

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040423\
 Data File : VL040303.D
 Acq On : 4 Apr 2023 10:49
 Operator : SY/MD
 Sample : VL0404ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/05/2023
 Supervised By : Mahesh Dadoda 04/05/2023

Quant Time: Apr 05 01:30:12 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1096607	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2737764	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2569947m	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 2245406 10.433 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	2004882	9.318	ppbv	97
3) Chlorodifluoromethane	2.674	51	1204624	8.736	ppbv	99
4) Chloromethane	2.816	50	758951	8.913	ppbv	97
5) Vinyl Chloride	2.922	62	661736	9.598	ppbv	98
6) Bromomethane	3.121	94	220693	9.231	ppbv	93
7) Chloroethane	3.198	64	248944	9.405	ppbv	99
8) Dichlorotetrafluoroethane	2.857	85	1648232	8.949	ppbv	98
9) Propene	2.693	41	484571	9.173	ppbv	97
10) Heptane	7.578	43	1234036	9.712	ppbv	100
11) Trichlorofluoromethane	3.562	101	1777185	9.117	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.063	101	1287384	8.793	ppbv	98
13) Ethanol	3.243	45	29719m	7.670	ppbv	
14) Bromoethene	3.365	108	507786	9.298	ppbv	96
15) Acetone	3.465	43	1135762	8.507	ppbv	99
16) 1,3-Butadiene	2.986	39	589440	9.713	ppbv	99
17) tert-Butyl alcohol	3.873	59	1189232	9.373	ppbv	99
18) 1,1-Dichloroethene	3.880	96	576768	9.183	ppbv	98
19) Isopropyl Alcohol	3.571	45	520948	8.146	ppbv	99
20) Methylene Chloride	3.931	84	473581	8.432	ppbv	98
21) Allyl Chloride	3.996	41	806113	9.322	ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	594699	9.303	ppbv	96
23) Vinyl Acetate	4.623	43	362574	9.762	ppbv #	97
24) 1,1-Dichloroethane	4.562	63	1208330	9.121	ppbv	99
25) Ethyl Acetate	5.201	43	2290275	9.163	ppbv	99
26) Hexane	5.211	57	952703	9.286	ppbv	98
27) Carbon Disulfide	4.124	76	1391606	9.711	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	1108849	9.413	ppbv	100
29) Chloroform	5.272	83	1709184	9.434	ppbv	99
30) Cyclohexane	6.600	84	831989	10.291	ppbv	98
31) cis-1,2-Dichloroethene	5.076	61	1005798	10.066	ppbv	96
32) 1,1,1-Trichloroethane	6.002	97	1741861	10.036	ppbv	98
34) 2-Butanone	4.783	43	1250137	9.252	ppbv	99
35) Carbon Tetrachloride	6.494	117	1782967	10.378	ppbv	99
36) Benzene	6.369	78	2043911	9.796	ppbv	97
37) 1,2-Dichloroethane	5.806	62	1314308	9.678	ppbv	100
38) Trichloroethene	7.288	130	1209338	10.607	ppbv	99
39) 1,2-Dichloropropane	7.069	63	788816	9.637	ppbv	98
40) 1,4-Dioxane	7.282	88	293119	9.051	ppbv	74
41) Tetrahydrofuran	5.555	42	744600	9.548	ppbv	97
42) Bromodichloromethane	7.250	83	1832166	9.873	ppbv	99
43) Methyl Methacrylate	7.475	69	813174	10.488	ppbv	98
44) 2,2,4-Trimethylpentane	7.324	57	3415923	9.820	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	779934	11.539	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040423\
 Data File : VL040303.D
 Acq On : 4 Apr 2023 10:49
 Operator : SY/MD
 Sample : VL0404ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023
 Supervised By :Mahesh Dadoda 04/05/2023

Quant Time: Apr 05 01:30:12 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

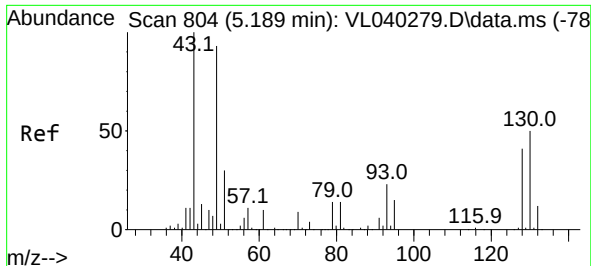
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1063470	11.080	ppbv	99
47) 1,1,2-Trichloroethane	8.899	97	837254	9.586	ppbv	96
48) Dibromochloromethane	9.709	129	1421083	9.887	ppbv	100
49) Bromoform	12.407	173	1066691	9.882	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2070030	9.900	ppbv	99
51) 2-Hexanone	9.549	43	1584245	9.780	ppbv	100
52) Tetrachloroethene	10.616	164	668106	10.584	ppbv	98
53) Toluene	9.217	91	2272899	10.395	ppbv	98
54) 1,2-Dibromoethane	10.005	107	907038	10.089	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.507	131	1018537	9.421	ppbv	97
57) Chlorobenzene	11.523	112	1688885	9.239	ppbv	98
58) Ethyl Benzene	12.089	91	3046265	10.410	ppbv	100
59) m/p-Xylene	12.375	91	5260644m	19.624	ppbv	
60) o-Xylene	13.060	91	2507320	9.784	ppbv	100
61) Styrene	12.899	104	1417130	10.897	ppbv	99
62) Isopropylbenzene	14.027	105	3541086	9.703	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	806643	8.946	ppbv	99
64) n-propylbenzene	14.915	120	892177	9.990	ppbv	100
65) tert-Butylbenzene	16.092	119	3161259	10.052	ppbv	99
66) Benzyl Chloride	16.323	91	210991	10.323	ppbv	98
67) sec-Butylbenzene	16.635	105	4548324	10.113	ppbv	100
69) p-Isopropyltoluene	16.995	119	3721097	10.624	ppbv	100
70) n-Butylbenzene	17.886	91	4175105	10.820	ppbv	100
71) 2-Chlorotoluene	14.802	91	2725676	9.813	ppbv	99
72) 4-Ethyltoluene	15.191	105	2907468	10.377	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	2595314	10.226	ppbv	97
74) 1,2,4-Trimethylbenzene	16.105	105	2908192	10.048	ppbv #	92
75) 1,3-Dichlorobenzene	16.330	146	1604181	10.234	ppbv	100
76) 1,4-Dichlorobenzene	16.474	146	1580512	10.572	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1592634	10.570	ppbv	100
78) Hexachloro-1,3-Butadiene	22.638	225	1143801	10.351	ppbv	99
79) Naphthalene	21.384	128	2245729	13.116	ppbv	98
80) Naphthalene,2-methyl-	24.377	142	367525	8.476	ppbv	97
81) 1,2,4-Trichlorobenzene	21.140	180	1197447	11.355	ppbv	99

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



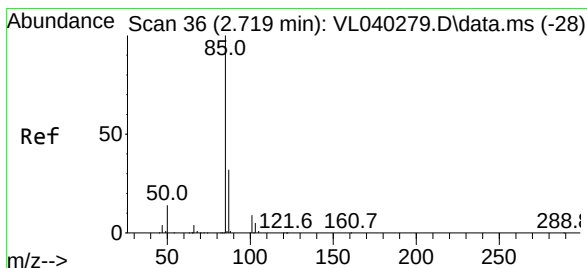
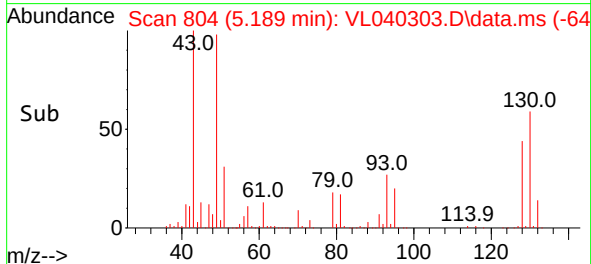
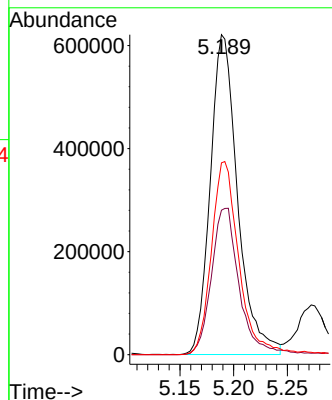
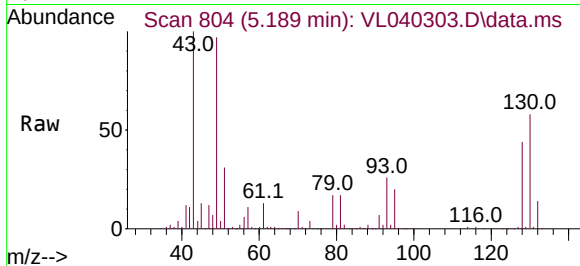
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 49 Resp: 109660
Ion Ratio Lower Upper
49 100
128 47.1 22.4 67.3
130 61.7 28.7 86.1

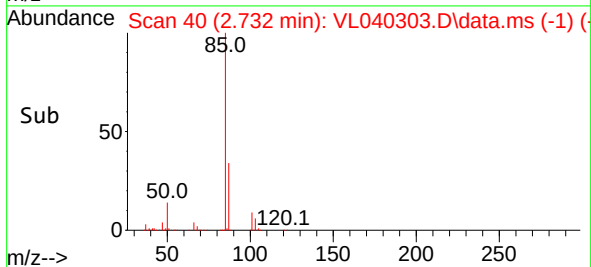
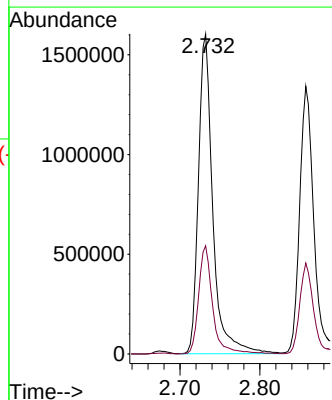
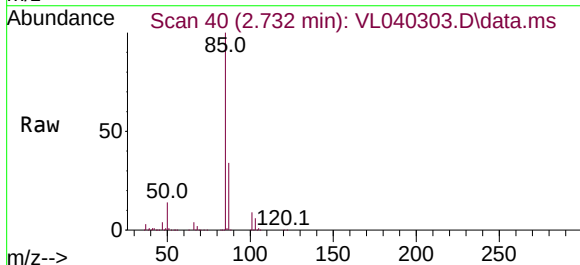
Manual Integrations
APPROVED

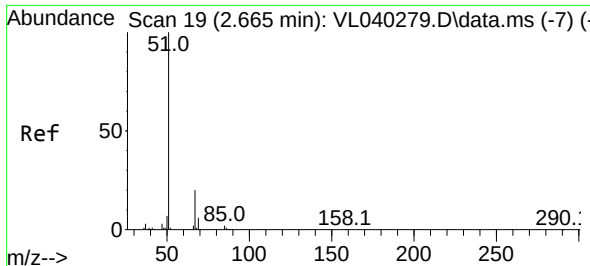
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#2
Dichlorodifluoromethane
Concen: 9.318 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.013 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

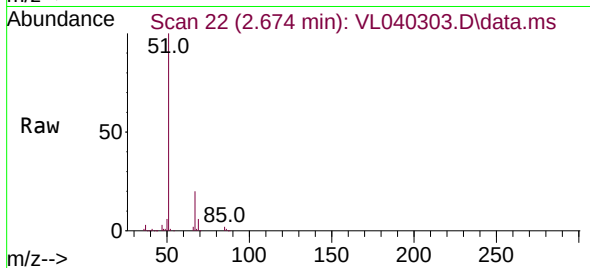
Tgt Ion: 85 Resp: 2004882
Ion Ratio Lower Upper
85 100
87 33.8 25.5 38.3





#3
Chlorodifluoromethane
Concen: 8.736 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

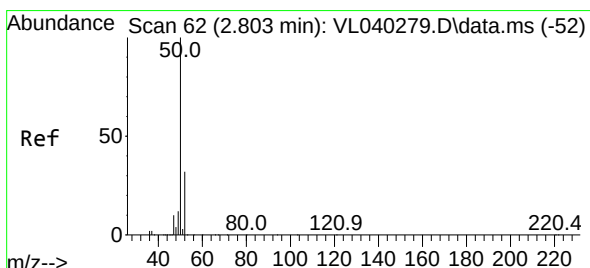
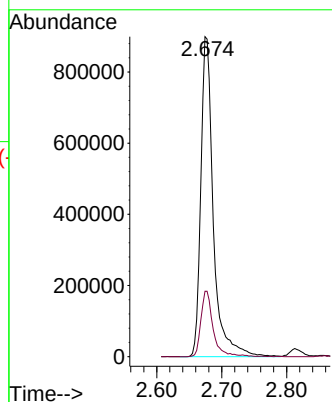
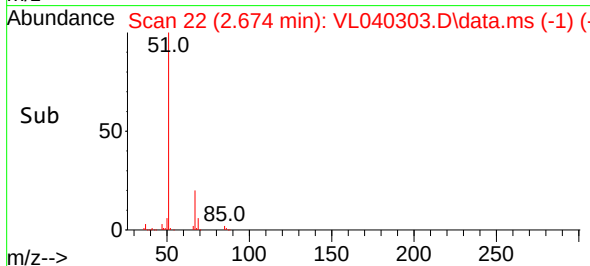
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



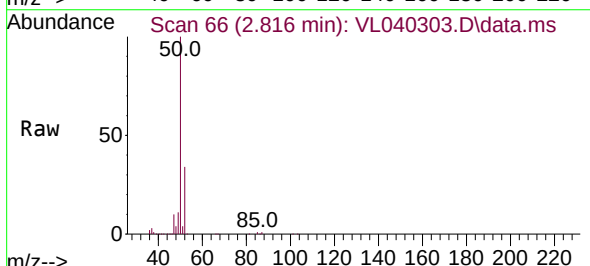
Tgt Ion: 51 Resp: 1204624
Ion Ratio Lower Upper
51 100
67 20.3 16.0 24.0

Manual Integrations
APPROVED

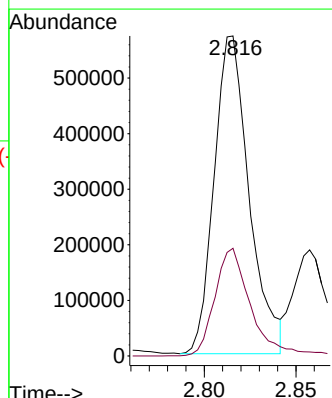
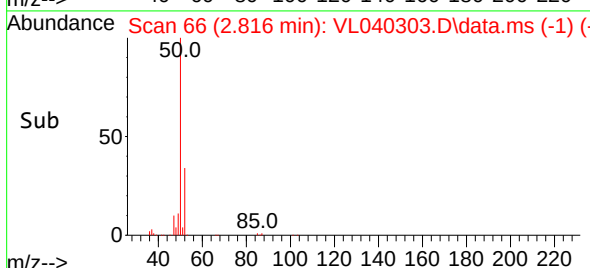
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

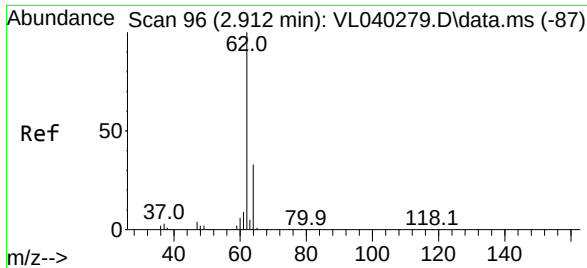


#4
Chloromethane
Concen: 8.913 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.013 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



Tgt Ion: 50 Resp: 758951
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9





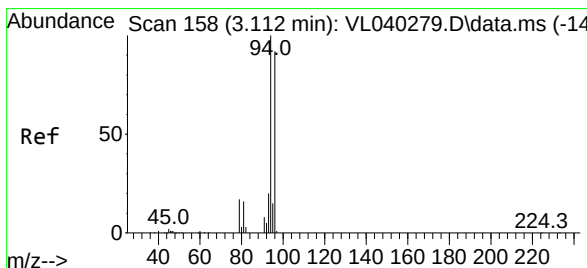
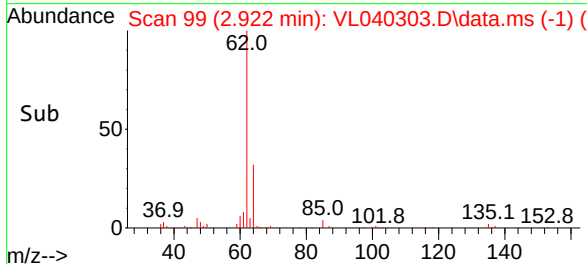
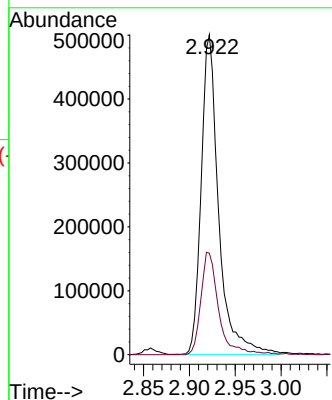
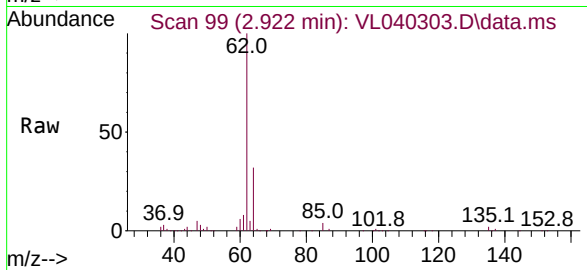
#5
 Vinyl Chloride
 Concen: 9.598 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.010 min
 Lab File: VL040303.D
 Acq: 4 Apr 2023 10:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABS01

Tgt Ion: 62 Resp: 661730
 Ion Ratio Lower Upper
 62 100
 64 31.8 26.4 39.6

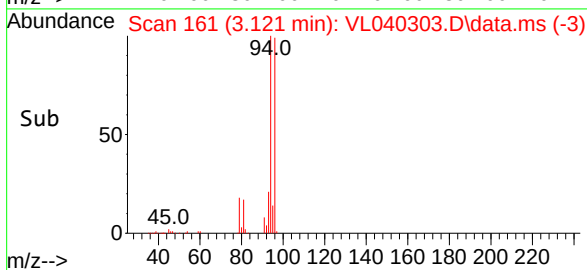
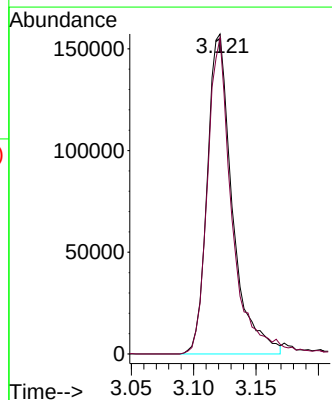
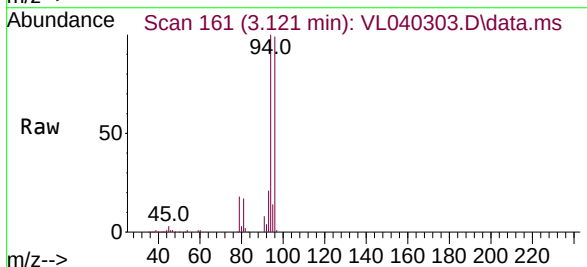
Manual Integrations
 APPROVED

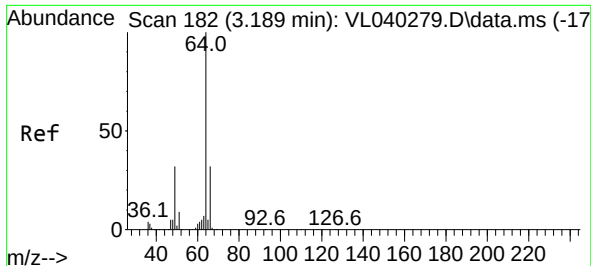
Reviewed By :Semsettin Yesilyurt 04/05/2023
 Supervised By :Mahesh Dadoda 04/05/2023



#6
 Bromomethane
 Concen: 9.231 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.009 min
 Lab File: VL040303.D
 Acq: 4 Apr 2023 10:49

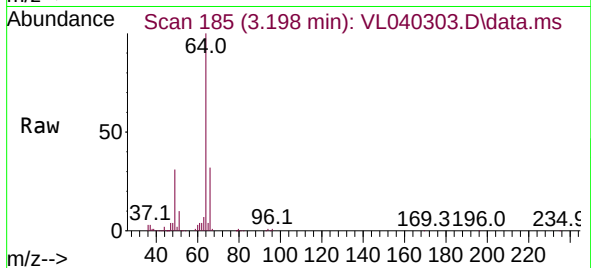
Tgt Ion: 94 Resp: 220693
 Ion Ratio Lower Upper
 94 100
 96 98.8 73.7 110.5





#7
Chloroethane
Concen: 9.405 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.009 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

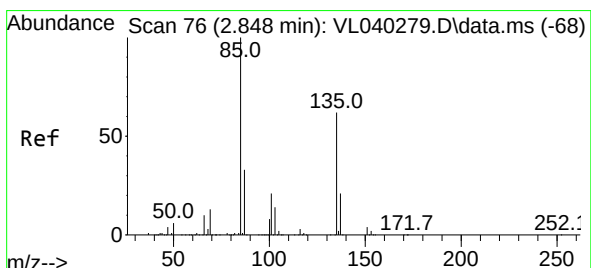
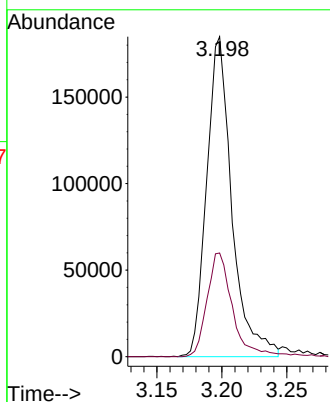
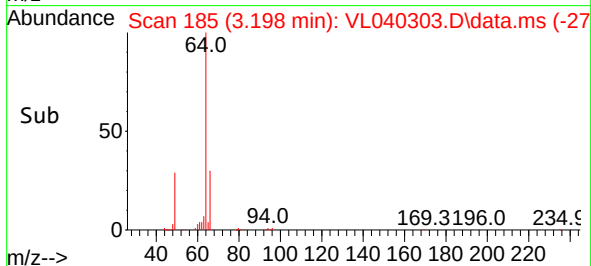
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



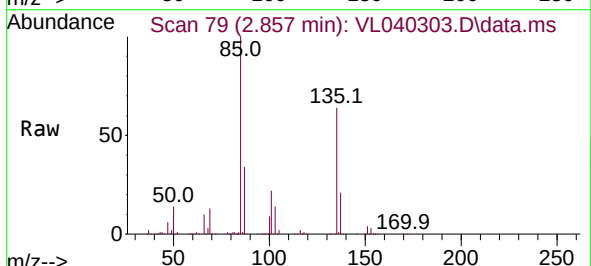
Tgt Ion: 64 Resp: 248944
Ion Ratio Lower Upper
64 100
66 32.4 25.5 38.3

Manual Integrations
APPROVED

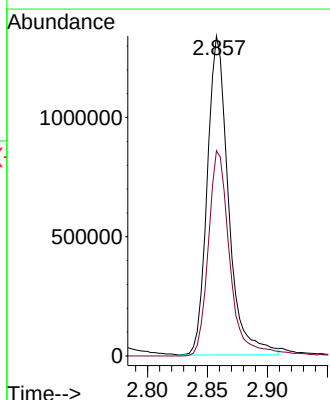
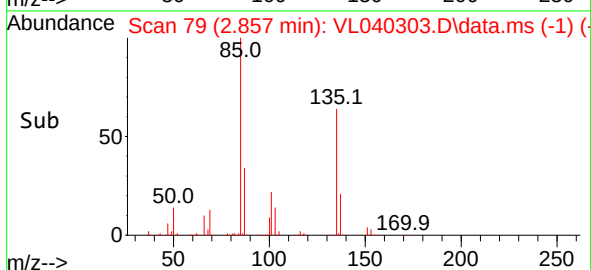
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

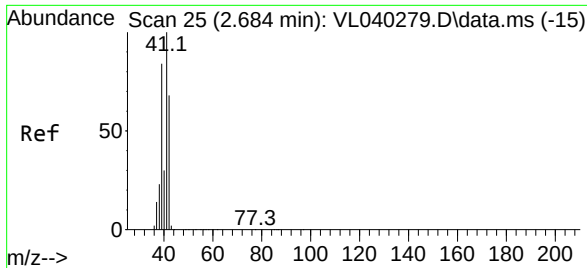


#8
Dichlorotetrafluoroethane
Concen: 8.949 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.009 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



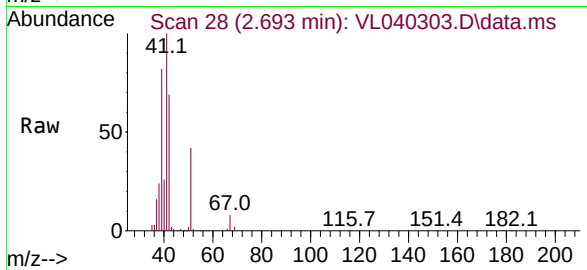
Tgt Ion: 85 Resp: 1648232
Ion Ratio Lower Upper
85 100
135 66.4 52.0 78.0





#9
 Propene
 Concen: 9.173 ppbv
 RT: 2.693 min Scan# 25
 Delta R.T. 0.009 min
 Lab File: VL040303.D
 Acq: 4 Apr 2023 10:49

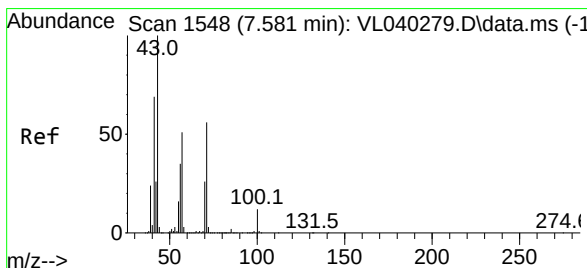
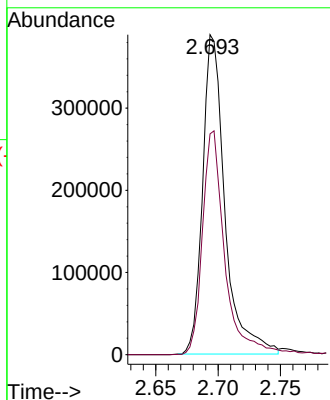
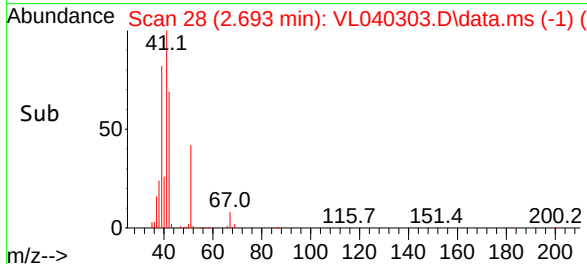
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABS01



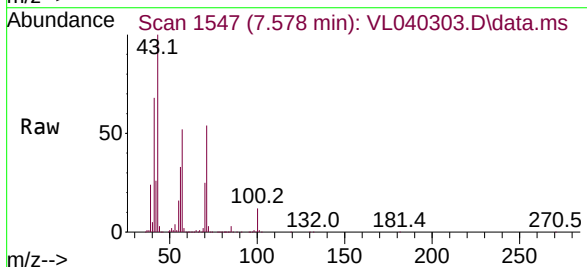
Tgt Ion: 41 Resp: 48457
 Ion Ratio Lower Upper
 41 100
 42 71.0 59.0 88.4

Manual Integrations
 APPROVED

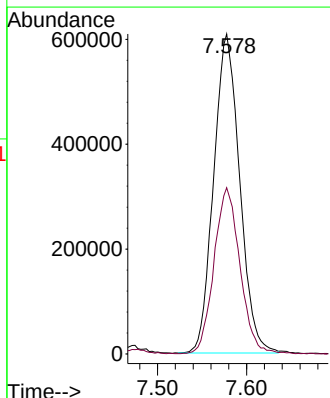
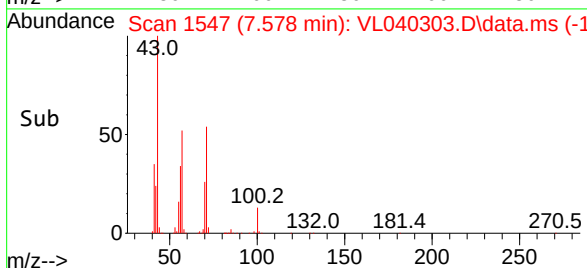
Reviewed By :Semsettin Yesilyurt 04/05/2023
 Supervised By :Mahesh Dadoda 04/05/2023

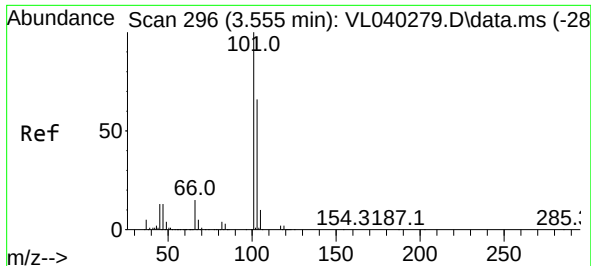


#10
 Heptane
 Concen: 9.712 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. -0.003 min
 Lab File: VL040303.D
 Acq: 4 Apr 2023 10:49



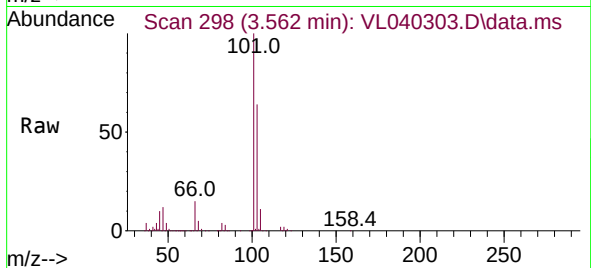
Tgt Ion: 43 Resp: 1234036
 Ion Ratio Lower Upper
 43 100
 57 52.0 41.7 62.5





#11
Trichlorofluoromethane
Concen: 9.117 ppbv
RT: 3.562 min Scan# 296
Delta R.T. 0.007 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

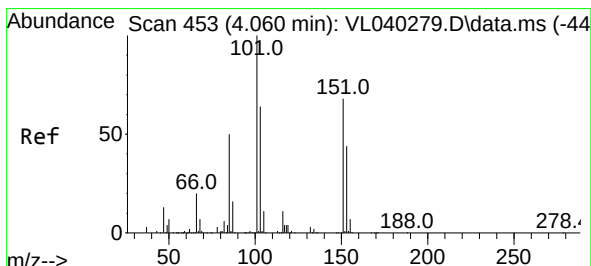
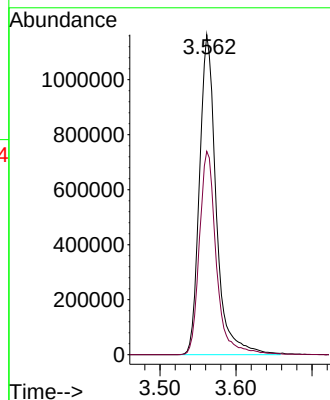
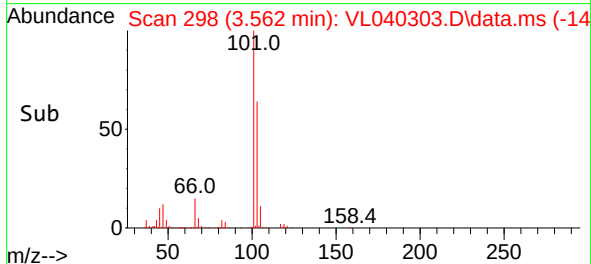
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



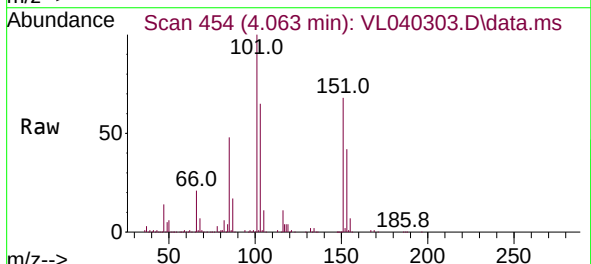
Tgt Ion:101 Resp: 177718
Ion Ratio Lower Upper
101 100
103 63.5 53.1 79.7

Manual Integrations
APPROVED

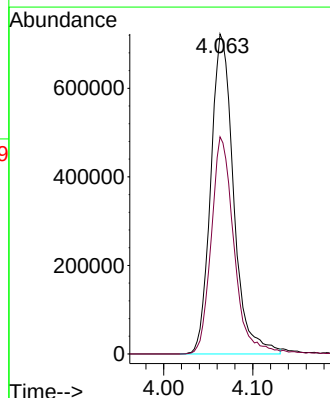
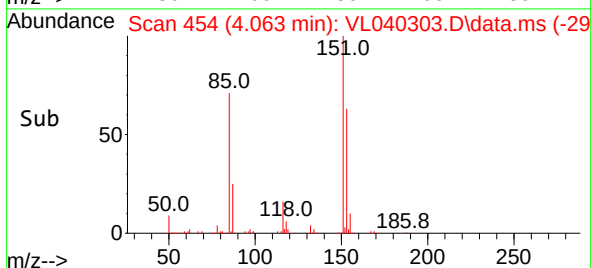
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

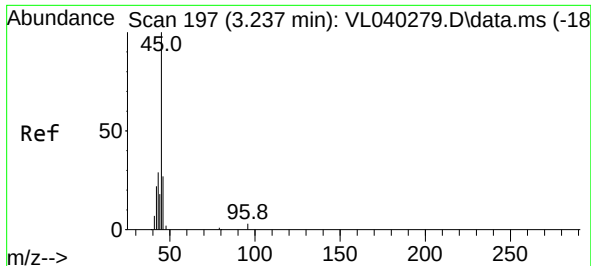


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.793 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



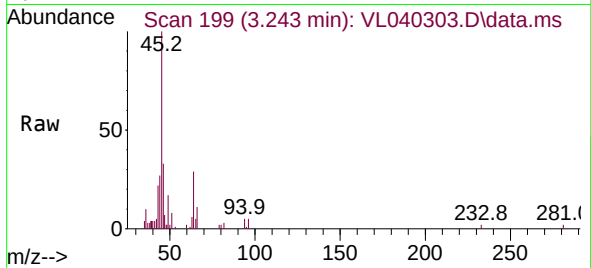
Tgt Ion:101 Resp: 1287384
Ion Ratio Lower Upper
101 100
151 68.0 53.2 79.8





#13
Ethanol
Concen: 7.670 ppbv m
RT: 3.243 min Scan# 197
Delta R.T. 0.006 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

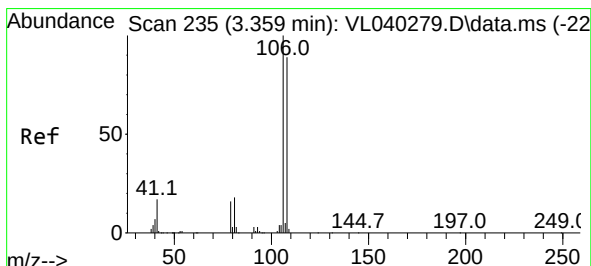
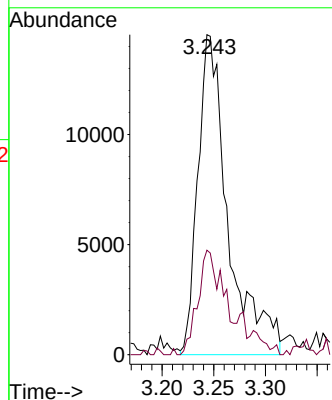
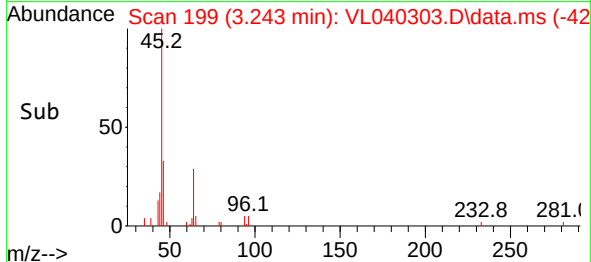
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



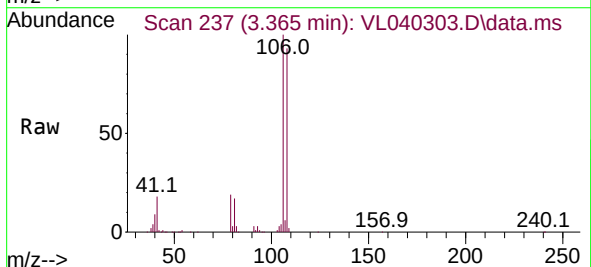
Tgt Ion: 45 Resp: 29719
Ion Ratio Lower Upper
45 100
46 35.1 15.0 60.2

Manual Integrations
APPROVED

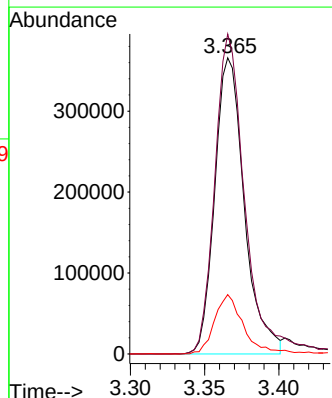
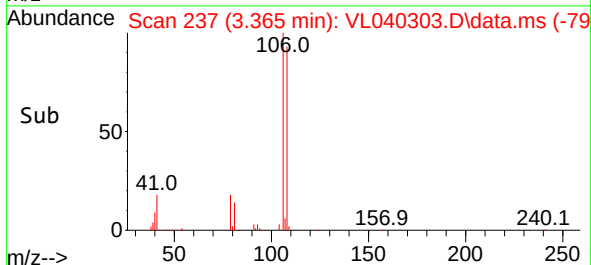
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

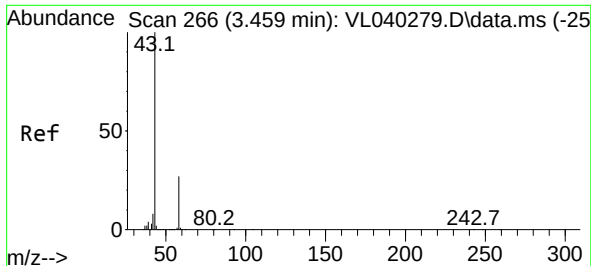


#14
Bromoethene
Concen: 9.298 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.006 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



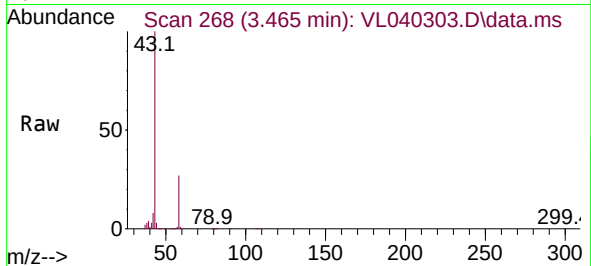
Tgt Ion:108 Resp: 507786
Ion Ratio Lower Upper
108 100
106 112.4 85.8 128.8
79 20.4 15.8 23.6





#15
Acetone
Concen: 8.507 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

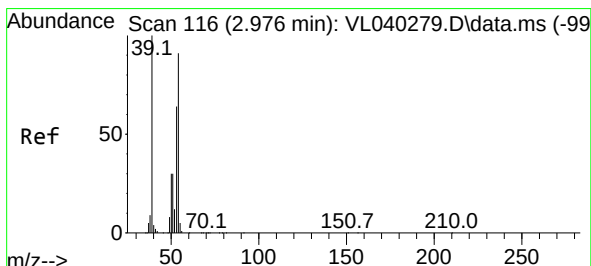
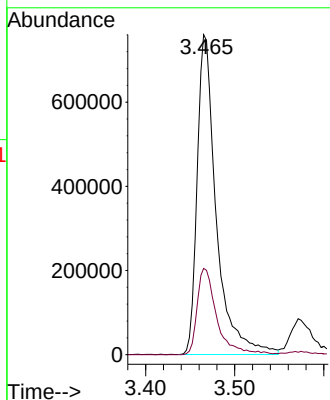
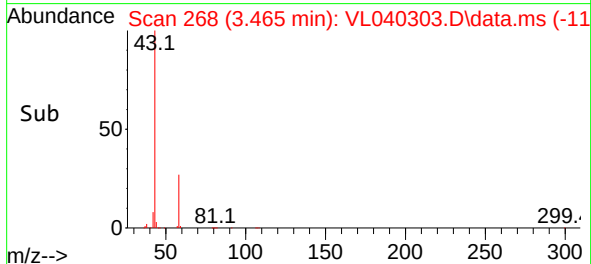
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



Tgt Ion: 43 Resp: 113576
Ion Ratio Lower Upper
43 100
58 27.8 21.8 32.8

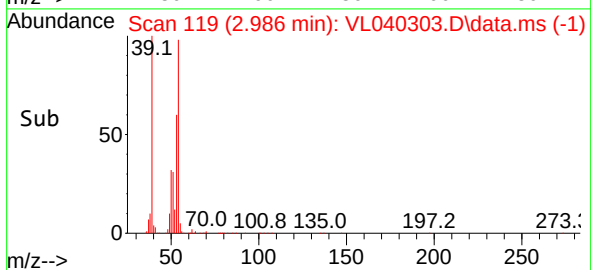
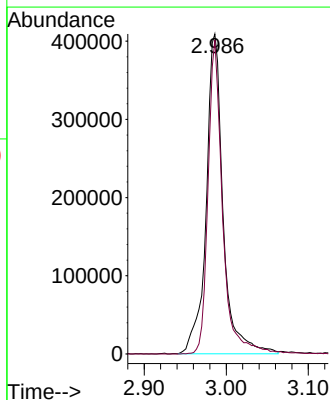
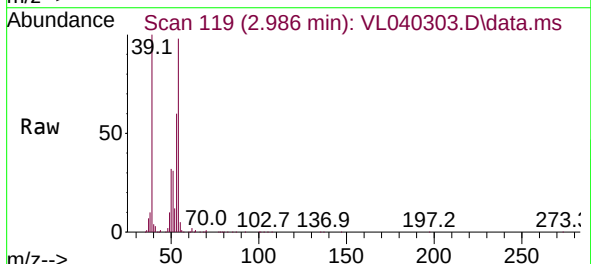
Manual Integrations
APPROVED

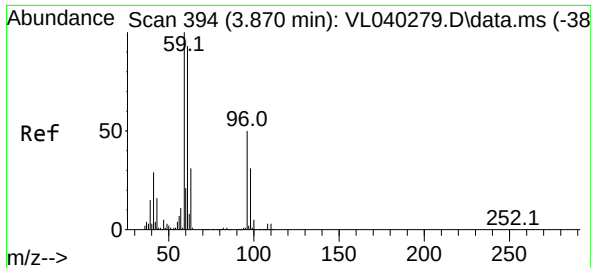
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#16
1,3-Butadiene
Concen: 9.713 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.010 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

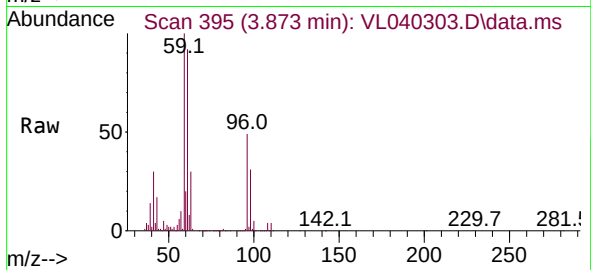
Tgt Ion: 39 Resp: 589440
Ion Ratio Lower Upper
39 100
54 84.7 68.4 102.6





#17
tert-Butyl alcohol
Concen: 9.373 ppbv
RT: 3.873 min Scan# 394
Delta R.T. 0.003 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

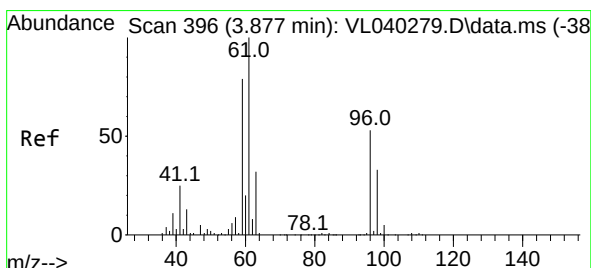
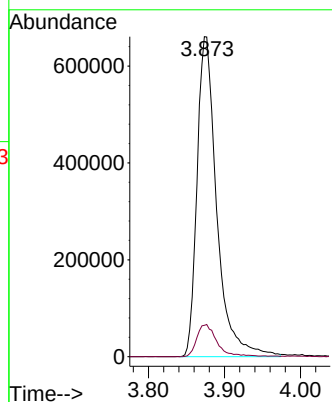
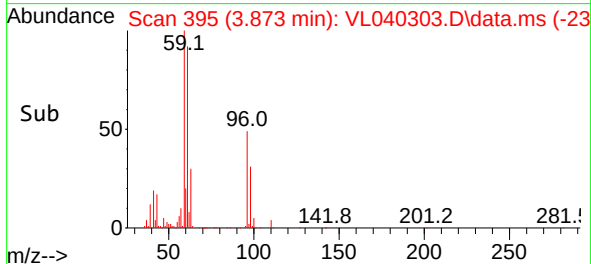
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



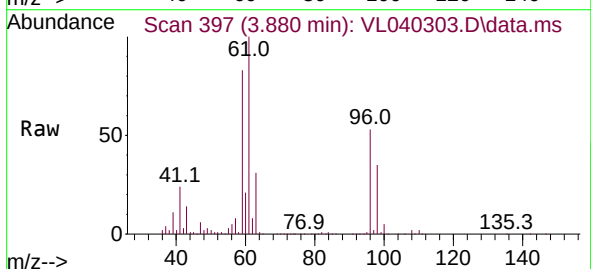
Tgt Ion: 59 Resp: 118923
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

Manual Integrations
APPROVED

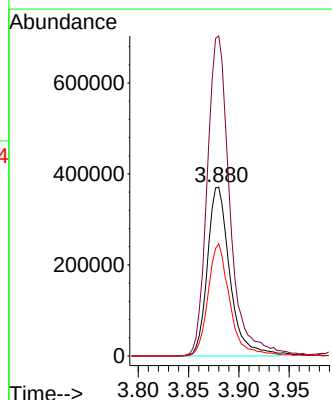
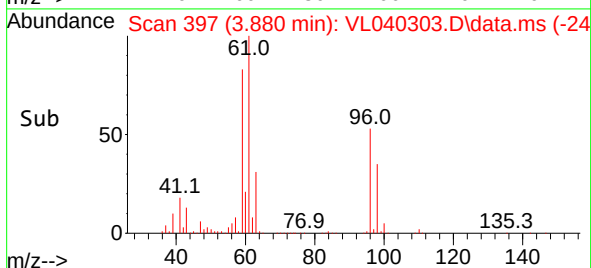
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

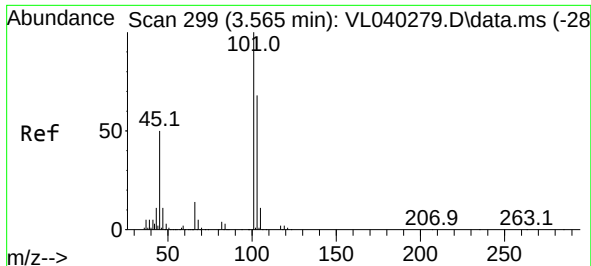


#18
1,1-Dichloroethene
Concen: 9.183 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.003 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



Tgt Ion: 96 Resp: 576768
Ion Ratio Lower Upper
96 100
61 189.5 150.6 226.0
98 66.4 50.3 75.5





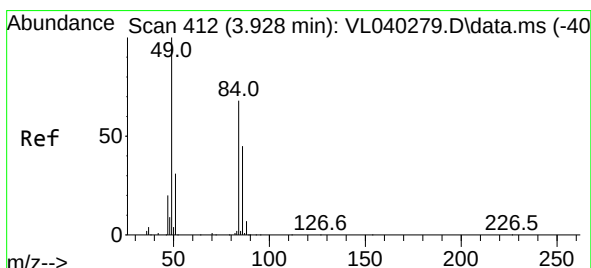
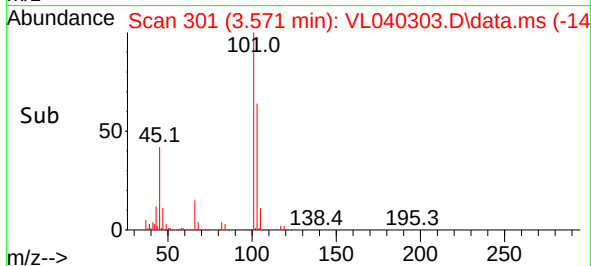
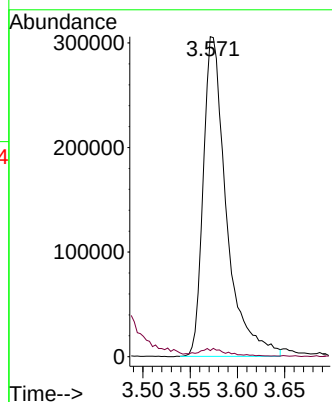
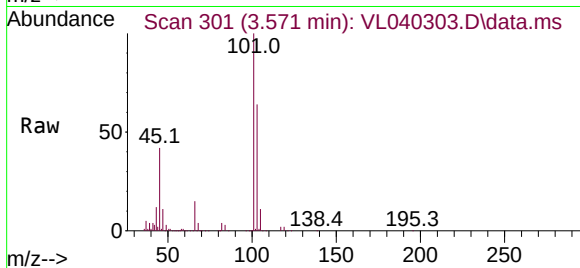
#19
Isopropyl Alcohol
Concen: 8.146 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.006 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 45 Resp: 520948
Ion Ratio Lower Upper
45 100
58 2.9 2.7 4.1

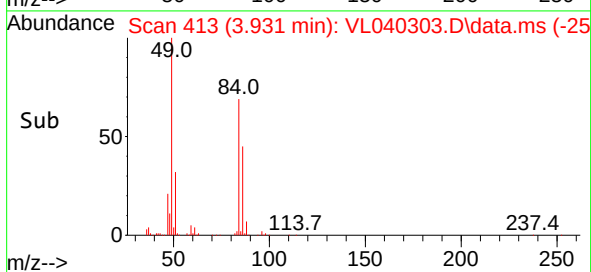
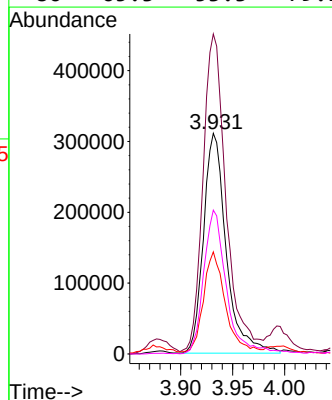
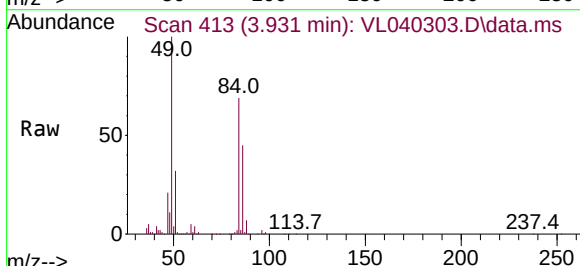
Manual Integrations
APPROVED

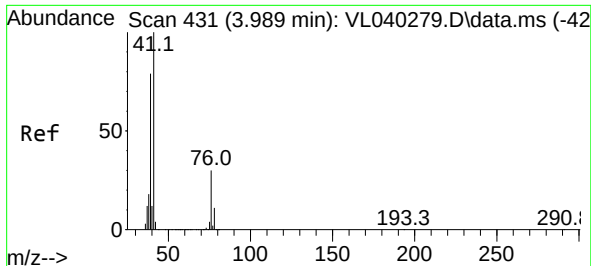
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#20
Methylene Chloride
Concen: 8.432 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.003 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

Tgt Ion: 84 Resp: 473581
Ion Ratio Lower Upper
84 100
49 144.6 117.5 176.3
51 45.5 36.9 55.3
86 65.3 53.3 79.9





#21

Allyl Chloride

Concen: 9.322 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL040303.D

Acq: 4 Apr 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion: 41 Resp: 80611

Ion Ratio Lower Upper

41 100

76 32.3 25.4 38.0

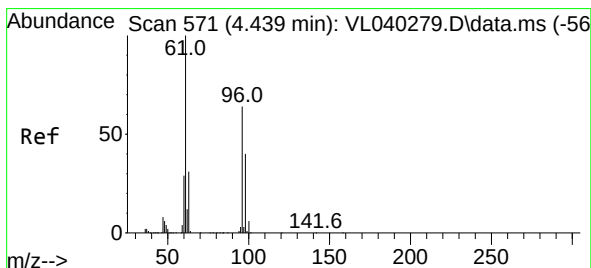
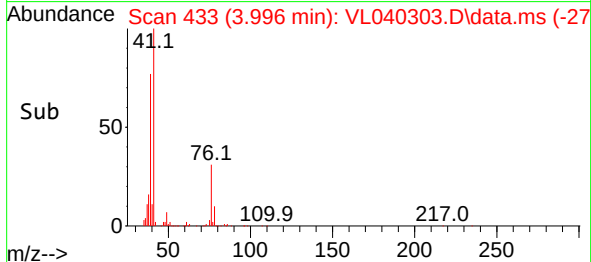
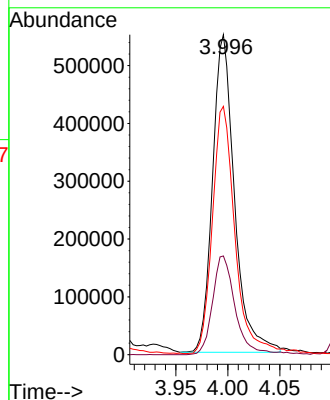
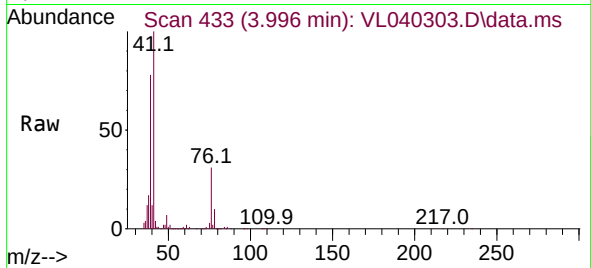
39 80.9 65.4 98.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023

Supervised By :Mahesh Dadoda 04/05/2023



#22

trans-1,2-Dichloroethene

Concen: 9.303 ppbv

RT: 4.443 min Scan# 572

Delta R.T. 0.004 min

Lab File: VL040303.D

Acq: 4 Apr 2023 10:49

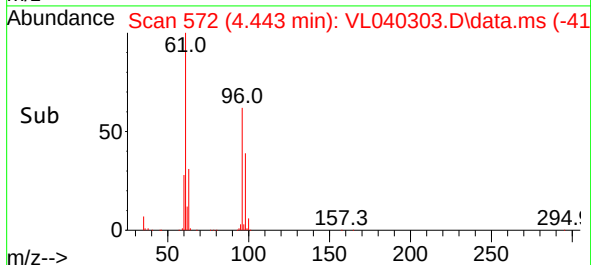
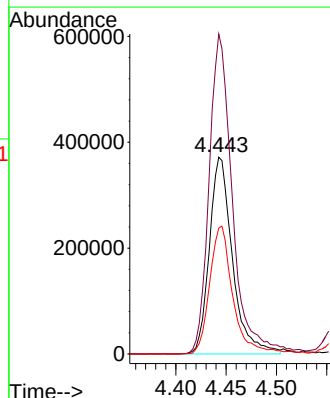
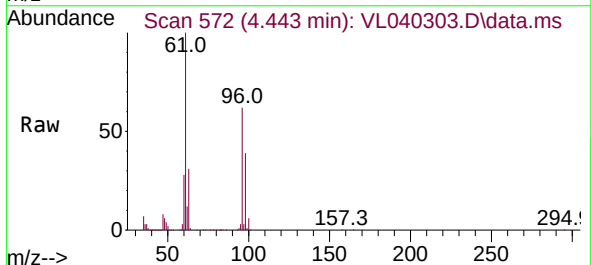
Tgt Ion: 96 Resp: 594699

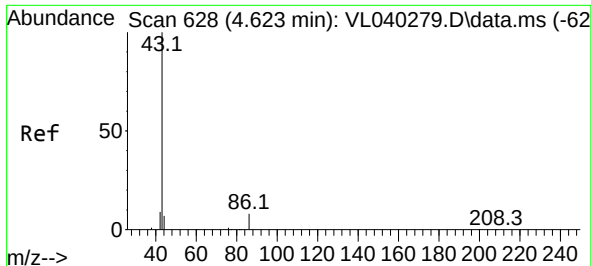
Ion Ratio Lower Upper

96 100

61 162.5 125.4 188.2

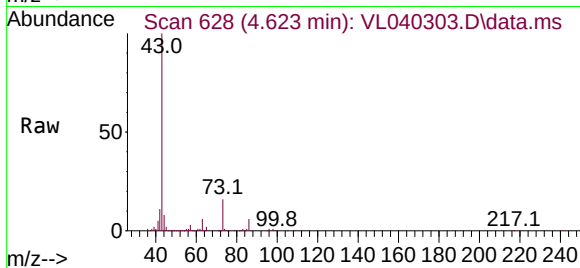
98 64.0 49.8 74.6





#23
 Vinyl Acetate
 Concen: 9.762 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL040303.D
 Acq: 4 Apr 2023 10:49

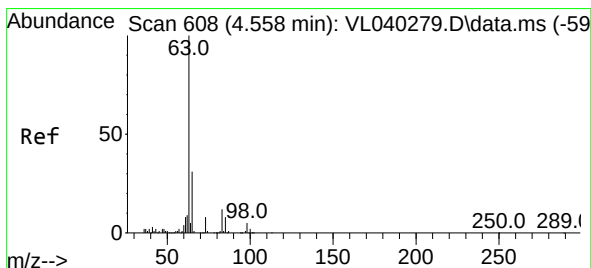
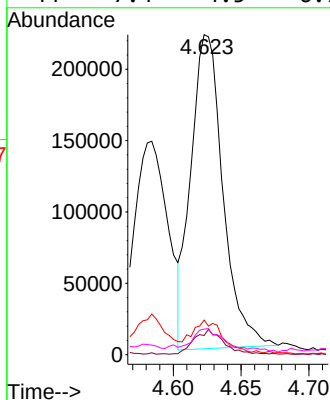
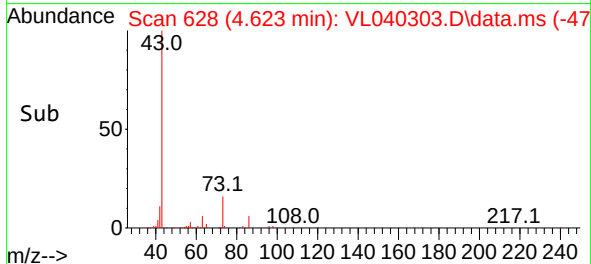
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0404ABS01



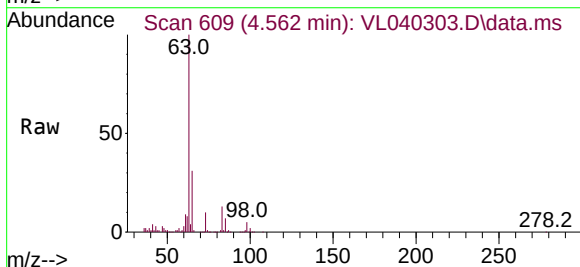
Tgt Ion: 43 Resp: 362574
 Ion Ratio Lower Upper
 43 100
 86 6.0 5.0 7.4
 42 10.5 9.1 13.7
 44 7.4 4.5 6.7#

Manual Integrations
 APPROVED

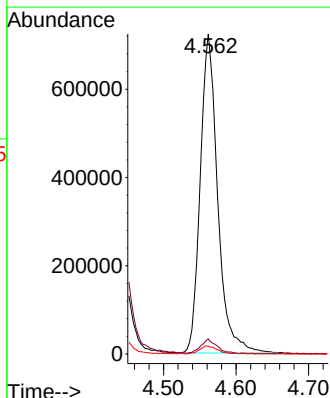
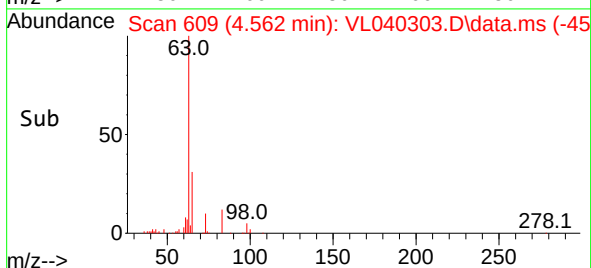
Reviewed By :Semsettin Yesilyurt 04/05/2023
 Supervised By :Mahesh Dadoda 04/05/2023

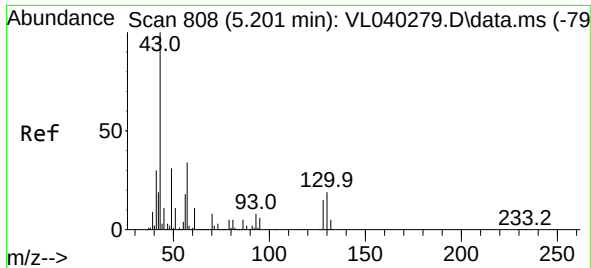


#24
 1,1-Dichloroethane
 Concen: 9.121 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.004 min
 Lab File: VL040303.D
 Acq: 4 Apr 2023 10:49



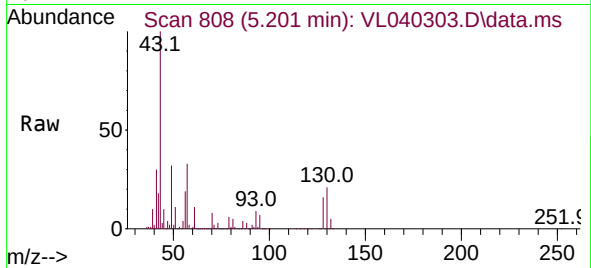
Tgt Ion: 63 Resp: 1208330
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.4 7.2
 100 2.4 1.2 3.6





#25
Ethyl Acetate
Concen: 9.163 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

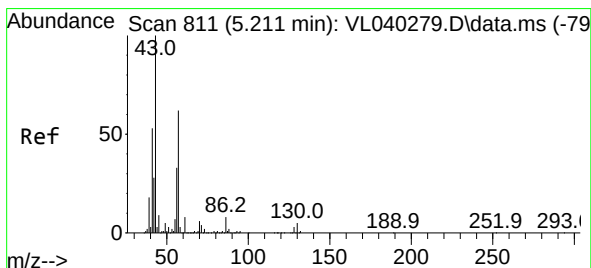
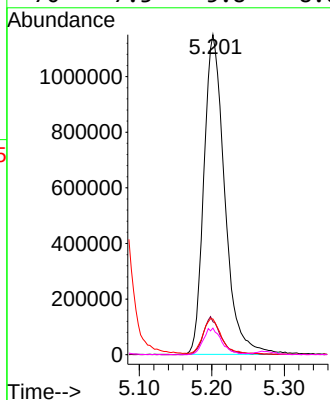
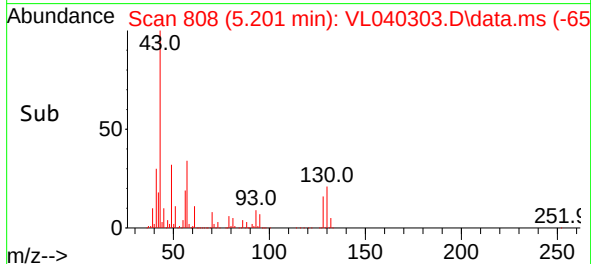


Tgt Ion: 43 Resp: 2290279

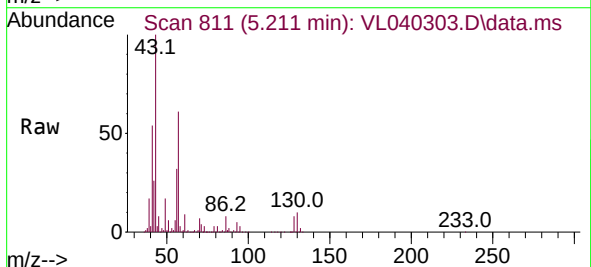
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.6	12.8
61	10.9	8.4	12.6
70	7.3	5.8	8.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

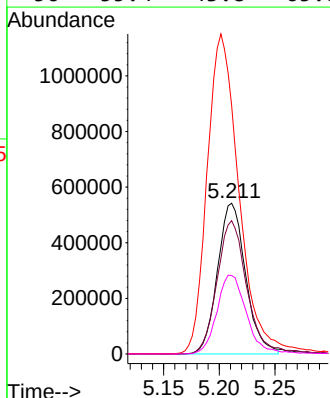
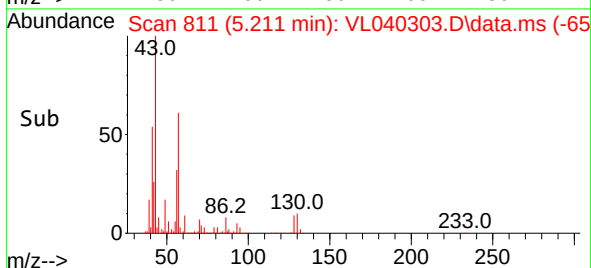


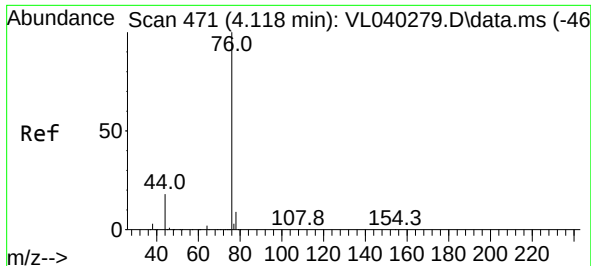
#26
Hexane
Concen: 9.286 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



Tgt Ion: 57 Resp: 952703

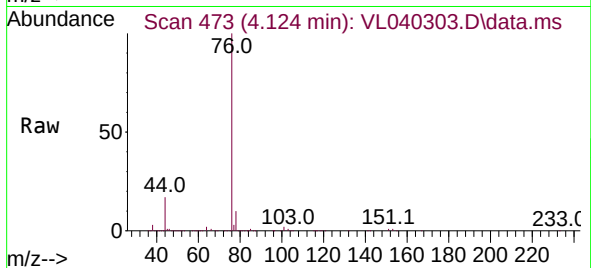
Ion	Ratio	Lower	Upper
57	100		
41	95.1	73.5	110.3
43	242.4	196.3	294.5
56	55.4	43.8	65.8





#27
Carbon Disulfide
Concen: 9.711 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

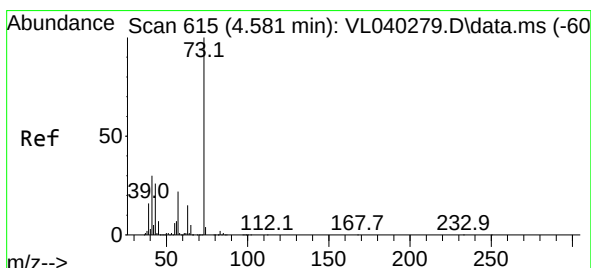
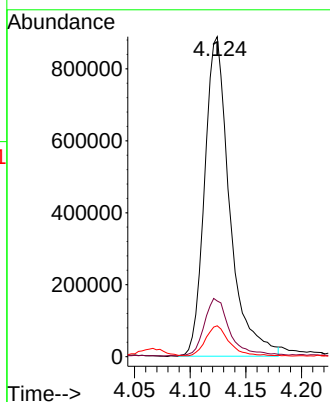
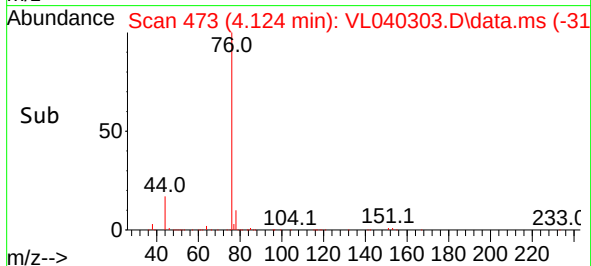
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



Tgt Ion: 76 Resp: 1391600
Ion Ratio Lower Upper
76 100
44 19.3 15.2 22.8
78 9.2 7.6 11.4

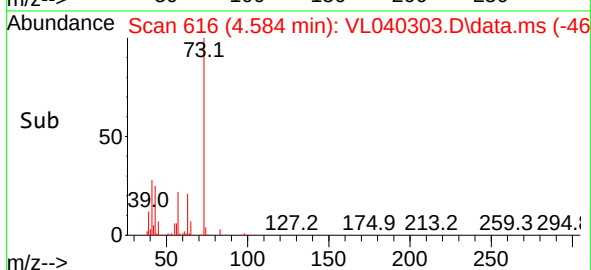
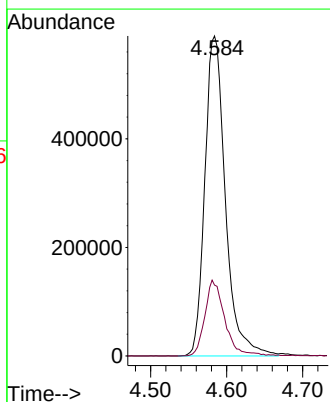
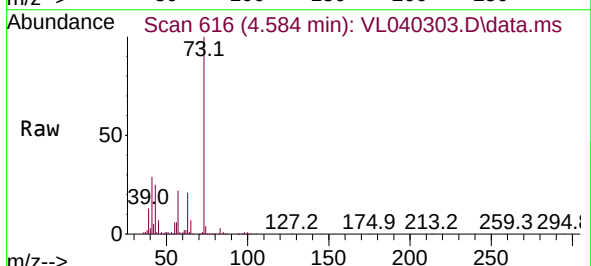
Manual Integrations
APPROVED

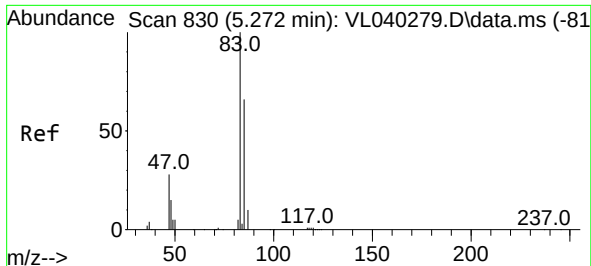
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#28
Methyl tert-Butyl Ether
Concen: 9.413 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.003 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

Tgt Ion: 73 Resp: 1108849
Ion Ratio Lower Upper
73 100
57 23.2 18.4 27.6





#29

Chloroform

Concen: 9.434 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040303.D

Acq: 4 Apr 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion: 83 Resp: 1709184

Ion Ratio Lower Upper

83 100

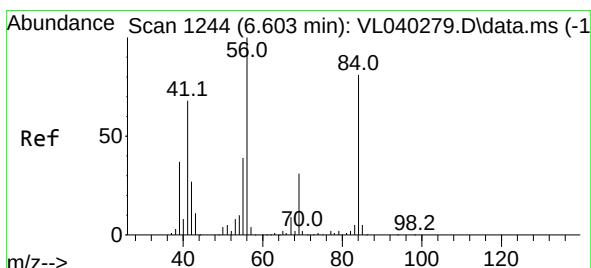
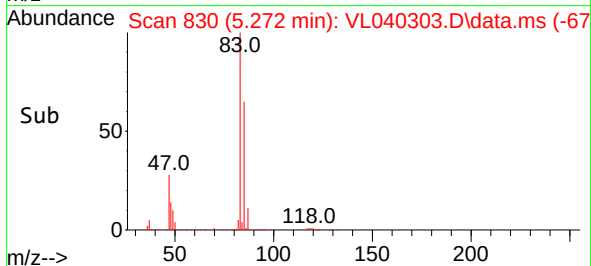
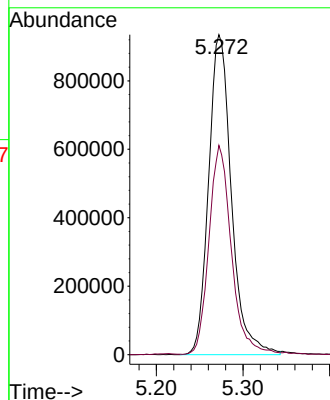
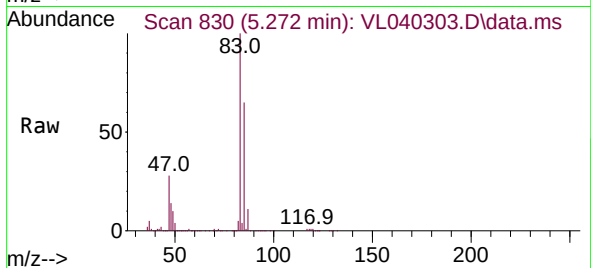
85 65.2 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023

Supervised By :Mahesh Dadoda 04/05/2023



#30

Cyclohexane

Concen: 10.291 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VL040303.D

Acq: 4 Apr 2023 10:49

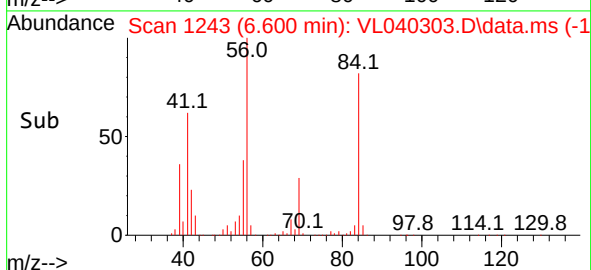
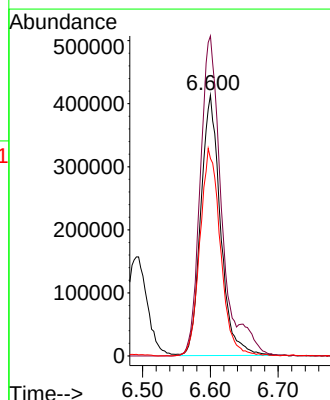
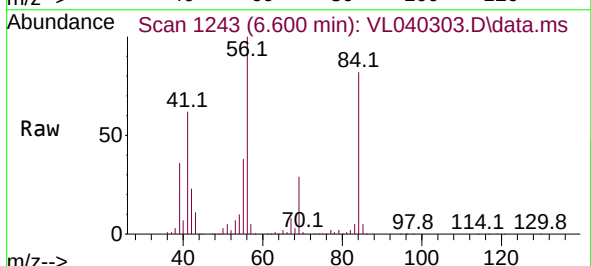
Tgt Ion: 84 Resp: 831989

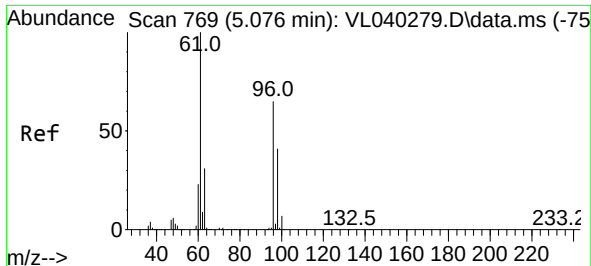
Ion Ratio Lower Upper

84 100

56 134.8 109.0 163.4

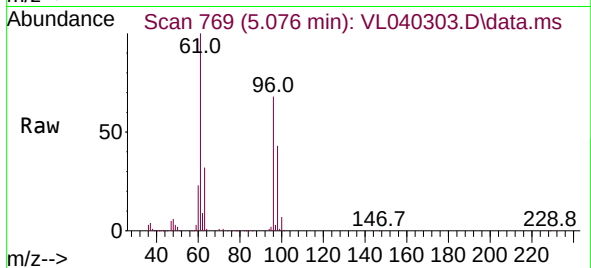
41 82.8 67.9 101.9





#31
 cis-1,2-Dichloroethene
 Concen: 10.066 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VL040303.D
 Acq: 4 Apr 2023 10:49

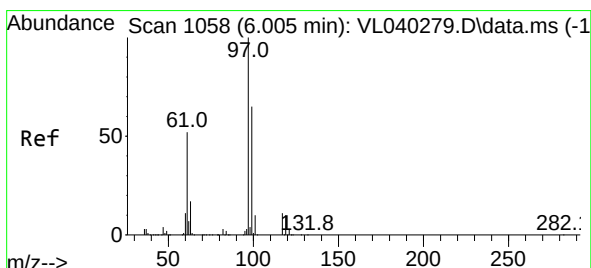
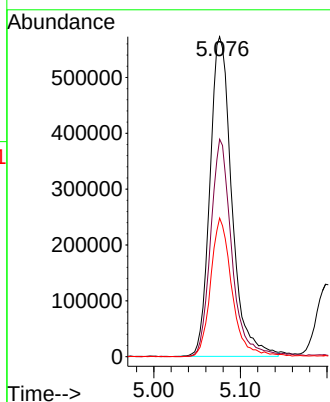
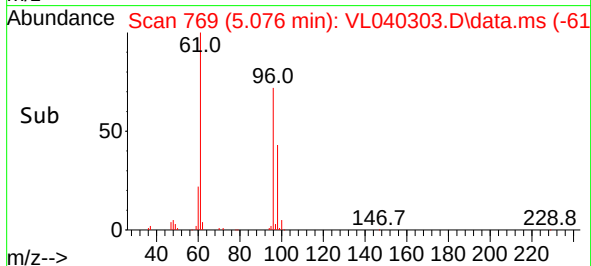
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABS01



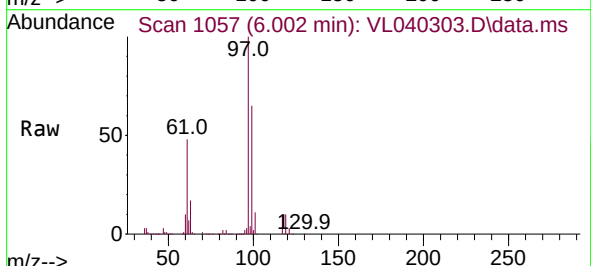
Tgt Ion: 61 Resp: 1005798
 Ion Ratio Lower Upper
 61 100
 96 68.0 51.8 77.8
 98 43.3 32.5 48.7

Manual Integrations
 APPROVED

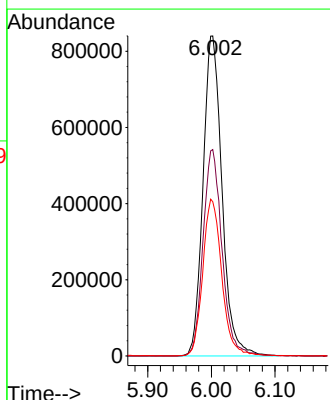
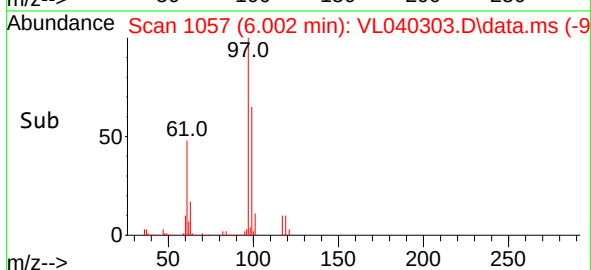
Reviewed By :Semsettin Yesilyurt 04/05/2023
 Supervised By :Mahesh Dadoda 04/05/2023

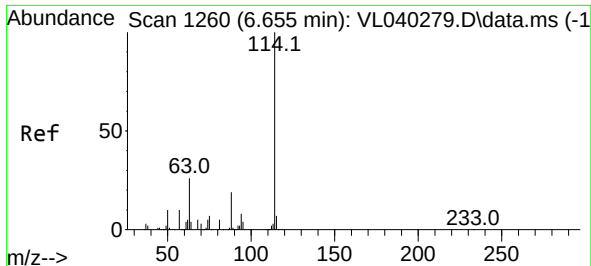


#32
 1,1,1-Trichloroethane
 Concen: 10.036 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.003 min
 Lab File: VL040303.D
 Acq: 4 Apr 2023 10:49



Tgt Ion: 97 Resp: 1741861
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.2 78.2
 61 49.2 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1114

Delta R.T. -0.003 min

Lab File: VL040303.D

Acq: 4 Apr 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion:114 Resp: 2737764

Ion Ratio Lower Upper

114 100

63 26.5 21.2 31.8

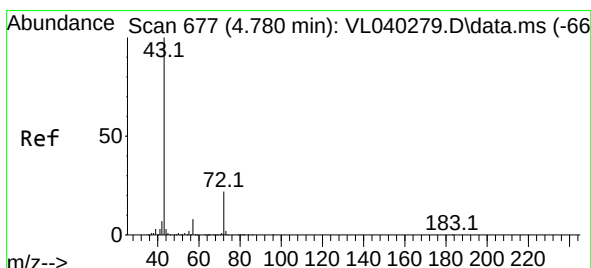
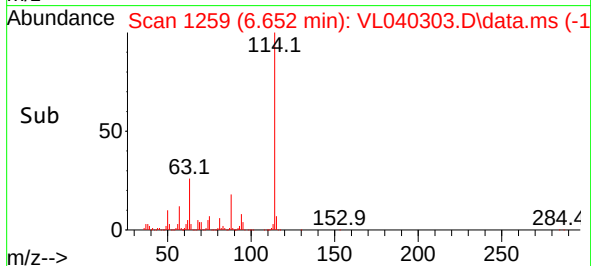
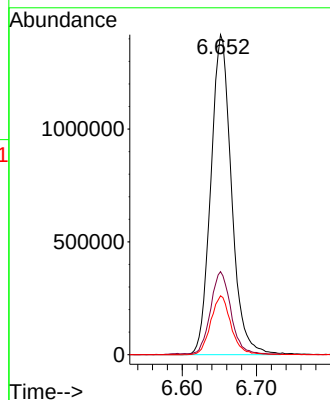
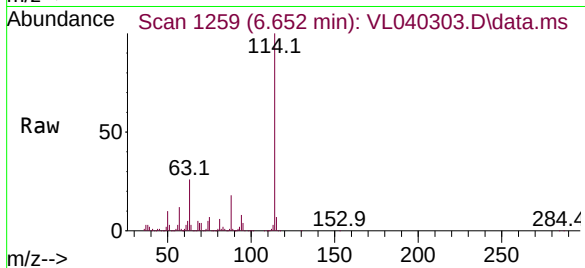
88 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023

Supervised By :Mahesh Dadoda 04/05/2023



#34

2-Butanone

Concen: 9.252 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.003 min

Lab File: VL040303.D

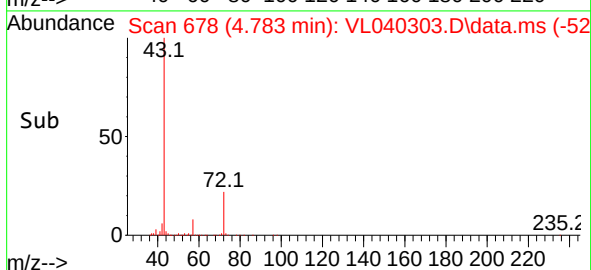
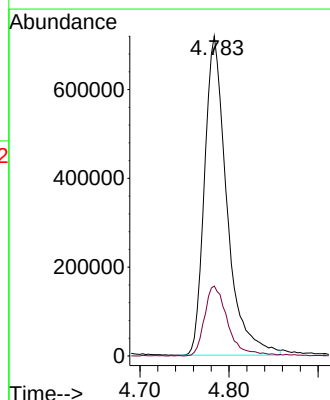
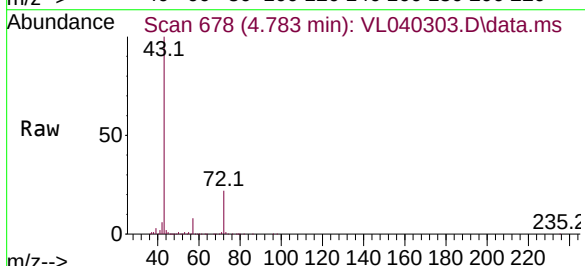
Acq: 4 Apr 2023 10:49

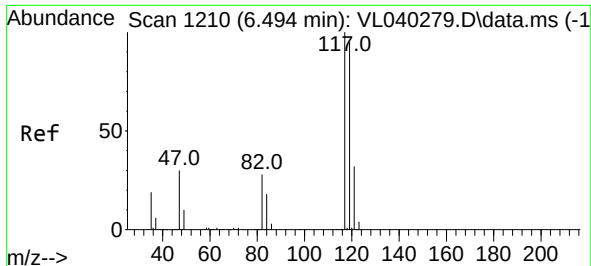
Tgt Ion: 43 Resp: 1250137

Ion Ratio Lower Upper

43 100

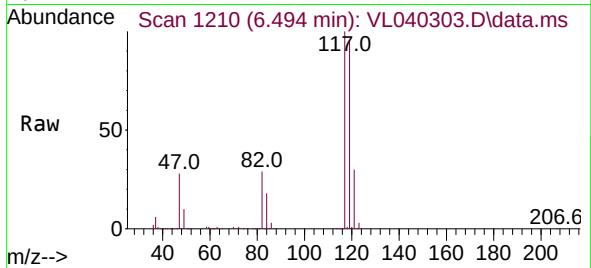
72 23.2 18.3 27.5





#35
Carbon Tetrachloride
Concen: 10.378 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

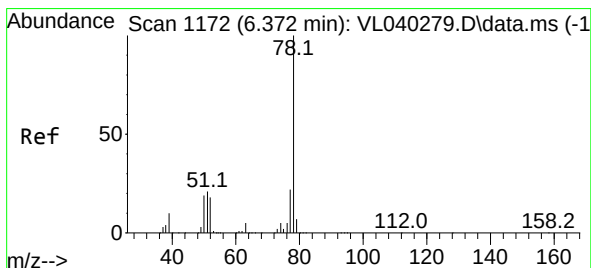
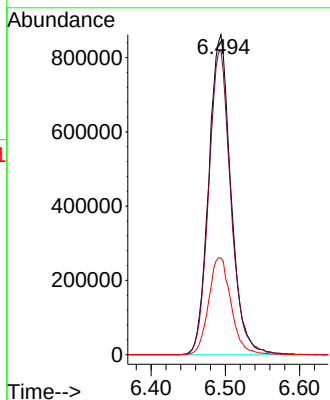
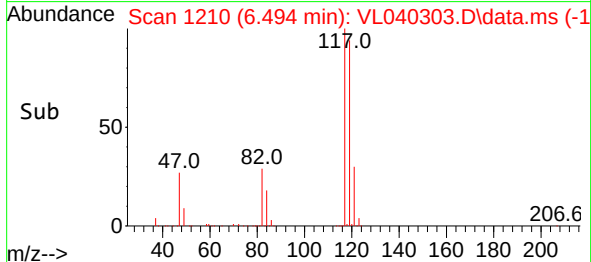
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



Tgt Ion: 117 Resp: 178296
Ion Ratio Lower Upper
117 100
119 95.2 76.4 114.6
121 30.2 25.6 38.4

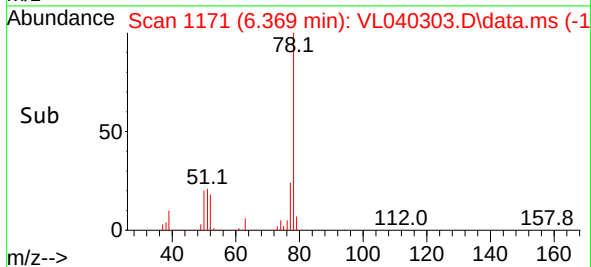
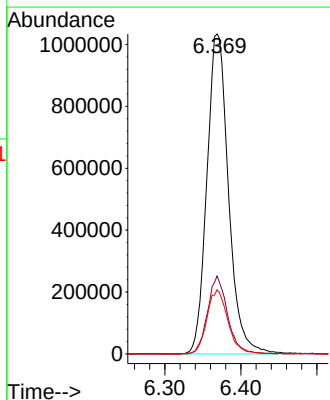
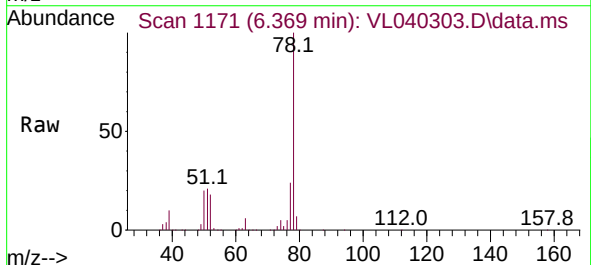
Manual Integrations
APPROVED

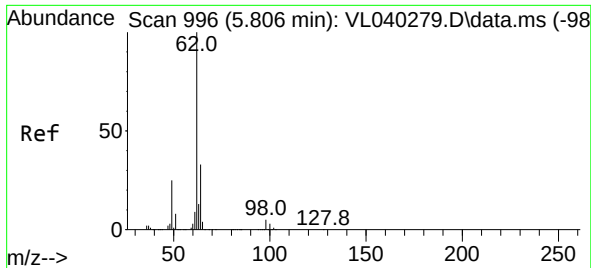
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#36
Benzene
Concen: 9.796 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.003 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

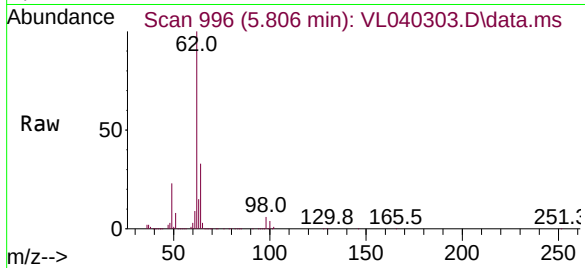
Tgt Ion: 78 Resp: 2043911
Ion Ratio Lower Upper
78 100
77 24.4 17.8 26.8
50 20.0 15.4 23.2





#37
1,2-Dichloroethane
Concen: 9.678 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.000 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

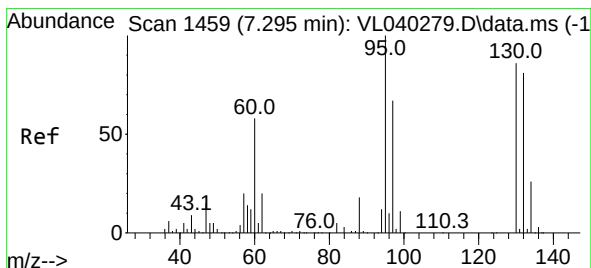
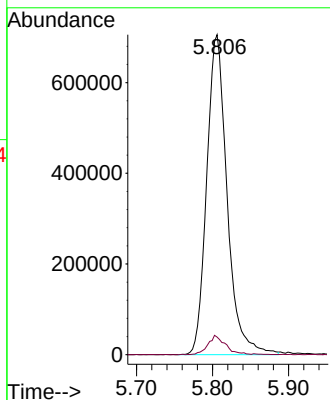
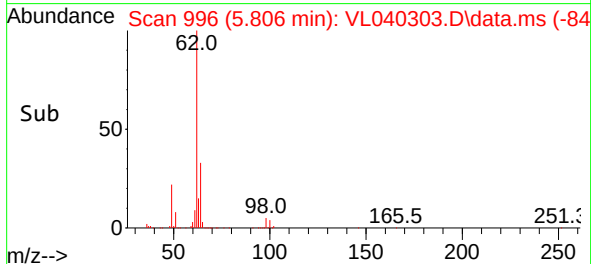
Instrument : MSVOA_L
ClientSampleId : VL0404ABS01



Tgt Ion: 62 Resp: 1314308
Ion Ratio Lower Upper
62 100
98 5.4 4.3 6.5

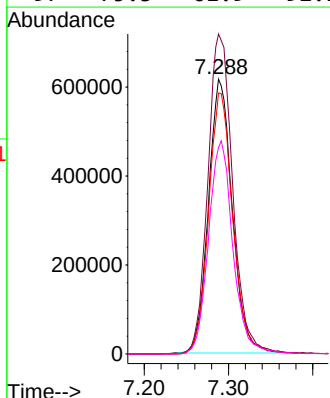
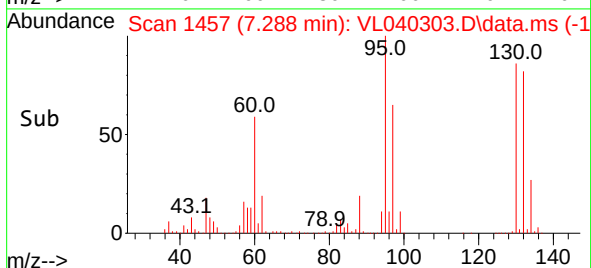
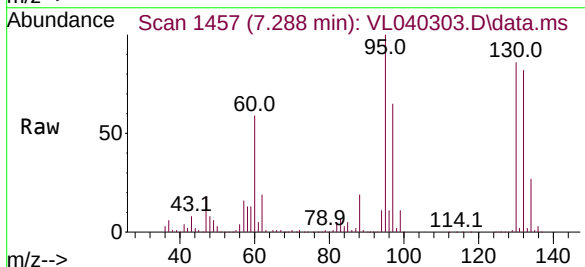
Manual Integrations
APPROVED

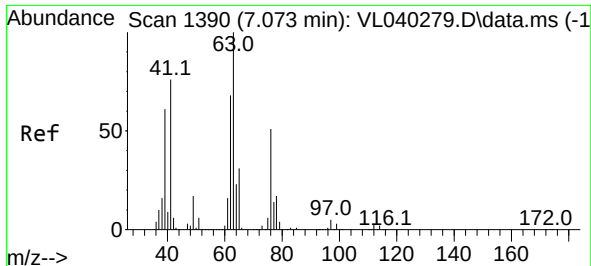
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#38
Trichloroethene
Concen: 10.607 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.007 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

Tgt Ion:130 Resp: 1209338
Ion Ratio Lower Upper
130 100
95 116.7 93.0 139.4
132 95.2 75.3 112.9
97 75.3 61.9 92.9





#39

1,2-Dichloropropane

Concen: 9.637 ppbv

RT: 7.069 min Scan# 1389

Delta R.T. -0.004 min

Lab File: VL040303.D

Acq: 4 Apr 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion: 63 Resp: 788810

Ion Ratio Lower Upper

63 100

41 75.7 60.8 91.2

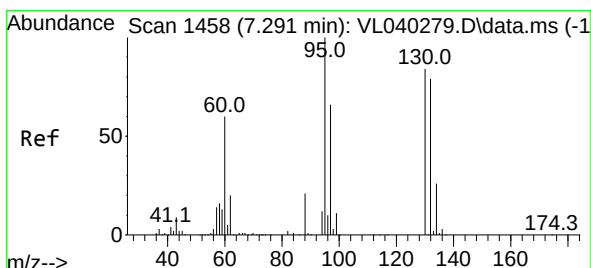
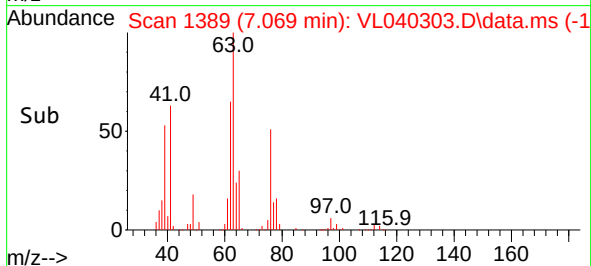
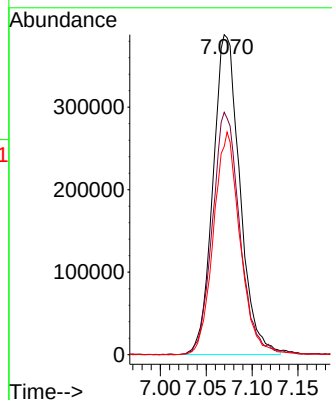
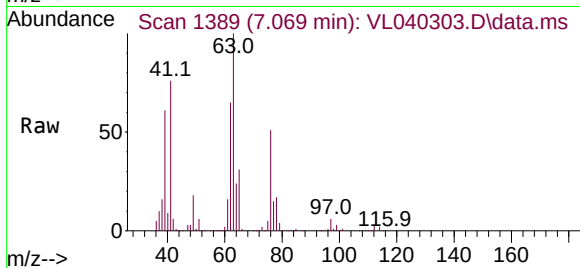
62 65.0 54.1 81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023

Supervised By :Mahesh Dadoda 04/05/2023



#40

1,4-Dioxane

Concen: 9.051 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.009 min

Lab File: VL040303.D

Acq: 4 Apr 2023 10:49

Tgt Ion: 88 Resp: 293119

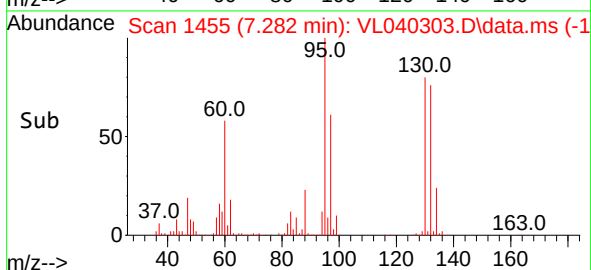
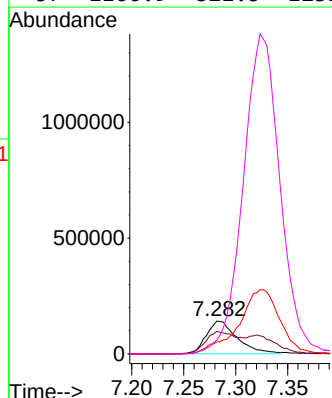
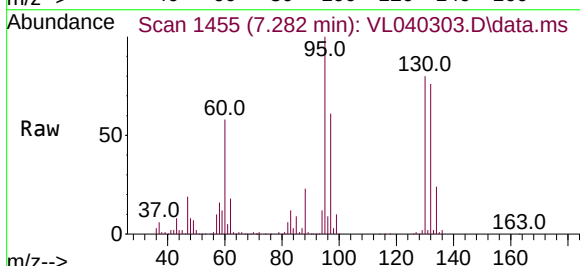
Ion Ratio Lower Upper

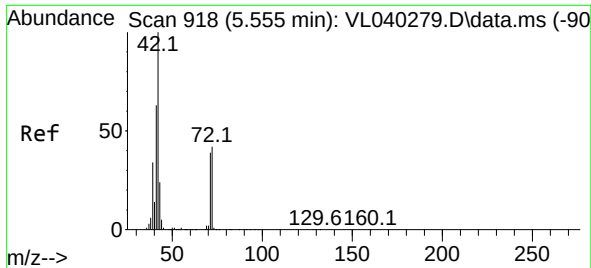
88 100

58 126.6 96.0 144.0

43 263.3 187.6 281.4

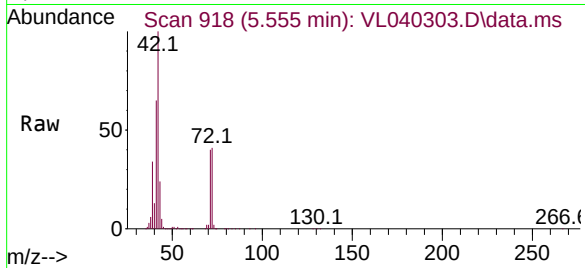
57 1166.9 821.5 1232.3





#41
Tetrahydrofuran
Concen: 9.548 ppbv
RT: 5.555 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

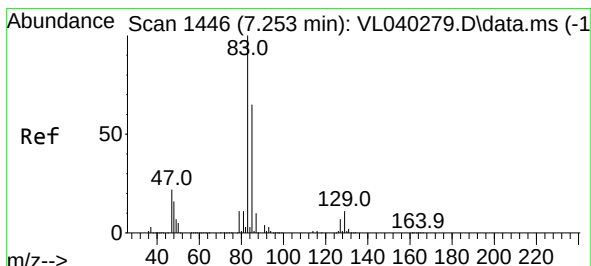
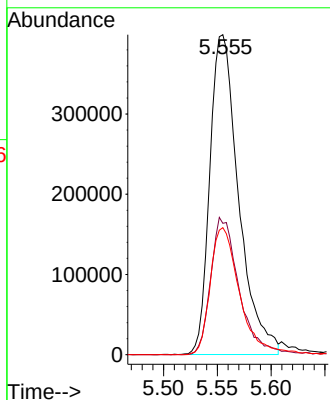
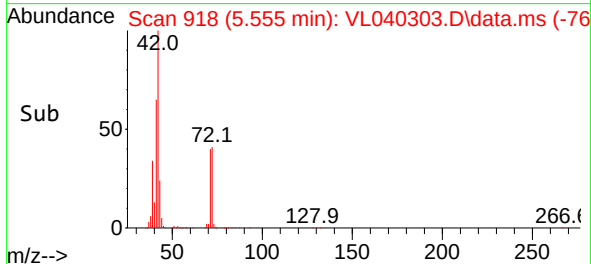
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



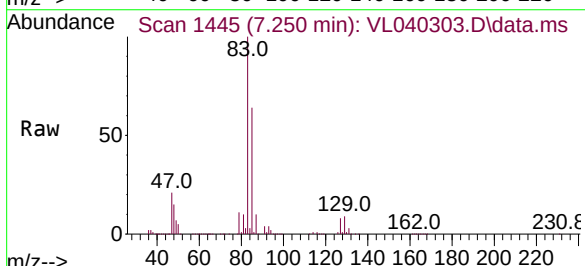
Tgt Ion: 42 Resp: 744600
Ion Ratio Lower Upper
42 100
72 42.6 32.6 49.0
71 40.9 31.0 46.4

Manual Integrations
APPROVED

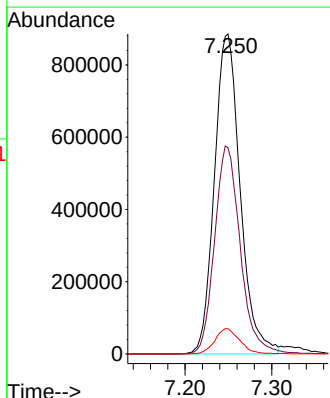
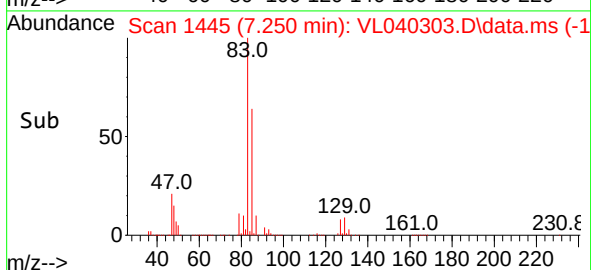
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

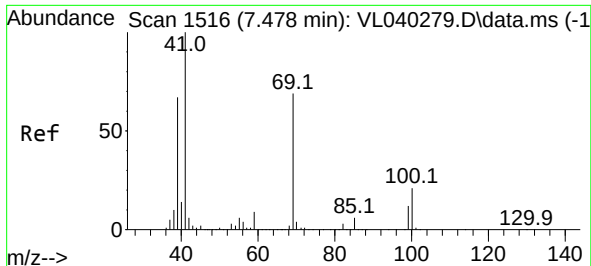


#42
Bromodichloromethane
Concen: 9.873 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



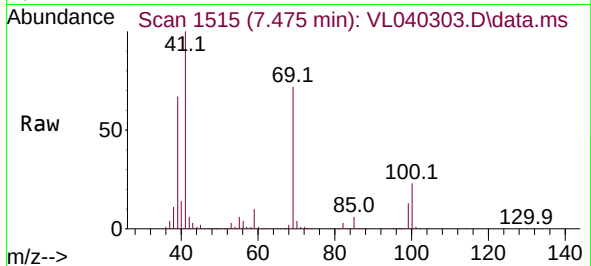
Tgt Ion: 83 Resp: 1832166
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1
127 7.9 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.488 ppbv
RT: 7.475 min Scan# 1467
Delta R.T. -0.003 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

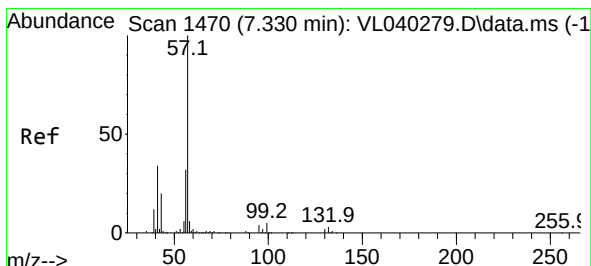
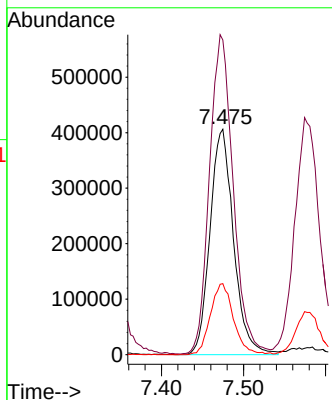
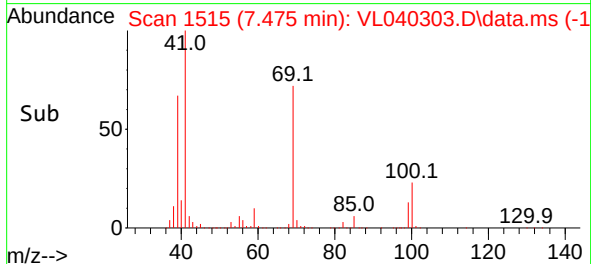
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



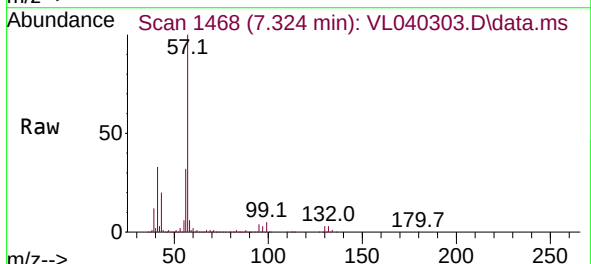
Tgt Ion: 69 Resp: 813174
Ion Ratio Lower Upper
69 100
41 142.9 116.9 175.3
100 31.0 24.2 36.4

Manual Integrations
APPROVED

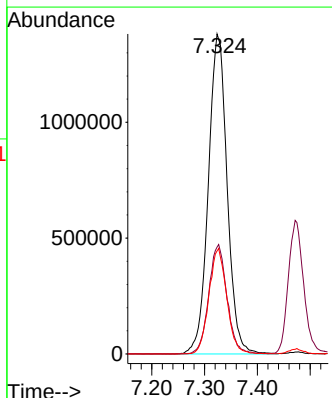
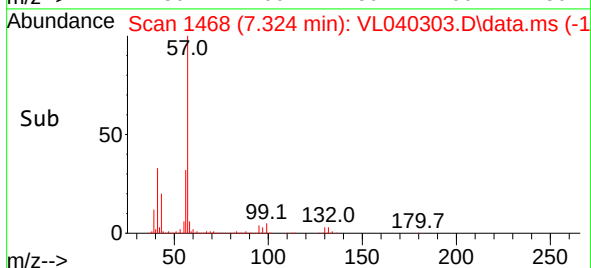
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

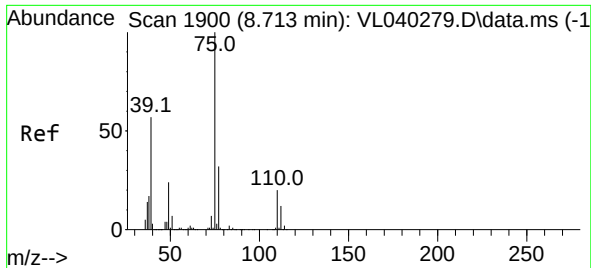


#44
2,2,4-Trimethylpentane
Concen: 9.820 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.006 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



Tgt Ion: 57 Resp: 3415923
Ion Ratio Lower Upper
57 100
41 33.2 26.8 40.2
56 31.4 25.0 37.6





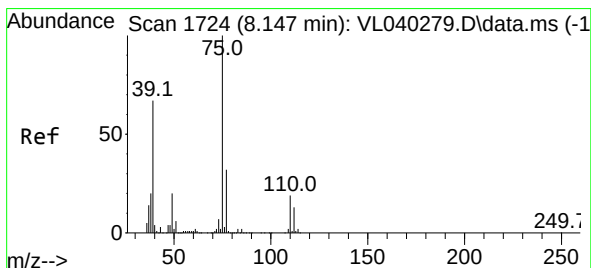
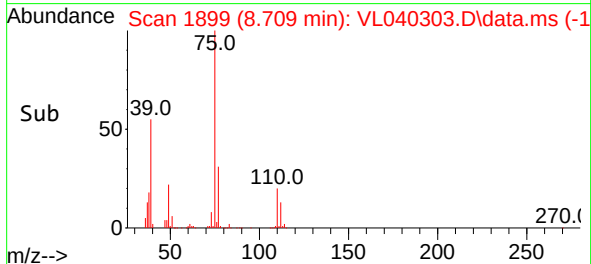
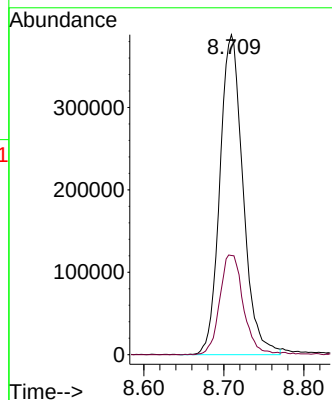
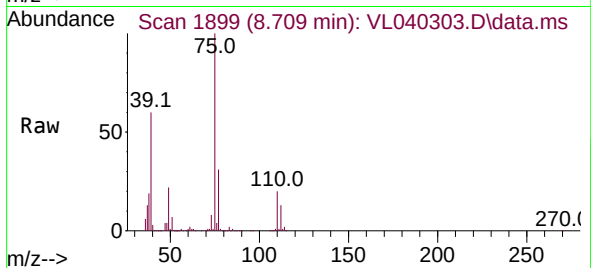
#45
t-1,3-Dichloropropene
Concen: 11.539 ppbv
RT: 8.709 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 75 Resp: 779934
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0

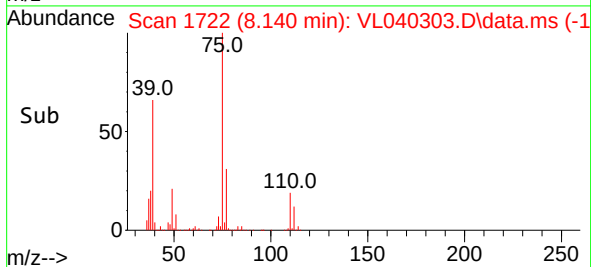
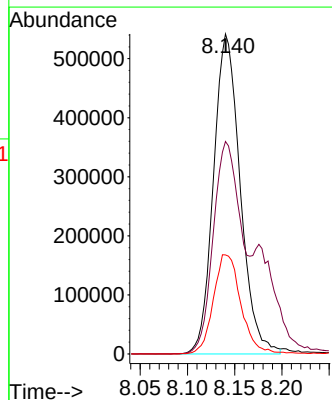
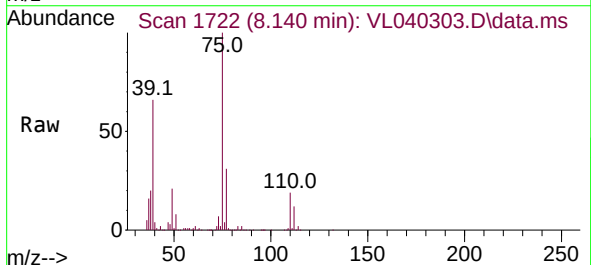
Manual Integrations
APPROVED

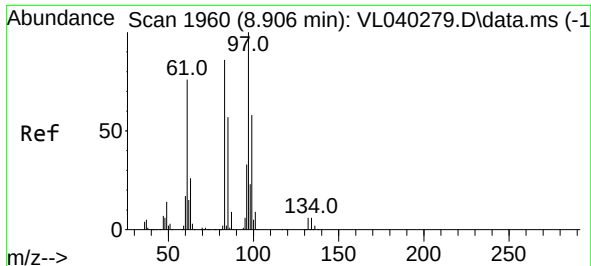
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#46
cis-1,3-Dichloropropene
Concen: 11.080 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. -0.007 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

Tgt Ion: 75 Resp: 1063470
Ion Ratio Lower Upper
75 100
39 66.3 53.9 80.9
77 30.9 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 9.586 ppbv

RT: 8.899 min Scan# 1960

Delta R.T. -0.007 min

Lab File: VL040303.D

Acq: 4 Apr 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion: 97 Resp: 837254

Ion Ratio Lower Upper

97 100

83 89.6 68.6 103.0

85 59.4 46.0 69.0

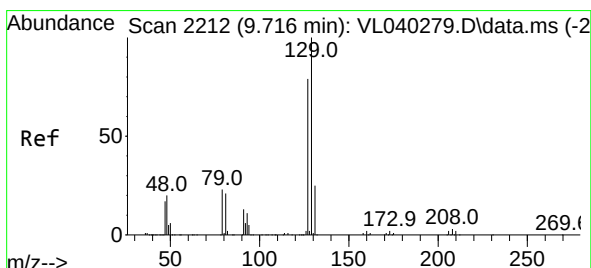
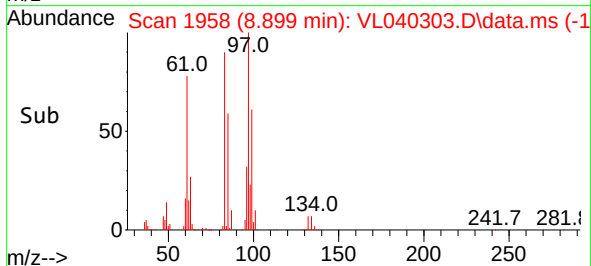
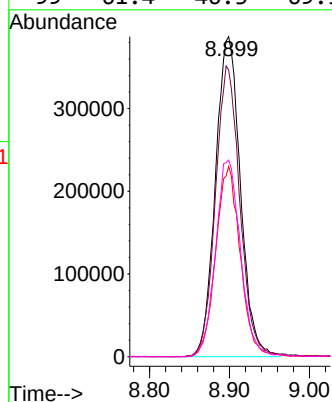
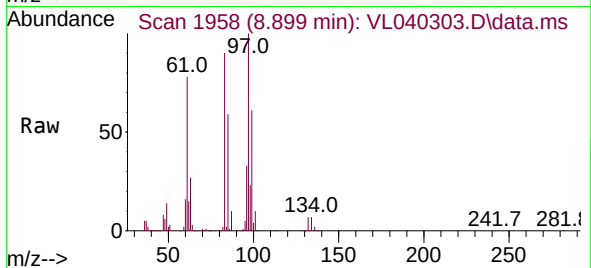
99 61.4 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023

Supervised By :Mahesh Dadoda 04/05/2023



#48

Dibromochloromethane

Concen: 9.887 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. -0.007 min

Lab File: VL040303.D

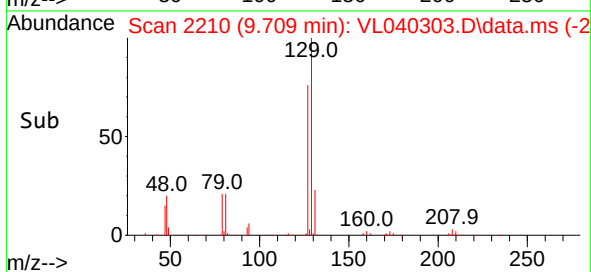
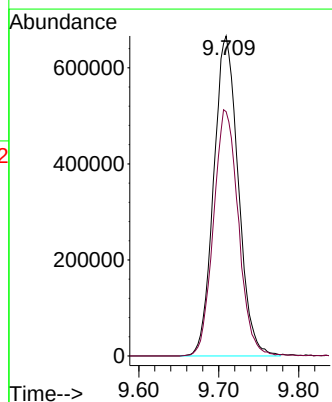
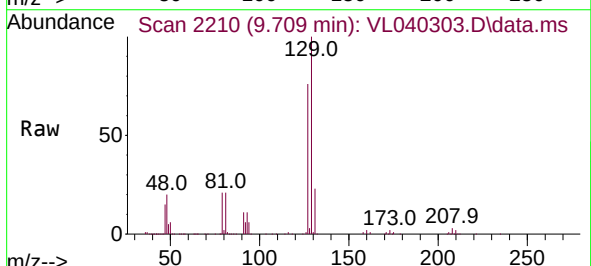
Acq: 4 Apr 2023 10:49

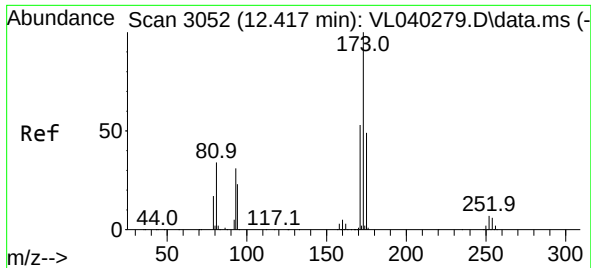
Tgt Ion:129 Resp: 1421083

Ion Ratio Lower Upper

129 100

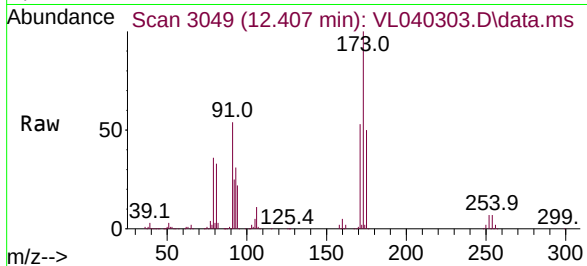
127 78.0 39.1 117.5





#49
Bromoform
Concen: 9.882 ppbv
RT: 12.407 min Scan# 3052
Delta R.T. -0.010 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

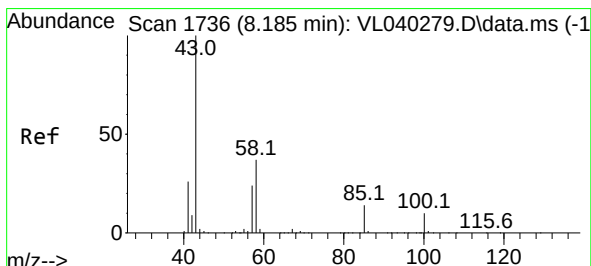
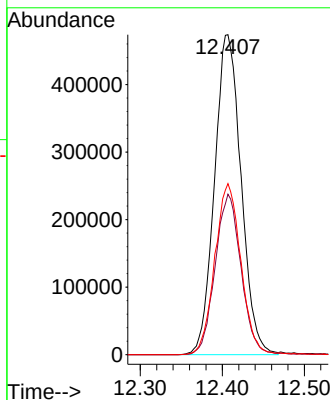
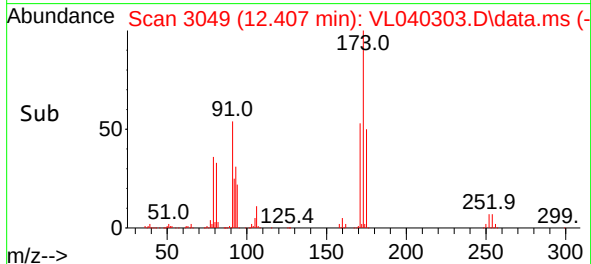
Instrument : MSVOA_L
ClientSampleId : VL0404ABS01



Tgt Ion: 173 Resp: 106669
Ion Ratio Lower Upper
173 100
175 49.1 39.8 59.8
171 52.8 42.2 63.4

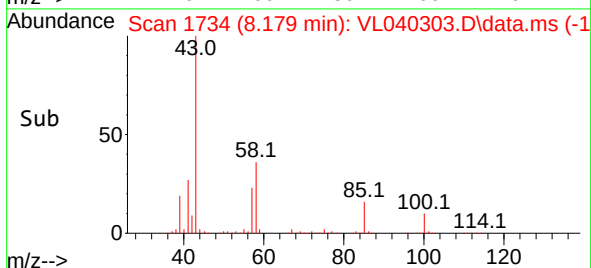
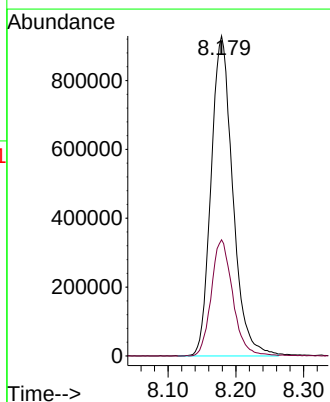
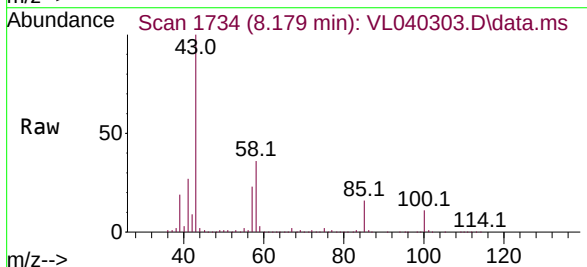
Manual Integrations
APPROVED

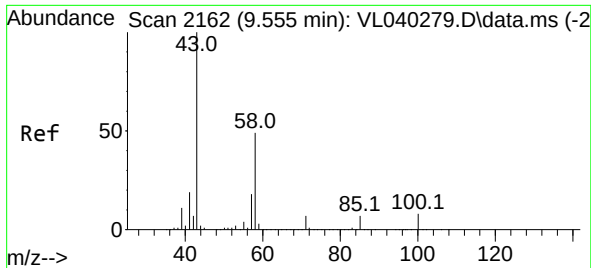
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#50
4-Methyl-2-Pentanone
Concen: 9.900 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

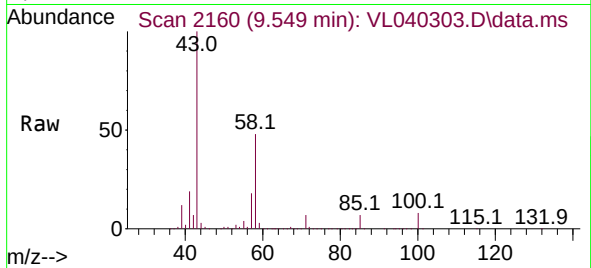
Tgt Ion: 43 Resp: 2070030
Ion Ratio Lower Upper
43 100
58 36.1 29.2 43.8





#51
2-Hexanone
Concen: 9.780 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. -0.006 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

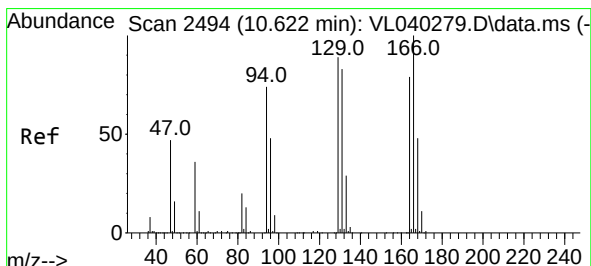
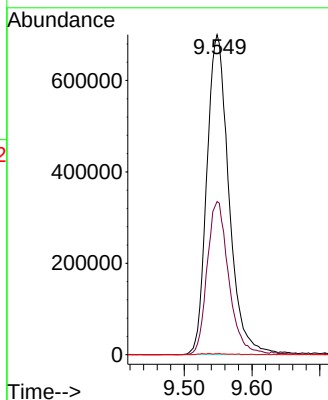
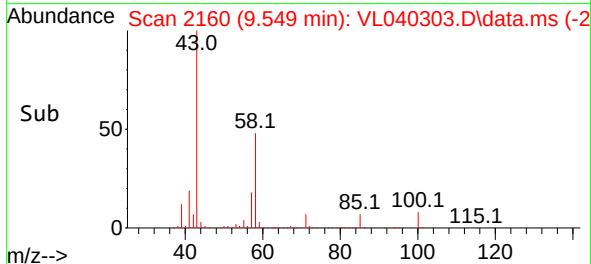
Instrument : MSVOA_L
ClientSampleId : VL0404ABS01



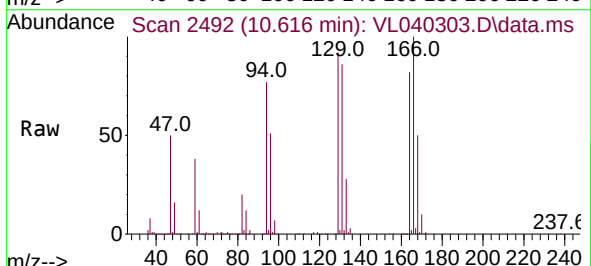
Tgt Ion: 43 Resp: 158424
Ion Ratio Lower Upper
43 100
58 47.6 38.0 57.0
98 0.5 0.5 0.7

Manual Integrations
APPROVED

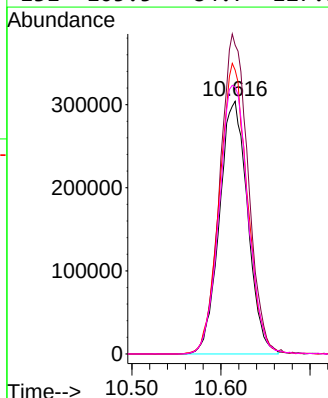
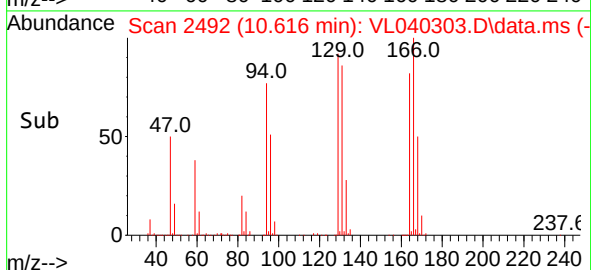
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

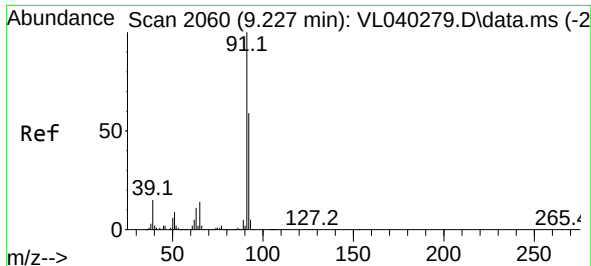


#52
Tetrachloroethene
Concen: 10.584 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.006 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



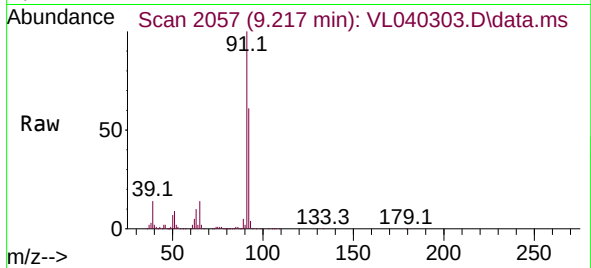
Tgt Ion:164 Resp: 668106
Ion Ratio Lower Upper
164 100
166 122.2 101.8 152.6
129 112.3 90.2 135.2
131 105.5 84.7 127.1





#53
Toluene
Concen: 10.395 ppbv
RT: 9.217 min Scan# 2060
Delta R.T. -0.010 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

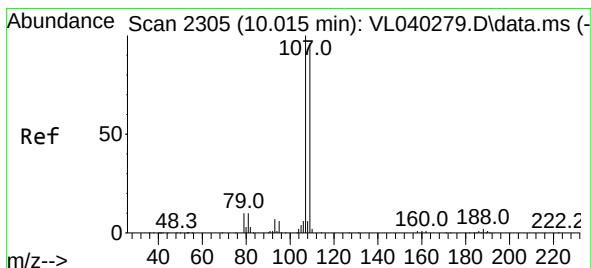
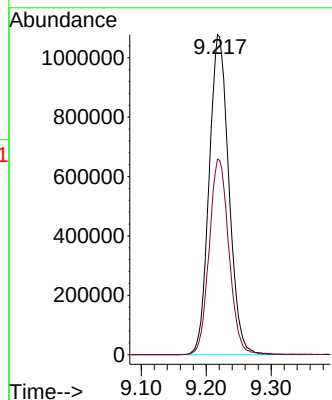
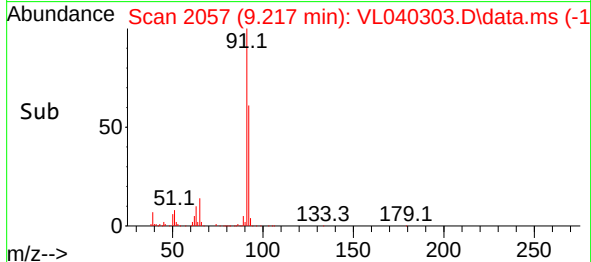
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



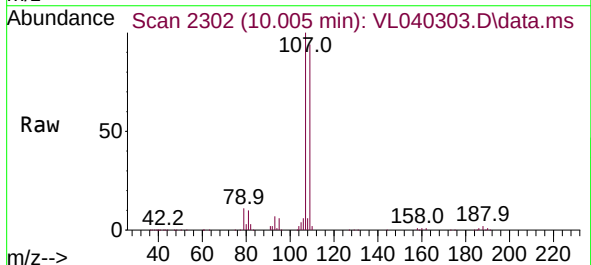
Tgt Ion: 91 Resp: 227289
Ion Ratio Lower Upper
91 100
92 61.1 48.0 72.0

Manual Integrations
APPROVED

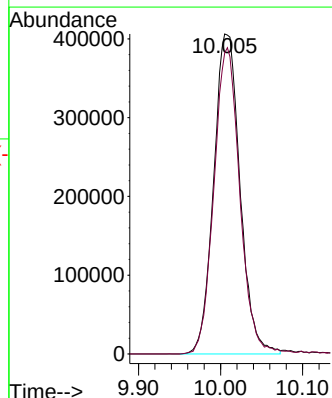
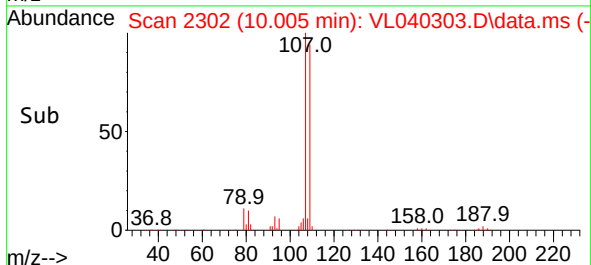
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

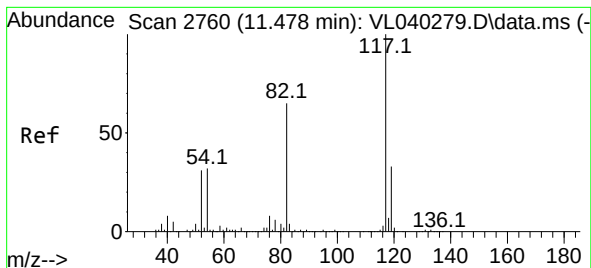


#54
1,2-Dibromoethane
Concen: 10.089 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.010 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



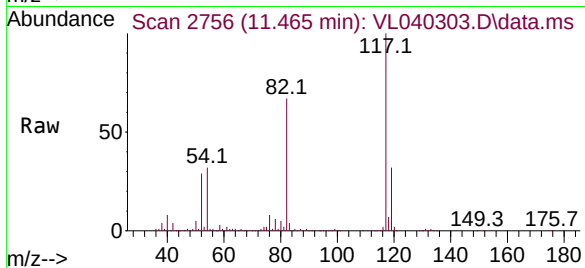
Tgt Ion:107 Resp: 907038
Ion Ratio Lower Upper
107 100
109 94.0 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.465 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

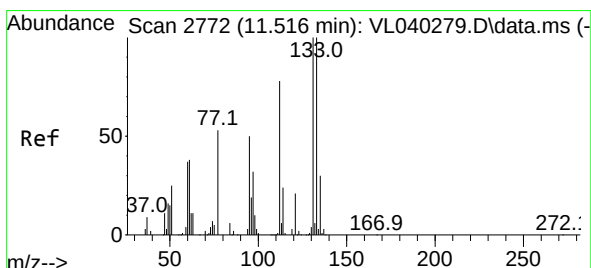
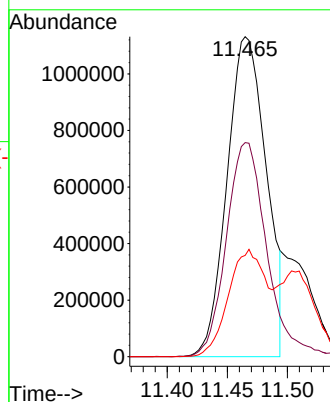
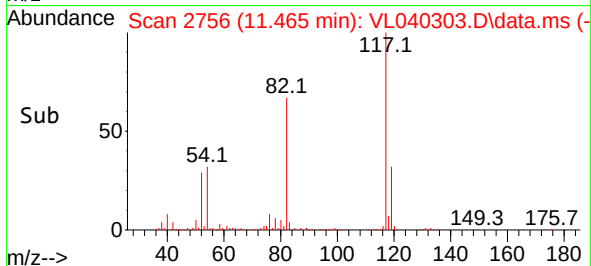
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



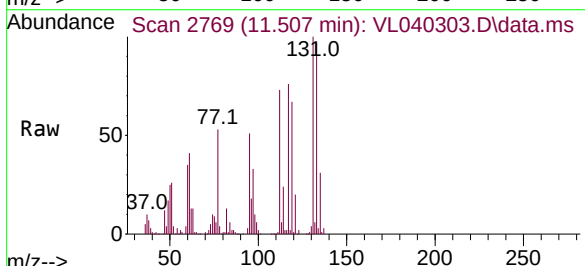
Tgt Ion:117 Resp: 256994
Ion Ratio Lower Upper
117 100
82 69.4 51.4 77.2
119 36.0 24.0 36.0

Manual Integrations
APPROVED

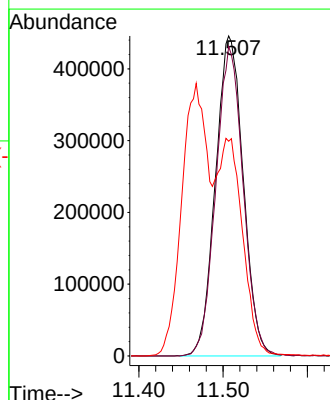
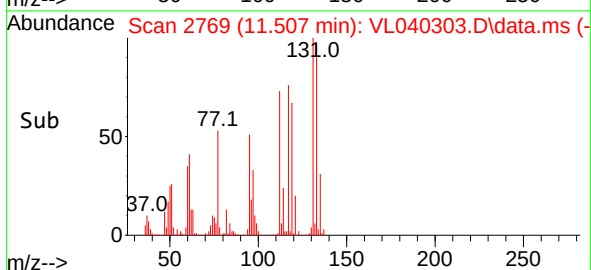
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

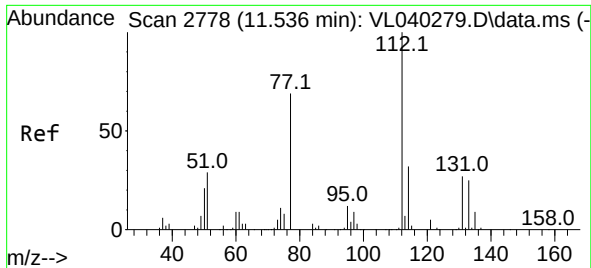


#56
1,1,1,2-Tetrachloroethane
Concen: 9.421 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.009 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



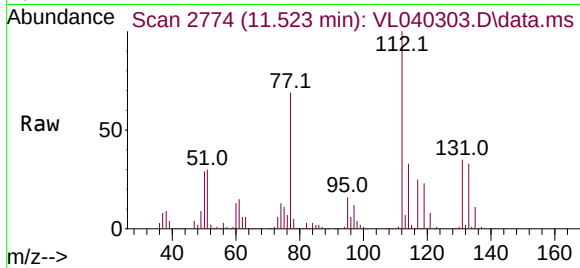
Tgt Ion:131 Resp: 1018537
Ion Ratio Lower Upper
131 100
133 95.4 76.5 114.7
119 54.0 47.9 71.9





#57
Chlorobenzene
Concen: 9.239 ppbv
RT: 11.523 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

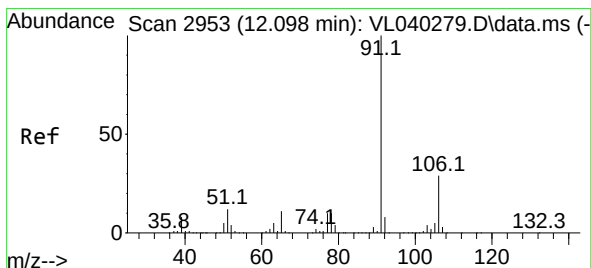
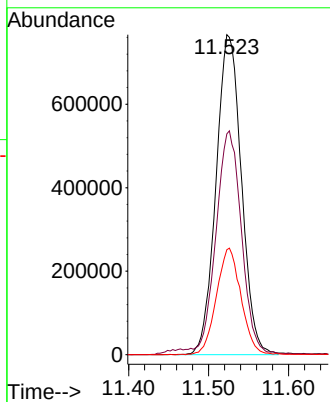
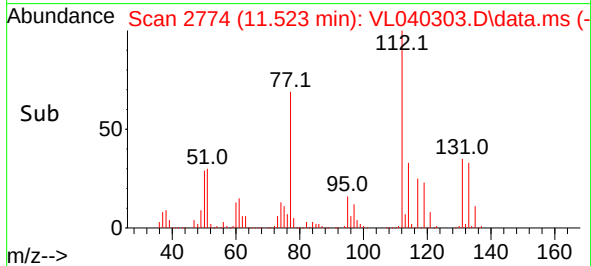
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



Tgt Ion:112 Resp: 168888
Ion Ratio Lower Upper
112 100
77 68.6 56.2 84.2
114 32.7 29.0 35.4

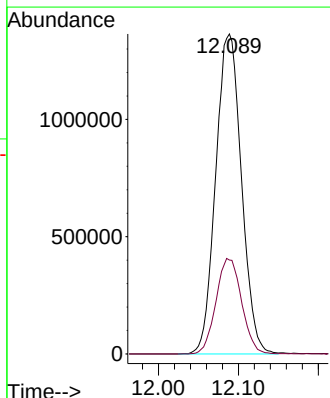
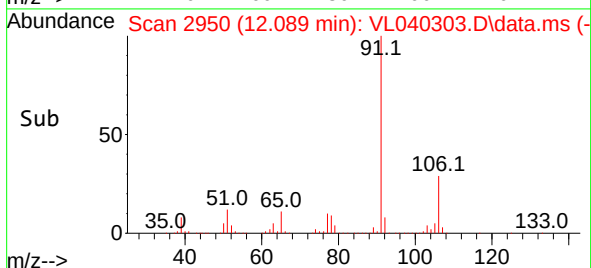
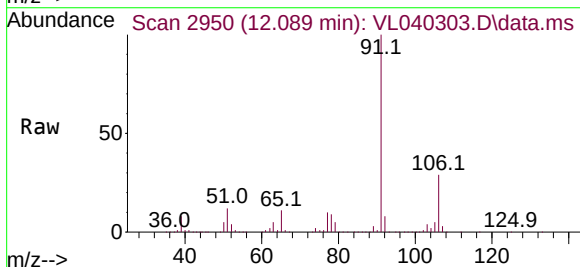
Manual Integrations
APPROVED

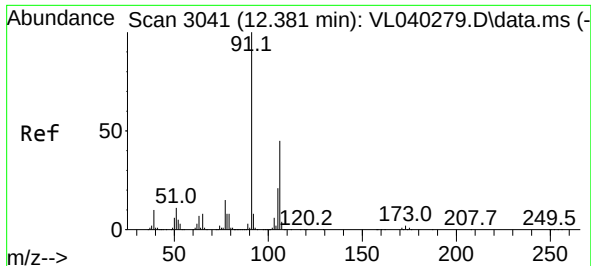
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#58
Ethyl Benzene
Concen: 10.410 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.009 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

Tgt Ion: 91 Resp: 3046265
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.2





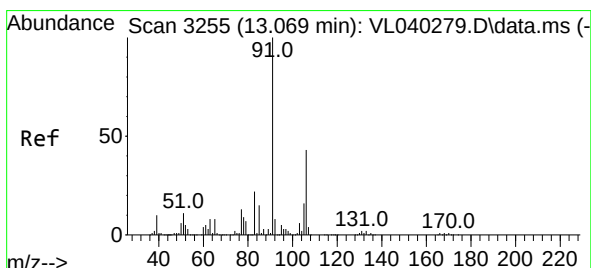
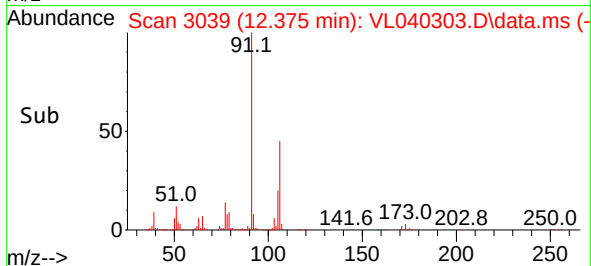
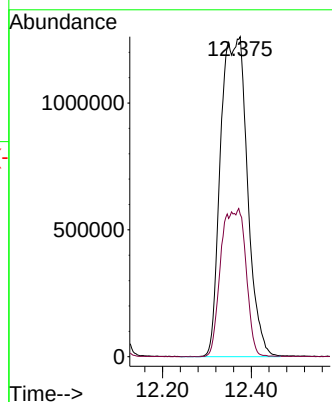
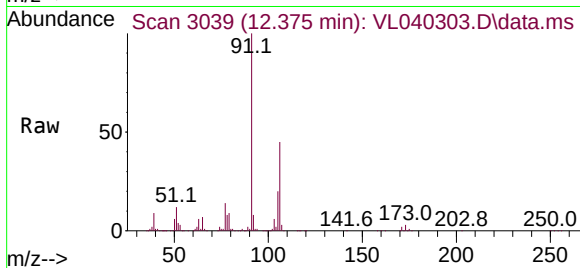
#59
m/p-Xylene
Concen: 19.624 ppbv m
RT: 12.375 min Scan# 3041
Delta R.T. -0.006 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 91 Resp: 526064
Ion Ratio Lower Upper
91 100
106 43.4 34.0 51.0

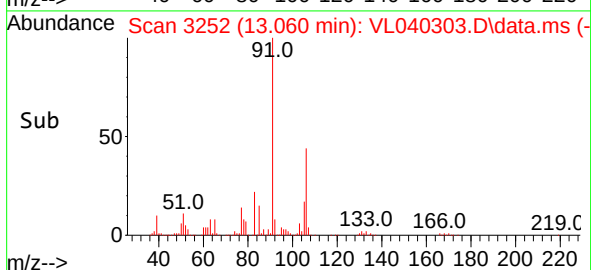
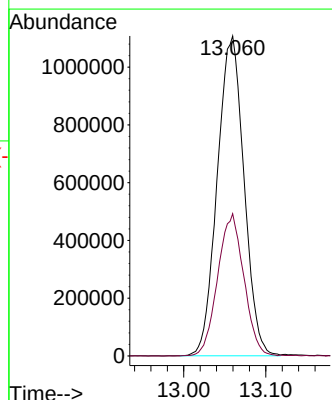
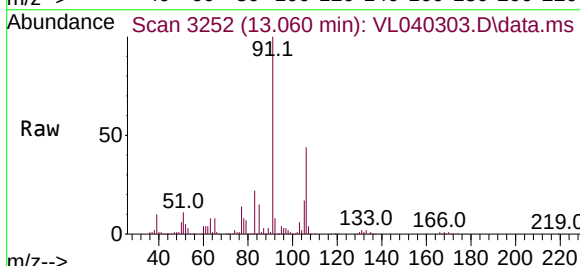
Manual Integrations
APPROVED

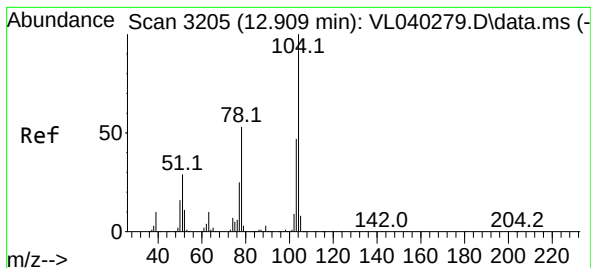
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#60
o-Xylene
Concen: 9.784 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. -0.009 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

Tgt Ion: 91 Resp: 2507320
Ion Ratio Lower Upper
91 100
106 43.7 21.7 65.1





#61

Styrene

Concen: 10.897 ppbv

RT: 12.899 min Scan# 31

Delta R.T. -0.010 min

Lab File: VL040303.D

Acq: 4 Apr 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion:104 Resp: 1417130

Ion Ratio Lower Upper

104 100

78 54.2 43.7 65.5

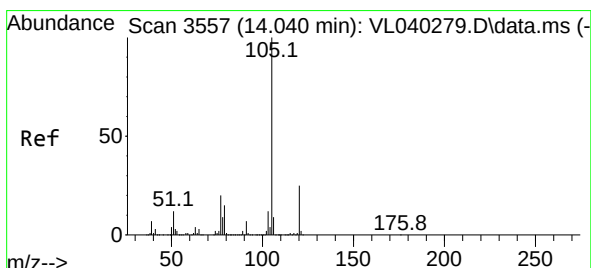
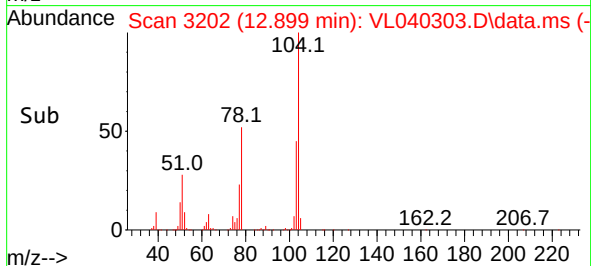
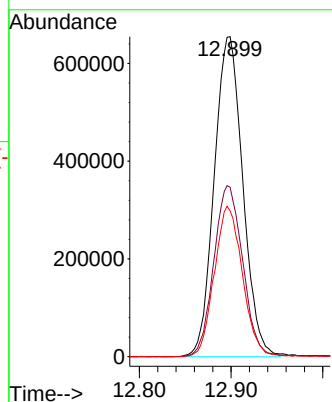
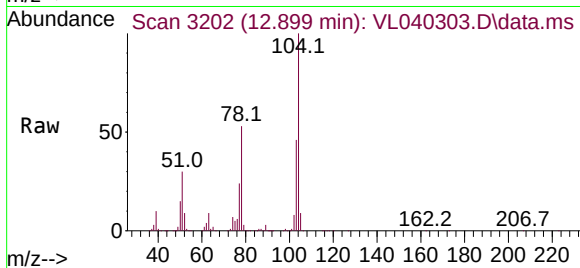
103 46.4 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023

Supervised By :Mahesh Dadoda 04/05/2023



#62

Isopropylbenzene

Concen: 9.703 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. -0.013 min

Lab File: VL040303.D

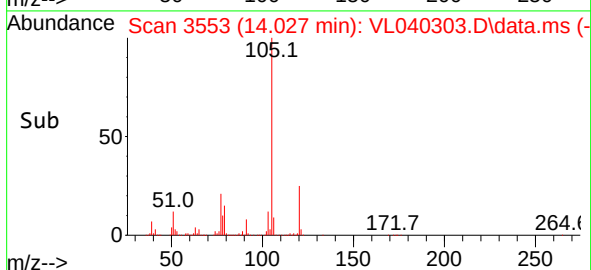
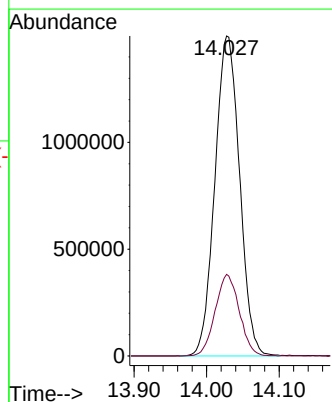
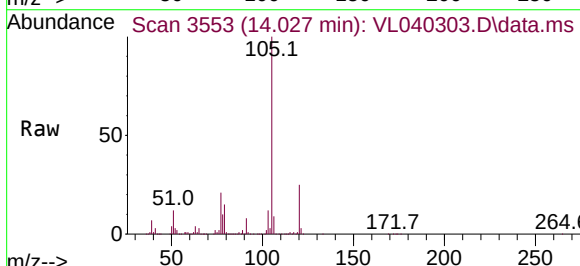
Acq: 4 Apr 2023 10:49

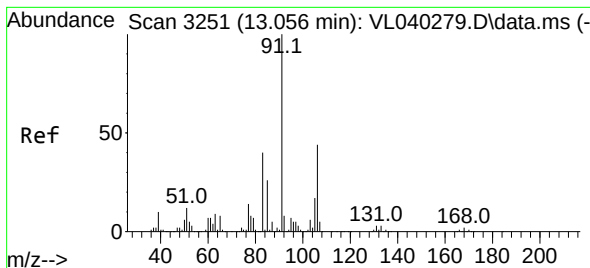
Tgt Ion:105 Resp: 3541086

Ion Ratio Lower Upper

105 100

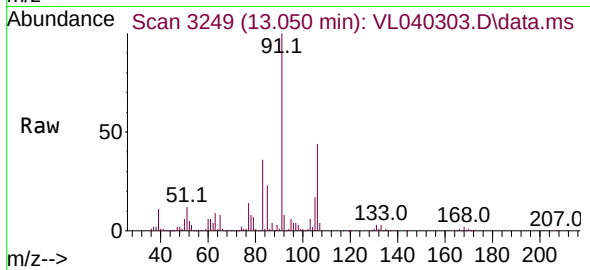
120 24.9 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.946 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

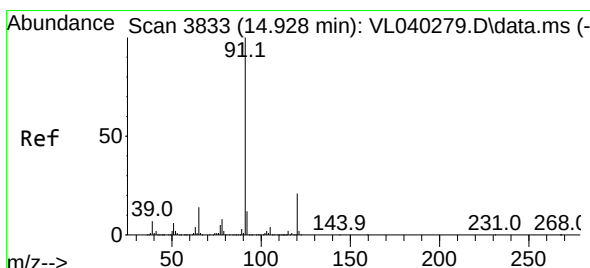
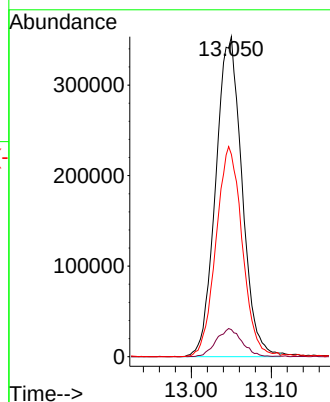
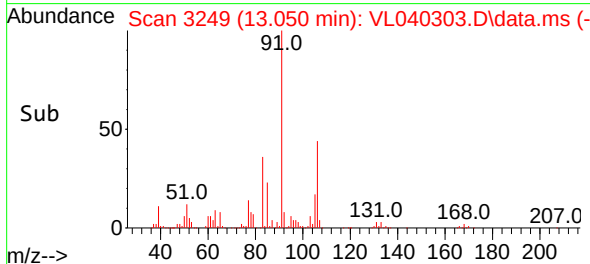
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



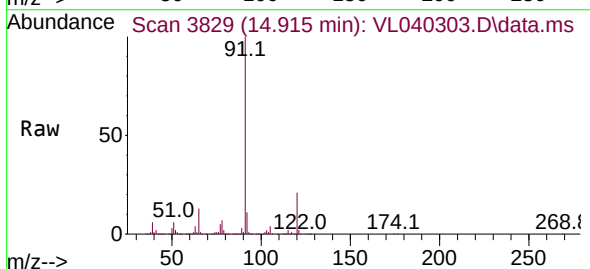
Tgt Ion: 83 Resp: 80664
Ion Ratio Lower Upper
83 100
131 8.7 4.3 12.9
85 66.3 32.7 98.1

Manual Integrations
APPROVED

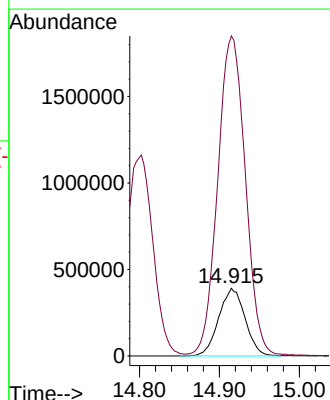
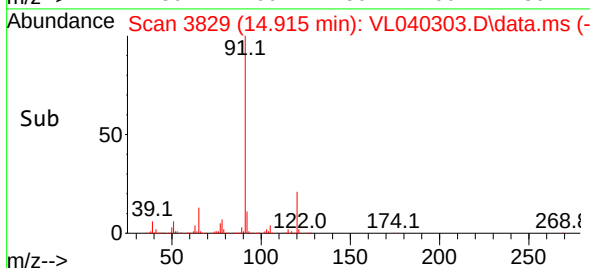
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

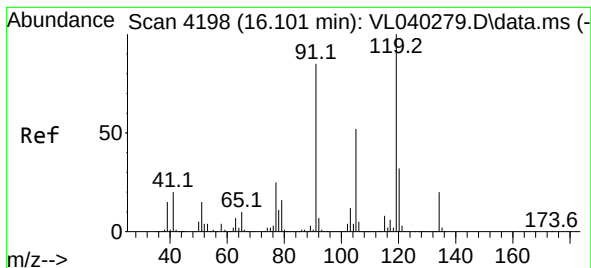


#64
n-propylbenzene
Concen: 9.990 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.013 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



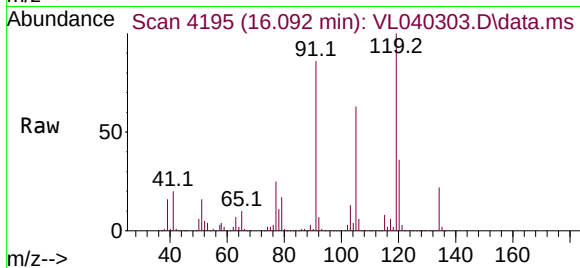
Tgt Ion:120 Resp: 892177
Ion Ratio Lower Upper
120 100
91 499.4 399.0 598.6





#65
tert-Butylbenzene
Concen: 10.052 ppbv
RT: 16.092 min Scan# 4198
Delta R.T. -0.009 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

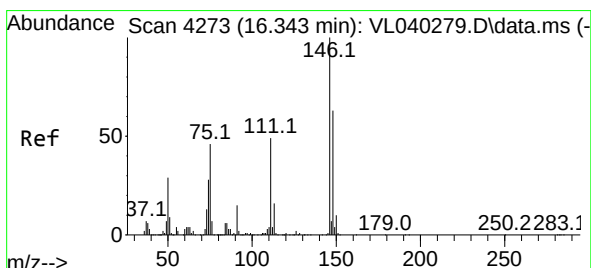
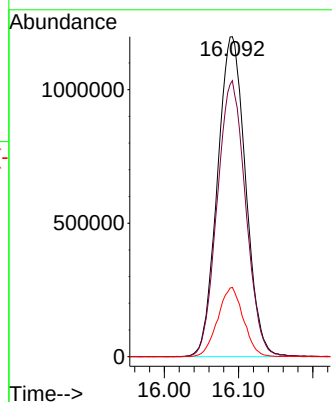
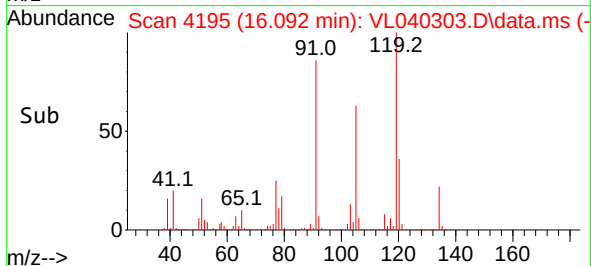
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



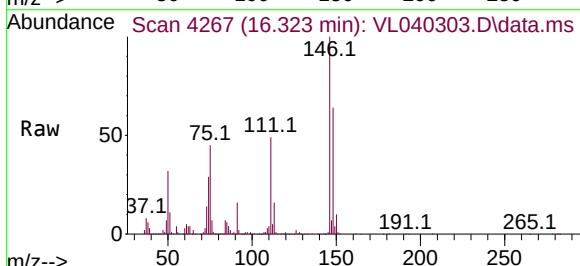
Tgt Ion:119 Resp: 3161259
Ion Ratio Lower Upper
119 100
91 87.3 69.4 104.2
134 19.8 15.8 23.6

Manual Integrations
APPROVED

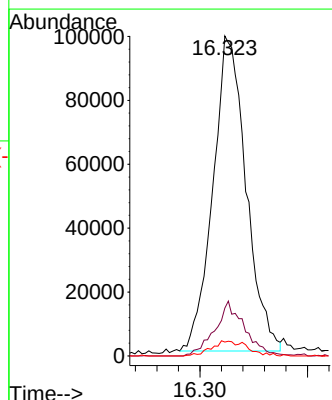
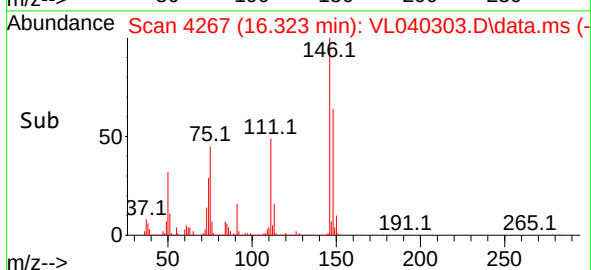
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

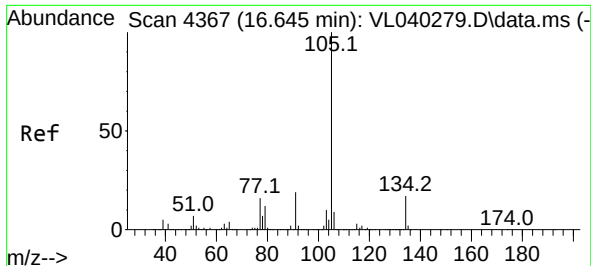


#66
Benzyl Chloride
Concen: 10.323 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. -0.020 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



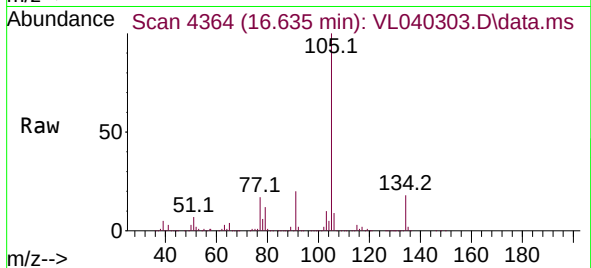
Tgt Ion: 91 Resp: 210991
Ion Ratio Lower Upper
91 100
126 15.7 12.1 18.1
128 5.2 3.8 5.6





#67
 sec-Butylbenzene
 Concen: 10.113 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040303.D
 Acq: 4 Apr 2023 10:49

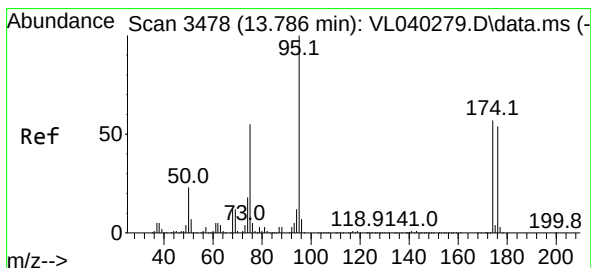
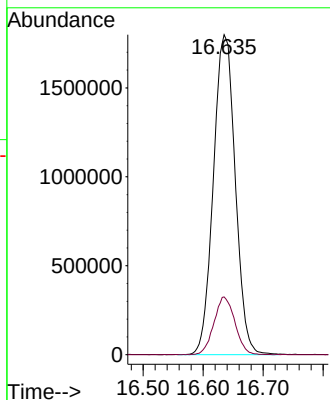
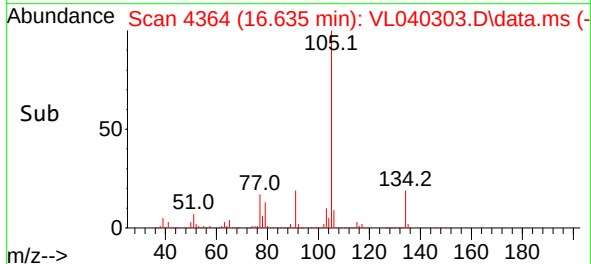
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABS01



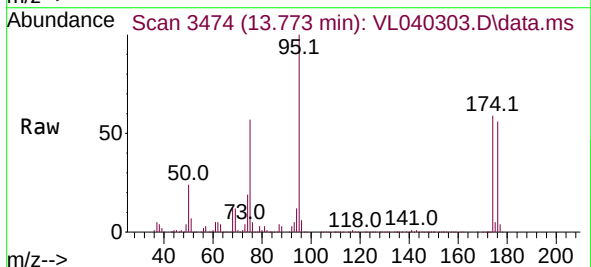
Tgt Ion: 105 Resp: 4548324
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.0 21.0

Manual Integrations
 APPROVED

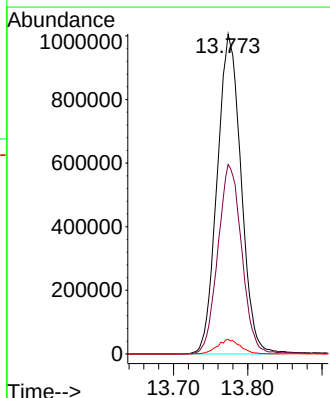
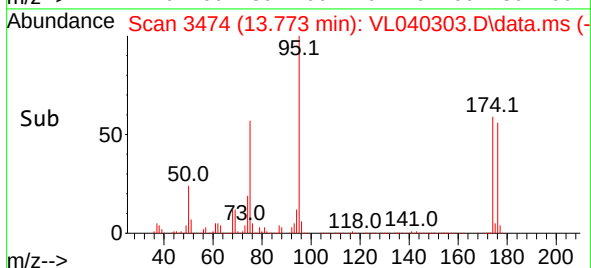
Reviewed By :Semsettin Yesilyurt 04/05/2023
 Supervised By :Mahesh Dadoda 04/05/2023

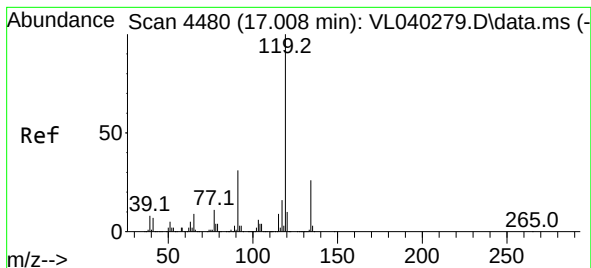


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.433 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. -0.013 min
 Lab File: VL040303.D
 Acq: 4 Apr 2023 10:49



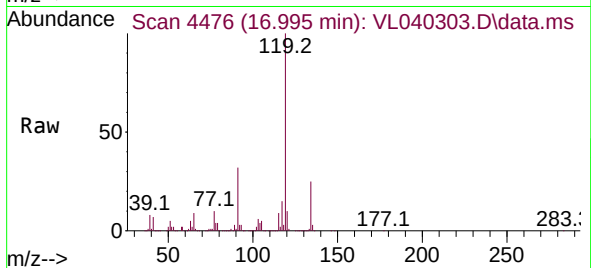
Tgt Ion: 95 Resp: 2245406
 Ion Ratio Lower Upper
 95 100
 174 59.3 47.0 70.6
 175 4.4 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.624 ppbv
RT: 16.995 min Scan# 4480
Delta R.T. -0.013 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

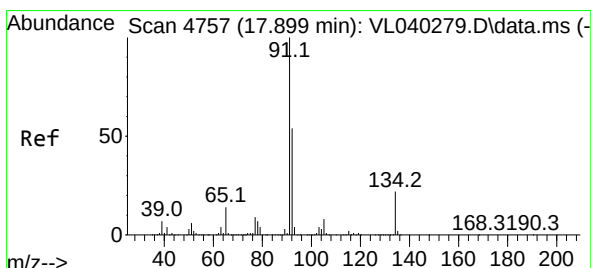
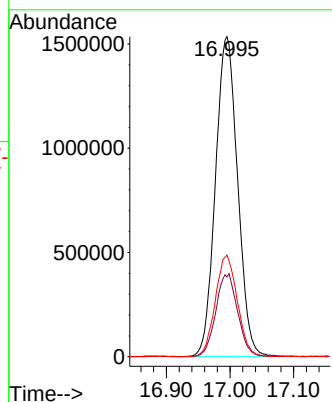
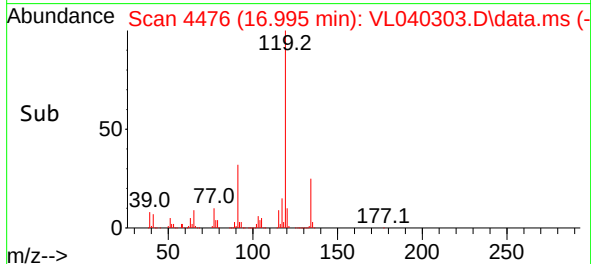
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



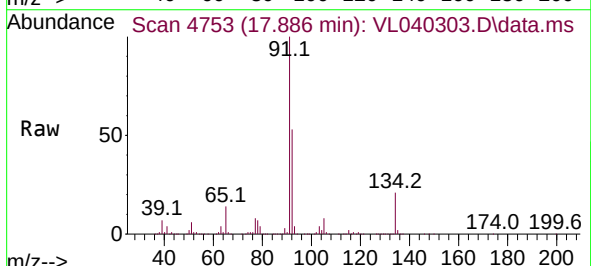
Tgt Ion:119 Resp: 372109
Ion Ratio Lower Upper
119 100
134 25.6 20.2 30.2
91 31.6 25.1 37.7

Manual Integrations
APPROVED

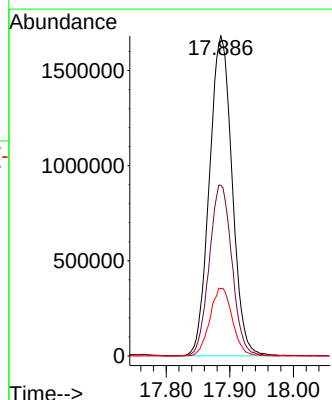
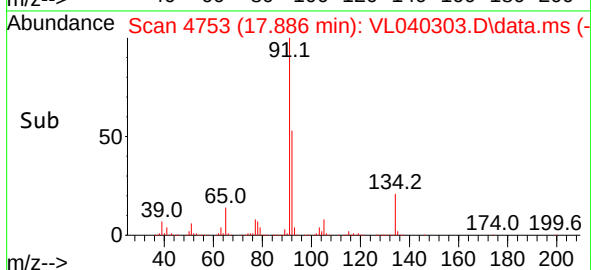
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

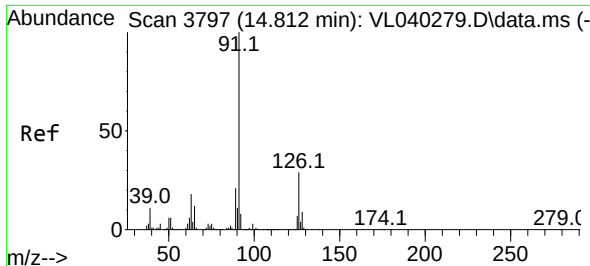


#70
n-Butylbenzene
Concen: 10.820 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. -0.013 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



Tgt Ion: 91 Resp: 4175105
Ion Ratio Lower Upper
91 100
92 53.3 42.9 64.3
134 21.1 16.8 25.2





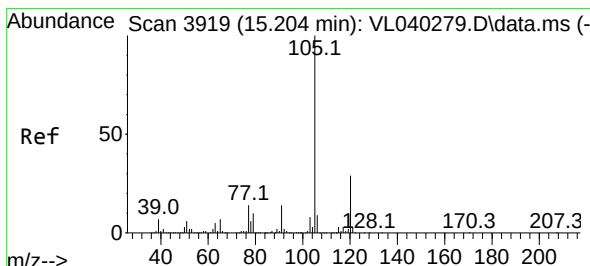
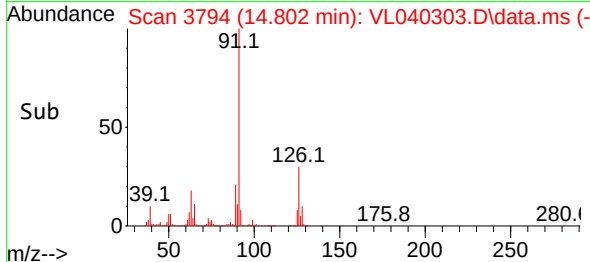
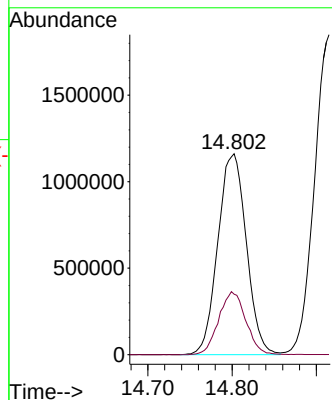
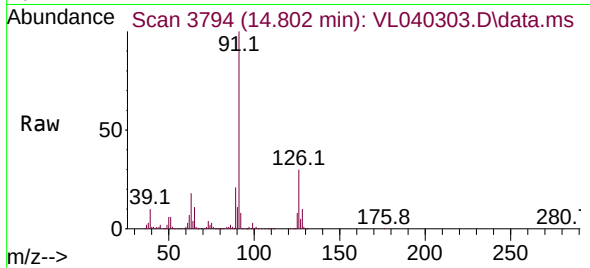
#71
2-Chlorotoluene
Concen: 9.813 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 91 Resp: 2725670
Ion Ratio Lower Upper
91 100
126 30.0 11.8 47.4

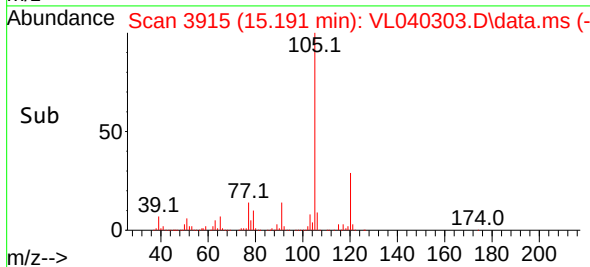
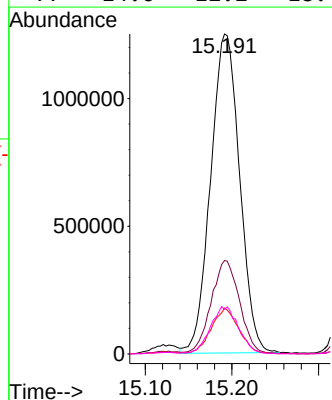
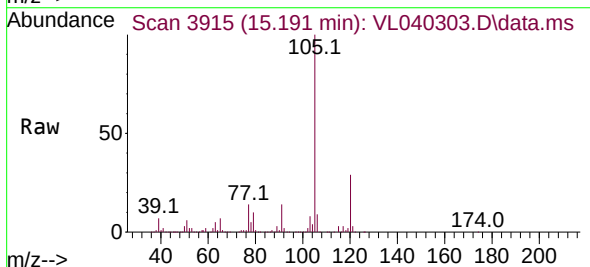
Manual Integrations
APPROVED

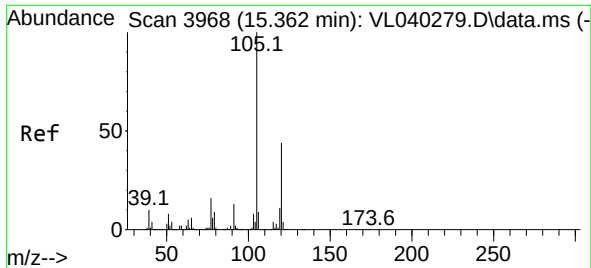
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#72
4-Ethyltoluene
Concen: 10.377 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

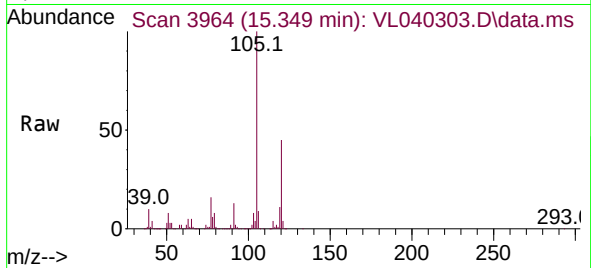
Tgt Ion:105 Resp: 2907468
Ion Ratio Lower Upper
105 100
120 29.0 23.7 35.5
91 13.7 11.6 17.4
77 14.6 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 10.226 ppbv
RT: 15.349 min Scan# 3964
Delta R.T. -0.013 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

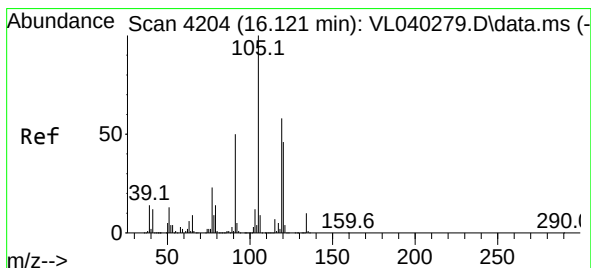
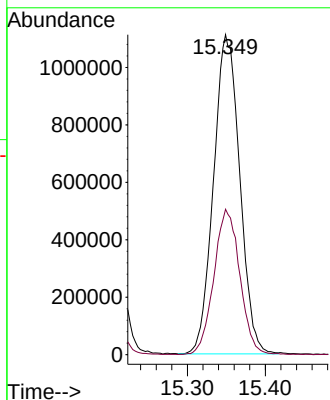
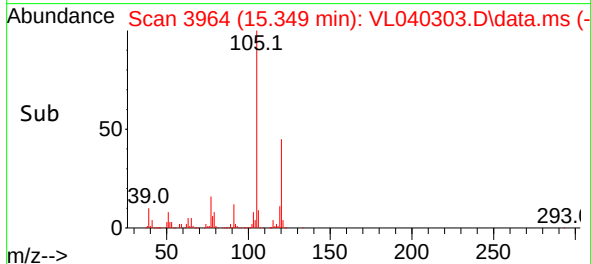
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



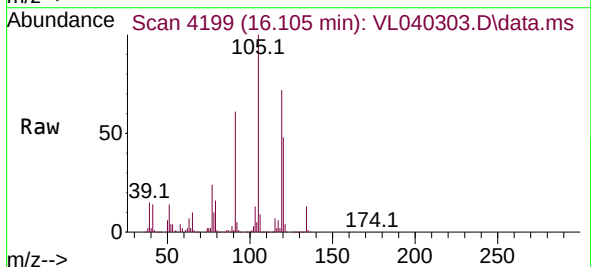
Tgt Ion:105 Resp: 2595314
Ion Ratio Lower Upper
105 100
120 45.5 34.9 52.3

Manual Integrations
APPROVED

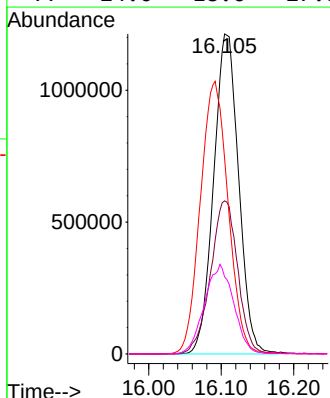
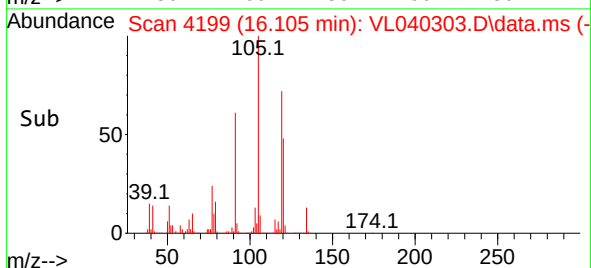
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

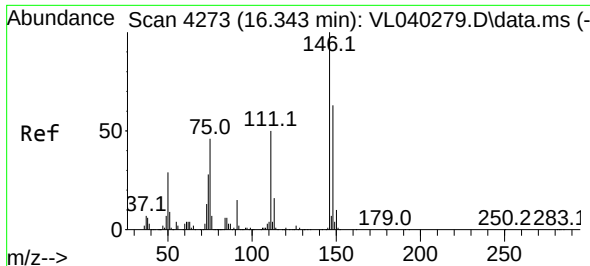


#74
1,2,4-Trimethylbenzene
Concen: 10.048 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. -0.016 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



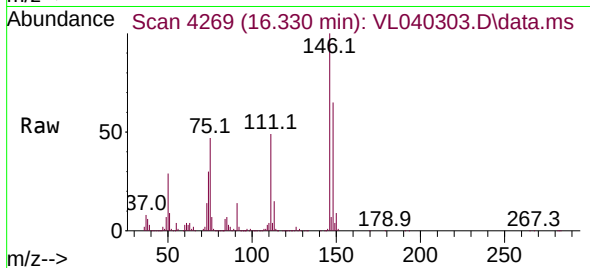
Tgt Ion:105 Resp: 2908192
Ion Ratio Lower Upper
105 100
120 47.7 36.6 54.8
91 60.9 39.9 59.9#
77 24.0 18.6 27.8





#75
1,3-Dichlorobenzene
Concen: 10.234 ppbv
RT: 16.330 min Scan# 4314
Delta R.T. -0.013 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

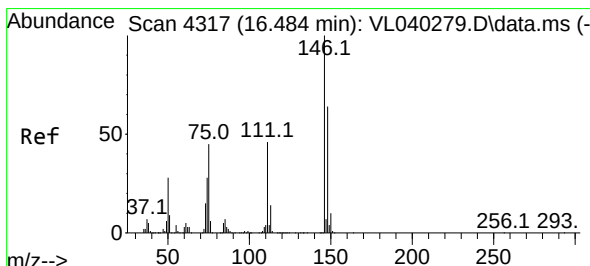
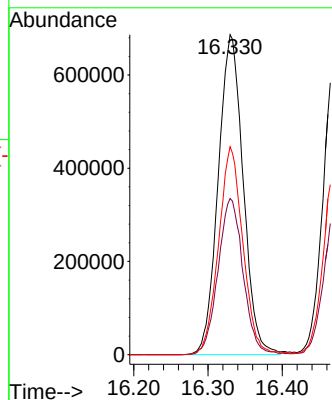
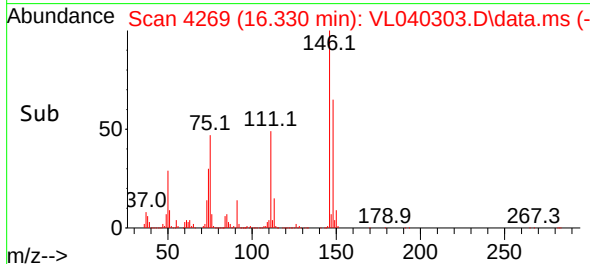
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



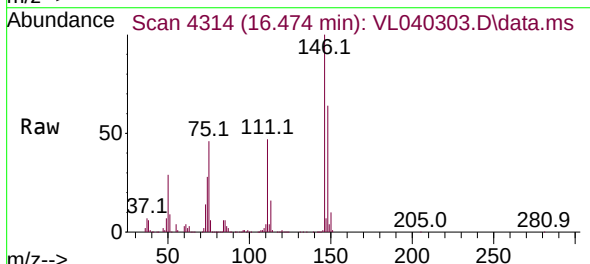
Tgt Ion:146 Resp: 160418
Ion Ratio Lower Upper
146 100
111 49.0 24.3 73.0
148 63.4 31.9 95.5

Manual Integrations
APPROVED

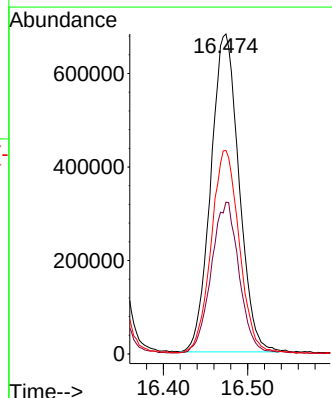
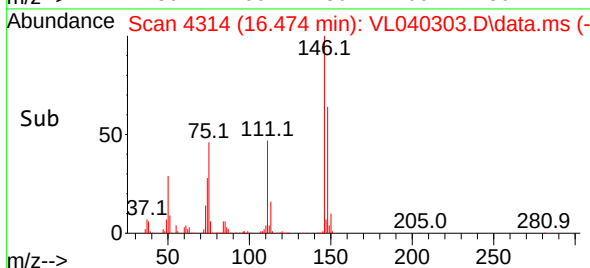
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

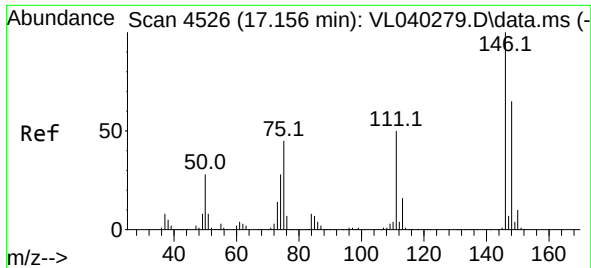


#76
1,4-Dichlorobenzene
Concen: 10.572 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. -0.010 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



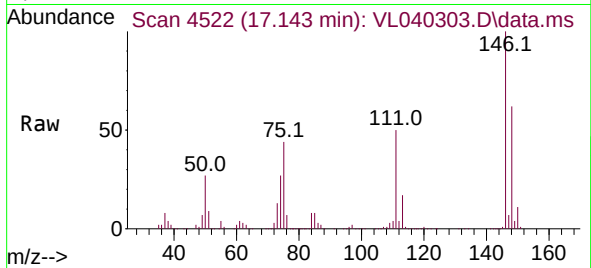
Tgt Ion:146 Resp: 1580512
Ion Ratio Lower Upper
146 100
111 47.9 23.8 71.2
148 64.3 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 10.570 ppbv
RT: 17.143 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

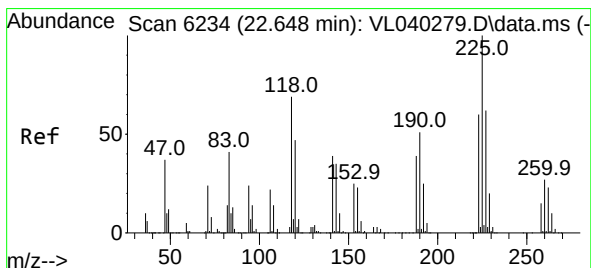
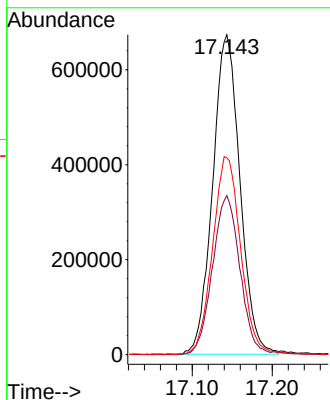
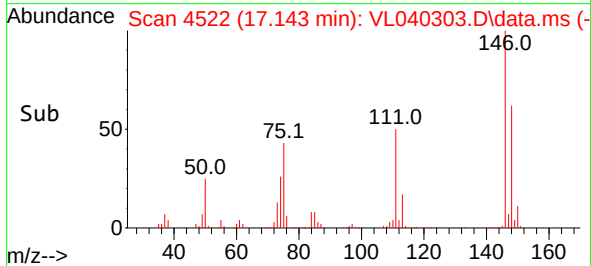
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



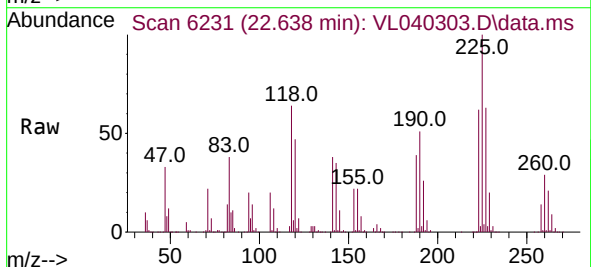
Tgt Ion:146 Resp: 1592634
Ion Ratio Lower Upper
146 100
111 50.4 25.2 75.6
148 64.2 32.1 96.3

Manual Integrations
APPROVED

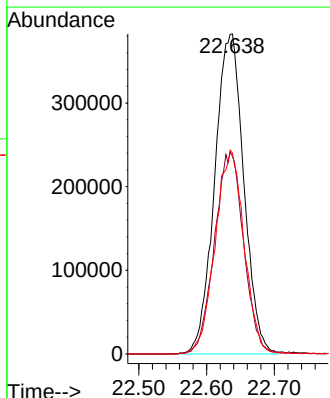
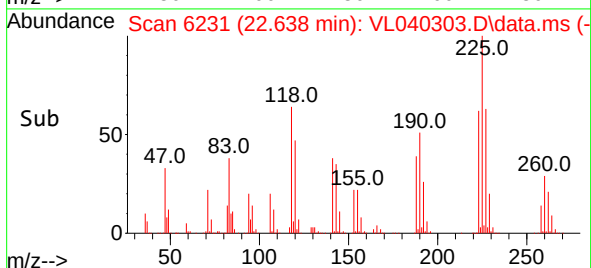
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

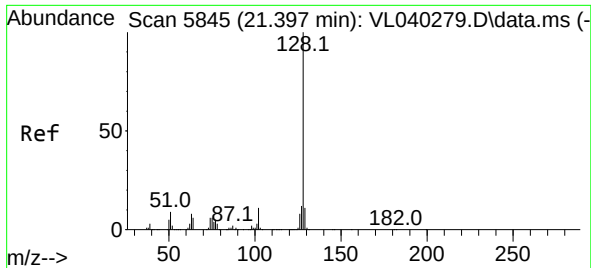


#78
Hexachloro-1,3-Butadiene
Concen: 10.351 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. -0.010 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49



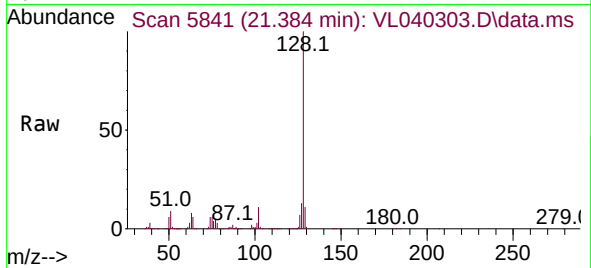
Tgt Ion:225 Resp: 1143801
Ion Ratio Lower Upper
225 100
223 63.2 51.0 76.6
227 63.3 51.4 77.2





#79
Naphthalene
Concen: 13.116 ppbv
RT: 21.384 min Scan# 5845
Delta R.T. -0.013 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

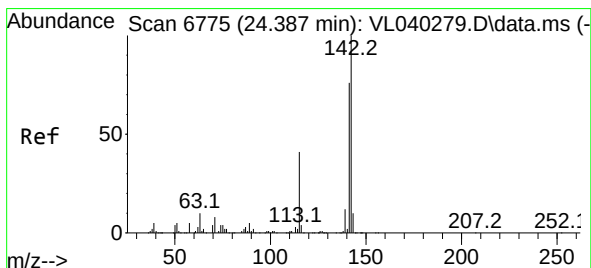
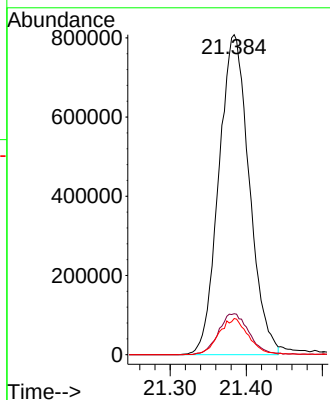
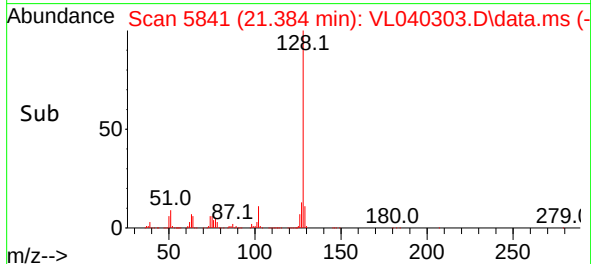
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



Tgt Ion:128 Resp: 2245729
Ion Ratio Lower Upper
128 100
127 12.8 9.6 14.4
129 11.3 8.6 13.0

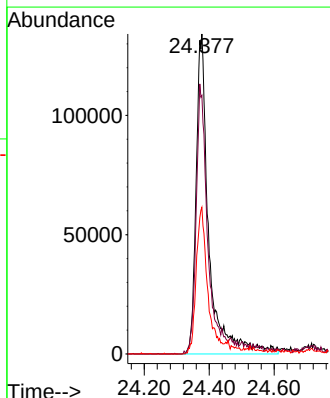
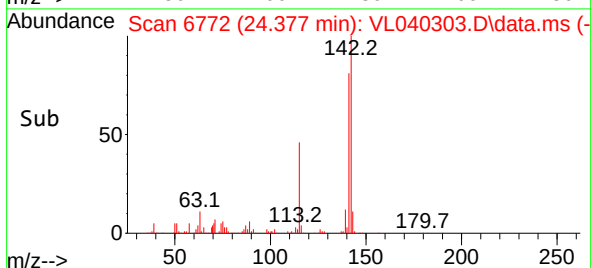
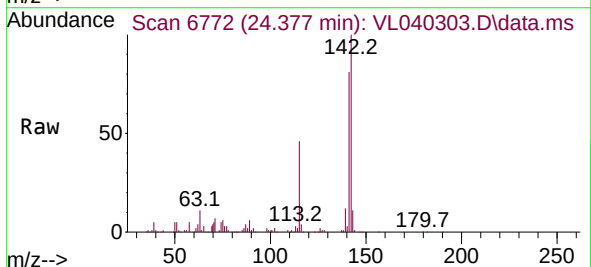
Manual Integrations
APPROVED

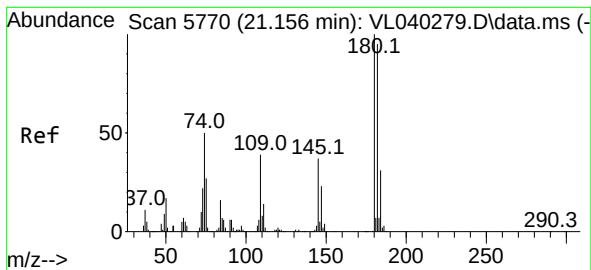
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#80
Naphthalene,2-methyl-
Concen: 8.476 ppbv
RT: 24.377 min Scan# 6772
Delta R.T. -0.010 min
Lab File: VL040303.D
Acq: 4 Apr 2023 10:49

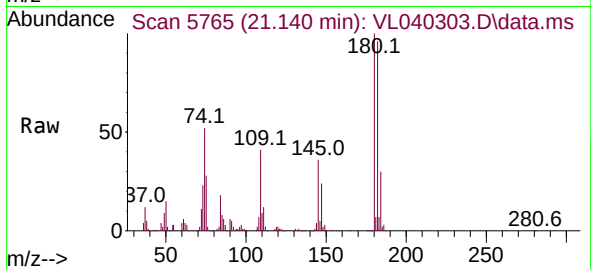
Tgt Ion:142 Resp: 367525
Ion Ratio Lower Upper
142 100
141 78.9 65.5 98.3
115 43.5 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 11.355 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. -0.016 min
 Lab File: VL040303.D
 Acq: 4 Apr 2023 10:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABS01



Tgt Ion:180 Resp: 119744

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.1	114.1
184	30.7	24.4	36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023
 Supervised By :Mahesh Dadoda 04/05/2023

