

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
 Data File : VL040167.D
 Acq On : 14 Feb 2023 8:48
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

Quant Time: Feb 14 09:20:46 2023

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

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

QLast Update : Tue Jan 31 05:24:57 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	888344	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2415783	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2401257m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 1718582 8.611 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 86.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.713	85	1102368	7.077	ppbv	100
3) Chlorodifluoromethane	2.658	51	1100856	10.332	ppbv	95
4) Chloromethane	2.796	50	711112	10.798	ppbv	99
5) Vinyl Chloride	2.902	62	618046	11.070	ppbv	96
6) Bromomethane	3.102	94	205332	10.079	ppbv	98
7) Chloroethane	3.179	64	227692	10.670	ppbv	99
8) Dichlorotetrafluoroethane	2.838	85	1451974	9.986	ppbv	98
9) Propene	2.674	41	493890	11.156	ppbv	100
10) Heptane	7.571	43	1207412	11.834	ppbv	99
11) Trichlorofluoromethane	3.545	101	1478995	9.515	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.050	101	1118777	9.573	ppbv	96
13) Ethanol	3.227	45	38964m	9.563	ppbv	
14) Bromoethene	3.349	108	463285	10.679	ppbv	99
15) Acetone	3.449	43	1103374	10.357	ppbv	98
16) 1,3-Butadiene	2.967	39	545055	10.973	ppbv	99
17) tert-Butyl alcohol	3.861	59	1179751	11.891	ppbv	100
18) 1,1-Dichloroethene	3.867	96	506897	9.983	ppbv	98
19) Isopropyl Alcohol	3.555	45	605276	11.611	ppbv #	98
20) Methylene Chloride	3.918	84	445608	9.480	ppbv	98
21) Allyl Chloride	3.980	41	752581	11.001	ppbv	98
22) trans-1,2-Dichloroethene	4.430	96	534283	10.298	ppbv	94
23) Vinyl Acetate	4.610	43	415460	12.030	ppbv	98
24) 1,1-Dichloroethane	4.549	63	1062968	10.164	ppbv	99
25) Ethyl Acetate	5.188	43	2169618	11.559	ppbv	100
26) Hexane	5.198	57	943510	11.487	ppbv	97
27) Carbon Disulfide	4.108	76	1287448	12.099	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	1018329	11.020	ppbv	99
29) Chloroform	5.262	83	1532837	11.672	ppbv	98
30) Cyclohexane	6.594	84	793579	12.153	ppbv	97
31) cis-1,2-Dichloroethene	5.066	61	839984	10.563	ppbv	96
32) 1,1,1-Trichloroethane	5.992	97	1518969	11.380	ppbv	100
34) 2-Butanone	4.771	43	1234109	10.800	ppbv	99
35) Carbon Tetrachloride	6.481	117	1585241	11.606	ppbv	98
36) Benzene	6.359	78	2041991	11.422	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1176593	10.239	ppbv	97
38) Trichloroethene	7.282	130	1192986	11.758	ppbv	98
39) 1,2-Dichloropropane	7.060	63	766686	10.964	ppbv	95
40) 1,4-Dioxane	7.275	88	317026	11.424	ppbv	97
41) Tetrahydrofuran	5.542	42	793622	12.033	ppbv	99
42) Bromodichloromethane	7.243	83	1726223	11.125	ppbv	97
43) Methyl Methacrylate	7.465	69	825123	12.577	ppbv	96
44) 2,2,4-Trimethylpentane	7.317	57	3327768	11.193	ppbv	98
45) t-1,3-Dichloropropene	8.703	75	796727	13.619	ppbv	98

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

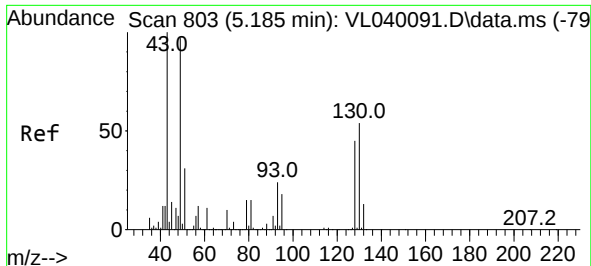
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 31 05:24:57 2023

Response via : Initial Calibration

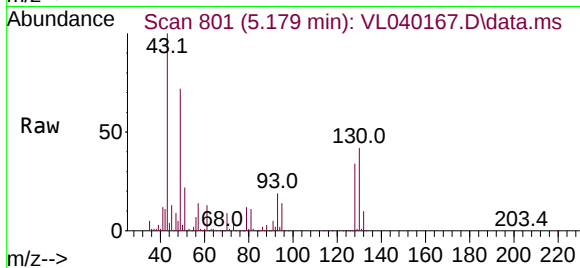
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1068449	13.366	ppbv	93
47) 1,1,2-Trichloroethane	8.893	97	834971	11.341	ppbv	99
48) Dibromochloromethane	9.706	129	1445006	12.212	ppbv	100
49) Bromoform	12.404	173	1139454	12.500	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	2061614	11.470	ppbv	99
51) 2-Hexanone	9.545	43	1628072	11.956	ppbv #	96
52) Tetrachloroethene	10.609	164	697073	11.919	ppbv	97
53) Toluene	9.214	91	2347471	12.311	ppbv	100
54) 1,2-Dibromoethane	10.005	107	967474	12.552	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.503	131	1014298	10.853	ppbv	97
57) Chlorobenzene	11.523	112	1800859	11.002	ppbv	96
58) Ethyl Benzene	12.085	91	3154438	11.772	ppbv	98
59) m/p-Xylene	12.368	91	5373831m	22.304	ppbv	
60) o-Xylene	13.056	91	2534243	11.081	ppbv	98
61) Styrene	12.896	104	1525011	12.797	ppbv	98
62) Isopropylbenzene	14.027	105	3592517	10.921	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.043	83	843095	10.153	ppbv	98
64) n-propylbenzene	14.918	120	930423	11.378	ppbv	95
65) tert-Butylbenzene	16.088	119	3127149	11.104	ppbv	97
66) Benzyl Chloride	16.333	91	249691m	12.973	ppbv	
67) sec-Butylbenzene	16.635	105	4386395	10.986	ppbv	100
69) p-Isopropyltoluene	16.995	119	3566491	11.367	ppbv	99
70) n-Butylbenzene	17.883	91	3791650	11.206	ppbv	100
71) 2-Chlorotoluene	14.799	91	2795202	11.048	ppbv	99
72) 4-Ethyltoluene	15.191	105	2914993	11.486	ppbv	97
73) 1,3,5-Trimethylbenzene	15.349	105	2581239	11.297	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	2779363	10.981	ppbv	98
75) 1,3-Dichlorobenzene	16.333	146	1568148	11.155	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	1539474	11.138	ppbv	98
77) 1,2-Dichlorobenzene	17.140	146	1476219	10.981	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	975158	9.903	ppbv	99
79) Naphthalene	21.387	128	2100419	14.486	ppbv	98
80) Naphthalene,2-methyl-	24.377	142	785881	16.085	ppbv	98
81) 1,2,4-Trichlorobenzene	21.143	180	1087253	12.166	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

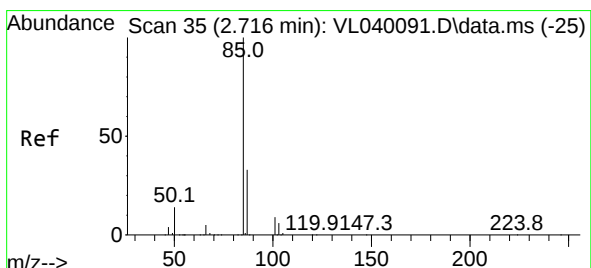
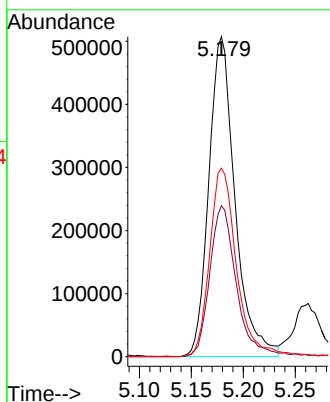
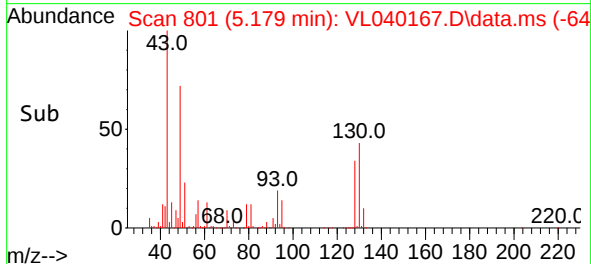
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 88834
Ion Ratio Lower Upper
49 100
128 48.9 23.6 71.0
130 61.7 29.8 89.3

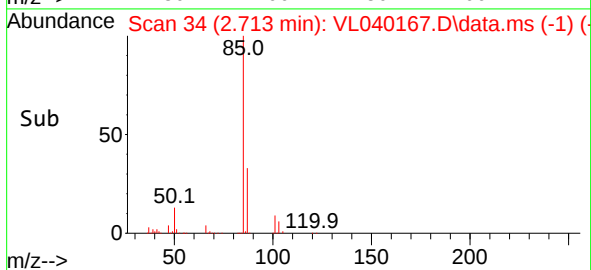
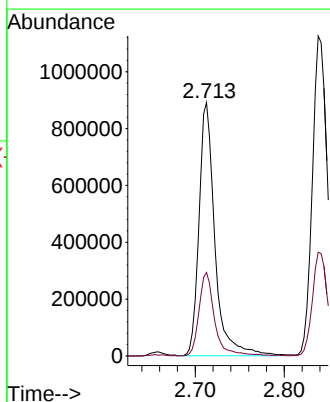
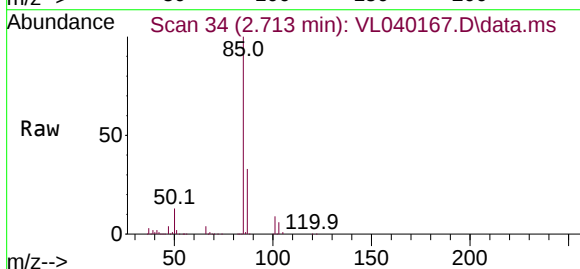
Manual Integrations
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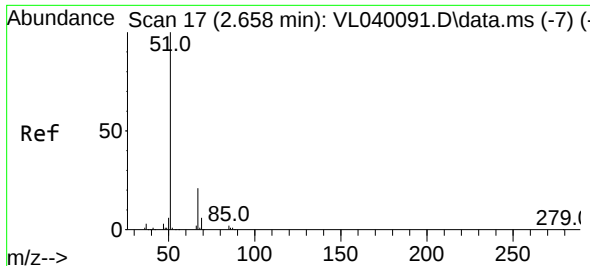
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#2
Dichlorodifluoromethane
Concen: 7.077 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

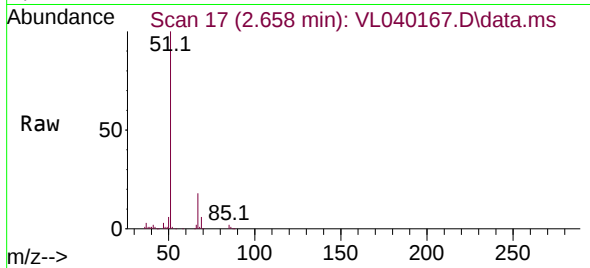
Tgt Ion: 85 Resp: 1102368
Ion Ratio Lower Upper
85 100
87 32.9 26.5 39.7





#3
Chlorodifluoromethane
Concen: 10.332 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

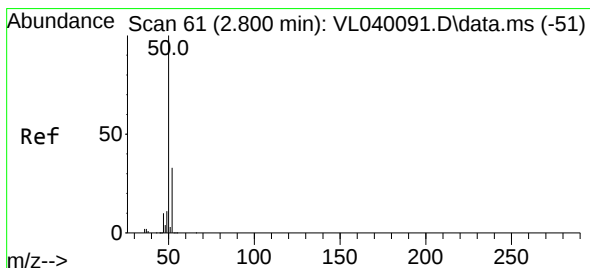
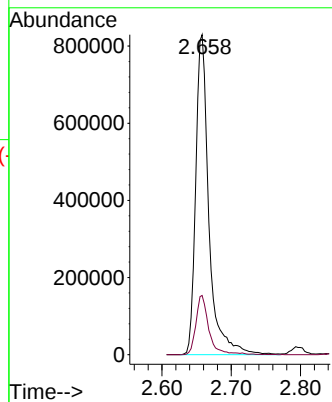
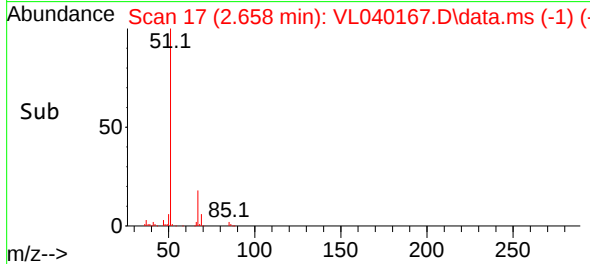
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



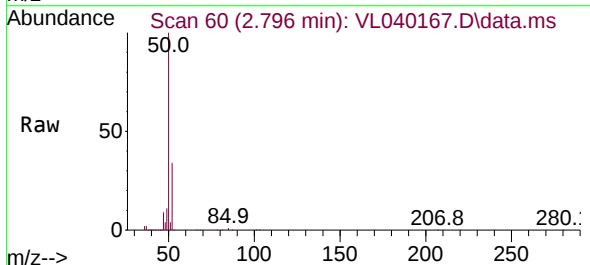
Tgt Ion: 51 Resp: 1100850
Ion Ratio Lower Upper
51 100
67 18.3 16.4 24.6

Manual Integrations
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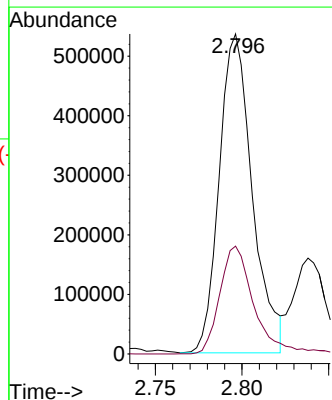
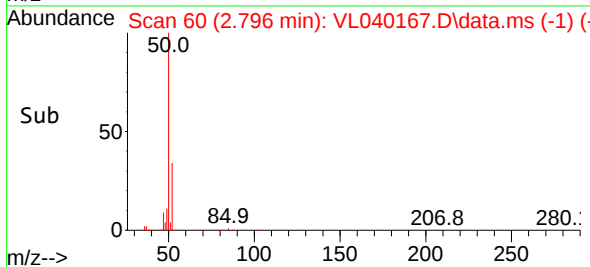
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

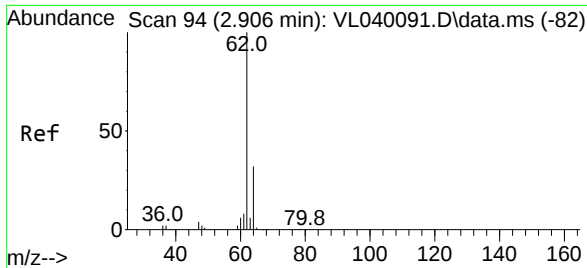


#4
Chloromethane
Concen: 10.798 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48



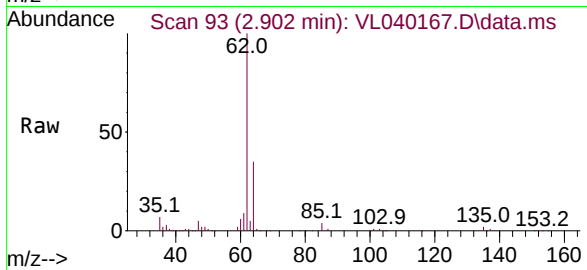
Tgt Ion: 50 Resp: 711112
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7





#5
 Vinyl Chloride
 Concen: 11.070 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VL040167.D
 Acq: 14 Feb 2023 8:48

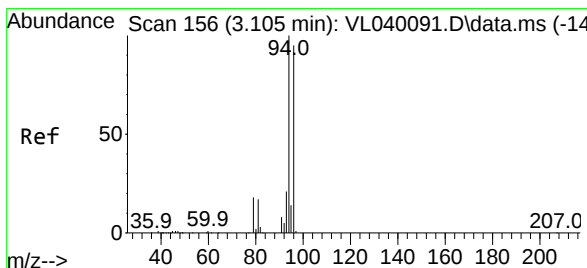
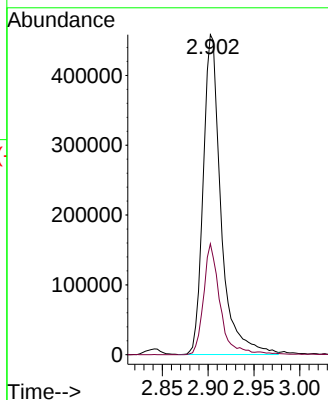
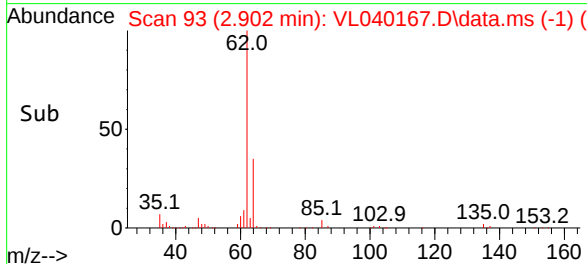
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 618040
 Ion Ratio Lower Upper
 62 100
 64 34.7 25.8 38.6

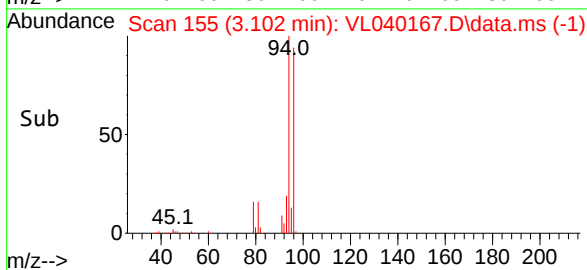
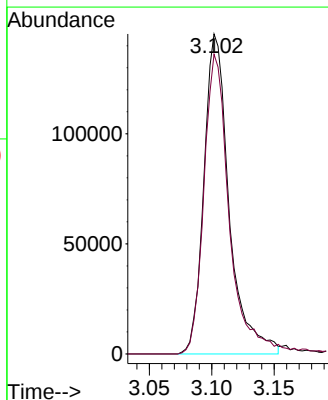
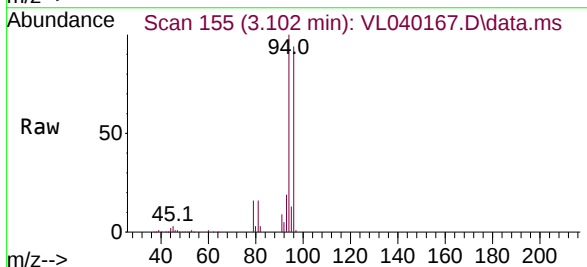
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#6
 Bromomethane
 Concen: 10.079 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.000 min
 Lab File: VL040167.D
 Acq: 14 Feb 2023 8:48

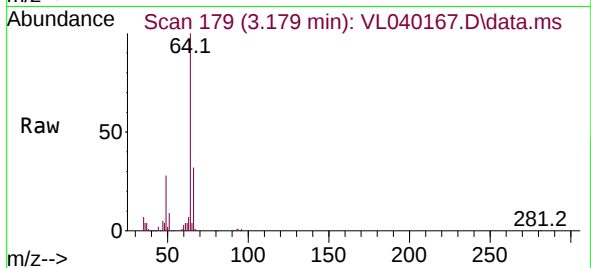
Tgt Ion: 94 Resp: 205332
 Ion Ratio Lower Upper
 94 100
 96 93.7 76.2 114.2





#7
Chloroethane
Concen: 10.670 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

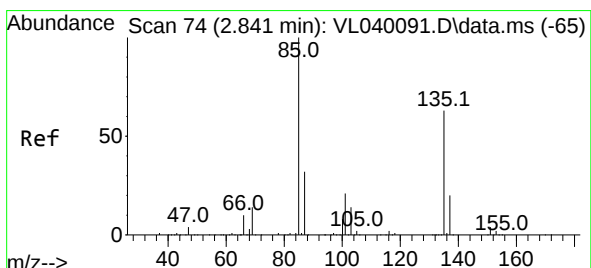
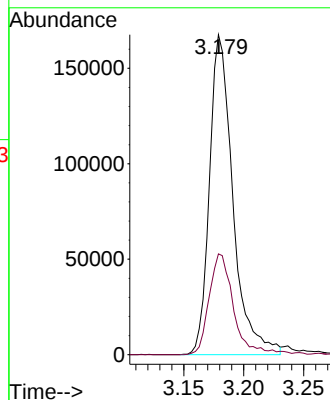
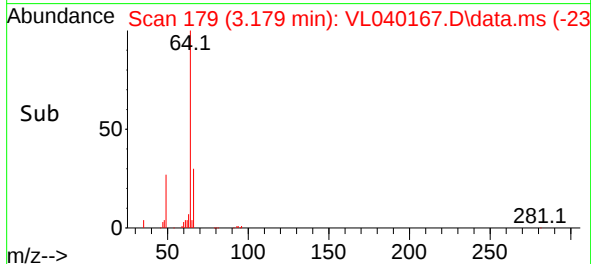
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 227692
Ion Ratio Lower Upper
64 100
66 31.5 25.6 38.4

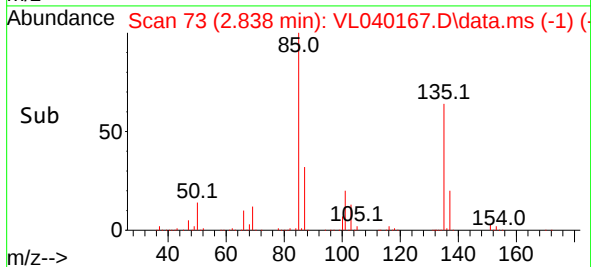
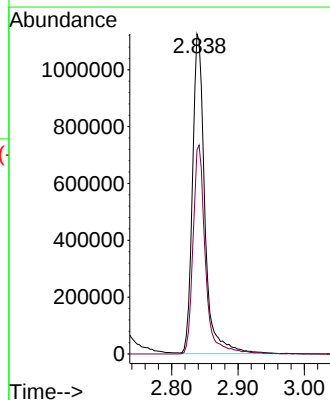
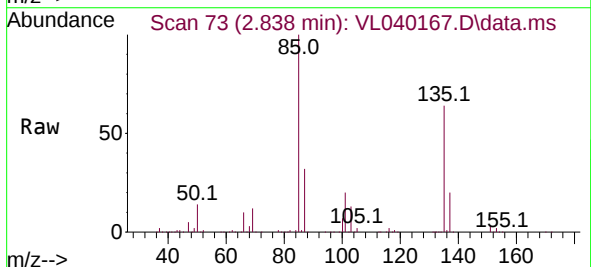
Manual Integrations
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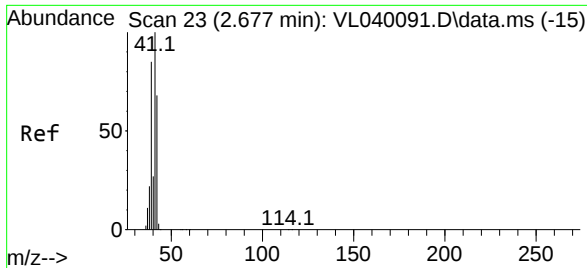
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#8
Dichlorotetrafluoroethane
Concen: 9.986 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

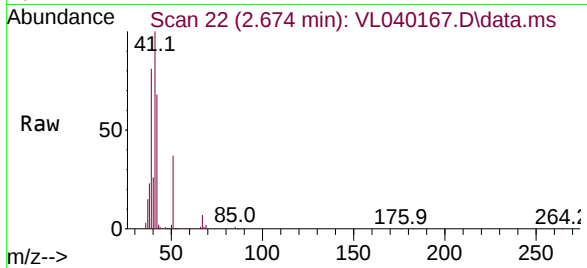
Tgt Ion: 85 Resp: 1451974
Ion Ratio Lower Upper
85 100
135 65.5 51.4 77.2





#9
 Propene
 Concen: 11.156 ppbv
 RT: 2.674 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL040167.D
 Acq: 14 Feb 2023 8:48

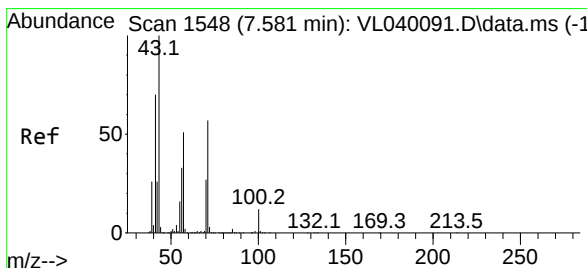
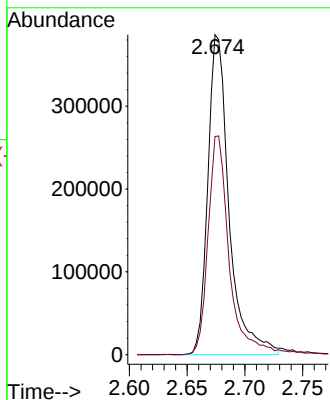
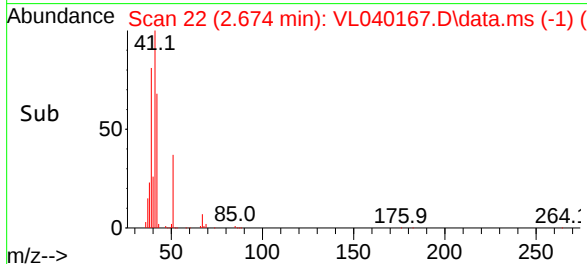
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 493890
 Ion Ratio Lower Upper
 41 100
 42 69.1 55.6 83.4

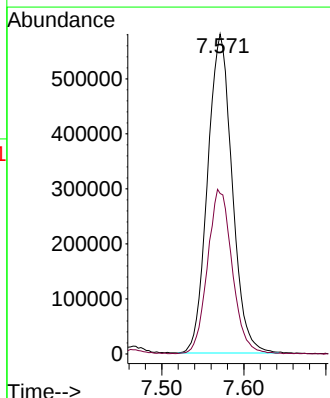
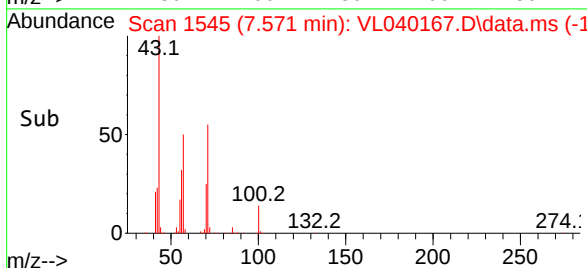
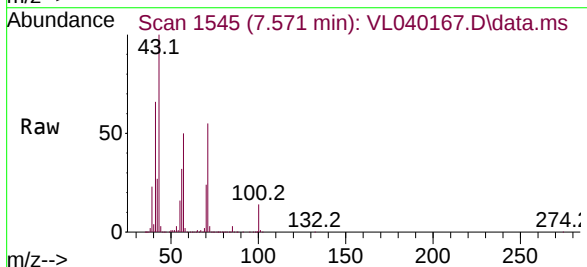
Manual Integrations
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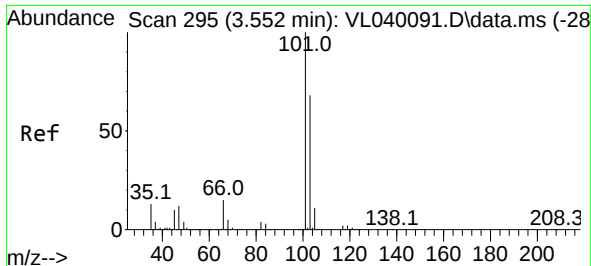
Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#10
 Heptane
 Concen: 11.834 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. 0.003 min
 Lab File: VL040167.D
 Acq: 14 Feb 2023 8:48

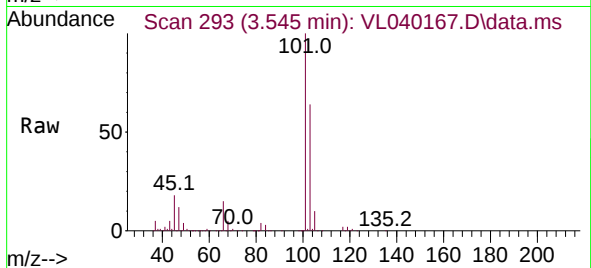
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 Ion Ratio Lower Upper
 43 100
 57 51.9 40.9 61.3





#11
Trichlorofluoromethane
Concen: 9.515 ppbv
RT: 3.545 min Scan# 295
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

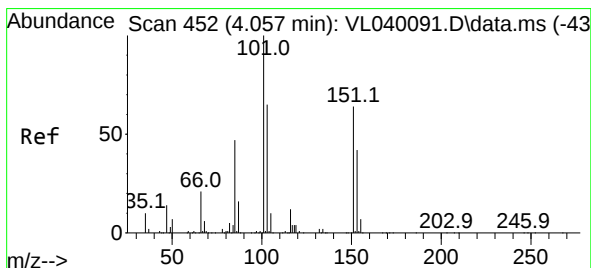
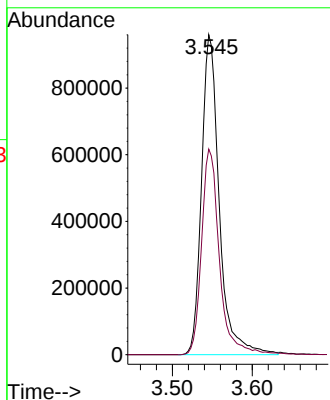
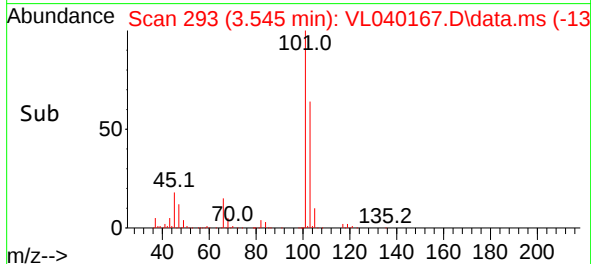
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



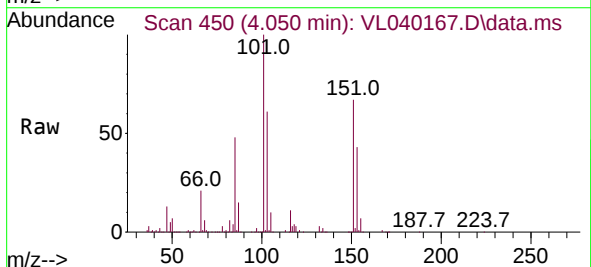
Tgt Ion:101 Resp: 147899
Ion Ratio Lower Upper
101 100
103 64.2 54.0 81.0

Manual Integrations
APPROVED

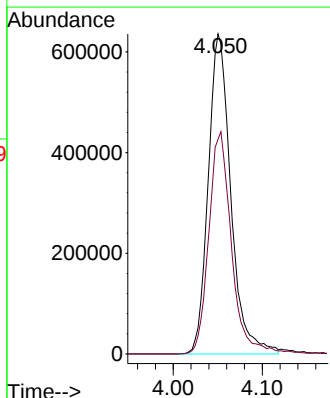
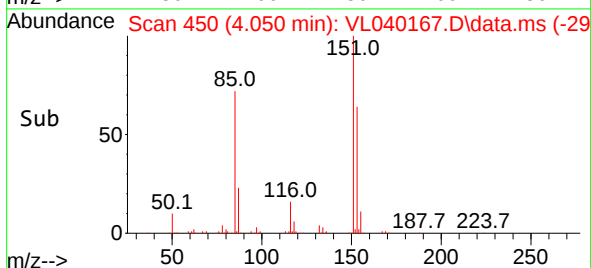
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

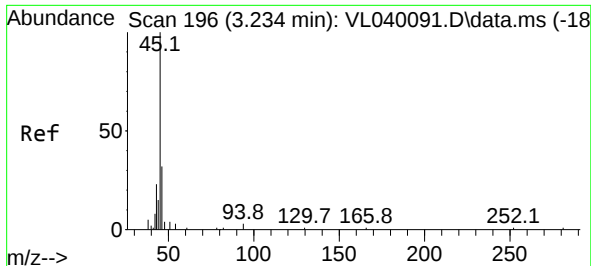


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.573 ppbv
RT: 4.050 min Scan# 450
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48



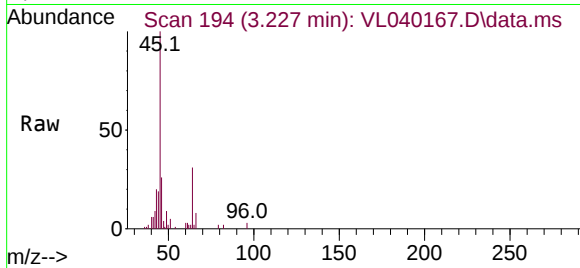
Tgt Ion:101 Resp: 1118777
Ion Ratio Lower Upper
101 100
151 70.1 53.2 79.8





#13
Ethanol
Concen: 9.563 ppbv m
RT: 3.227 min Scan# 196
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

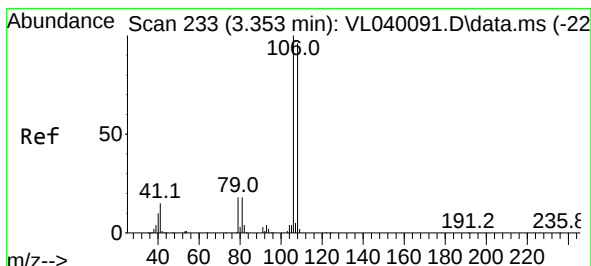
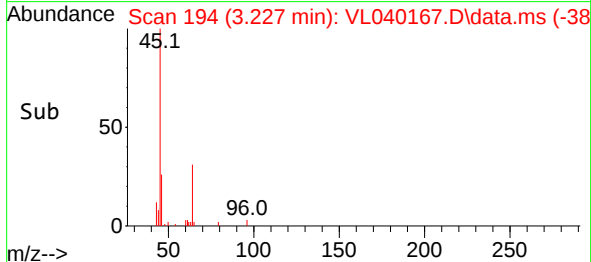
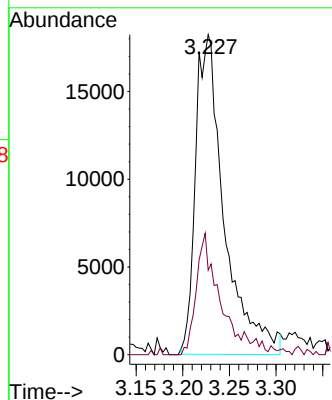
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 38964
Ion Ratio Lower Upper
45 100
46 33.3 14.8 59.2

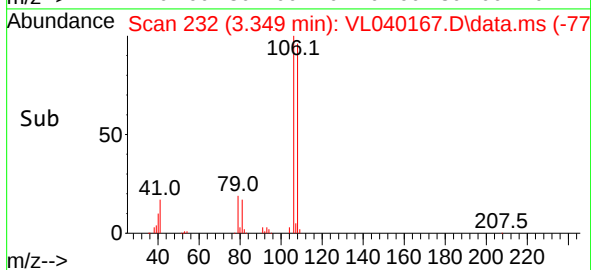
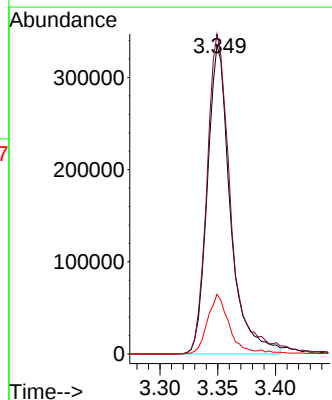
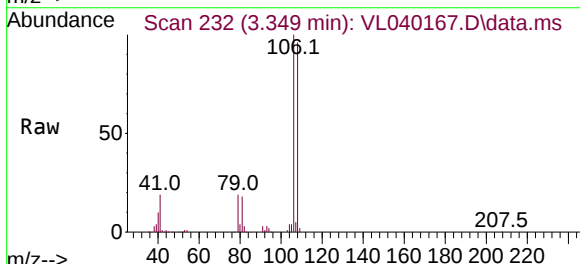
Manual Integrations
APPROVED

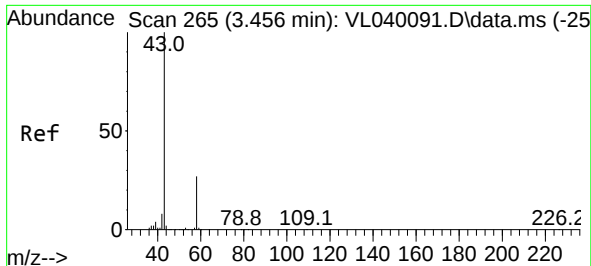
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#14
Bromoethene
Concen: 10.679 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

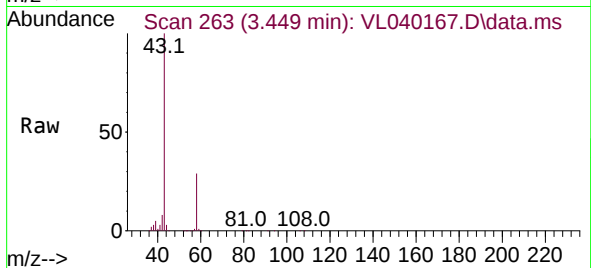
Tgt Ion:108 Resp: 463285
Ion Ratio Lower Upper
108 100
106 109.2 87.0 130.6
79 19.2 16.1 24.1





#15
Acetone
Concen: 10.357 ppbv
RT: 3.449 min Scan# 210
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

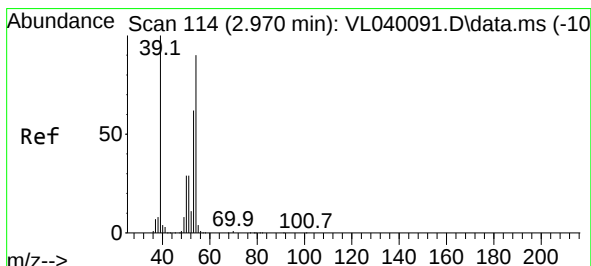
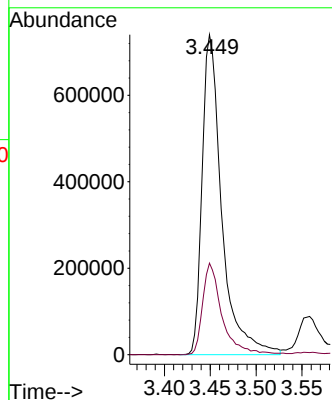
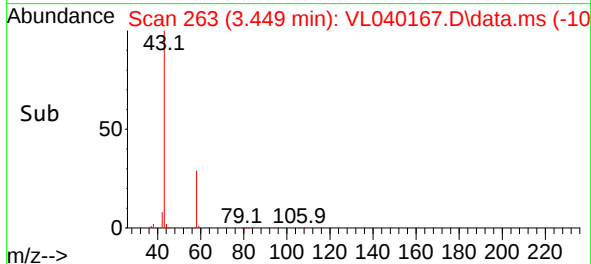
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1103374
Ion Ratio Lower Upper
43 100
58 28.4 21.8 32.8

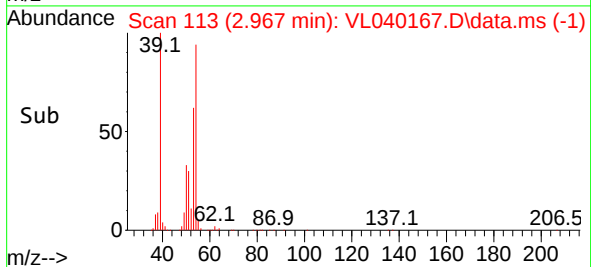
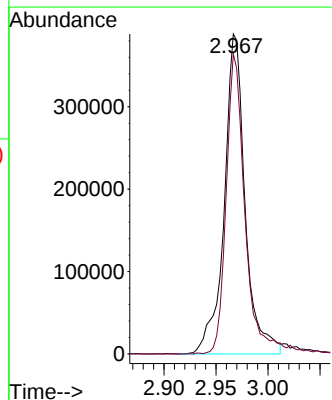
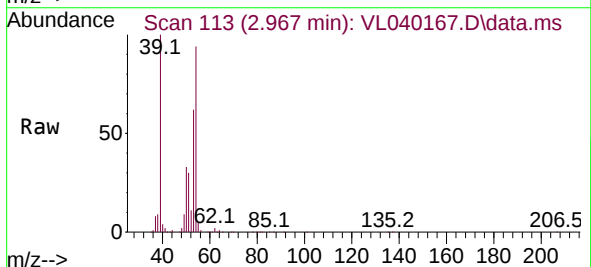
Manual Integrations
APPROVED

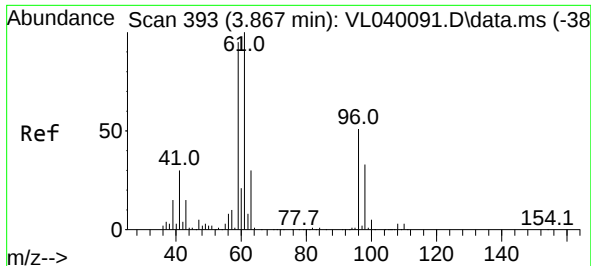
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#16
1,3-Butadiene
Concen: 10.973 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

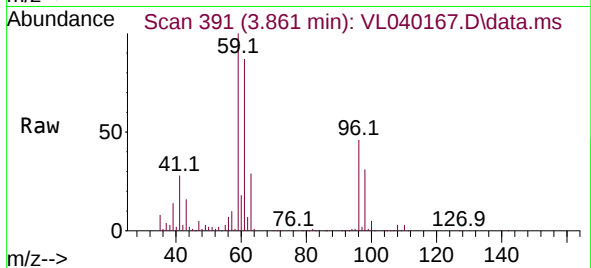
Tgt Ion: 39 Resp: 545055
Ion Ratio Lower Upper
39 100
54 86.0 67.9 101.9





#17
tert-Butyl alcohol
Concen: 11.891 ppbv
RT: 3.861 min Scan# 391
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

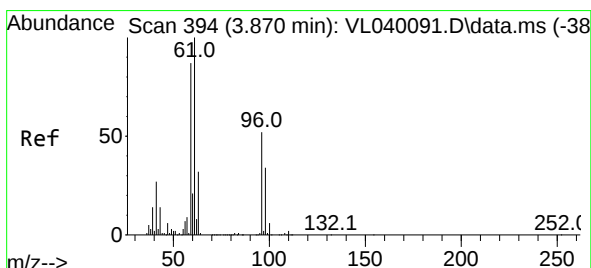
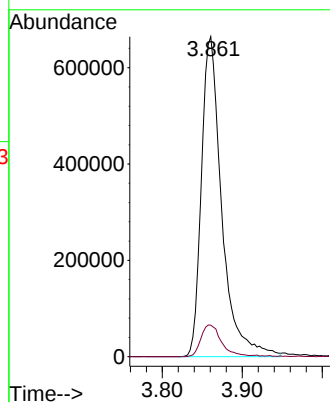
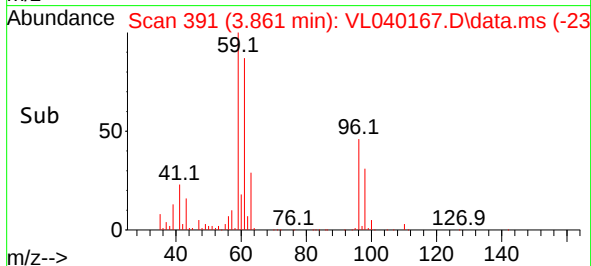
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



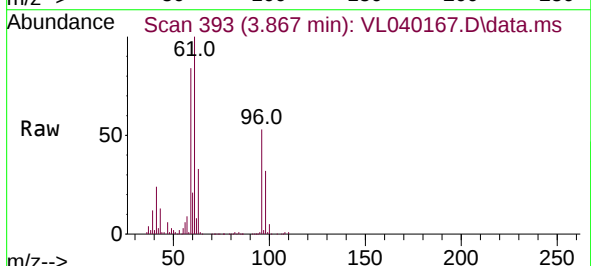
Tgt Ion: 59 Resp: 117975
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

Manual Integrations
APPROVED

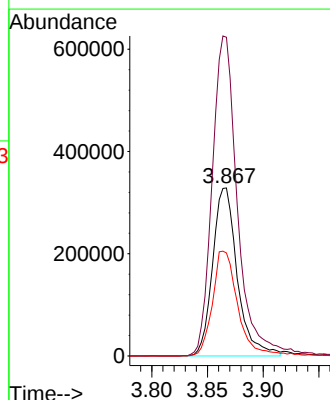
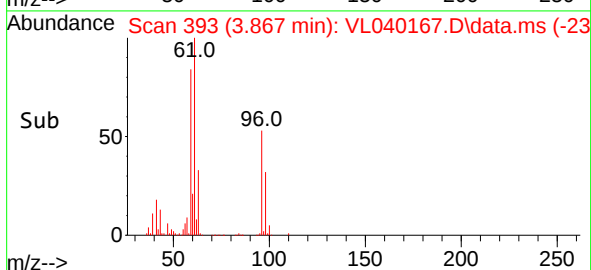
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

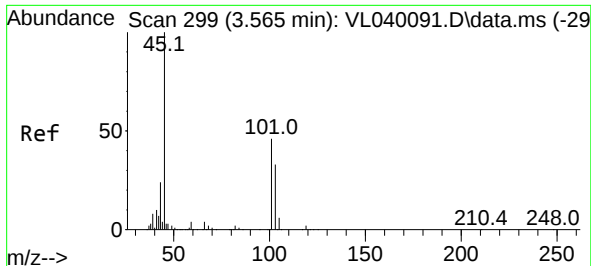


#18
1,1-Dichloroethene
Concen: 9.983 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48



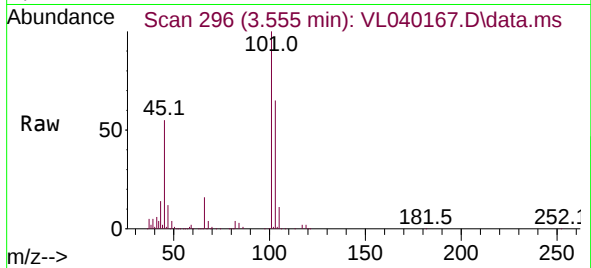
Tgt Ion: 96 Resp: 506897
Ion Ratio Lower Upper
96 100
61 189.7 153.0 229.4
98 61.3 52.7 79.1





#19
Isopropyl Alcohol
Concen: 11.611 ppbv
RT: 3.555 min Scan# 299
Delta R.T. -0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

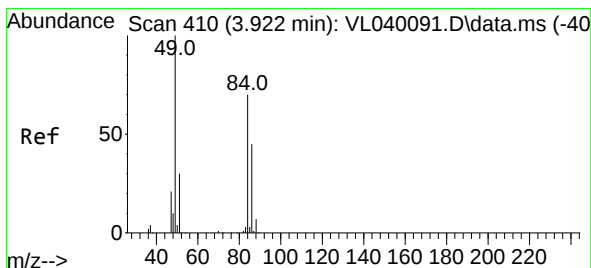
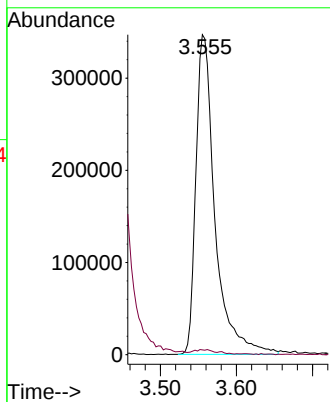
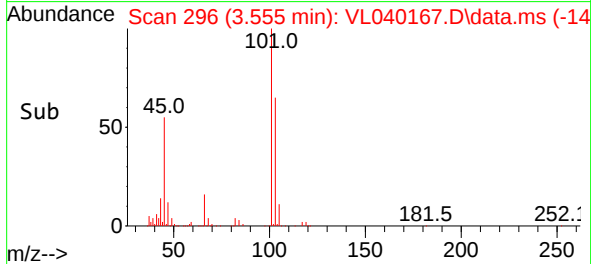
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



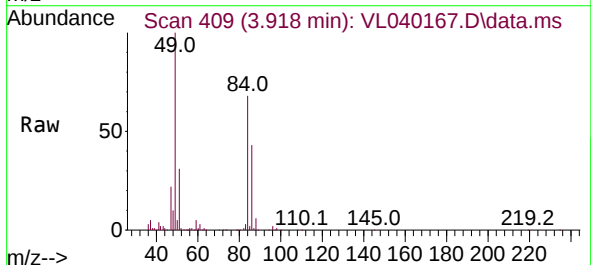
Tgt Ion: 45 Resp: 605270
Ion Ratio Lower Upper
45 100
58 2.6 2.6 4.0

Manual Integrations
APPROVED

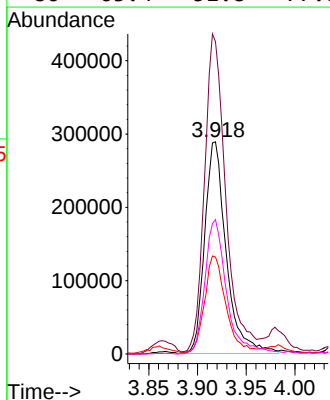
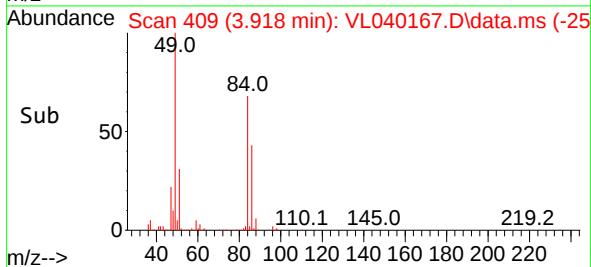
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

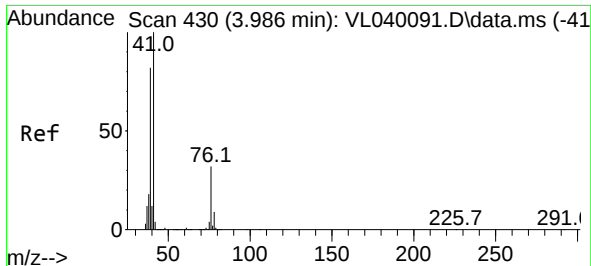


#20
Methylene Chloride
Concen: 9.480 ppbv
RT: 3.918 min Scan# 409
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48



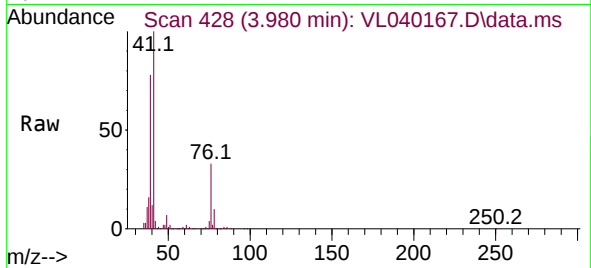
Tgt Ion: 84 Resp: 445608
Ion Ratio Lower Upper
84 100
49 145.7 114.6 171.8
51 44.6 34.3 51.5
86 63.4 51.8 77.8





#21
 Allyl Chloride
 Concen: 11.001 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040167.D
 Acq: 14 Feb 2023 8:48

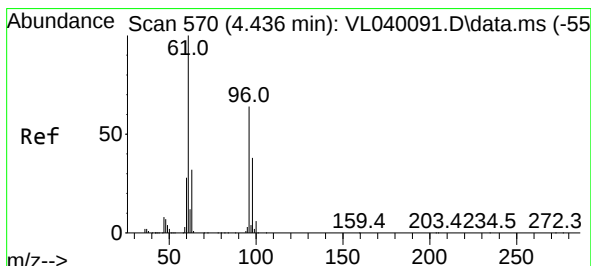
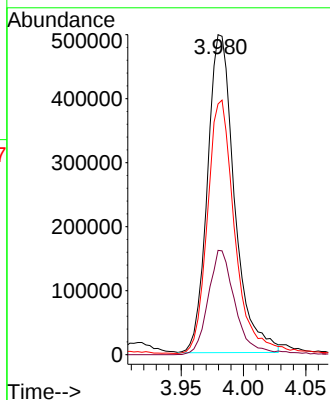
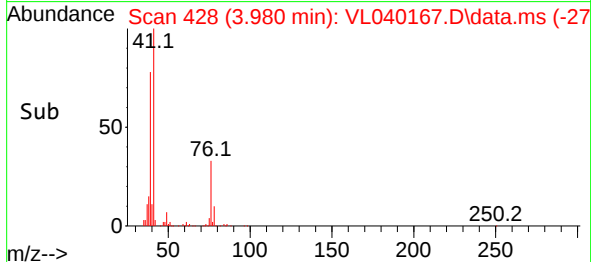
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



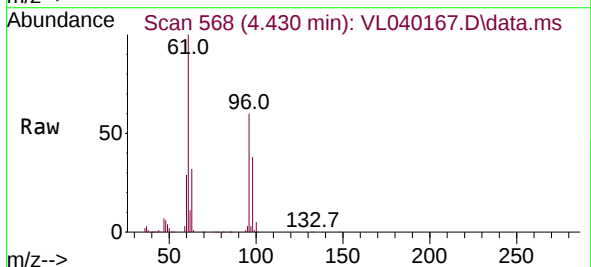
Tgt Ion: 41 Resp: 75258
 Ion Ratio Lower Upper
 41 100
 76 33.2 25.9 38.9
 39 81.3 66.8 100.2

Manual Integrations
 APPROVED

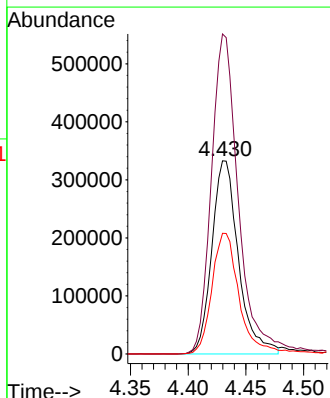
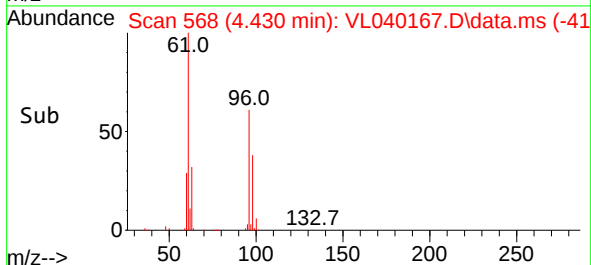
Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

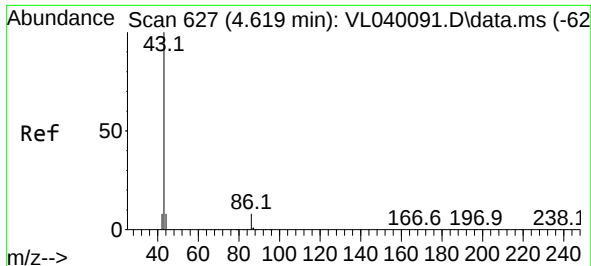


#22
 trans-1,2-Dichloroethene
 Concen: 10.298 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: VL040167.D
 Acq: 14 Feb 2023 8:48



Tgt Ion: 96 Resp: 534283
 Ion Ratio Lower Upper
 96 100
 61 165.7 125.8 188.8
 98 62.5 47.4 71.2





#23
 Vinyl Acetate
 Concen: 12.030 ppbv
 RT: 4.610 min Scan# 610
 Delta R.T. -0.003 min
 Lab File: VL040167.D
 Acq: 14 Feb 2023 8:48

Instrument :

MSVOA_L

ClientSampleId :

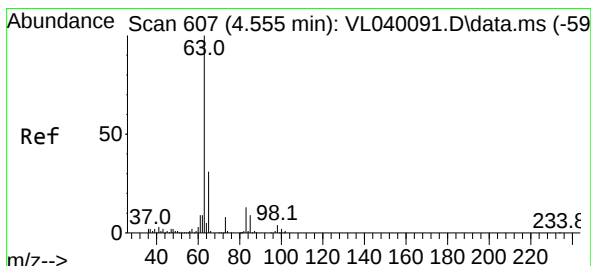
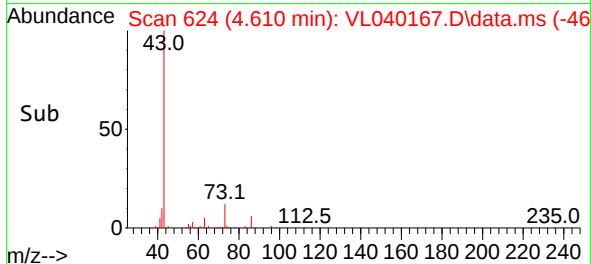
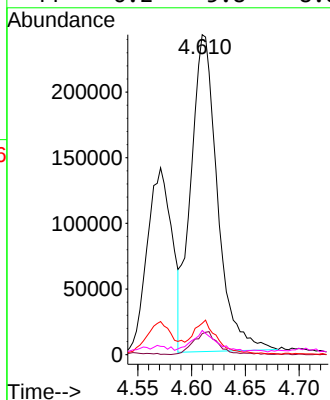
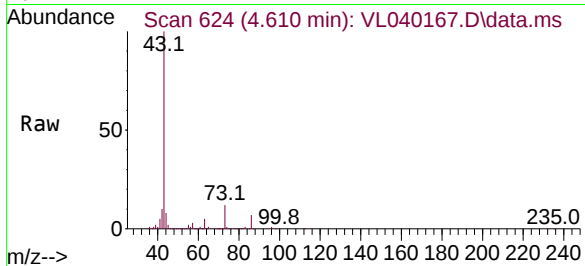
VSTDCCC010EC

Tgt Ion: 43 Resp: 415460
 Ion Ratio Lower Upper
 43 100
 86 6.4 5.6 8.4
 42 9.7 7.7 11.5
 44 6.2 5.8 8.8

Manual Integrations

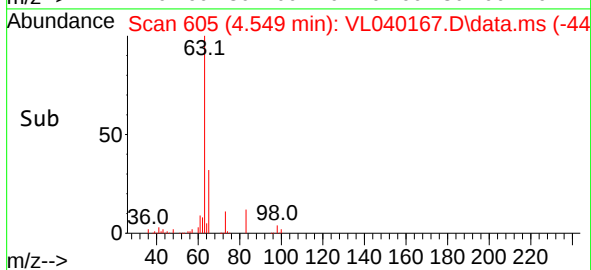
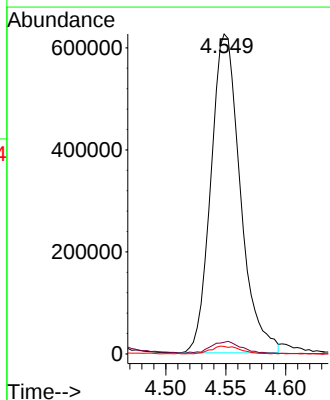
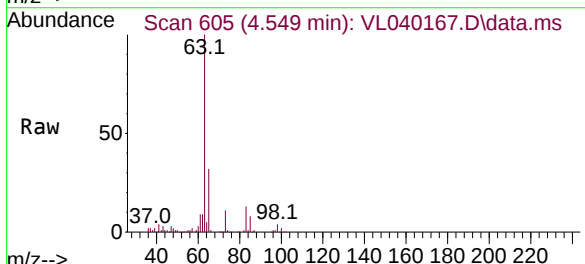
APPROVED

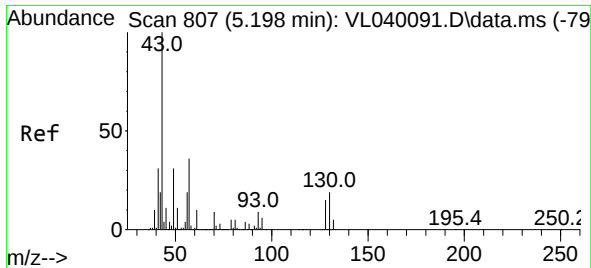
Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#24
 1,1-Dichloroethane
 Concen: 10.164 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.000 min
 Lab File: VL040167.D
 Acq: 14 Feb 2023 8:48

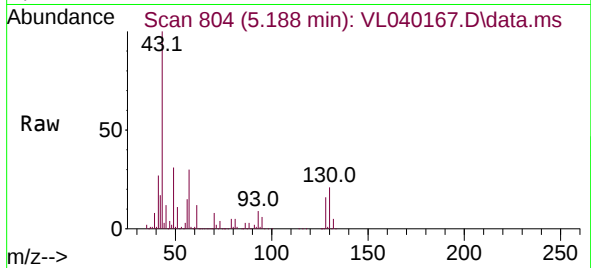
Tgt Ion: 63 Resp: 1062968
 Ion Ratio Lower Upper
 63 100
 98 3.4 2.0 5.8
 100 2.3 1.1 3.5





#25
Ethyl Acetate
Concen: 11.559 ppbv
RT: 5.188 min Scan# 807
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

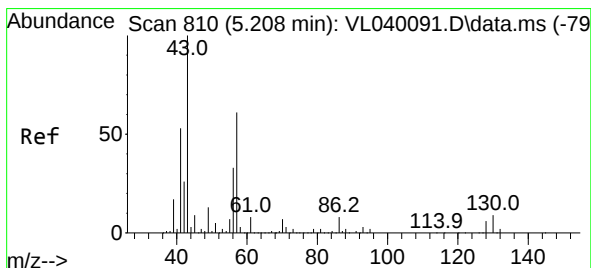
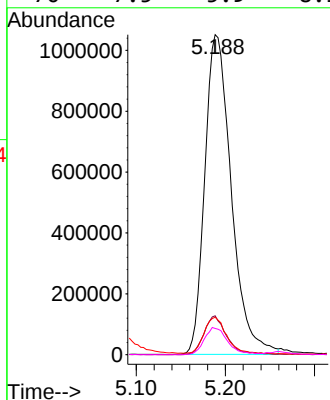
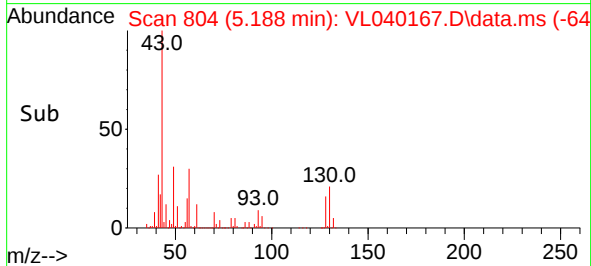
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



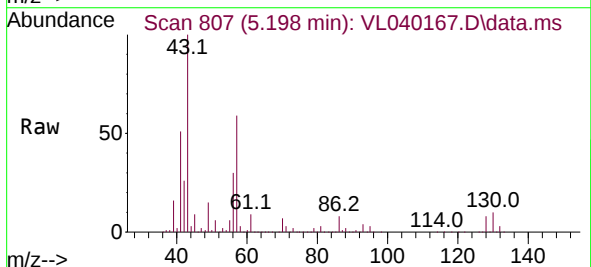
Tgt Ion: 43 Resp: 2169618
Ion Ratio Lower Upper
43 100
45 10.6 8.5 12.7
61 10.6 8.4 12.6
70 7.5 5.9 8.9

Manual Integrations
APPROVED

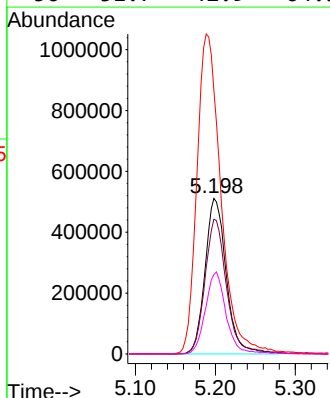
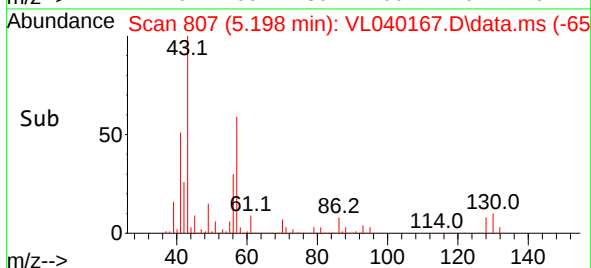
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

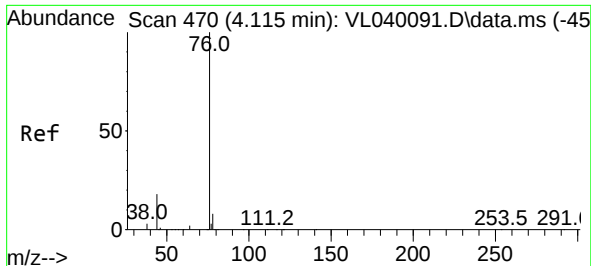


#26
Hexane
Concen: 11.487 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48



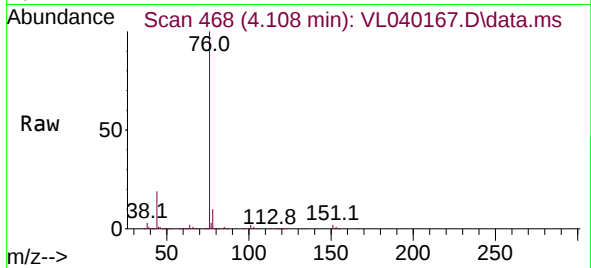
Tgt Ion: 57 Resp: 943510
Ion Ratio Lower Upper
57 100
41 89.3 72.2 108.4
43 233.4 192.1 288.1
56 51.7 42.9 64.3





#27
Carbon Disulfide
Concen: 12.099 ppbv
RT: 4.108 min Scan# 410
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

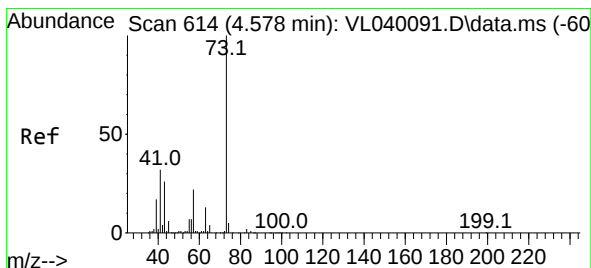
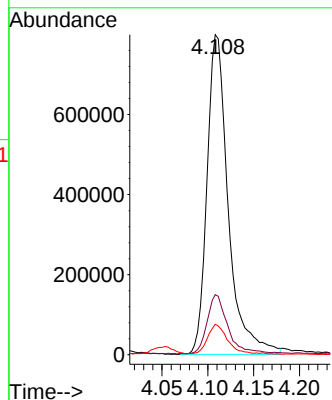
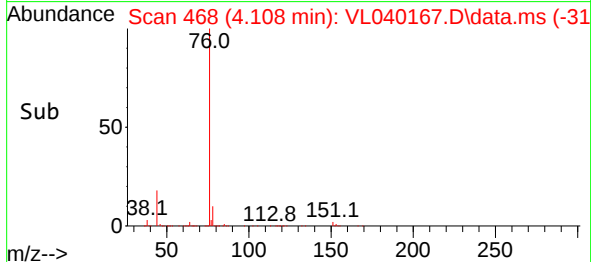
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 128744
Ion Ratio Lower Upper
76 100
44 18.5 14.9 22.3
78 9.6 8.2 12.2

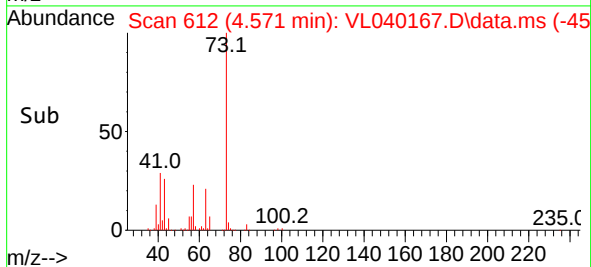
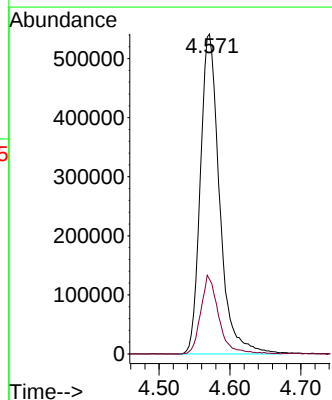
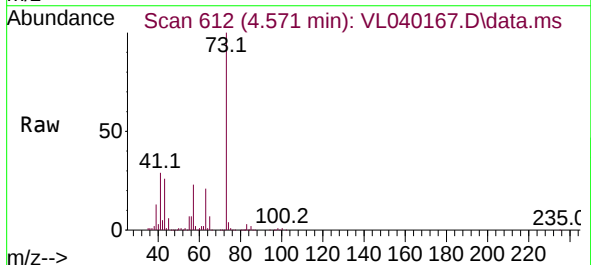
Manual Integrations
APPROVED

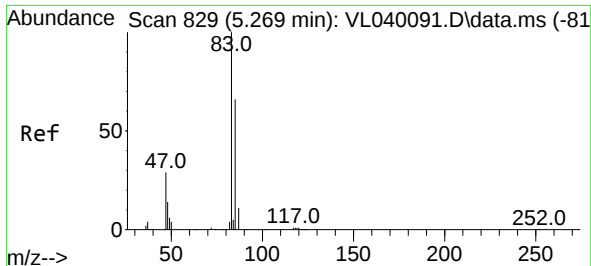
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#28
Methyl tert-Butyl Ether
Concen: 11.020 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

Tgt Ion: 73 Resp: 1018329
Ion Ratio Lower Upper
73 100
57 23.3 18.3 27.5





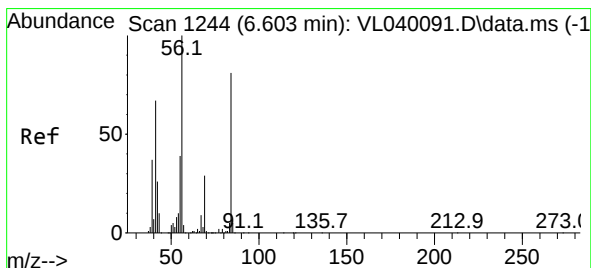
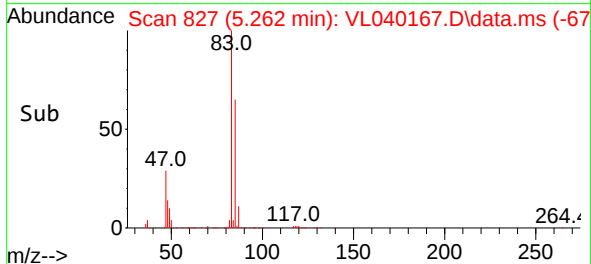
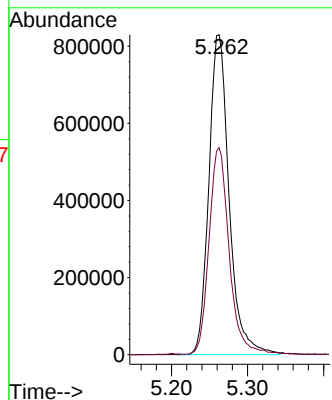
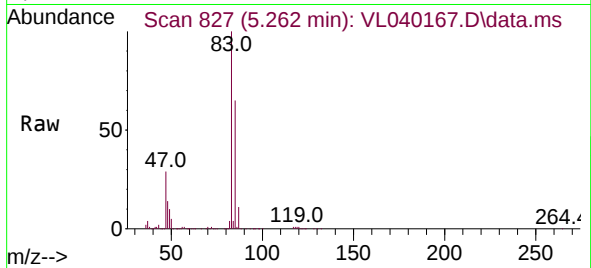
#29
Chloroform
Concen: 11.672 ppbv
RT: 5.262 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 153283
Ion Ratio Lower Upper
83 100
85 64.5 53.1 79.7

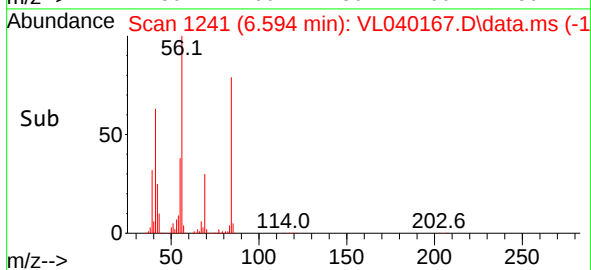
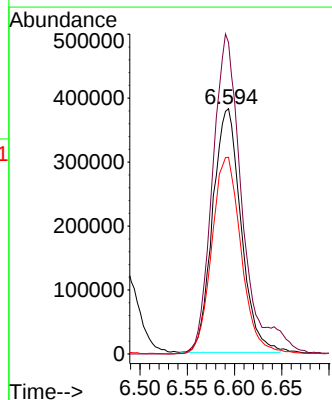
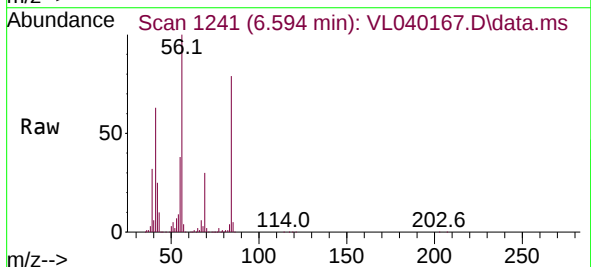
Manual Integrations
APPROVED

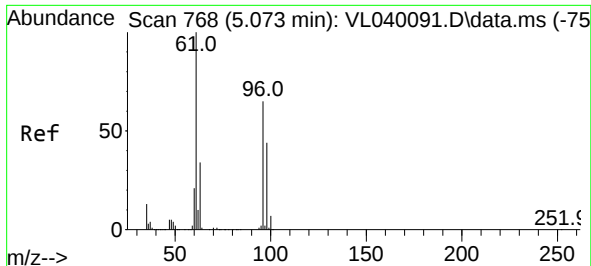
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#30
Cyclohexane
Concen: 12.153 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

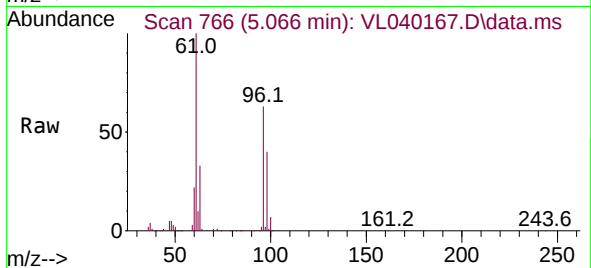
Tgt Ion: 84 Resp: 793579
Ion Ratio Lower Upper
84 100
56 138.0 111.5 167.3
41 83.7 71.4 107.0





#31
 cis-1,2-Dichloroethene
 Concen: 10.563 ppbv
 RT: 5.066 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VL040167.D
 Acq: 14 Feb 2023 8:48

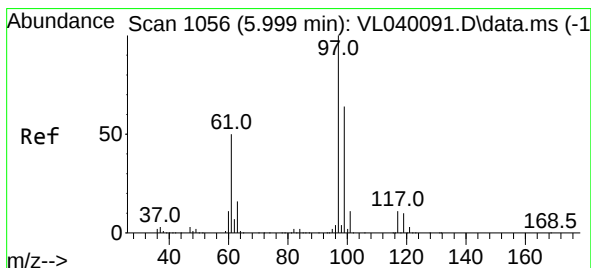
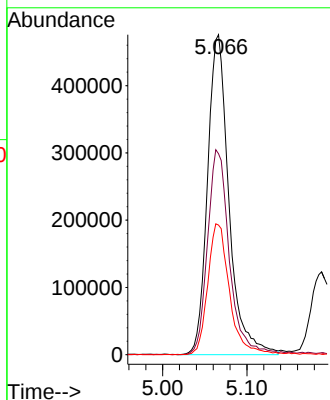
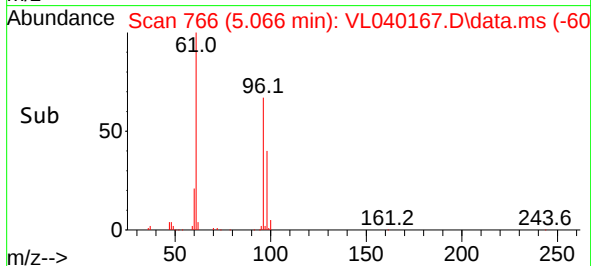
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 839984
 Ion Ratio Lower Upper
 61 100
 96 62.7 52.0 78.0
 98 40.5 35.3 52.9

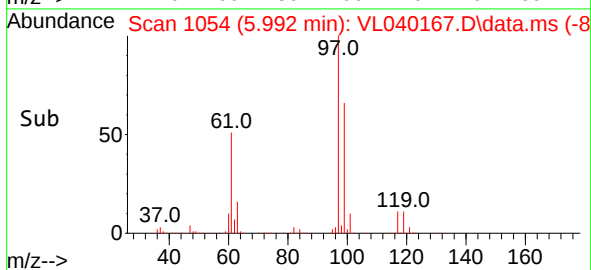
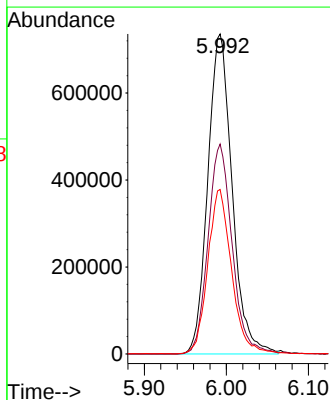
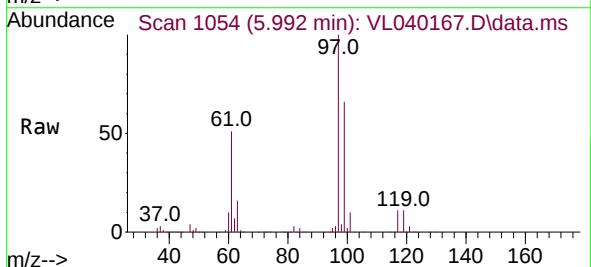
Manual Integrations
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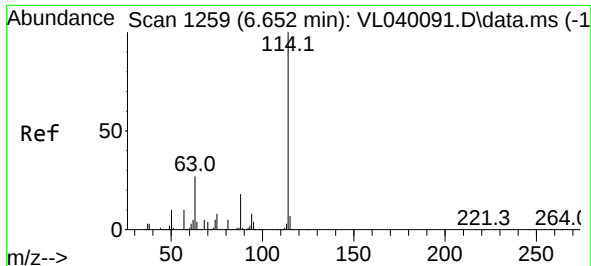
Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#32
 1,1,1-Trichloroethane
 Concen: 11.380 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. 0.003 min
 Lab File: VL040167.D
 Acq: 14 Feb 2023 8:48

Tgt Ion: 97 Resp: 1518969
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.8 77.6
 61 50.4 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 241578

Ion Ratio Lower Upper

114 100

63 24.9 21.8 32.8

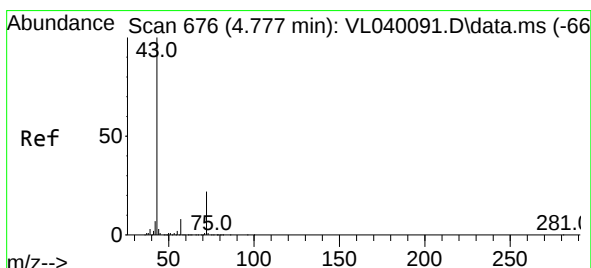
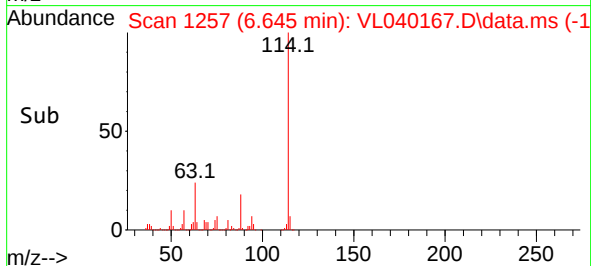
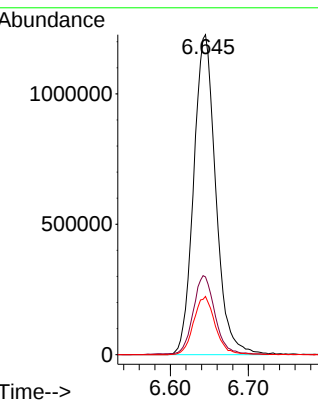
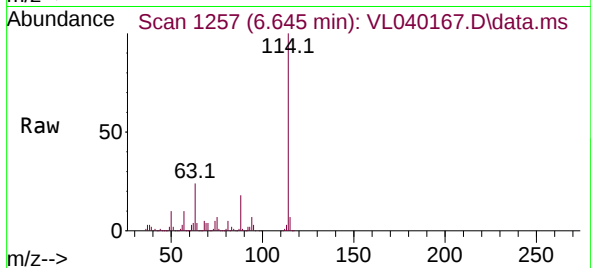
88 17.8 14.8 22.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#34

2-Butanone

Concen: 10.800 ppbv

RT: 4.771 min Scan# 674

Delta R.T. 0.000 min

Lab File: VL040167.D

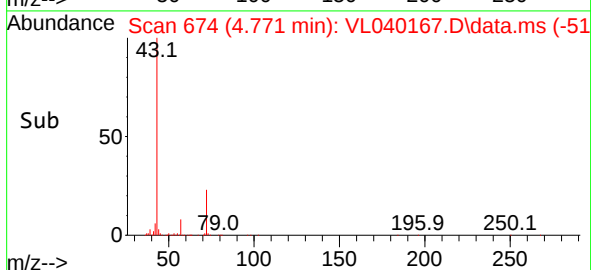
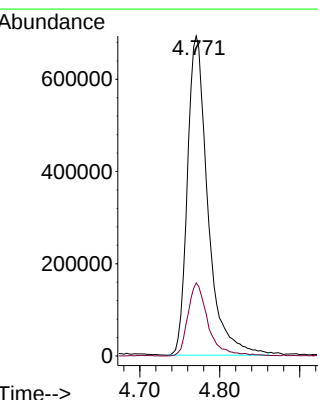
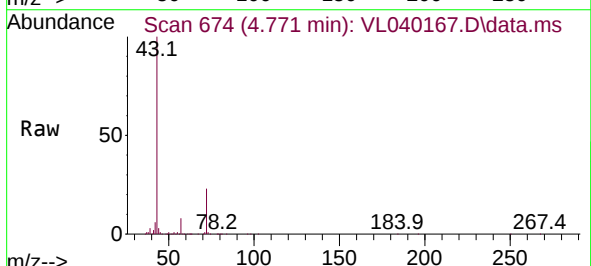
Acq: 14 Feb 2023 8:48

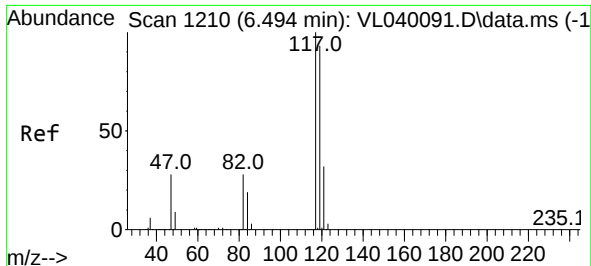
Tgt Ion: 43 Resp: 1234109

Ion Ratio Lower Upper

43 100

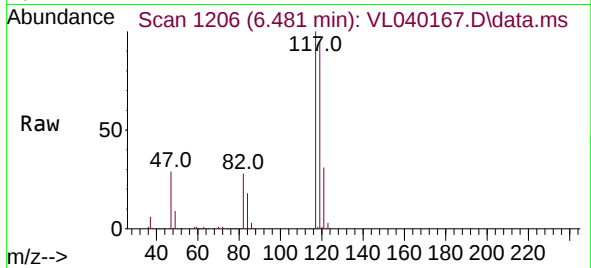
72 22.6 18.4 27.6





#35
Carbon Tetrachloride
Concen: 11.606 ppbv
RT: 6.481 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

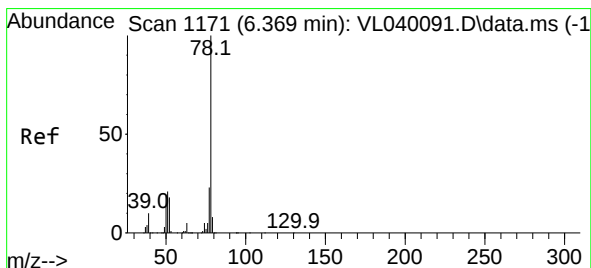
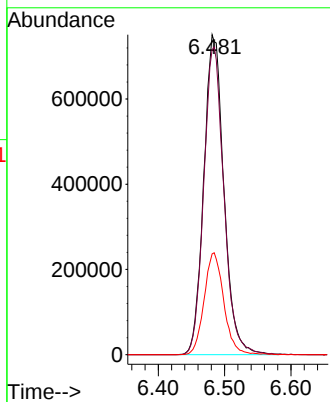
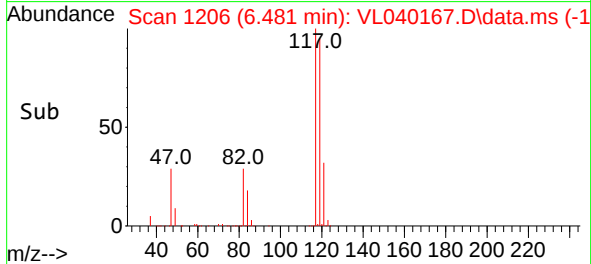
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 158524
Ion Ratio Lower Upper
117 100
119 95.3 74.5 111.7
121 31.5 25.4 38.0

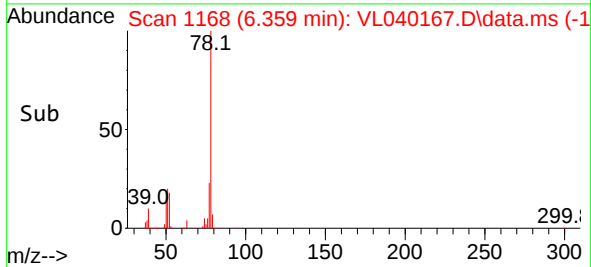
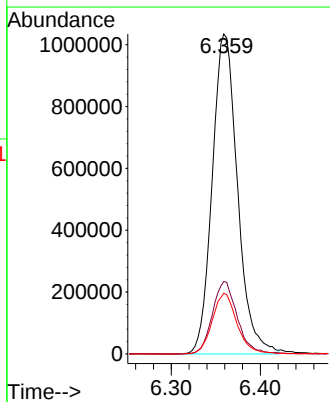
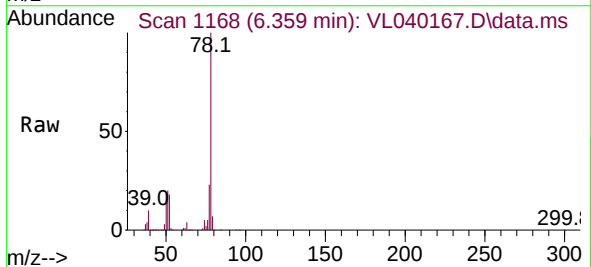
Manual Integrations
APPROVED

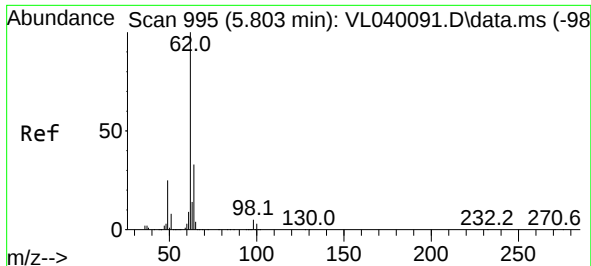
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#36
Benzene
Concen: 11.422 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

Tgt Ion: 78 Resp: 2041991
Ion Ratio Lower Upper
78 100
77 22.7 18.1 27.1
50 19.0 15.6 23.4





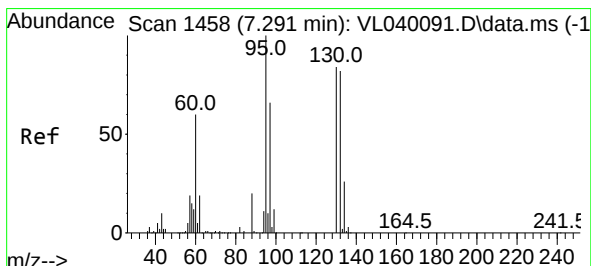
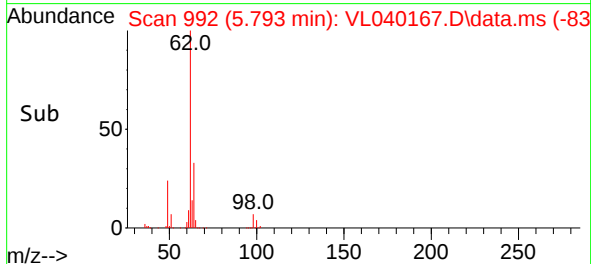
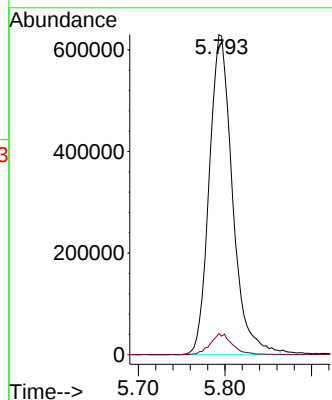
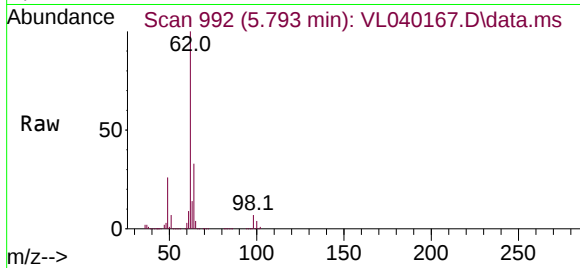
#37
1,2-Dichloroethane
Concen: 10.239 ppbv
RT: 5.793 min Scan# 995
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1176593
Ion Ratio Lower Upper
62 100
98 6.3 4.4 6.6

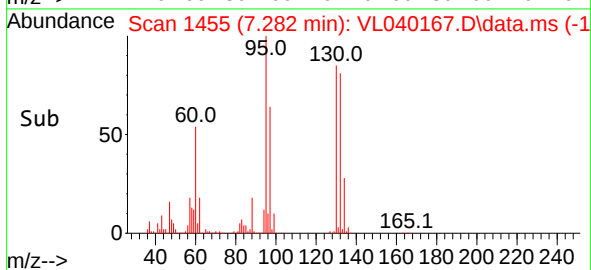
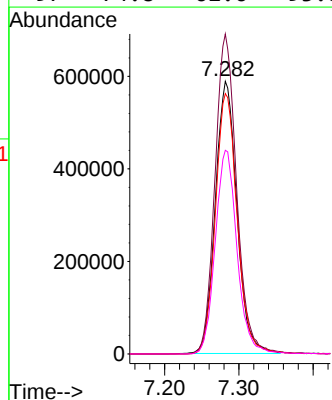
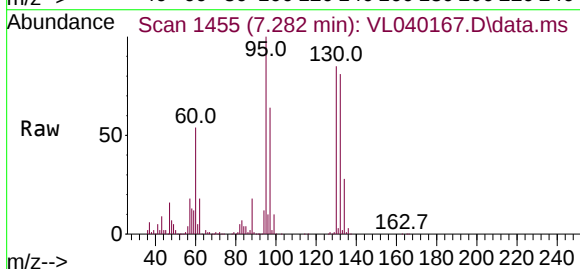
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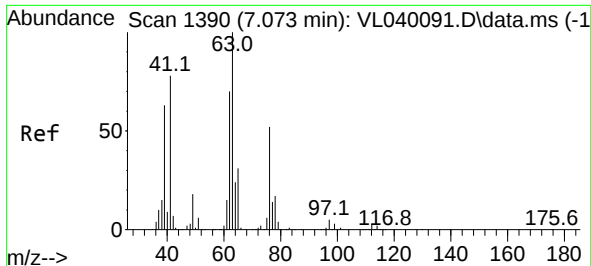
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#38
Trichloroethene
Concen: 11.758 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

Tgt Ion:130 Resp: 1192986
Ion Ratio Lower Upper
130 100
95 117.5 95.0 142.6
132 95.6 77.9 116.9
97 74.8 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.964 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 766680

Ion Ratio Lower Upper

63 100

41 70.9 62.2 93.4

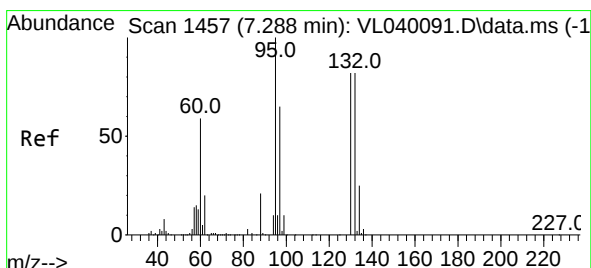
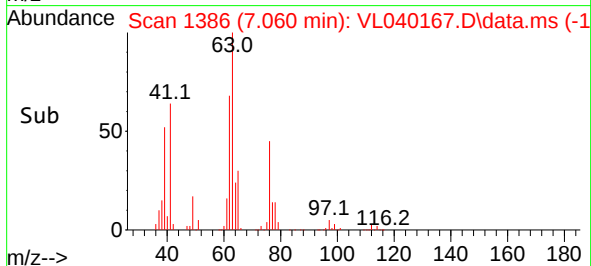
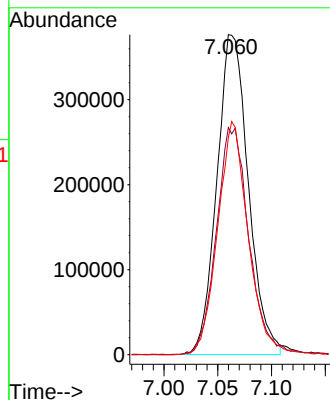
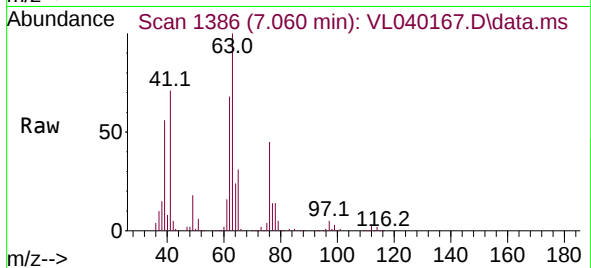
62 67.8 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#40

1,4-Dioxane

Concen: 11.424 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

Tgt Ion: 88 Resp: 317026

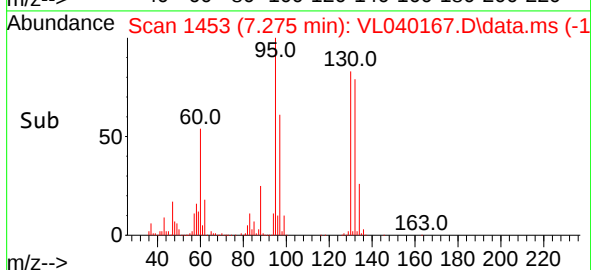
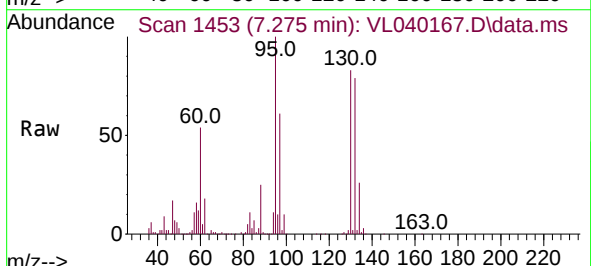
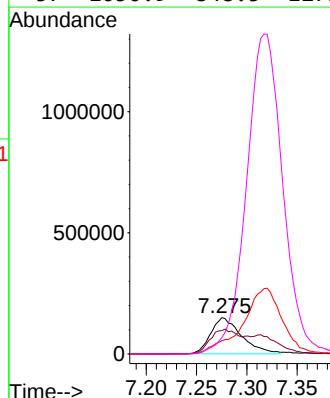
Ion Ratio Lower Upper

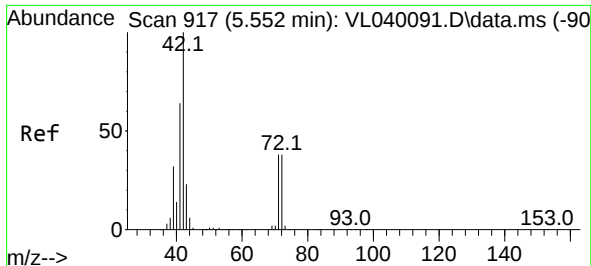
88 100

58 118.7 97.5 146.3

43 234.1 195.0 292.4

57 1050.9 848.5 1272.7





#41

Tetrahydrofuran

Concen: 12.033 ppbv

RT: 5.542 min Scan# 917

Delta R.T. -0.000 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 793622

Ion Ratio Lower Upper

42 100

72 41.3 31.9 47.9

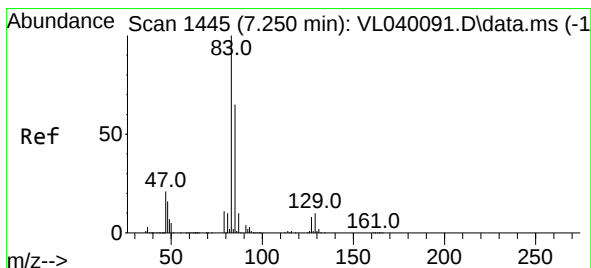
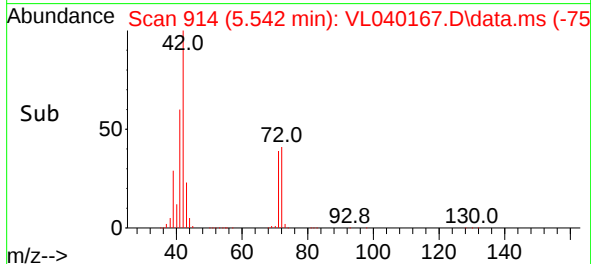
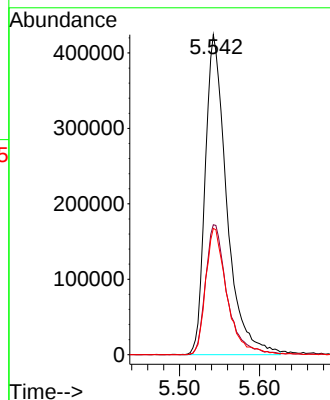
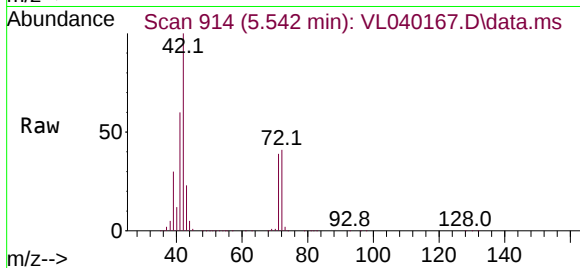
71 39.6 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#42

Bromodichloromethane

Concen: 11.125 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. 0.006 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

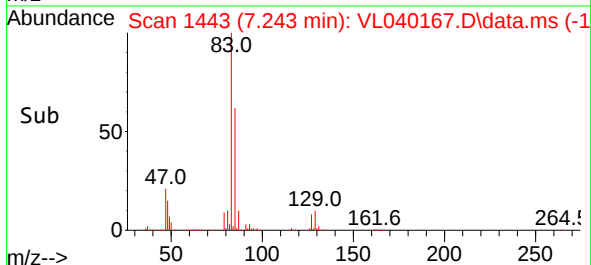
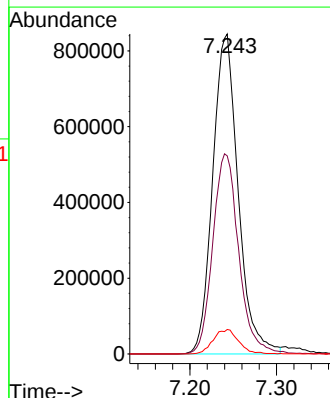
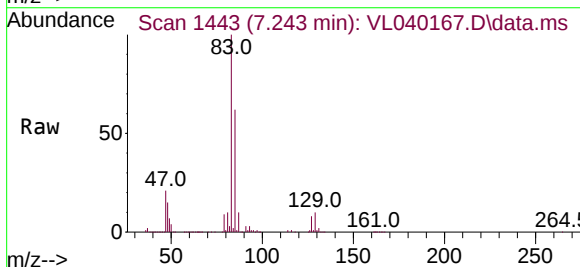
Tgt Ion: 83 Resp: 1726223

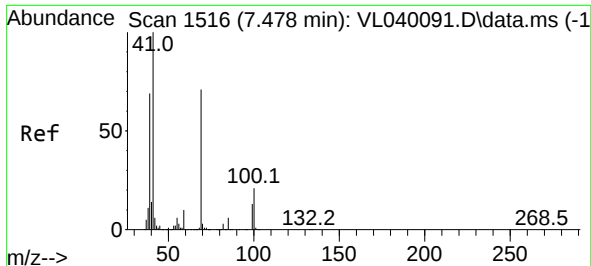
Ion Ratio Lower Upper

83 100

85 61.9 51.7 77.5

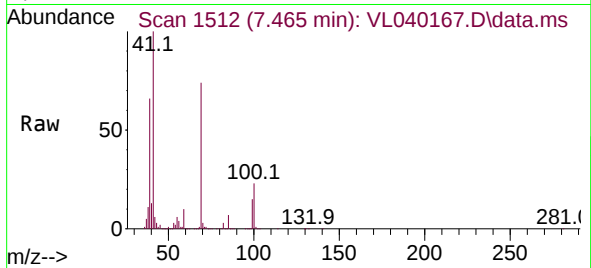
127 7.7 6.2 9.2





#43
Methyl Methacrylate
Concen: 12.577 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

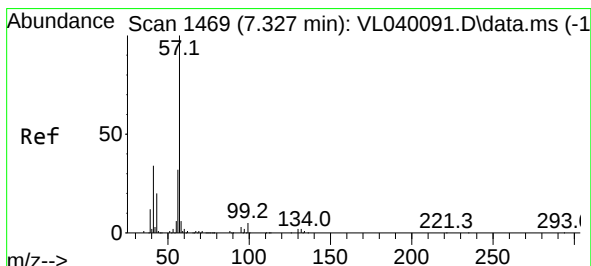
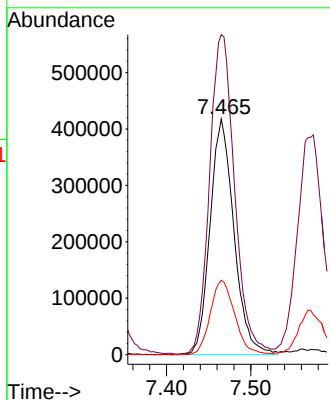
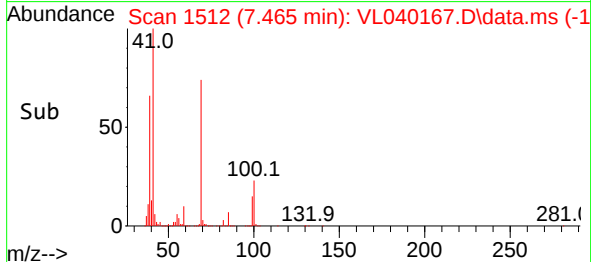
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



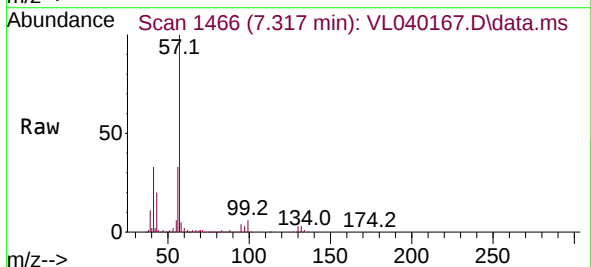
Tgt Ion: 69 Resp: 82512
Ion Ratio Lower Upper
69 100
41 142.2 118.2 177.2
100 32.2 24.2 36.4

Manual Integrations
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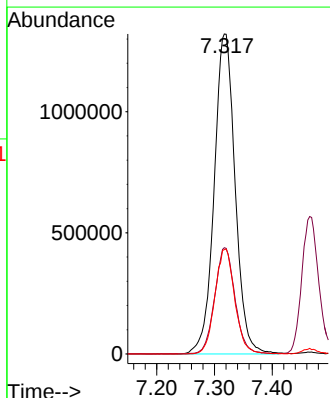
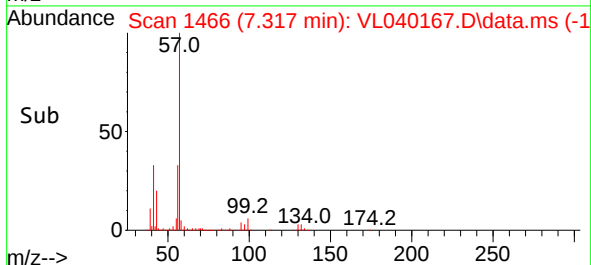
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

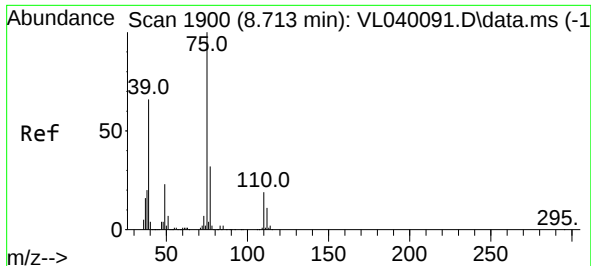


#44
2,2,4-Trimethylpentane
Concen: 11.193 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48



Tgt Ion: 57 Resp: 3327768
Ion Ratio Lower Upper
57 100
41 32.0 27.1 40.7
56 31.3 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 13.619 ppbv

RT: 8.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 79672

Ion Ratio Lower Upper

75 100

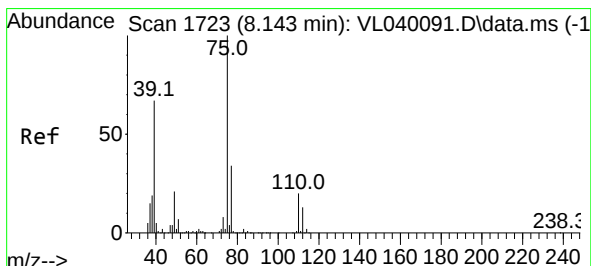
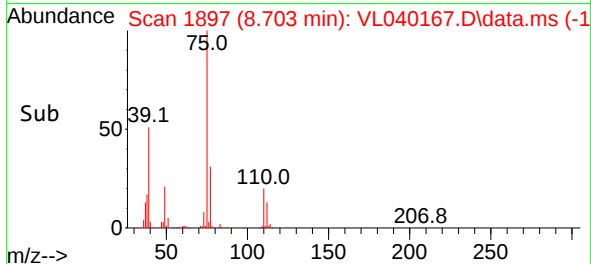
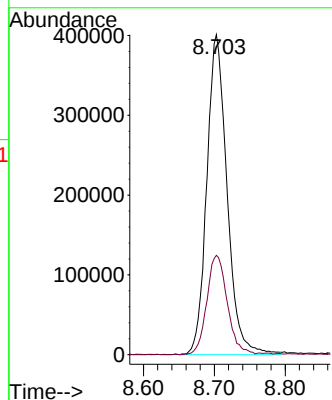
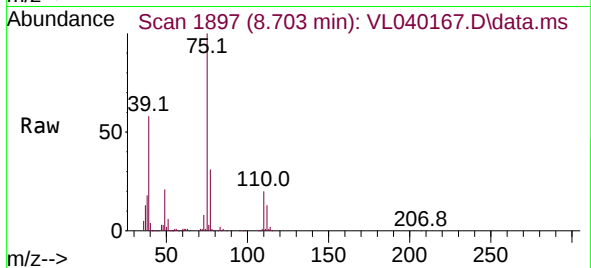
77 31.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#46

cis-1,3-Dichloropropene

Concen: 13.366 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

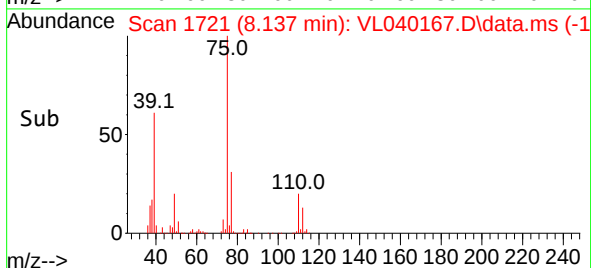
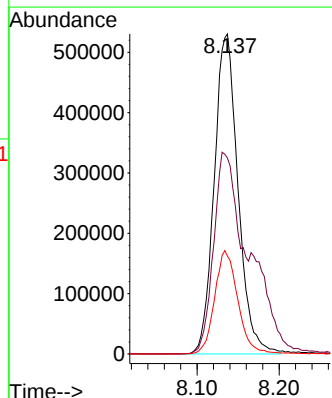
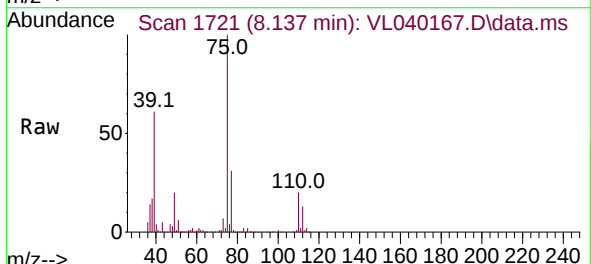
Tgt Ion: 75 Resp: 1068449

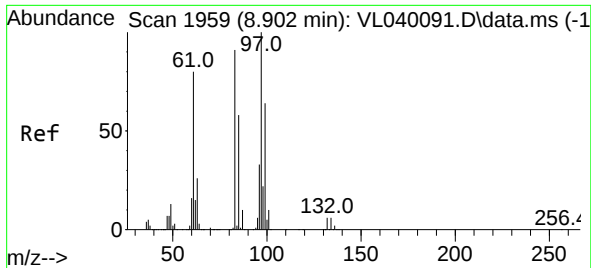
Ion Ratio Lower Upper

75 100

39 61.2 53.6 80.4

77 30.6 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 11.341 ppbv

RT: 8.893 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 83497

Ion Ratio Lower Upper

97 100

83 89.2 72.9 109.3

85 57.8 46.0 69.0

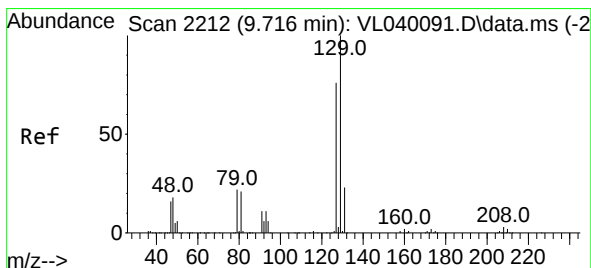
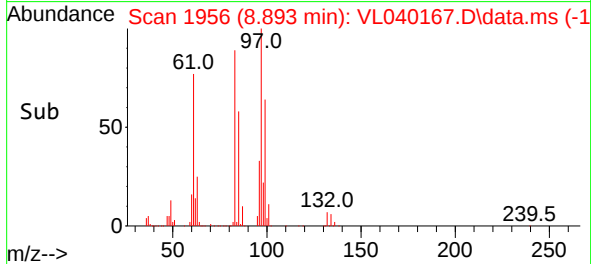
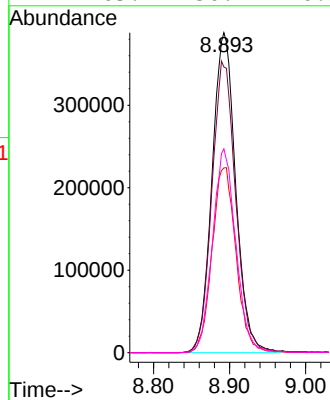
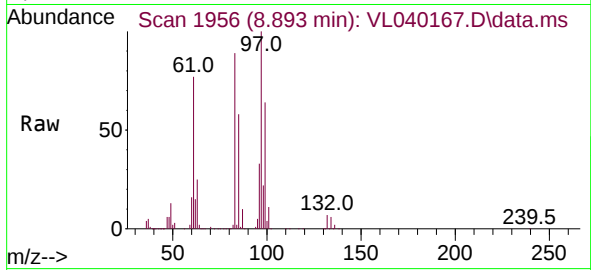
99 63.7 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#48

Dibromochloromethane

Concen: 12.212 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. 0.006 min

Lab File: VL040167.D

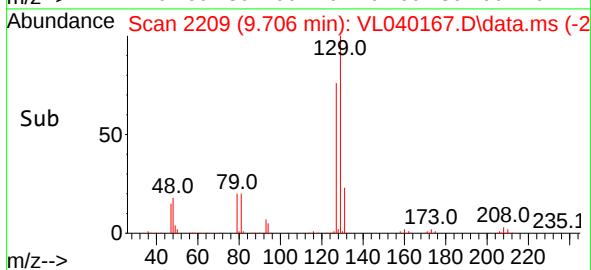
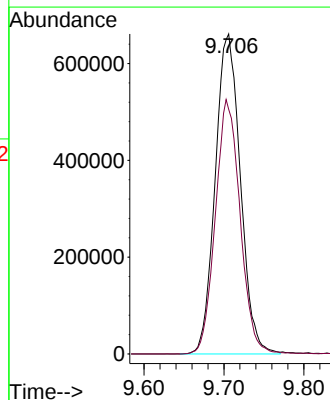
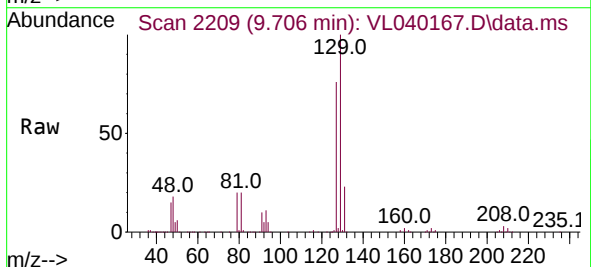
Acq: 14 Feb 2023 8:48

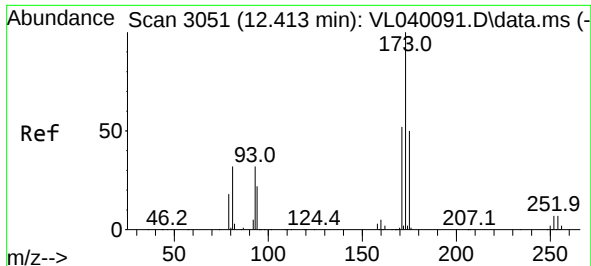
Tgt Ion:129 Resp: 1445006

Ion Ratio Lower Upper

129 100

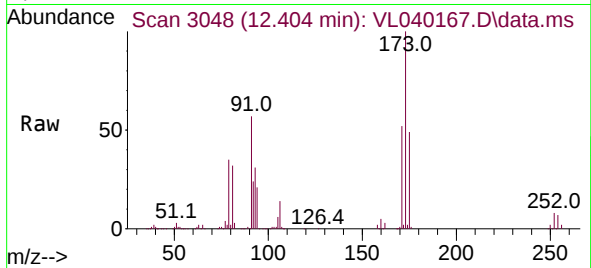
127 78.2 39.3 117.9





#49
Bromoform
Concen: 12.500 ppbv
RT: 12.404 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

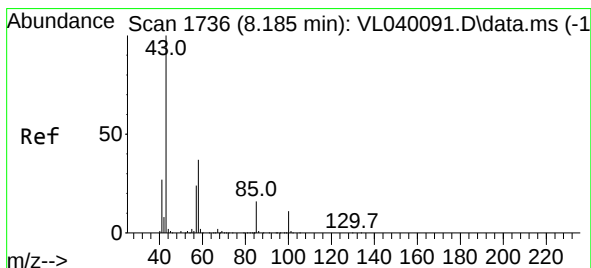
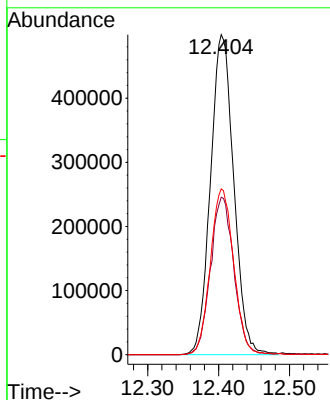
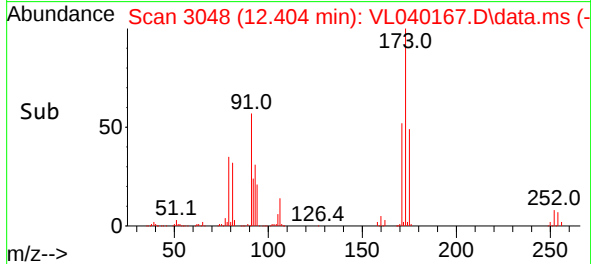
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 113945
Ion Ratio Lower Upper
173 100
175 49.7 39.7 59.5
171 52.3 42.2 63.2

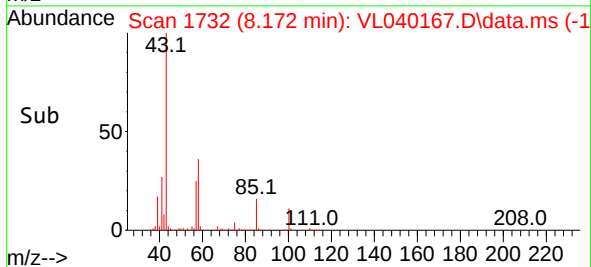
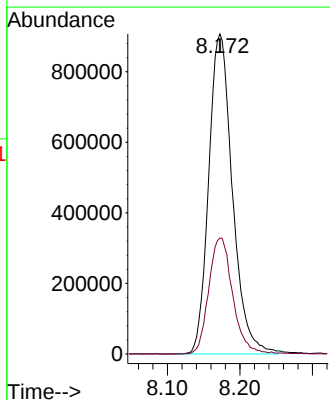
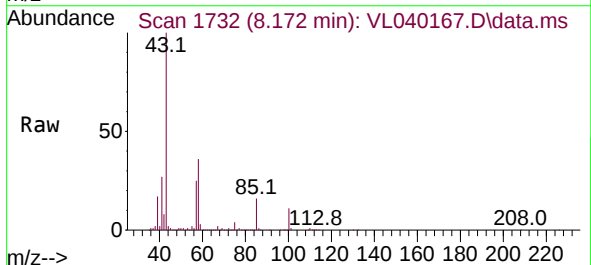
Manual Integrations
APPROVED

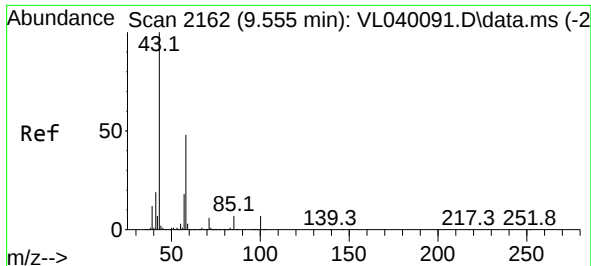
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#50
4-Methyl-2-Pentanone
Concen: 11.470 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

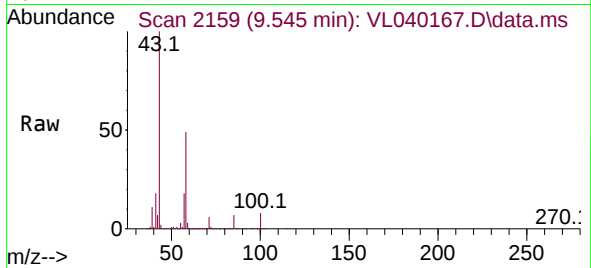
Tgt Ion: 43 Resp: 2061614
Ion Ratio Lower Upper
43 100
58 36.7 28.8 43.2





#51
2-Hexanone
Concen: 11.956 ppbv
RT: 9.545 min Scan# 2162
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

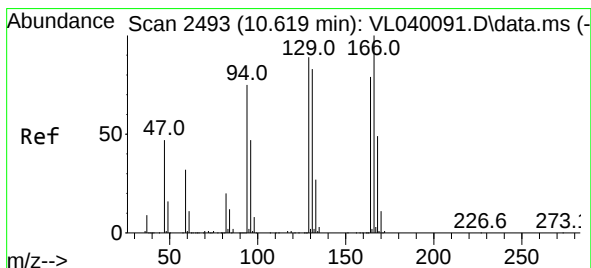
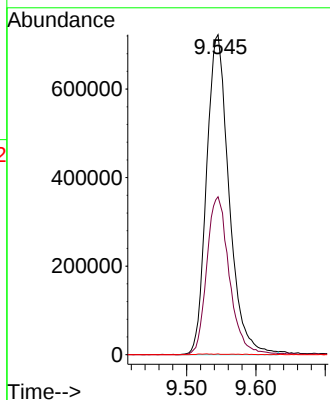
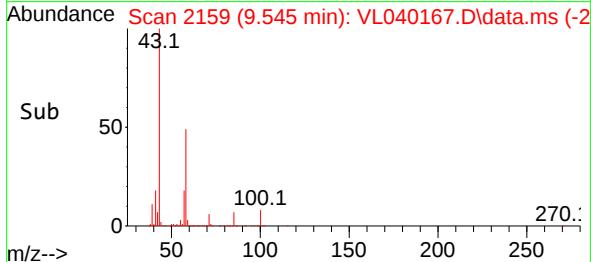
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



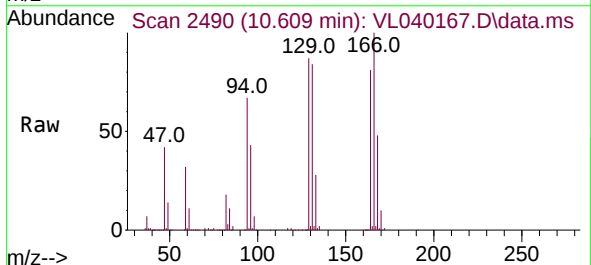
Tgt Ion: 43 Resp: 1628072
Ion Ratio Lower Upper
43 100
58 49.8 37.5 56.3
98 0.2 0.4 0.6

Manual Integrations
APPROVED

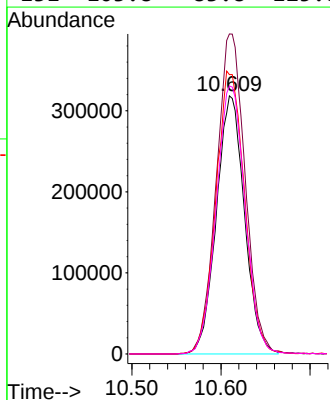
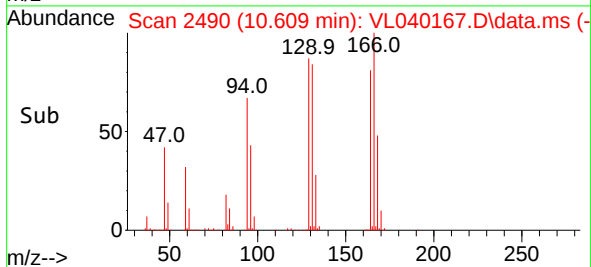
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

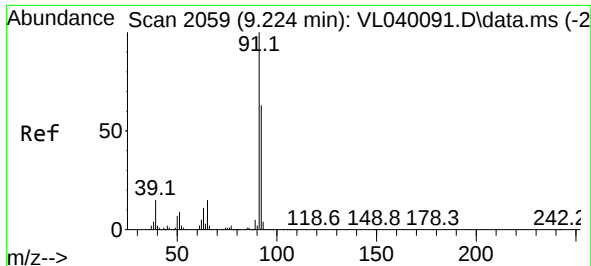


#52
Tetrachloroethene
Concen: 11.919 ppbv
RT: 10.609 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48



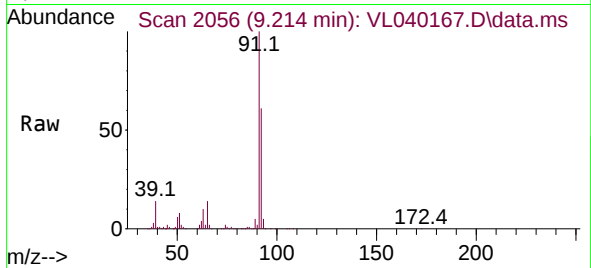
Tgt Ion:164 Resp: 697073
Ion Ratio Lower Upper
164 100
166 124.0 101.2 151.8
129 108.2 90.2 135.2
131 103.8 83.8 125.8





#53
Toluene
Concen: 12.311 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

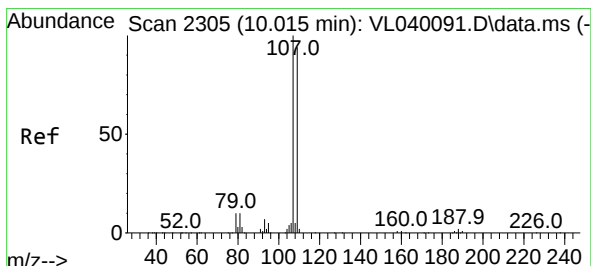
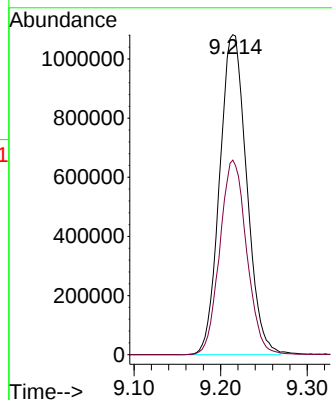
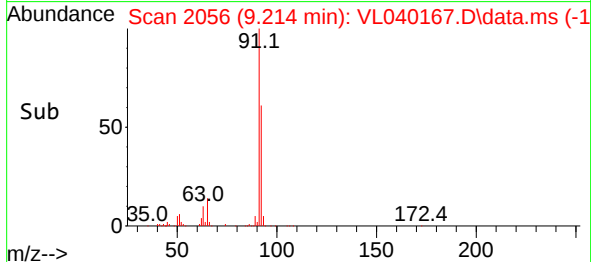
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



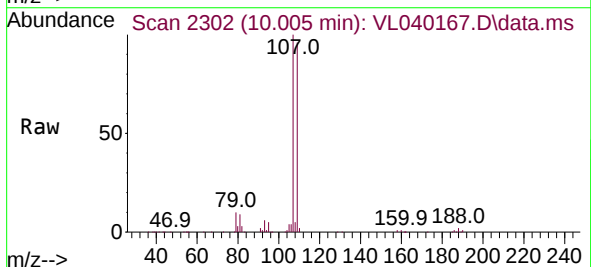
Tgt Ion: 91 Resp: 234747
Ion Ratio Lower Upper
91 100
92 60.5 48.3 72.5

Manual Integrations
APPROVED

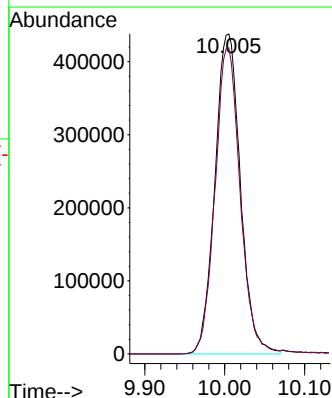
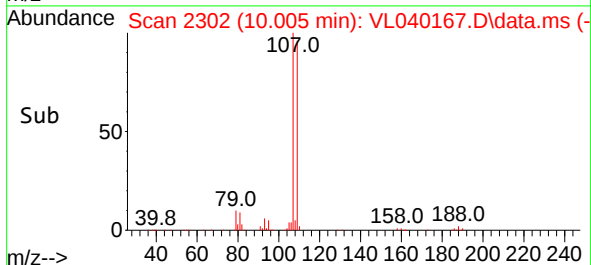
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

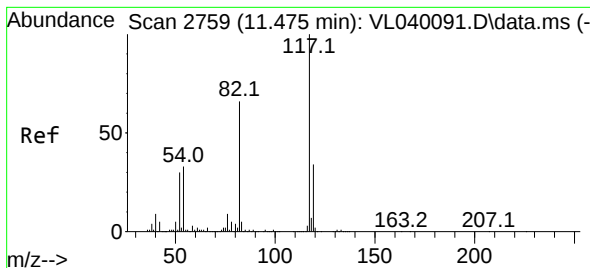


#54
1,2-Dibromoethane
Concen: 12.552 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.006 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48



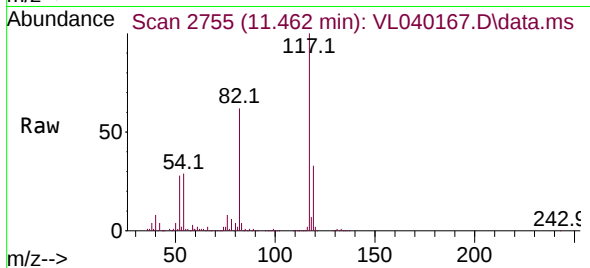
Tgt Ion:107 Resp: 967474
Ion Ratio Lower Upper
107 100
109 95.7 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.462 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

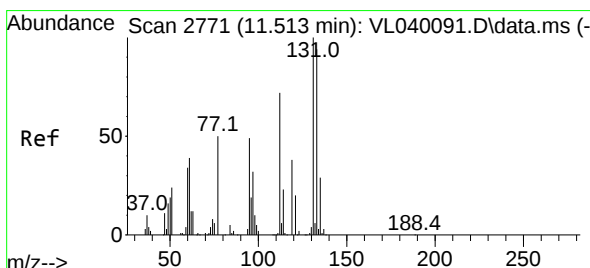
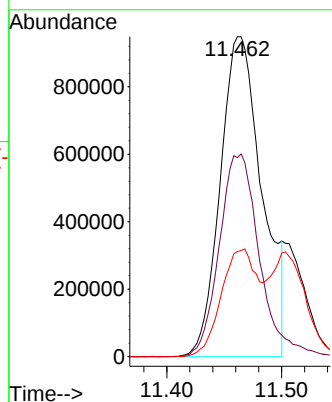
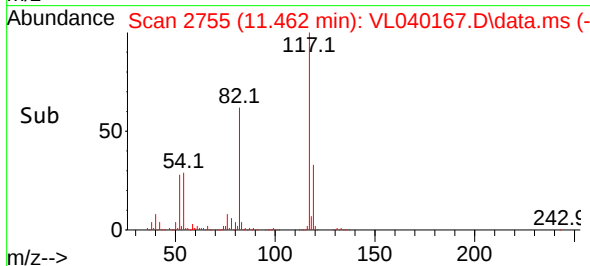
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



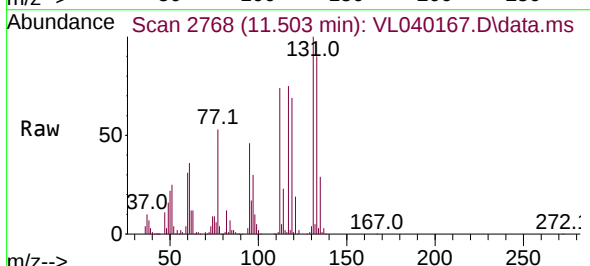
Tgt Ion:117 Resp: 240125
Ion Ratio Lower Upper
117 100
82 61.2 54.4 81.6
119 29.7 26.8 40.2

Manual Integrations
APPROVED

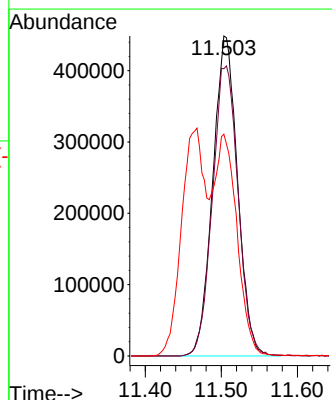
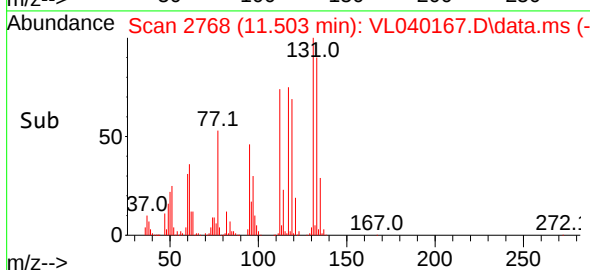
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

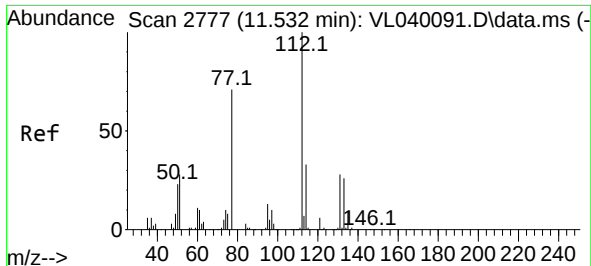


#56
1,1,1,2-Tetrachloroethane
Concen: 10.853 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48



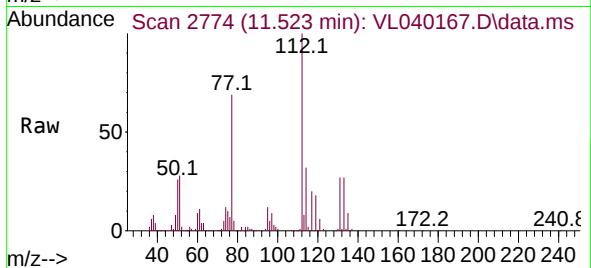
Tgt Ion:131 Resp: 1014298
Ion Ratio Lower Upper
131 100
133 94.2 75.6 113.4
119 64.8 47.2 70.8





#57
Chlorobenzene
Concen: 11.002 ppbv
RT: 11.523 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

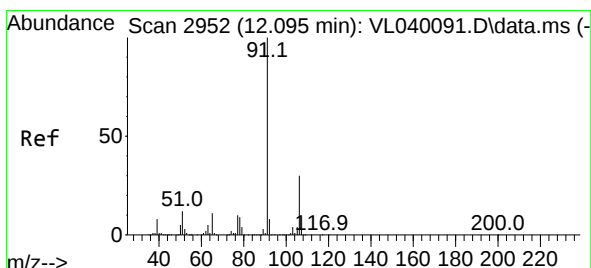
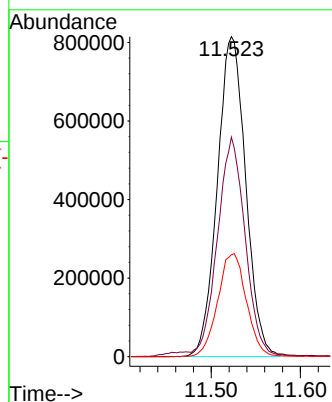
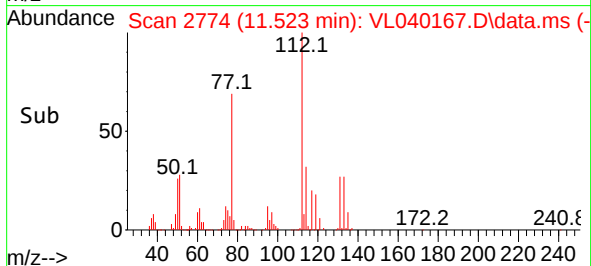
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 1800859
Ion Ratio Lower Upper
112 100
77 68.0 57.3 85.9
114 31.9 29.6 36.2

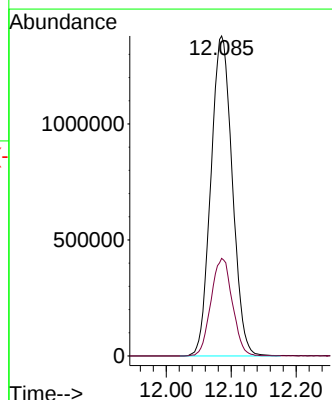
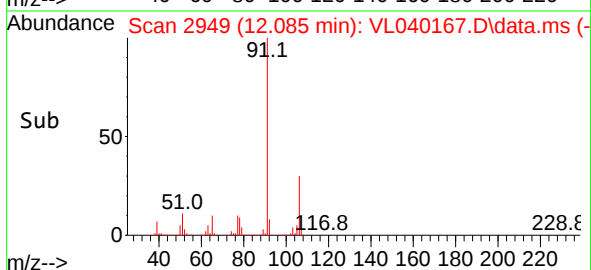
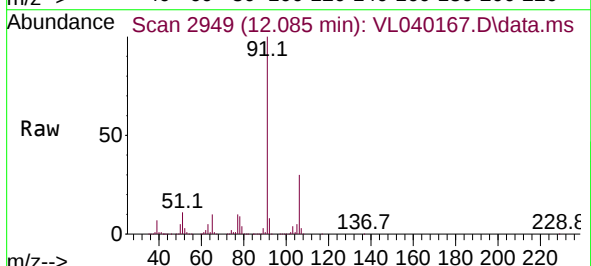
Manual Integrations
APPROVED

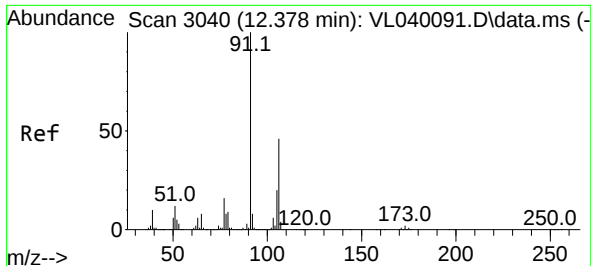
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#58
Ethyl Benzene
Concen: 11.772 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

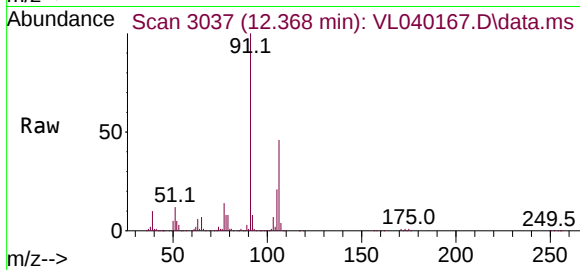
Tgt Ion: 91 Resp: 3154438
Ion Ratio Lower Upper
91 100
106 30.5 23.7 35.5





#59
m/p-Xylene
Concen: 22.304 ppbv m
RT: 12.368 min Scan# 3040
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

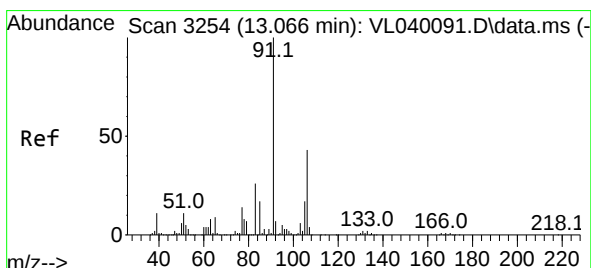
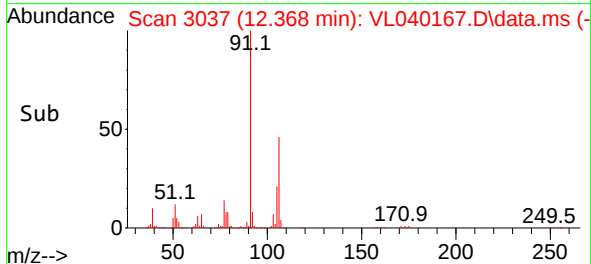
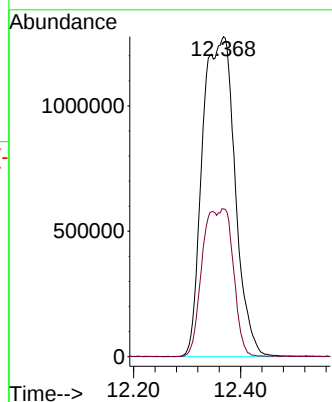
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 537383
Ion Ratio Lower Upper
91 100
106 44.0 34.2 51.4

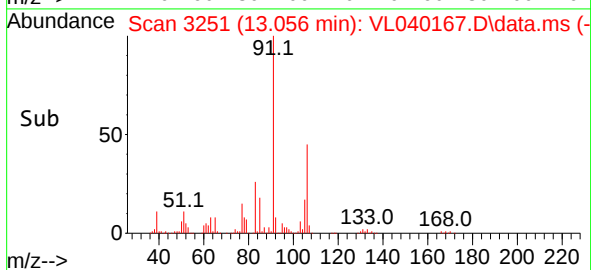
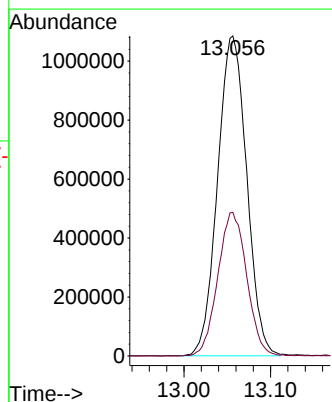
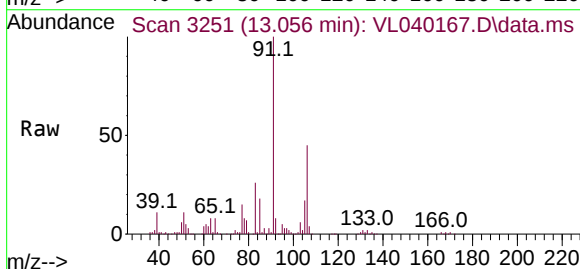
Manual Integrations
APPROVED

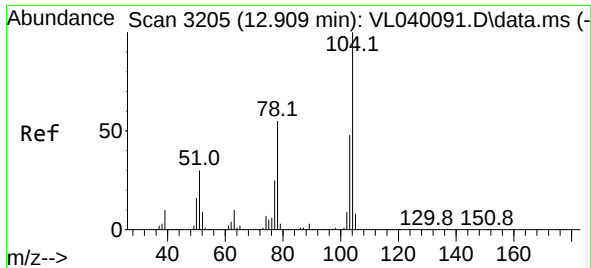
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#60
o-Xylene
Concen: 11.081 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

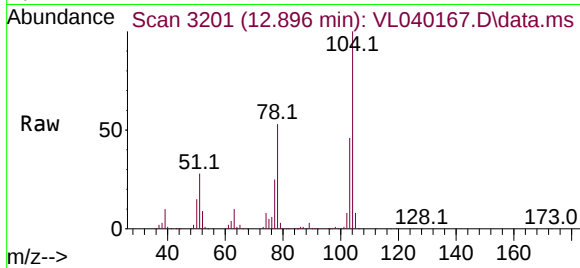
Tgt Ion: 91 Resp: 2534243
Ion Ratio Lower Upper
91 100
106 44.8 21.6 64.8





#61
Styrene
Concen: 12.797 ppbv
RT: 12.896 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

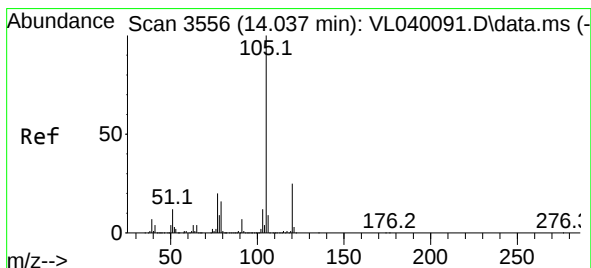
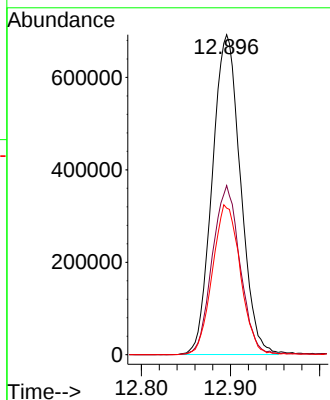
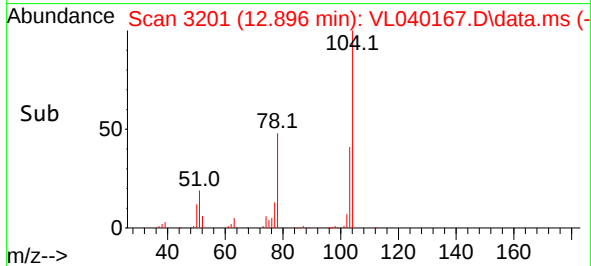
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



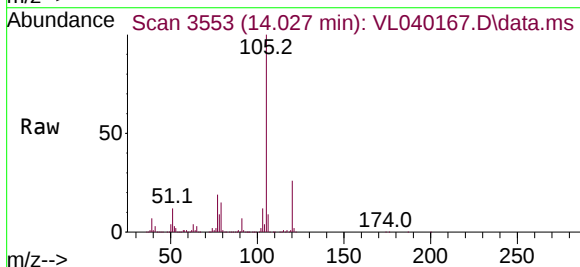
Tgt Ion:104 Resp: 152501
Ion Ratio Lower Upper
104 100
78 52.3 44.0 66.0
103 46.8 37.8 56.6

Manual Integrations
APPROVED

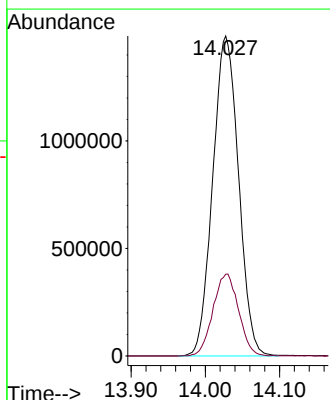
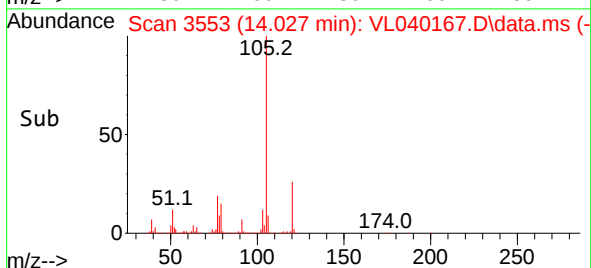
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

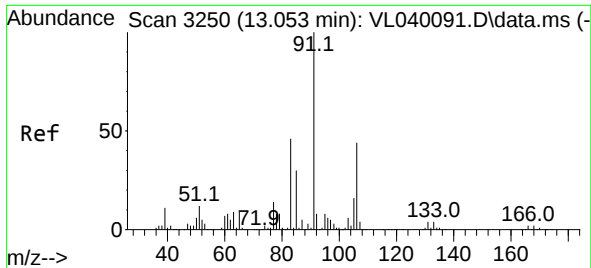


#62
Isopropylbenzene
Concen: 10.921 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48



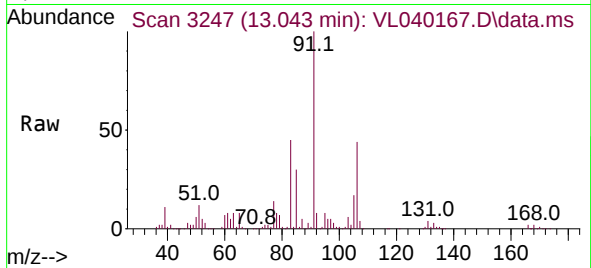
Tgt Ion:105 Resp: 3592517
Ion Ratio Lower Upper
105 100
120 25.4 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.153 ppbv
RT: 13.043 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

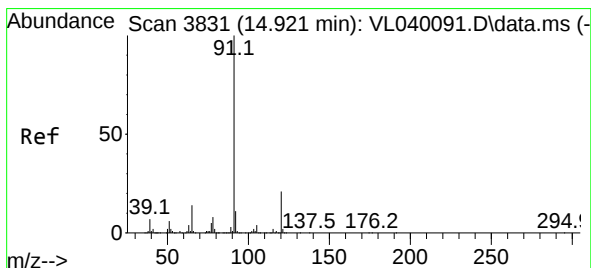
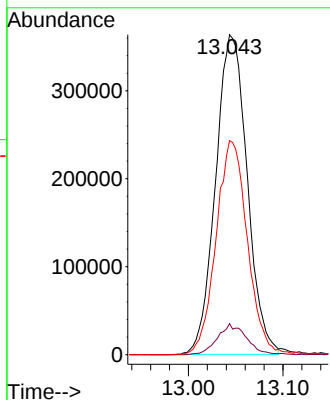
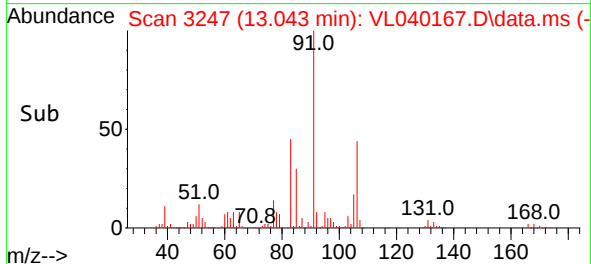
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



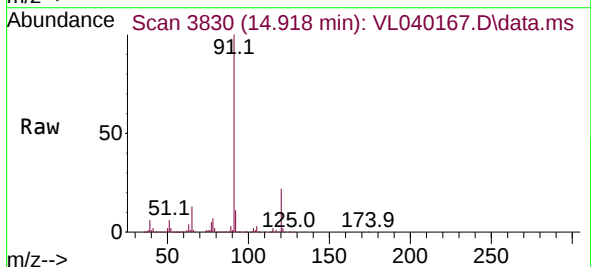
Tgt Ion: 83 Resp: 843095
Ion Ratio Lower Upper
83 100
131 8.9 4.3 13.1
85 66.5 32.5 97.5

Manual Integrations
APPROVED

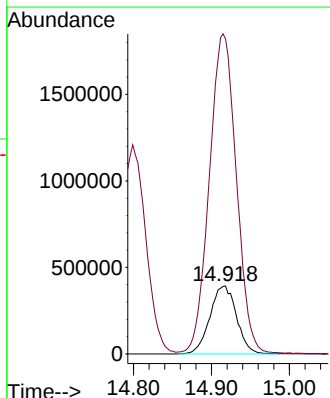
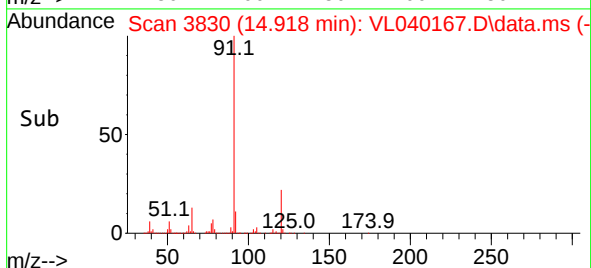
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

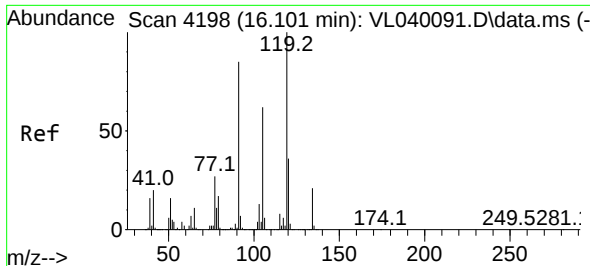


#64
n-propylbenzene
Concen: 11.378 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.006 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48



Tgt Ion:120 Resp: 930423
Ion Ratio Lower Upper
120 100
91 481.2 397.0 595.4





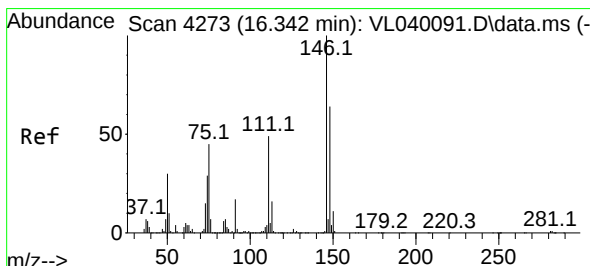
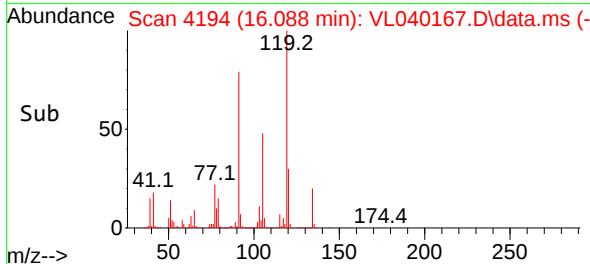
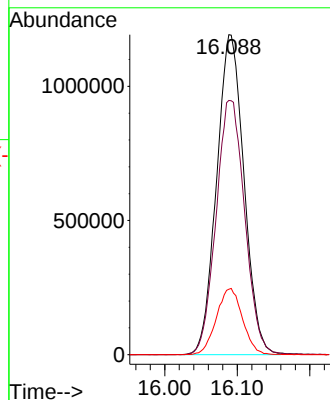
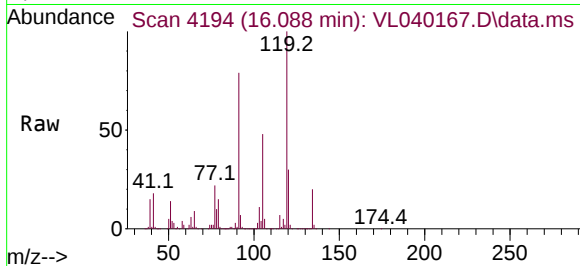
#65
tert-Butylbenzene
Concen: 11.104 ppbv
RT: 16.088 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 119 Resp: 3127149
Ion Ratio Lower Upper
119 100
91 83.2 69.5 104.3
134 19.8 15.8 23.8

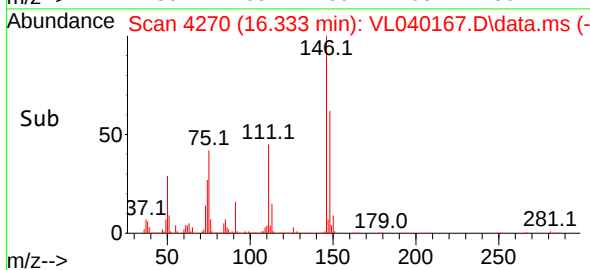
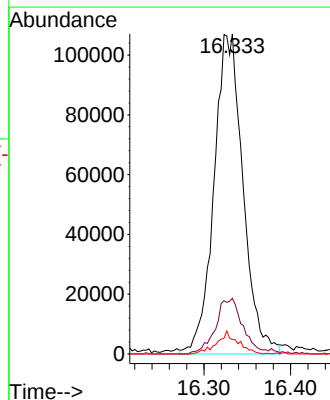
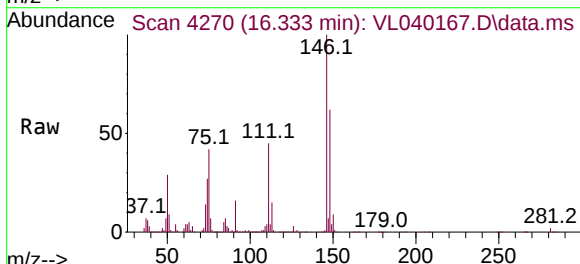
Manual Integrations
APPROVED

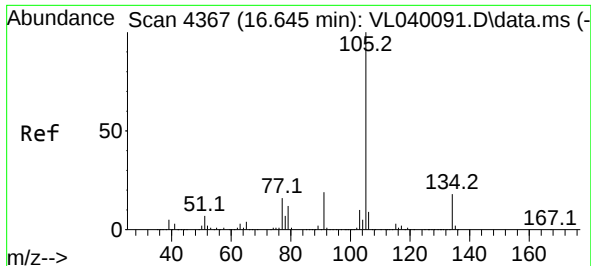
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#66
Benzyl Chloride
Concen: 12.973 ppbv m
RT: 16.333 min Scan# 4270
Delta R.T. 0.010 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

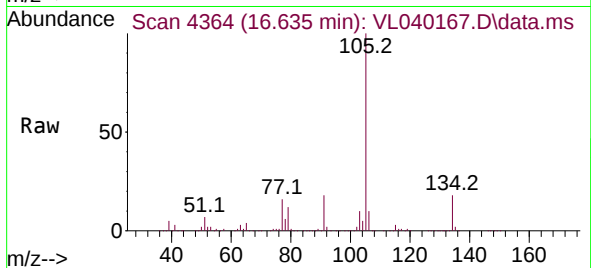
Tgt Ion: 91 Resp: 249691
Ion Ratio Lower Upper
91 100
126 0.0 11.5 17.3#
128 5.2 0.0 0.0#





#67
 sec-Butylbenzene
 Concen: 10.986 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040167.D
 Acq: 14 Feb 2023 8:48

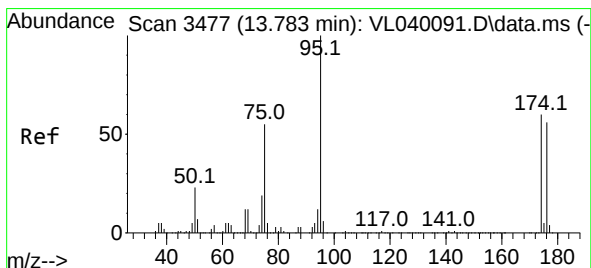
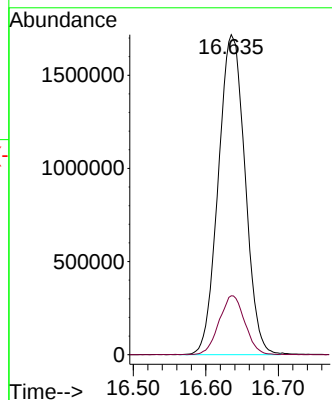
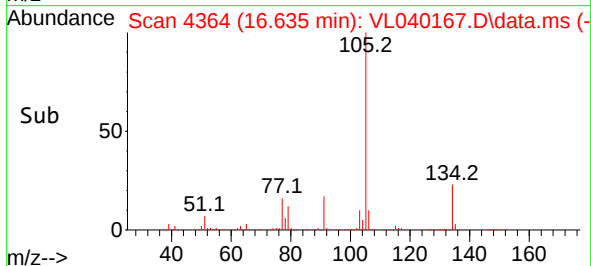
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



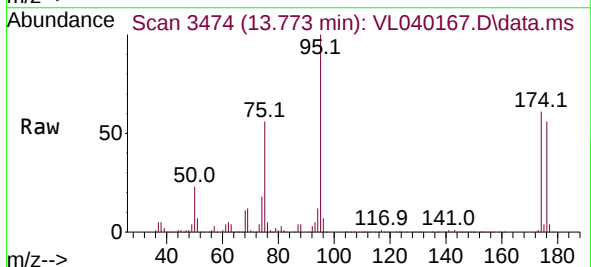
Tgt Ion:105 Resp: 438639
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.1 21.1

Manual Integrations
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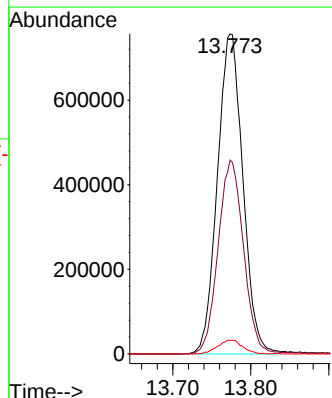
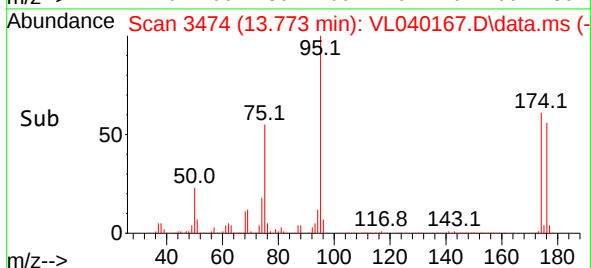
Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

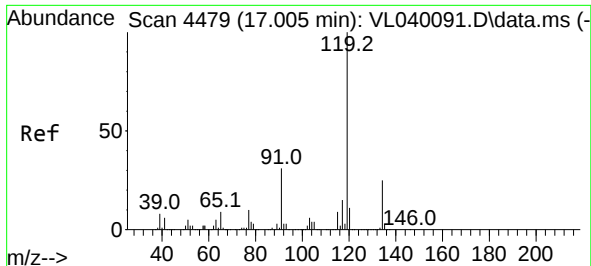


#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.611 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.003 min
 Lab File: VL040167.D
 Acq: 14 Feb 2023 8:48



Tgt Ion: 95 Resp: 1718582
 Ion Ratio Lower Upper
 95 100
 174 60.7 47.7 71.5
 175 4.3 3.4 5.2





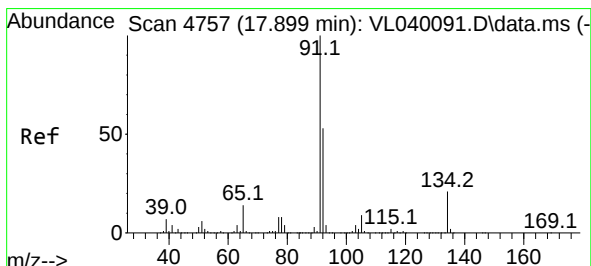
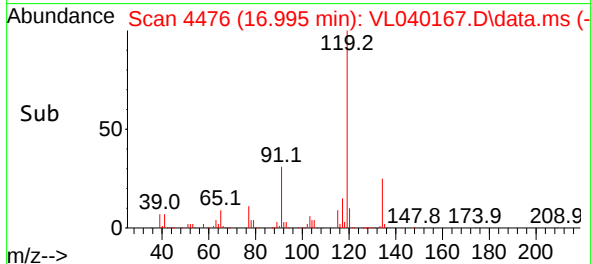
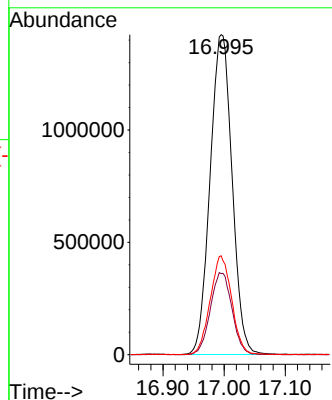
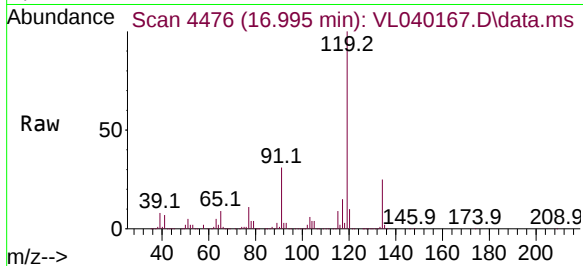
#69
p-Isopropyltoluene
Concen: 11.367 ppbv
RT: 16.995 min Scan# 4479
Delta R.T. 0.006 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 356649
Ion Ratio Lower Upper
119 100
134 25.3 20.1 30.1
91 30.1 25.0 37.4

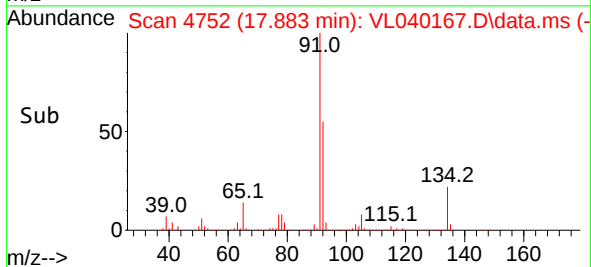
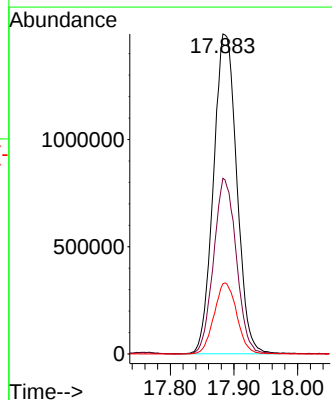
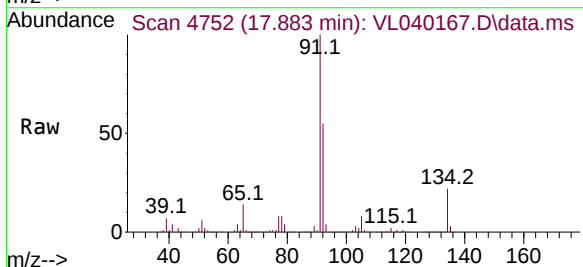
Manual Integrations
APPROVED

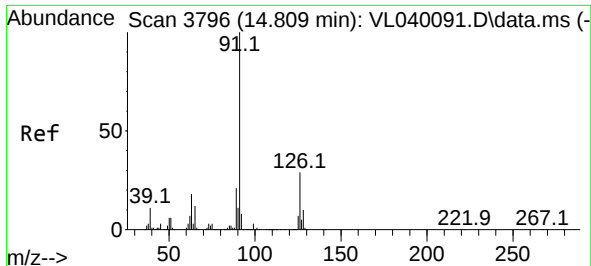
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#70
n-Butylbenzene
Concen: 11.206 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. -0.000 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

Tgt Ion: 91 Resp: 3791650
Ion Ratio Lower Upper
91 100
92 53.5 42.8 64.2
134 21.7 16.9 25.3





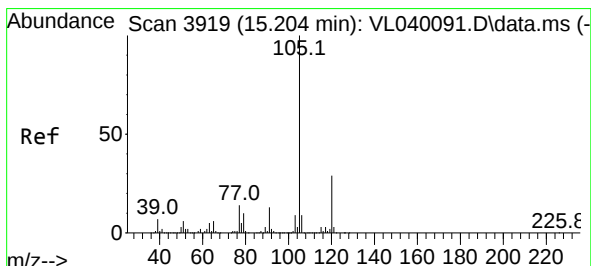
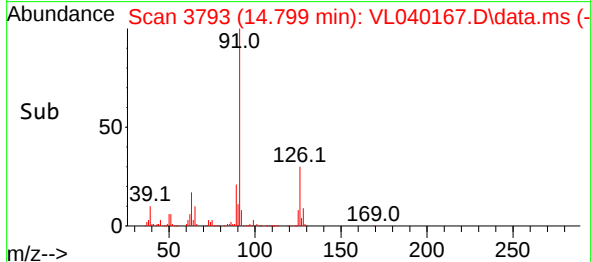
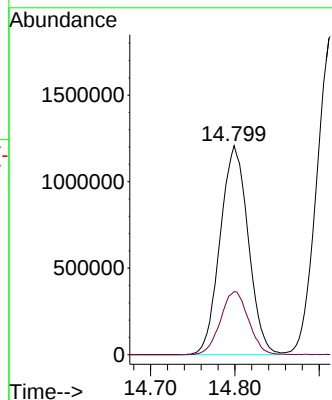
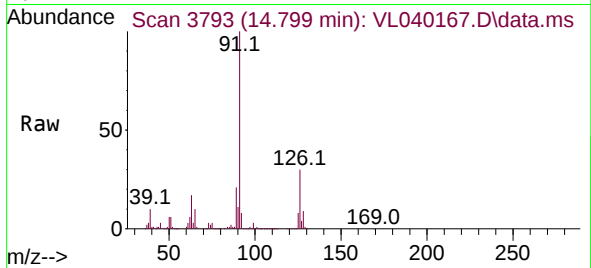
#71
2-Chlorotoluene
Concen: 11.048 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 279520
Ion Ratio Lower Upper
91 100
126 30.3 11.9 47.5

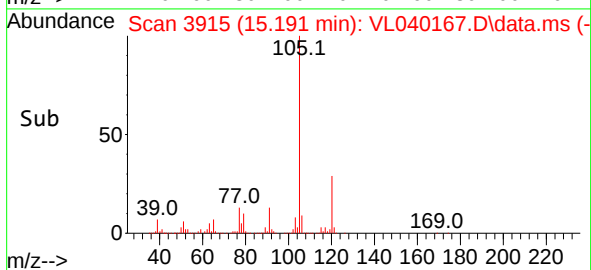
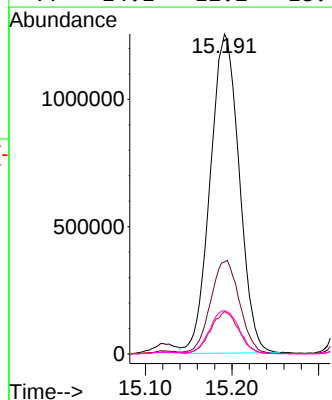
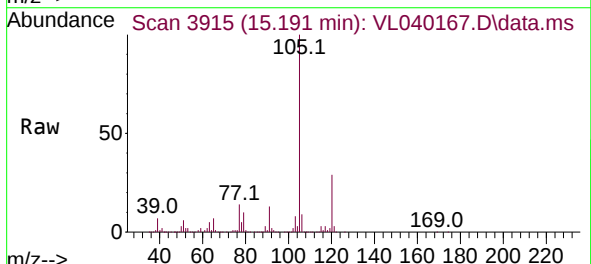
Manual Integrations
APPROVED

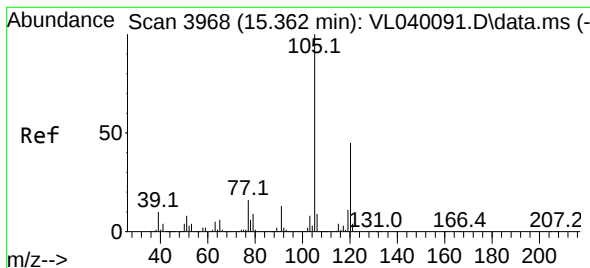
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#72
4-Ethyltoluene
Concen: 11.486 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

Tgt Ion:105 Resp: 2914993
Ion Ratio Lower Upper
105 100
120 30.5 23.1 34.7
91 12.7 11.2 16.8
77 14.1 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 11.297 ppbv

RT: 15.349 min Scan# 3968

Delta R.T. -0.000 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 2581239

Ion Ratio Lower Upper

105 100

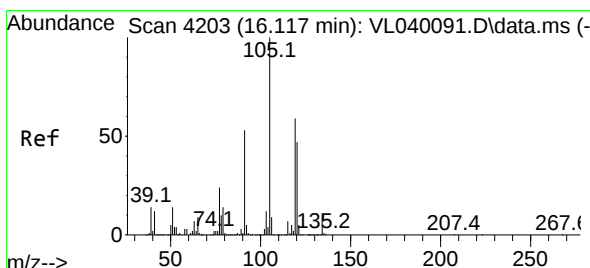
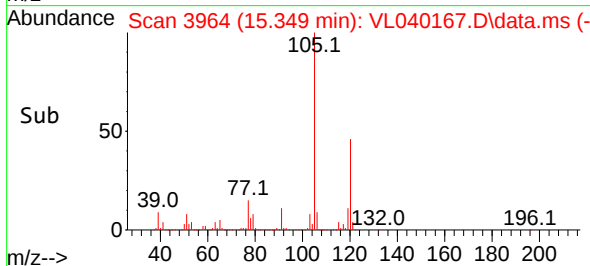
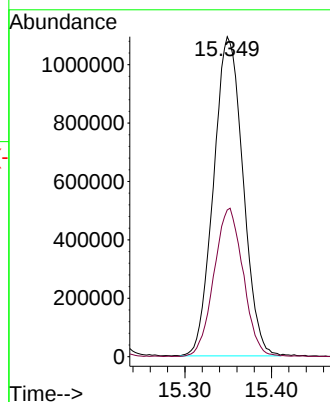
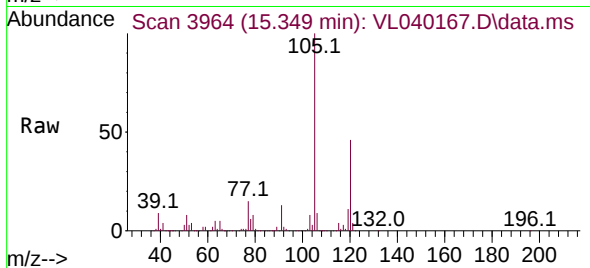
120 45.9 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.981 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. 0.006 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

Tgt Ion:105 Resp: 2779363

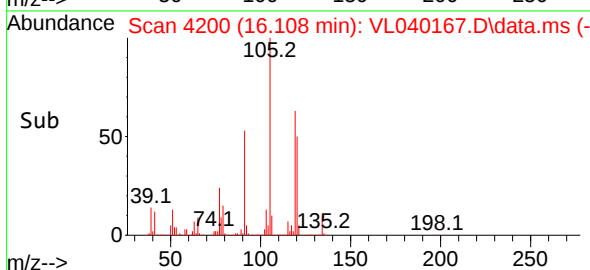
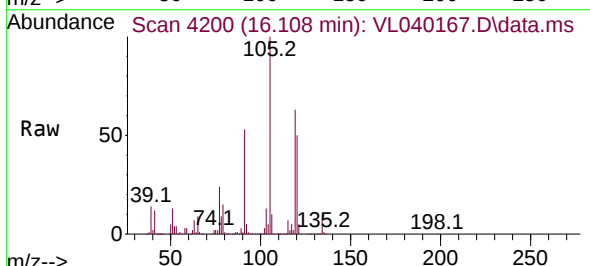
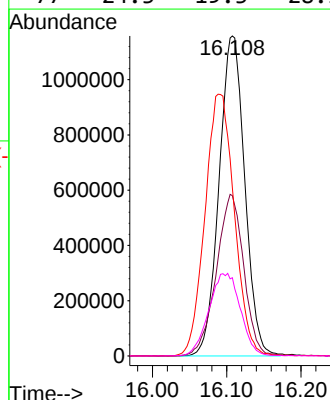
Ion Ratio Lower Upper

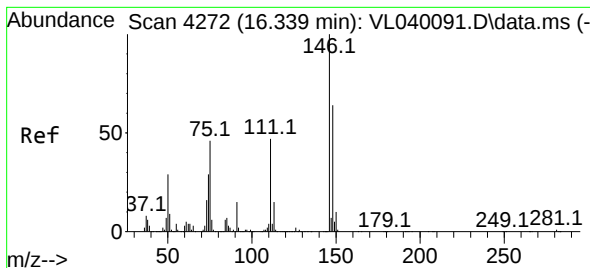
105 100

120 50.0 38.0 57.0

91 52.3 42.1 63.1

77 24.3 19.3 28.9





#75

1,3-Dichlorobenzene

Concen: 11.155 ppbv

RT: 16.333 min Scan# 4314

Delta R.T. 0.006 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 156814

Ion Ratio Lower Upper

146 100

111 47.6 24.3 73.0

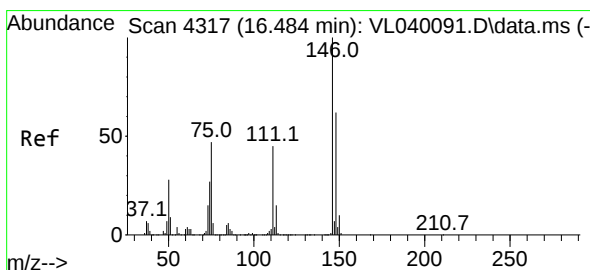
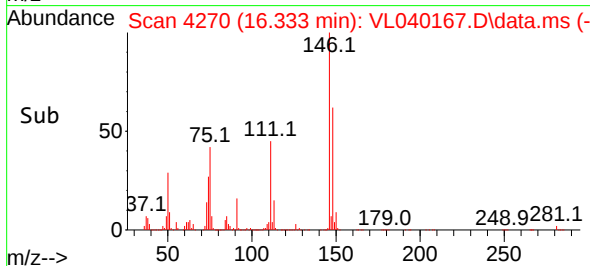
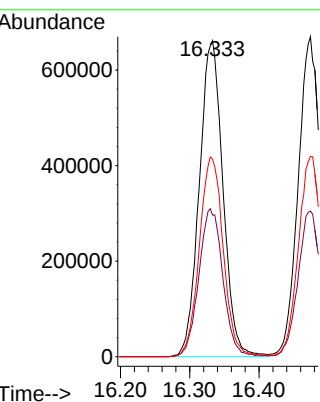
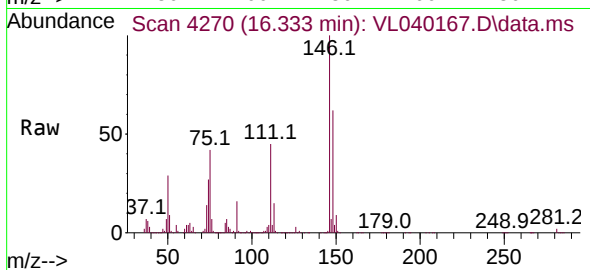
148 64.0 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#76

1,4-Dichlorobenzene

Concen: 11.138 ppbv

RT: 16.474 min Scan# 4314

Delta R.T. 0.006 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

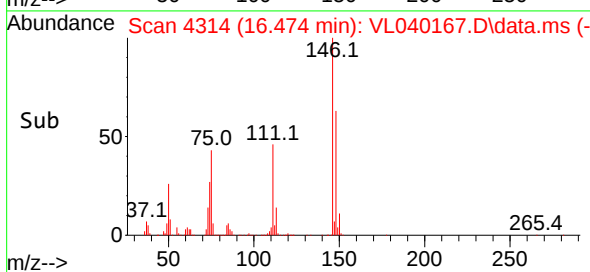
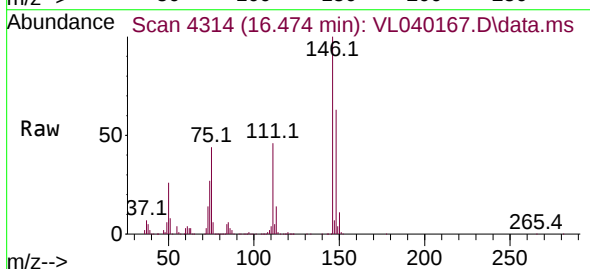
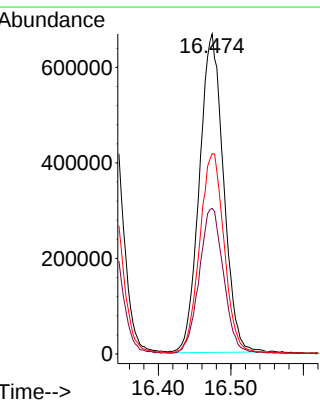
Tgt Ion:146 Resp: 1539474

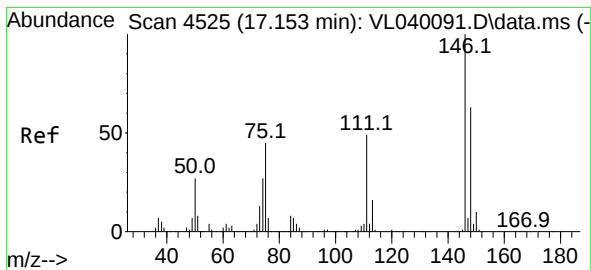
Ion Ratio Lower Upper

146 100

111 46.5 23.8 71.2

148 64.0 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 10.981 ppbv

RT: 17.140 min Scan# 4521

Delta R.T. 0.003 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 1476219

Ion Ratio Lower Upper

146 100

111 49.7 25.1 75.2

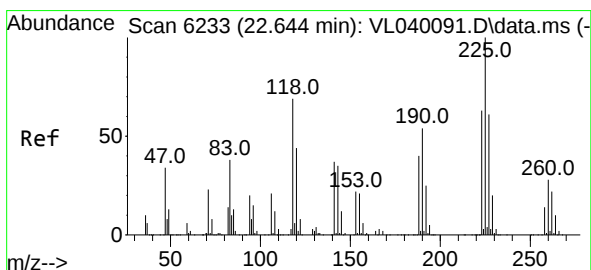
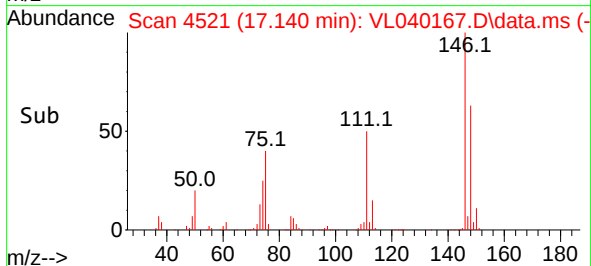
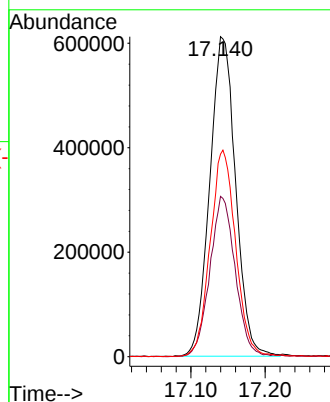
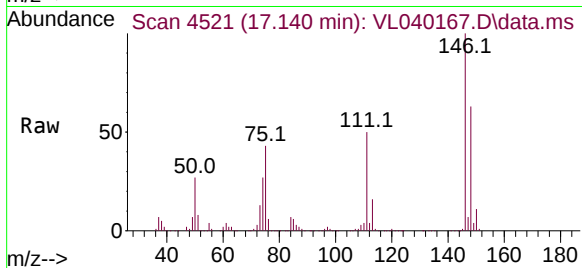
148 64.0 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#78

Hexachloro-1,3-Butadiene

Concen: 9.903 ppbv

RT: 22.635 min Scan# 6230

Delta R.T. 0.003 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

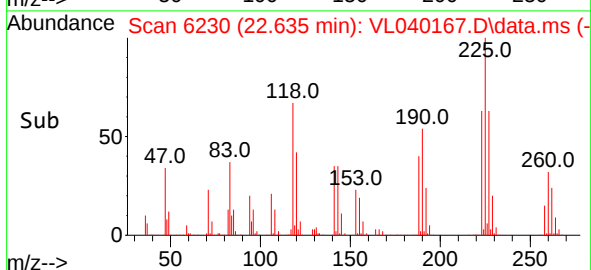
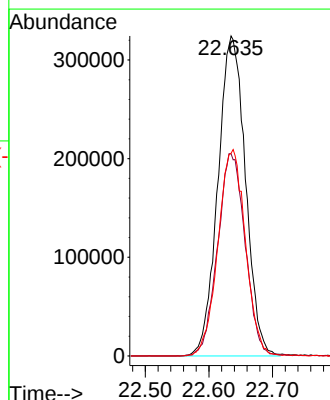
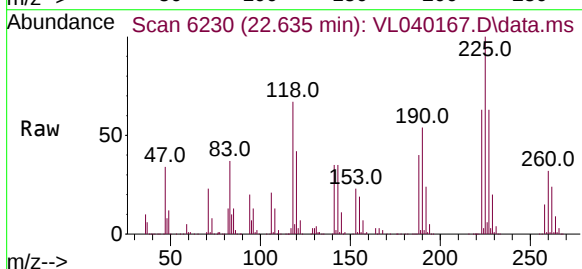
Tgt Ion:225 Resp: 975158

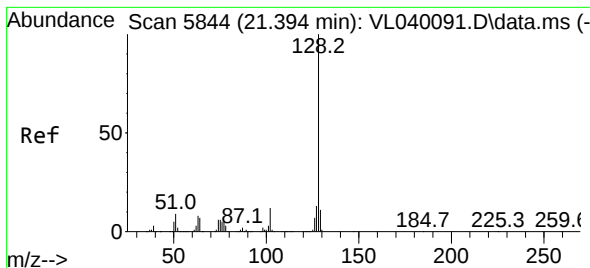
Ion Ratio Lower Upper

225 100

223 63.5 51.5 77.3

227 64.4 50.6 76.0





#79

Naphthalene

Concen: 14.486 ppbv

RT: 21.387 min Scan# 5842

Delta R.T. 0.010 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 2100419

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

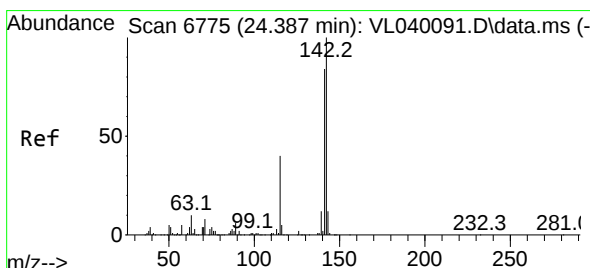
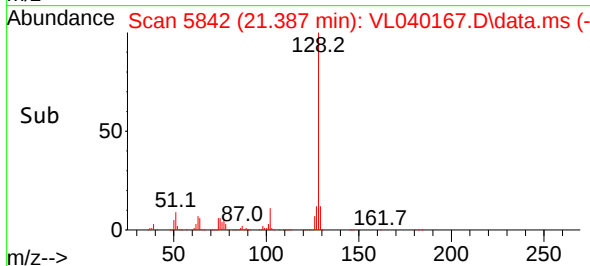
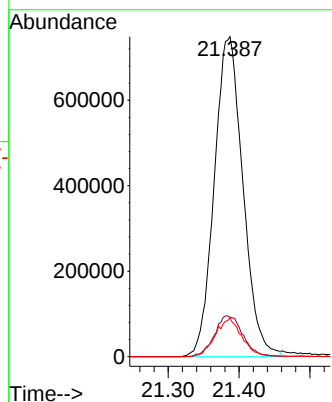
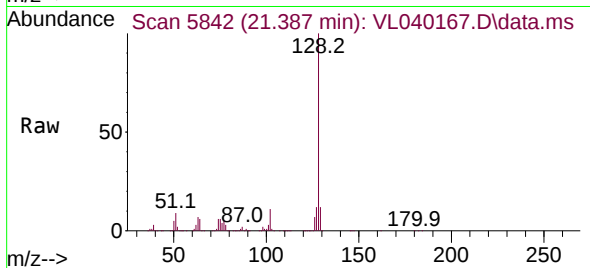
129 12.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#80

Naphthalene,2-methyl-

Concen: 16.085 ppbv

RT: 24.377 min Scan# 6772

Delta R.T. 0.003 min

Lab File: VL040167.D

Acq: 14 Feb 2023 8:48

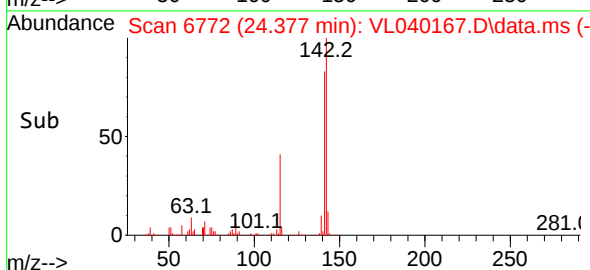
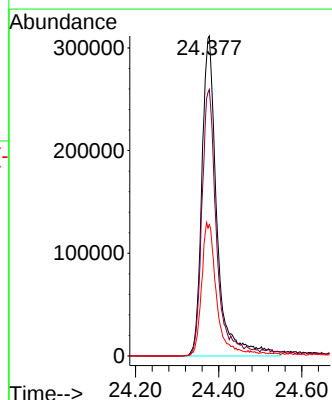
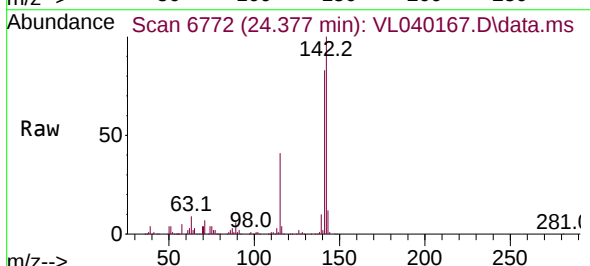
Tgt Ion:142 Resp: 785881

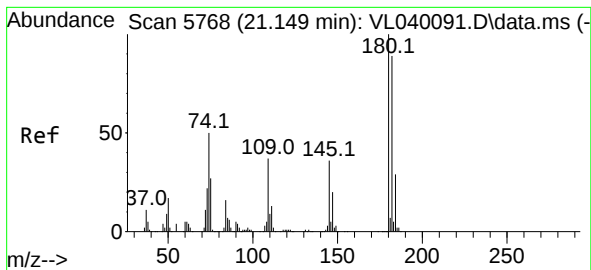
Ion Ratio Lower Upper

142 100

141 81.6 65.0 97.6

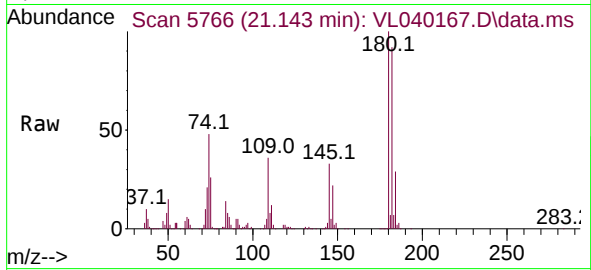
115 43.0 31.8 47.8





#81
1,2,4-Trichlorobenzene
Concen: 12.166 ppbv
RT: 21.143 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL040167.D
Acq: 14 Feb 2023 8:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 108725
Ion Ratio Lower Upper
180 100
182 96.6 78.6 117.8
184 30.7 25.1 37.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

