

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031323\
 Data File : VL040265.D
 Acq On : 13 Mar 2023 13:05
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Mar 14 04:47:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Wed Mar 01 04:21:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/14/2023
 Supervised By : Mahesh Dadoda 03/15/2023

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

Internal Standards						
1) Bromochloromethane	5.189	49	900864	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.655	114	2421845	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2276749	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1829439	9.772	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	1209793	7.205	ppbv	97
3) Chlorodifluoromethane	2.658	51	1136850	10.564	ppbv	100
4) Chloromethane	2.800	50	734097	10.860	ppbv	94
5) Vinyl Chloride	2.906	62	621333	11.438	ppbv	97
6) Bromomethane	3.105	94	207598	10.589	ppbv	95
7) Chloroethane	3.185	64	232578	10.797	ppbv	100
8) Dichlorotetrafluoroethane	2.841	85	1494548	10.330	ppbv	100
9) Propene	2.677	41	474741	10.822	ppbv	100
10) Heptane	7.581	43	1157829	11.089	ppbv	99
11) Trichlorofluoromethane	3.552	101	1568652	10.413	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.057	101	1194766	10.750	ppbv	99
13) Ethanol	3.230	45	31983m	7.920	ppbv	
14) Bromoethene	3.353	108	482653	11.325	ppbv	99
15) Acetone	3.455	43	1092111	10.069	ppbv	100
16) 1,3-Butadiene	2.970	39	550470	11.114	ppbv	97
17) tert-Butyl alcohol	3.867	59	1171558	11.844	ppbv	99
18) 1,1-Dichloroethene	3.870	96	532196	11.021	ppbv	95
19) Isopropyl Alcohol	3.562	45	531259	10.304	ppbv	99
20) Methylene Chloride	3.922	84	448633	7.946	ppbv	95
21) Allyl Chloride	3.986	41	769703	11.571	ppbv	100
22) trans-1,2-Dichloroethene	4.436	96	567854	11.356	ppbv	95
23) Vinyl Acetate	4.619	43	363230	11.035	ppbv	99
24) 1,1-Dichloroethane	4.555	63	1132823	11.010	ppbv	99
25) Ethyl Acetate	5.198	43	2036962	10.103	ppbv	99
26) Hexane	5.208	57	863046	9.971	ppbv	99
27) Carbon Disulfide	4.115	76	1332841	12.135	ppbv	98
28) Methyl tert-Butyl Ether	4.578	73	1024029	11.042	ppbv	99
29) Chloroform	5.269	83	1413531	9.511	ppbv	96
30) Cyclohexane	6.603	84	789597	11.618	ppbv	98
31) cis-1,2-Dichloroethene	5.073	61	863666	10.502	ppbv	97
32) 1,1,1-Trichloroethane	5.999	97	1583949	11.344	ppbv	100
34) 2-Butanone	4.777	43	1221814	10.227	ppbv	100
35) Carbon Tetrachloride	6.491	117	1629953	11.385	ppbv	99
36) Benzene	6.369	78	1965320	10.428	ppbv	99
37) 1,2-Dichloroethane	5.803	62	1234082	10.469	ppbv	99
38) Trichloroethene	7.291	130	1133037	10.910	ppbv	98
39) 1,2-Dichloropropane	7.073	63	751890	10.255	ppbv	97
40) 1,4-Dioxane	7.285	88	270273	9.215	ppbv #	1
41) Tetrahydrofuran	5.552	42	742240	10.721	ppbv	99
42) Bromodichloromethane	7.253	83	1731720	10.644	ppbv	98
43) Methyl Methacrylate	7.478	69	780022	11.185	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	3242933	10.308	ppbv	99
45) t-1,3-Dichloropropene	8.713	75	738649	11.940	ppbv	97

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/14/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 14 04:47:47 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

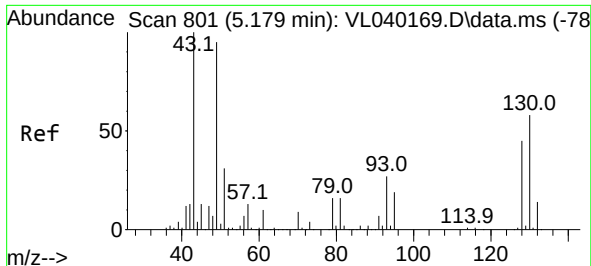
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Mar 01 04:21:39 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	1009676	11.715	ppbv	94
47) 1,1,2-Trichloroethane	8.905	97	795360	10.030	ppbv	97
48) Dibromochloromethane	9.716	129	1389853	10.958	ppbv	100
49) Bromoform	12.417	173	1077849	10.887	ppbv	100
50) 4-Methyl-2-Pentanone	8.182	43	2024792	10.915	ppbv	99
51) 2-Hexanone	9.555	43	1557724	10.919	ppbv #	99
52) Tetrachloroethene	10.622	164	630698	10.716	ppbv	98
53) Toluene	9.224	91	2203511	10.916	ppbv	99
54) 1,2-Dibromoethane	10.015	107	899167	10.898	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.516	131	988125	10.339	ppbv	99
57) Chlorobenzene	11.532	112	1672002	10.052	ppbv	98
58) Ethyl Benzene	12.095	91	2945783	10.649	ppbv	96
59) m/p-Xylene	12.381	91	5112887m	20.868	ppbv	
60) o-Xylene	13.066	91	2481377	10.525	ppbv	100
61) Styrene	12.905	104	1380760	11.156	ppbv	99
62) Isopropylbenzene	14.040	105	3453880	10.207	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.056	83	817233	9.619	ppbv	99
64) n-propylbenzene	14.925	120	871199	10.402	ppbv	98
65) tert-Butylbenzene	16.098	119	2992036	10.172	ppbv	99
66) Benzyl Chloride	16.336	91	198626	10.147	ppbv	98
67) sec-Butylbenzene	16.648	105	4248223	10.070	ppbv	100
69) p-Isopropyltoluene	17.005	119	3388593	10.132	ppbv	100
70) n-Butylbenzene	17.895	91	3680214	10.139	ppbv	100
71) 2-Chlorotoluene	14.812	91	2640588	10.203	ppbv	99
72) 4-Ethyltoluene	15.204	105	2758907	10.586	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	2468023	10.177	ppbv	98
74) 1,2,4-Trimethylbenzene	16.117	105	2658746	9.982	ppbv	97
75) 1,3-Dichlorobenzene	16.339	146	1439203	9.873	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	1383890	9.688	ppbv	99
77) 1,2-Dichlorobenzene	17.153	146	1368757	9.453	ppbv	100
78) Hexachloro-1,3-Butadiene	22.644	225	942960	9.479	ppbv	99
79) Naphthalene	21.397	128	1880248	12.565	ppbv	100
80) Naphthalene,2-methyl-	24.384	142	433264	10.182	ppbv	99
81) 1,2,4-Trichlorobenzene	21.149	180	1009732	10.783	ppbv	97

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



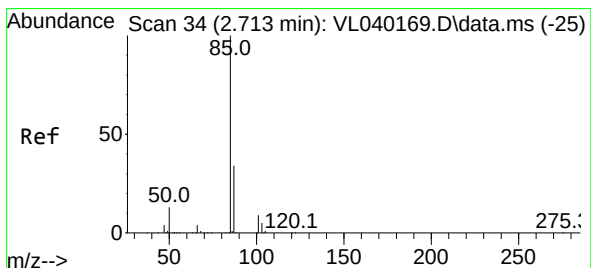
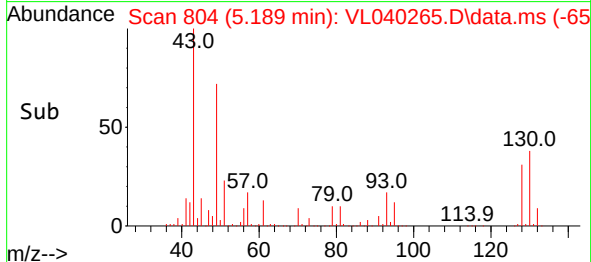
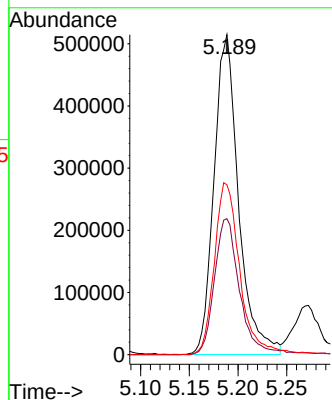
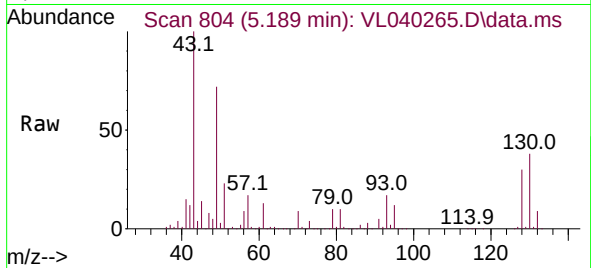
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 801
Delta R.T. -0.012 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 900864
Ion Ratio Lower Upper
49 100
128 44.5 24.1 72.3
130 56.6 30.9 92.8

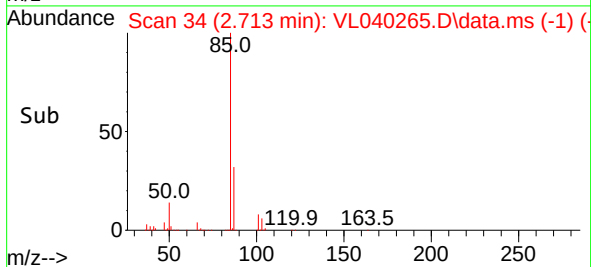
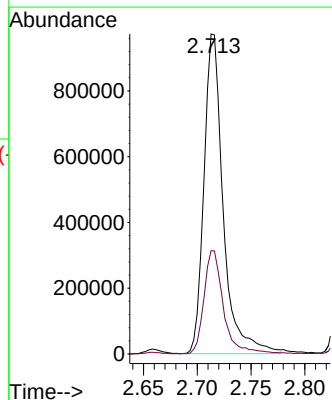
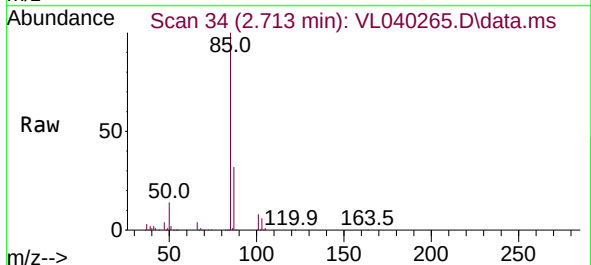
Manual Integrations
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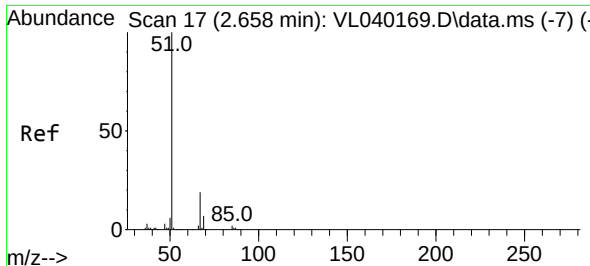
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#2
Dichlorodifluoromethane
Concen: 7.205 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

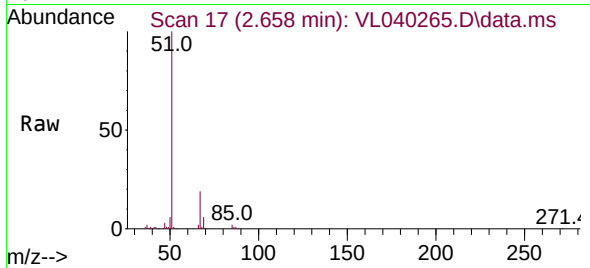
Tgt Ion: 85 Resp: 1209793
Ion Ratio Lower Upper
85 100
87 32.2 27.0 40.6





#3
Chlorodifluoromethane
Concen: 10.564 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

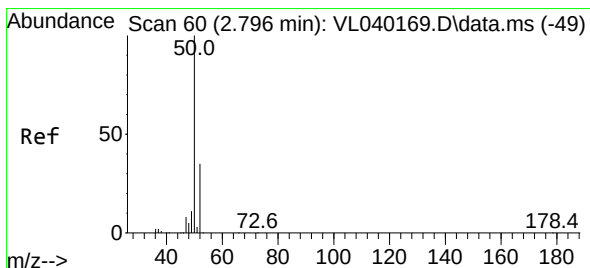
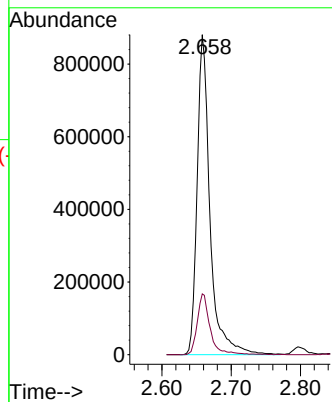
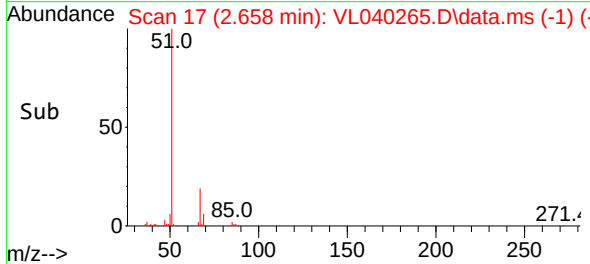
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



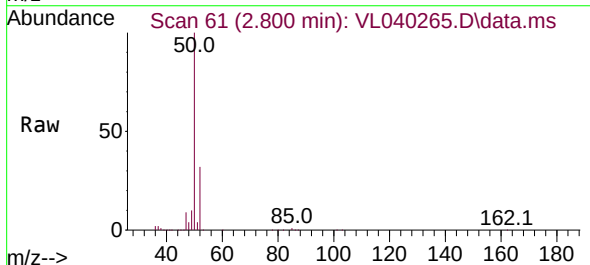
Tgt Ion: 51 Resp: 1136850
Ion Ratio Lower Upper
51 100
67 19.1 15.4 23.2

Manual Integrations
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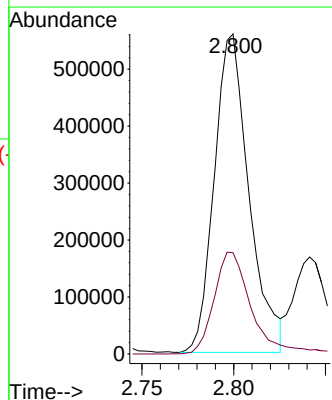
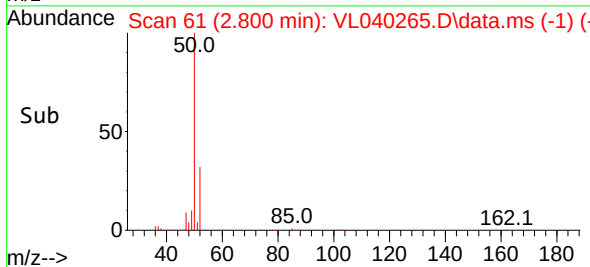
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

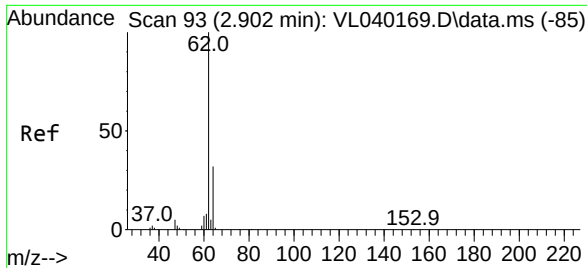


#4
Chloromethane
Concen: 10.860 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05



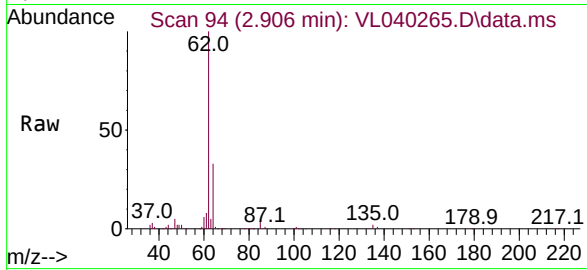
Tgt Ion: 50 Resp: 734097
Ion Ratio Lower Upper
50 100
52 31.8 28.3 42.5





#5
 Vinyl Chloride
 Concen: 11.438 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.013 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05

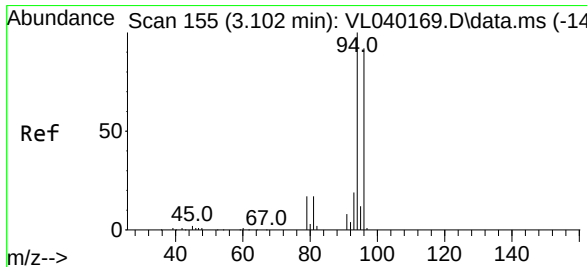
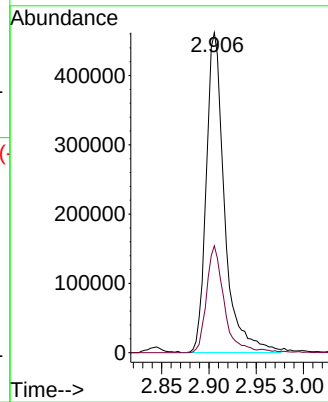
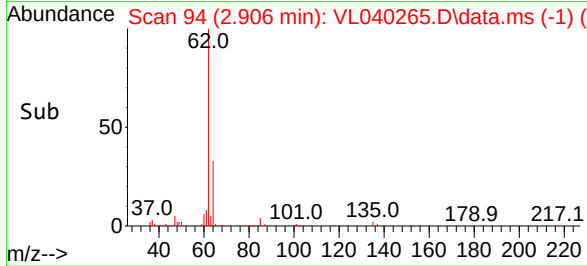
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 62133
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.6 38.4

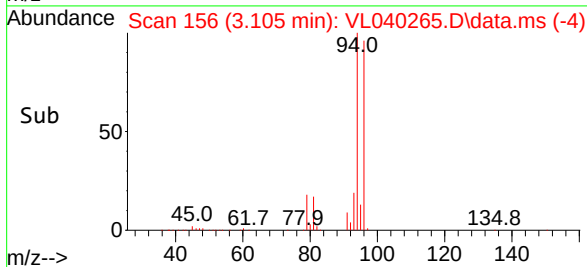
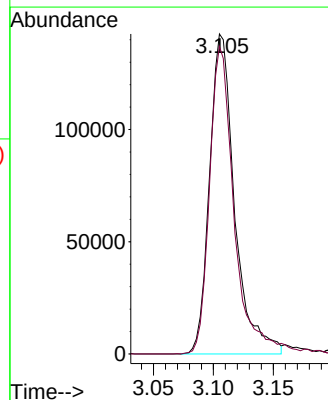
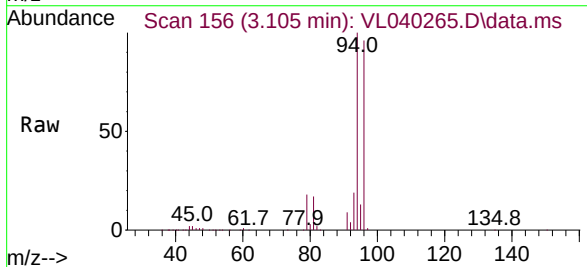
Manual Integrations
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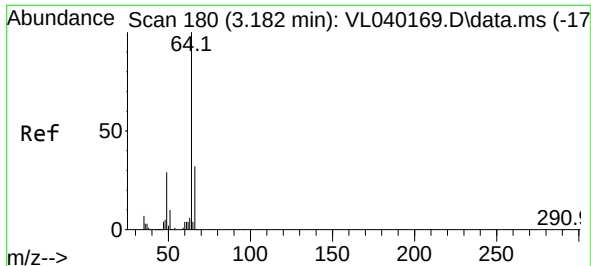
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#6
 Bromomethane
 Concen: 10.589 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. -0.013 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05

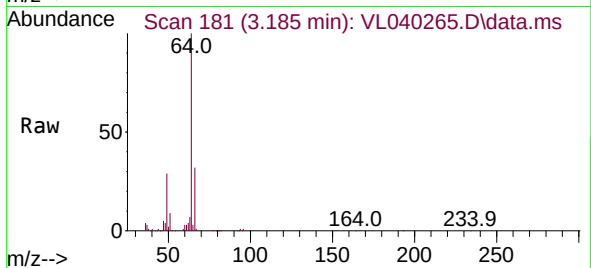
Tgt Ion: 94 Resp: 207598
 Ion Ratio Lower Upper
 94 100
 96 96.1 73.4 110.2





#7
Chloroethane
Concen: 10.797 ppbv
RT: 3.185 min Scan# 180
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

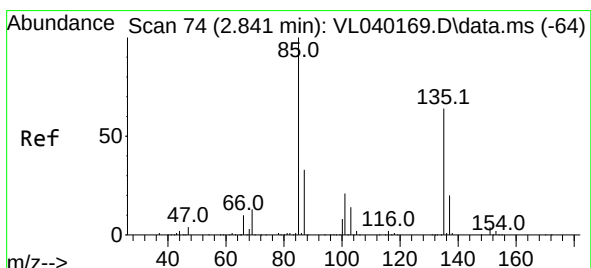
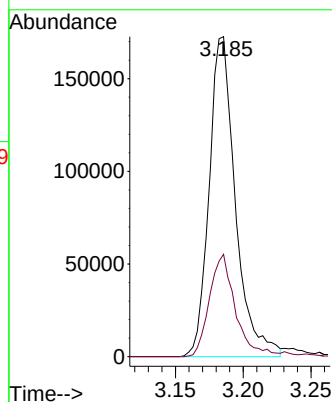
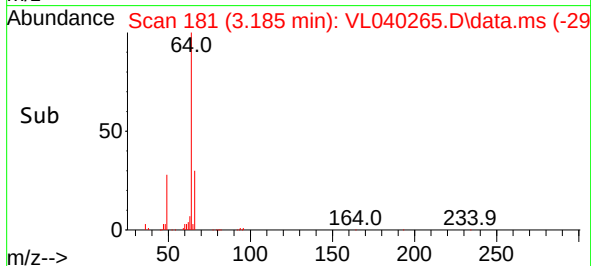
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 232578
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.2

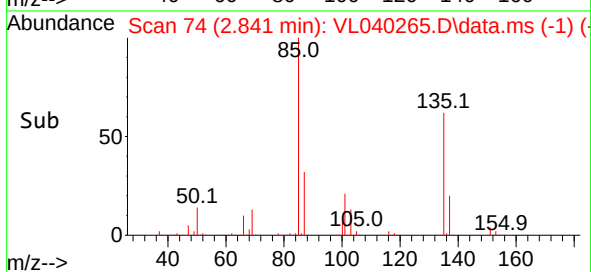
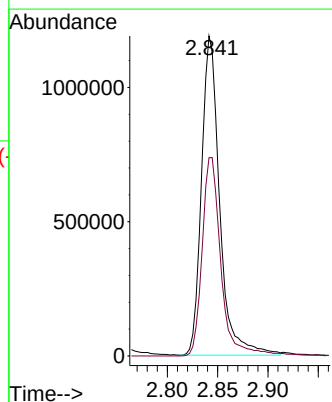
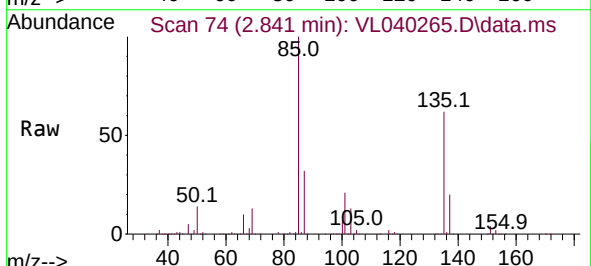
Manual Integrations
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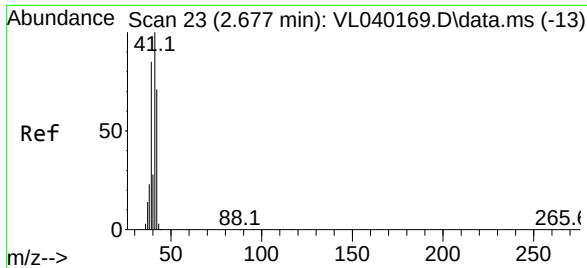
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#8
Dichlorotetrafluoroethane
Concen: 10.330 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

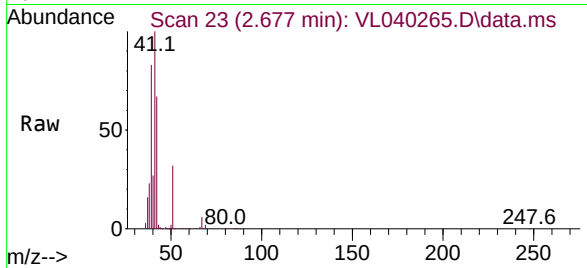
Tgt Ion: 85 Resp: 1494548
Ion Ratio Lower Upper
85 100
135 64.7 51.5 77.3





#9
 Propene
 Concen: 10.822 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05

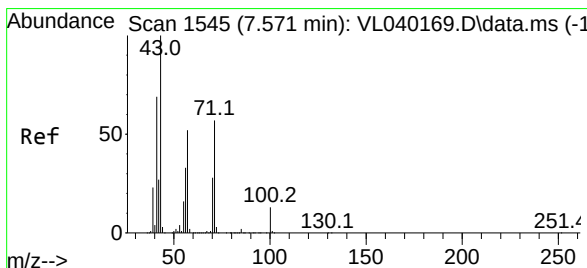
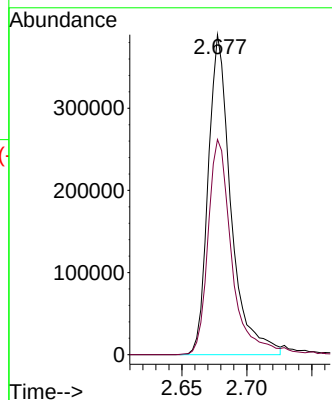
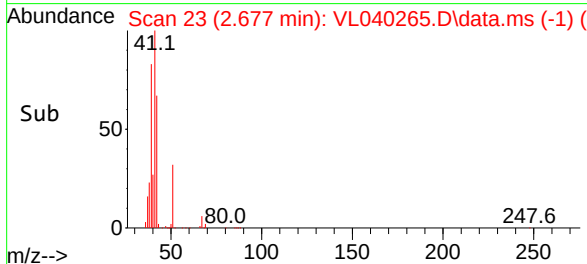
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



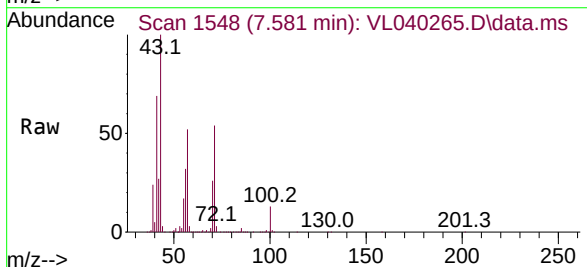
Tgt Ion: 41 Resp: 47474
 Ion Ratio Lower Upper
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 42 71.5 56.9 85.3

Manual Integrations
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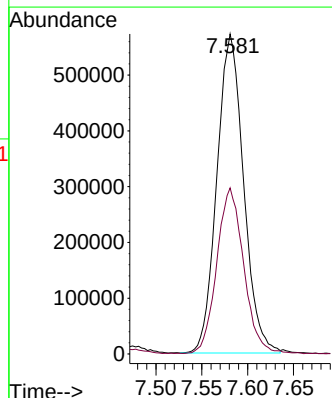
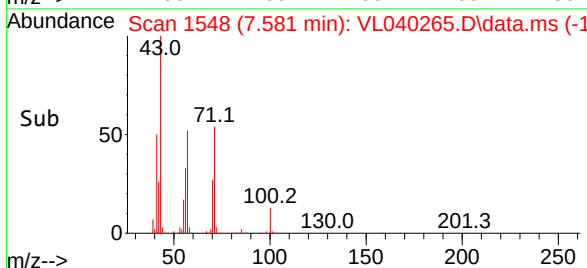
Reviewed By :Semsettin Yesilyurt 03/14/2023
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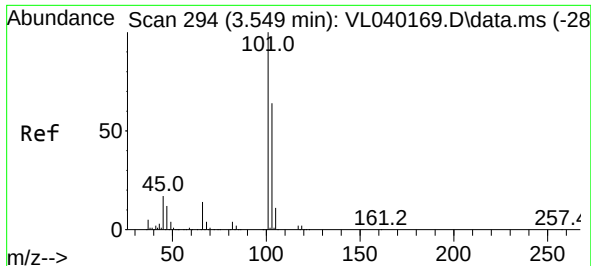


#10
 Heptane
 Concen: 11.089 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. -0.013 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05



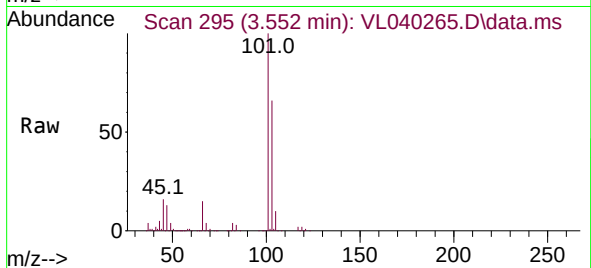
Tgt Ion: 43 Resp: 1157829
 Ion Ratio Lower Upper
 43 100
 57 52.6 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 10.413 ppbv
 RT: 3.552 min Scan# 294
 Delta R.T. -0.013 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05

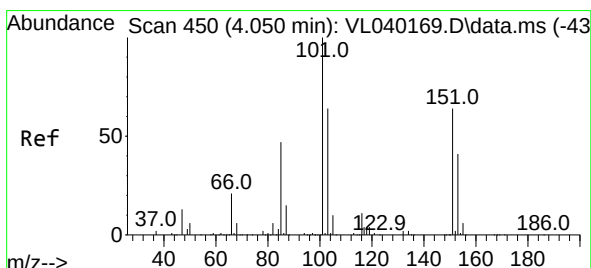
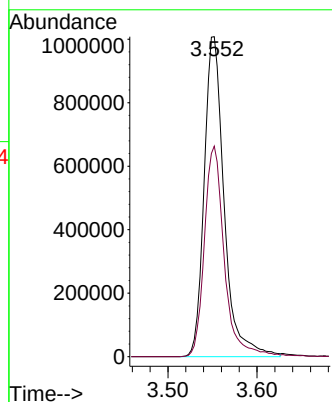
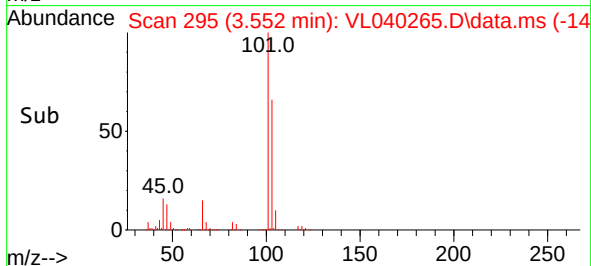
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



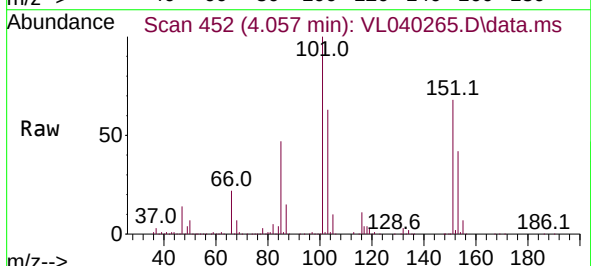
Tgt Ion:101 Resp: 1568652
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.0 76.6

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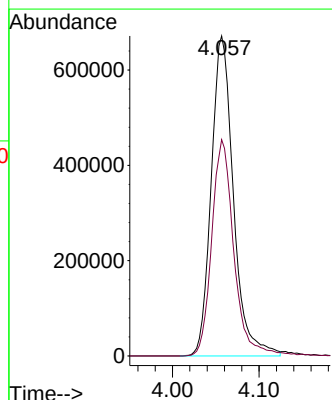
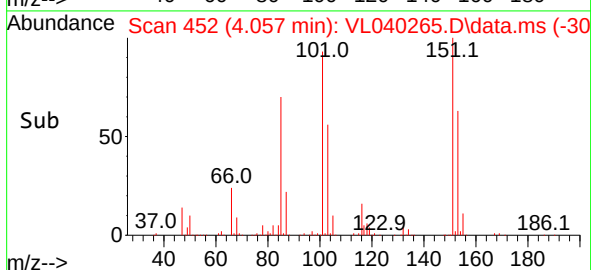
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

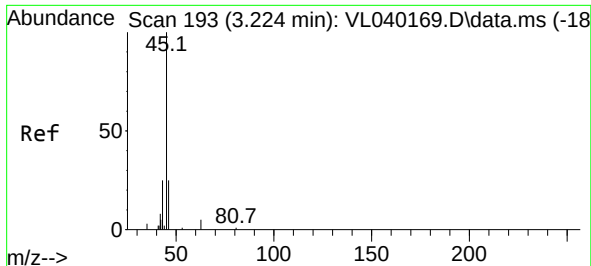


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.750 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.013 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05



Tgt Ion:101 Resp: 1194766
 Ion Ratio Lower Upper
 101 100
 151 67.8 54.7 82.1





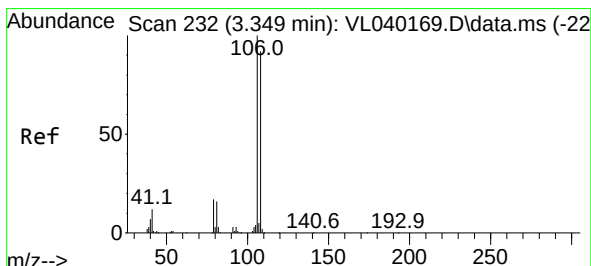
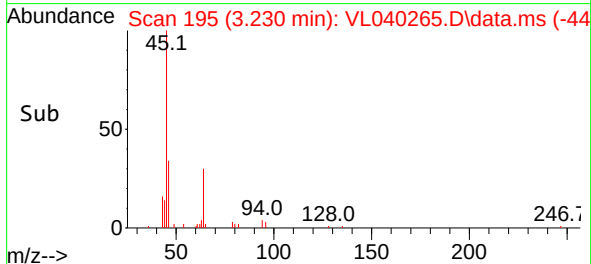
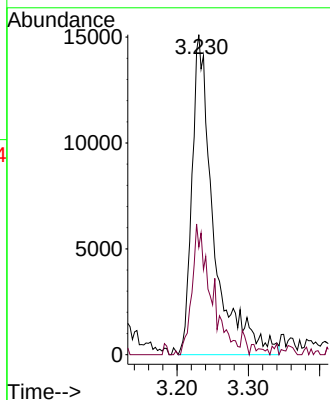
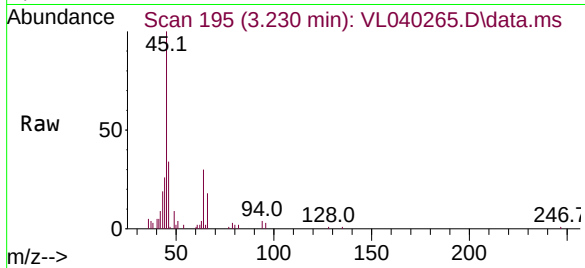
#13
Ethanol
Concen: 7.920 ppbv m
RT: 3.230 min Scan# 193
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 3198
Ion Ratio Lower Upper
45 100
46 39.0 13.3 53.1

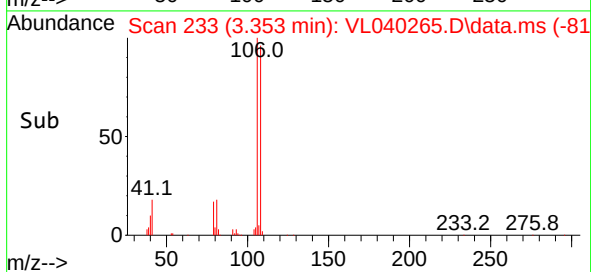
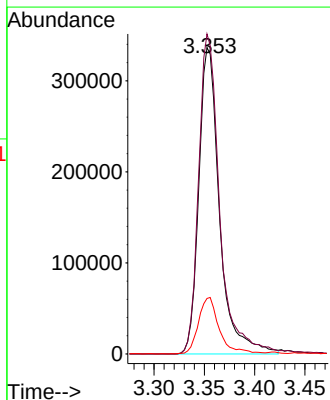
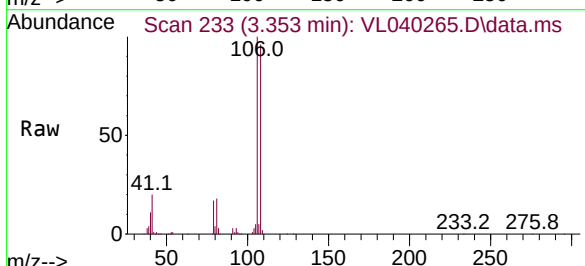
Manual Integrations
APPROVED

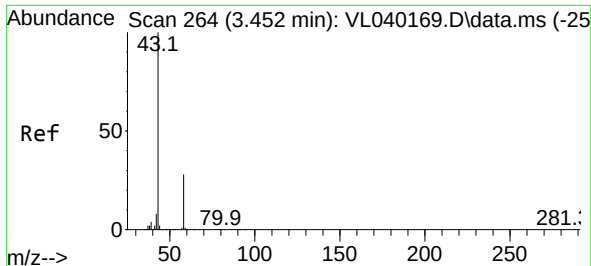
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#14
Bromoethene
Concen: 11.325 ppbv
RT: 3.353 min Scan# 233
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

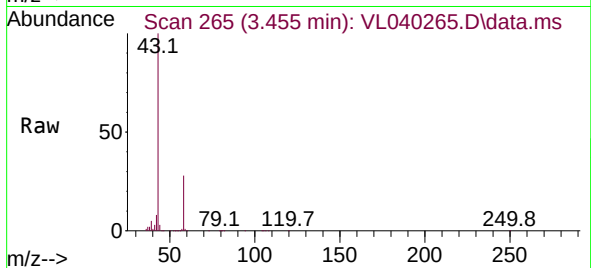
Tgt Ion:108 Resp: 482653
Ion Ratio Lower Upper
108 100
106 107.5 87.1 130.7
79 19.6 15.4 23.2





#15
Acetone
Concen: 10.069 ppbv
RT: 3.455 min Scan# 20
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

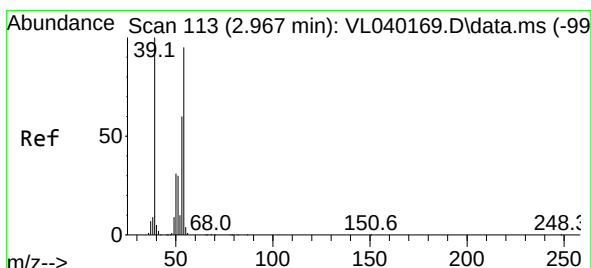
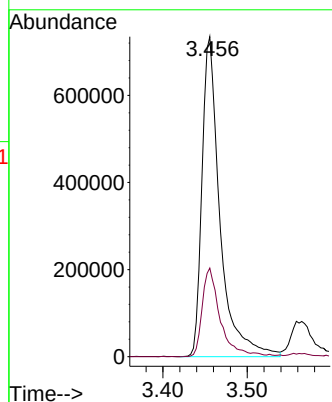
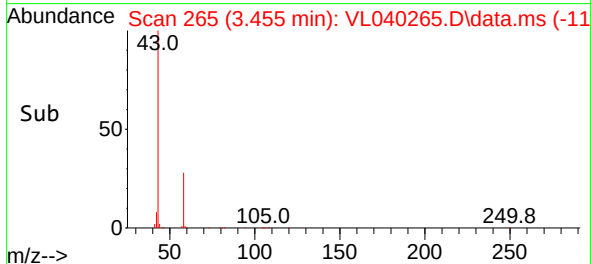
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 109211
Ion Ratio Lower Upper
43 100
58 27.9 22.4 33.6

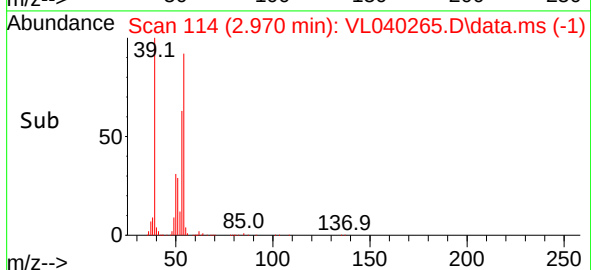
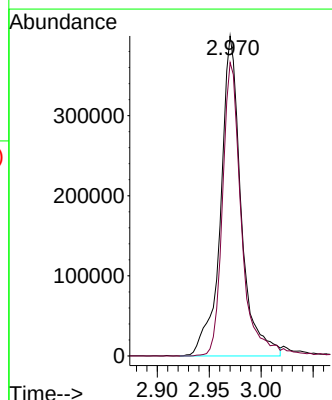
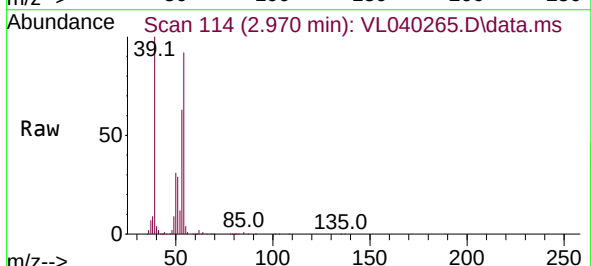
Manual Integrations
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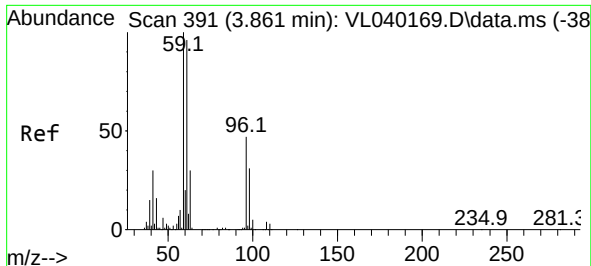
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#16
1,3-Butadiene
Concen: 11.114 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Tgt Ion: 39 Resp: 550470
Ion Ratio Lower Upper
39 100
54 85.9 66.7 100.1





#17

tert-Butyl alcohol

Concen: 11.844 ppbv

RT: 3.867 min Scan# 391

Delta R.T. -0.013 min

Lab File: VL040265.D

Acq: 13 Mar 2023 13:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 117155

Ion Ratio Lower Upper

59 100

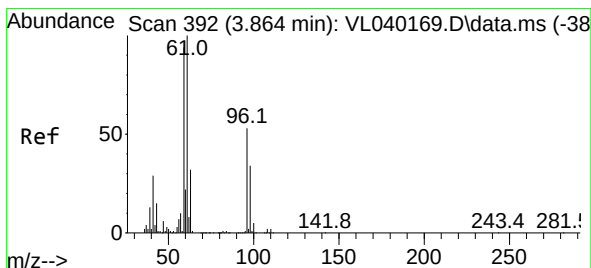
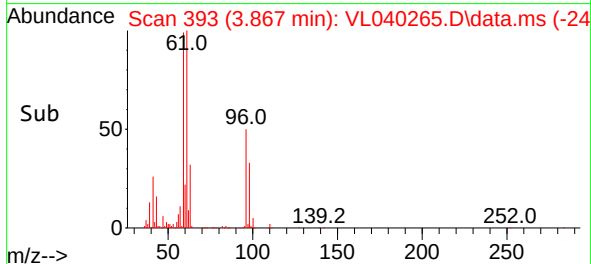
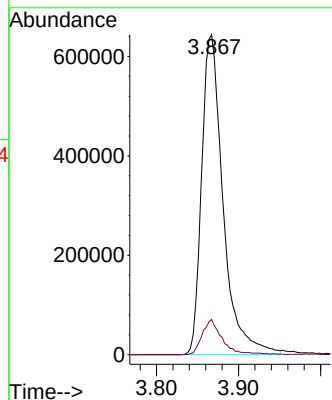
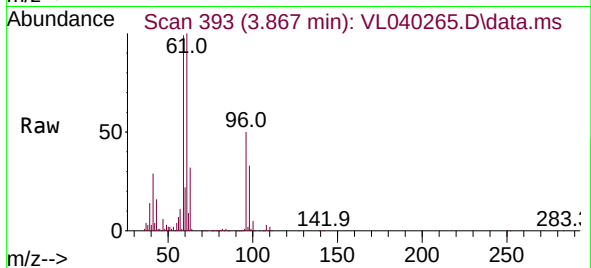
57 10.3 8.5 12.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#18

1,1-Dichloroethene

Concen: 11.021 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.013 min

Lab File: VL040265.D

Acq: 13 Mar 2023 13:05

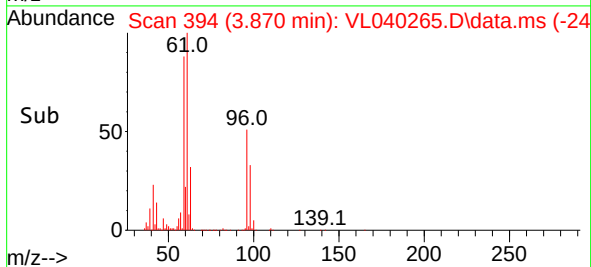
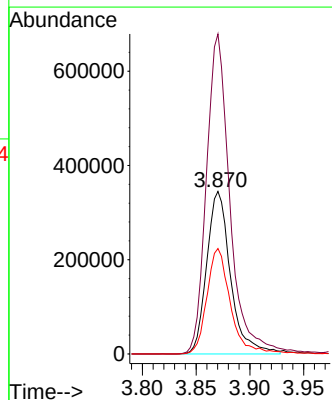
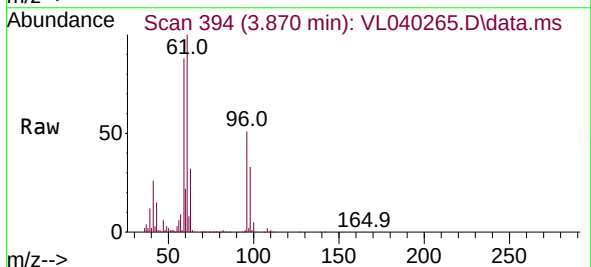
Tgt Ion: 96 Resp: 532196

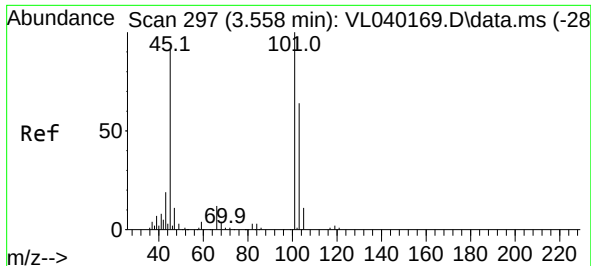
Ion Ratio Lower Upper

96 100

61 196.7 149.6 224.4

98 64.8 51.1 76.7





#19

Isopropyl Alcohol

Concen: 10.304 ppbv

RT: 3.562 min Scan# 297

Delta R.T. -0.013 min

Lab File: VL040265.D

Acq: 13 Mar 2023 13:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 53125

Ion Ratio Lower Upper

45 100

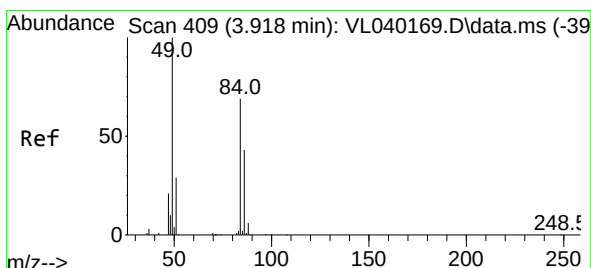
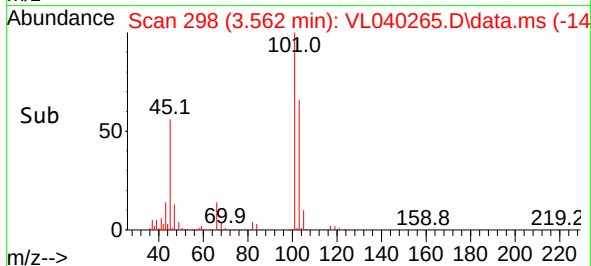
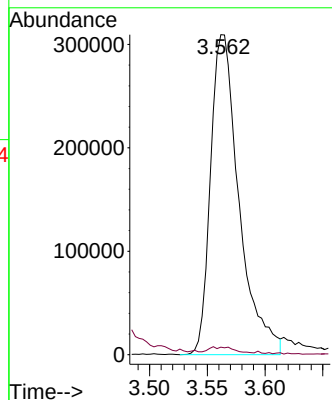
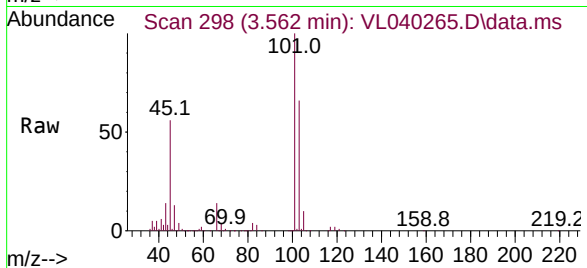
58 3.7 2.6 3.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#20

Methylene Chloride

Concen: 7.946 ppbv

RT: 3.922 min Scan# 410

Delta R.T. -0.013 min

Lab File: VL040265.D

Acq: 13 Mar 2023 13:05

Tgt Ion: 84 Resp: 448633

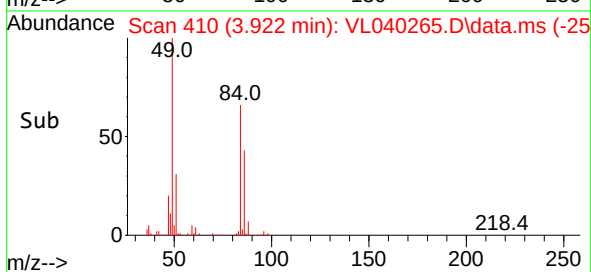
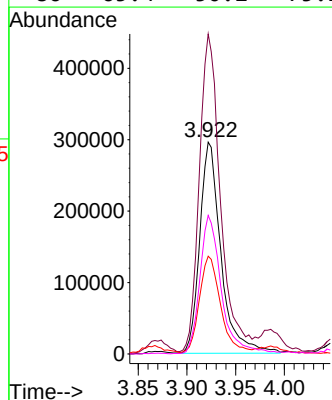
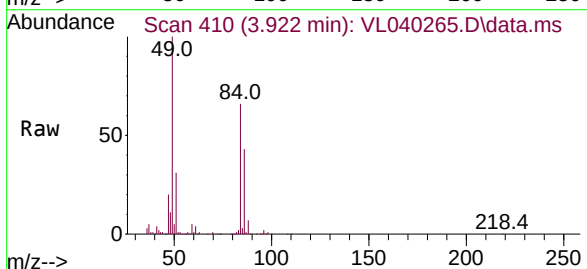
Ion Ratio Lower Upper

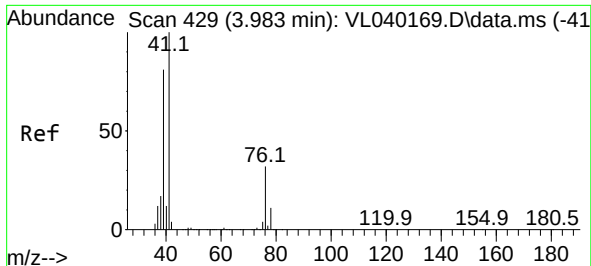
84 100

49 150.5 115.5 173.3

51 45.7 33.1 49.7

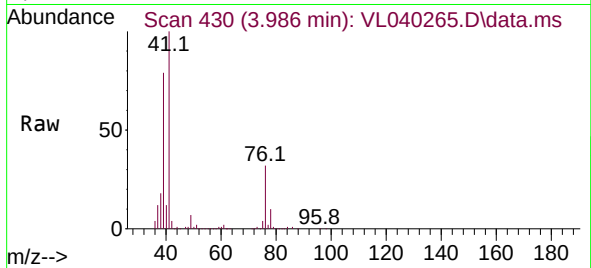
86 65.4 50.2 75.2





#21
 Allyl Chloride
 Concen: 11.571 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05

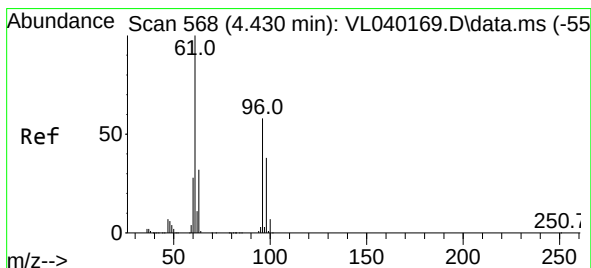
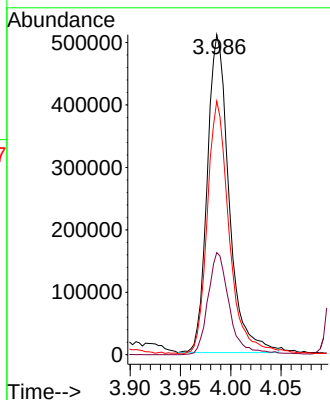
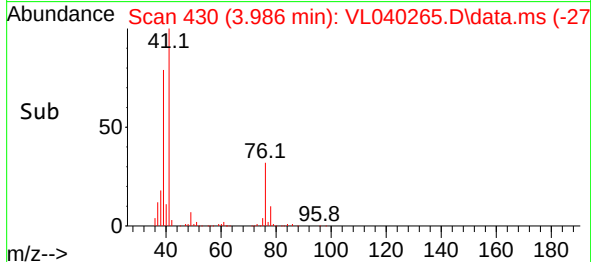
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 76970
 Ion Ratio Lower Upper
 41 100
 76 31.8 25.5 38.3
 39 80.1 64.5 96.7

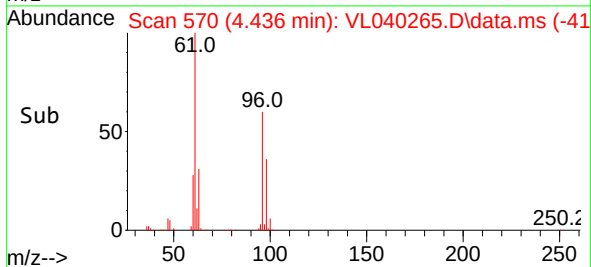
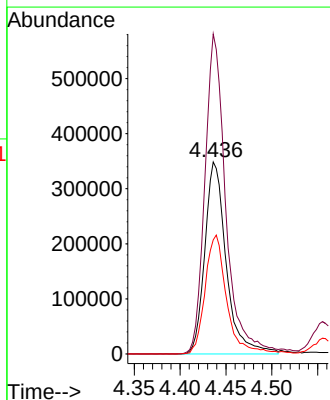
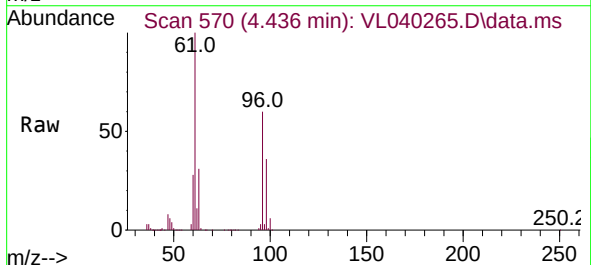
Manual Integrations
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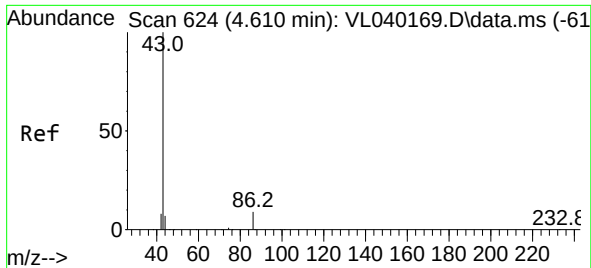
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#22
 trans-1,2-Dichloroethene
 Concen: 11.356 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. -0.016 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05

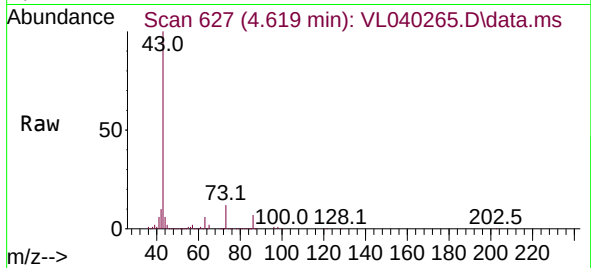
Tgt Ion: 96 Resp: 567854
 Ion Ratio Lower Upper
 96 100
 61 166.7 137.5 206.3
 98 59.5 52.8 79.2





#23
 Vinyl Acetate
 Concen: 11.035 ppbv
 RT: 4.619 min Scan# 610
 Delta R.T. -0.013 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05

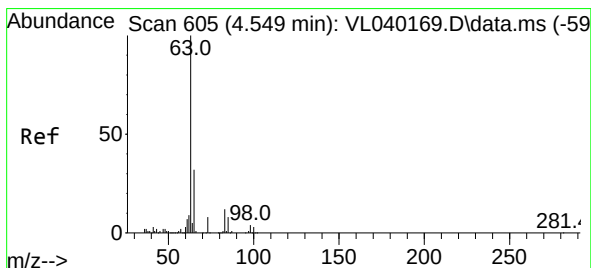
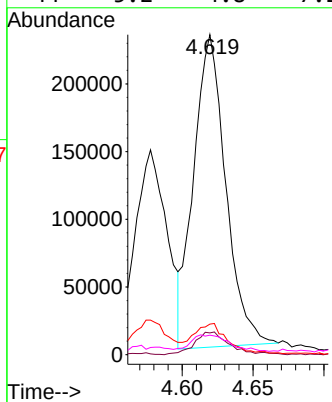
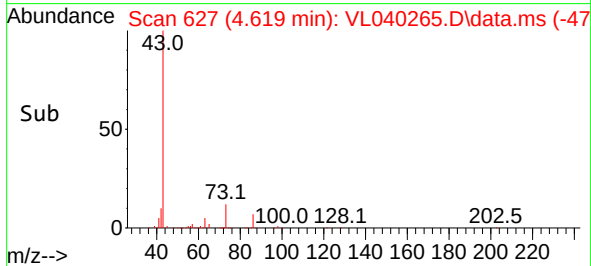
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



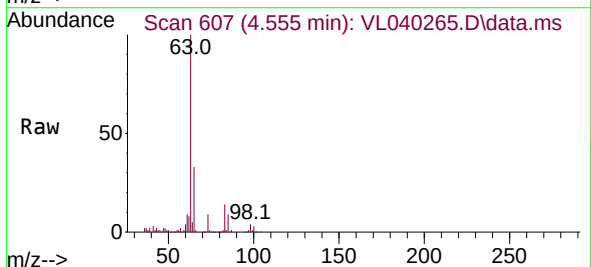
Tgt Ion: 43 Resp: 363230
 Ion Ratio Lower Upper
 43 100
 86 6.7 5.6 8.4
 42 9.3 7.6 11.4
 44 5.2 4.8 7.2

Manual Integrations
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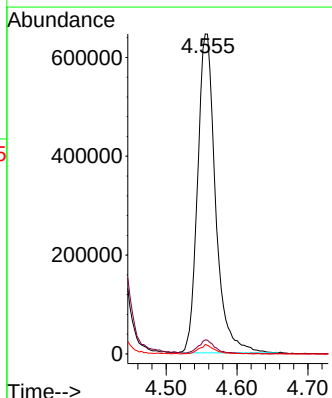
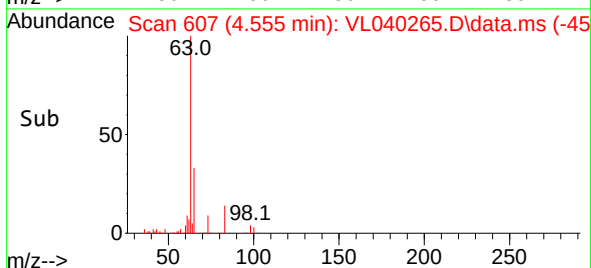
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

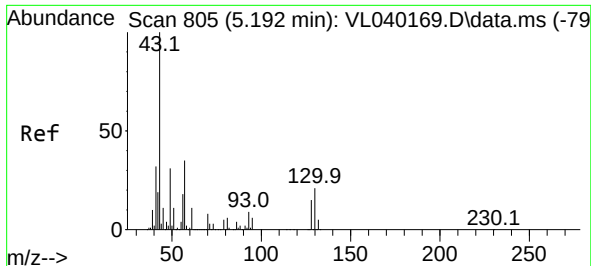


#24
 1,1-Dichloroethane
 Concen: 11.010 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.016 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05



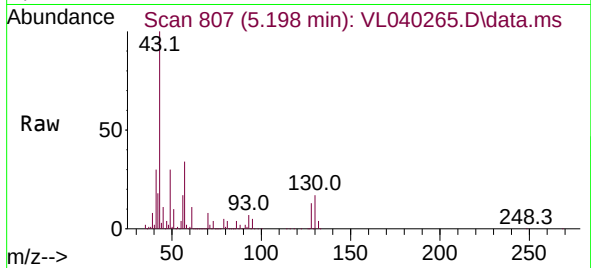
Tgt Ion: 63 Resp: 1132823
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.3 6.8
 100 3.0 1.4 4.0





#25
Ethyl Acetate
Concen: 10.103 ppbv
RT: 5.198 min Scan# 805
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

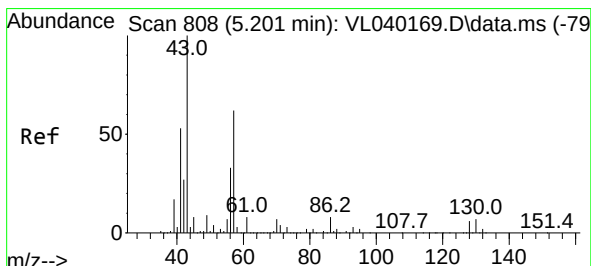
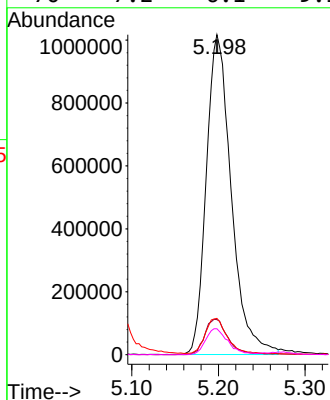
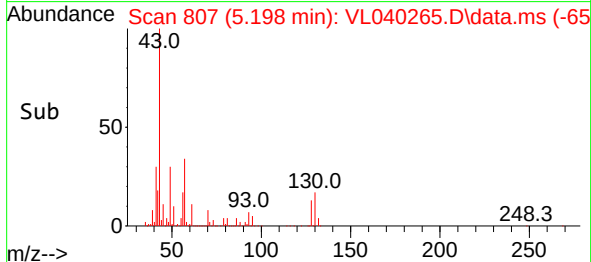
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 203696
Ion Ratio Lower Upper
43 100
45 10.5 8.3 12.5
61 10.6 8.4 12.6
70 7.2 6.1 9.1

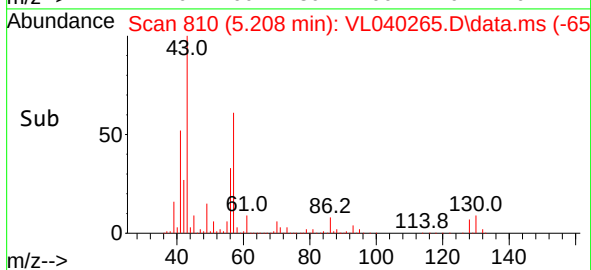
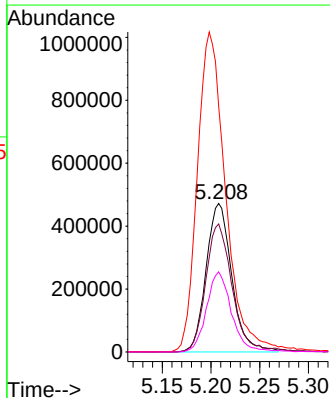
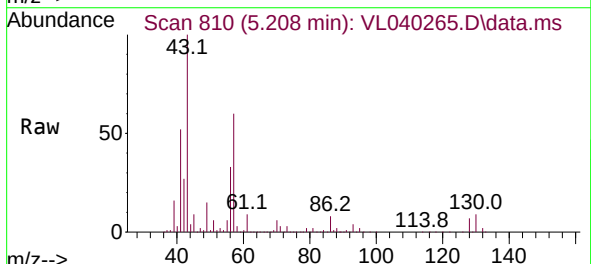
Manual Integrations
APPROVED

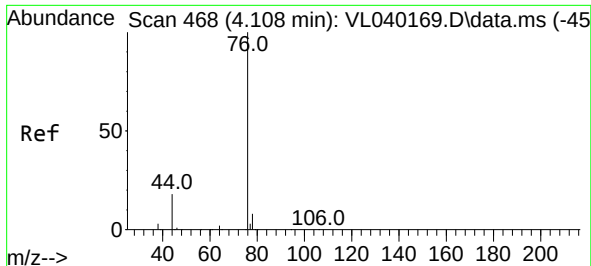
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#26
Hexane
Concen: 9.971 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

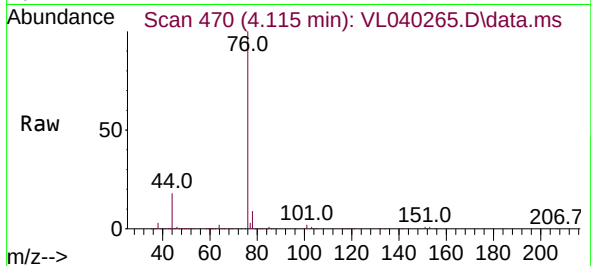
Tgt Ion: 57 Resp: 863046
Ion Ratio Lower Upper
57 100
41 89.7 74.3 111.5
43 239.7 193.0 289.4
56 53.1 42.6 64.0





#27
Carbon Disulfide
Concen: 12.135 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

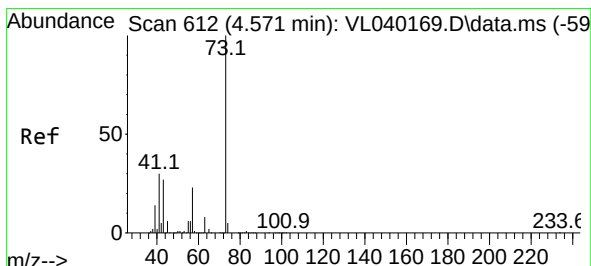
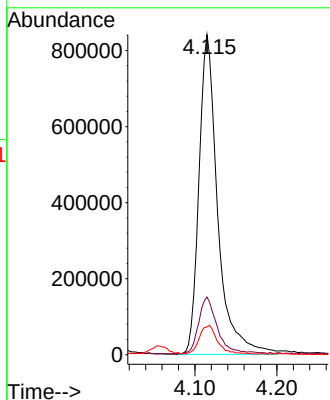
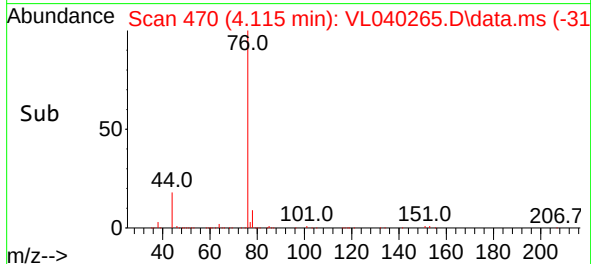
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



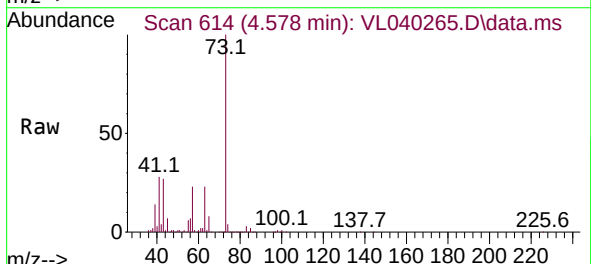
Tgt Ion: 76 Resp: 133284
Ion Ratio Lower Upper
76 100
44 18.0 15.3 22.9
78 9.3 7.7 11.5

Manual Integrations
APPROVED

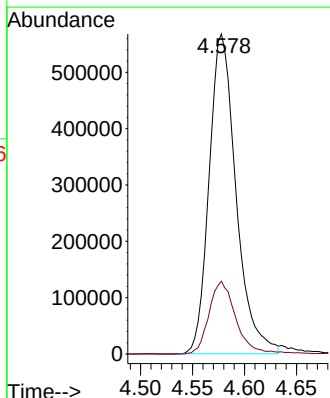
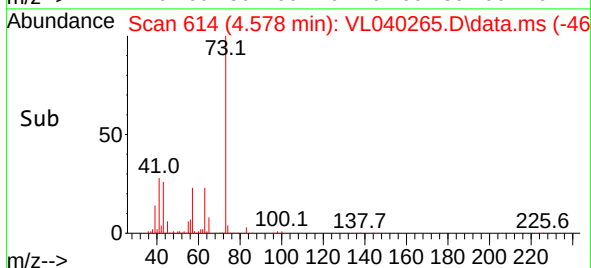
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

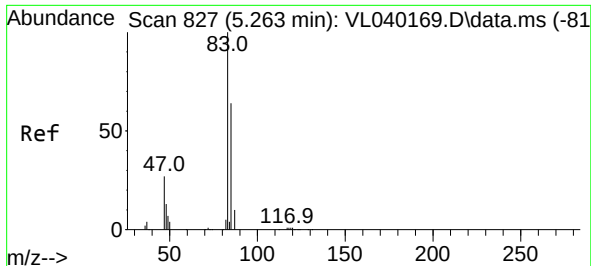


#28
Methyl tert-Butyl Ether
Concen: 11.042 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05



Tgt Ion: 73 Resp: 1024029
Ion Ratio Lower Upper
73 100
57 22.9 18.8 28.2





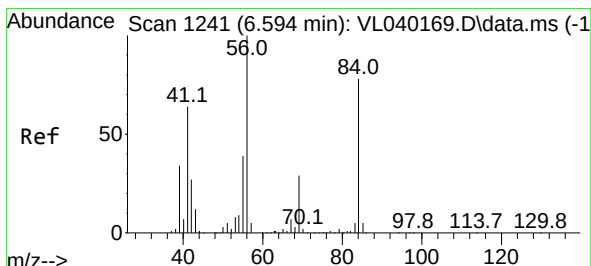
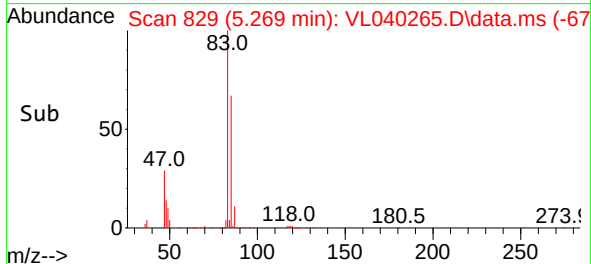
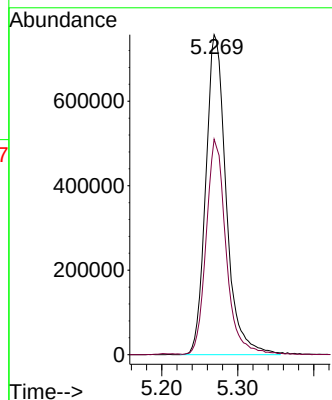
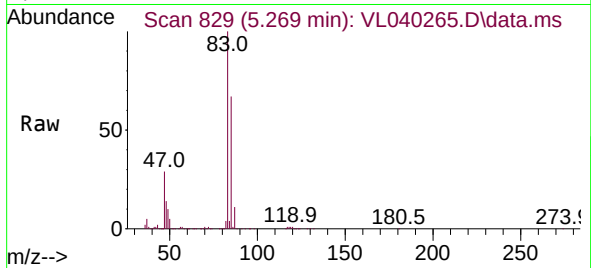
#29
Chloroform
Concen: 9.511 ppbv
RT: 5.269 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 141353
Ion Ratio Lower Upper
83 100
85 67.2 51.5 77.3

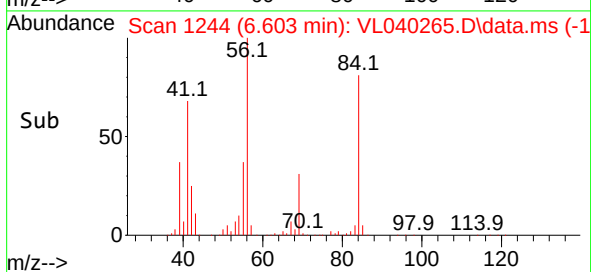
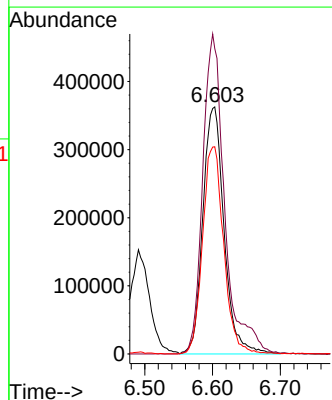
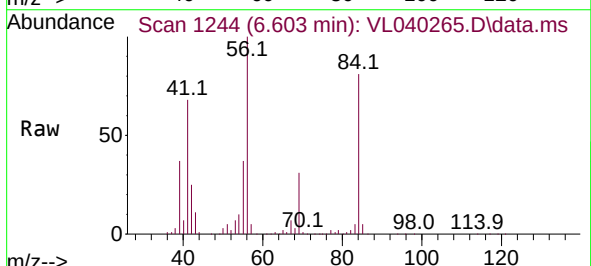
Manual Integrations
APPROVED

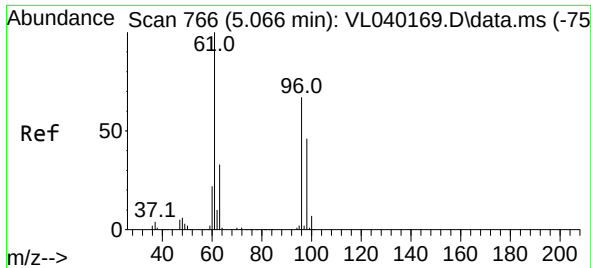
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#30
Cyclohexane
Concen: 11.618 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

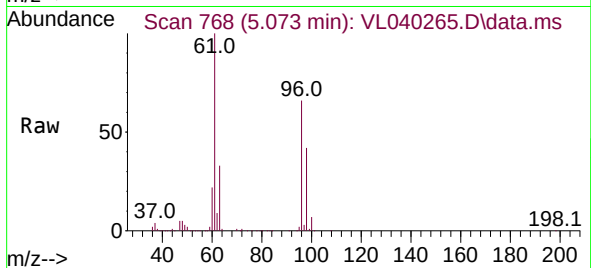
Tgt Ion: 84 Resp: 789597
Ion Ratio Lower Upper
84 100
56 133.9 109.9 164.9
41 83.7 67.8 101.6





#31
cis-1,2-Dichloroethene
Concen: 10.502 ppbv
RT: 5.073 min Scan# 70
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

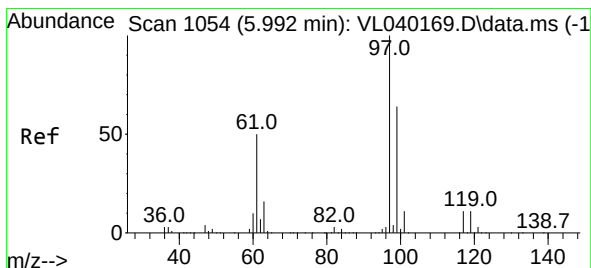
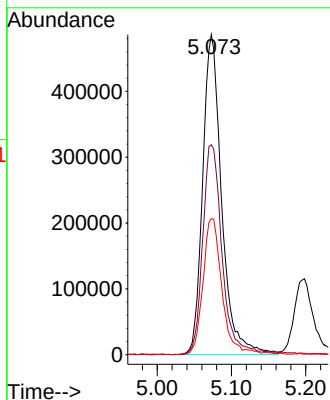
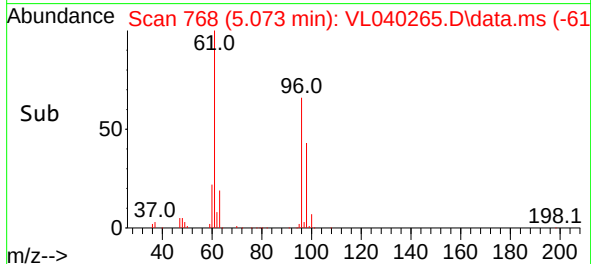
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 61 Resp: 863660
Ion Ratio Lower Upper
61 100
96 65.6 53.7 80.5
98 42.4 36.4 54.6

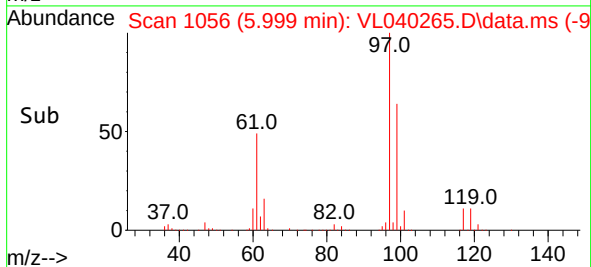
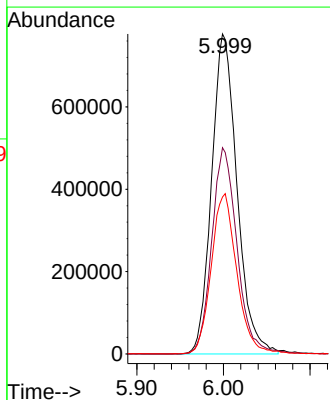
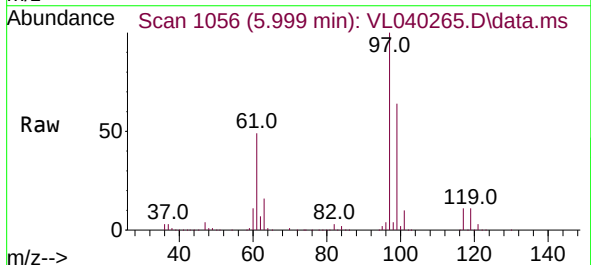
Manual Integrations
APPROVED

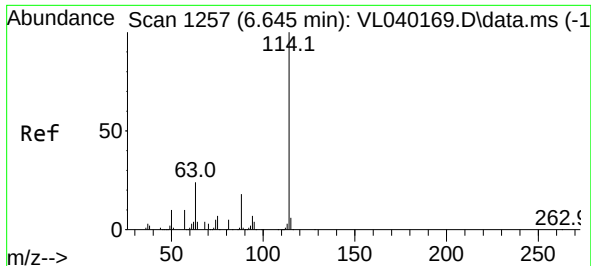
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#32
1,1,1-Trichloroethane
Concen: 11.344 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Tgt Ion: 97 Resp: 1583949
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 50.8 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL040265.D

Acq: 13 Mar 2023 13:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 242184

Ion Ratio Lower Upper

114 100

63 26.1 20.4 30.6

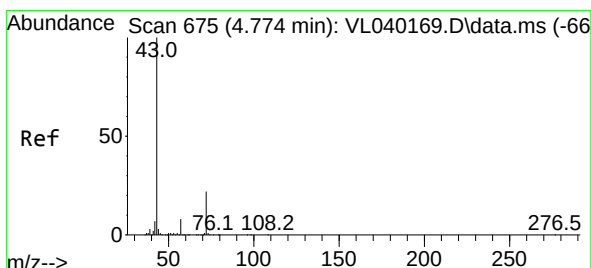
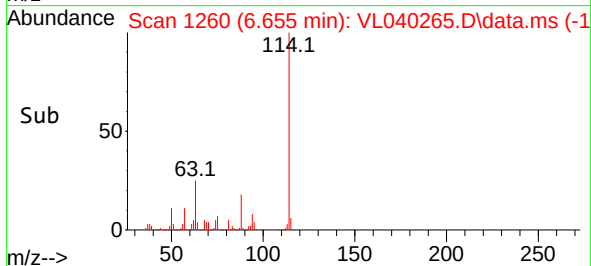
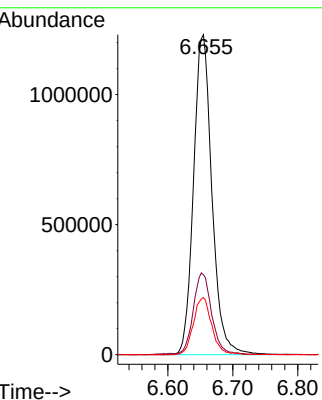
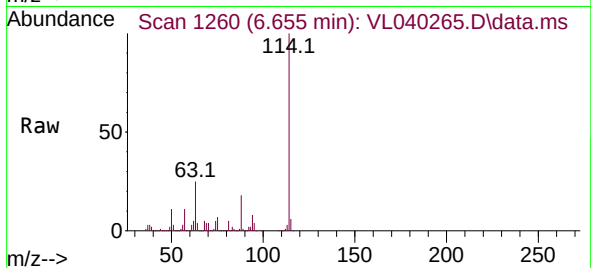
88 17.9 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#34

2-Butanone

Concen: 10.227 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.016 min

Lab File: VL040265.D

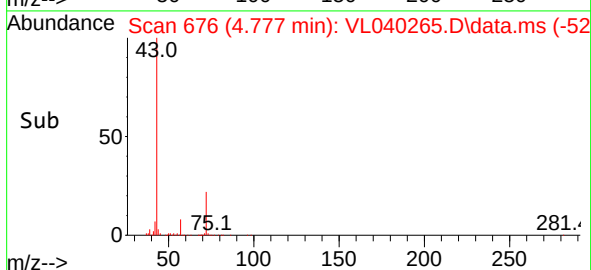
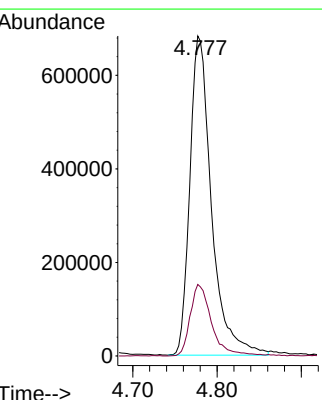
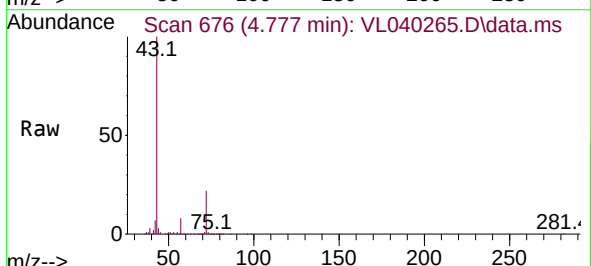
Acq: 13 Mar 2023 13:05

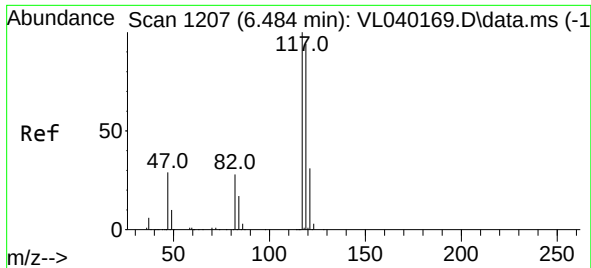
Tgt Ion: 43 Resp: 1221814

Ion Ratio Lower Upper

43 100

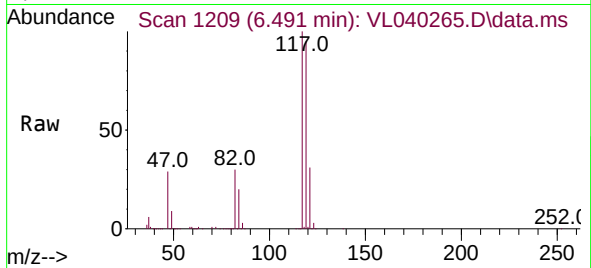
72 22.4 17.8 26.8





#35
Carbon Tetrachloride
Concen: 11.385 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

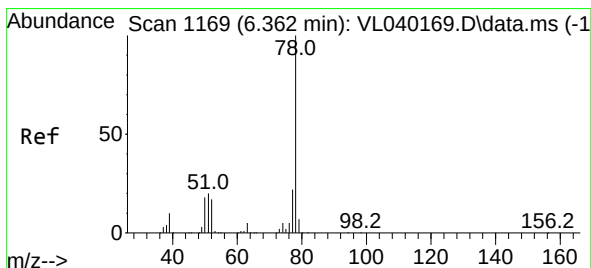
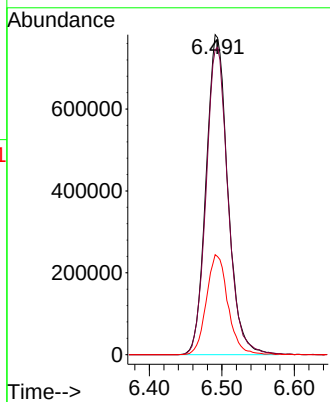
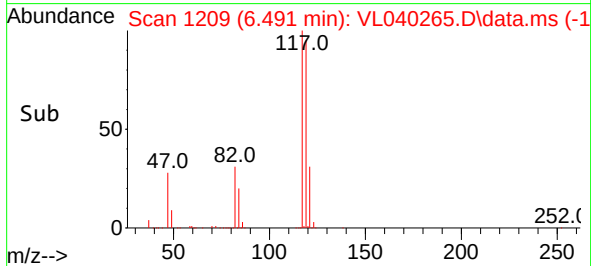
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 162995
Ion Ratio Lower Upper
117 100
119 95.2 75.0 112.6
121 31.2 25.0 37.4

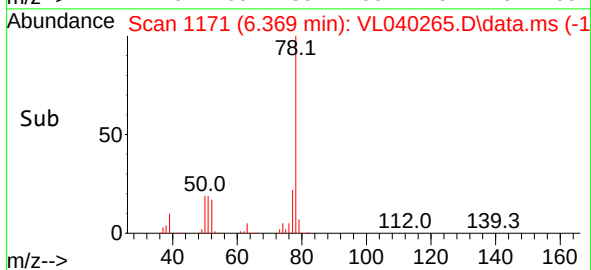
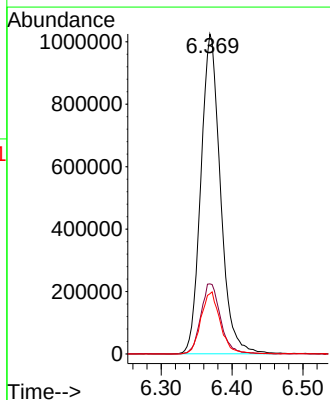
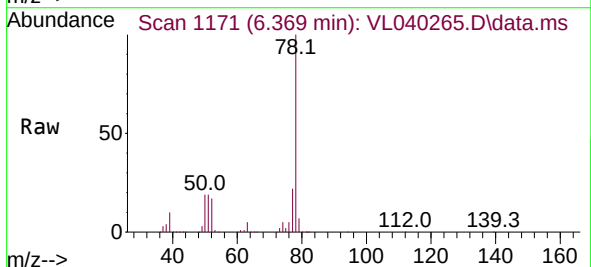
Manual Integrations
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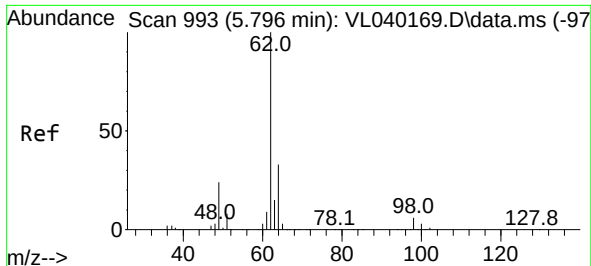
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#36
Benzene
Concen: 10.428 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Tgt Ion: 78 Resp: 1965320
Ion Ratio Lower Upper
78 100
77 21.9 17.5 26.3
50 18.8 14.6 22.0





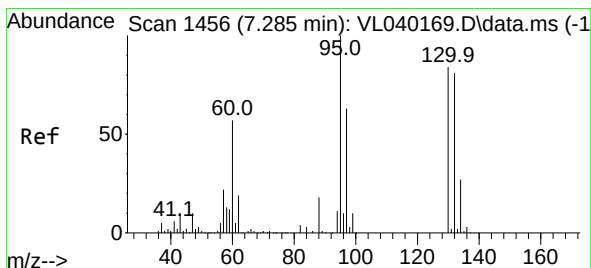
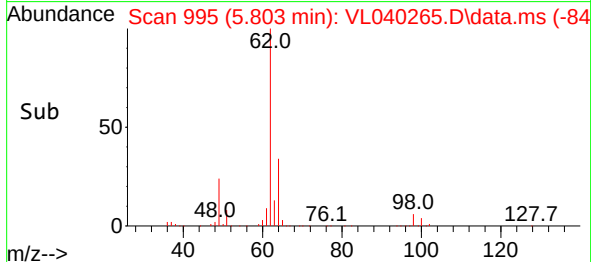
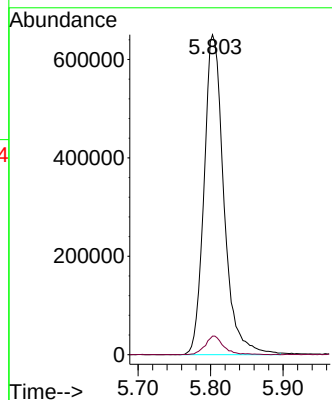
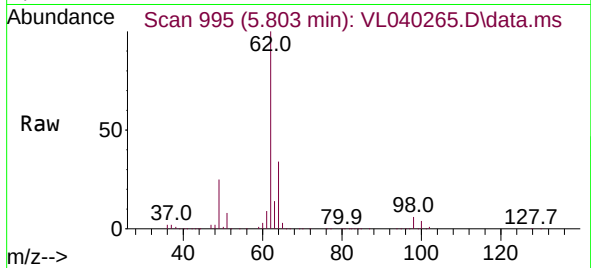
#37
1,2-Dichloroethane
Concen: 10.469 ppbv
RT: 5.803 min Scan# 993
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 123408
Ion Ratio Lower Upper
62 100
98 5.5 4.7 7.1

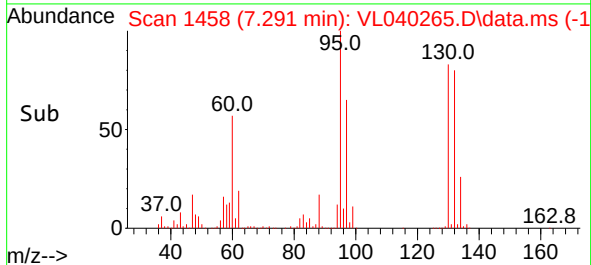
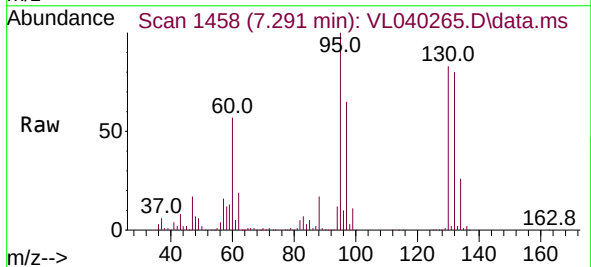
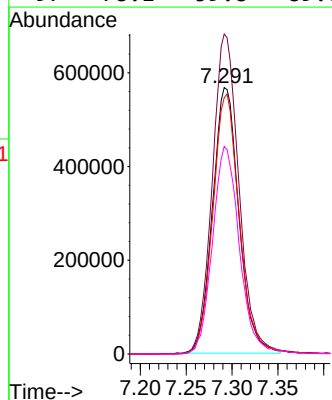
Manual Integrations
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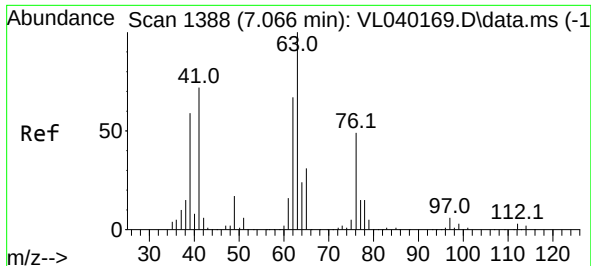
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#38
Trichloroethene
Concen: 10.910 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Tgt Ion:130 Resp: 1133037
Ion Ratio Lower Upper
130 100
95 120.4 94.7 142.1
132 96.3 76.4 114.6
97 78.1 59.8 89.6





#39

1,2-Dichloropropane

Concen: 10.255 ppbv

RT: 7.073 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040265.D

Acq: 13 Mar 2023 13:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 751890

Ion Ratio Lower Upper

63 100

41 74.8 57.6 86.4

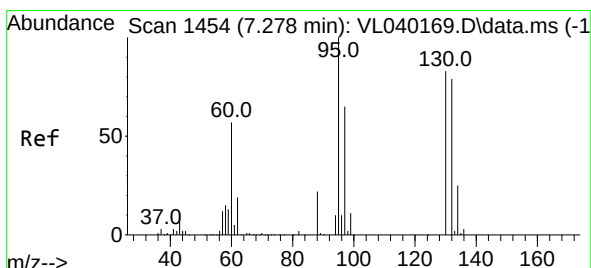
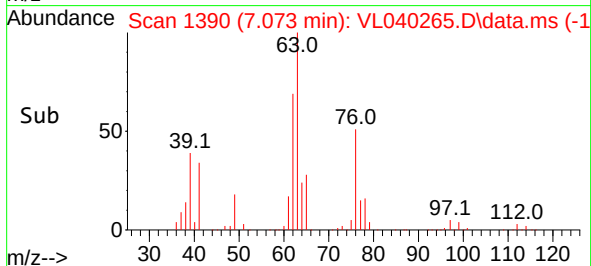
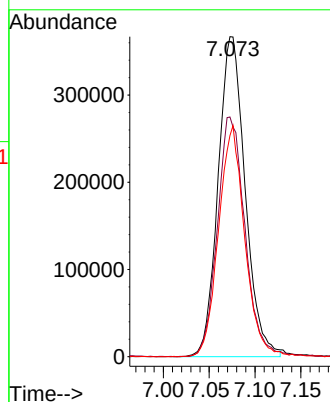
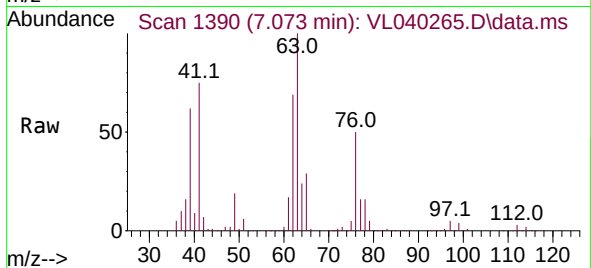
62 69.1 54.0 81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#40

1,4-Dioxane

Concen: 9.215 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.016 min

Lab File: VL040265.D

Acq: 13 Mar 2023 13:05

Tgt Ion: 88 Resp: 270273

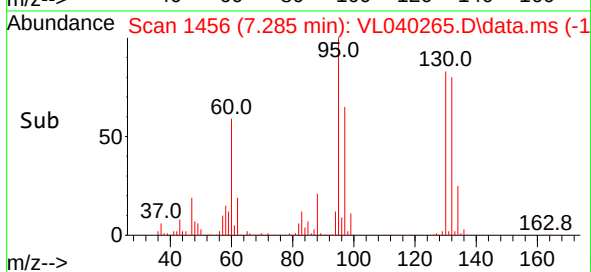
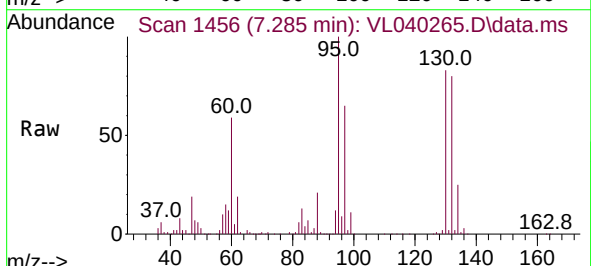
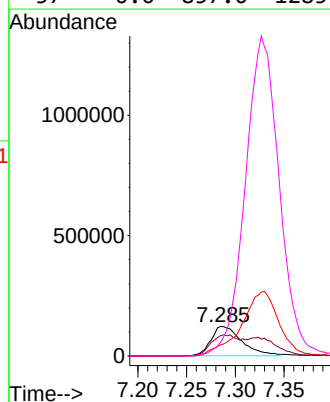
Ion Ratio Lower Upper

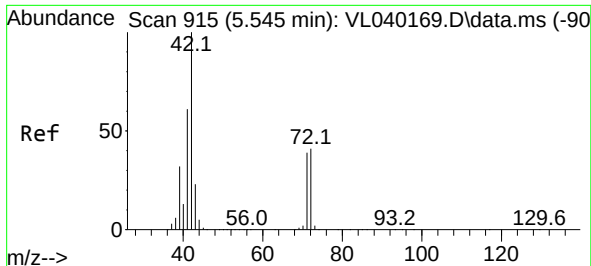
88 100

58 130.0 97.4 146.0

43 0.0 193.5 290.3#

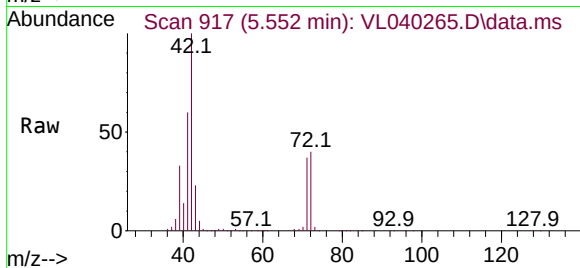
57 0.0 857.0 1285.6#





#41
Tetrahydrofuran
Concen: 10.721 ppbv
RT: 5.552 min Scan# 915
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

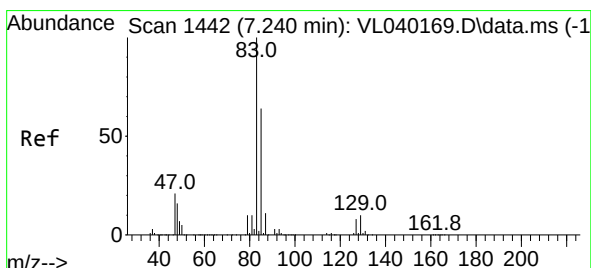
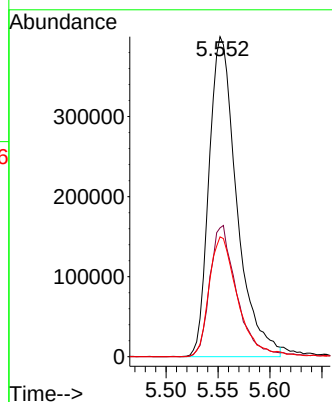
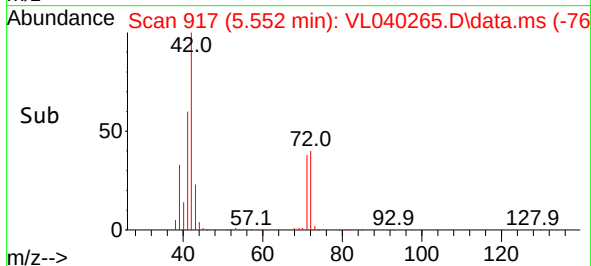
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 742240
Ion Ratio Lower Upper
42 100
72 40.6 33.0 49.4
71 39.2 31.4 47.2

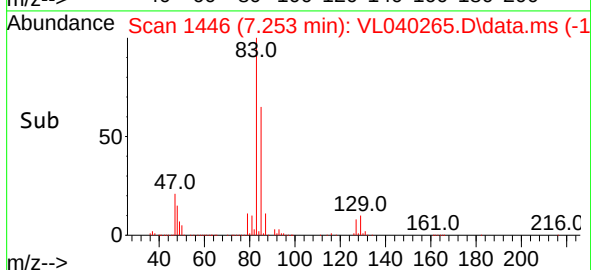
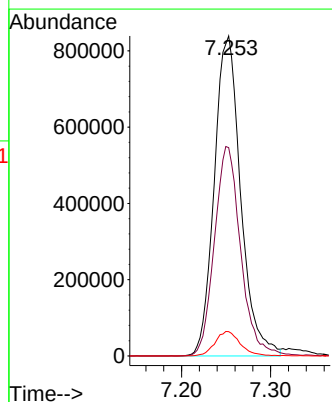
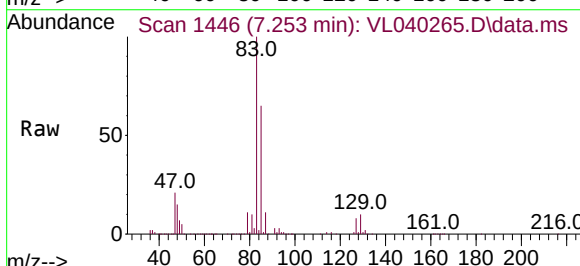
Manual Integrations
APPROVED

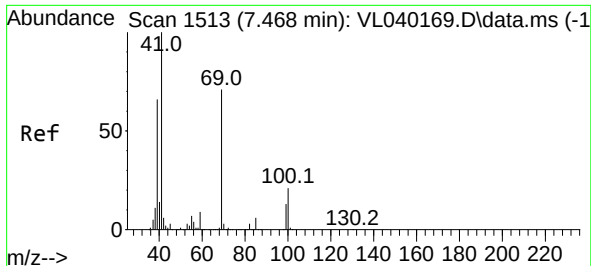
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#42
Bromodichloromethane
Concen: 10.644 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.010 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Tgt Ion: 83 Resp: 1731720
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3
127 7.6 6.2 9.2





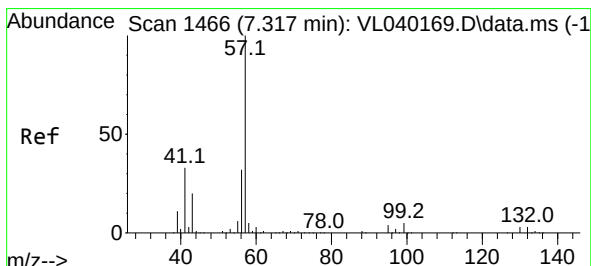
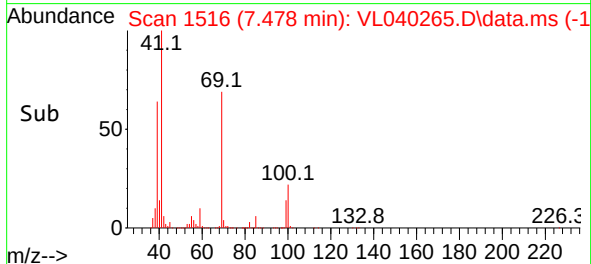
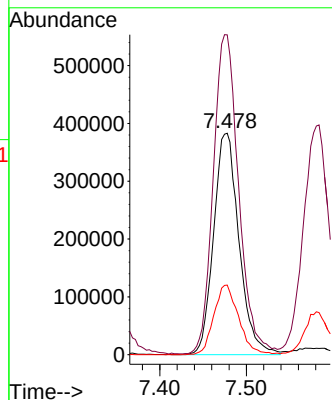
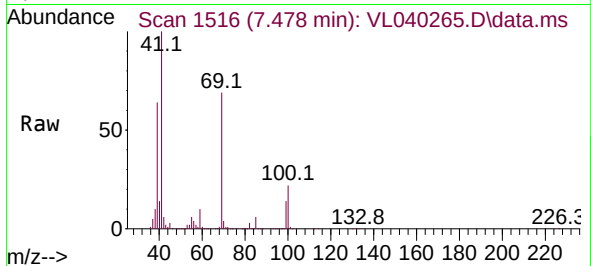
#43
Methyl Methacrylate
Concen: 11.185 ppbv
RT: 7.478 min Scan# 1513
Delta R.T. -0.010 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 780022
Ion Ratio Lower Upper
69 100
41 145.0 116.6 174.8
100 30.8 25.6 38.4

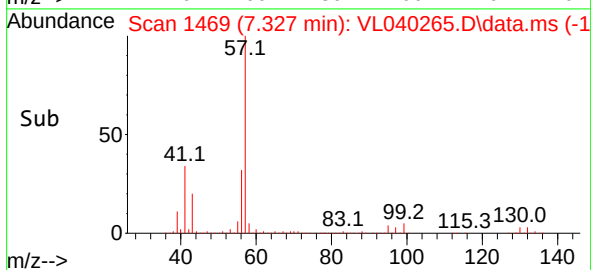
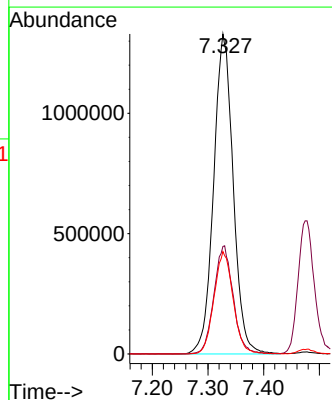
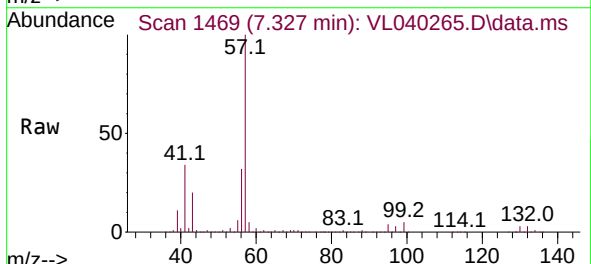
Manual Integrations
APPROVED

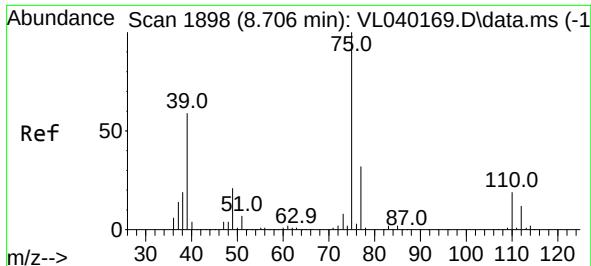
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#44
2,2,4-Trimethylpentane
Concen: 10.308 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Tgt Ion: 57 Resp: 3242933
Ion Ratio Lower Upper
57 100
41 33.2 26.2 39.4
56 31.3 24.9 37.3





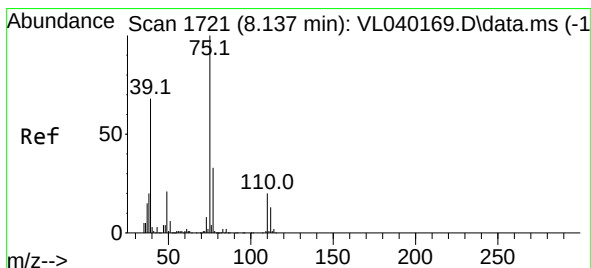
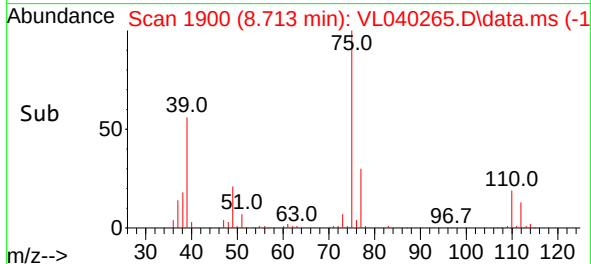
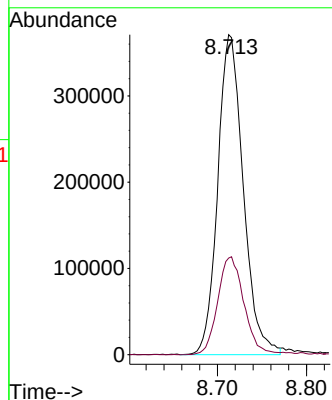
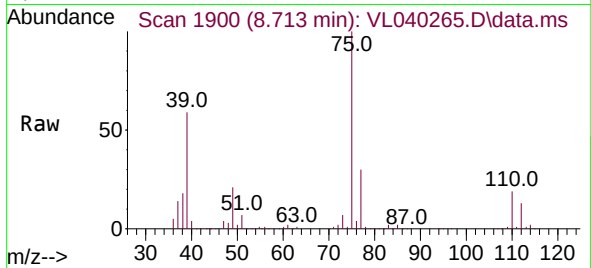
#45
 t-1,3-Dichloropropene
 Concen: 11.940 ppbv
 RT: 8.713 min Scan# 1898
 Delta R.T. -0.016 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 738649
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.7 38.5

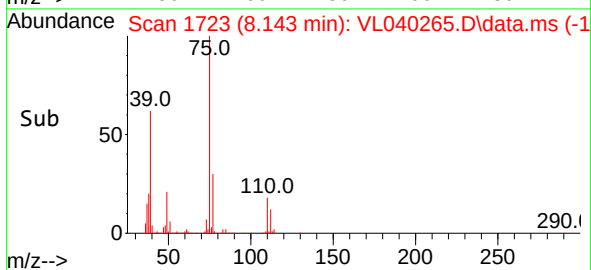
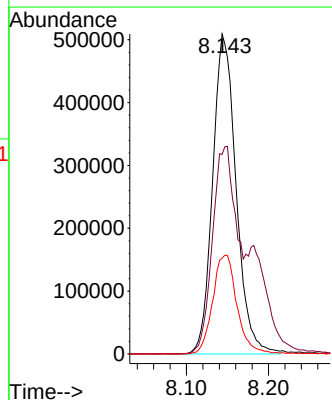
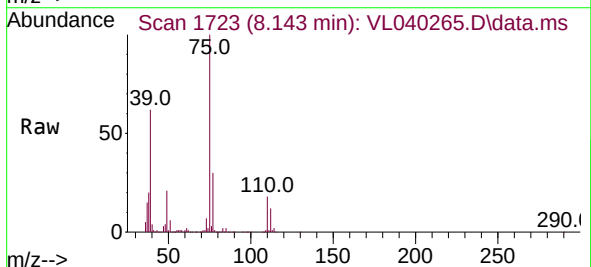
Manual Integrations
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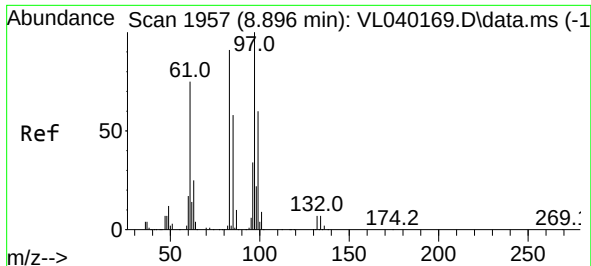
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#46
 cis-1,3-Dichloropropene
 Concen: 11.715 ppbv
 RT: 8.143 min Scan# 1723
 Delta R.T. -0.016 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05

Tgt Ion: 75 Resp: 1009676
 Ion Ratio Lower Upper
 75 100
 39 62.2 54.2 81.2
 77 29.9 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 10.030 ppbv

RT: 8.905 min Scan# 1957

Delta R.T. -0.013 min

Lab File: VL040265.D

Acq: 13 Mar 2023 13:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 795360

Ion Ratio Lower Upper

97 100

83 87.1 72.8 109.2

85 56.2 46.6 69.8

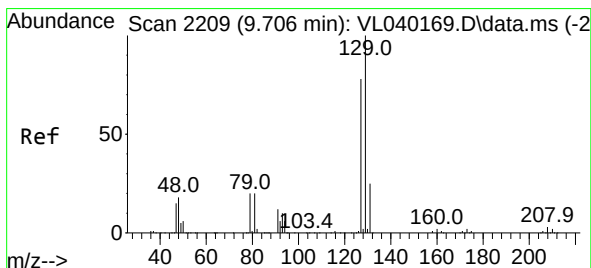
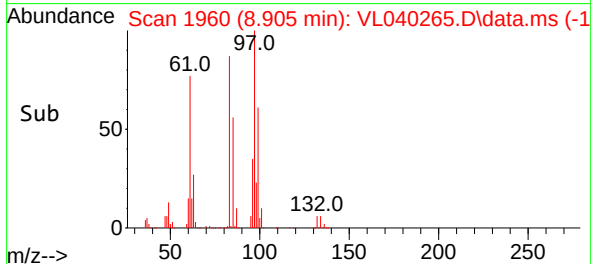
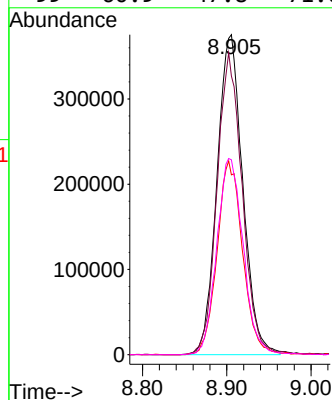
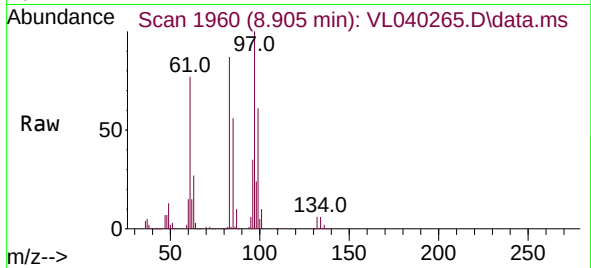
99 60.9 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#48

Dibromochloromethane

Concen: 10.958 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. -0.013 min

Lab File: VL040265.D

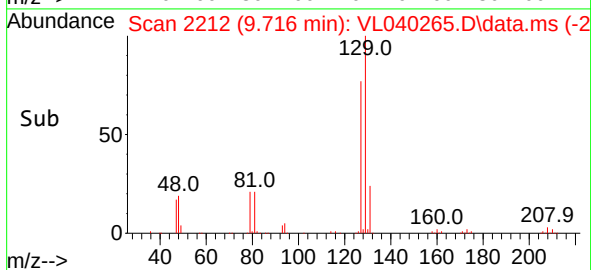
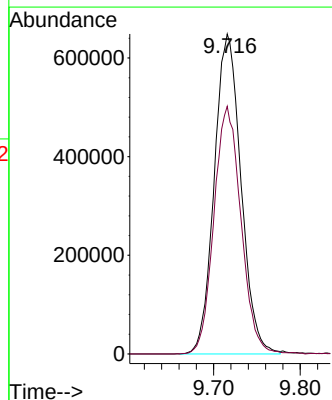
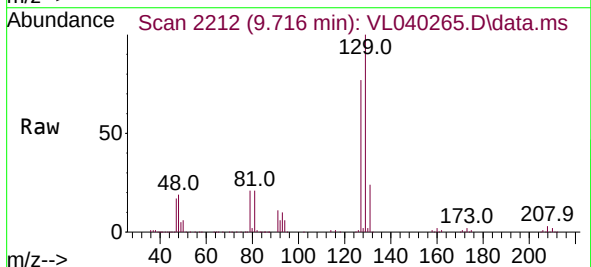
Acq: 13 Mar 2023 13:05

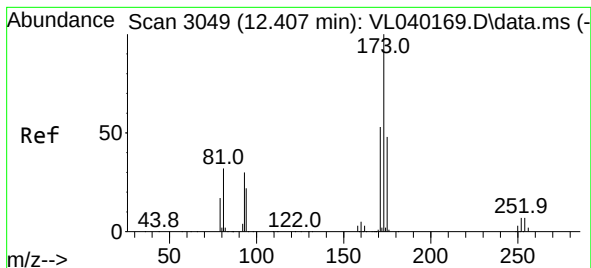
Tgt Ion:129 Resp: 1389853

Ion Ratio Lower Upper

129 100

127 78.4 39.1 117.2





#49

Bromoform

Concen: 10.887 ppbv

RT: 12.417 min Scan# 3049

Delta R.T. -0.013 min

Lab File: VL040265.D

Acq: 13 Mar 2023 13:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1077849

Ion Ratio Lower Upper

173 100

175 49.0 39.4 59.0

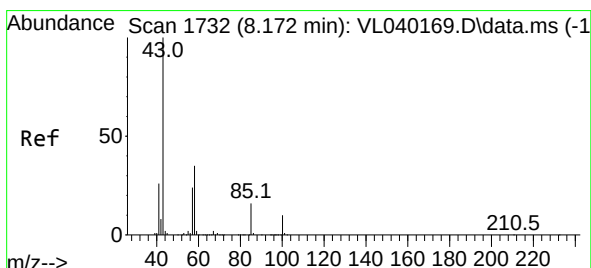
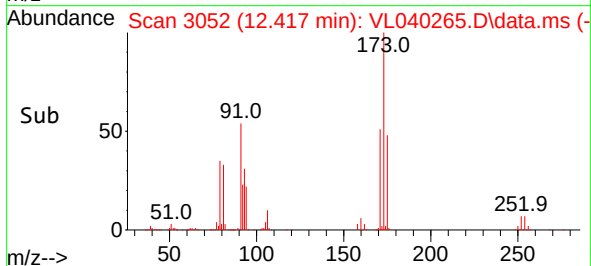
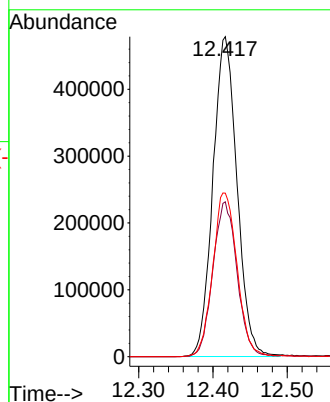
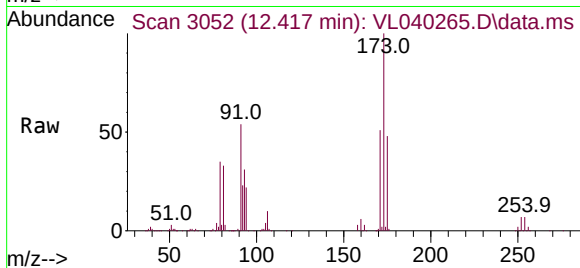
171 52.1 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#50

4-Methyl-2-Pentanone

Concen: 10.915 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. -0.013 min

Lab File: VL040265.D

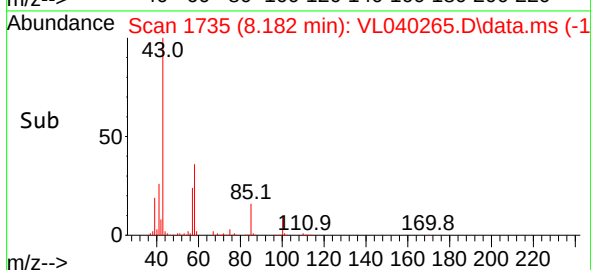
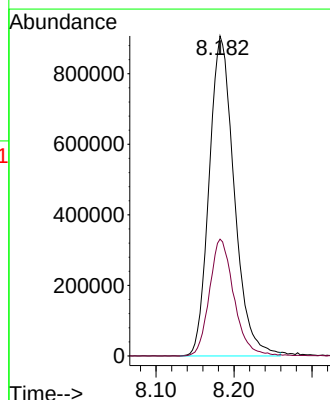
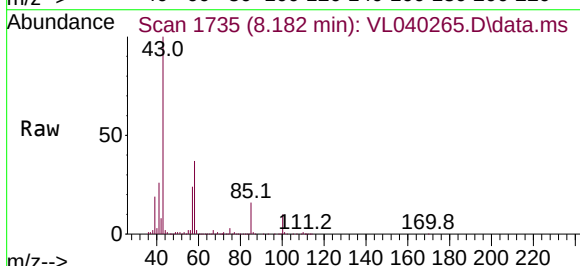
Acq: 13 Mar 2023 13:05

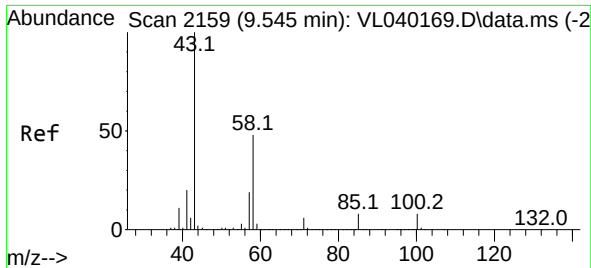
Tgt Ion: 43 Resp: 2024792

Ion Ratio Lower Upper

43 100

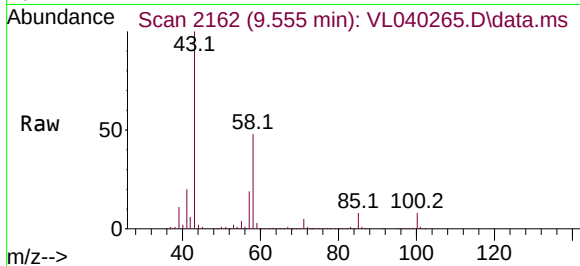
58 35.9 29.2 43.8





#51
2-Hexanone
Concen: 10.919 ppbv
RT: 9.555 min Scan# 2159
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

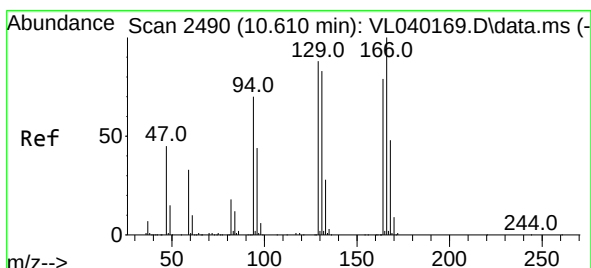
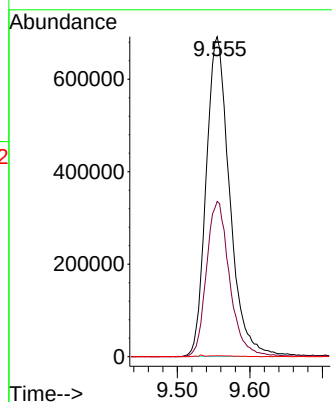
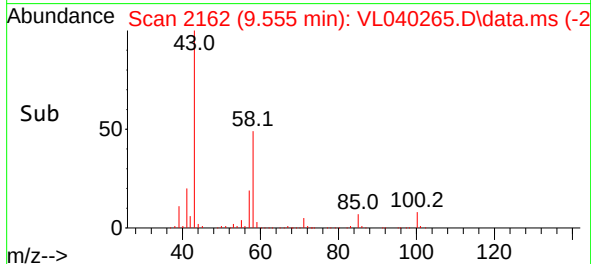
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1557724
Ion Ratio Lower Upper
43 100
58 48.0 39.1 58.7
98 0.5 0.2 0.4

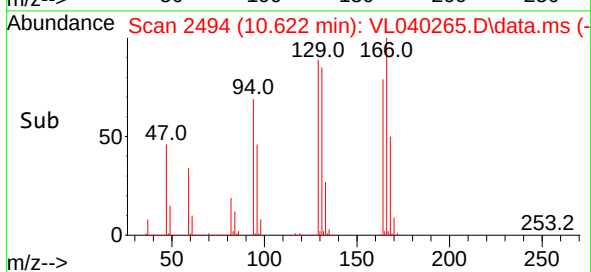
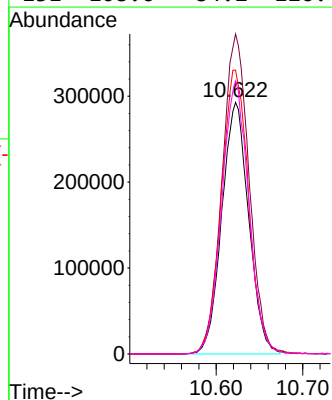
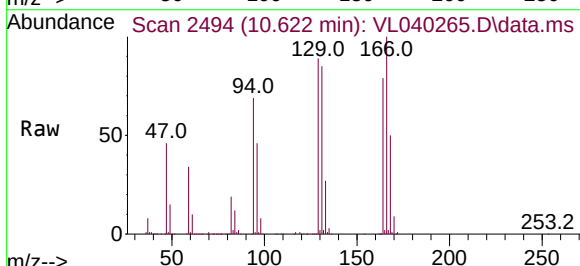
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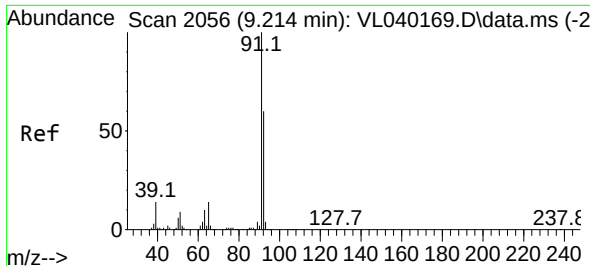
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#52
Tetrachloroethene
Concen: 10.716 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

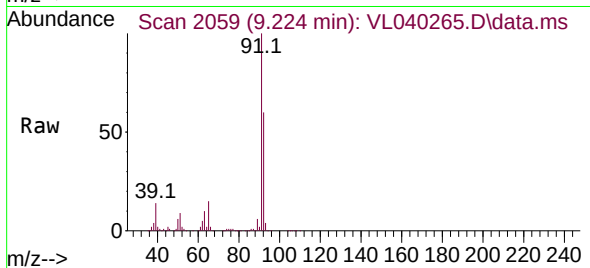
Tgt Ion:164 Resp: 630698
Ion Ratio Lower Upper
164 100
166 127.2 101.5 152.3
129 112.8 89.0 133.4
131 108.6 84.2 126.4





#53
Toluene
Concen: 10.916 ppbv
RT: 9.224 min Scan# 2056
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

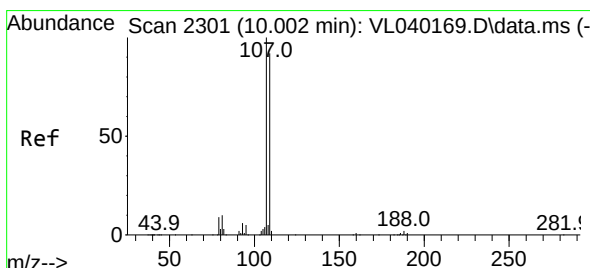
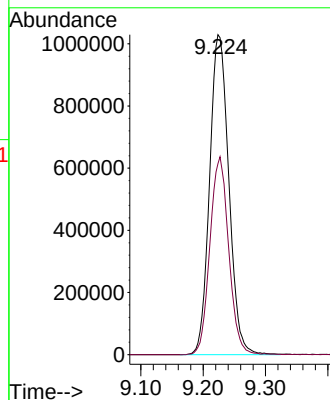
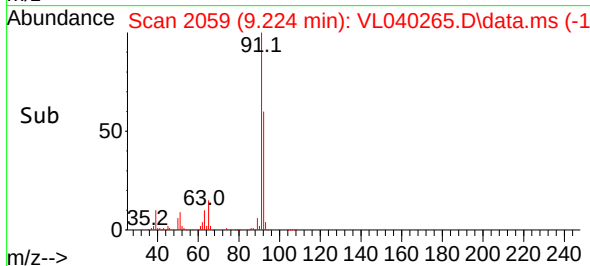
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



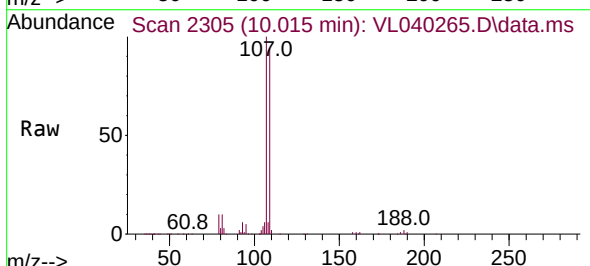
Tgt Ion: 91 Resp: 220351
Ion Ratio Lower Upper
91 100
92 60.5 48.9 73.3

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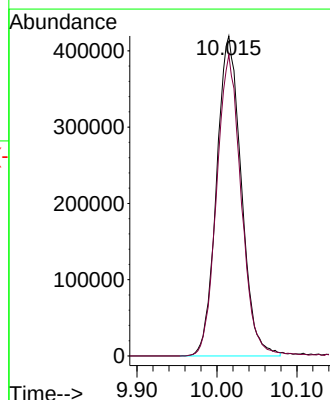
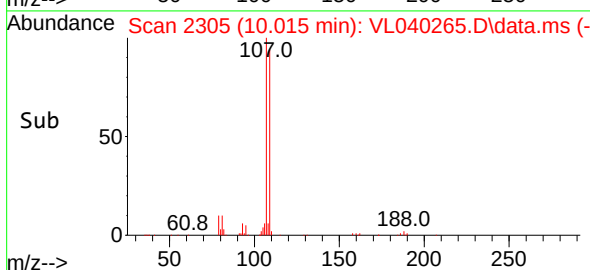
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

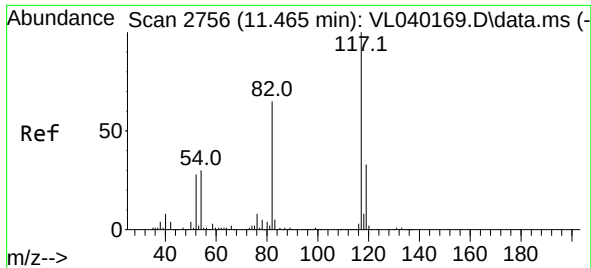


#54
1,2-Dibromoethane
Concen: 10.898 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05



Tgt Ion:107 Resp: 899167
Ion Ratio Lower Upper
107 100
109 94.1 73.8 110.8





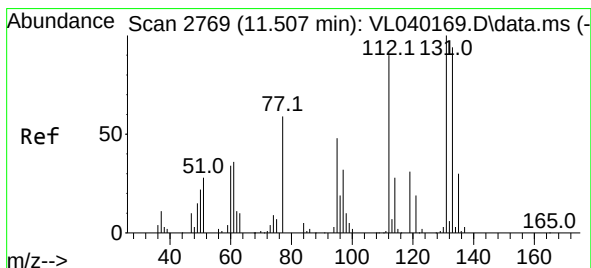
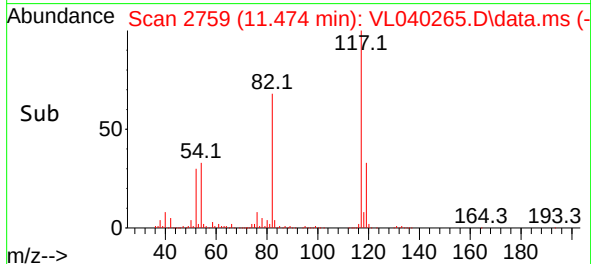
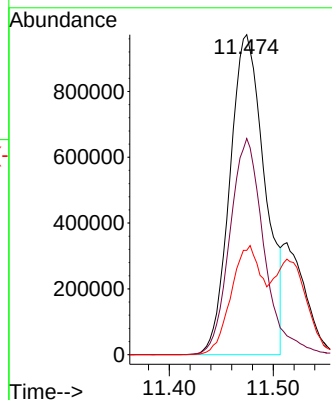
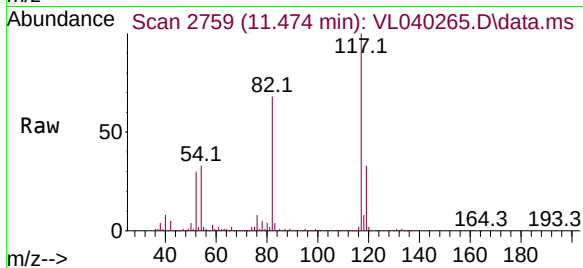
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2756
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2276749
Ion Ratio Lower Upper
117 100
82 66.6 53.3 79.9
119 30.1 24.6 37.0

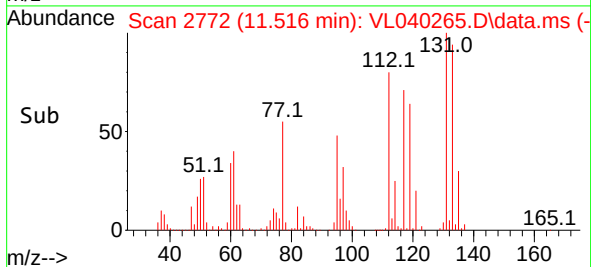
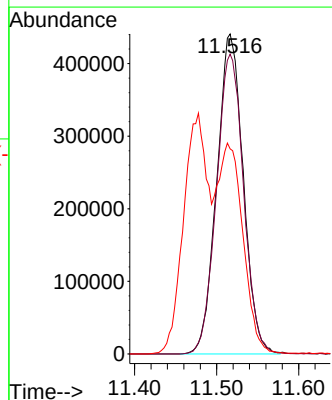
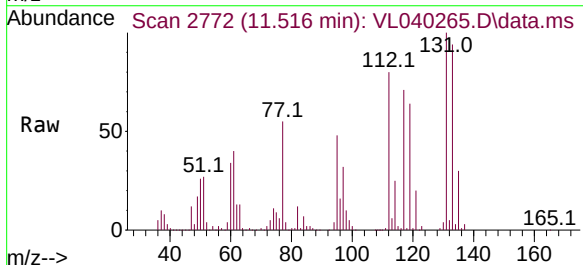
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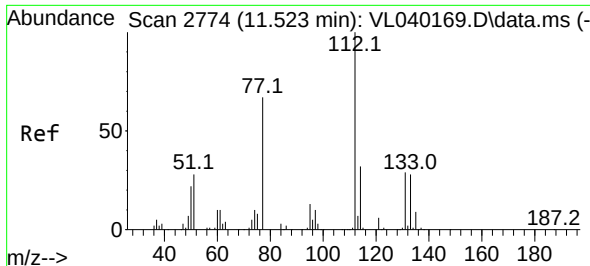
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.339 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Tgt Ion:131 Resp: 988125
Ion Ratio Lower Upper
131 100
133 96.1 76.2 114.2
119 57.0 45.4 68.0





#57

Chlorobenzene

Concen: 10.052 ppbv

RT: 11.532 min Scan# 21

Delta R.T. -0.016 min

Lab File: VL040265.D

Acq: 13 Mar 2023 13:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 167200

Ion Ratio Lower Upper

112 100

77 67.2 55.0 82.4

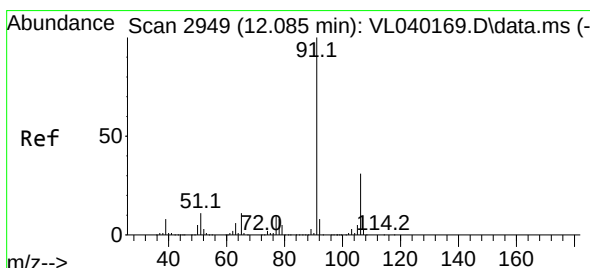
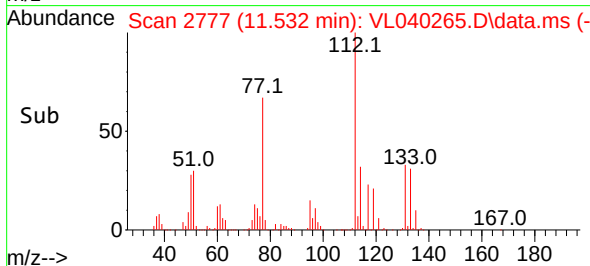
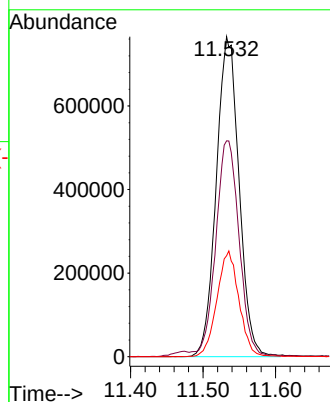
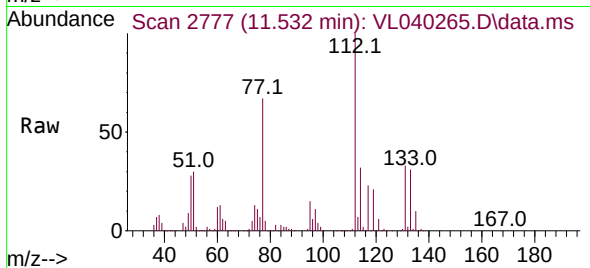
114 31.5 29.0 35.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#58

Ethyl Benzene

Concen: 10.649 ppbv

RT: 12.095 min Scan# 2952

Delta R.T. -0.016 min

Lab File: VL040265.D

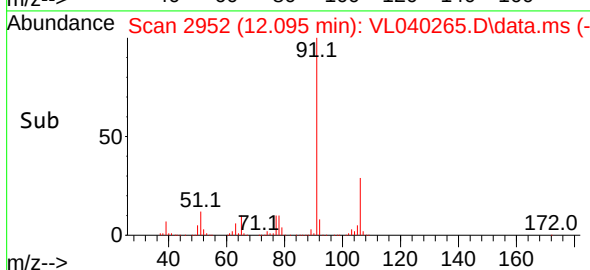
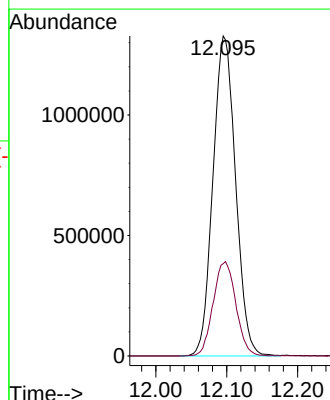
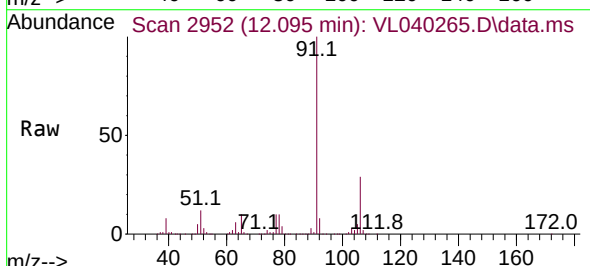
Acq: 13 Mar 2023 13:05

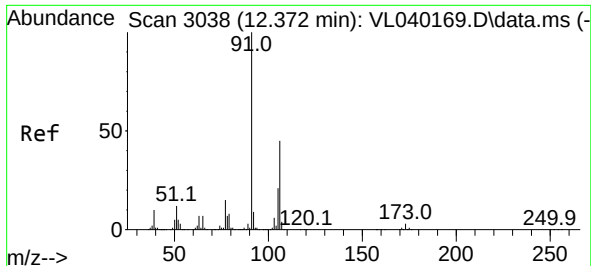
Tgt Ion: 91 Resp: 2945783

Ion Ratio Lower Upper

91 100

106 28.9 24.9 37.3





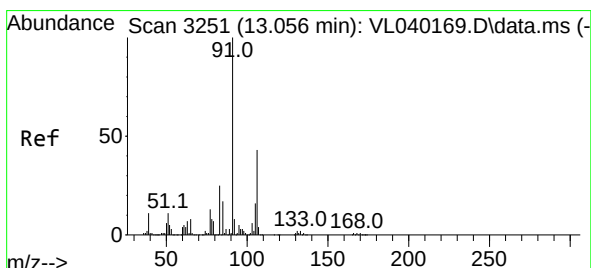
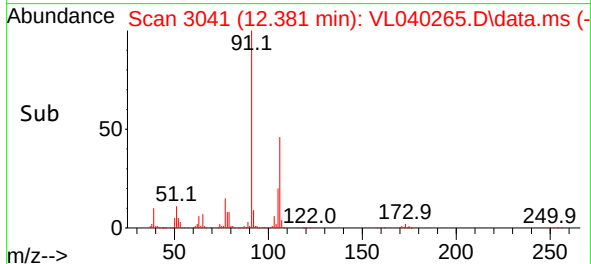
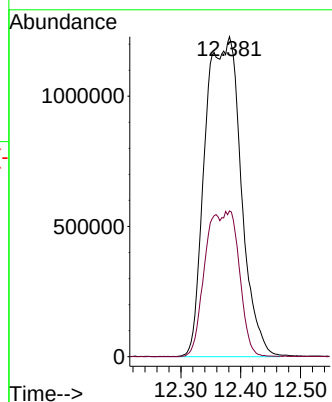
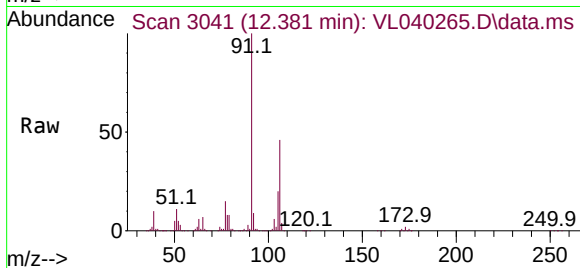
#59
m/p-Xylene
Concen: 20.868 ppbv m
RT: 12.381 min Scan# 3038
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 511288
Ion Ratio Lower Upper
91 100
106 43.2 34.6 51.8

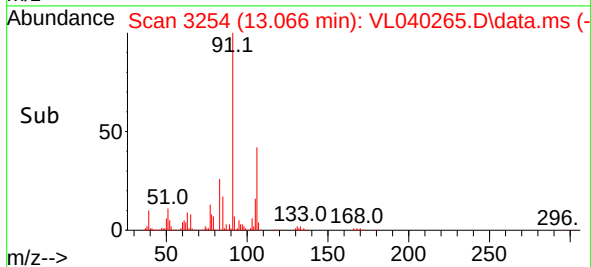
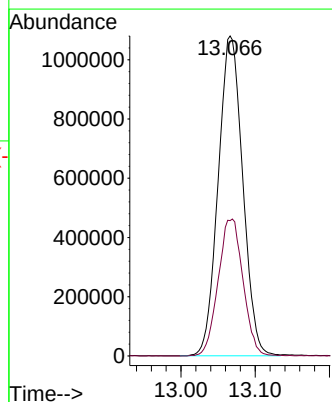
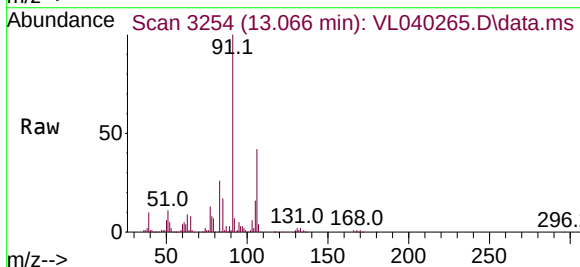
Manual Integrations
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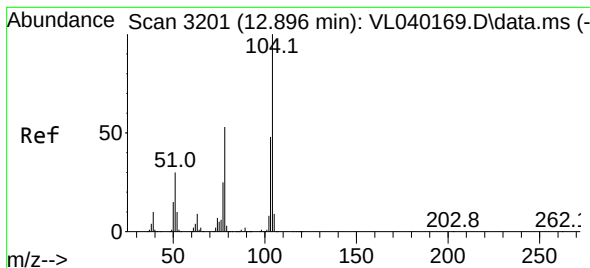
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#60
o-Xylene
Concen: 10.525 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Tgt Ion: 91 Resp: 2481377
Ion Ratio Lower Upper
91 100
106 43.4 21.6 65.0





#61

Styrene

Concen: 11.156 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL040265.D

Acq: 13 Mar 2023 13:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1380760

Ion Ratio Lower Upper

104 100

78 54.1 42.3 63.5

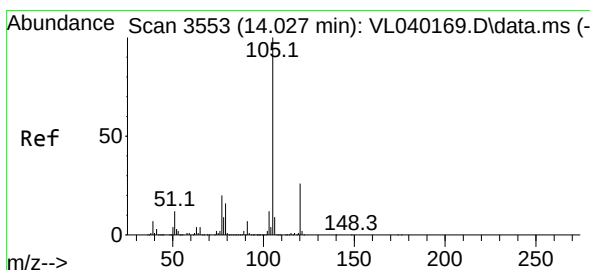
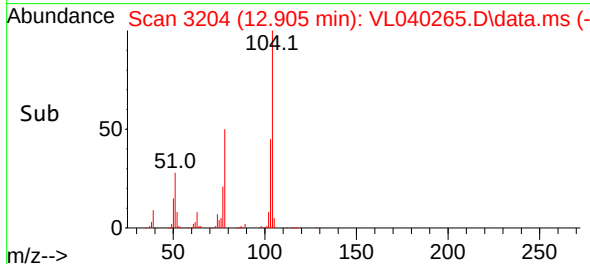
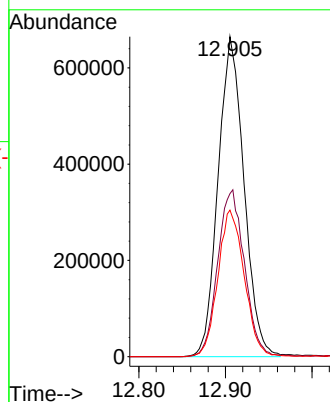
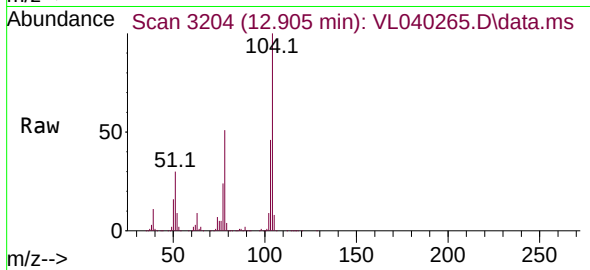
103 46.8 37.5 56.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#62

Isopropylbenzene

Concen: 10.207 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. -0.013 min

Lab File: VL040265.D

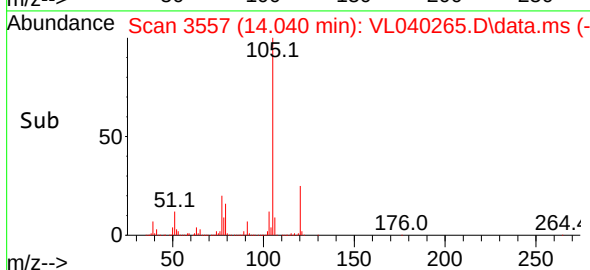
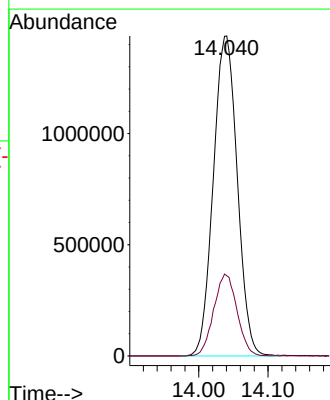
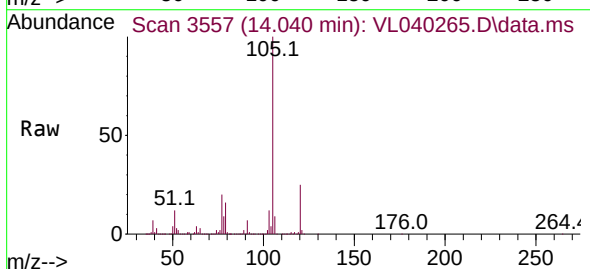
Acq: 13 Mar 2023 13:05

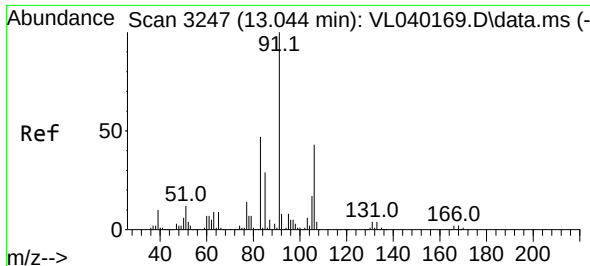
Tgt Ion:105 Resp: 3453880

Ion Ratio Lower Upper

105 100

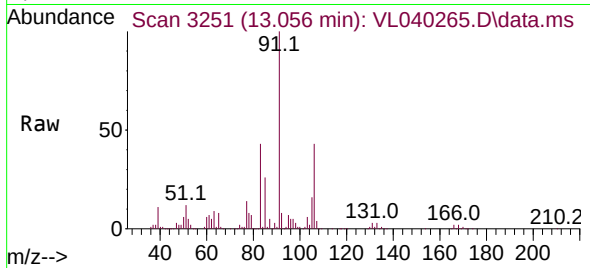
120 24.9 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.619 ppbv
RT: 13.056 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

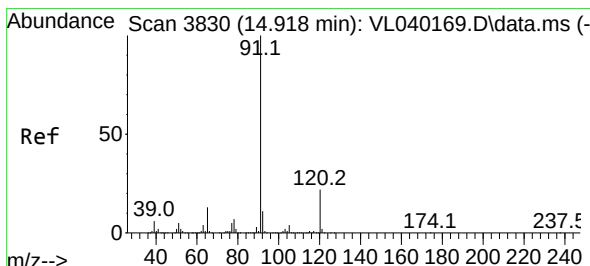
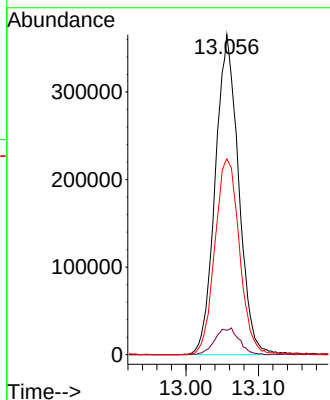
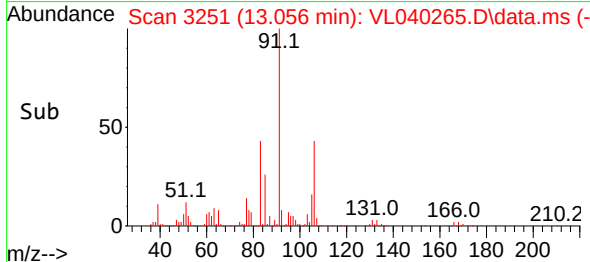
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



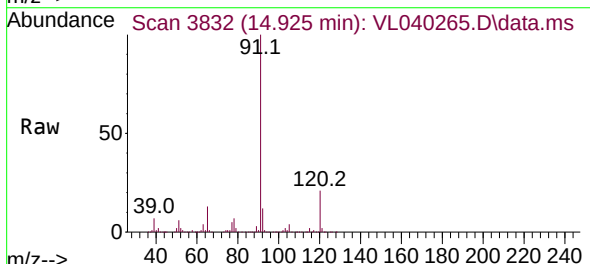
Tgt Ion: 83 Resp: 81723
Ion Ratio Lower Upper
83 100
131 8.7 4.4 13.2
85 64.8 33.0 99.0

Manual Integrations
APPROVED

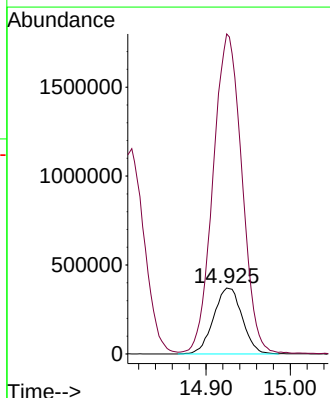
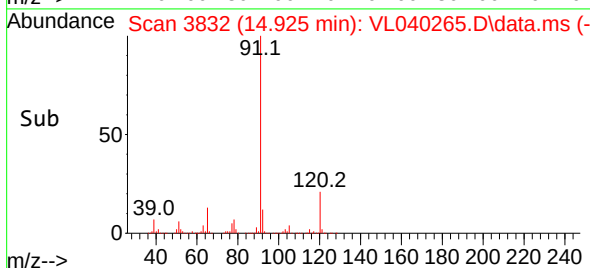
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

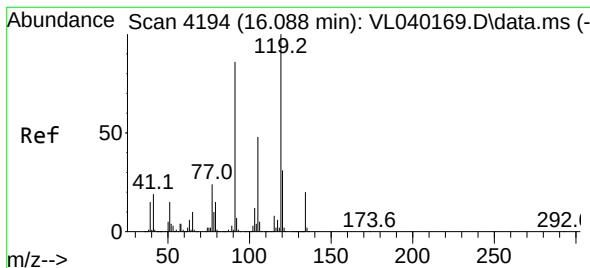


#64
n-propylbenzene
Concen: 10.402 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05



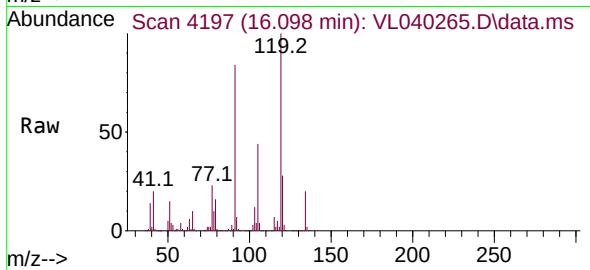
Tgt Ion:120 Resp: 871199
Ion Ratio Lower Upper
120 100
91 493.4 389.8 584.8





#65
tert-Butylbenzene
Concen: 10.172 ppbv
RT: 16.098 min Scan# 4194
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

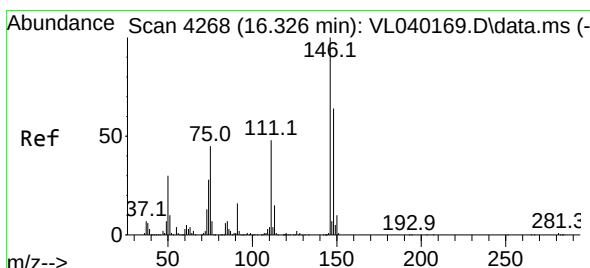
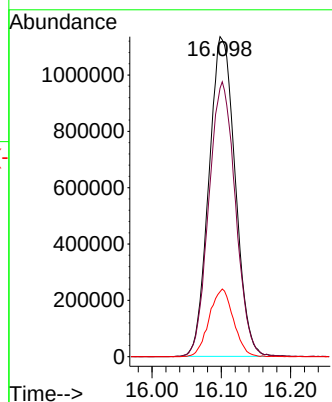
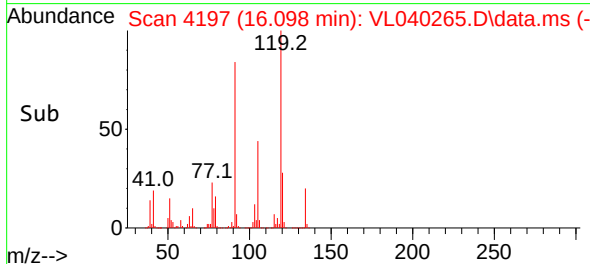
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



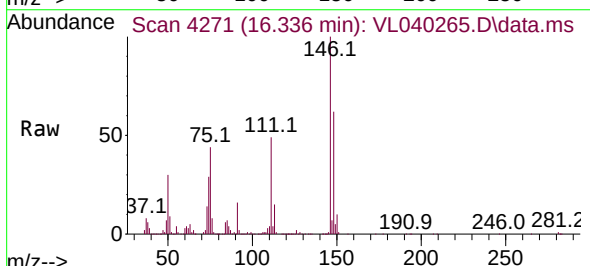
Tgt Ion:119 Resp: 2992030
Ion Ratio Lower Upper
119 100
91 87.2 68.6 102.8
134 19.6 15.9 23.9

Manual Integrations
APPROVED

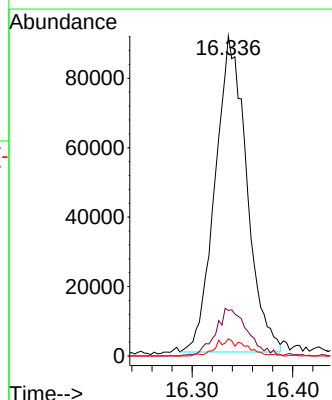
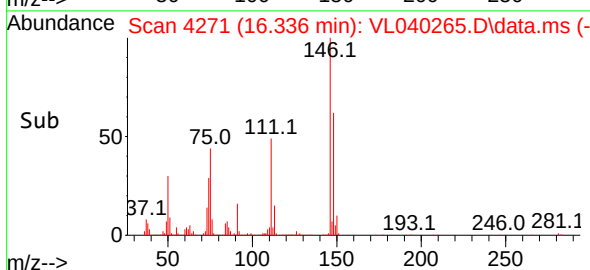
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

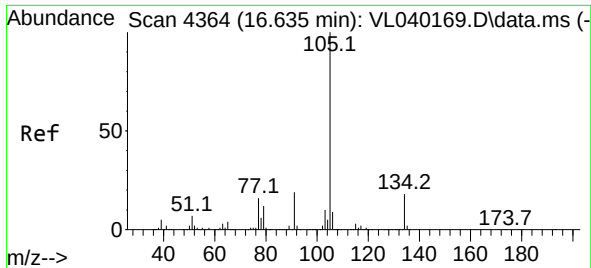


#66
Benzyl Chloride
Concen: 10.147 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05



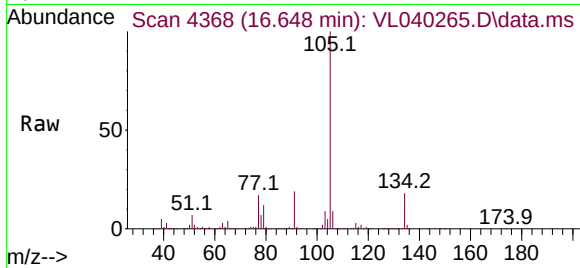
Tgt Ion: 91 Resp: 198626
Ion Ratio Lower Upper
91 100
126 15.6 13.1 19.7
128 5.2 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 10.070 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05

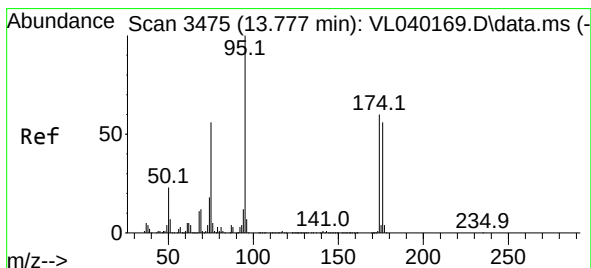
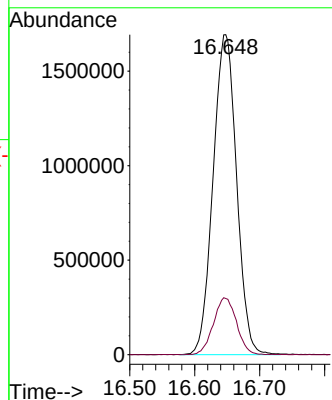
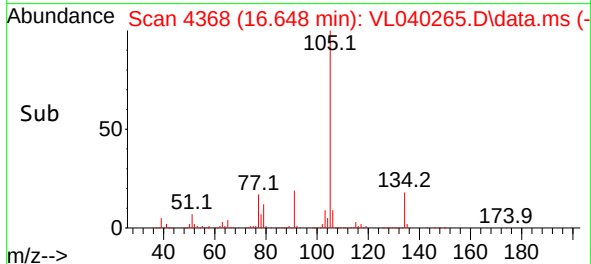
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



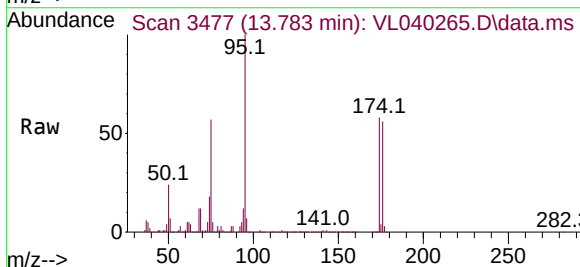
Tgt Ion:105 Resp: 424822
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1

Manual Integrations
 APPROVED

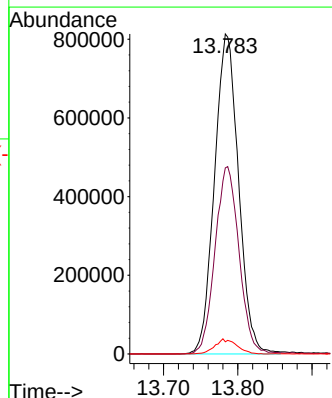
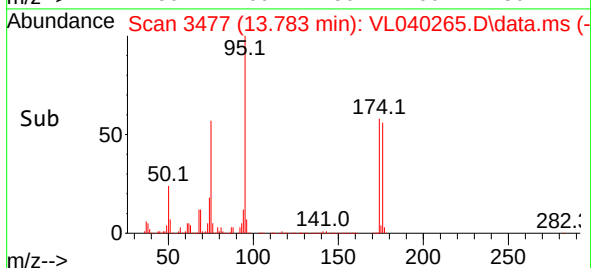
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

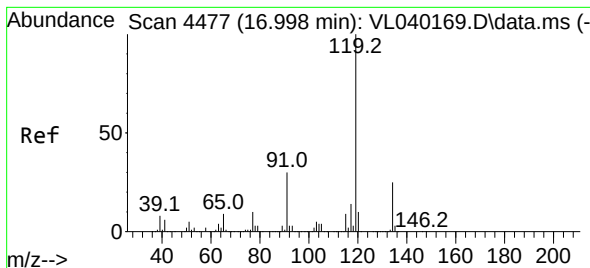


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.772 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.013 min
 Lab File: VL040265.D
 Acq: 13 Mar 2023 13:05



Tgt Ion: 95 Resp: 1829439
 Ion Ratio Lower Upper
 95 100
 174 58.8 48.2 72.2
 175 4.3 3.4 5.2





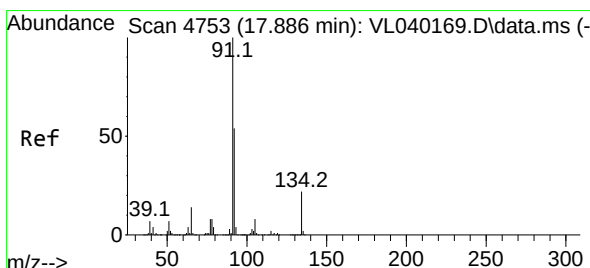
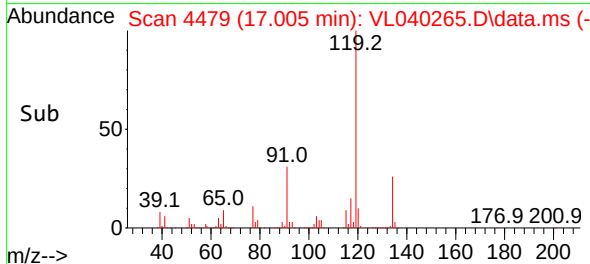
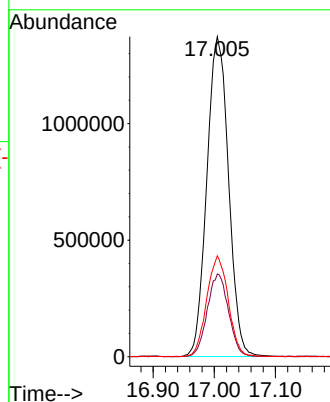
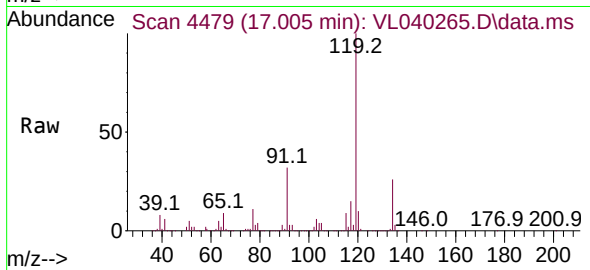
#69
p-Isopropyltoluene
Concen: 10.132 ppbv
RT: 17.005 min Scan# 4477
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 338859
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 31.2 24.7 37.1

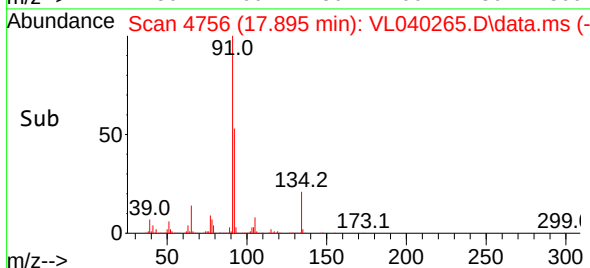
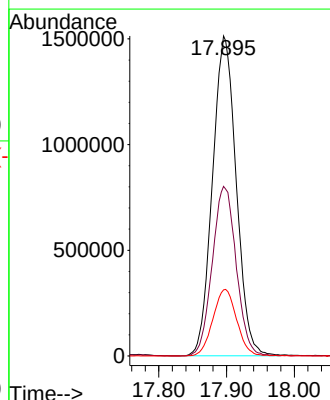
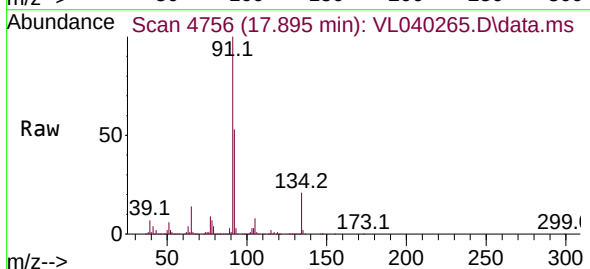
Manual Integrations
APPROVED

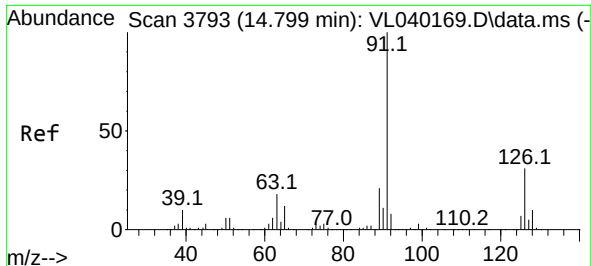
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#70
n-Butylbenzene
Concen: 10.139 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Tgt Ion: 91 Resp: 3680214
Ion Ratio Lower Upper
91 100
92 53.5 43.0 64.6
134 20.9 16.9 25.3





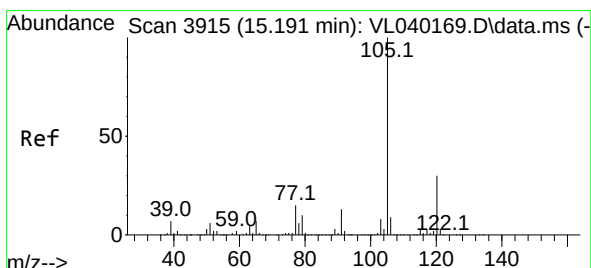
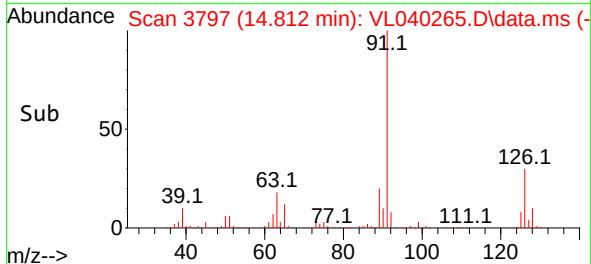
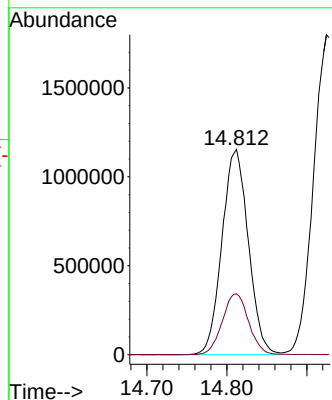
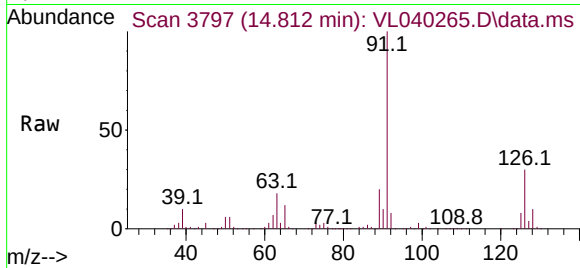
#71
2-Chlorotoluene
Concen: 10.203 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2640588
Ion Ratio Lower Upper
91 100
126 29.7 12.0 48.2

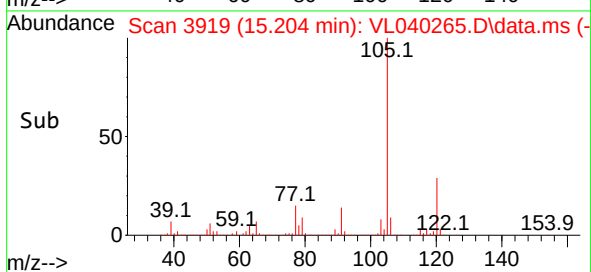
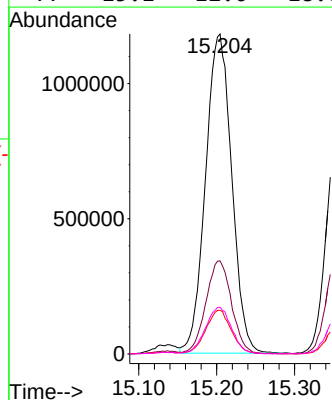
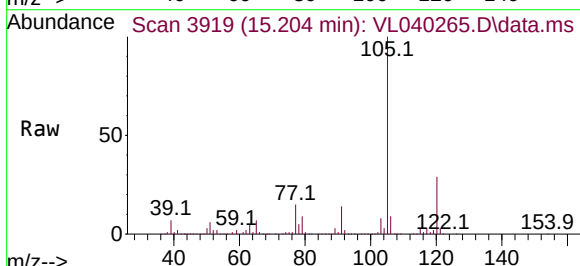
Manual Integrations
APPROVED

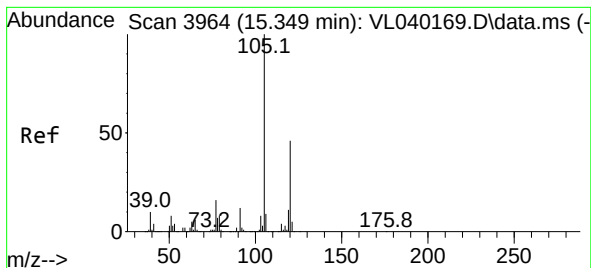
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#72
4-Ethyltoluene
Concen: 10.586 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Tgt Ion:105 Resp: 2758907
Ion Ratio Lower Upper
105 100
120 29.6 23.2 34.8
91 14.2 11.3 16.9
77 15.1 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 10.177 ppbv

RT: 15.362 min Scan# 3964

Delta R.T. -0.016 min

Lab File: VL040265.D

Acq: 13 Mar 2023 13:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 246802

Ion Ratio Lower Upper

105 100

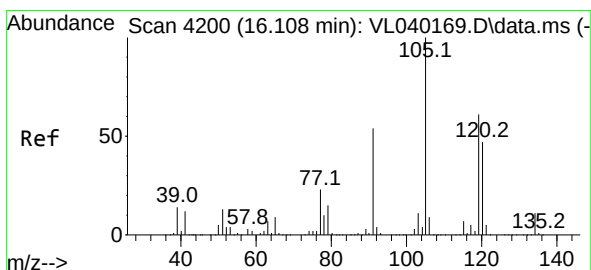
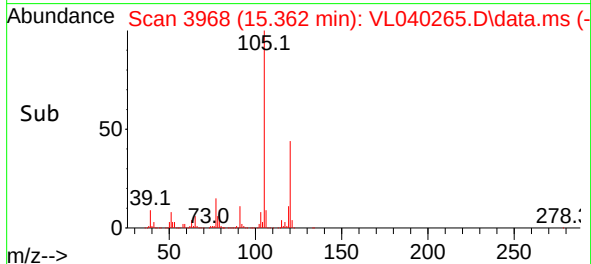
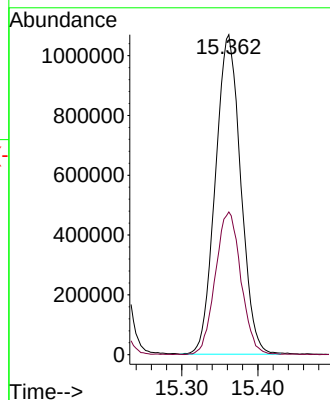
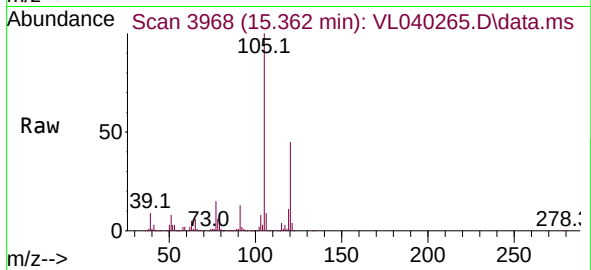
120 44.6 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.982 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. -0.013 min

Lab File: VL040265.D

Acq: 13 Mar 2023 13:05

Tgt Ion:105 Resp: 2658746

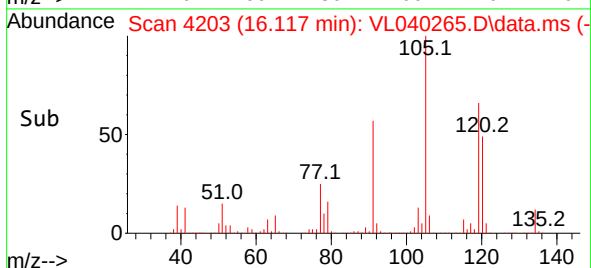
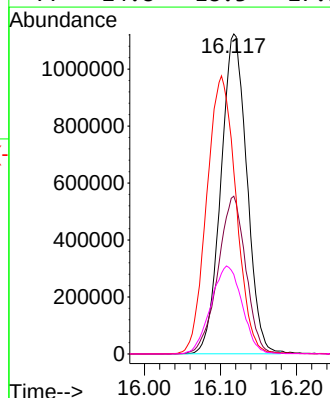
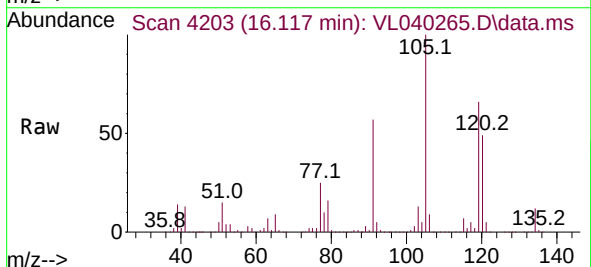
Ion Ratio Lower Upper

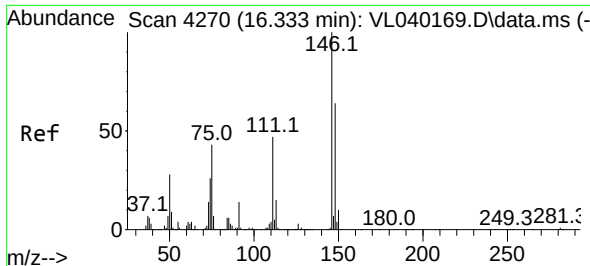
105 100

120 49.2 37.9 56.9

91 56.8 43.7 65.5

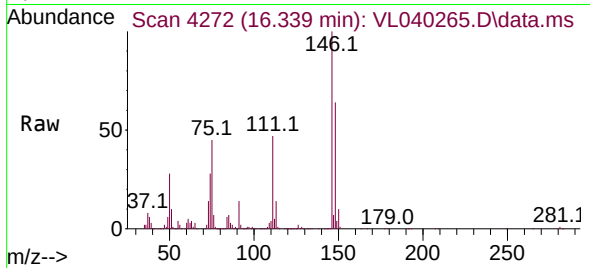
77 24.8 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 9.873 ppbv
RT: 16.339 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

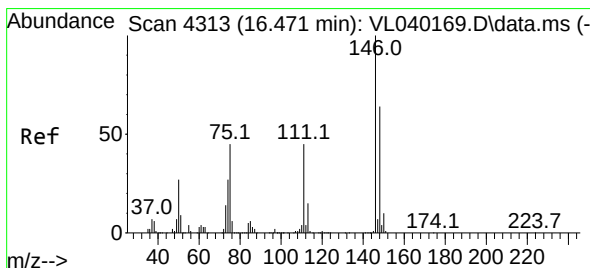
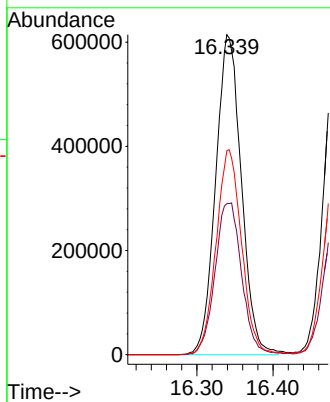
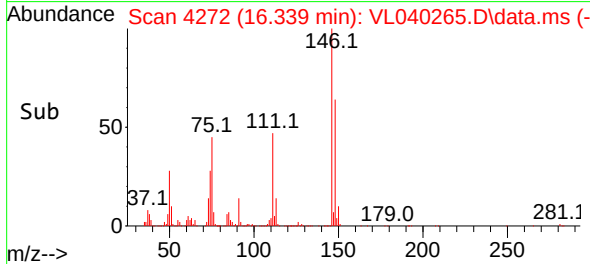
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



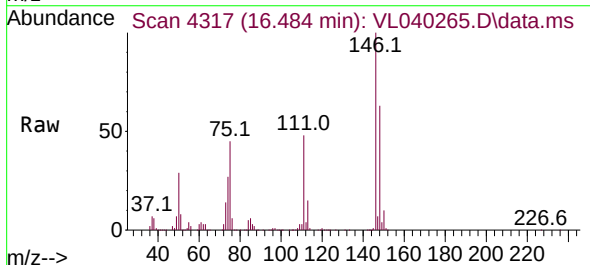
Tgt Ion:146 Resp: 143920
Ion Ratio Lower Upper
146 100
111 49.3 23.9 71.8
148 63.7 32.1 96.5

Manual Integrations
APPROVED

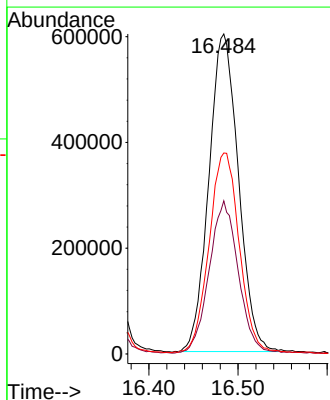
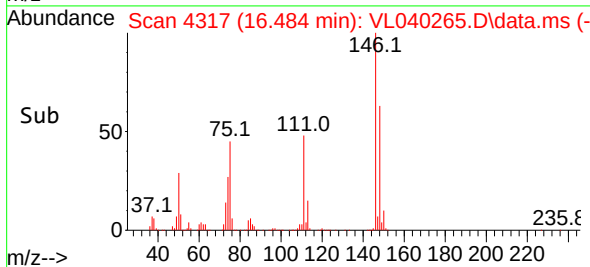
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

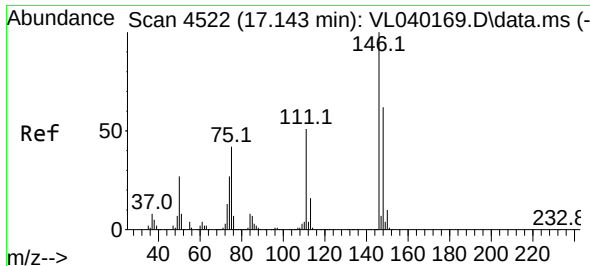


#76
1,4-Dichlorobenzene
Concen: 9.688 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05



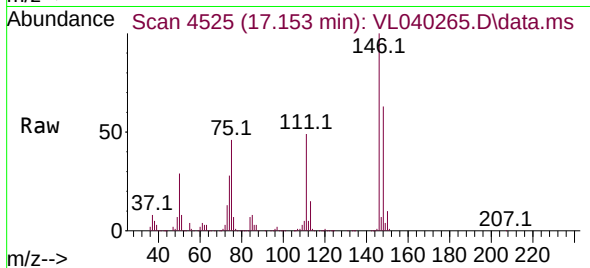
Tgt Ion:146 Resp: 1383890
Ion Ratio Lower Upper
146 100
111 48.3 23.5 70.5
148 65.6 32.5 97.4





#77
1,2-Dichlorobenzene
Concen: 9.453 ppbv
RT: 17.153 min Scan# 4522
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

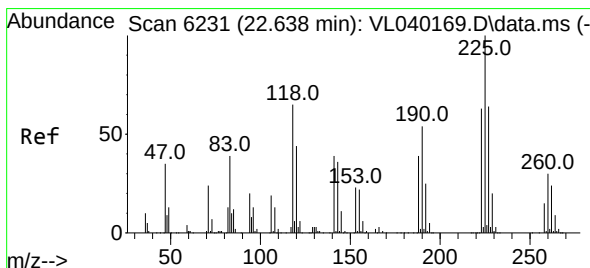
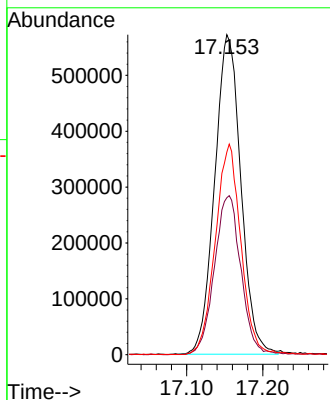
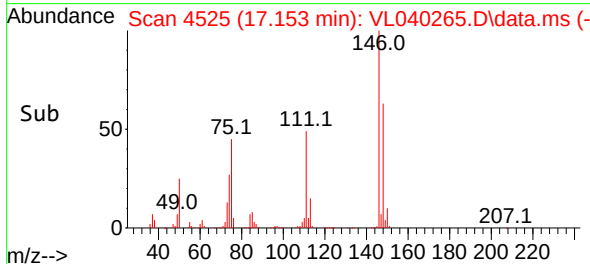
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 136875
Ion Ratio Lower Upper
146 100
111 50.4 25.3 75.8
148 64.4 32.0 96.2

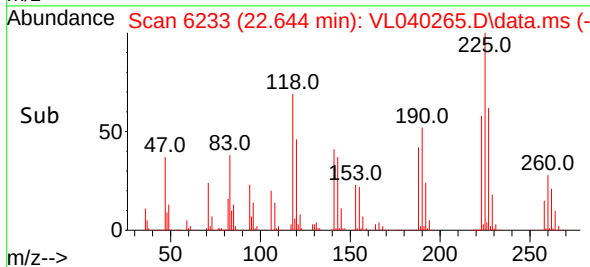
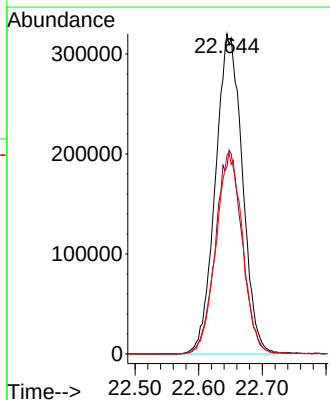
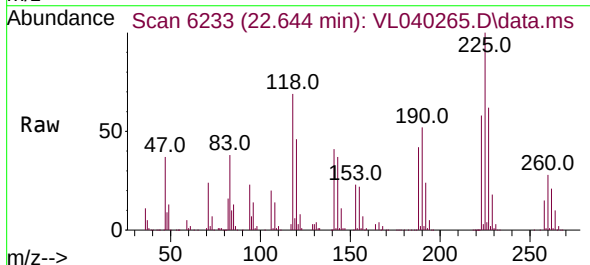
Manual Integrations
APPROVED

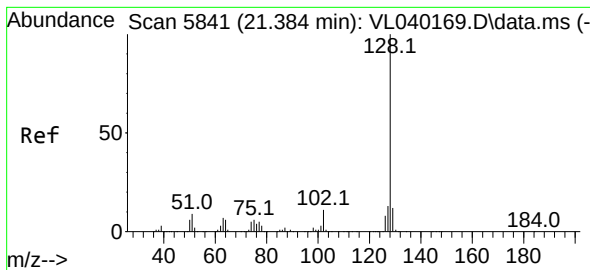
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#78
Hexachloro-1,3-Butadiene
Concen: 9.479 ppbv
RT: 22.644 min Scan# 6233
Delta R.T. -0.016 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

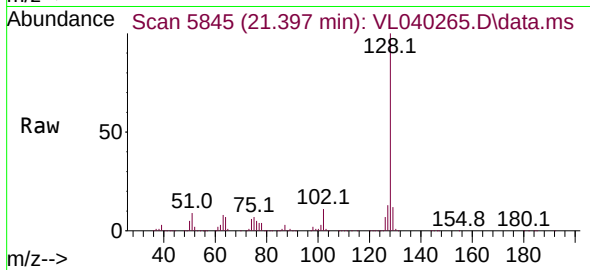
Tgt Ion:225 Resp: 942960
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.6
227 62.6 51.2 76.8





#79
Naphthalene
Concen: 12.565 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

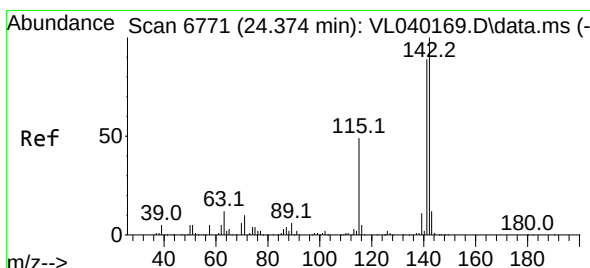
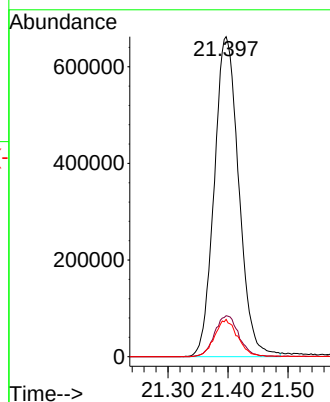
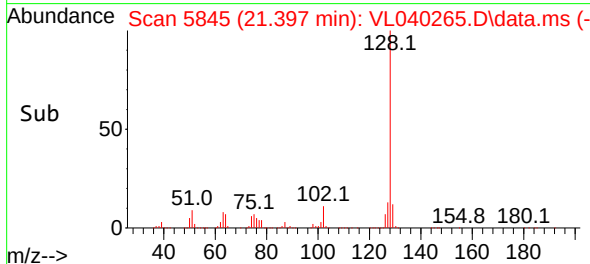
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



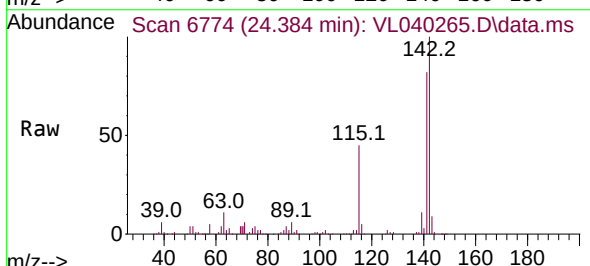
Tgt Ion:128 Resp: 1880248
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.7 9.4 14.0

Manual Integrations
APPROVED

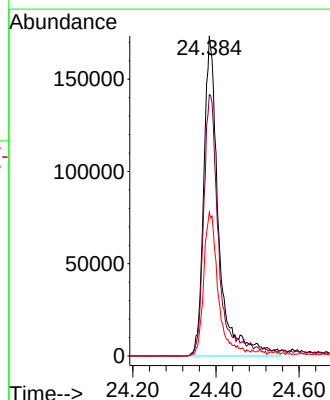
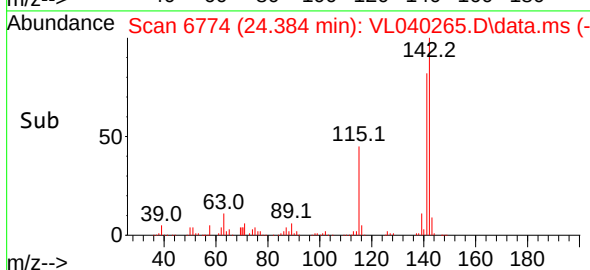
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

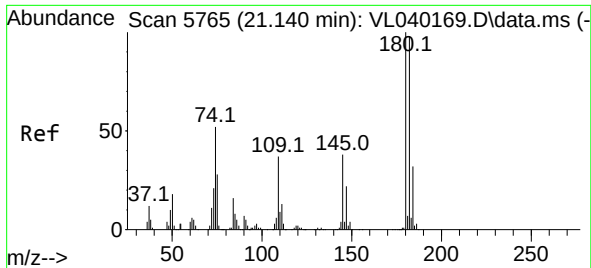


#80
Naphthalene,2-methyl-
Concen: 10.182 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. -0.013 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05



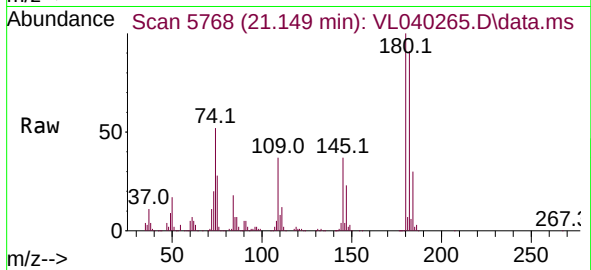
Tgt Ion:142 Resp: 433264
Ion Ratio Lower Upper
142 100
141 83.6 67.3 100.9
115 46.5 36.5 54.7





#81
1,2,4-Trichlorobenzene
Concen: 10.783 ppbv
RT: 21.149 min Scan# 51
Delta R.T. -0.019 min
Lab File: VL040265.D
Acq: 13 Mar 2023 13:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 100973
Ion Ratio Lower Upper
180 100
182 95.6 79.0 118.6
184 30.4 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

