

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040071.D
 Acq On : 9 Jan 2023 11:46
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/11/2023
 Supervised By : Mahesh Dadoda 01/11/2023

Quant Time: Jan 09 21:17:53 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

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

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1086136	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.651	114	3165216	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.474	117	3074334	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2332126	9.931	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	1438909m	7.077	ppbv	
3) Chlorodifluoromethane	2.658	51	1332899	8.317	ppbv	98
4) Chloromethane	2.796	50	880896	8.773	ppbv	100
5) Vinyl Chloride	2.906	62	731600	9.005	ppbv	99
6) Bromomethane	3.105	94	234178	7.845	ppbv	94
7) Chloroethane	3.185	64	273827	8.933	ppbv	98
8) Dichlorotetrafluoroethane	2.841	85	1687734	7.890	ppbv	100
9) Propene	2.677	41	620381	9.122	ppbv	100
10) Heptane	7.581	43	1492624	8.992	ppbv	100
11) Trichlorofluoromethane	3.552	101	1739020	7.872	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.057	101	1326467	7.928	ppbv	98
13) Ethanol	3.227	45	55026m	8.597	ppbv	
14) Bromoethene	3.356	108	548636	8.708	ppbv	98
15) Acetone	3.455	43	1331121	7.922	ppbv	98
16) 1,3-Butadiene	2.970	39	681743	9.335	ppbv	98
17) tert-Butyl alcohol	3.867	59	1429221	8.628	ppbv	99
18) 1,1-Dichloroethene	3.870	96	601350	8.257	ppbv	96
19) Isopropyl Alcohol	3.562	45	713751m	8.620	ppbv	
20) Methylene Chloride	3.922	84	536704	7.515	ppbv	97
21) Allyl Chloride	3.986	41	994503	9.850	ppbv	95
22) trans-1,2-Dichloroethene	4.436	96	625785	8.621	ppbv	96
23) Vinyl Acetate	4.616	43	540477	10.147	ppbv	99
24) 1,1-Dichloroethane	4.558	63	1302739	8.328	ppbv	99
25) Ethyl Acetate	5.198	43	2473165	8.499	ppbv	99
26) Hexane	5.208	57	1068496	8.737	ppbv	97
27) Carbon Disulfide	4.115	76	1630624	10.571	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	1242011	8.617	ppbv	99
29) Chloroform	5.269	83	1505302	8.066	ppbv	98
30) Cyclohexane	6.600	84	1005532	9.284	ppbv	97
31) cis-1,2-Dichloroethene	5.073	61	1016872	8.731	ppbv	99
32) 1,1,1-Trichloroethane	5.999	97	1810807	9.063	ppbv	99
34) 2-Butanone	4.777	43	1492123	8.690	ppbv	99
35) Carbon Tetrachloride	6.491	117	1901455	9.672	ppbv	99
36) Benzene	6.369	78	2476018	8.759	ppbv	97
37) 1,2-Dichloroethane	5.803	62	1372460	8.276	ppbv	100
38) Trichloroethene	7.291	130	1425128	9.810	ppbv	94
39) 1,2-Dichloropropane	7.076	63	939599	8.868	ppbv	97
40) 1,4-Dioxane	7.285	88	406475	8.511	ppbv	94
41) Tetrahydrofuran	5.552	42	992460	9.260	ppbv	98
42) Bromodichloromethane	7.250	83	2065043	9.090	ppbv	99
43) Methyl Methacrylate	7.475	69	998289	9.410	ppbv	100
44) 2,2,4-Trimethylpentane	7.327	57	4052749	8.709	ppbv	99
45) t-1,3-Dichloropropene	8.712	75	996060	11.108	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040071.D
 Acq On : 9 Jan 2023 11:46
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 09 21:17:53 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

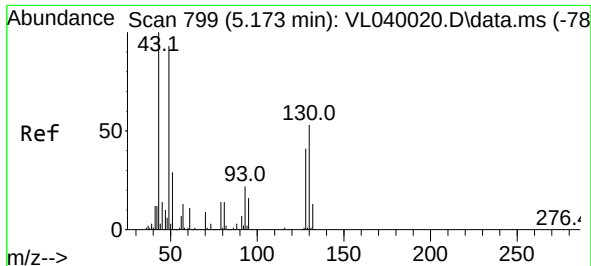
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

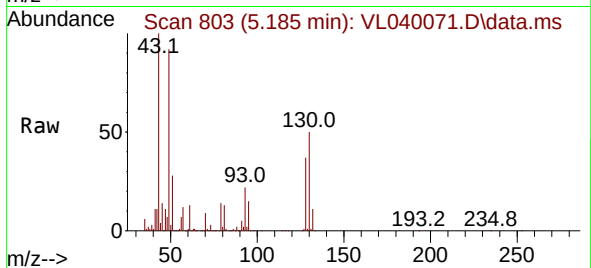
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	1325358	10.480	ppbv	98
47) 1,1,2-Trichloroethane	8.902	97	988554	8.519	ppbv	96
48) Dibromochloromethane	9.716	129	1711380	9.698	ppbv	100
49) Bromoform	12.417	173	1301700	9.669	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2491513	8.882	ppbv	99
51) 2-Hexanone	9.555	43	1942129	8.900	ppbv #	99
52) Tetrachloroethene	10.622	164	839549	8.735	ppbv	96
53) Toluene	9.224	91	2812322	8.986	ppbv	100
54) 1,2-Dibromoethane	10.011	107	1126574	9.016	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.516	131	1169627	8.248	ppbv	96
57) Chlorobenzene	11.536	112	2082501	7.980	ppbv	98
58) Ethyl Benzene	12.095	91	3650119	8.356	ppbv	96
59) m/p-Xylene	12.378	91	6056481m	15.916	ppbv	
60) o-Xylene	13.063	91	2863976	7.856	ppbv	100
61) Styrene	12.905	104	1743324	8.916	ppbv	98
62) Isopropylbenzene	14.037	105	4026663	7.661	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	938118m	7.019	ppbv	
64) n-propylbenzene	14.928	120	1042445	7.852	ppbv	95
65) tert-Butylbenzene	16.101	119	3412974	7.472	ppbv	98
66) Benzyl Chloride	16.336	91	299676	11.251	ppbv	96
67) sec-Butylbenzene	16.645	105	4772956	7.457	ppbv	100
69) p-Isopropyltoluene	17.005	119	3886479	7.601	ppbv	99
70) n-Butylbenzene	17.895	91	4004114	7.475	ppbv	100
71) 2-Chlorotoluene	14.809	91	2994505	7.467	ppbv	99
72) 4-Ethyltoluene	15.201	105	3178388	7.852	ppbv	99
73) 1,3,5-Trimethylbenzene	15.359	105	2800924	7.673	ppbv	100
74) 1,2,4-Trimethylbenzene	16.117	105	2975935	7.395	ppbv	97
75) 1,3-Dichlorobenzene	16.339	146	1686416	7.659	ppbv	100
76) 1,4-Dichlorobenzene	16.484	146	1649719	7.674	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1635516	7.745	ppbv	99
78) Hexachloro-1,3-Butadiene	22.644	225	1177922	8.041	ppbv #	100
79) Naphthalene	21.397	128	2563807	10.693	ppbv	99
80) Naphthalene,2-methyl-	24.390	142	631419	8.607	ppbv	97
81) 1,2,4-Trichlorobenzene	21.149	180	1294710	9.091	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.012 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

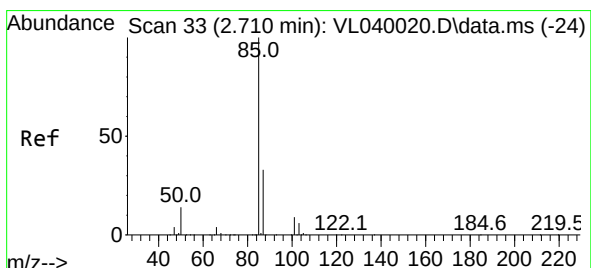
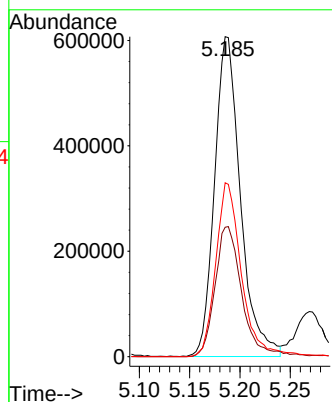
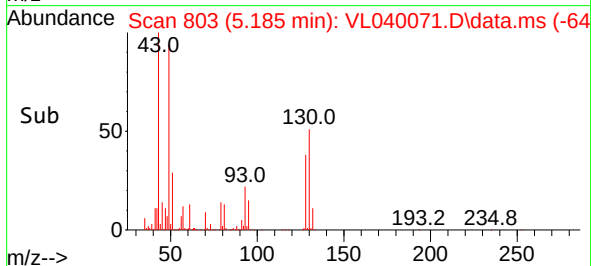
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



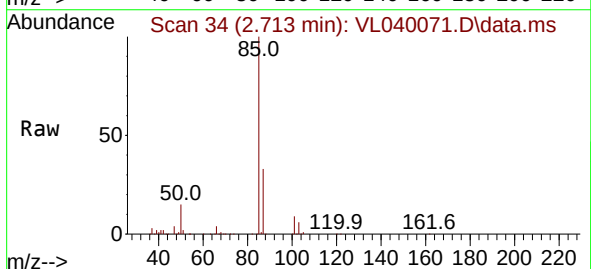
Tgt Ion: 49 Resp: 1086130
Ion Ratio Lower Upper
49 100
128 42.7 22.4 67.3
130 54.7 28.9 86.8

Manual Integrations
APPROVED

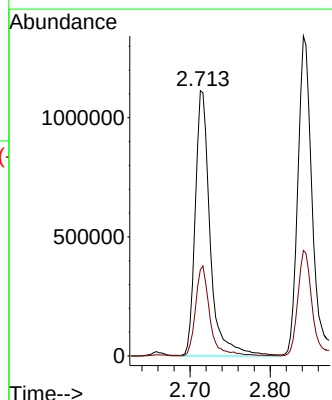
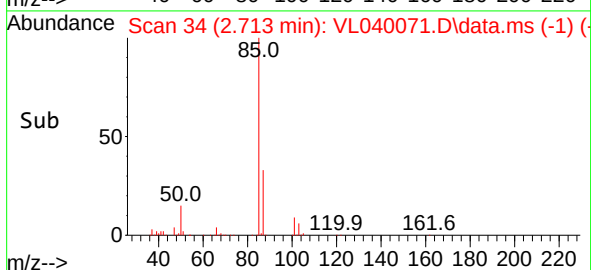
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

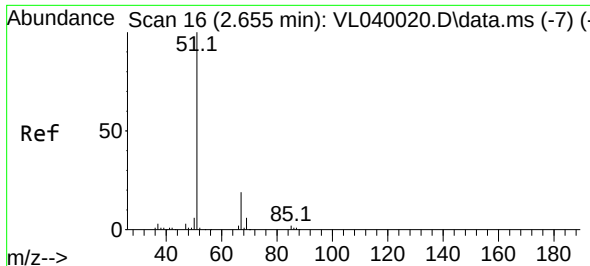


#2
Dichlorodifluoromethane
Concen: 7.077 ppbv m
RT: 2.713 min Scan# 34
Delta R.T. 0.003 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46



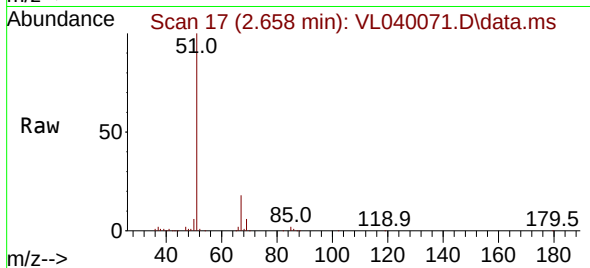
Tgt Ion: 85 Resp: 1438909
Ion Ratio Lower Upper
85 100
87 32.6 26.6 40.0





#3
Chlorodifluoromethane
Concen: 8.317 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

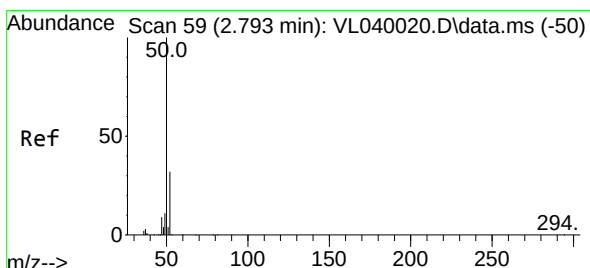
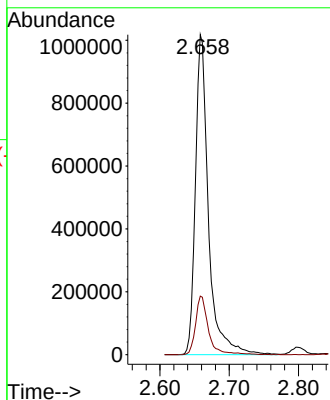
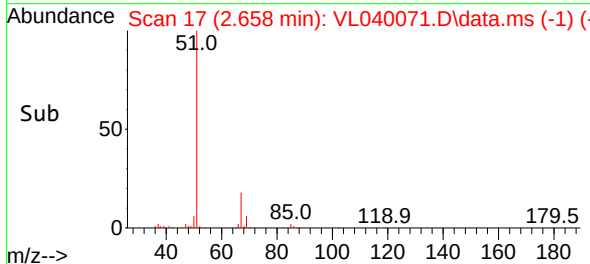
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



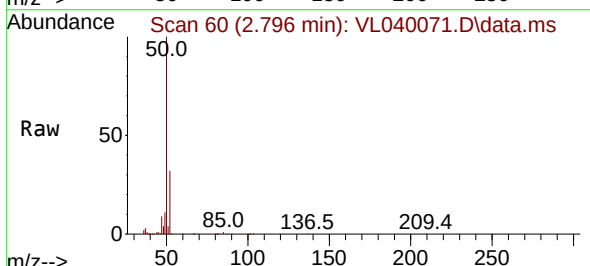
Tgt Ion: 51 Resp: 133289
Ion Ratio Lower Upper
51 100
67 18.1 15.3 22.9

Manual Integrations
APPROVED

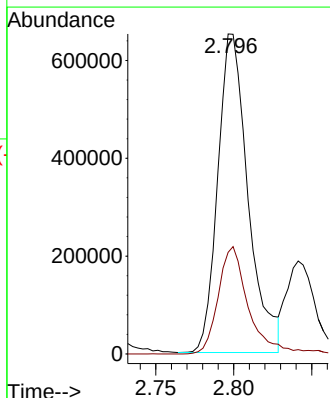
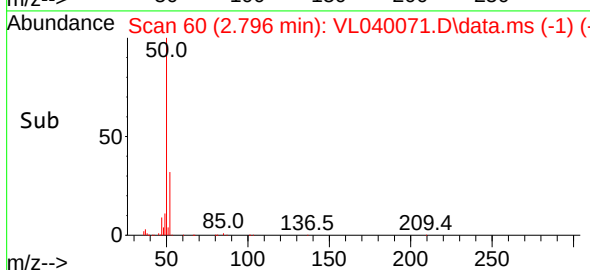
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

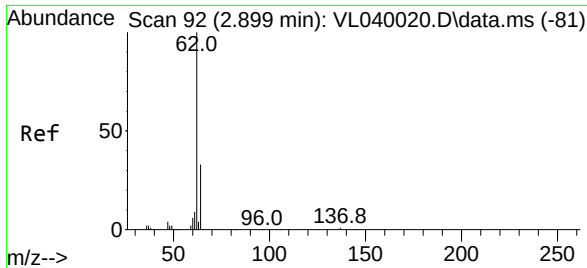


#4
Chloromethane
Concen: 8.773 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46



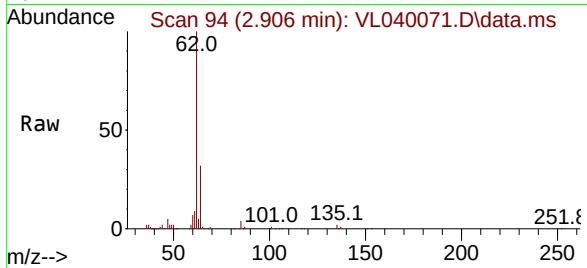
Tgt Ion: 50 Resp: 880896
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3





#5
 Vinyl Chloride
 Concen: 9.005 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46

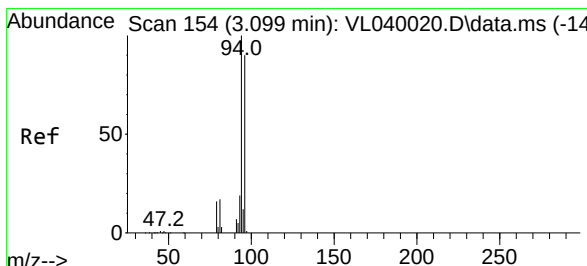
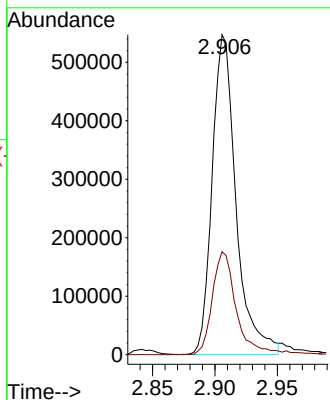
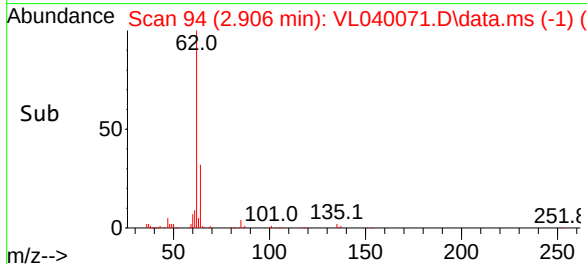
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



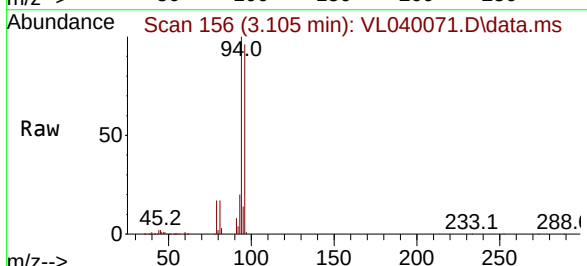
Tgt Ion: 62 Resp: 731600
 Ion Ratio Lower Upper
 62 100
 64 32.2 26.1 39.1

Manual Integrations
 APPROVED

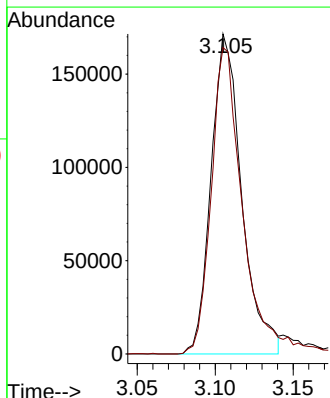
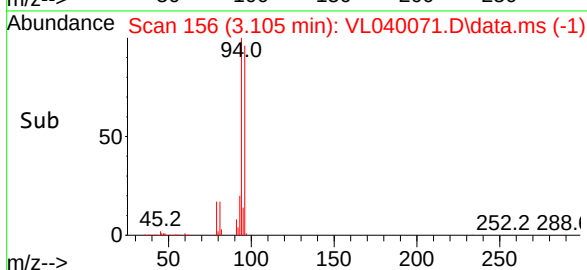
Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

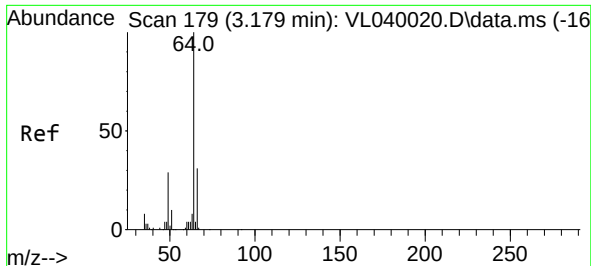


#6
 Bromomethane
 Concen: 7.845 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.006 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46



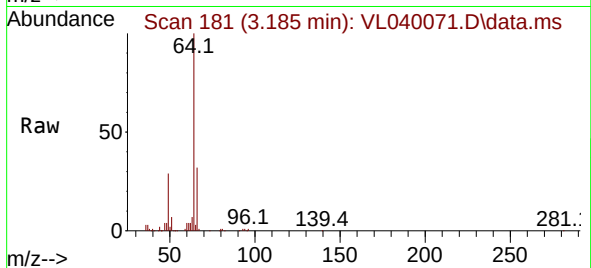
Tgt Ion: 94 Resp: 234178
 Ion Ratio Lower Upper
 94 100
 96 95.7 72.0 108.0





#7
Chloroethane
Concen: 8.933 ppbv
RT: 3.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

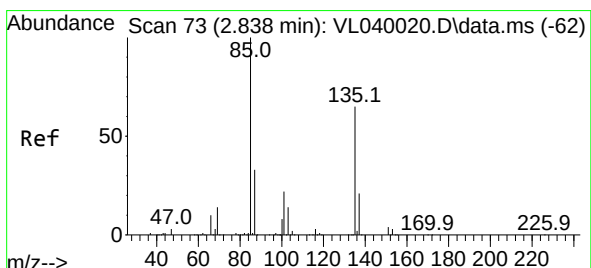
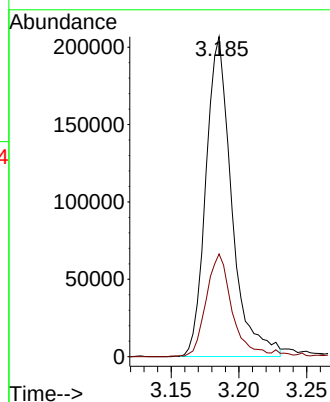
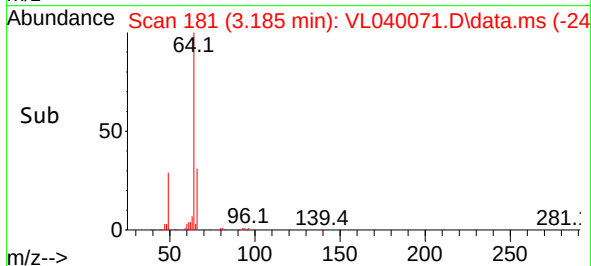
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 27382
Ion Ratio Lower Upper
64 100
66 32.1 24.6 37.0

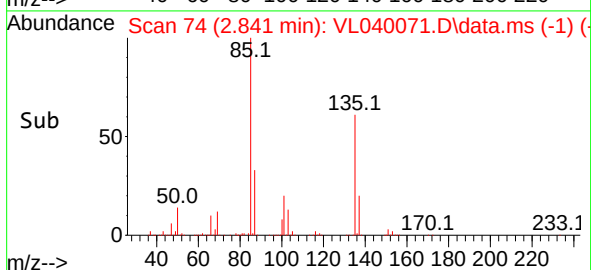
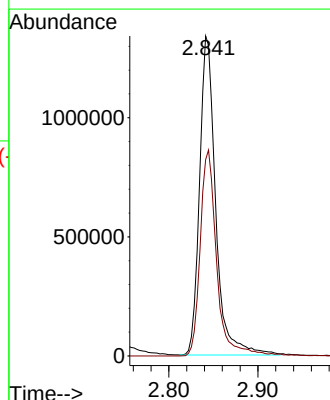
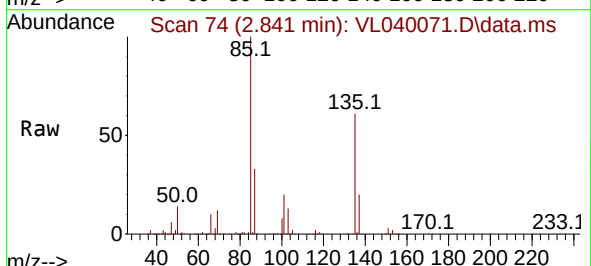
Manual Integrations
APPROVED

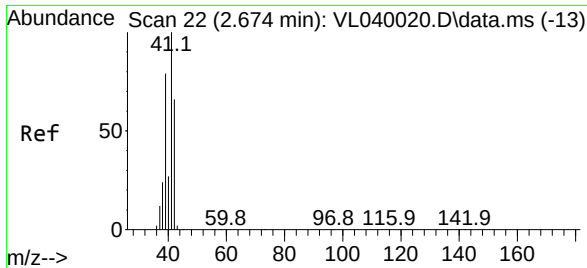
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#8
Dichlorotetrafluoroethane
Concen: 7.890 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.003 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

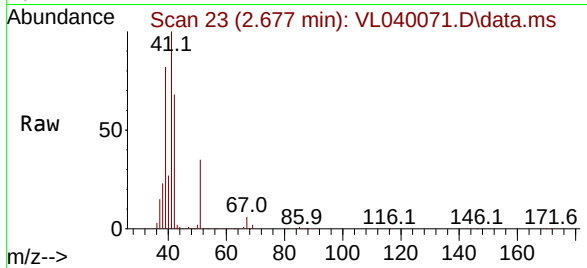
Tgt Ion: 85 Resp: 1687734
Ion Ratio Lower Upper
85 100
135 66.3 53.2 79.8





#9
 Propene
 Concen: 9.122 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46

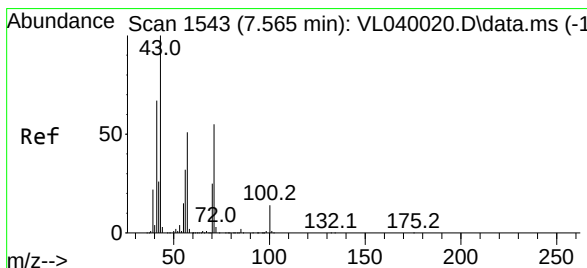
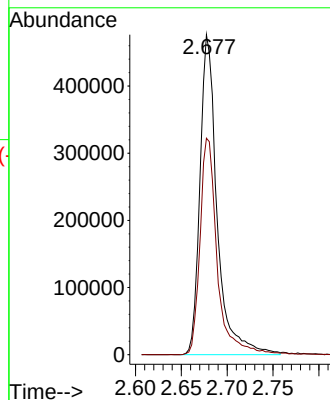
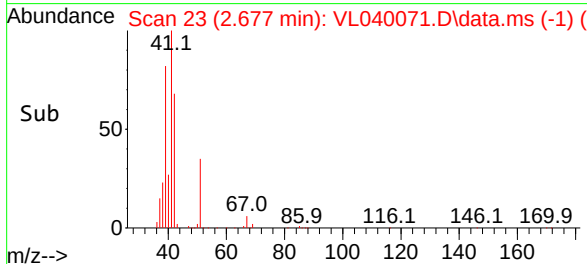
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



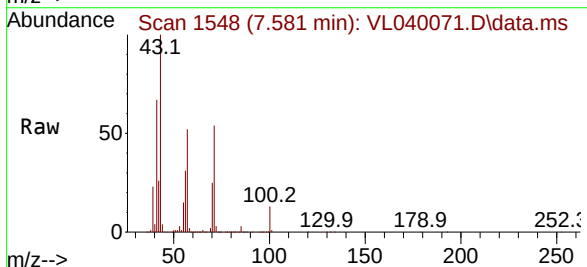
Tgt Ion: 41 Resp: 62038
 Ion Ratio Lower Upper
 41 100
 42 68.3 54.8 82.2

Manual Integrations
 APPROVED

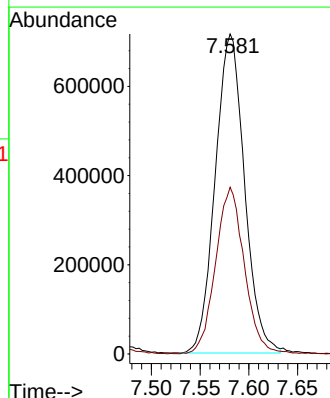
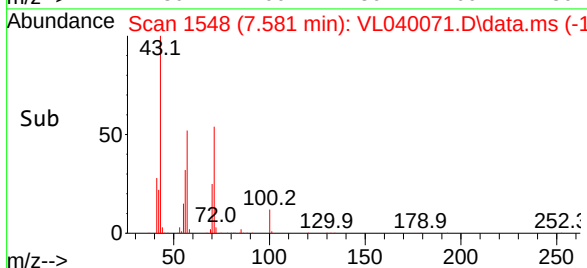
Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

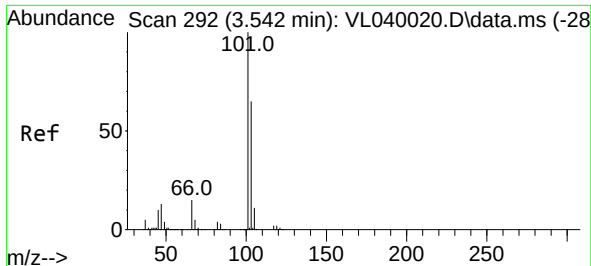


#10
 Heptane
 Concen: 8.992 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.016 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46



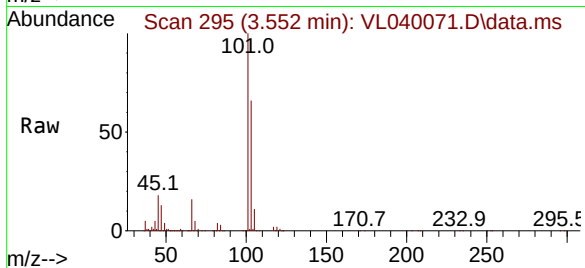
Tgt Ion: 43 Resp: 1492624
 Ion Ratio Lower Upper
 43 100
 57 51.6 41.2 61.8





#11
 Trichlorofluoromethane
 Concen: 7.872 ppbv
 RT: 3.552 min Scan# 292
 Delta R.T. 0.010 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46

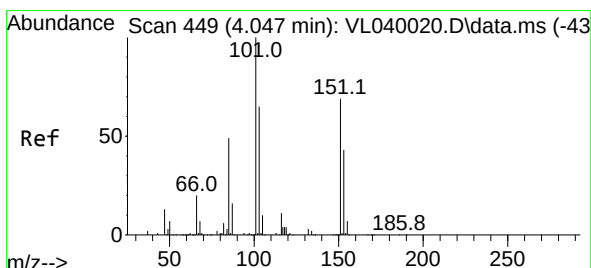
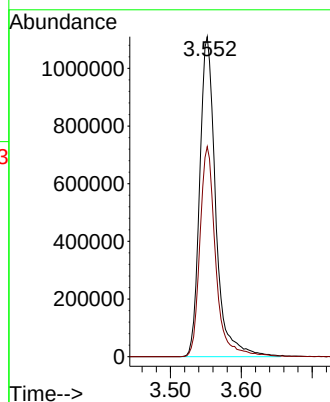
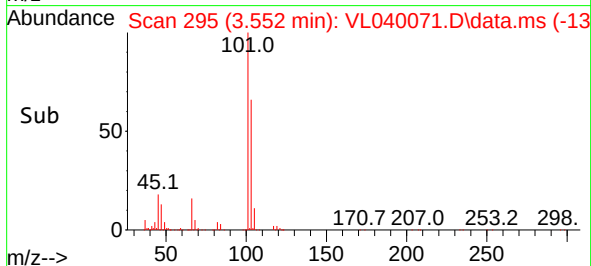
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



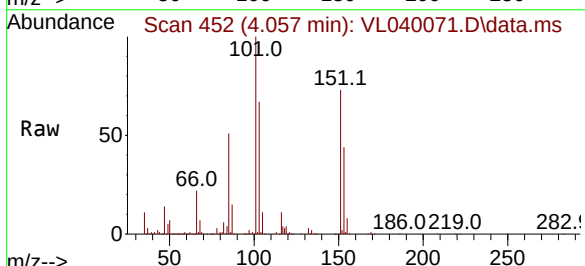
Tgt Ion:101 Resp: 1739020
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.7 77.5

Manual Integrations
 APPROVED

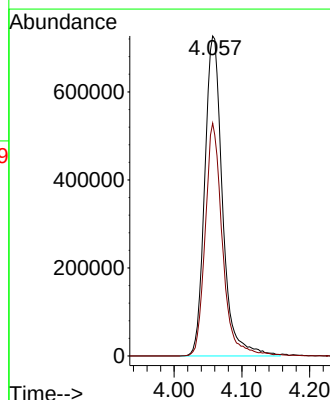
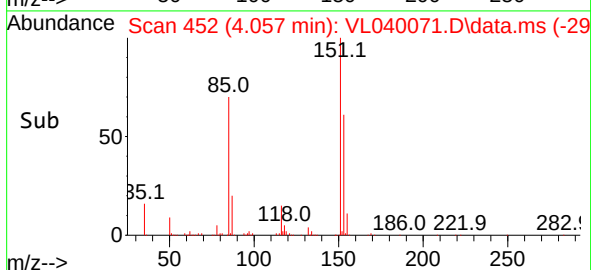
Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

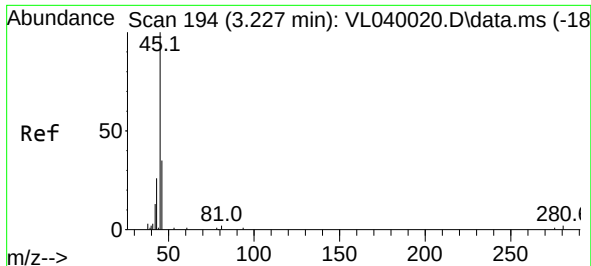


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.928 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.010 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46



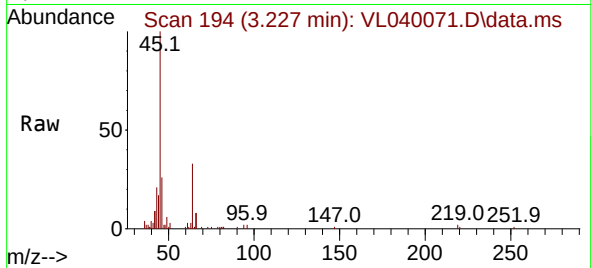
Tgt Ion:101 Resp: 1326467
 Ion Ratio Lower Upper
 101 100
 151 70.6 55.0 82.4





#13
Ethanol
Concen: 8.597 ppbv m
RT: 3.227 min Scan# 194
Delta R.T. -0.000 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

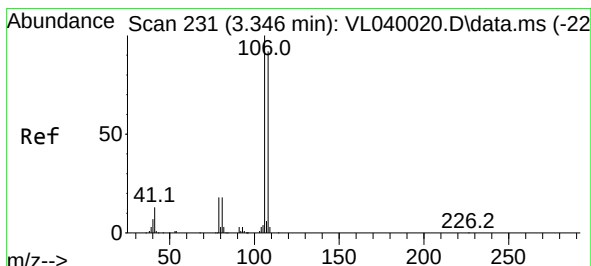
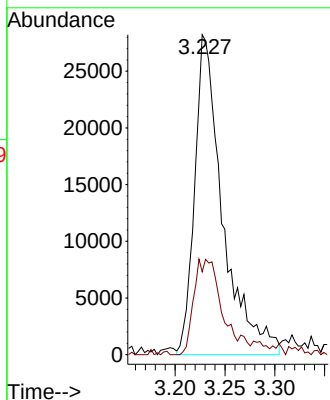
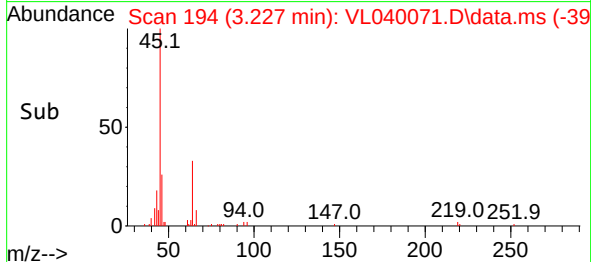
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



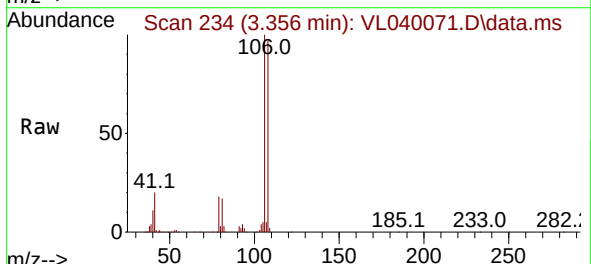
Tgt Ion: 45 Resp: 55020
Ion Ratio Lower Upper
45 100
46 35.3 13.7 54.7

Manual Integrations
APPROVED

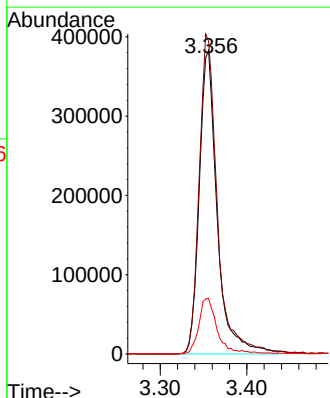
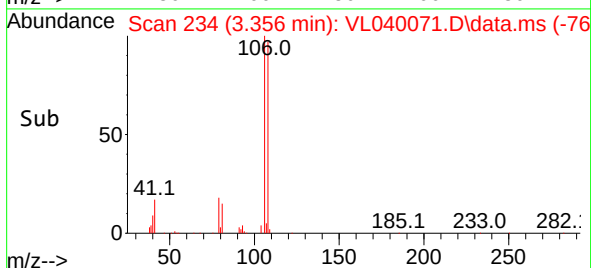
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

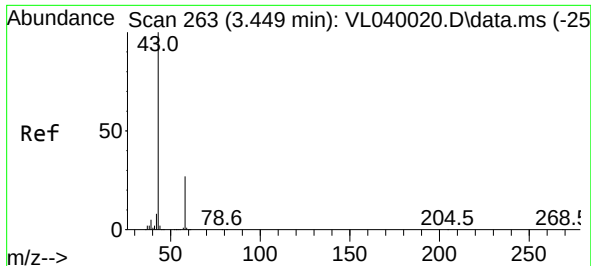


#14
Bromoethene
Concen: 8.708 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.010 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46



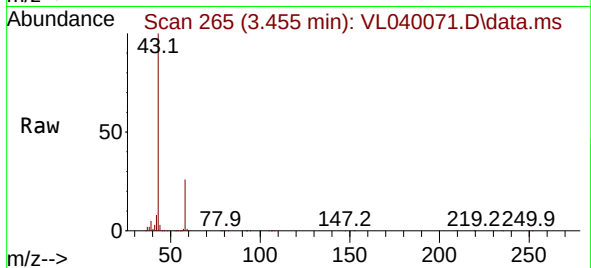
Tgt Ion:108 Resp: 548636
Ion Ratio Lower Upper
108 100
106 107.4 87.5 131.3
79 19.4 15.8 23.8





#15
Acetone
Concen: 7.922 ppbv
RT: 3.455 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

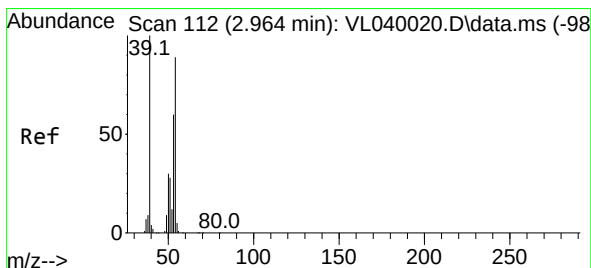
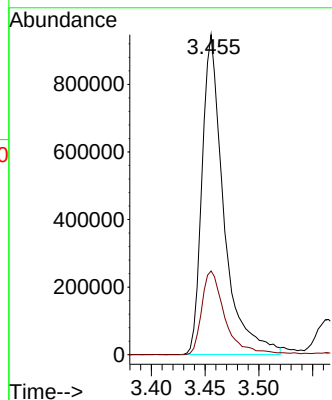
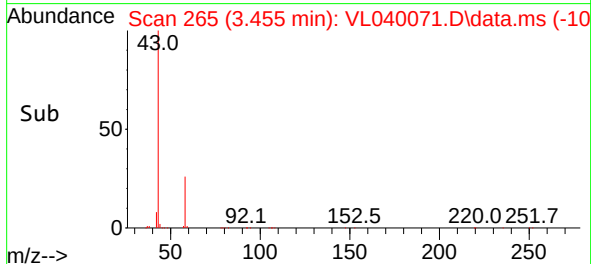
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 133112
Ion Ratio Lower Upper
43 100
58 28.5 21.8 32.8

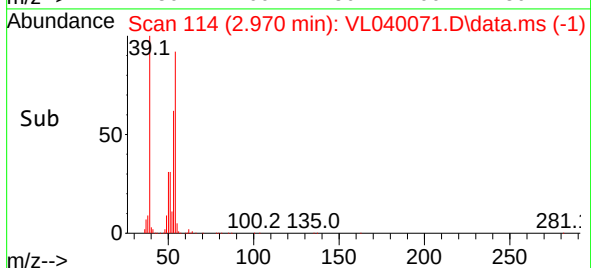
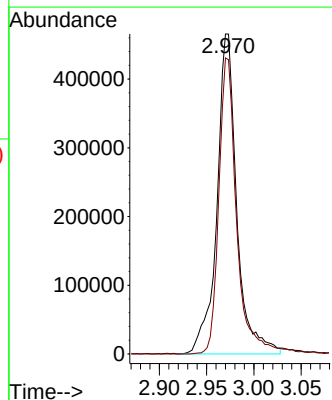
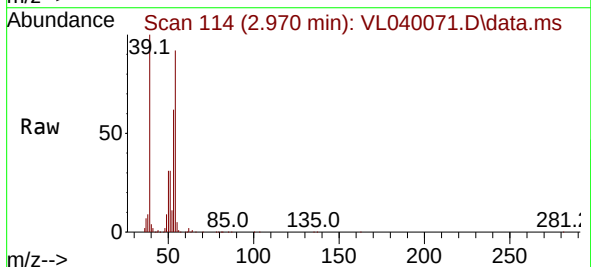
Manual Integrations
APPROVED

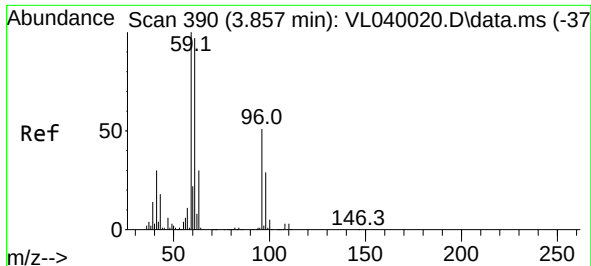
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#16
1,3-Butadiene
Concen: 9.335 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.006 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

Tgt Ion: 39 Resp: 681743
Ion Ratio Lower Upper
39 100
54 84.0 68.3 102.5





#17

tert-Butyl alcohol

Concen: 8.628 ppbv

RT: 3.867 min Scan# 390

Delta R.T. 0.010 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 142922

Ion Ratio Lower Upper

59 100

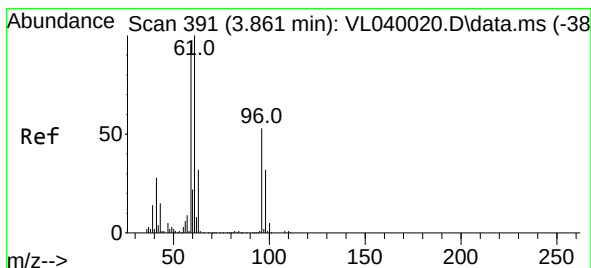
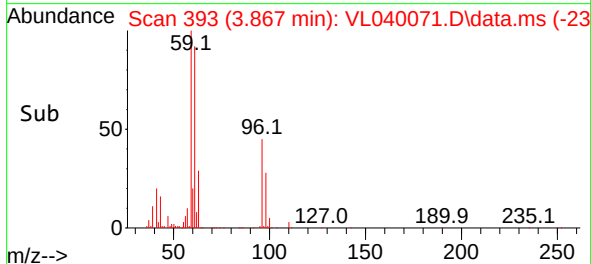
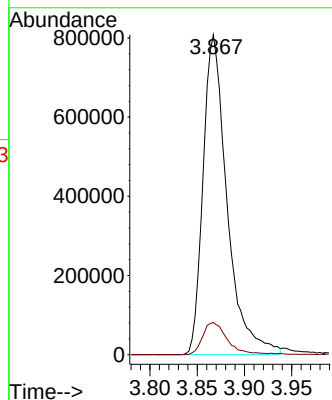
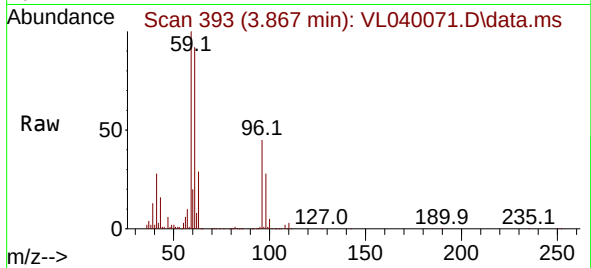
57 10.8 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#18

1,1-Dichloroethene

Concen: 8.257 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.010 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

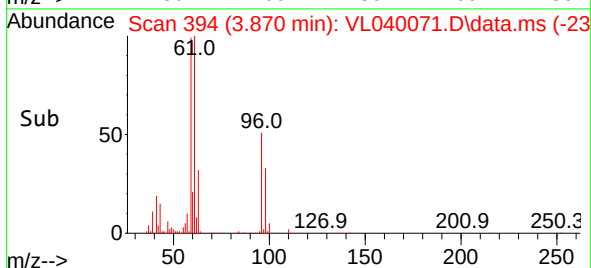
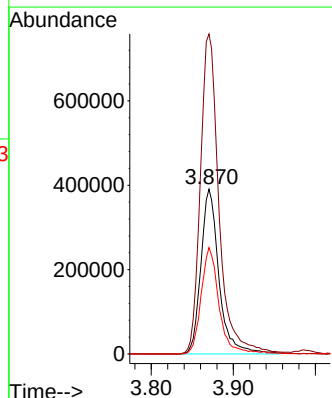
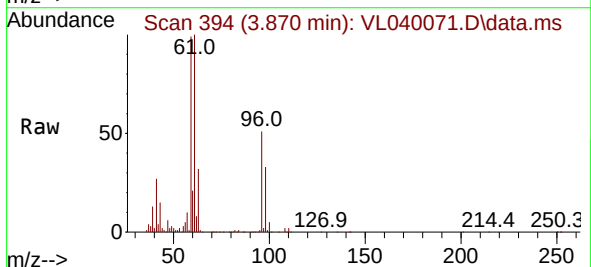
Tgt Ion: 96 Resp: 601350

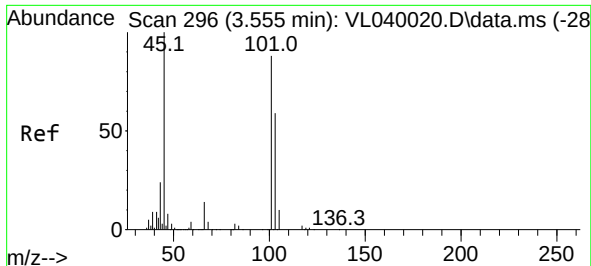
Ion Ratio Lower Upper

96 100

61 194.2 151.0 226.6

98 64.5 47.7 71.5





#19

Isopropyl Alcohol

Concen: 8.620 ppbv m

RT: 3.562 min Scan# 296

Delta R.T. 0.006 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 71375

Ion Ratio Lower Upper

45 100

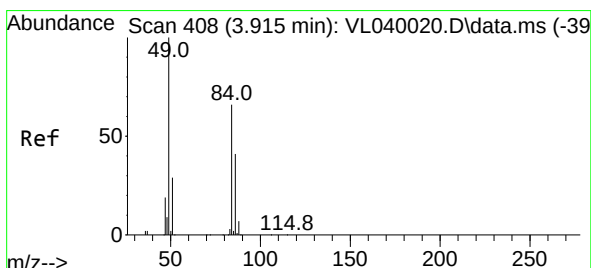
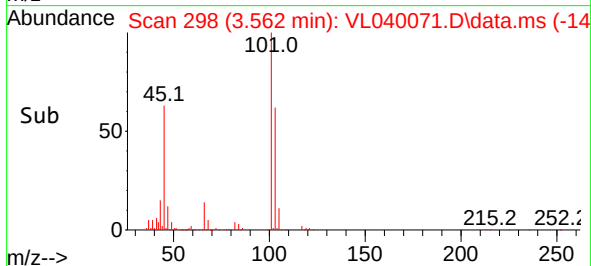
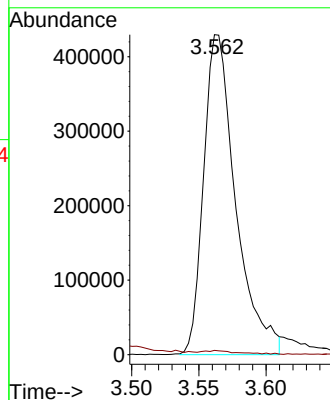
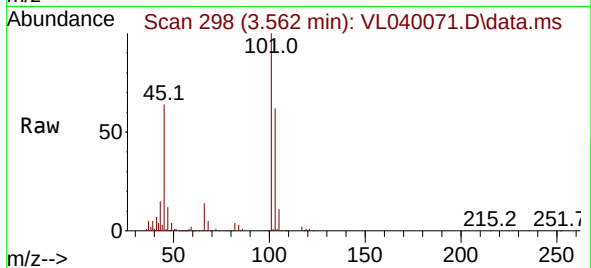
58 0.0 1.7 2.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#20

Methylene Chloride

Concen: 7.515 ppbv

RT: 3.922 min Scan# 410

Delta R.T. 0.006 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

Tgt Ion: 84 Resp: 536704

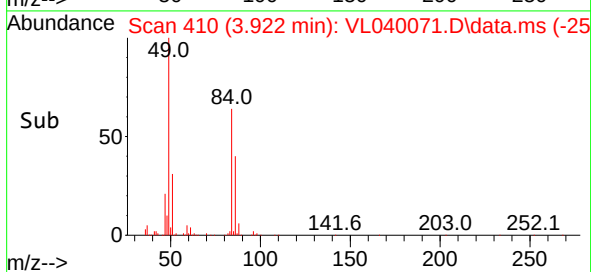
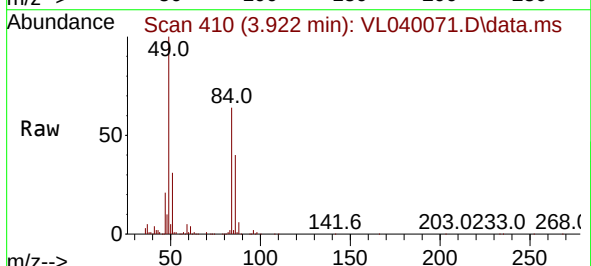
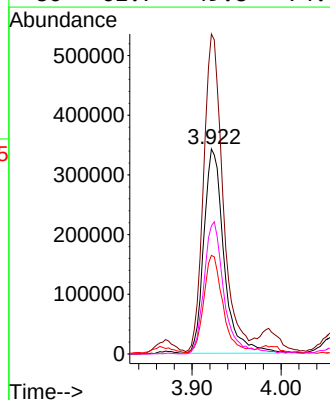
Ion Ratio Lower Upper

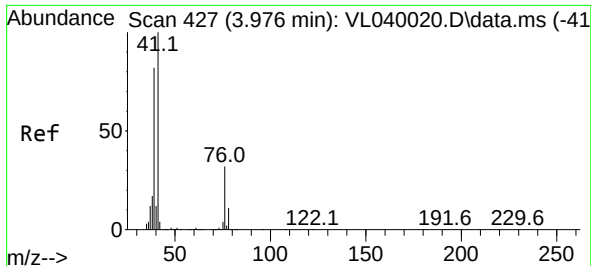
84 100

49 154.7 120.5 180.7

51 47.0 35.2 52.8

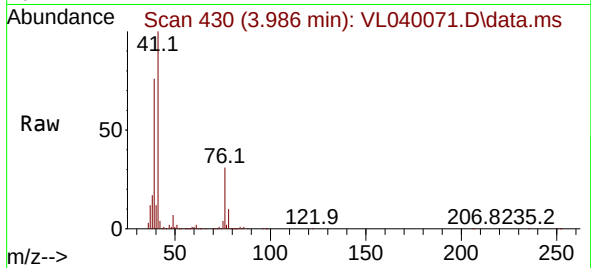
86 62.7 49.8 74.6





#21
 Allyl Chloride
 Concen: 9.850 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46

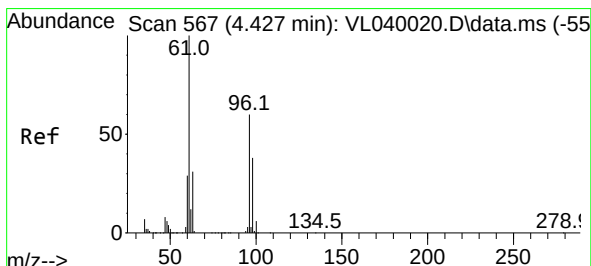
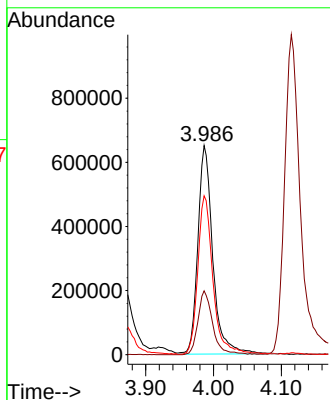
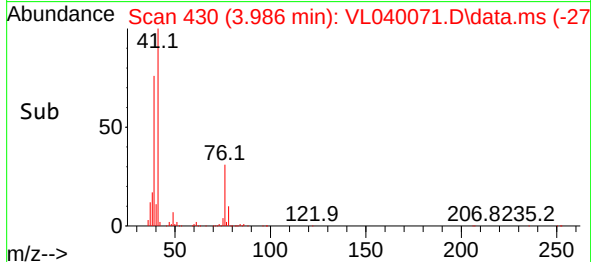
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



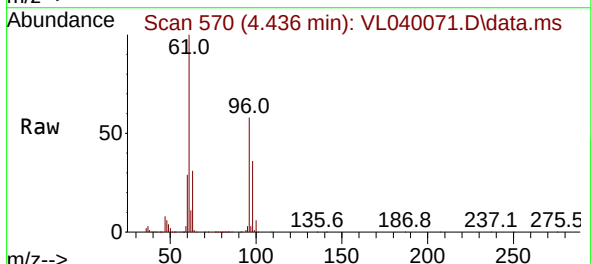
Tgt Ion: 41 Resp: 994500
 Ion Ratio Lower Upper
 41 100
 76 30.3 25.9 38.9
 39 77.0 66.0 99.0

Manual Integrations
 APPROVED

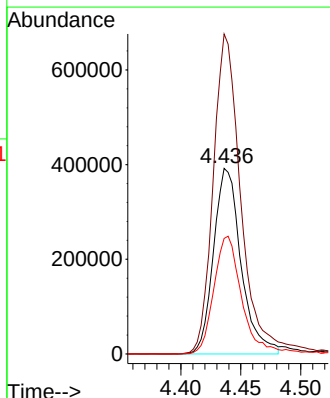
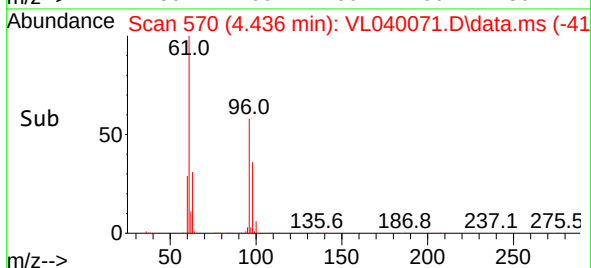
Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

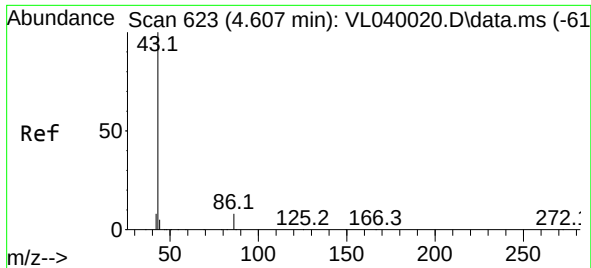


#22
 trans-1,2-Dichloroethene
 Concen: 8.621 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. 0.010 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46



Tgt Ion: 96 Resp: 625785
 Ion Ratio Lower Upper
 96 100
 61 172.4 133.6 200.4
 98 62.2 51.4 77.0





#23
 Vinyl Acetate
 Concen: 10.147 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

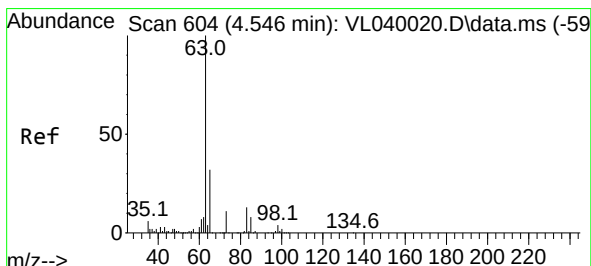
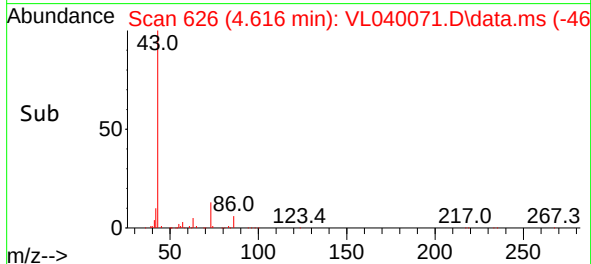
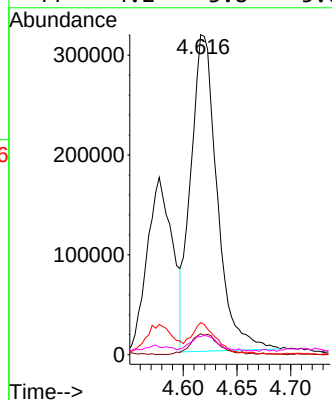
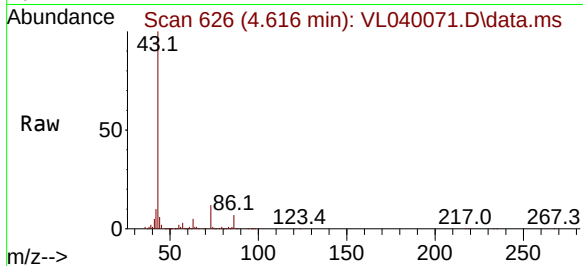
VSTDCCC010

Tgt Ion: 43 Resp: 54047
 Ion Ratio Lower Upper
 43 100
 86 6.5 5.3 7.9
 42 10.0 7.4 11.0
 44 4.2 3.8 5.6

Manual Integrations

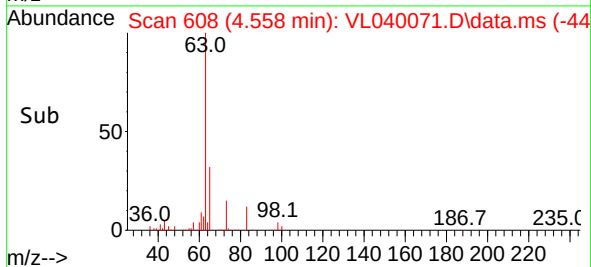
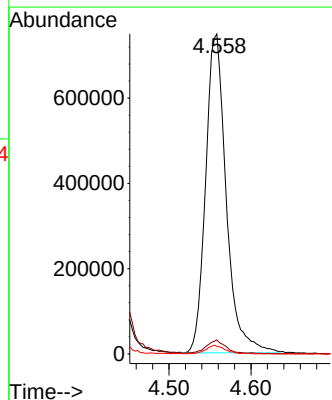
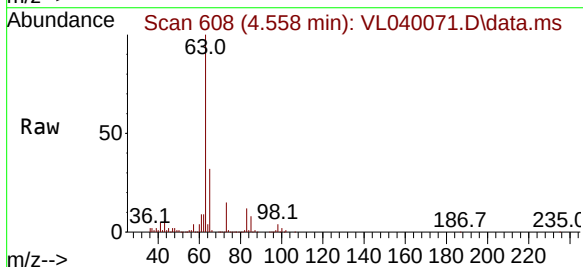
APPROVED

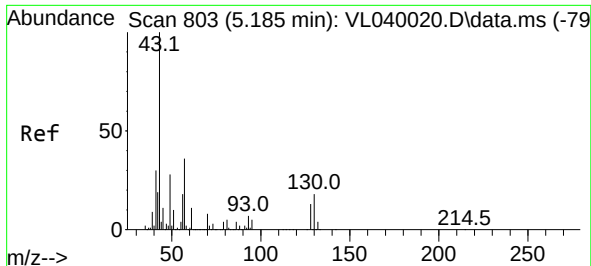
Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023



#24
 1,1-Dichloroethane
 Concen: 8.328 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.013 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46

Tgt Ion: 63 Resp: 1302739
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.1 6.2
 100 2.4 1.1 3.3





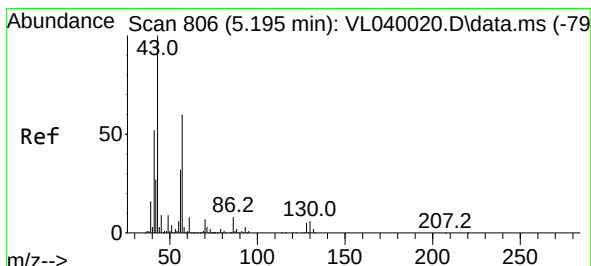
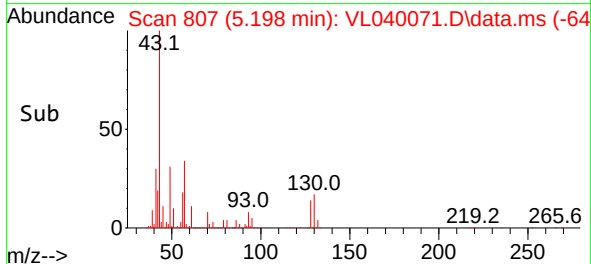
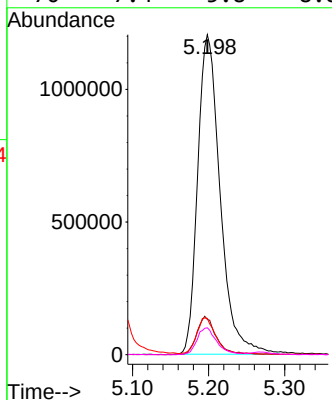
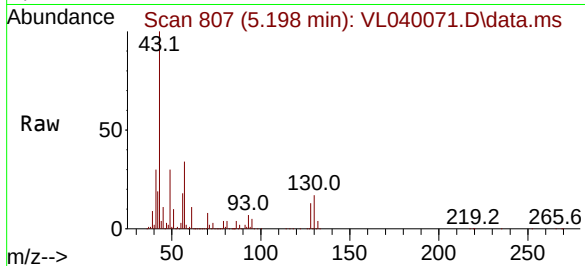
#25
Ethyl Acetate
Concen: 8.499 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 247316
Ion Ratio Lower Upper
43 100
45 10.5 8.6 12.8
61 10.0 8.5 12.7
70 7.4 5.8 8.8

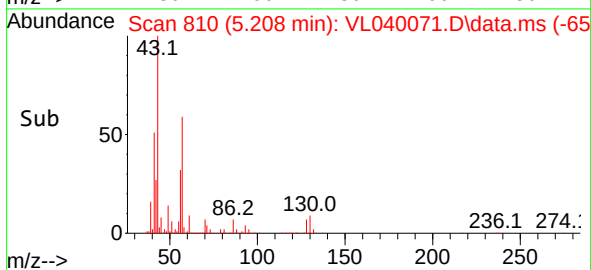
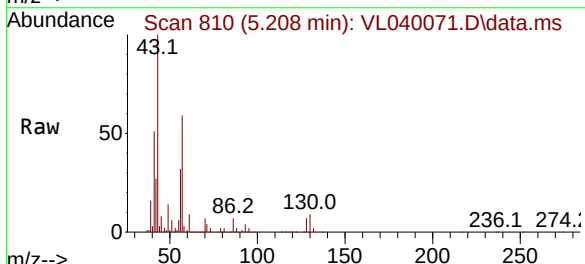
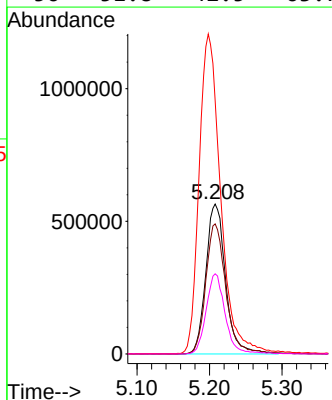
Manual Integrations
APPROVED

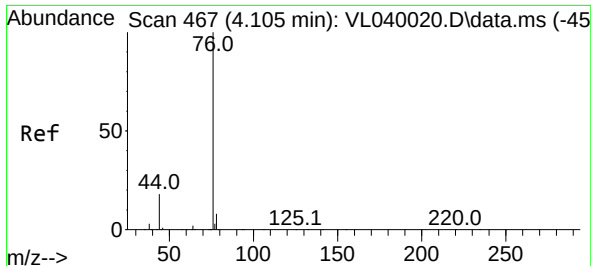
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#26
Hexane
Concen: 8.737 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.013 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

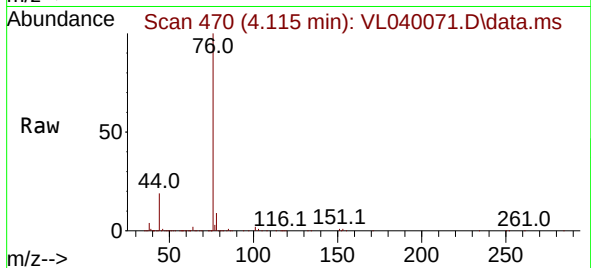
Tgt Ion: 57 Resp: 1068496
Ion Ratio Lower Upper
57 100
41 89.0 72.1 108.1
43 234.3 192.1 288.1
56 51.8 42.5 63.7





#27
Carbon Disulfide
Concen: 10.571 ppbv
RT: 4.115 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

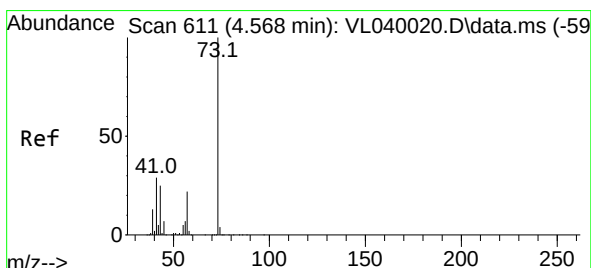
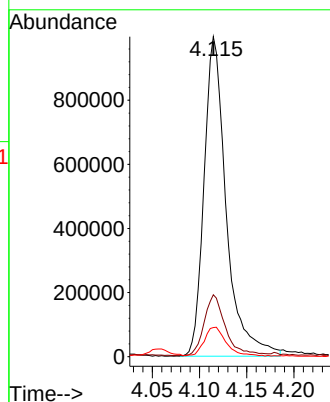
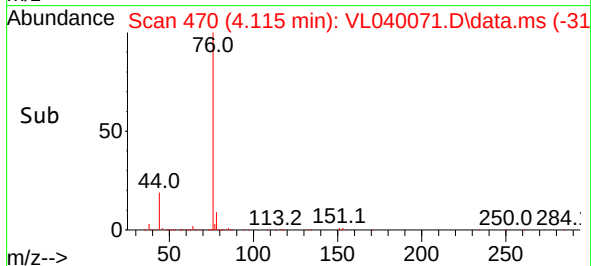
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1630624
Ion Ratio Lower Upper
76 100
44 18.9 15.3 22.9
78 9.4 7.8 11.6

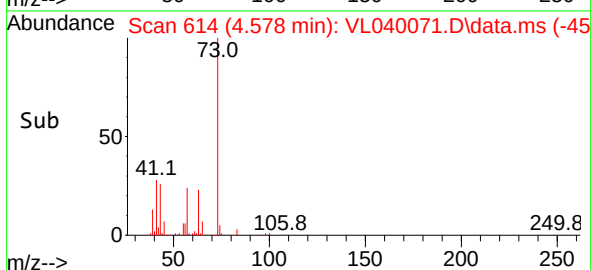
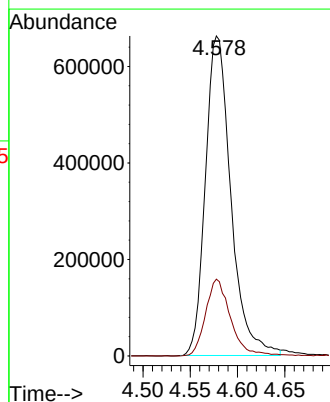
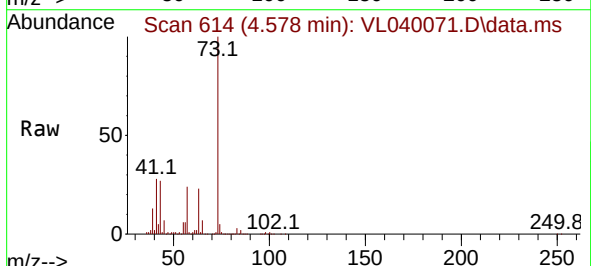
Manual Integrations
APPROVED

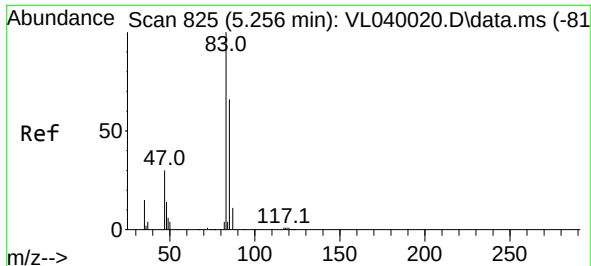
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#28
Methyl tert-Butyl Ether
Concen: 8.617 ppbv
RT: 4.578 min Scan# 614
Delta R.T. 0.010 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

Tgt Ion: 73 Resp: 1242011
Ion Ratio Lower Upper
73 100
57 23.9 18.6 28.0





#29

Chloroform

Concen: 8.066 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL040071.D

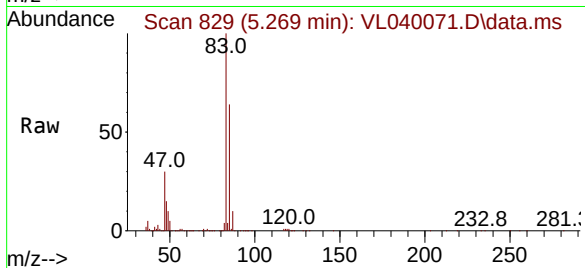
Acq: 9 Jan 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 83 Resp: 150530

Ion Ratio Lower Upper

83 100

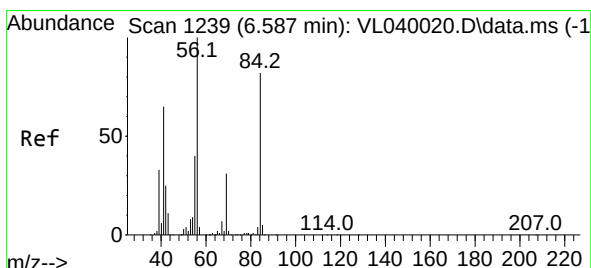
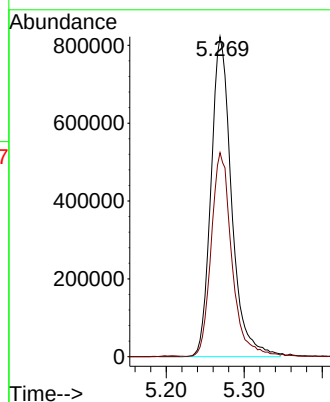
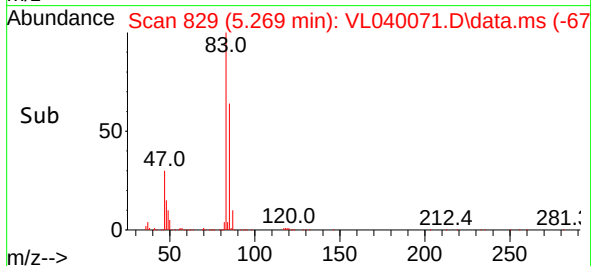
85 63.6 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#30

Cyclohexane

Concen: 9.284 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.013 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

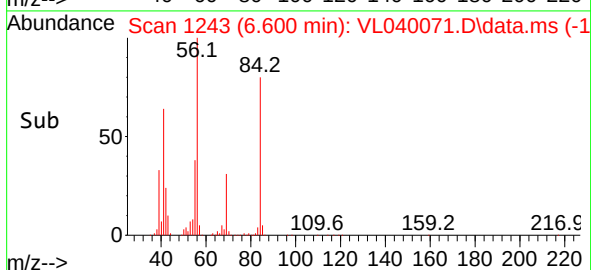
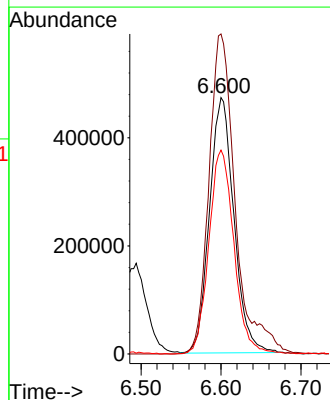
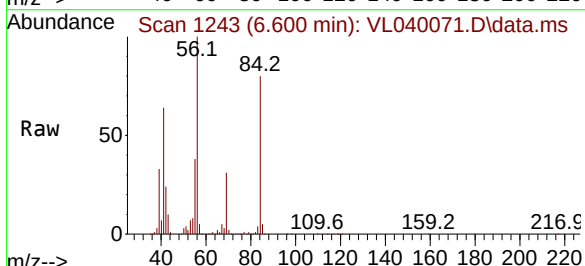
Tgt Ion: 84 Resp: 1005532

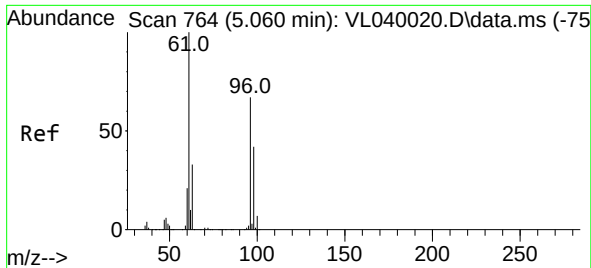
Ion Ratio Lower Upper

84 100

56 135.3 110.2 165.4

41 81.8 67.8 101.8





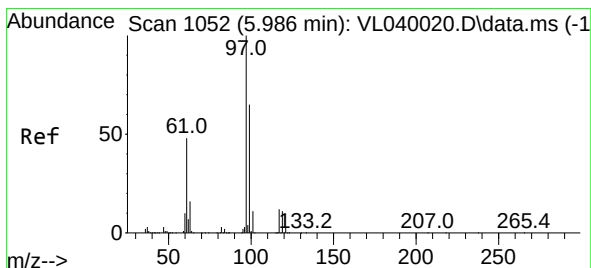
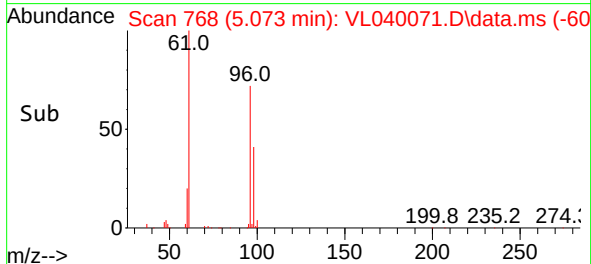
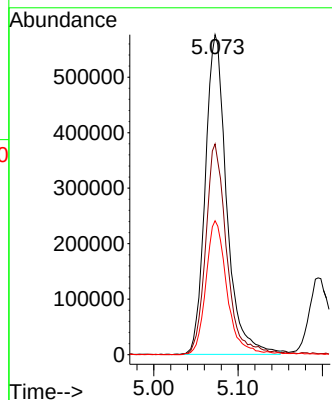
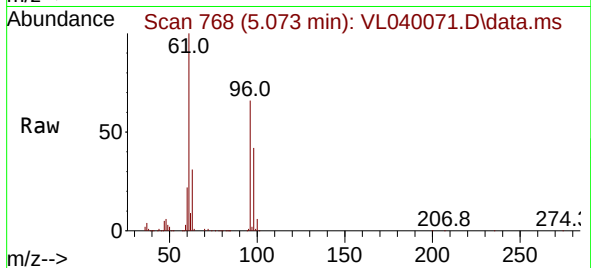
#31
 cis-1,2-Dichloroethene
 Concen: 8.731 ppbv
 RT: 5.073 min Scan# 70
 Delta R.T. 0.013 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 1016872
 Ion Ratio Lower Upper
 61 100
 96 65.8 53.4 80.2
 98 41.9 33.4 50.0

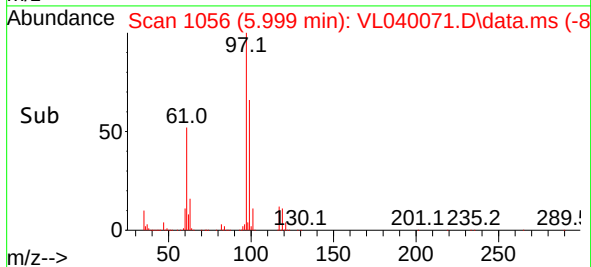
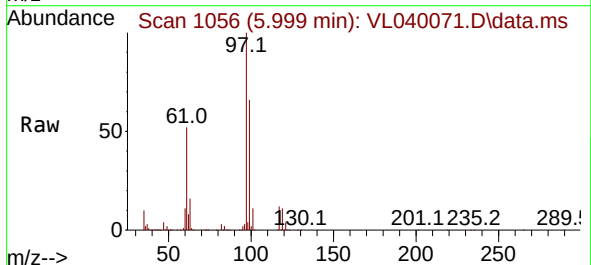
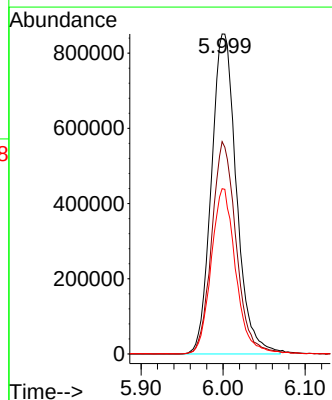
Manual Integrations
 APPROVED

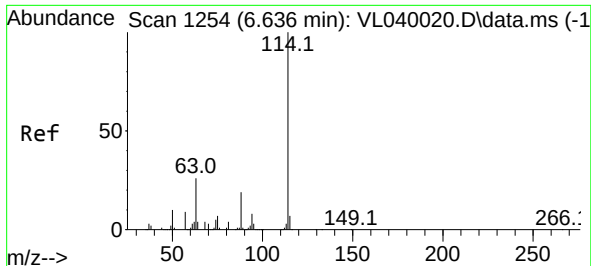
Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.063 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.013 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46

Tgt Ion: 97 Resp: 1810807
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.8 77.6
 61 50.6 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 3165210

Ion Ratio Lower Upper

114 100

63 24.9 20.2 30.2

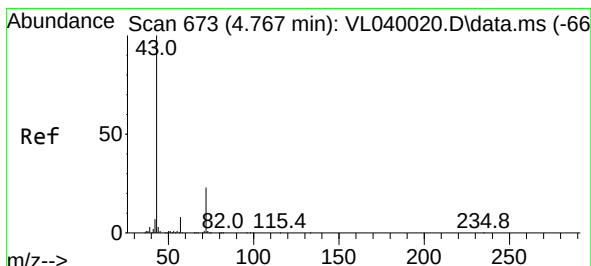
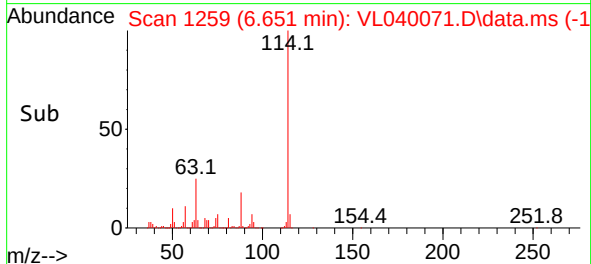
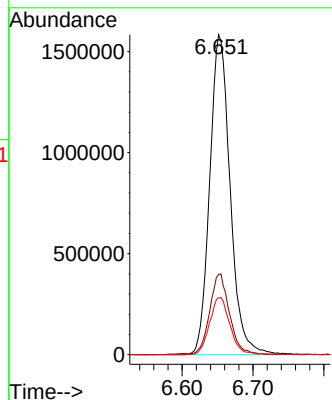
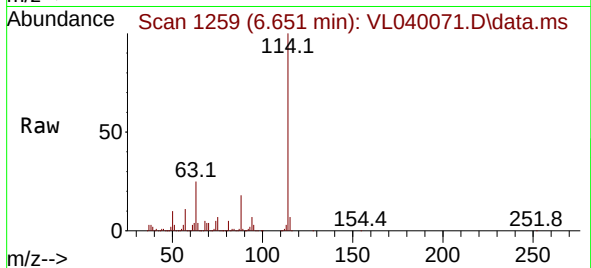
88 17.9 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#34

2-Butanone

Concen: 8.690 ppbv

RT: 4.777 min Scan# 676

Delta R.T. 0.010 min

Lab File: VL040071.D

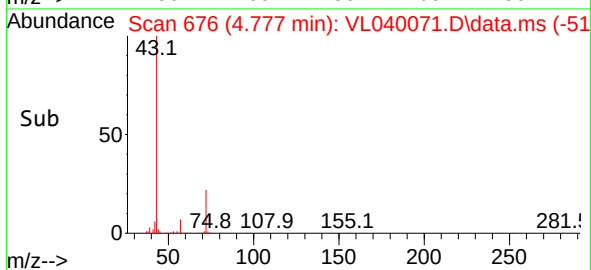
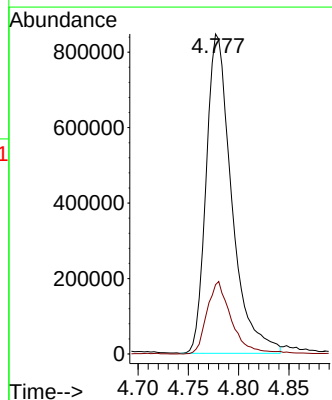
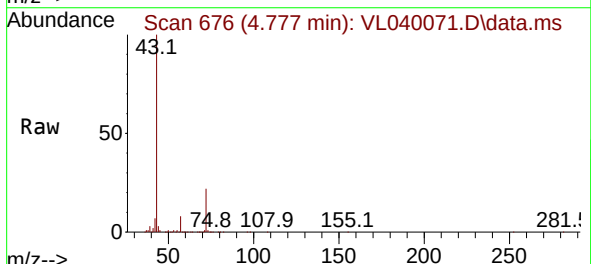
Acq: 9 Jan 2023 11:46

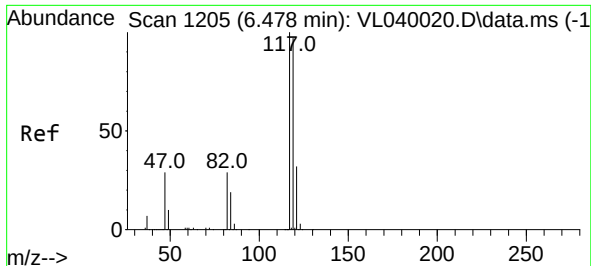
Tgt Ion: 43 Resp: 1492123

Ion Ratio Lower Upper

43 100

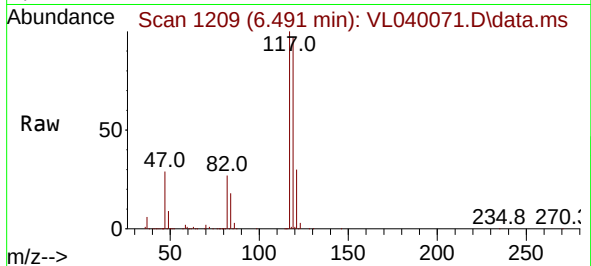
72 22.2 18.0 27.0





#35
Carbon Tetrachloride
Concen: 9.672 ppbv
RT: 6.491 min Scan# 1171
Delta R.T. 0.013 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

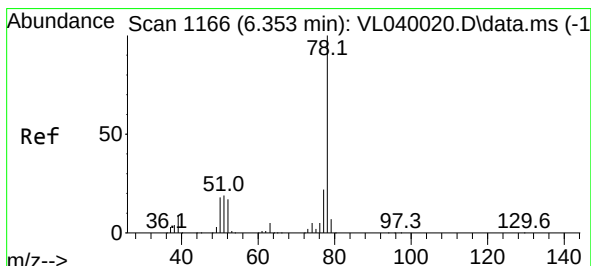
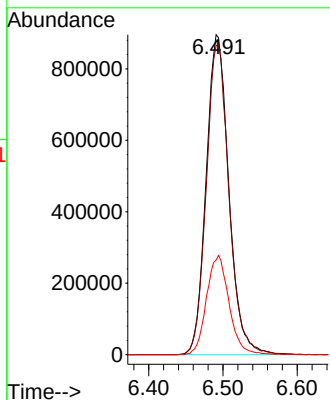
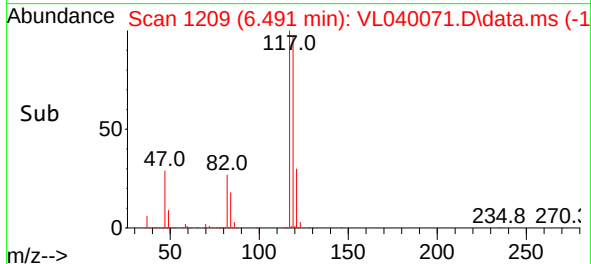
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 190145
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 29.6 25.4 38.0

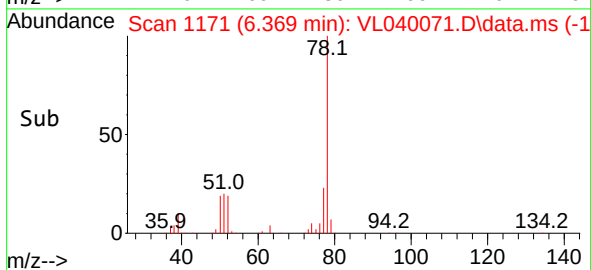
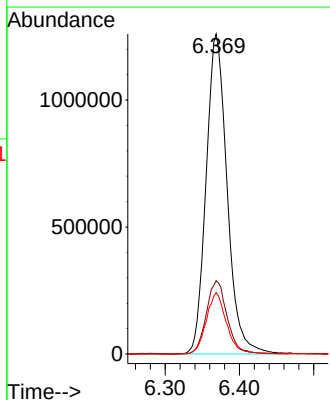
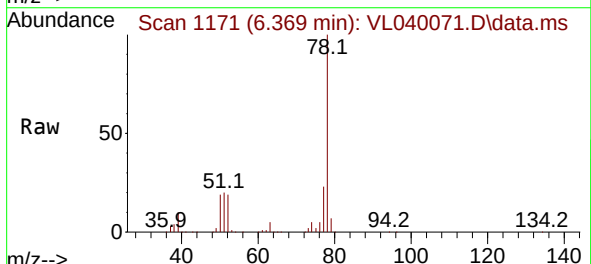
Manual Integrations
APPROVED

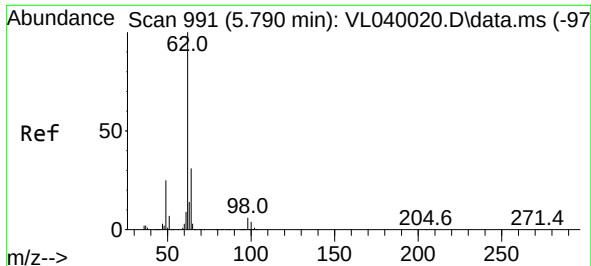
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#36
Benzene
Concen: 8.759 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. 0.016 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

Tgt Ion: 78 Resp: 2476018
Ion Ratio Lower Upper
78 100
77 22.9 17.5 26.3
50 19.2 14.2 21.2





#37

1,2-Dichloroethane

Concen: 8.276 ppbv

RT: 5.803 min Scan# 991

Delta R.T. 0.013 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 1372460

Ion Ratio Lower Upper

62 100

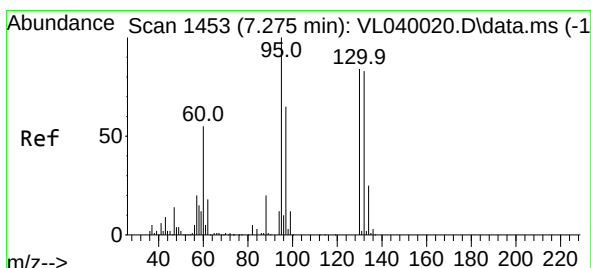
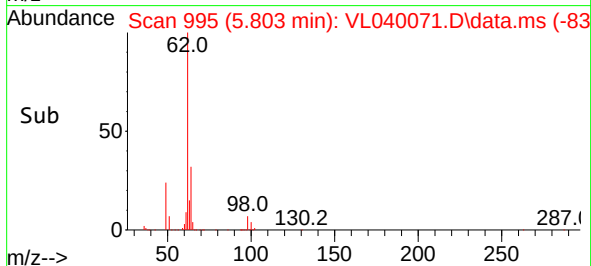
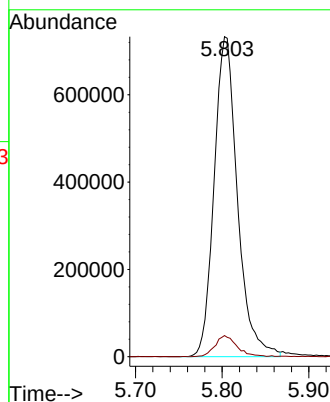
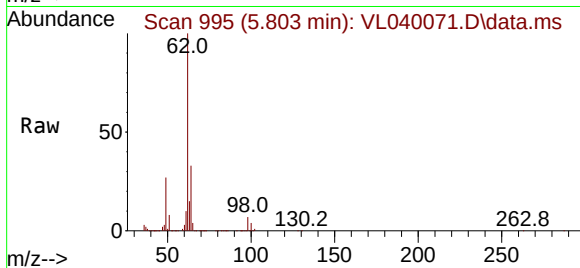
98 6.4 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#38

Trichloroethene

Concen: 9.810 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.016 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

Tgt Ion:130 Resp: 1425128

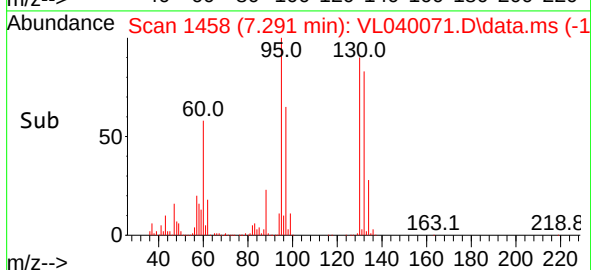
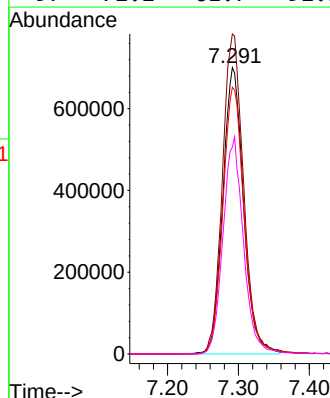
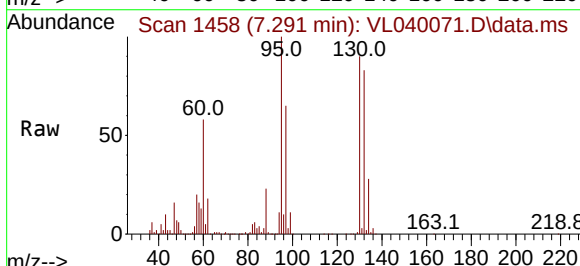
Ion Ratio Lower Upper

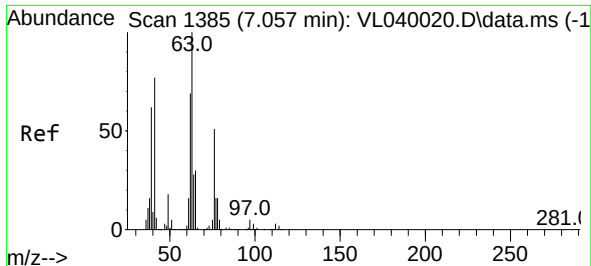
130 100

95 111.7 94.8 142.2

132 93.1 78.2 117.4

97 72.2 61.7 92.5





#39

1,2-Dichloropropane

Concen: 8.868 ppbv

RT: 7.076 min Scan# 11

Delta R.T. 0.019 min

Lab File: VL040071.D

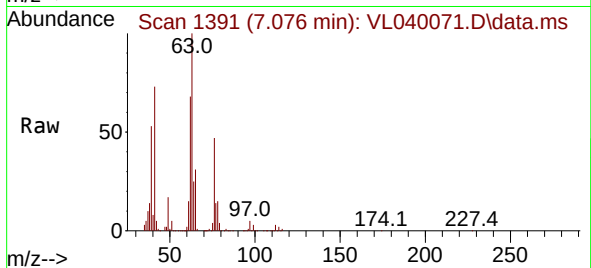
Acq: 9 Jan 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 63 Resp: 939599

Ion Ratio Lower Upper

63 100

41 72.4 61.4 92.0

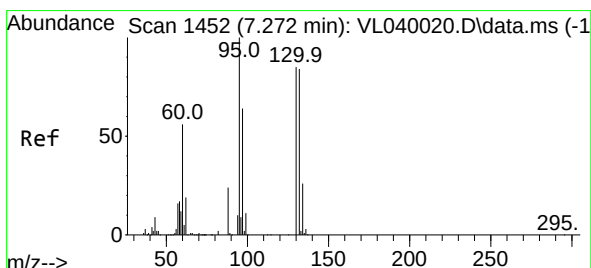
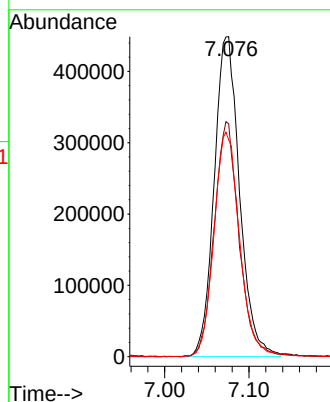
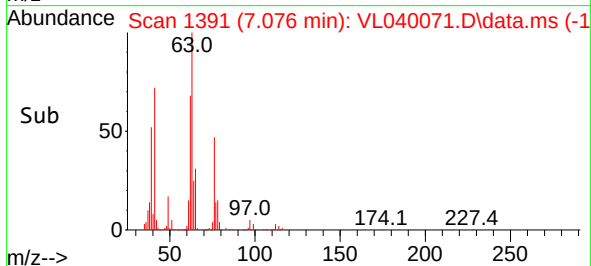
62 67.8 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#40

1,4-Dioxane

Concen: 8.511 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.013 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

Tgt Ion: 88 Resp: 406475

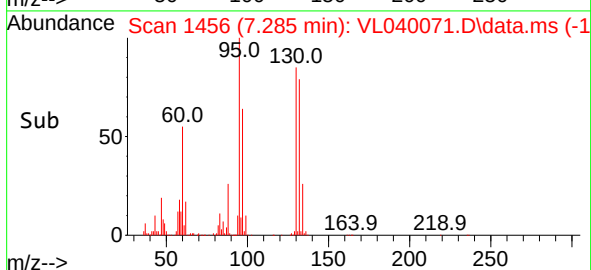
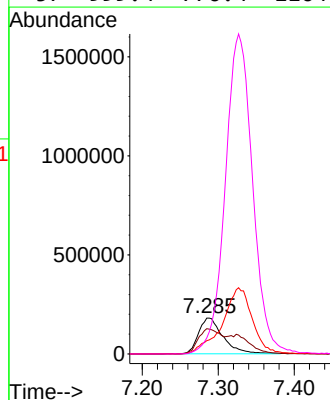
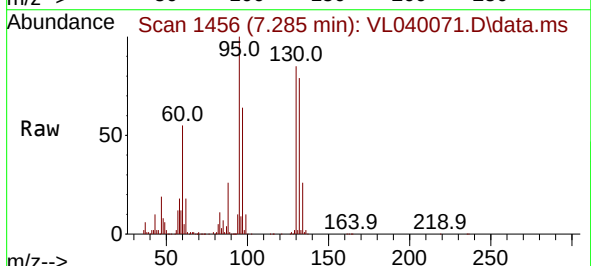
Ion Ratio Lower Upper

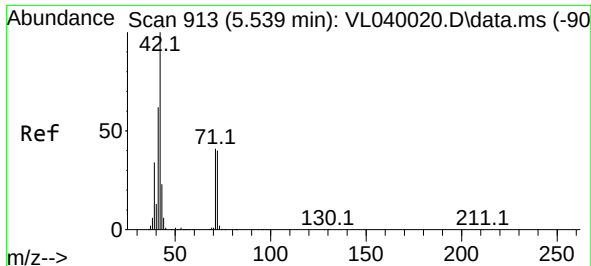
88 100

58 115.7 92.7 139.1

43 225.0 174.6 261.8

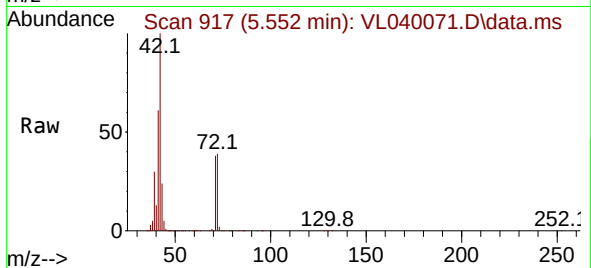
57 999.4 776.4 1164.6





#41
Tetrahydrofuran
Concen: 9.260 ppbv
RT: 5.552 min Scan# 917
Delta R.T. 0.013 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

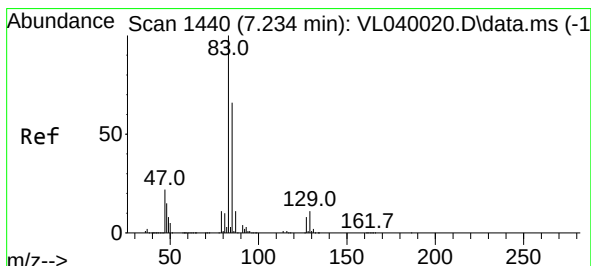
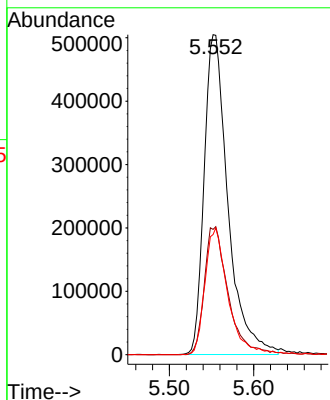
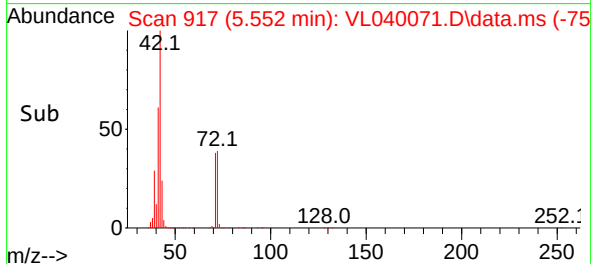
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



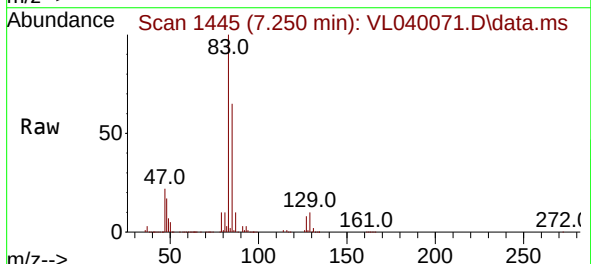
Tgt Ion: 42 Resp: 992460
Ion Ratio Lower Upper
42 100
72 40.3 32.9 49.3
71 38.6 32.2 48.2

Manual Integrations
APPROVED

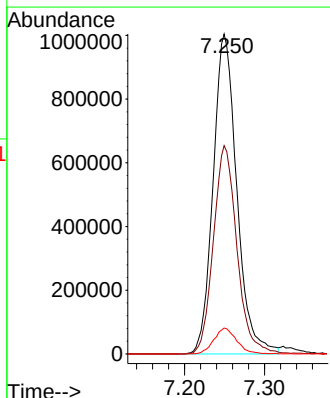
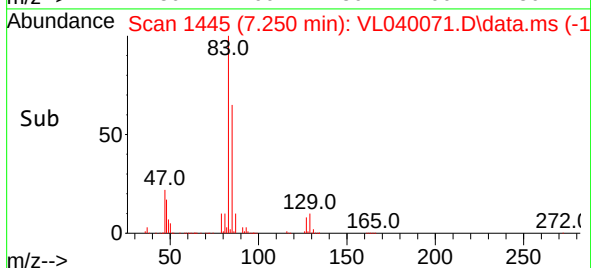
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

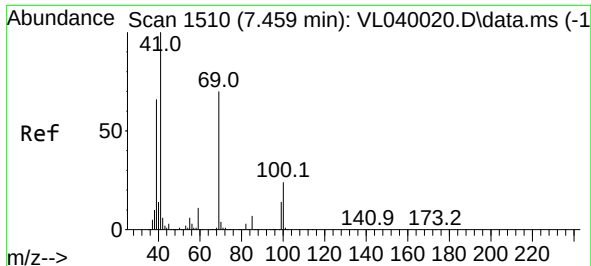


#42
Bromodichloromethane
Concen: 9.090 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. 0.016 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46



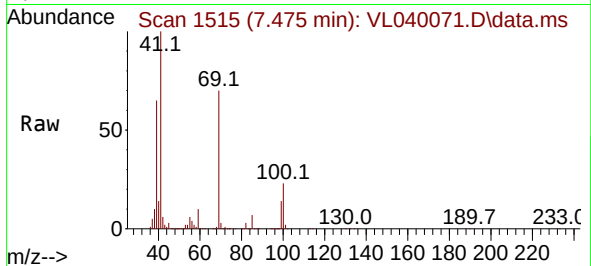
Tgt Ion: 83 Resp: 2065043
Ion Ratio Lower Upper
83 100
85 65.1 53.0 79.6
127 8.1 6.2 9.2





#43
Methyl Methacrylate
Concen: 9.410 ppbv
RT: 7.475 min Scan# 1510
Delta R.T. 0.016 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

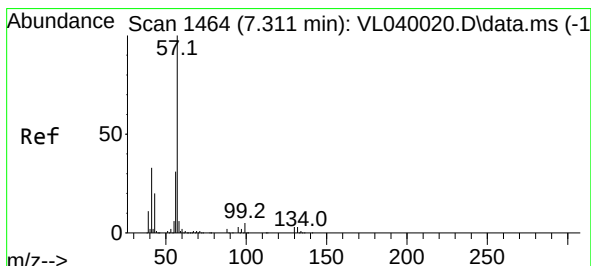
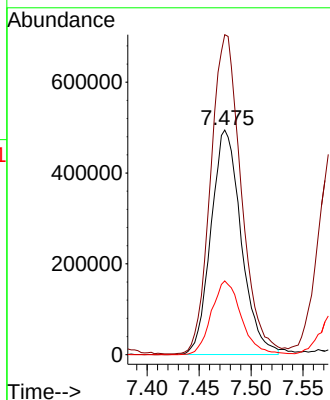
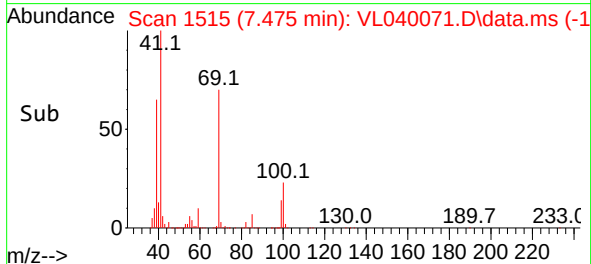
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



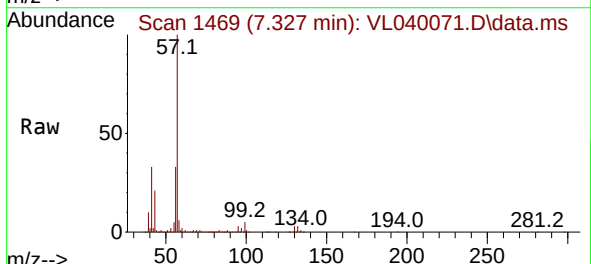
Tgt Ion: 69 Resp: 998289
Ion Ratio Lower Upper
69 100
41 145.0 115.7 173.5
100 32.6 26.0 39.0

Manual Integrations
APPROVED

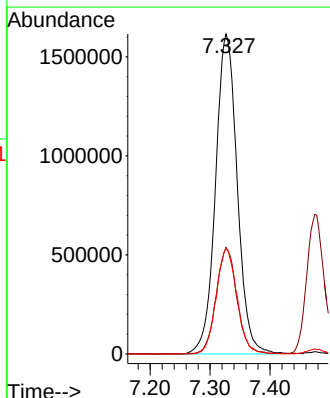
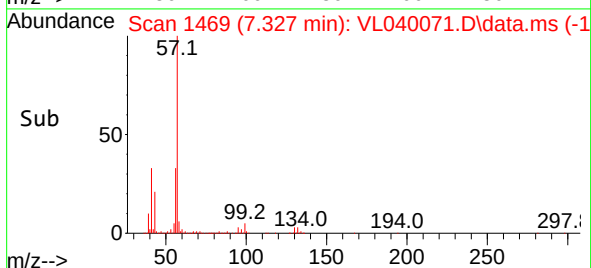
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

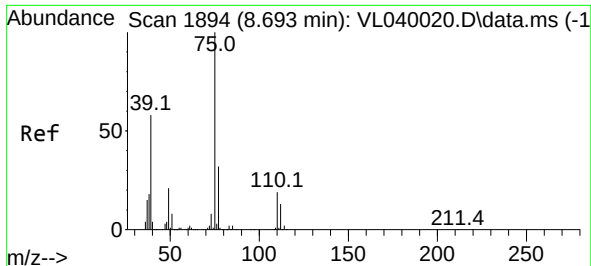


#44
2,2,4-Trimethylpentane
Concen: 8.709 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.016 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46



Tgt Ion: 57 Resp: 4052749
Ion Ratio Lower Upper
57 100
41 31.9 26.2 39.4
56 31.7 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 11.108 ppbv

RT: 8.712 min Scan# 1894

Delta R.T. 0.019 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 996060

Ion Ratio Lower Upper

75 100

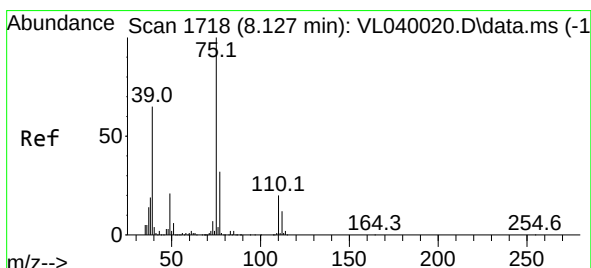
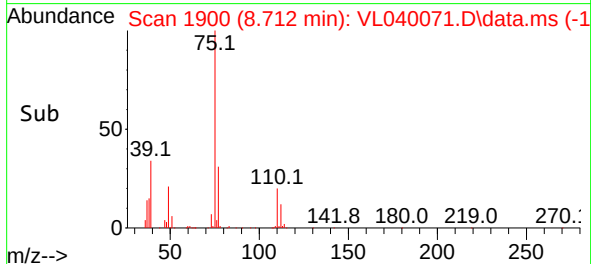
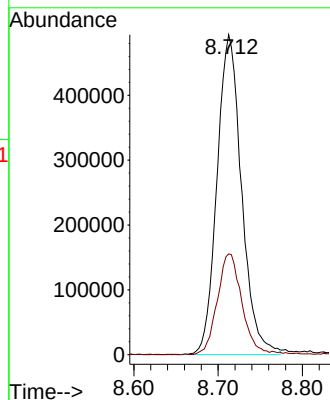
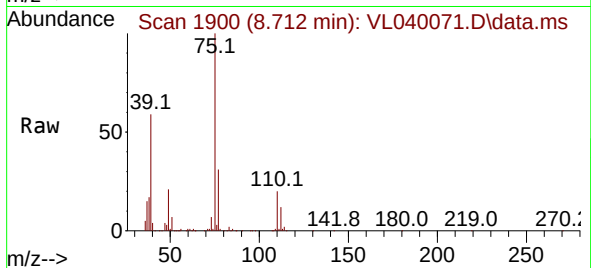
77 31.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#46

cis-1,3-Dichloropropene

Concen: 10.480 ppbv

RT: 8.143 min Scan# 1723

Delta R.T. 0.016 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

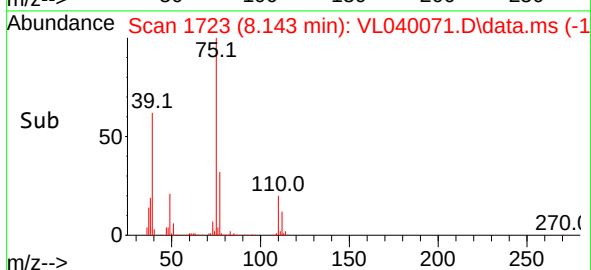
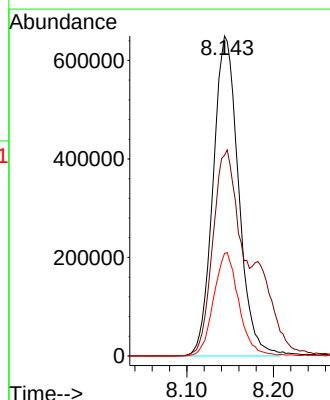
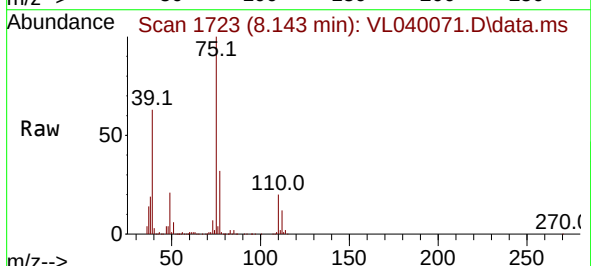
Tgt Ion: 75 Resp: 1325358

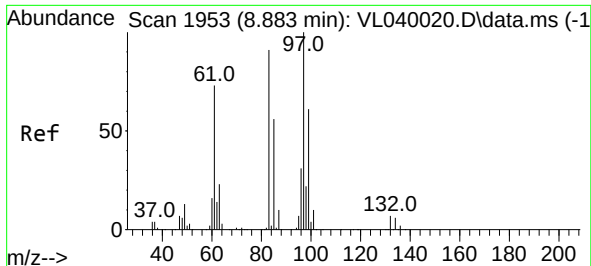
Ion Ratio Lower Upper

75 100

39 62.6 51.7 77.5

77 32.0 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 8.519 ppbv

RT: 8.902 min Scan# 1953

Delta R.T. 0.019 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 988554

Ion Ratio Lower Upper

97 100

83 84.7 72.5 108.7

85 58.1 45.0 67.6

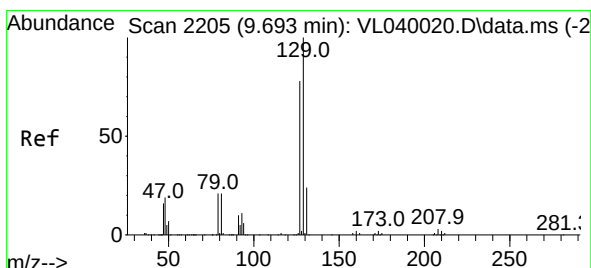
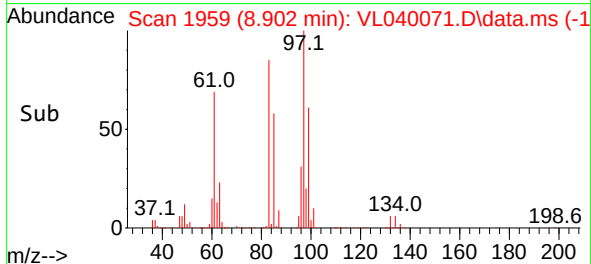
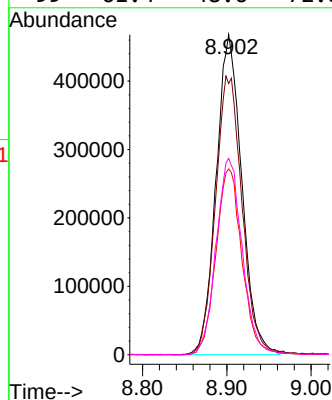
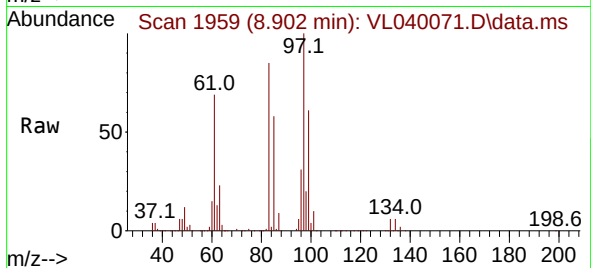
99 61.4 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#48

Dibromochloromethane

Concen: 9.698 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. 0.022 min

Lab File: VL040071.D

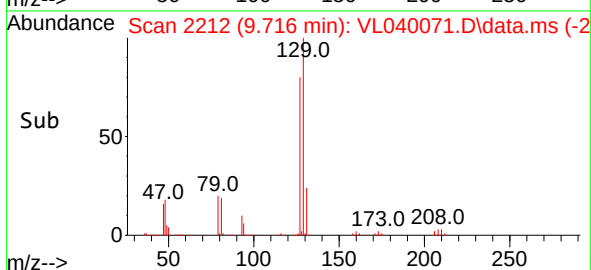
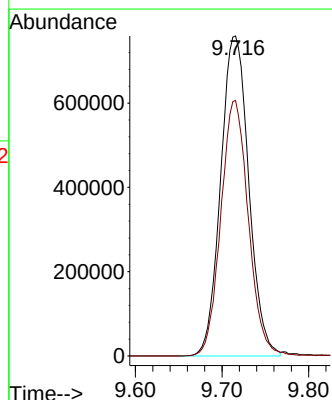
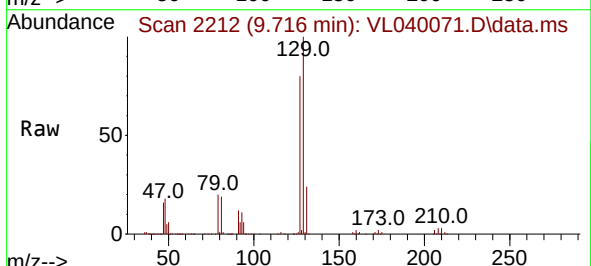
Acq: 9 Jan 2023 11:46

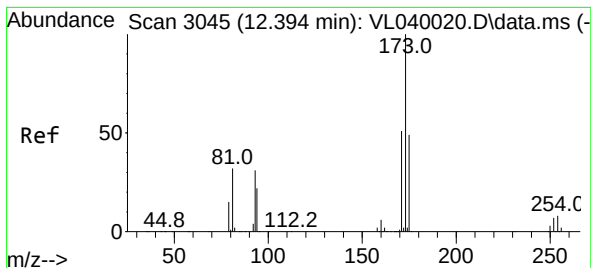
Tgt Ion:129 Resp: 1711380

Ion Ratio Lower Upper

129 100

127 78.5 39.4 118.1





#49

Bromoform

Concen: 9.669 ppbv

RT: 12.417 min Scan# 3045

Delta R.T. 0.022 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1301700

Ion Ratio Lower Upper

173 100

175 50.0 39.0 58.4

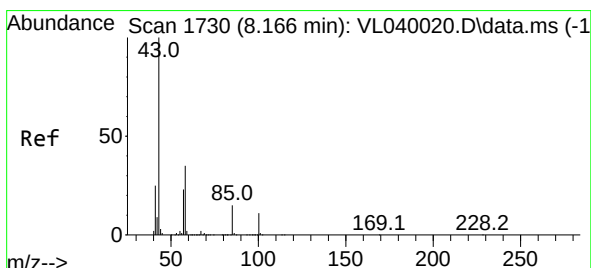
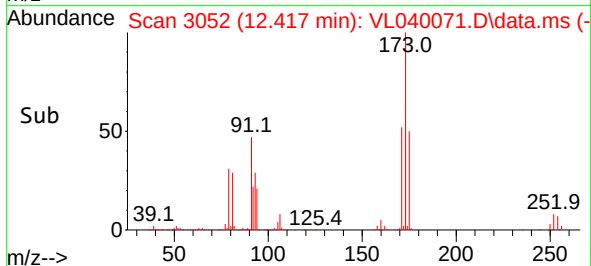
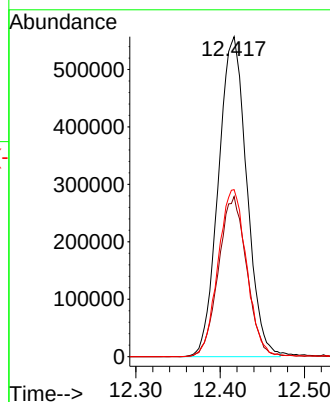
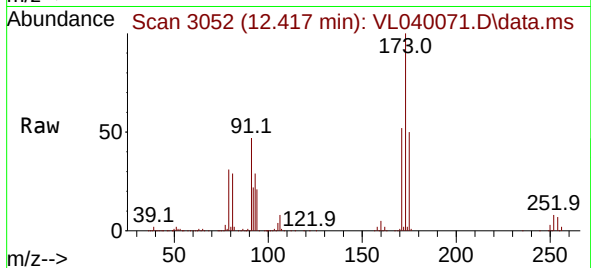
171 53.1 42.0 63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#50

4-Methyl-2-Pentanone

Concen: 8.882 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.016 min

Lab File: VL040071.D

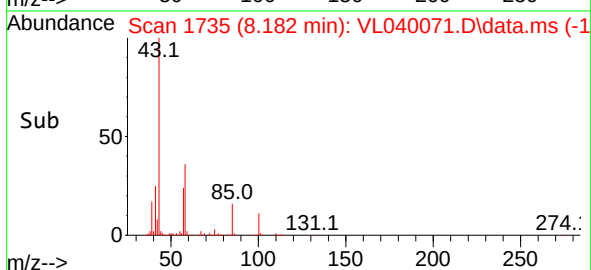
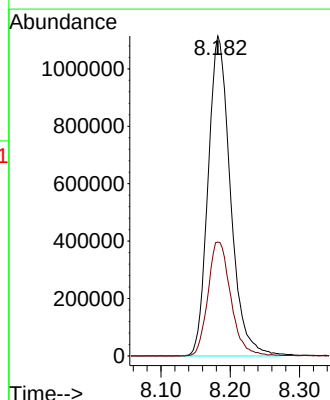
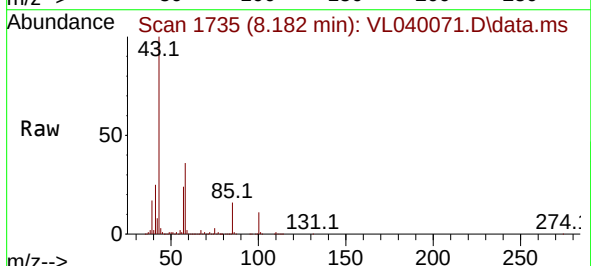
Acq: 9 Jan 2023 11:46

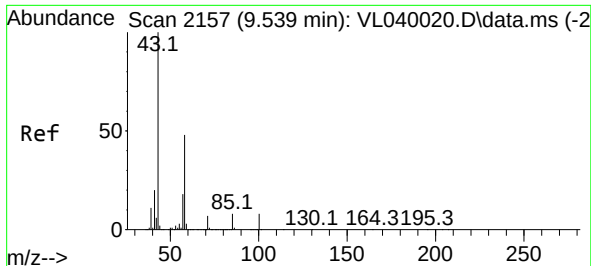
Tgt Ion: 43 Resp: 2491513

Ion Ratio Lower Upper

43 100

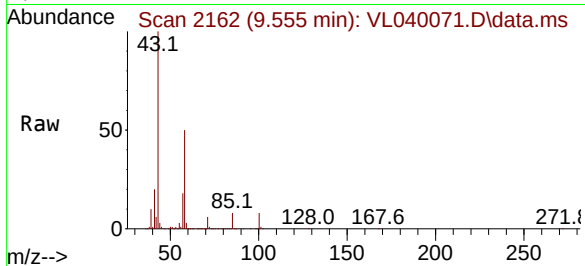
58 36.7 29.0 43.4





#51
2-Hexanone
Concen: 8.900 ppbv
RT: 9.555 min Scan# 2157
Delta R.T. 0.016 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

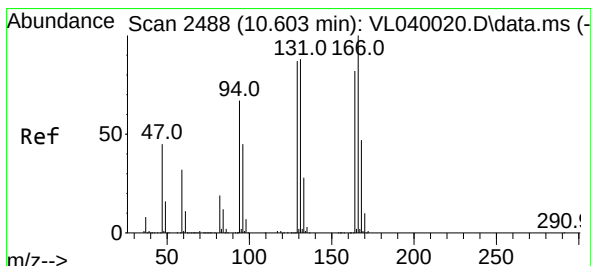
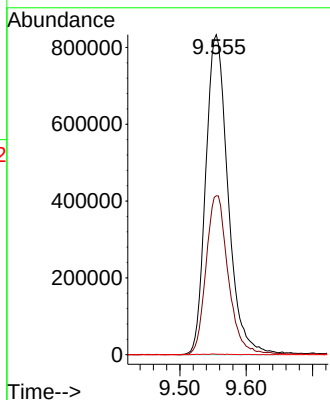
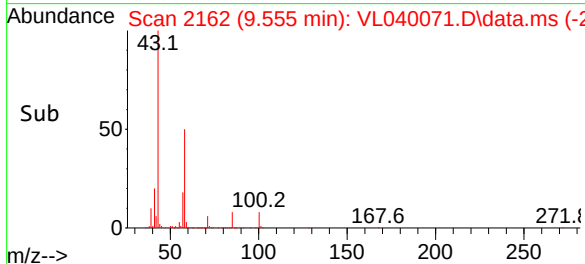
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



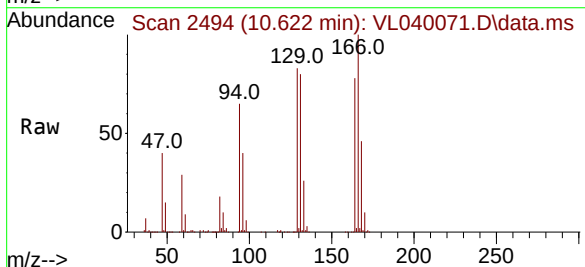
Tgt Ion: 43 Resp: 1942129
Ion Ratio Lower Upper
43 100
58 50.0 39.4 59.2
98 0.2 0.2 0.4

Manual Integrations
APPROVED

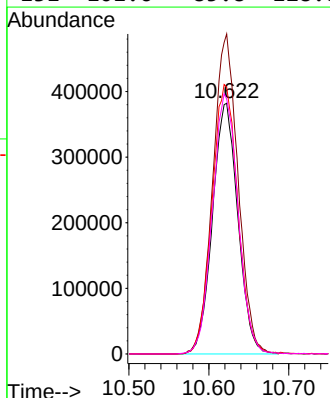
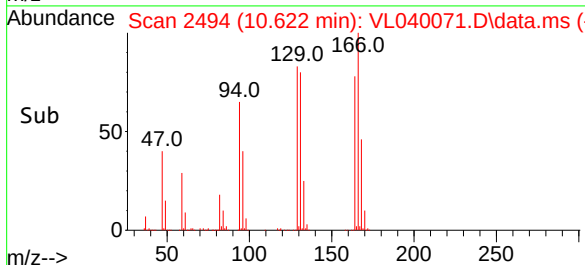
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

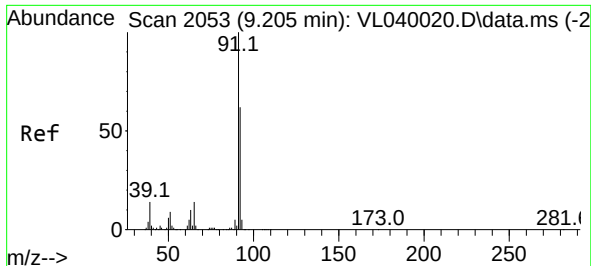


#52
Tetrachloroethene
Concen: 8.735 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.019 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46



Tgt Ion:164 Resp: 839549
Ion Ratio Lower Upper
164 100
166 127.5 97.4 146.0
129 106.4 84.3 126.5
131 101.6 85.8 128.8





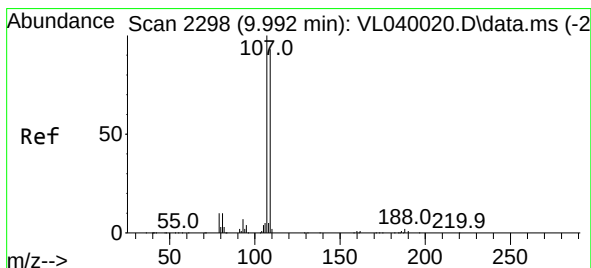
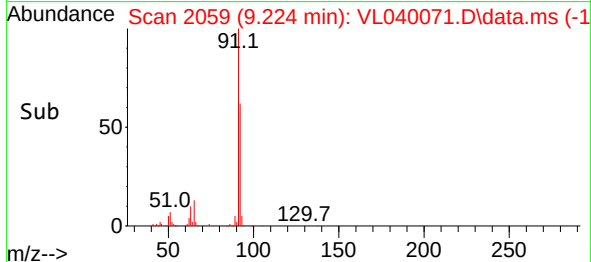
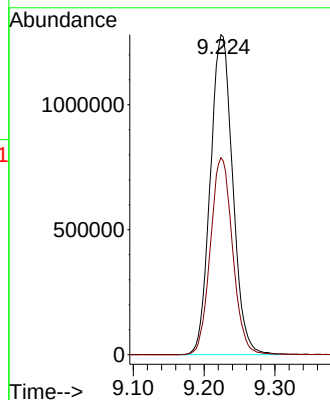
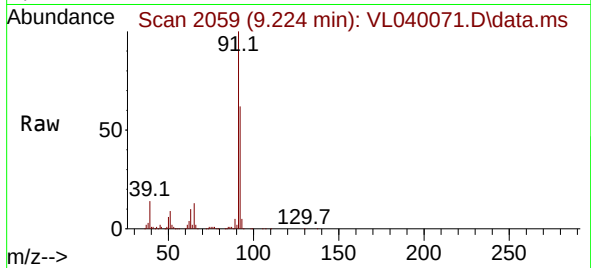
#53
Toluene
Concen: 8.986 ppbv
RT: 9.224 min Scan# 2053
Delta R.T. 0.019 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 281232
Ion Ratio Lower Upper
91 100
92 61.3 48.7 73.1

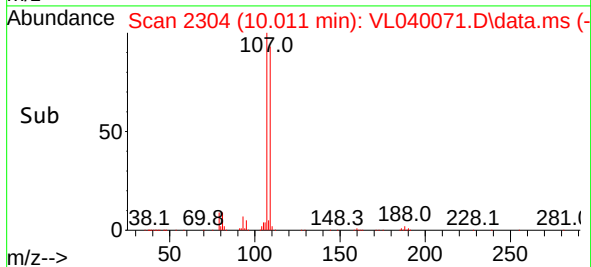
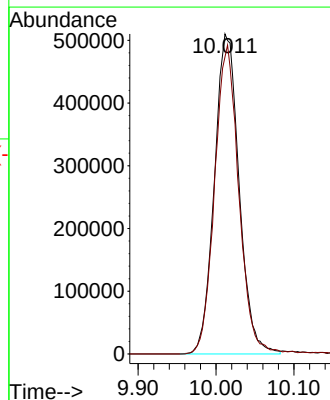
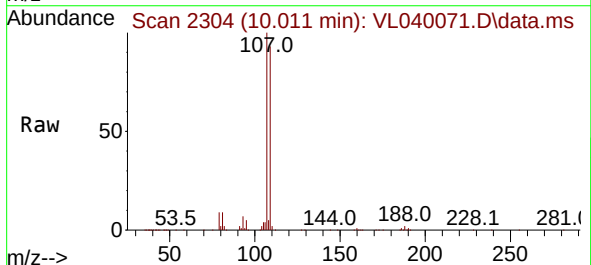
Manual Integrations
APPROVED

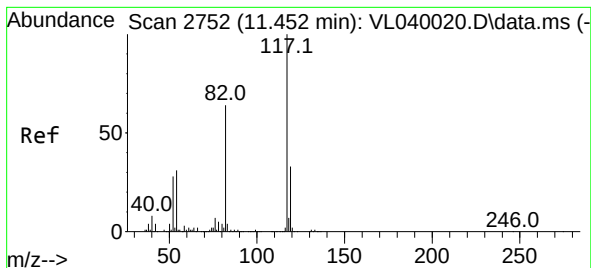
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#54
1,2-Dibromoethane
Concen: 9.016 ppbv
RT: 10.011 min Scan# 2304
Delta R.T. 0.019 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

Tgt Ion:107 Resp: 1126574
Ion Ratio Lower Upper
107 100
109 92.9 74.1 111.1





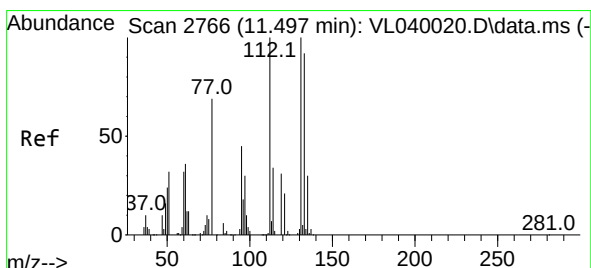
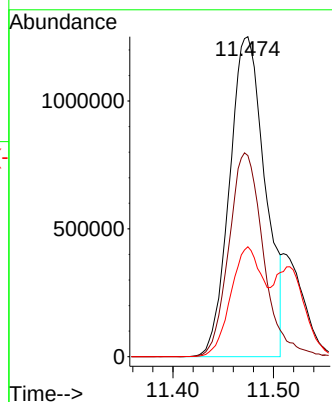
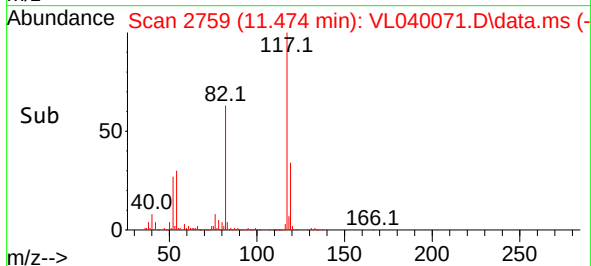
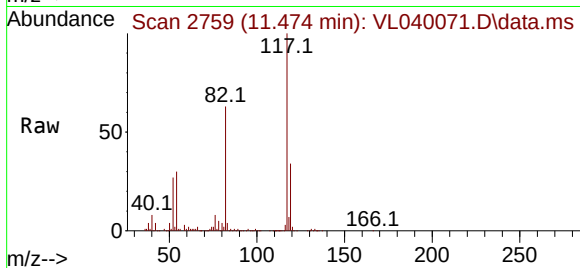
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 3074334
Ion Ratio Lower Upper
117 100
82 62.3 51.2 76.8
119 33.9 23.2 34.8

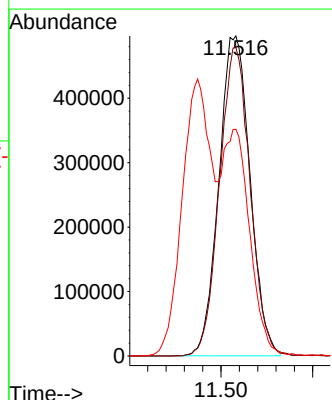
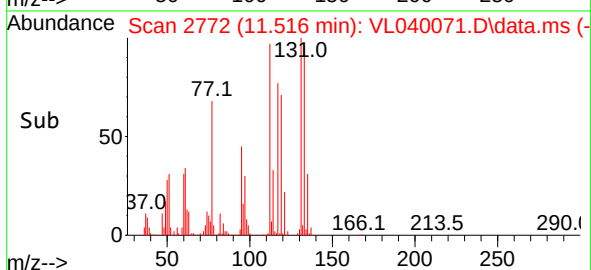
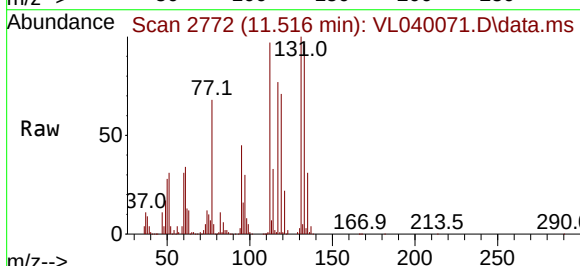
Manual Integrations
APPROVED

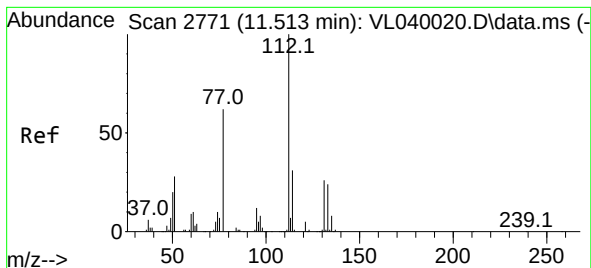
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 8.248 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.019 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

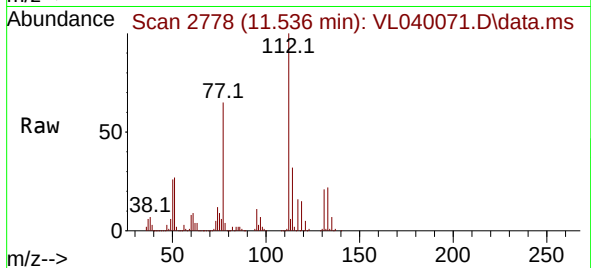
Tgt Ion:131 Resp: 1169627
Ion Ratio Lower Upper
131 100
133 95.5 75.8 113.8
119 57.5 52.3 78.5





#57
Chlorobenzene
Concen: 7.980 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

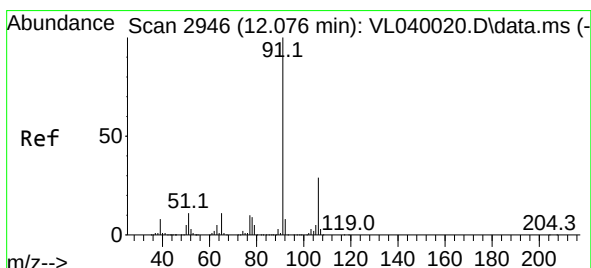
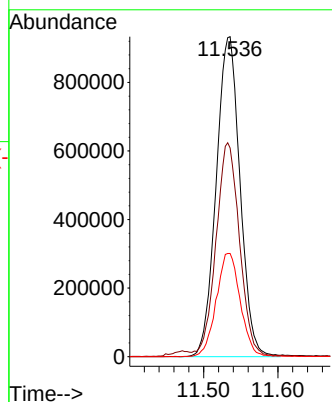
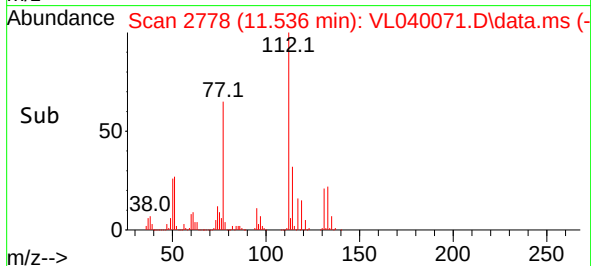
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



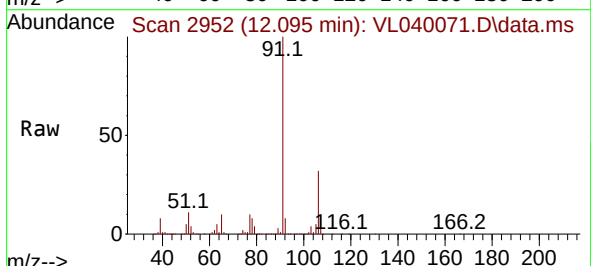
Tgt Ion:112 Resp: 208250
Ion Ratio Lower Upper
112 100
77 64.8 50.6 75.8
114 32.2 27.8 34.0

Manual Integrations
APPROVED

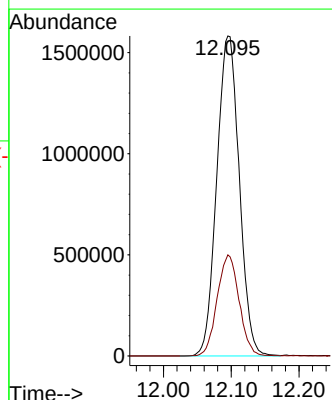
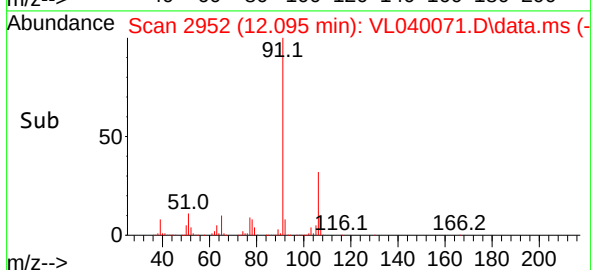
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

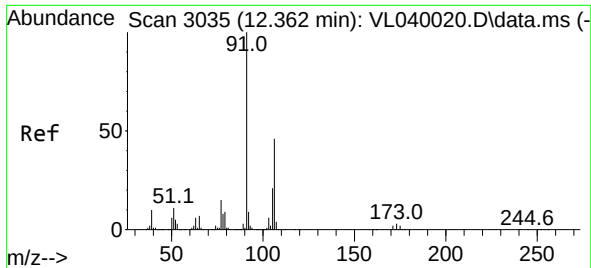


#58
Ethyl Benzene
Concen: 8.356 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. 0.019 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46



Tgt Ion: 91 Resp: 3650119
Ion Ratio Lower Upper
91 100
106 31.6 23.5 35.3





#59

m/p-Xylene

Concen: 15.916 ppbv m

RT: 12.378 min Scan# 3035

Delta R.T. 0.016 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 605648

Ion Ratio Lower Upper

91 100

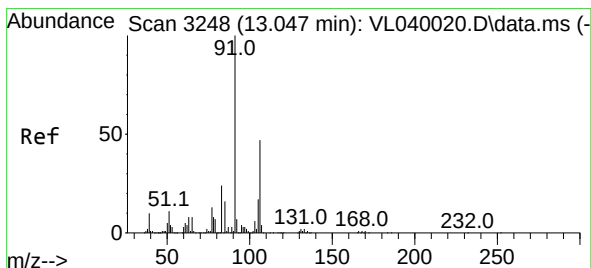
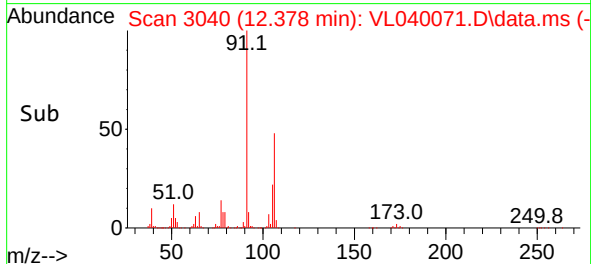
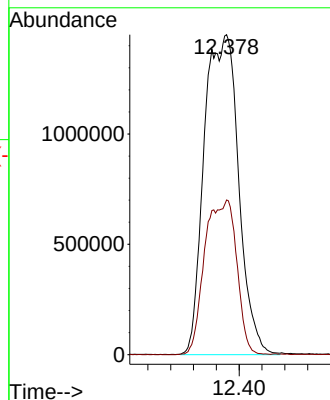
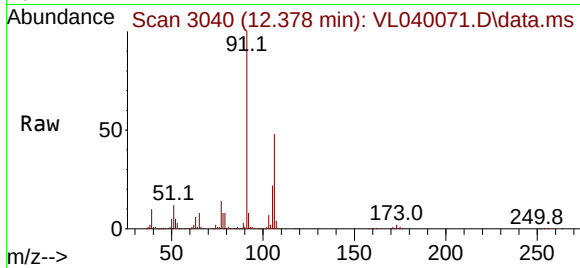
106 44.7 35.5 53.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#60

o-Xylene

Concen: 7.856 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. 0.016 min

Lab File: VL040071.D

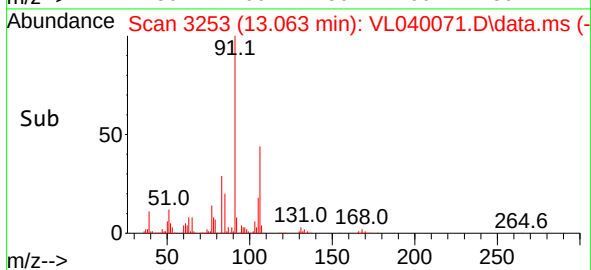
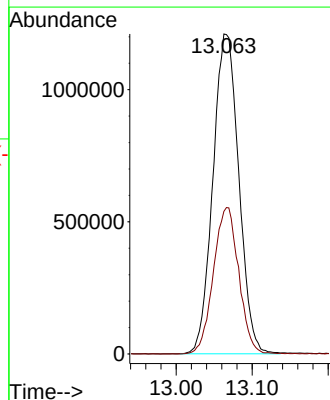
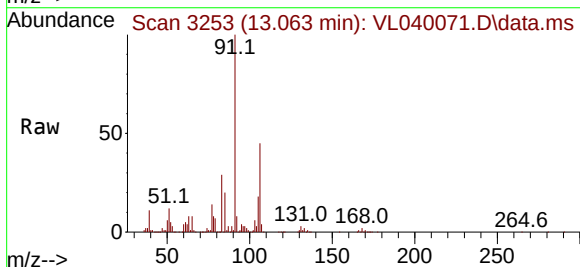
Acq: 9 Jan 2023 11:46

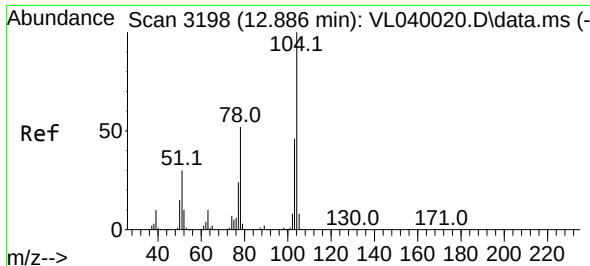
Tgt Ion: 91 Resp: 2863976

Ion Ratio Lower Upper

91 100

106 44.9 22.4 67.0





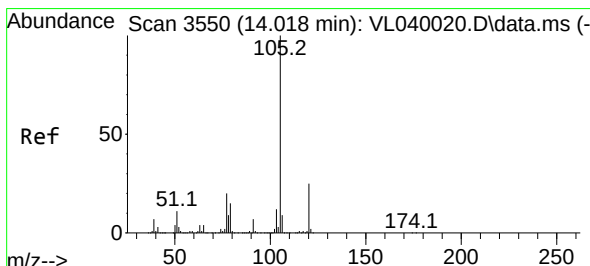
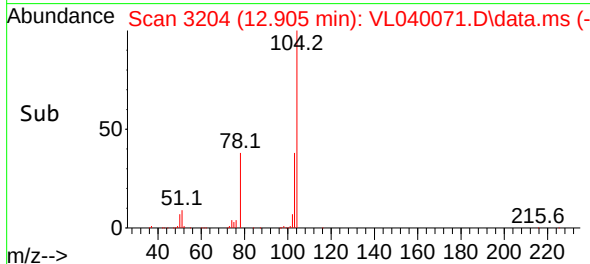
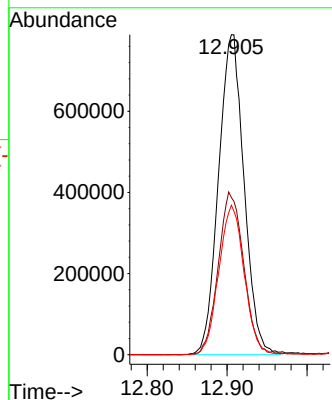
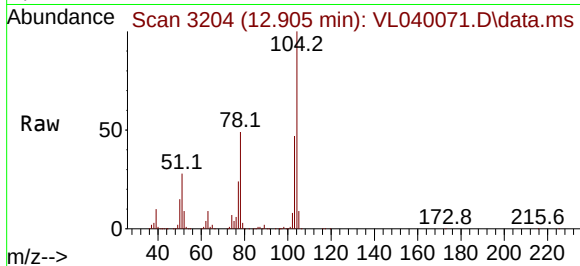
#61
Styrene
Concen: 8.916 ppbv
RT: 12.905 min Scan# 3198
Delta R.T. 0.019 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1743324
Ion Ratio Lower Upper
104 100
78 51.2 42.4 63.6
103 46.9 37.2 55.8

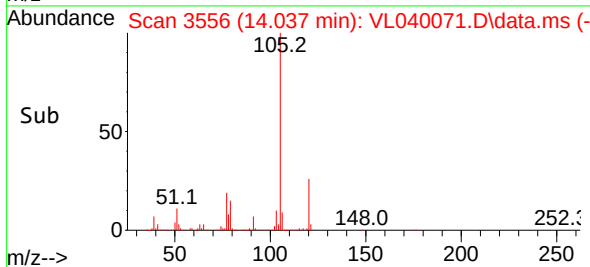
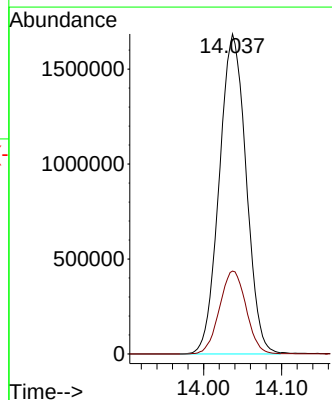
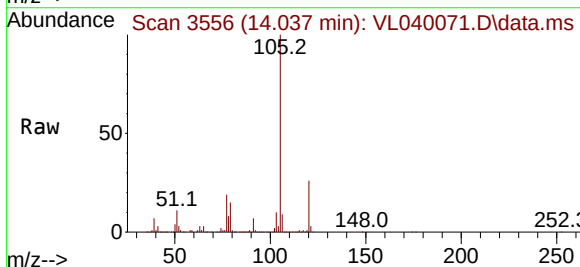
Manual Integrations
APPROVED

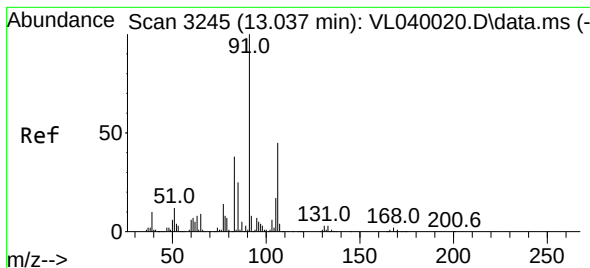
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#62
Isopropylbenzene
Concen: 7.661 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. 0.019 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

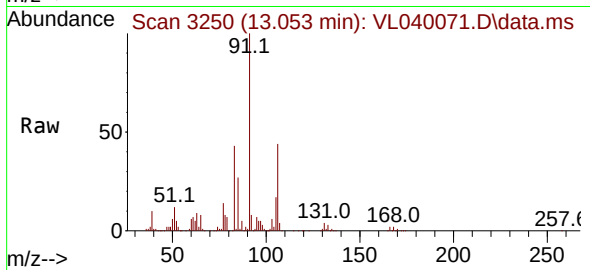
Tgt Ion:105 Resp: 4026663
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0





#63
1,1,2,2-Tetrachloroethane
Concen: 7.019 ppbv m
RT: 13.053 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

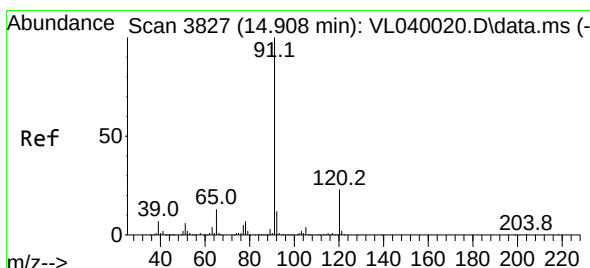
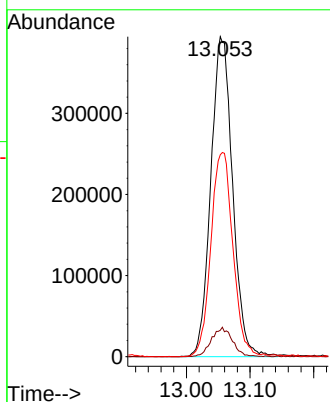
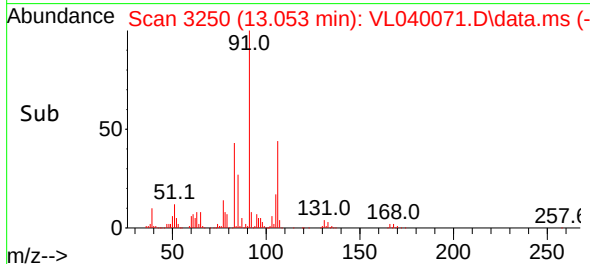
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



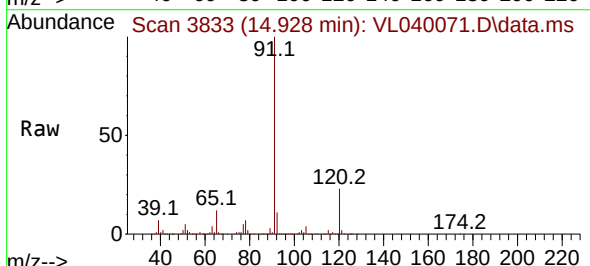
Tgt Ion: 83 Resp: 938118
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.5
85 65.2 33.3 99.9

Manual Integrations
APPROVED

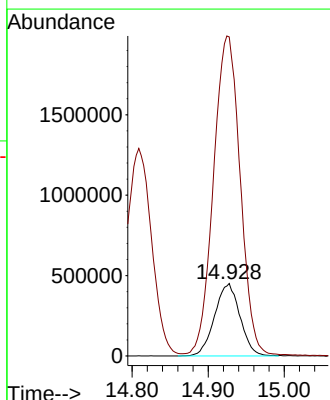
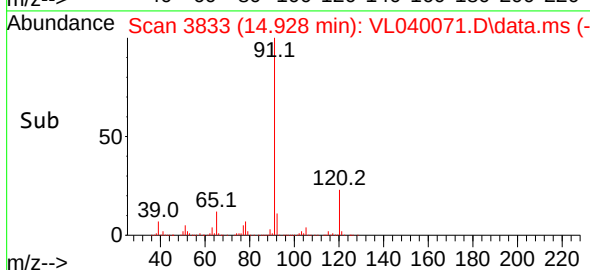
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

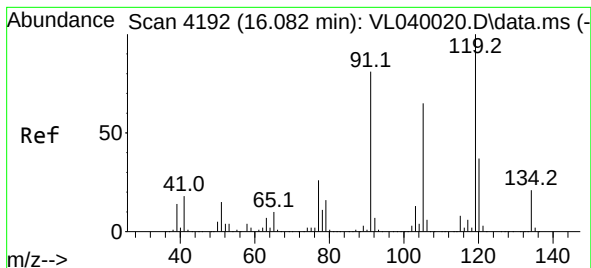


#64
n-propylbenzene
Concen: 7.852 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.019 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46



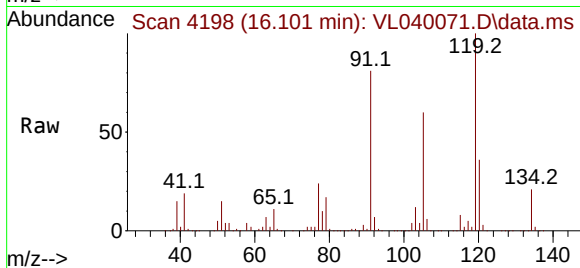
Tgt Ion:120 Resp: 1042445
Ion Ratio Lower Upper
120 100
91 467.5 384.3 576.5





#65
tert-Butylbenzene
Concen: 7.472 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.019 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

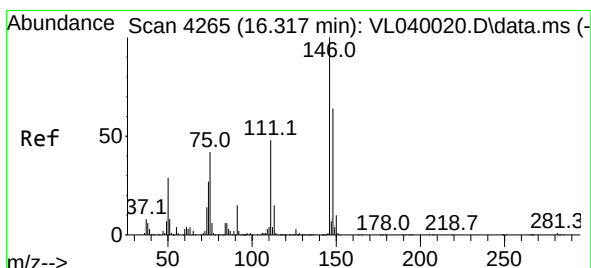
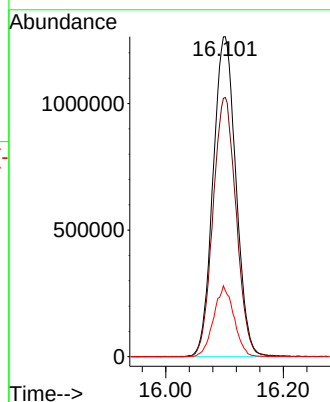
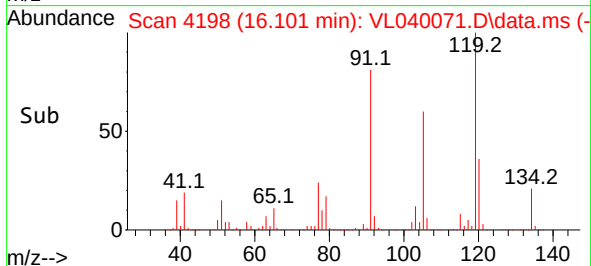
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



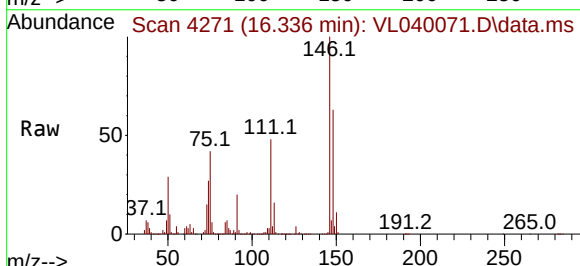
Tgt Ion: 119 Resp: 3412974
Ion Ratio Lower Upper
119 100
91 81.8 66.9 100.3
134 19.7 15.8 23.6

Manual Integrations
APPROVED

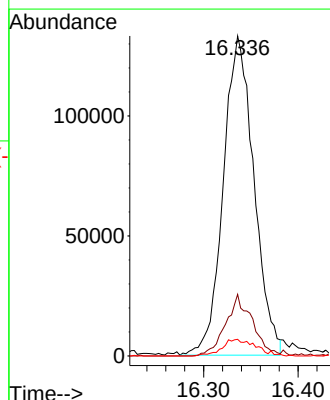
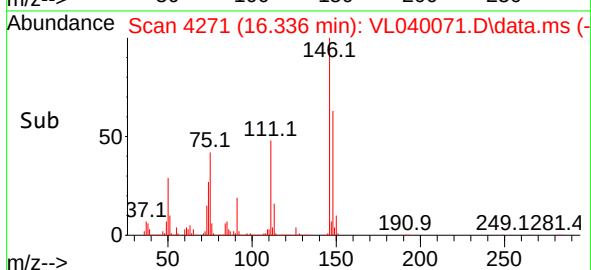
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

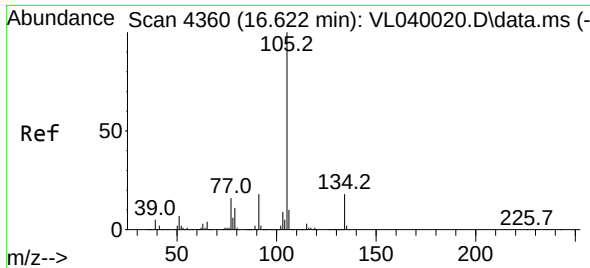


#66
Benzyl Chloride
Concen: 11.251 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.019 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46



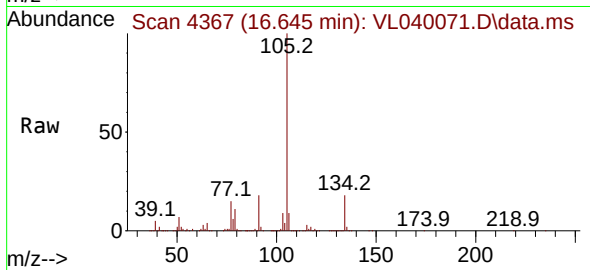
Tgt Ion: 91 Resp: 299676
Ion Ratio Lower Upper
91 100
126 17.3 12.2 18.2
128 5.8 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 7.457 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.022 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46

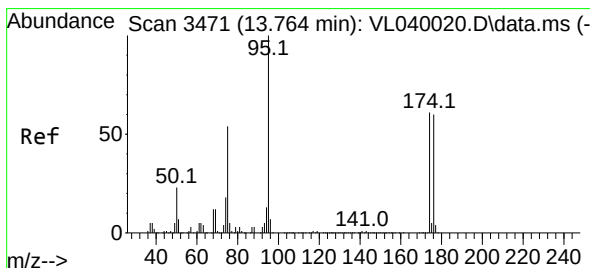
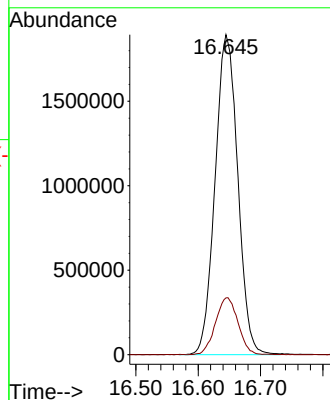
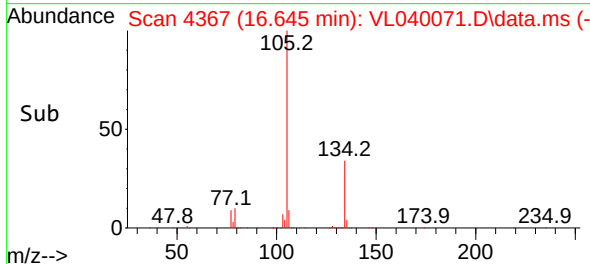
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 4772950
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.4

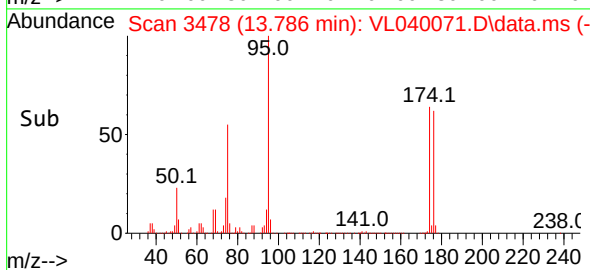
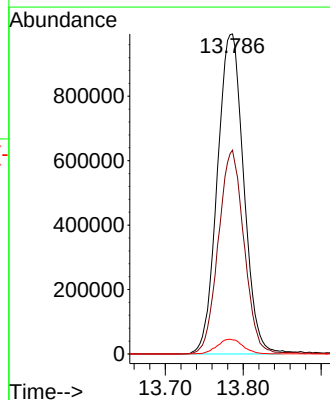
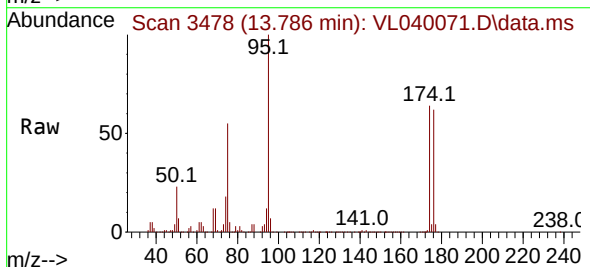
Manual Integrations
 APPROVED

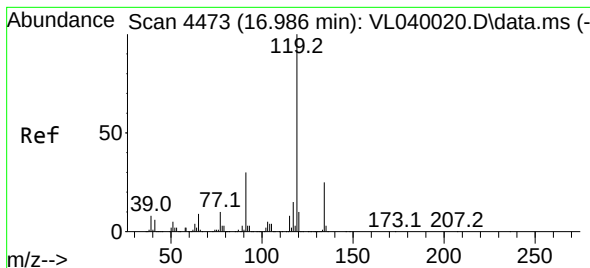
Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.931 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.022 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46

Tgt Ion: 95 Resp: 2332126
 Ion Ratio Lower Upper
 95 100
 174 62.6 48.6 73.0
 175 4.6 3.4 5.2





#69

p-Isopropyltoluene

Concen: 7.601 ppbv

RT: 17.005 min Scan# 4479

Delta R.T. 0.019 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 3886479

Ion Ratio Lower Upper

119 100

134 25.3 20.2 30.4

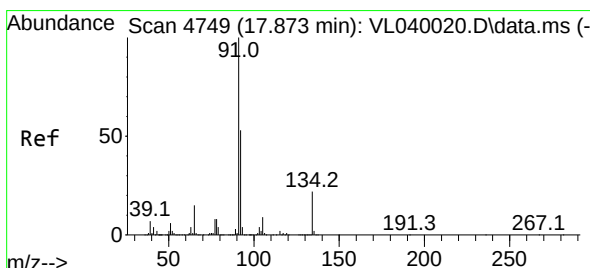
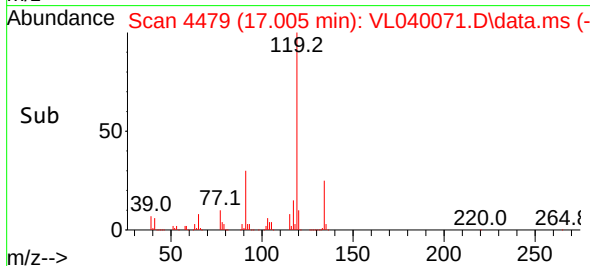
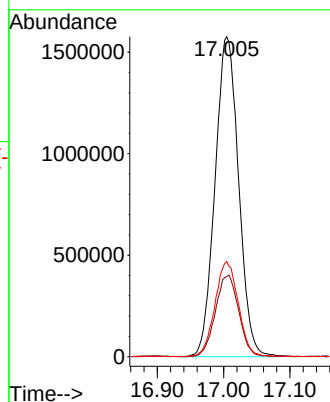
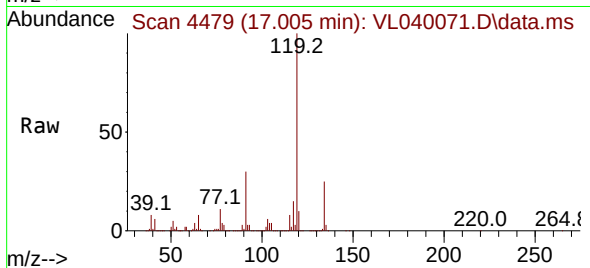
91 29.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#70

n-Butylbenzene

Concen: 7.475 ppbv

RT: 17.895 min Scan# 4756

Delta R.T. 0.022 min

Lab File: VL040071.D

Acq: 9 Jan 2023 11:46

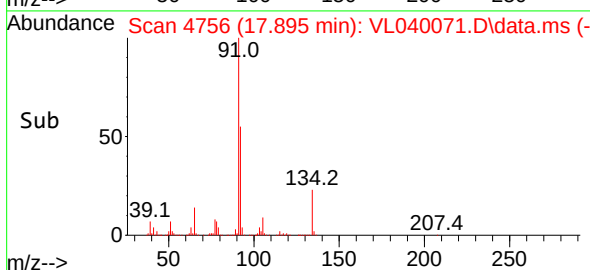
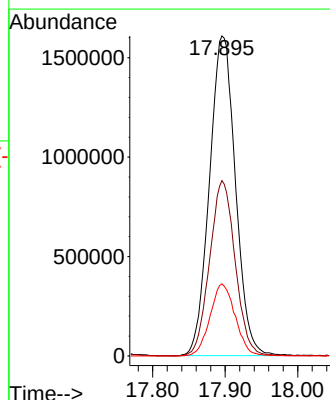
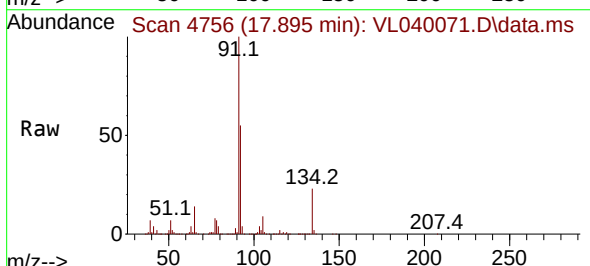
Tgt Ion: 91 Resp: 4004114

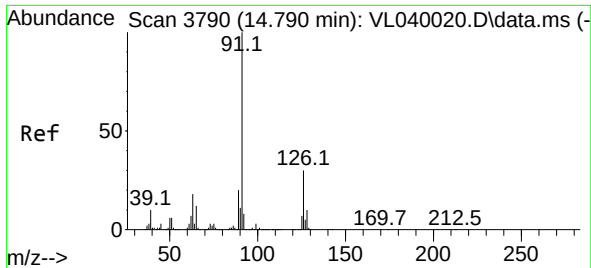
Ion Ratio Lower Upper

91 100

92 54.0 43.2 64.8

134 22.0 17.4 26.2





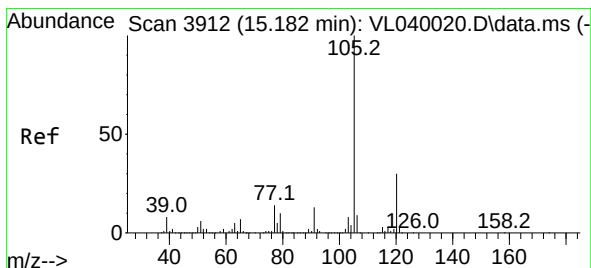
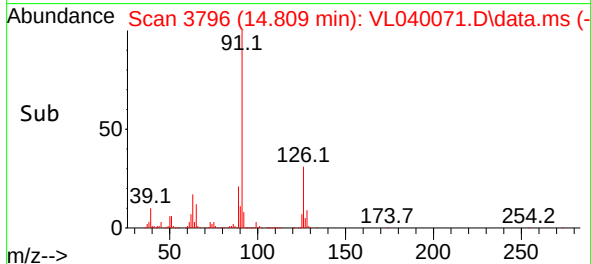
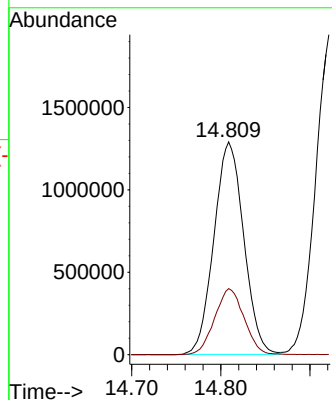
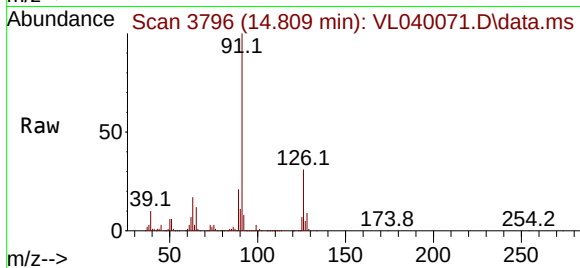
#71
2-Chlorotoluene
Concen: 7.467 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 299450
Ion Ratio Lower Upper
91 100
126 30.9 12.1 48.5

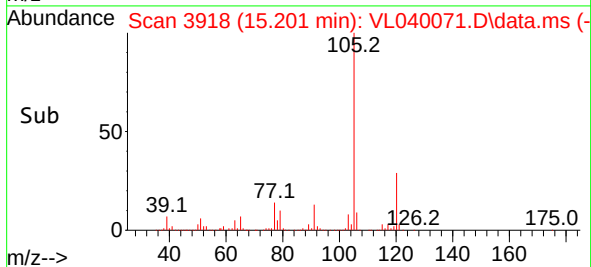
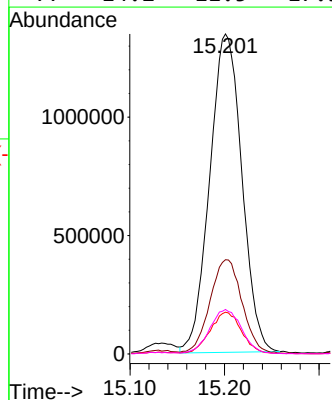
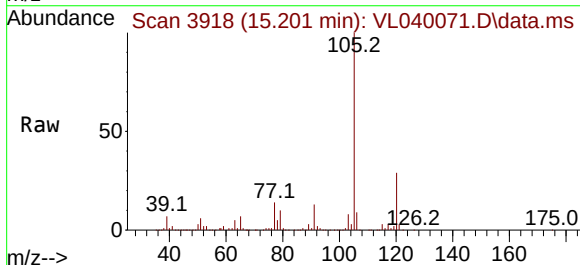
Manual Integrations
APPROVED

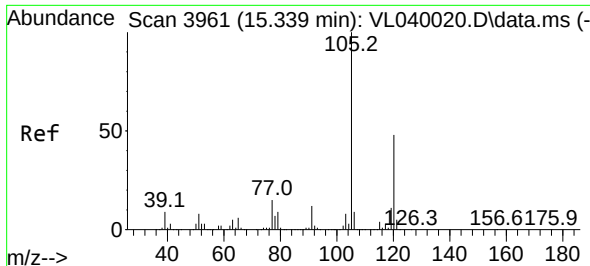
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#72
4-Ethyltoluene
Concen: 7.852 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.019 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

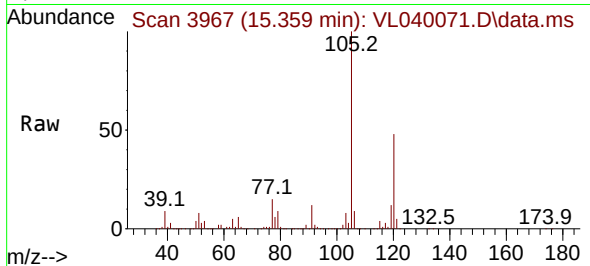
Tgt Ion:105 Resp: 3178388
Ion Ratio Lower Upper
105 100
120 29.8 23.5 35.3
91 12.7 10.5 15.7
77 14.2 11.5 17.3





#73
 1,3,5-Trimethylbenzene
 Concen: 7.673 ppbv
 RT: 15.359 min Scan# 3961
 Delta R.T. 0.019 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46

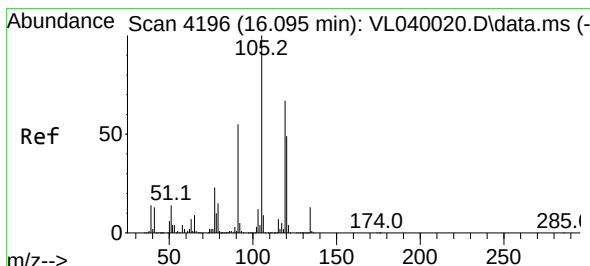
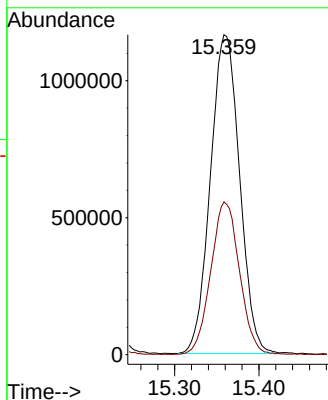
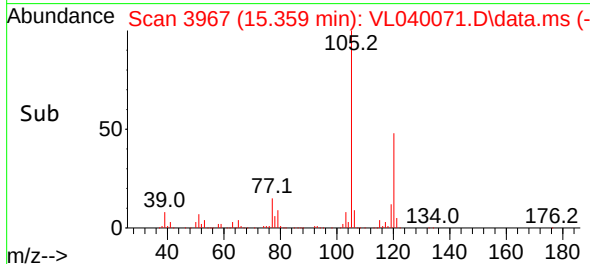
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



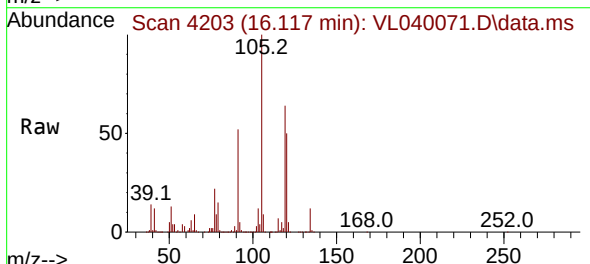
Tgt Ion:105 Resp: 2800924
 Ion Ratio Lower Upper
 105 100
 120 47.8 38.4 57.6

Manual Integrations
 APPROVED

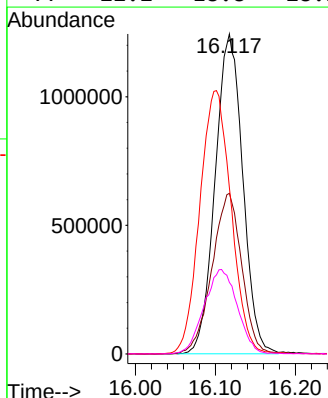
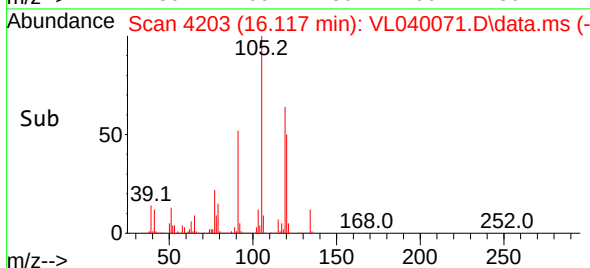
Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

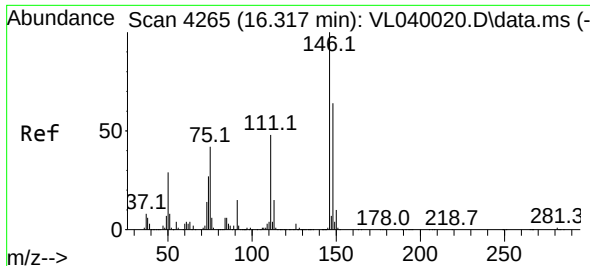


#74
 1,2,4-Trimethylbenzene
 Concen: 7.395 ppbv
 RT: 16.117 min Scan# 4203
 Delta R.T. 0.022 min
 Lab File: VL040071.D
 Acq: 9 Jan 2023 11:46



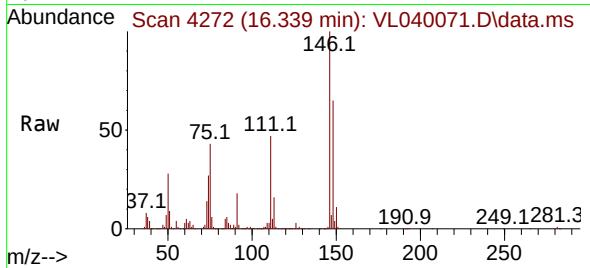
Tgt Ion:105 Resp: 2975935
 Ion Ratio Lower Upper
 105 100
 120 49.9 39.3 58.9
 91 51.6 44.2 66.4
 77 22.2 18.8 28.2





#75
1,3-Dichlorobenzene
Concen: 7.659 ppbv
RT: 16.339 min Scan# 4317
Delta R.T. 0.022 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

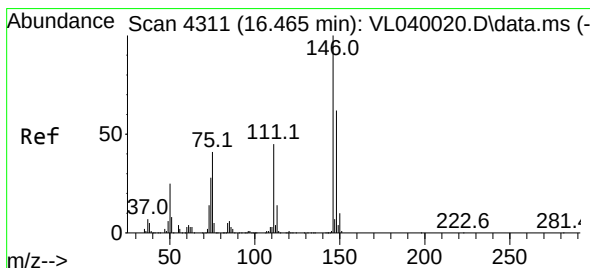
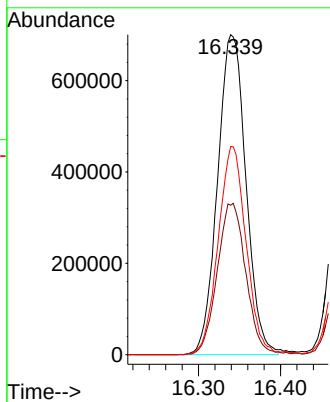
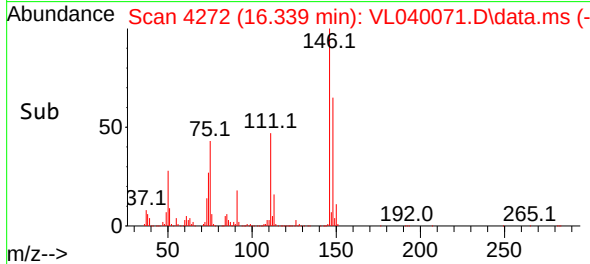
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



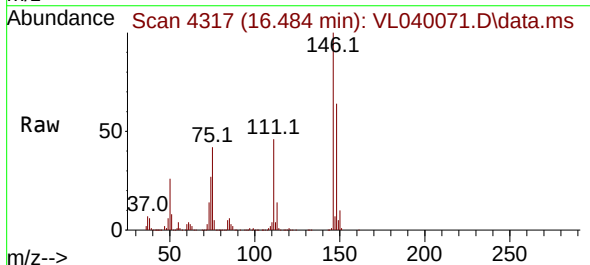
Tgt Ion:146 Resp: 1686410
Ion Ratio Lower Upper
146 100
111 47.8 23.9 71.8
148 64.3 32.0 96.2

Manual Integrations
APPROVED

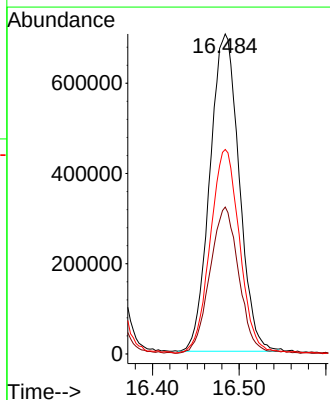
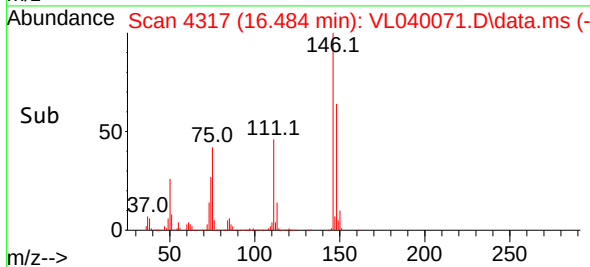
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

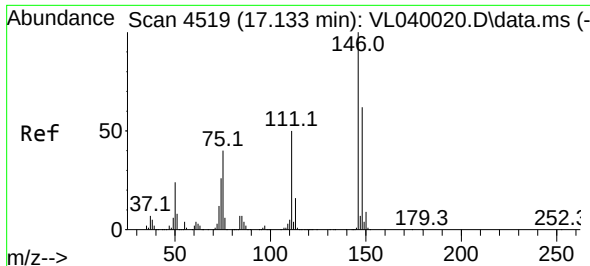


#76
1,4-Dichlorobenzene
Concen: 7.674 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.019 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46



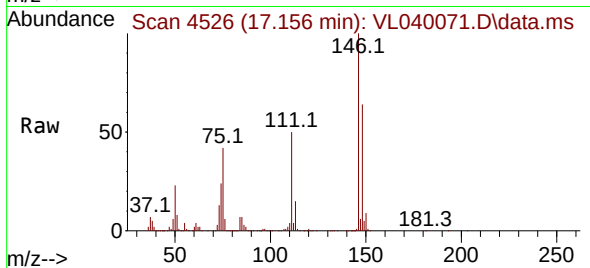
Tgt Ion:146 Resp: 1649719
Ion Ratio Lower Upper
146 100
111 46.6 23.4 70.2
148 65.5 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 7.745 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.022 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

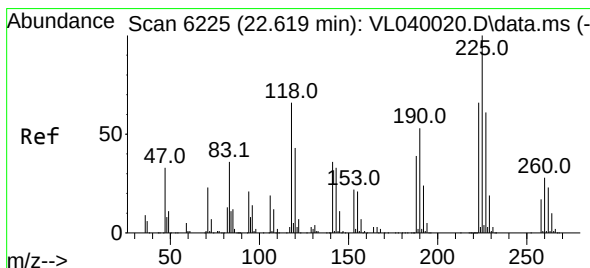
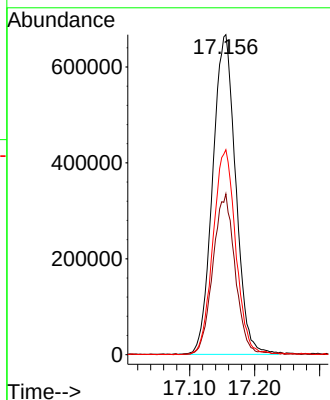
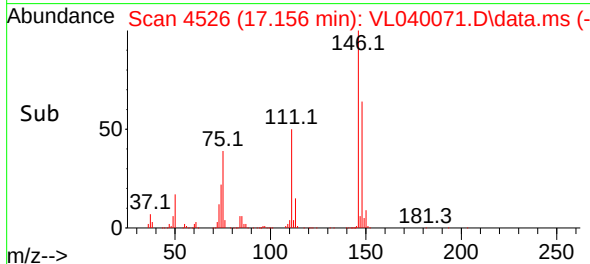
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



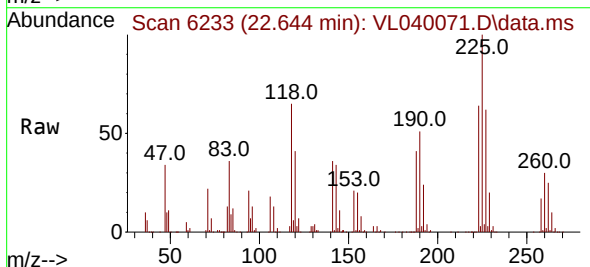
Tgt Ion:146 Resp: 1635510
Ion Ratio Lower Upper
146 100
111 48.8 25.3 75.9
148 63.7 31.9 95.9

Manual Integrations
APPROVED

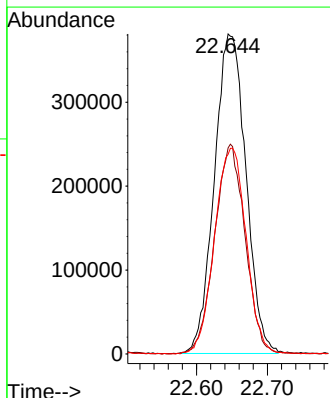
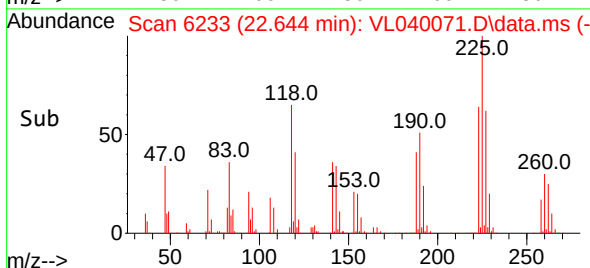
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

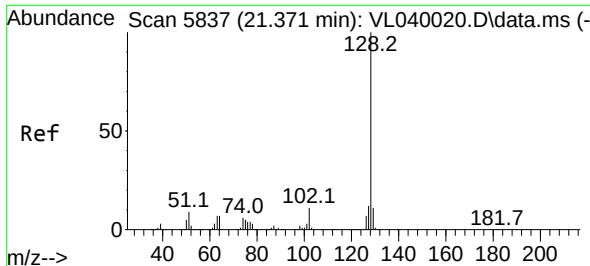


#78
Hexachloro-1,3-Butadiene
Concen: 8.041 ppbv
RT: 22.644 min Scan# 6233
Delta R.T. 0.026 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46



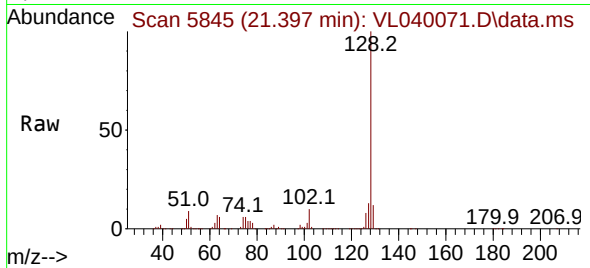
Tgt Ion:225 Resp: 1177922
Ion Ratio Lower Upper
225 100
223 63.4 0.0 0.0#
227 64.5 0.0 0.0#





#79
Naphthalene
Concen: 10.693 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.026 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46

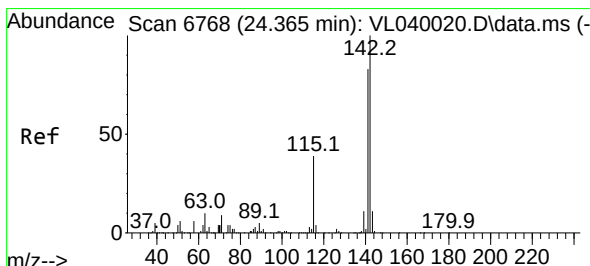
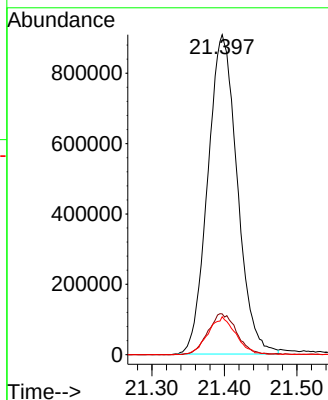
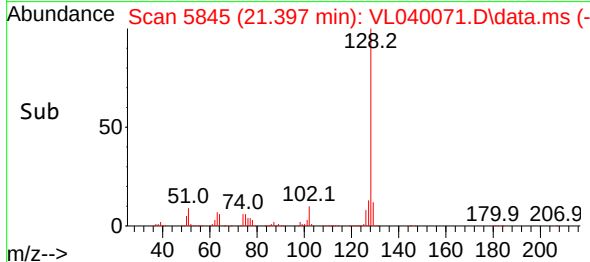
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



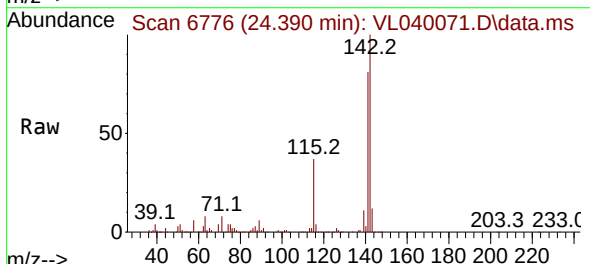
Tgt Ion:128 Resp: 256380
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.8 8.8 13.2

Manual Integrations
APPROVED

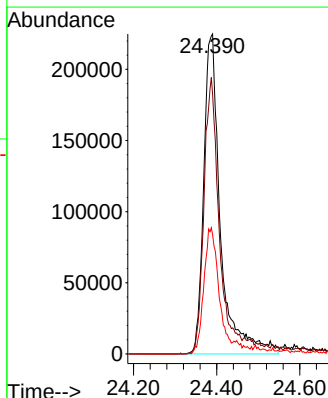
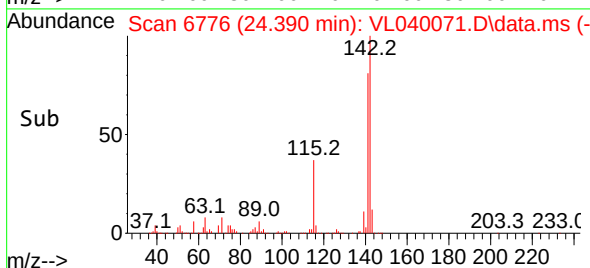
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

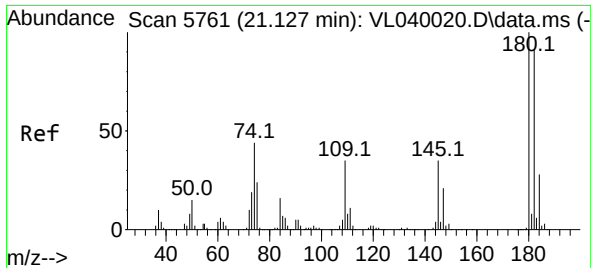


#80
Naphthalene,2-methyl-
Concen: 8.607 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.026 min
Lab File: VL040071.D
Acq: 9 Jan 2023 11:46



Tgt Ion:142 Resp: 631419
Ion Ratio Lower Upper
142 100
141 84.2 65.3 97.9
115 37.7 31.9 47.9





#81

1,2,4-Trichlorobenzene

Concen: 9.091 ppbv

RT: 21.149 min Scan# 51

Delta R.T. 0.022 min

Lab File: VL040071.D

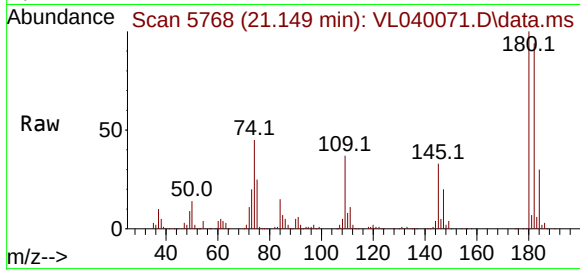
Acq: 9 Jan 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1294710

Ion Ratio Lower Upper

180 100

182 97.6 76.6 115.0

184 31.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023

