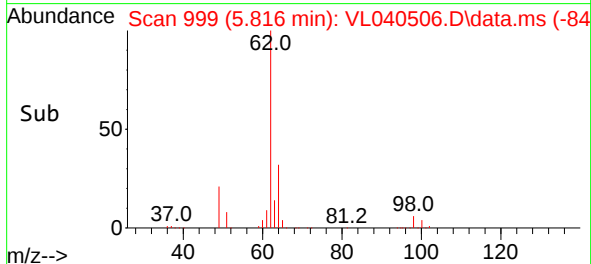
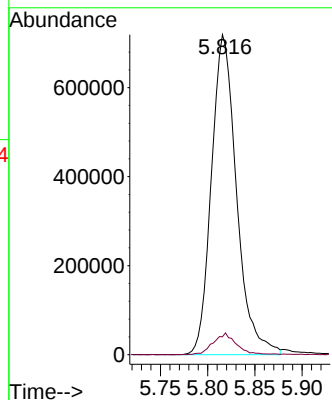
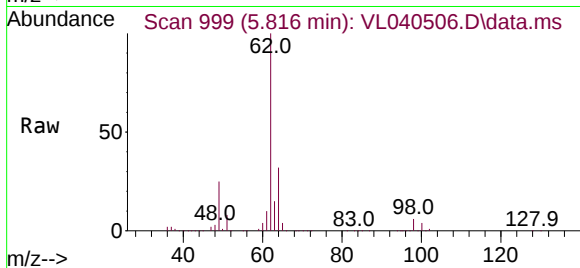
#37
1,2-Dichloroethane
Concen: 8.447 ppbv
RT: 5.816 min Scan# 996
Delta R.T. 0.010 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 1331148
Ion Ratio Lower Upper
62 100
98 6.4 4.6 6.8

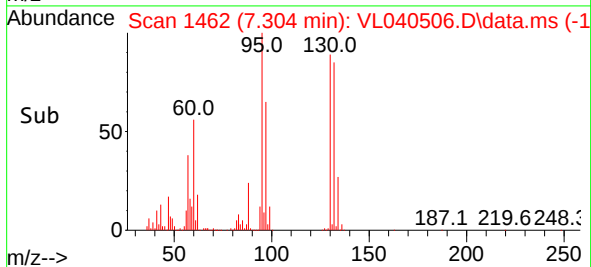
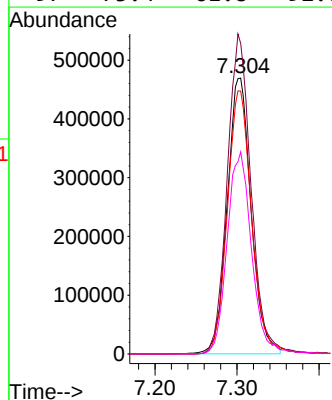
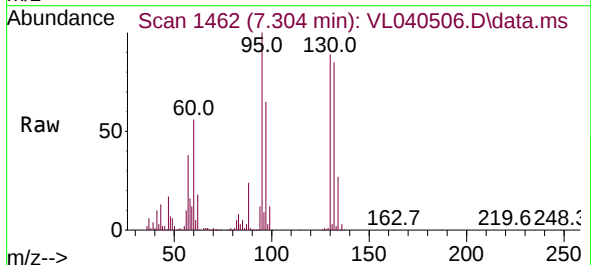
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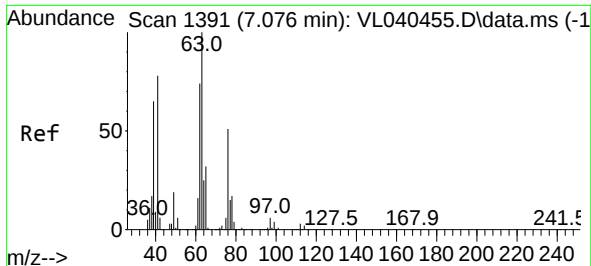
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#38
Trichloroethene
Concen: 10.371 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.010 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion:130 Resp: 950519
Ion Ratio Lower Upper
130 100
95 112.7 95.4 143.0
132 95.4 76.3 114.5
97 73.4 61.8 92.6





#39

1,2-Dichloropropane

Concen: 9.933 ppbv

RT: 7.082 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 63 Resp: 92632

Ion Ratio Lower Upper

63 100

41 67.9 62.2 93.2

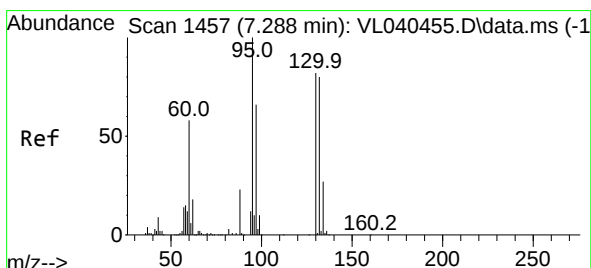
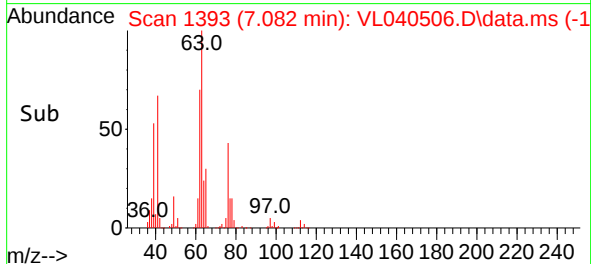
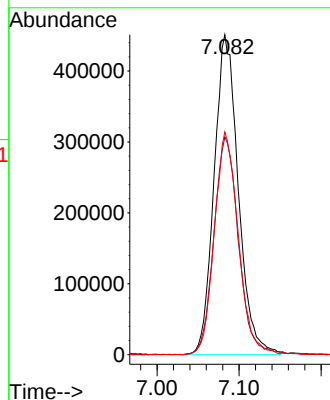
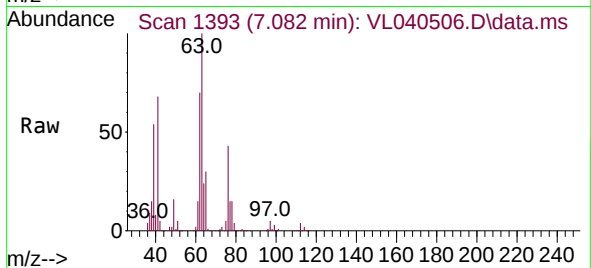
62 69.5 59.0 88.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#40

1,4-Dioxane

Concen: 10.898 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.010 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Tgt Ion: 88 Resp: 287852

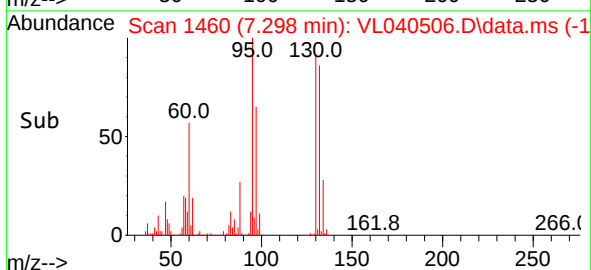
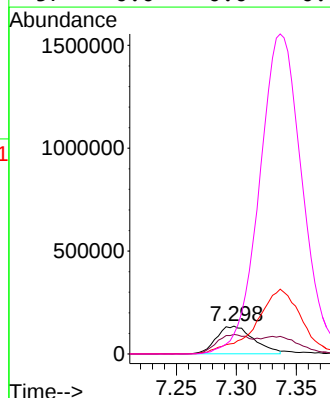
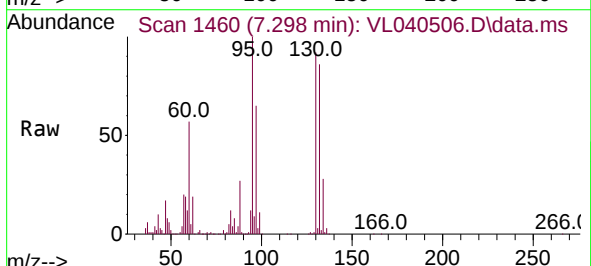
Ion Ratio Lower Upper

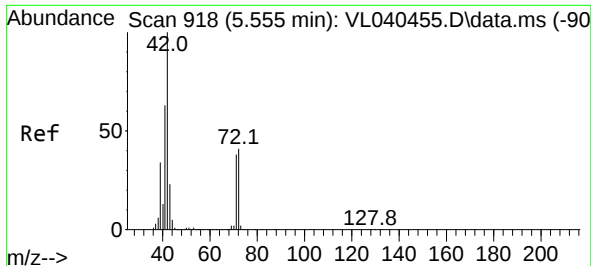
88 100

58 73.3 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 11.134 ppbv

RT: 5.565 min Scan# 918

Delta R.T. 0.010 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

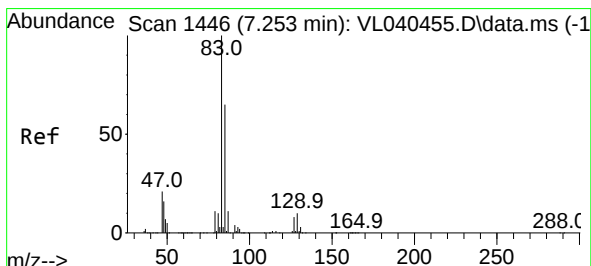
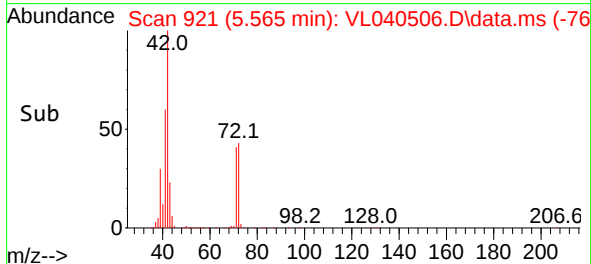
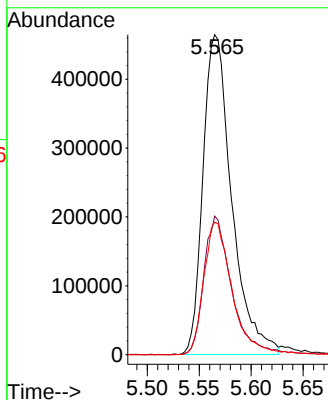
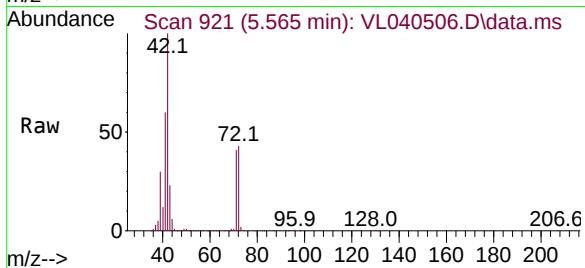
VSTDICCC010

Tgt Ion:	42	Resp:	892472
Ion Ratio	Lower	Upper	
42	100		
72	42.3	33.8	50.8
71	41.3	32.3	48.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#42

Bromodichloromethane

Concen: 9.038 ppbv

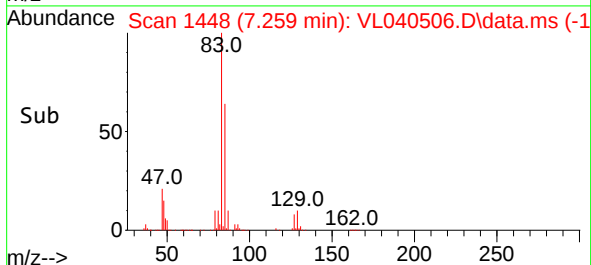
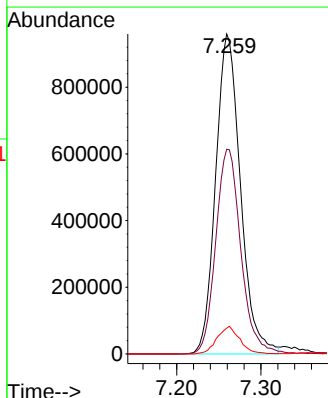
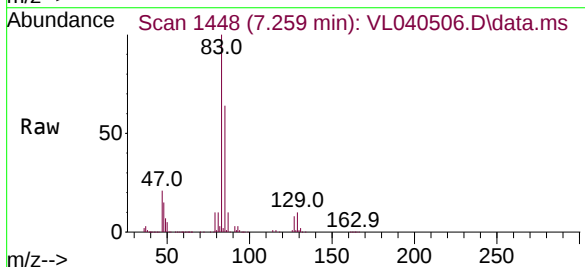
RT: 7.259 min Scan# 1448

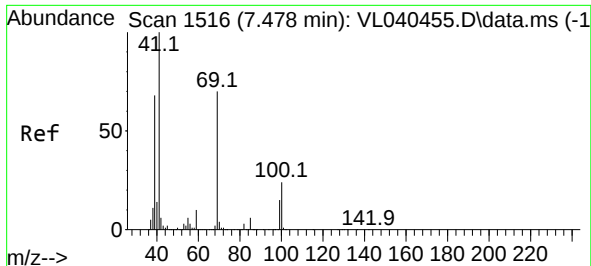
Delta R.T. 0.006 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Tgt Ion:	83	Resp:	1961303
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.8	77.6
127	8.1	6.1	9.1





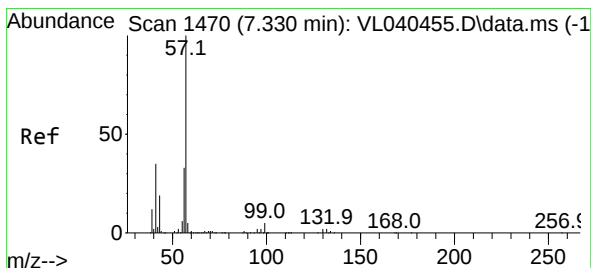
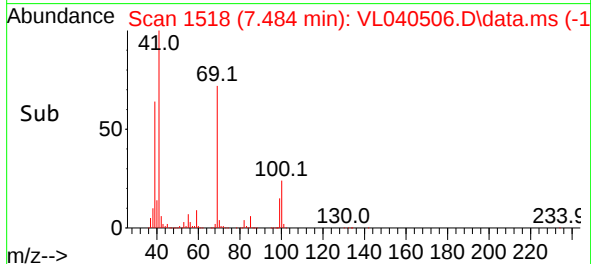
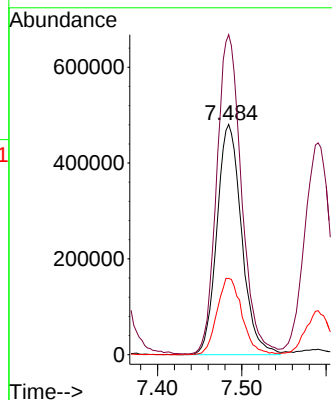
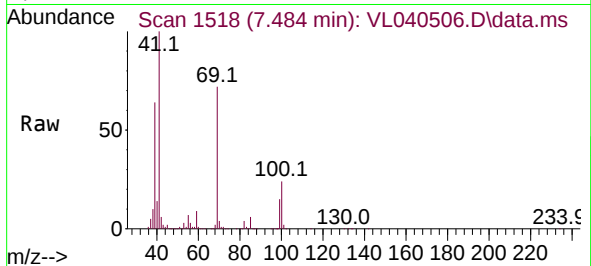
#43
Methyl Methacrylate
Concen: 11.253 ppbv
RT: 7.484 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 977907
Ion Ratio Lower Upper
69 100
41 139.6 114.3 171.5
100 33.6 25.4 38.2

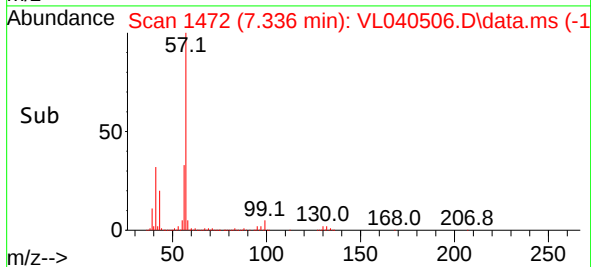
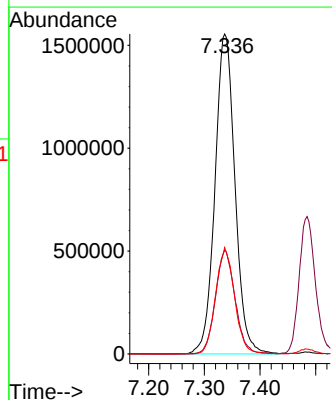
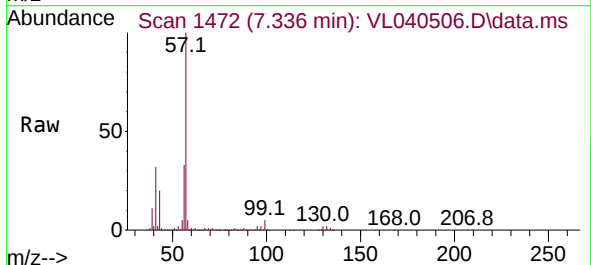
Manual Integrations
APPROVED

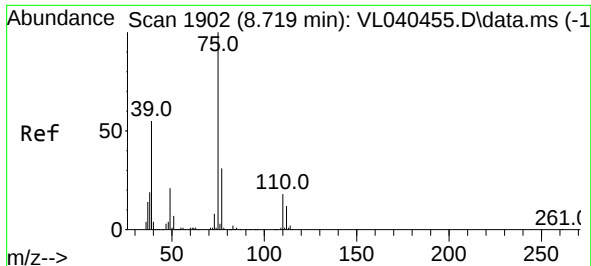
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#44
2,2,4-Trimethylpentane
Concen: 9.828 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 57 Resp: 3885124
Ion Ratio Lower Upper
57 100
41 31.9 27.8 41.8
56 31.4 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 10.722 ppbv

RT: 8.722 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 68797

Ion Ratio Lower Upper

75 100

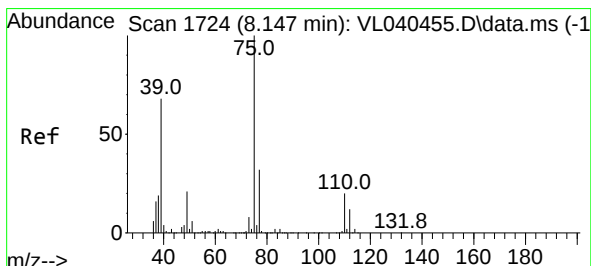
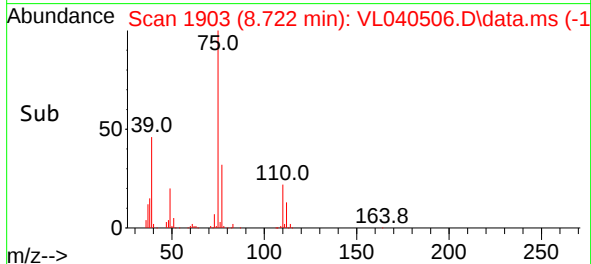
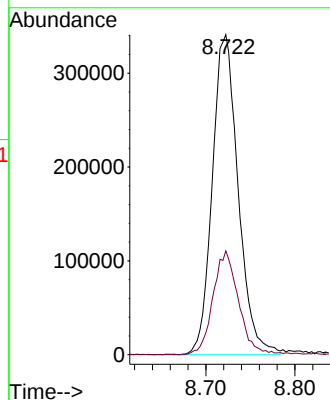
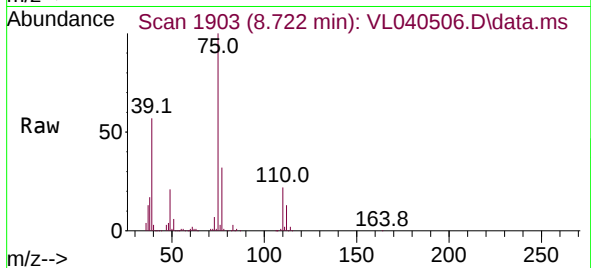
77 32.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#46

cis-1,3-Dichloropropene

Concen: 10.751 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. 0.007 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

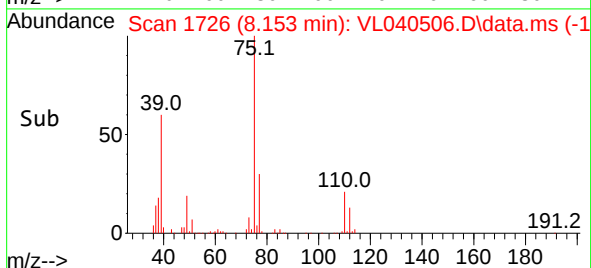
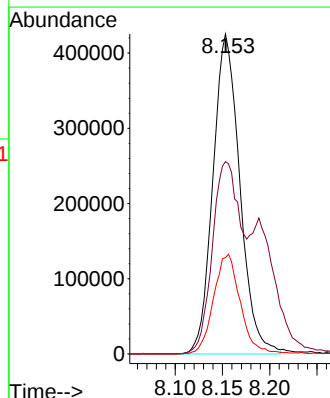
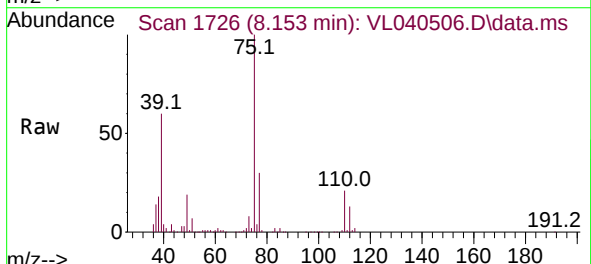
Tgt Ion: 75 Resp: 840968

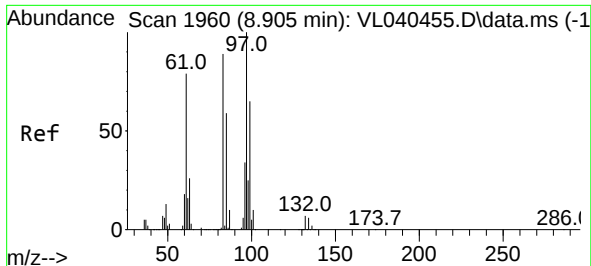
Ion Ratio Lower Upper

75 100

39 60.0 54.2 81.4

77 30.0 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.790 ppbv

RT: 8.909 min Scan# 1960

Delta R.T. 0.003 min

Lab File: VL040506.D

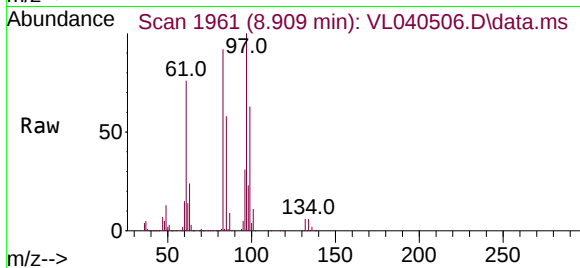
Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion: 97 Resp: 1003390

Ion Ratio Lower Upper

97 100

83 91.7 71.4 107.2

85 58.3 47.2 70.8

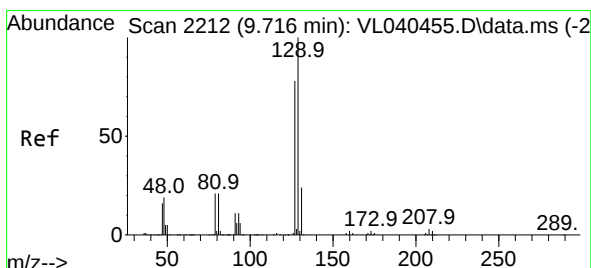
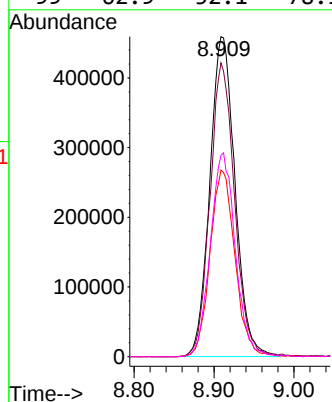
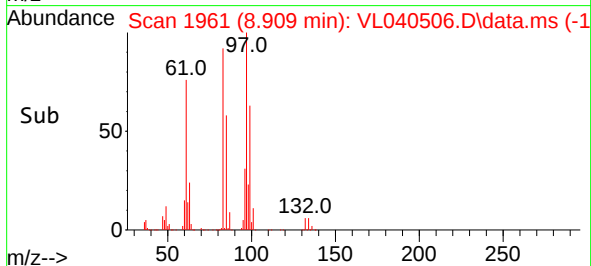
99 62.9 52.1 78.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#48

Dibromochloromethane

Concen: 10.282 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. 0.006 min

Lab File: VL040506.D

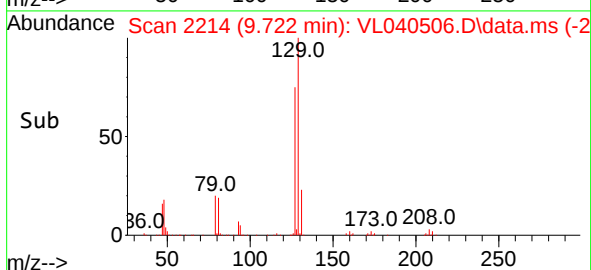
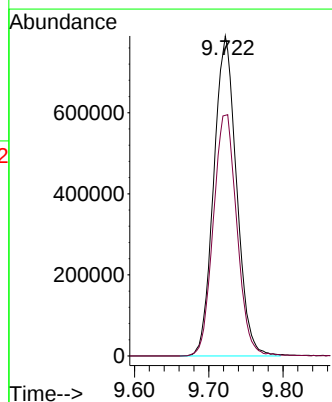
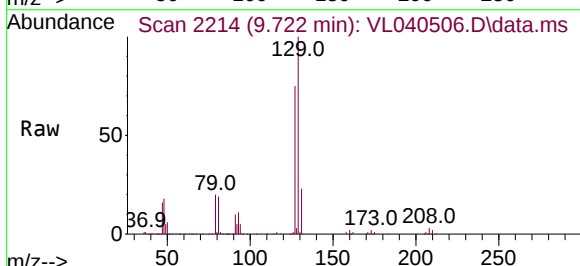
Acq: 10 Jul 2023 11:48

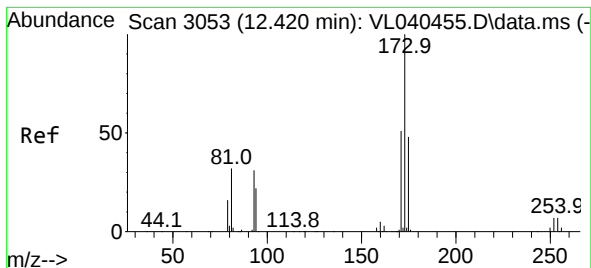
Tgt Ion:129 Resp: 1684752

Ion Ratio Lower Upper

129 100

127 78.2 39.4 118.1





#49

Bromoform

Concen: 11.308 ppbv

RT: 12.423 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 140189

Ion Ratio Lower Upper

173 100

175 49.4 39.2 58.8

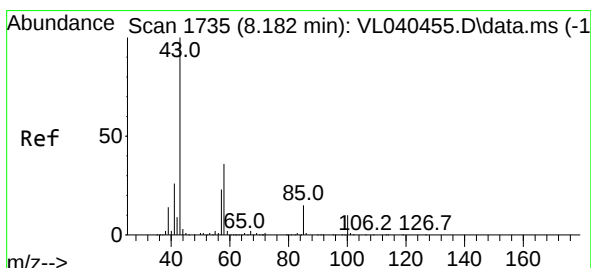
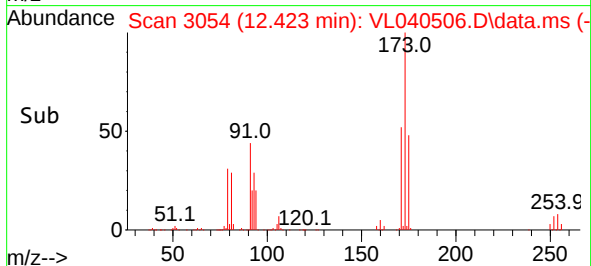
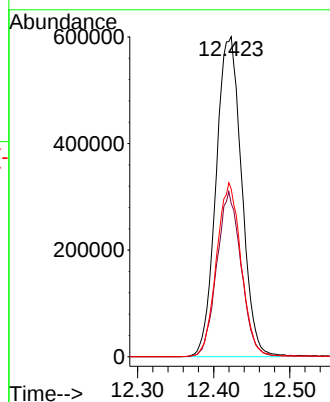
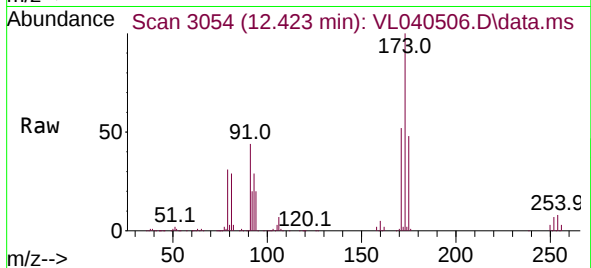
171 52.8 42.2 63.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#50

4-Methyl-2-Pentanone

Concen: 11.498 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.010 min

Lab File: VL040506.D

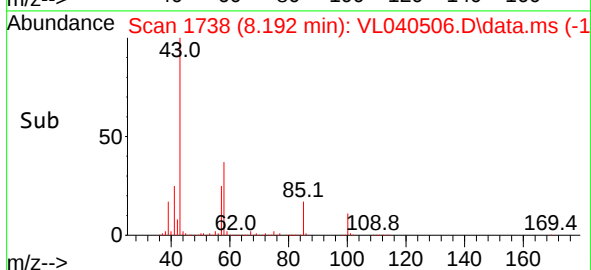
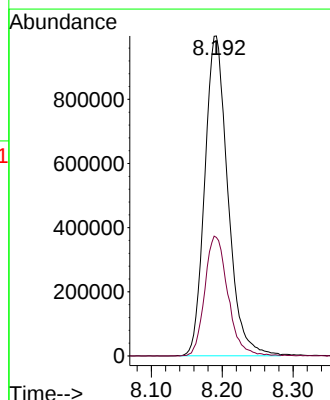
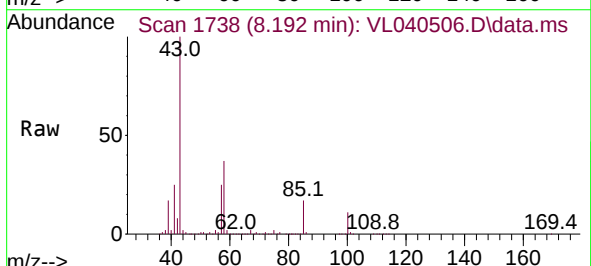
Acq: 10 Jul 2023 11:48

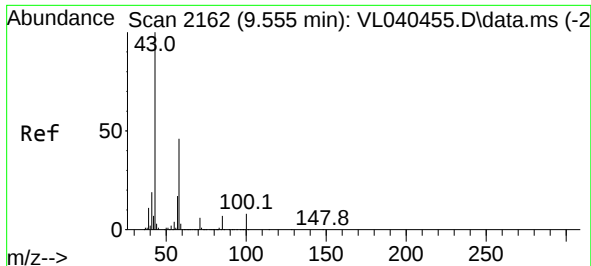
Tgt Ion: 43 Resp: 2258296

Ion Ratio Lower Upper

43 100

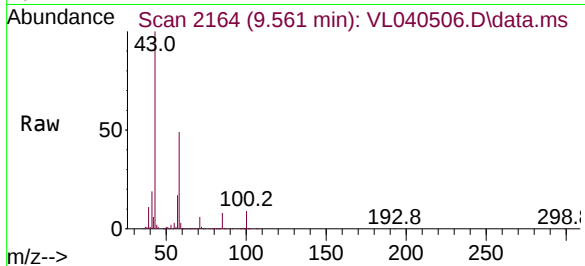
58 37.7 28.2 42.4





#51
2-Hexanone
Concen: 12.633 ppbv
RT: 9.561 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

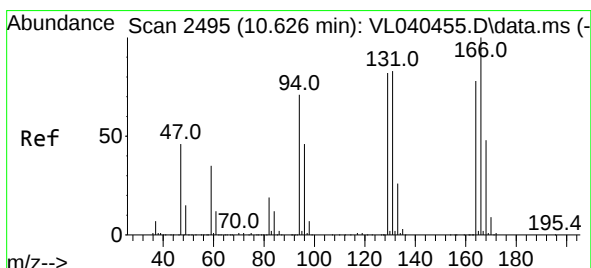
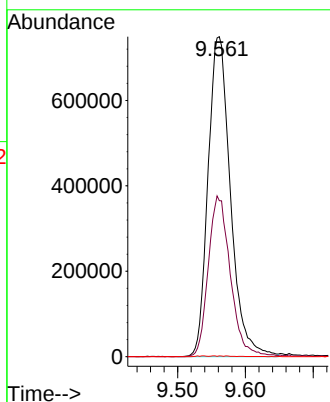
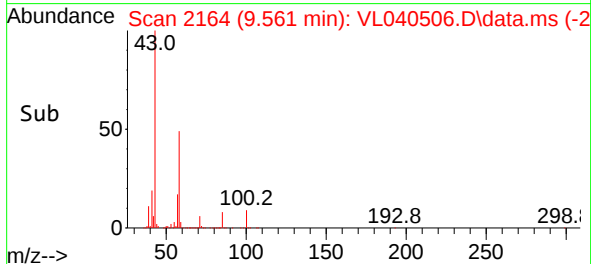
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 172253
Ion Ratio Lower Upper
43 100
58 49.6 37.1 55.7
98 0.4 0.5 0.7

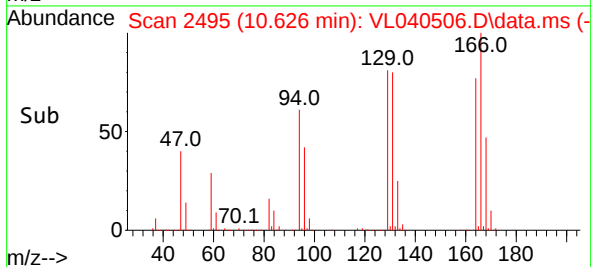
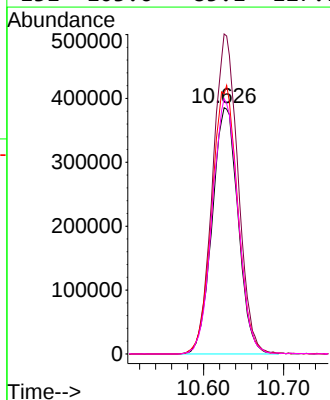
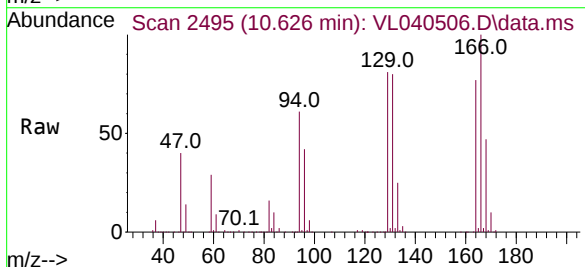
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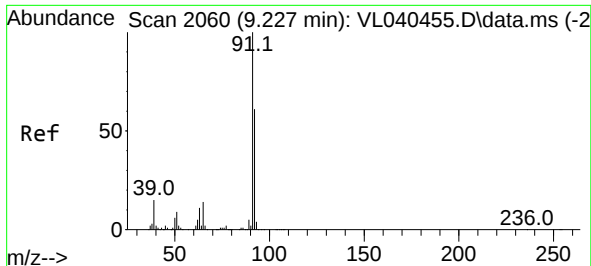
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#52
Tetrachloroethene
Concen: 11.368 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion:164 Resp: 863481
Ion Ratio Lower Upper
164 100
166 129.9 102.7 154.1
129 105.7 84.6 126.8
131 103.6 85.1 127.7





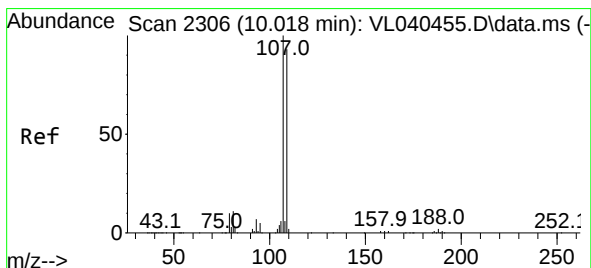
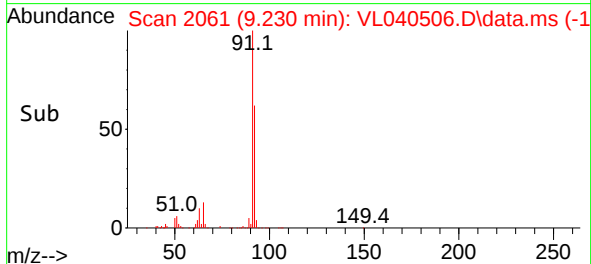
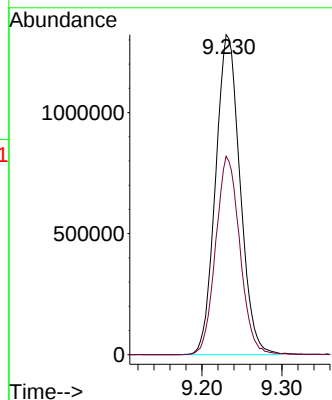
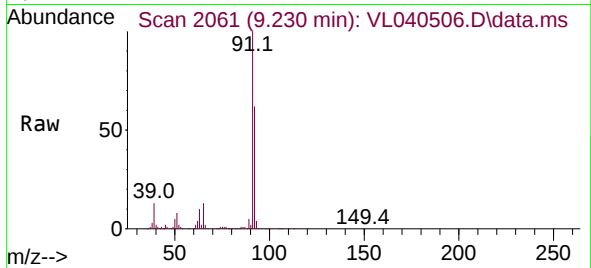
#53
Toluene
Concen: 11.011 ppbv
RT: 9.230 min Scan# 2060
Delta R.T. 0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 280530
Ion Ratio Lower Upper
91 100
92 61.4 49.1 73.7

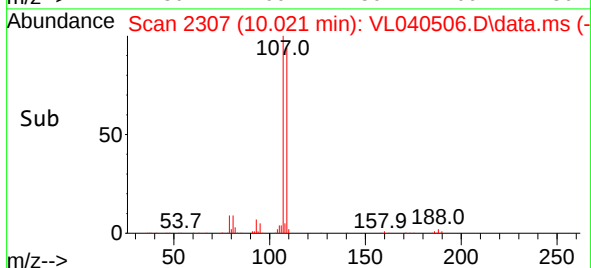
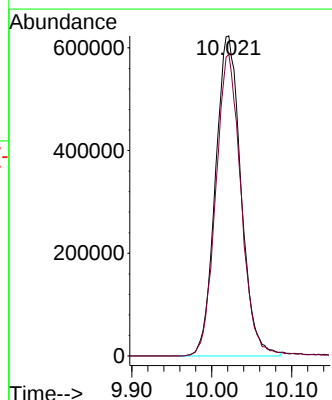
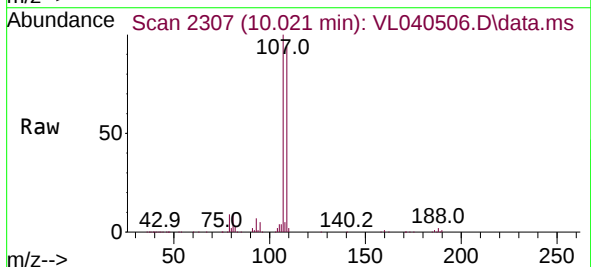
Manual Integrations
APPROVED

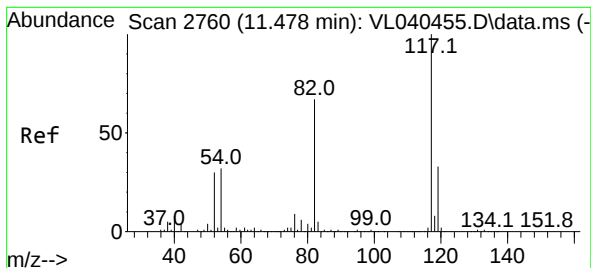
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#54
1,2-Dibromoethane
Concen: 10.264 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

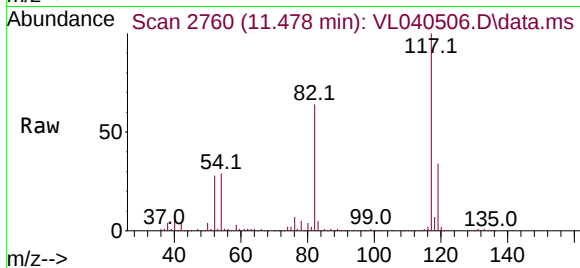
Tgt Ion:107 Resp: 1379084
Ion Ratio Lower Upper
107 100
109 94.3 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.478 min Scan# 2760
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

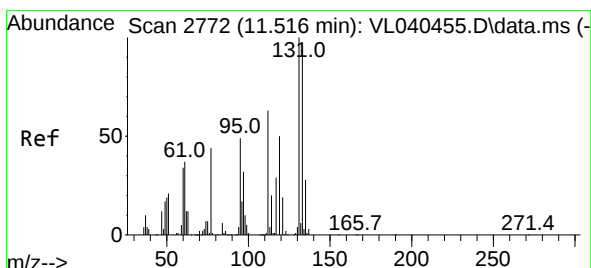
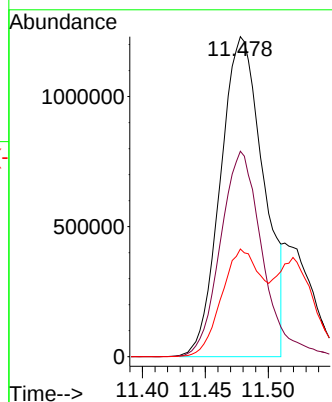
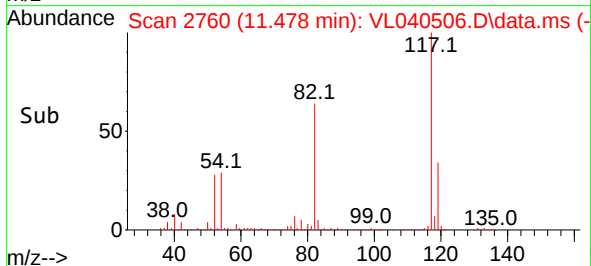
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



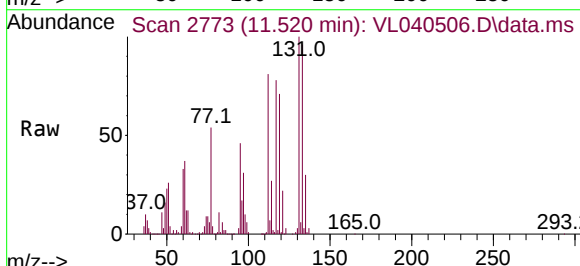
Tgt Ion:117 Resp: 293538
Ion Ratio Lower Upper
117 100
82 62.8 53.0 79.4
119 33.6 24.4 36.6

Manual Integrations
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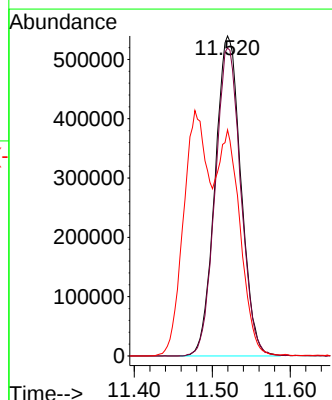
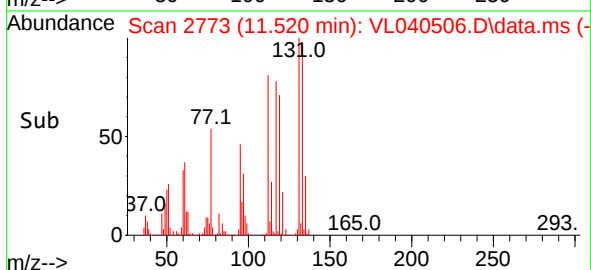
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

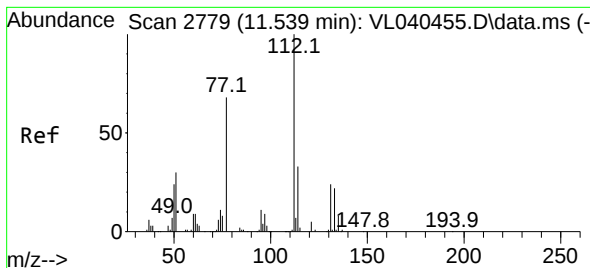


#56
1,1,1,2-Tetrachloroethane
Concen: 9.028 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. 0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48



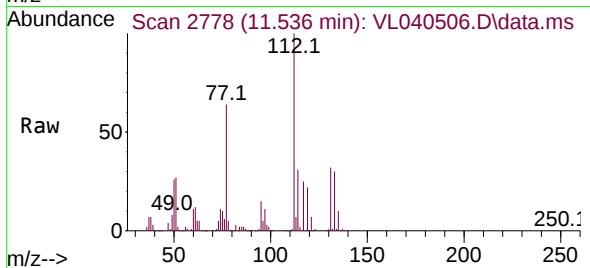
Tgt Ion:131 Resp: 1245580
Ion Ratio Lower Upper
131 100
133 95.4 75.7 113.5
119 63.9 51.4 77.2





#57
Chlorobenzene
Concen: 9.877 ppbv
RT: 11.536 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

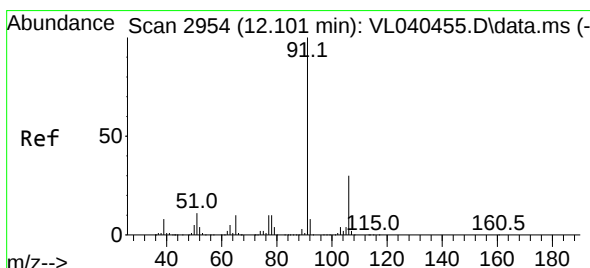
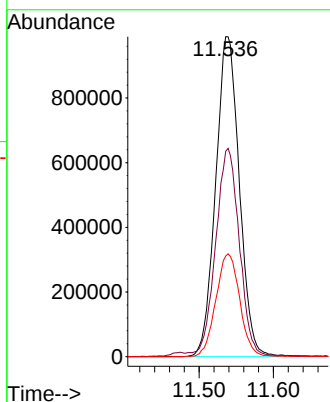
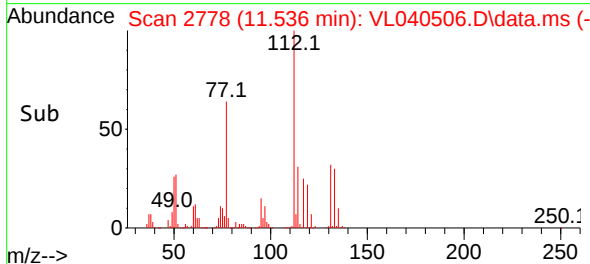
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:112 Resp: 219150
Ion Ratio Lower Upper
112 100
77 63.8 55.4 83.2
114 31.4 30.0 36.6

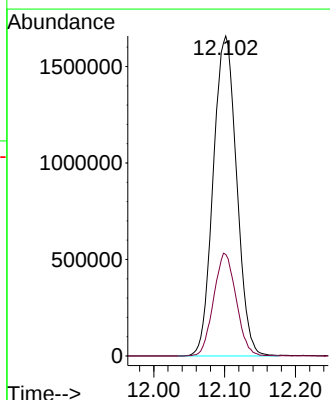
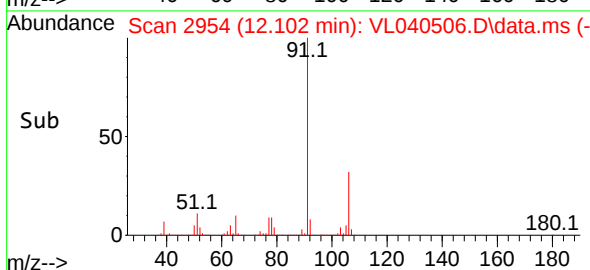
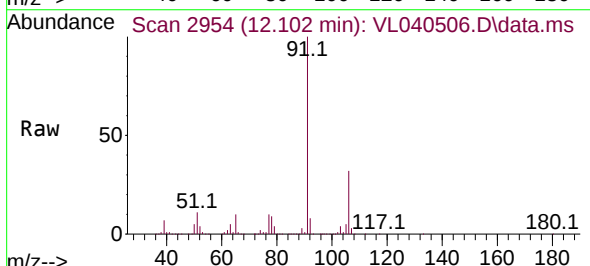
Manual Integrations
APPROVED

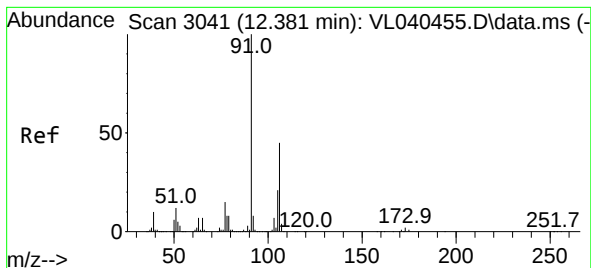
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#58
Ethyl Benzene
Concen: 10.694 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

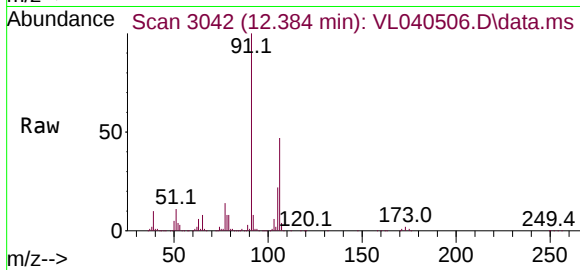
Tgt Ion: 91 Resp: 3803282
Ion Ratio Lower Upper
91 100
106 31.7 23.7 35.5





#59
m/p-Xylene
Concen: 19.684 ppbv m
RT: 12.384 min Scan# 3041
Delta R.T. 0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

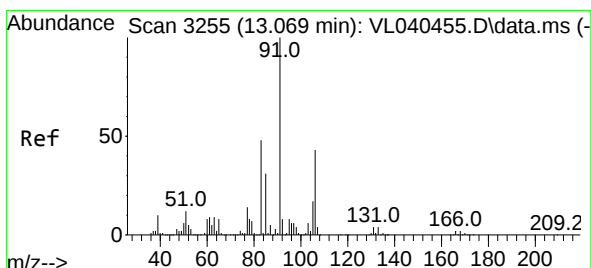
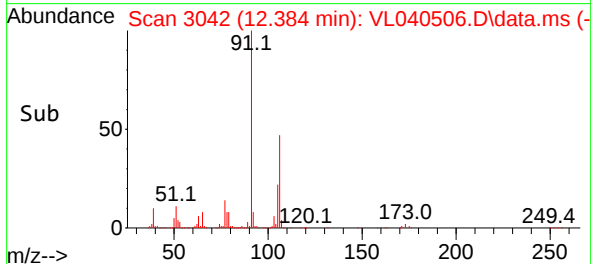
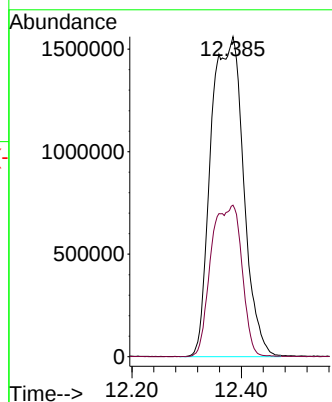
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 91 Resp: 643387
Ion Ratio Lower Upper
91 100
106 44.9 34.6 52.0

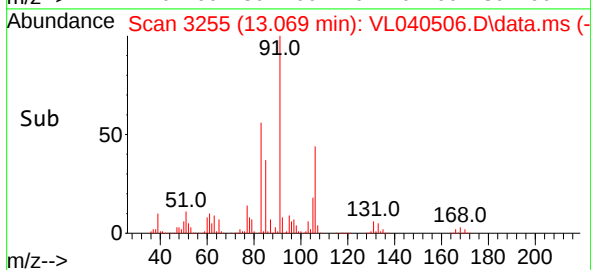
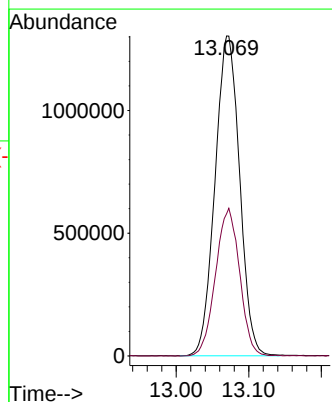
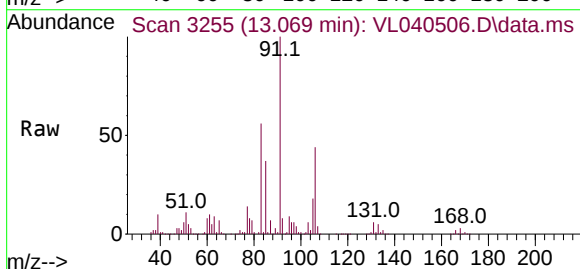
Manual Integrations
APPROVED

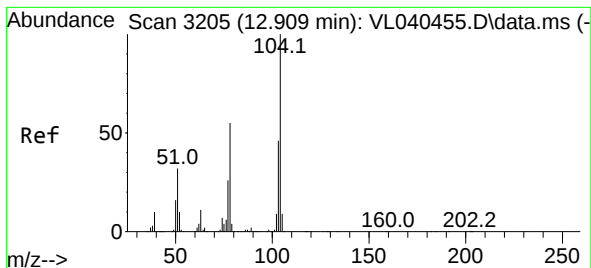
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
o-Xylene
Concen: 9.892 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 91 Resp: 3066943
Ion Ratio Lower Upper
91 100
106 45.3 22.1 66.1





#61

Styrene

Concen: 12.437 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 165936

Ion Ratio Lower Upper

104 100

78 50.1 43.1 64.7

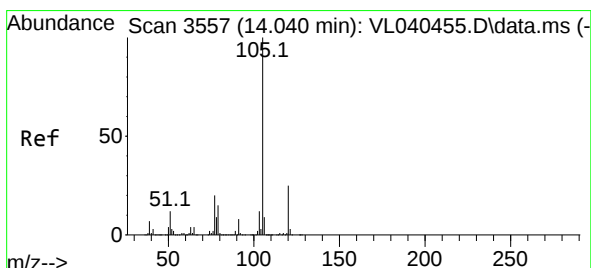
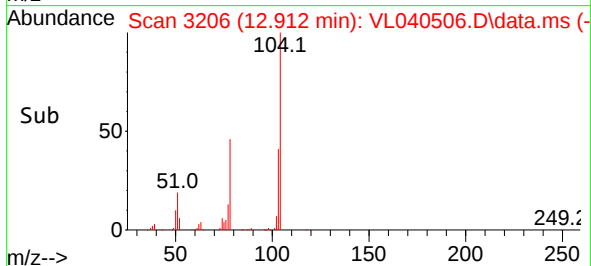
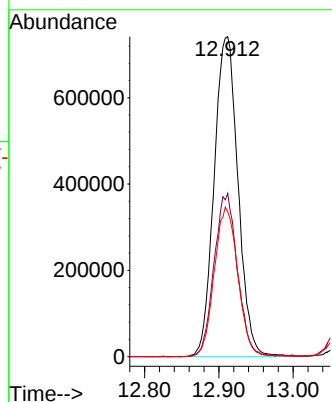
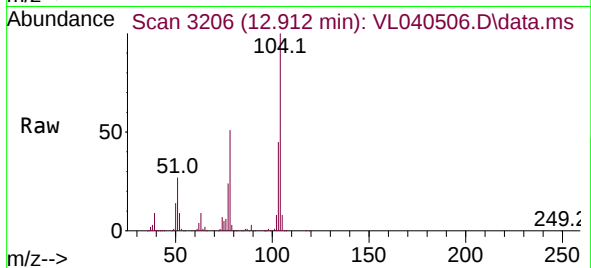
103 46.2 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#62

Isopropylbenzene

Concen: 9.886 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.000 min

Lab File: VL040506.D

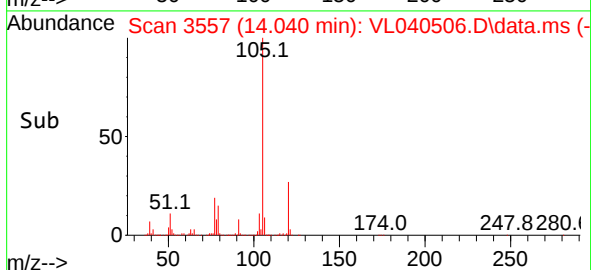
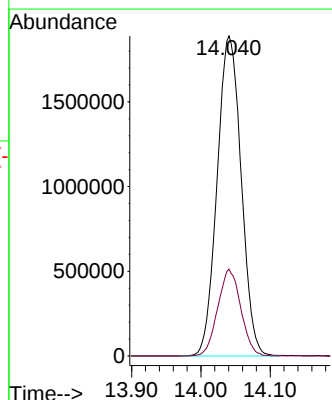
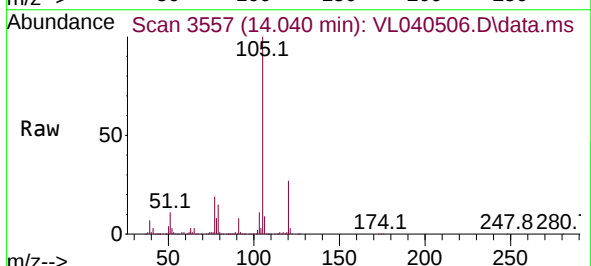
Acq: 10 Jul 2023 11:48

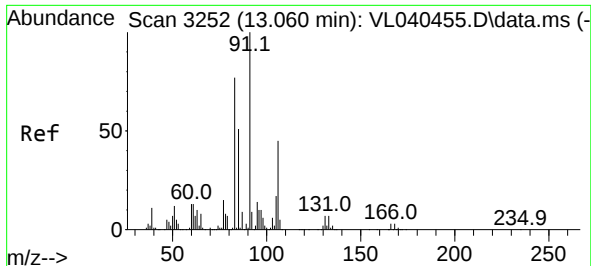
Tgt Ion:105 Resp: 4556156

Ion Ratio Lower Upper

105 100

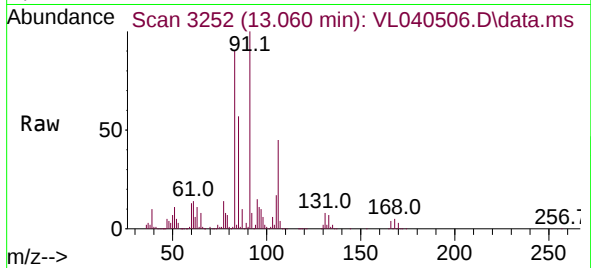
120 26.0 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 10.584 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

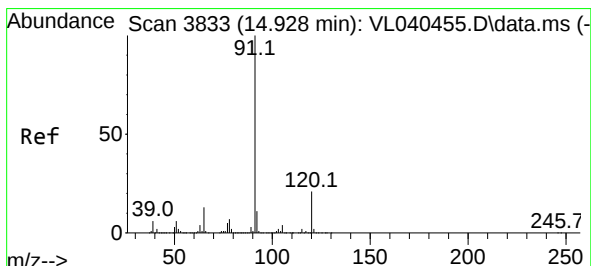
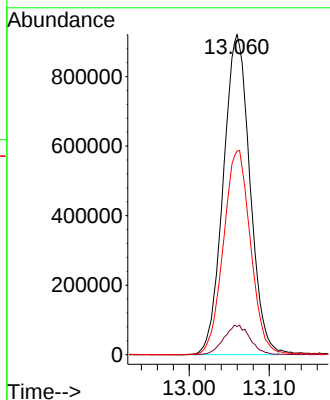
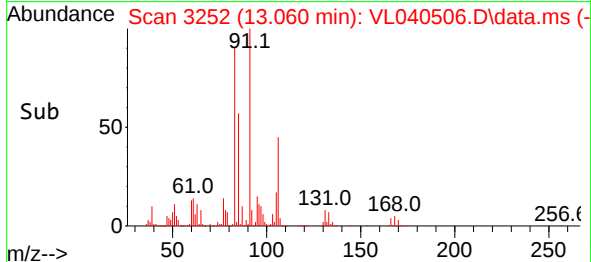
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



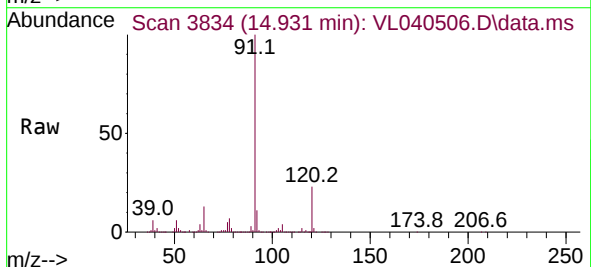
Tgt Ion: 83 Resp: 212474
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 65.5 33.0 99.0

Manual Integrations
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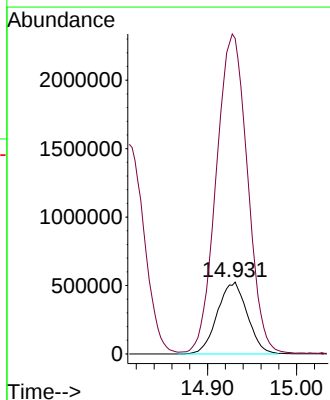
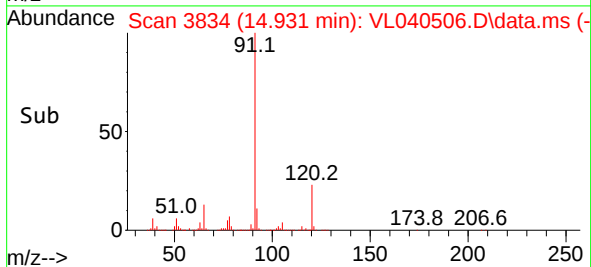
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

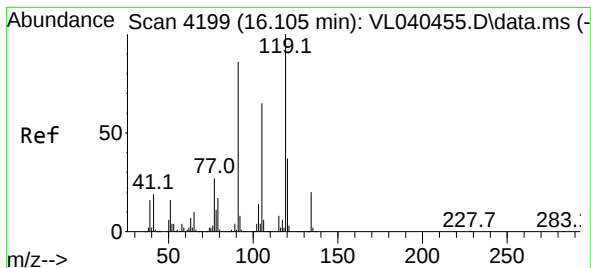


#64
n-propylbenzene
Concen: 10.444 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48



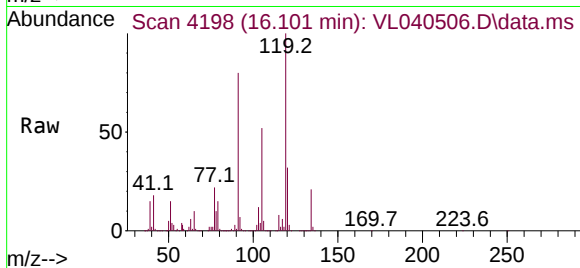
Tgt Ion:120 Resp: 1222083
Ion Ratio Lower Upper
120 100
91 467.9 388.5 582.7





#65
tert-Butylbenzene
Concen: 10.260 ppbv
RT: 16.101 min Scan# 4199
Delta R.T. -0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

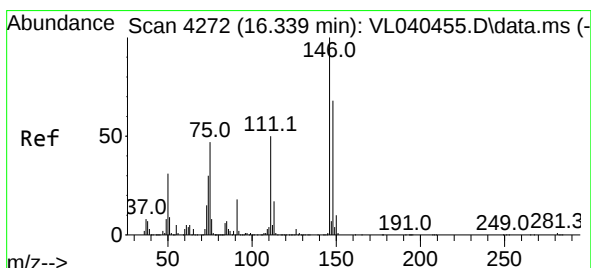
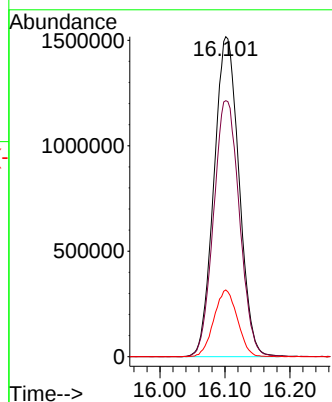
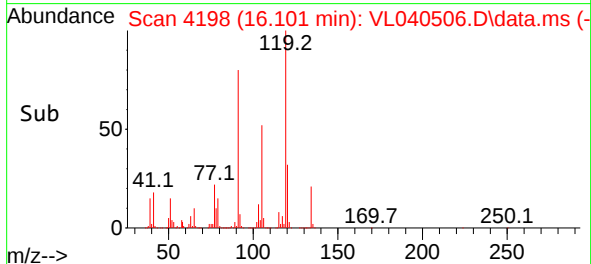
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



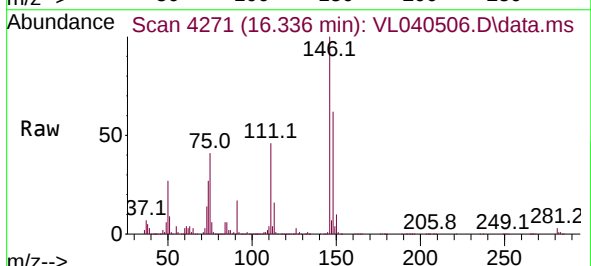
Tgt Ion:119 Resp: 405662
Ion Ratio Lower Upper
119 100
91 82.6 70.5 105.7
134 19.6 15.6 23.4

Manual Integrations
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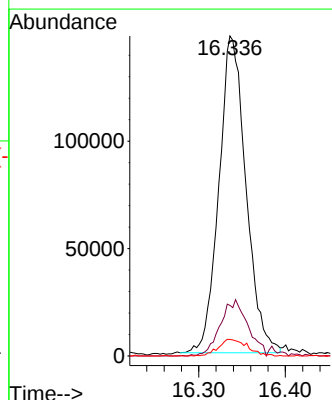
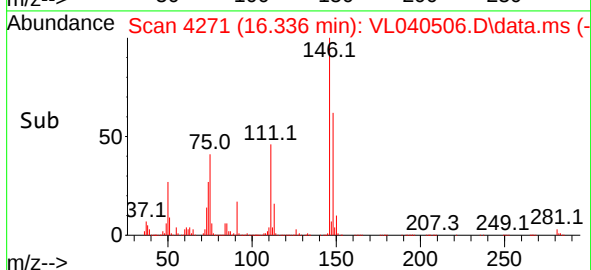
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

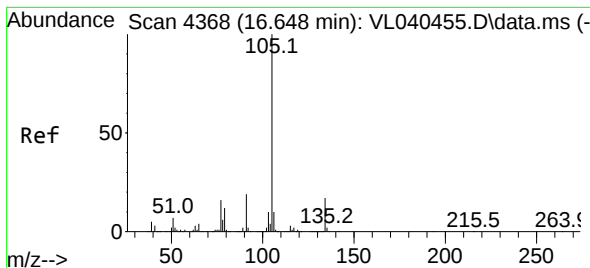


#66
Benzyl Chloride
Concen: 10.512 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. -0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48



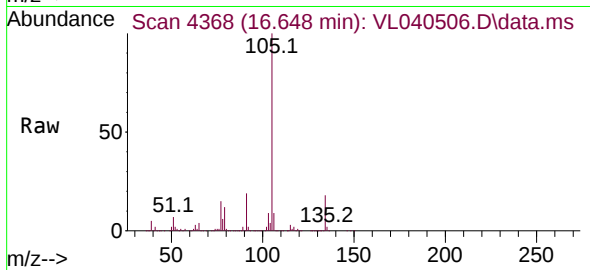
Tgt Ion: 91 Resp: 320310
Ion Ratio Lower Upper
91 100
126 19.3 13.2 19.8
128 5.6 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 10.117 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

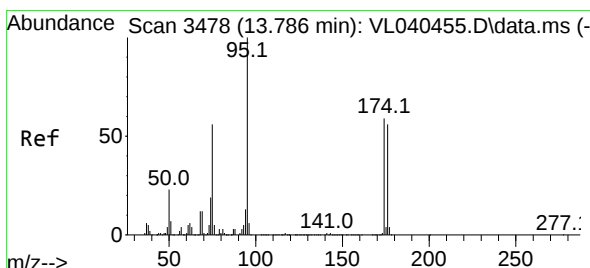
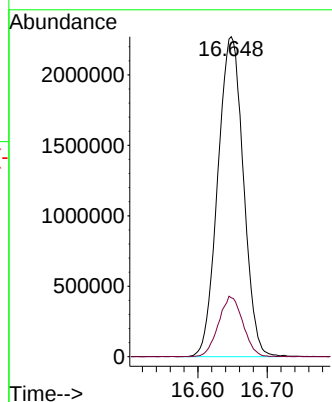
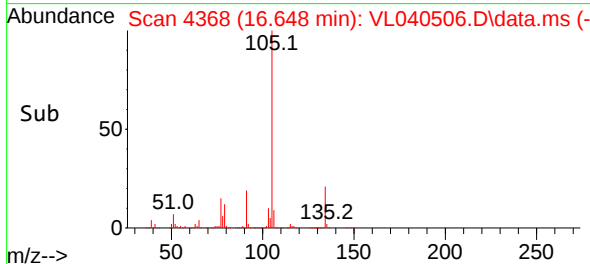
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



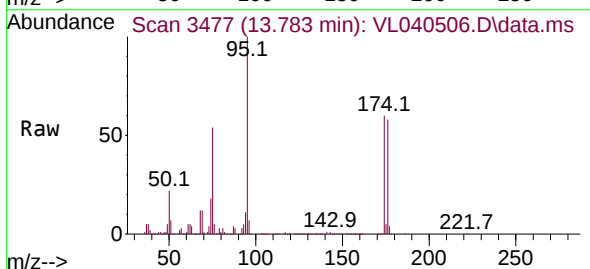
Tgt Ion:105 Resp: 583286
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.0 21.0

Manual Integrations
 APPROVED

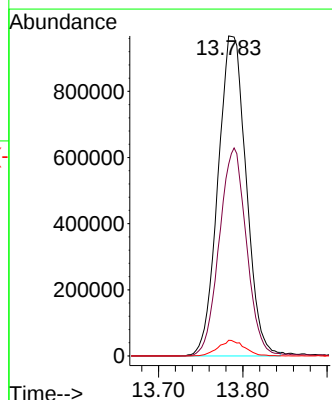
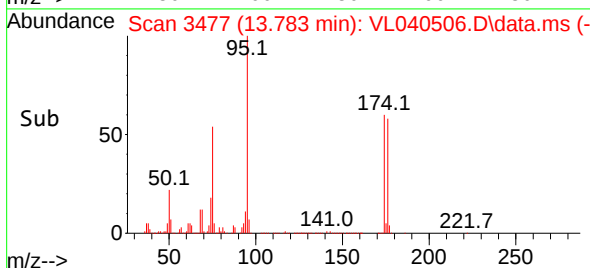
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

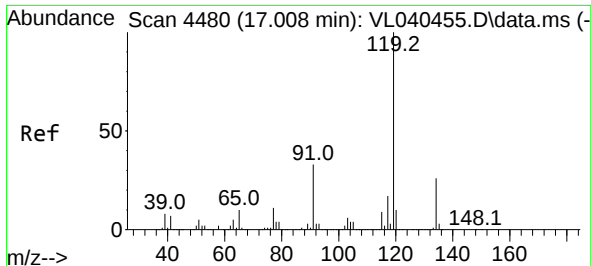


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.270 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48



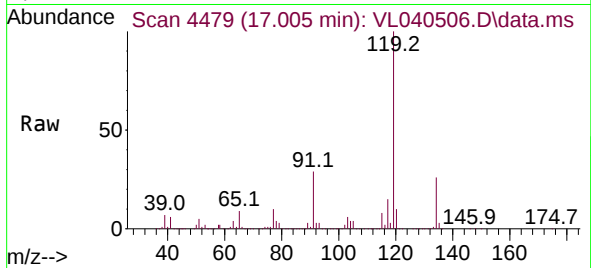
Tgt Ion: 95 Resp: 2245741
 Ion Ratio Lower Upper
 95 100
 174 63.2 47.7 71.5
 175 4.6 3.5 5.3





#69
p-Isopropyltoluene
Concen: 10.813 ppbv
RT: 17.005 min Scan# 44
Delta R.T. -0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

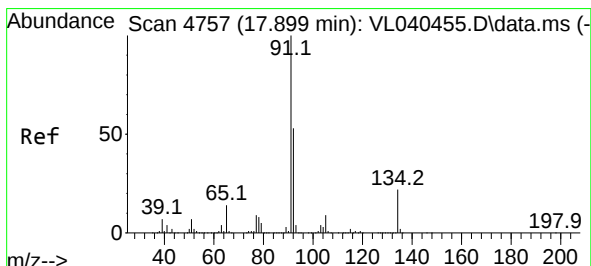
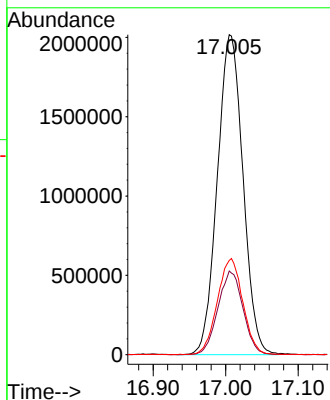
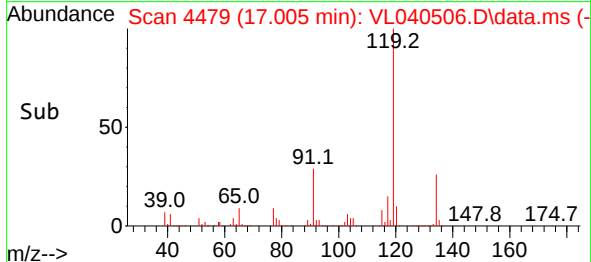
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:119 Resp: 4954335
Ion Ratio Lower Upper
119 100
134 25.6 20.3 30.5
91 29.8 25.5 38.3

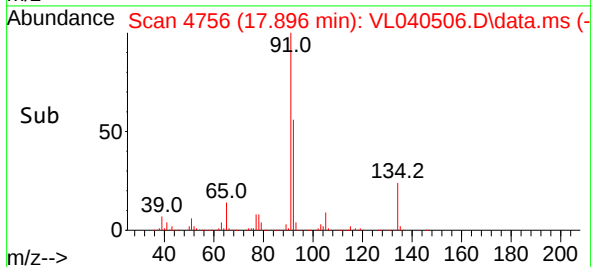
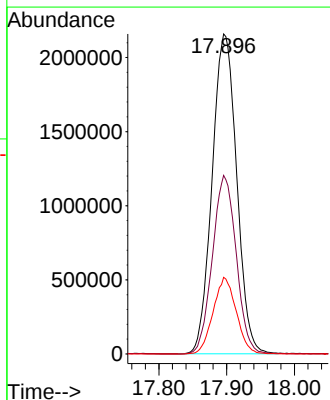
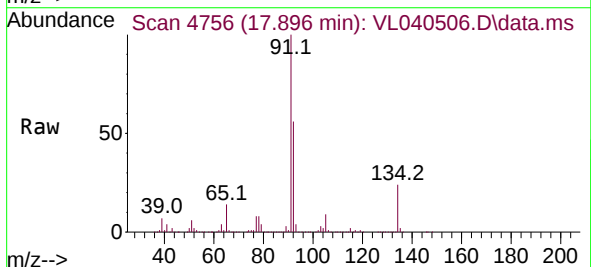
Manual Integrations
APPROVED

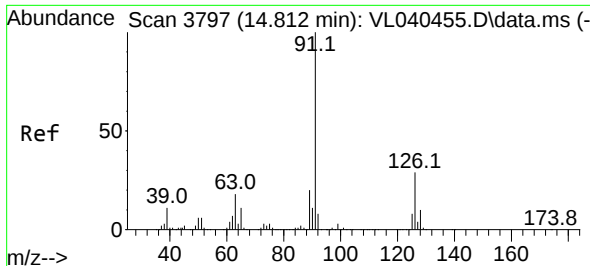
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#70
n-Butylbenzene
Concen: 10.629 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. -0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

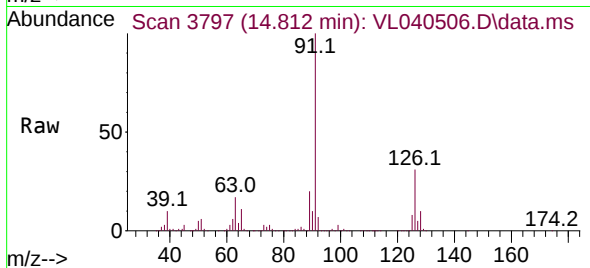
Tgt Ion: 91 Resp: 5436083
Ion Ratio Lower Upper
91 100
92 54.2 42.7 64.1
134 22.6 16.9 25.3





#71
2-Chlorotoluene
Concen: 10.419 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

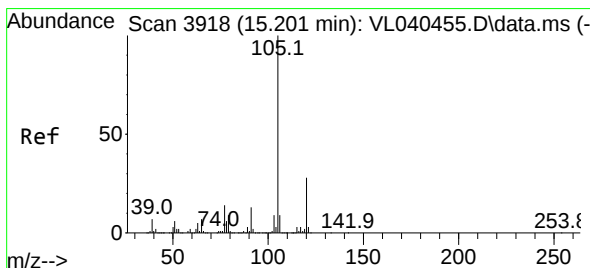
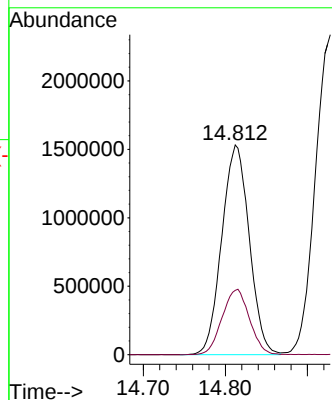
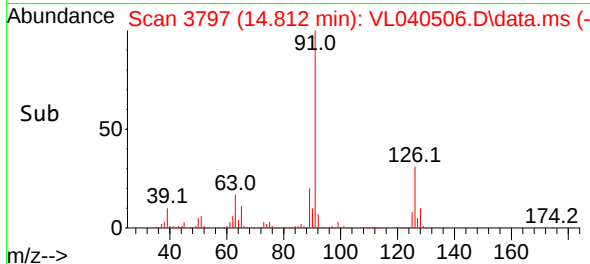
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



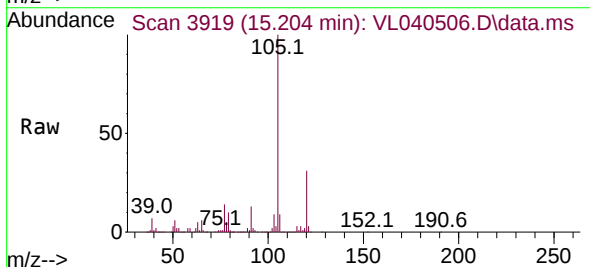
Tgt Ion: 91 Resp: 3565530
Ion Ratio Lower Upper
91 100
126 31.1 12.0 48.2

Manual Integrations
APPROVED

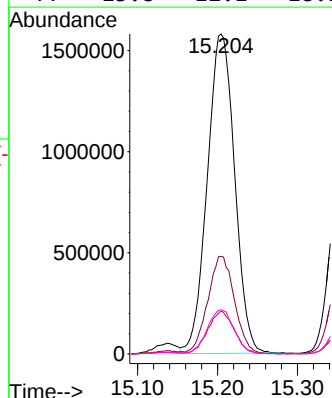
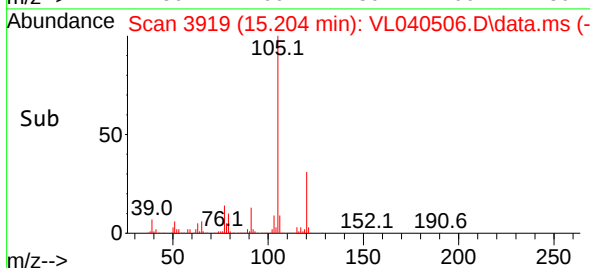
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

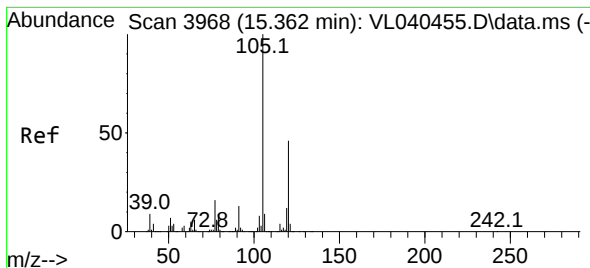


#72
4-Ethyltoluene
Concen: 10.773 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48



Tgt Ion:105 Resp: 3761898
Ion Ratio Lower Upper
105 100
120 30.8 23.4 35.0
91 13.4 11.1 16.7
77 13.8 12.1 18.1





#73

1,3,5-Trimethylbenzene

Concen: 10.588 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 3267910

Ion Ratio Lower Upper

105 100

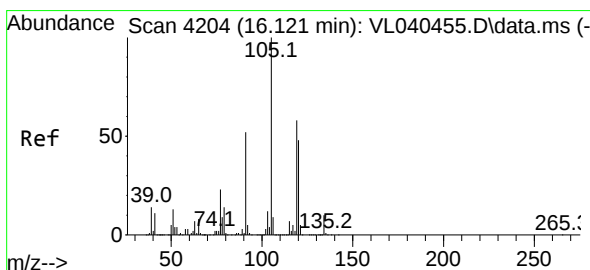
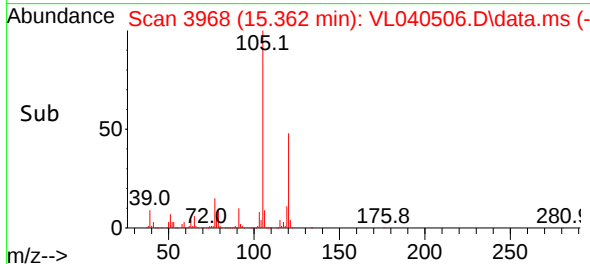
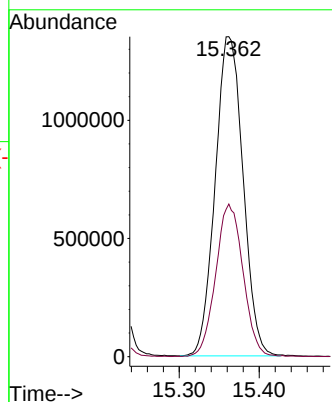
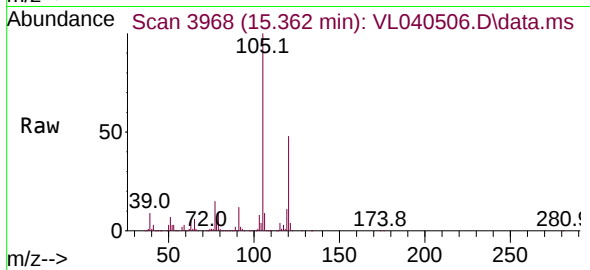
120 47.7 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.929 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. -0.003 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Tgt Ion:105 Resp: 3605174

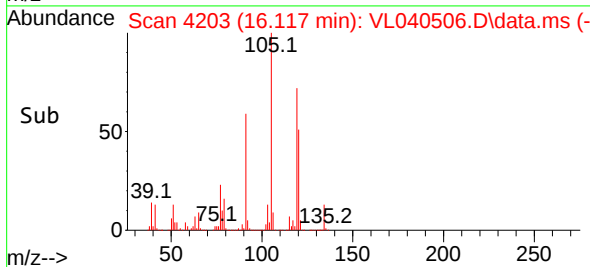
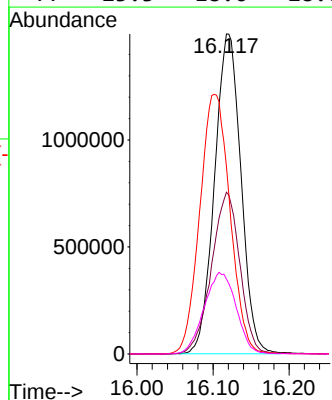
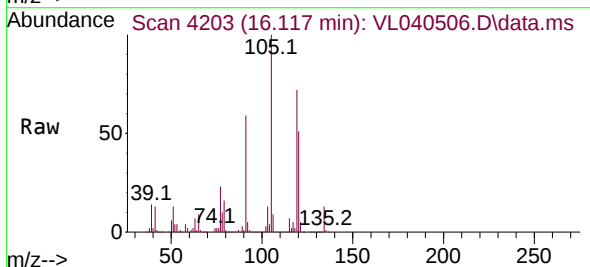
Ion Ratio Lower Upper

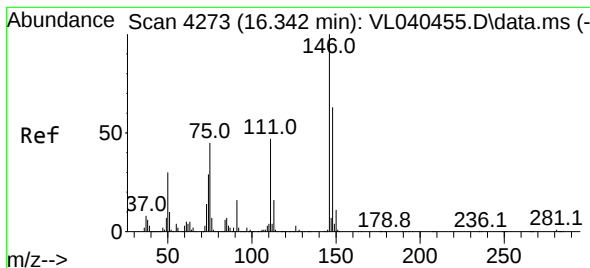
105 100

120 50.4 38.4 57.6

91 58.5 41.3 61.9

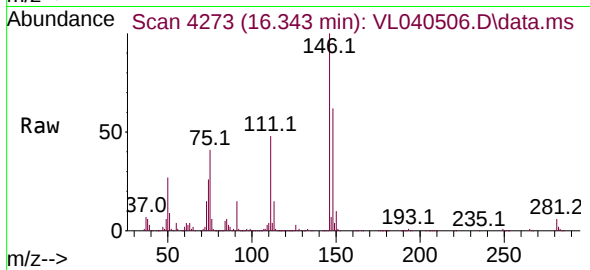
77 23.3 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 10.772 ppbv
RT: 16.343 min Scan# 4273
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

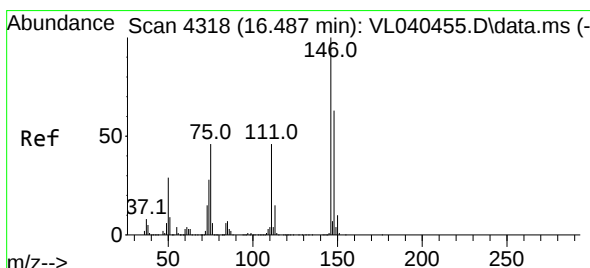
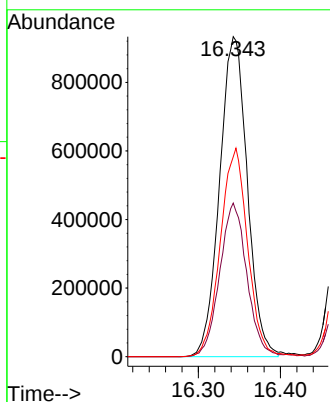
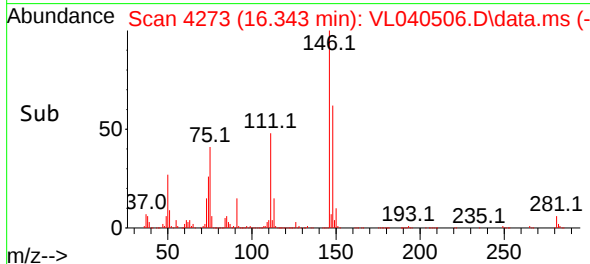
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



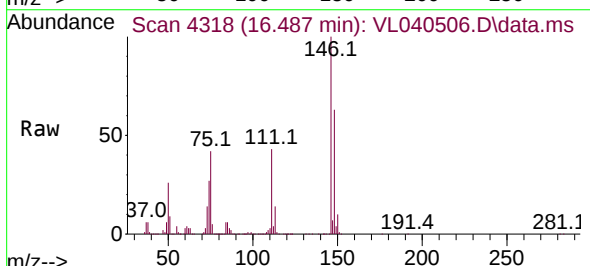
Tgt Ion:146 Resp: 2193820
Ion Ratio Lower Upper
146 100
111 47.3 24.6 73.8
148 64.4 32.4 97.2

Manual Integrations
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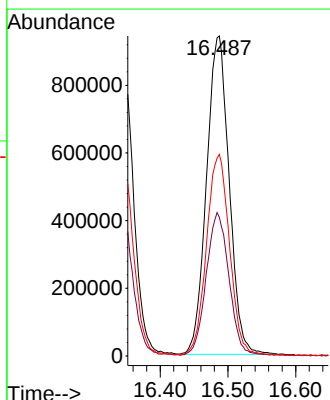
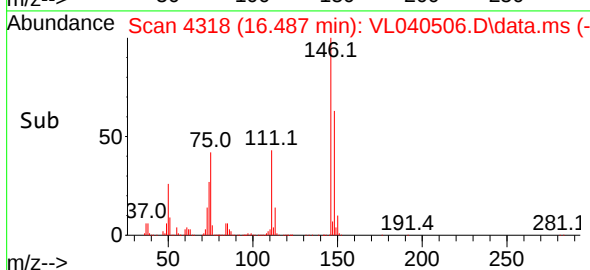
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

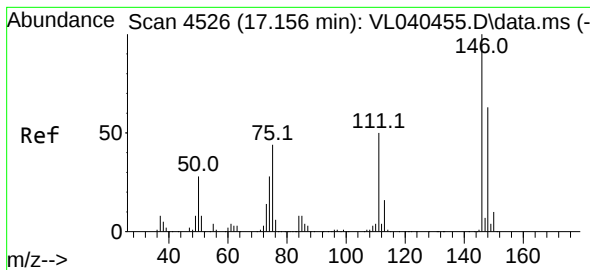


#76
1,4-Dichlorobenzene
Concen: 11.029 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48



Tgt Ion:146 Resp: 2184187
Ion Ratio Lower Upper
146 100
111 45.5 23.8 71.5
148 65.2 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 11.063 ppbv

RT: 17.153 min Scan# 4526

Delta R.T. -0.003 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 2128490

Ion Ratio Lower Upper

146 100

111 48.5 25.1 75.3

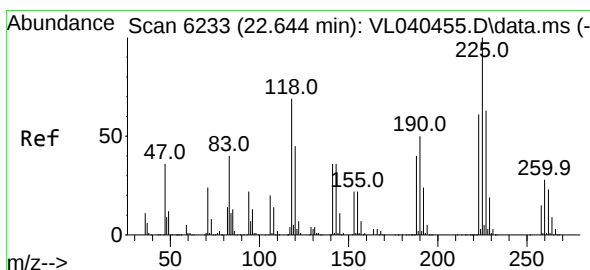
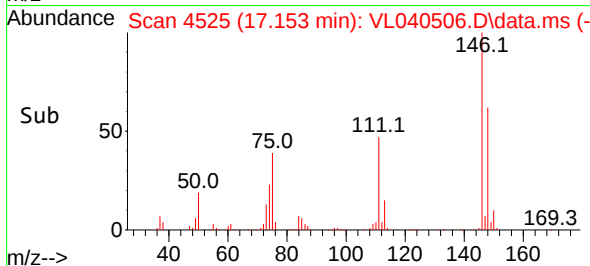
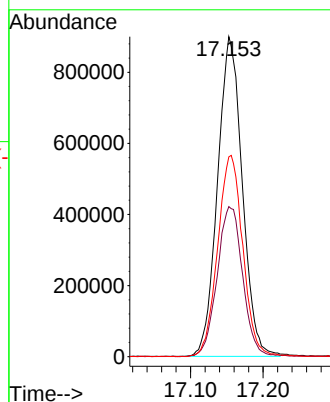
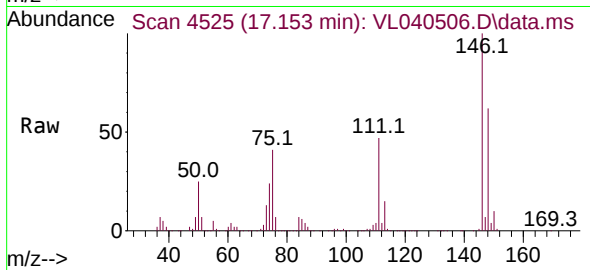
148 64.2 32.0 96.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#78

Hexachloro-1,3-Butadiene

Concen: 12.528 ppbv

RT: 22.648 min Scan# 6234

Delta R.T. 0.003 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

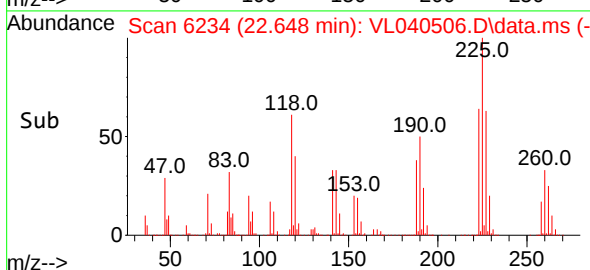
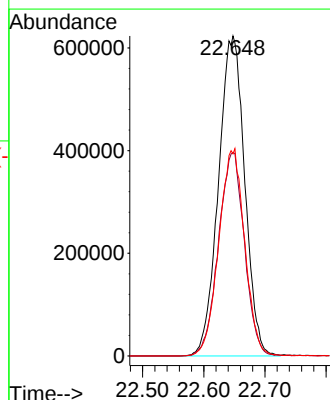
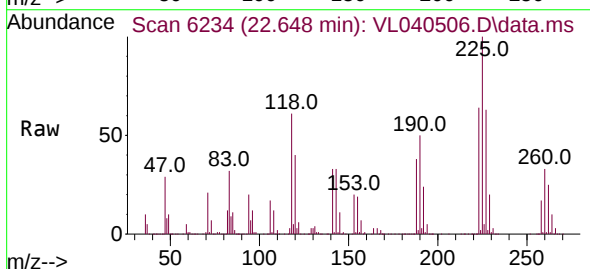
Tgt Ion:225 Resp: 1858965

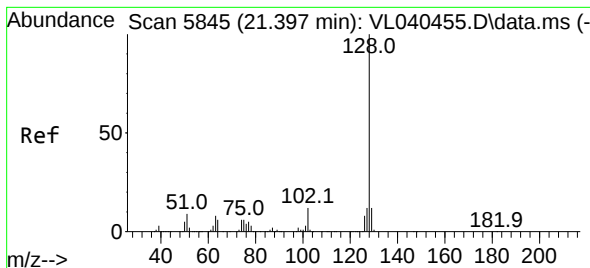
Ion Ratio Lower Upper

225 100

223 62.9 50.0 75.0

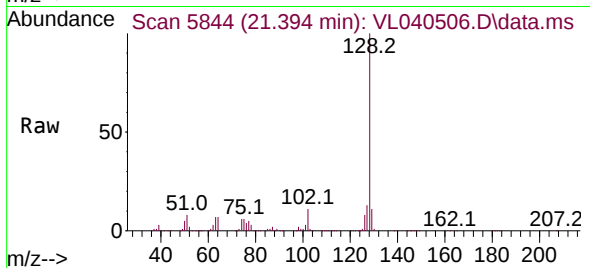
227 63.8 50.9 76.3





#79
Naphthalene
Concen: 18.283 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. -0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

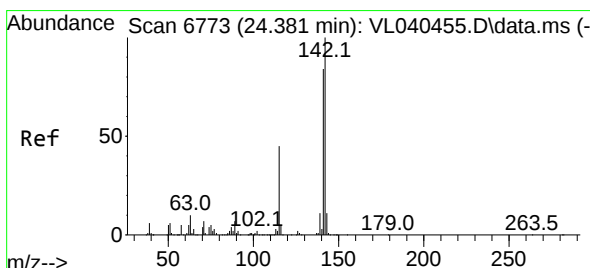
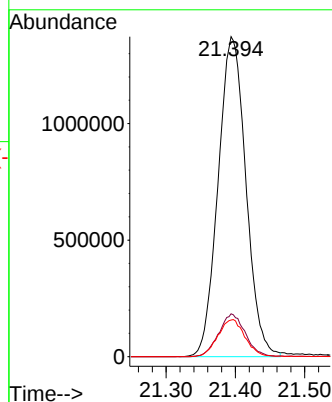
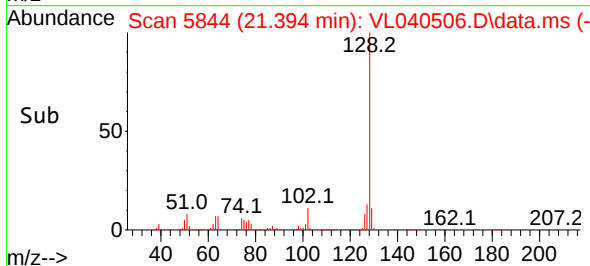
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



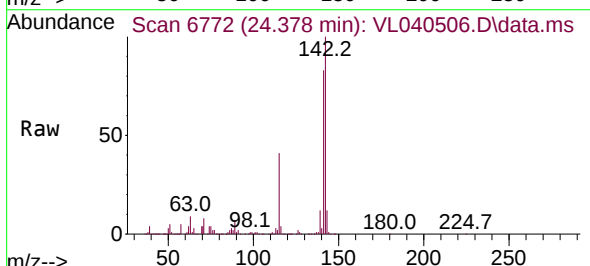
Tgt Ion:128 Resp: 382322
Ion Ratio Lower Upper
128 100
127 13.4 9.9 14.9
129 11.5 9.2 13.8

Manual Integrations
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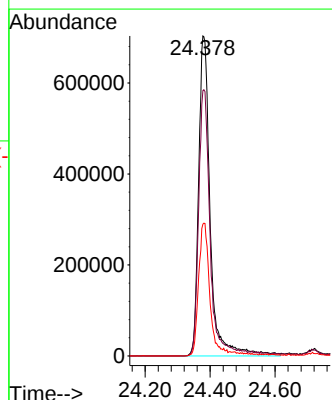
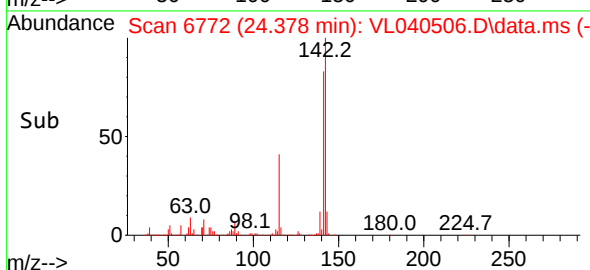
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

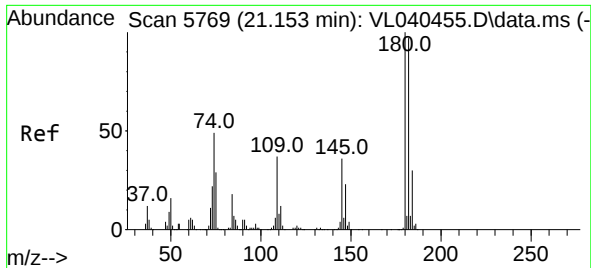


#80
Naphthalene,2-methyl-
Concen: 27.919 ppbv
RT: 24.378 min Scan# 6772
Delta R.T. -0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48



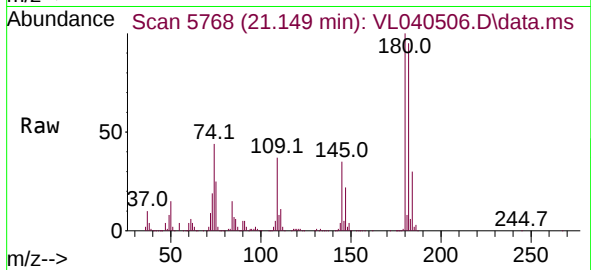
Tgt Ion:142 Resp: 1751952
Ion Ratio Lower Upper
142 100
141 83.4 65.4 98.0
115 41.3 36.6 55.0





#81
1,2,4-Trichlorobenzene
Concen: 17.285 ppbv
RT: 21.149 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 2239038
Ion Ratio Lower Upper
180 100
182 96.9 77.2 115.8
184 30.6 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

