

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040126.D
 Acq On : 20 Jan 2023 8:57
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 09:36:52 2023

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

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

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	945825	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.671	114	2574427	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.490	117	2602671m	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.805 95 1906656 8.815 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 88.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	1562240	9.420	ppbv	99
3) Chlorodifluoromethane	2.671	51	1047941	9.237	ppbv	95
4) Chloromethane	2.812	50	614095	8.758	ppbv	100
5) Vinyl Chloride	2.918	62	565296	9.510	ppbv	100
6) Bromomethane	3.121	94	216554	9.984	ppbv	99
7) Chloroethane	3.198	64	209085	9.202	ppbv	99
8) Dichlorotetrafluoroethane	2.857	85	1323185	8.547	ppbv	98
9) Propene	2.690	41	474896	10.075	ppbv	99
10) Heptane	7.597	43	1161914	10.696	ppbv	99
11) Trichlorofluoromethane	3.565	101	1295130	7.825	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.073	101	998859	8.028	ppbv	94
13) Ethanol	3.240	45	25237m	5.817	ppbv	
14) Bromoethene	3.369	108	391848	8.484	ppbv	97
15) Acetone	3.468	43	983069	8.667	ppbv	97
16) 1,3-Butadiene	2.983	39	523049	9.890	ppbv	98
17) tert-Butyl alcohol	3.883	59	1159725	10.979	ppbv	100
18) 1,1-Dichloroethene	3.886	96	448223	8.291	ppbv	96
19) Isopropyl Alcohol	3.578	45	492976	8.882	ppbv	98
20) Methylene Chloride	3.938	84	394981	7.893	ppbv	93
21) Allyl Chloride	4.002	41	699128	9.599	ppbv	96
22) trans-1,2-Dichloroethene	4.455	96	463604	8.393	ppbv	93
23) Vinyl Acetate	4.635	43	145204m	3.949	ppbv	
24) 1,1-Dichloroethane	4.571	63	992304	8.912	ppbv	99
25) Ethyl Acetate	5.211	43	2340908	11.714	ppbv	98
26) Hexane	5.224	57	919169	10.510	ppbv	92
27) Carbon Disulfide	4.131	76	1097768	9.689	ppbv	98
28) Methyl tert-Butyl Ether	4.594	73	944438	9.599	ppbv	98
29) Chloroform	5.285	83	1347574	9.637	ppbv	98
30) Cyclohexane	6.619	84	790971	11.377	ppbv	95
31) cis-1,2-Dichloroethene	5.089	61	767249	9.062	ppbv	94
32) 1,1,1-Trichloroethane	6.018	97	1329602	9.355	ppbv	100
34) 2-Butanone	4.793	43	1119235	9.191	ppbv	98
35) Carbon Tetrachloride	6.510	117	1347230	9.255	ppbv	99
36) Benzene	6.385	78	1955343	10.264	ppbv	99
37) 1,2-Dichloroethane	5.819	62	1044901	8.533	ppbv	97
38) Trichloroethene	7.311	130	882588	8.163	ppbv	95
39) 1,2-Dichloropropane	7.089	63	746794	10.021	ppbv	92
40) 1,4-Dioxane	7.307	88	288376	9.751	ppbv	90
41) Tetrahydrofuran	5.568	42	781233	11.115	ppbv	100
42) Bromodichloromethane	7.266	83	1504528	9.099	ppbv	100
43) Methyl Methacrylate	7.494	69	813304	11.633	ppbv	96
44) 2,2,4-Trimethylpentane	7.346	57	3230023	10.195	ppbv	97
45) t-1,3-Dichloropropene	8.728	75	680383	10.914	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040126.D
 Acq On : 20 Jan 2023 8:57
 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 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 09:36:52 2023

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

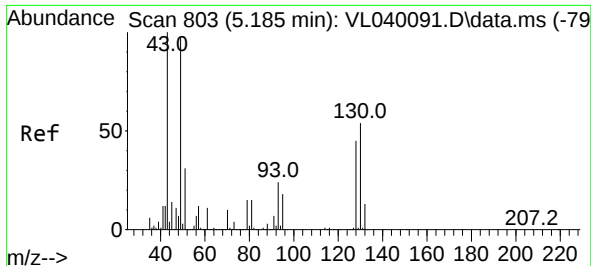
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

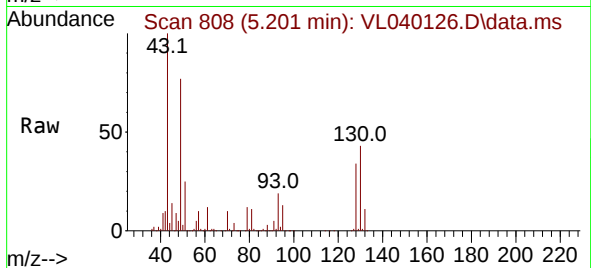
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.163	75	956740	11.231	ppbv	92
47) 1,1,2-Trichloroethane	8.921	97	788476	10.050	ppbv	100
48) Dibromochloromethane	9.735	129	1256954	9.968	ppbv	99
49) Bromoform	12.436	173	1049705	10.806	ppbv	99
50) 4-Methyl-2-Pentanone	8.201	43	1942703	10.143	ppbv	98
51) 2-Hexanone	9.571	43	1511517	10.416	ppbv #	94
52) Tetrachloroethene	10.638	164	651341	10.451	ppbv	97
53) Toluene	9.243	91	2203318	10.843	ppbv	100
54) 1,2-Dibromoethane	10.031	107	978141	11.908	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.532	131	950806	9.386	ppbv	98
57) Chlorobenzene	11.552	112	1615996	9.109	ppbv	95
58) Ethyl Benzene	12.111	91	2904345	10.000	ppbv	96
59) m/p-Xylene	12.397	91	4802708m	18.391	ppbv	
60) o-Xylene	13.085	91	2288449	9.232	ppbv	96
61) Styrene	12.924	104	1396726	10.813	ppbv	96
62) Isopropylbenzene	14.056	105	3520145	9.873	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.076	83	1274123	14.156	ppbv	99
64) n-propylbenzene	14.940	120	903587	10.195	ppbv	90
65) tert-Butylbenzene	16.120	119	3047512	9.984	ppbv	94
66) Benzyl Chloride	16.358	91	163891m	7.856	ppbv	
67) sec-Butylbenzene	16.664	105	4281213	9.893	ppbv	99
69) p-Isopropyltoluene	17.024	119	3470318	10.205	ppbv	98
70) n-Butylbenzene	17.918	91	3529800	9.625	ppbv	99
71) 2-Chlorotoluene	14.825	91	2628601	9.586	ppbv	98
72) 4-Ethyltoluene	15.217	105	2658483	9.665	ppbv	98
73) 1,3,5-Trimethylbenzene	15.378	105	2380250	9.611	ppbv	95
74) 1,2,4-Trimethylbenzene	16.137	105	2507086	9.138	ppbv	99
75) 1,3-Dichlorobenzene	16.362	146	1399321	9.184	ppbv	99
76) 1,4-Dichlorobenzene	16.503	146	1363144	9.099	ppbv	99
77) 1,2-Dichlorobenzene	17.172	146	1366376	9.377	ppbv	98
78) Hexachloro-1,3-Butadiene	22.667	225	938802	8.796	ppbv	99
79) Naphthalene	21.416	128	2003107	12.745	ppbv	99
80) Naphthalene,2-methyl-	24.400	142	551268	10.410	ppbv	99
81) 1,2,4-Trichlorobenzene	21.175	180	996395	10.286	ppbv	97

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

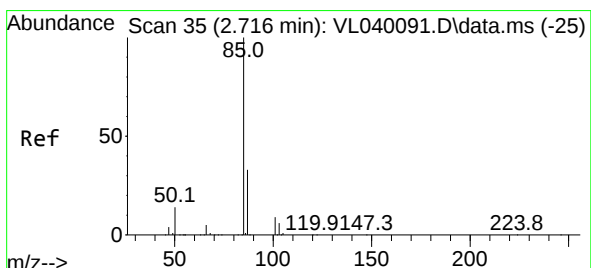
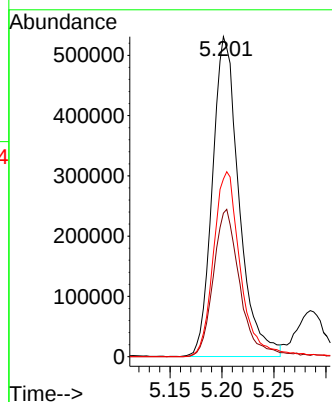
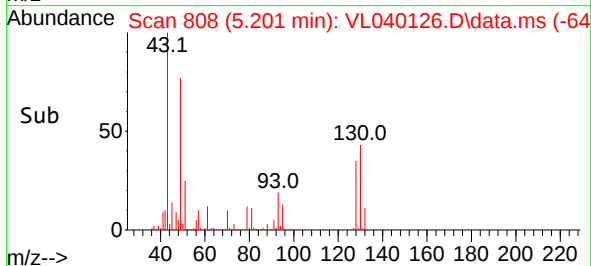
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 945825
Ion Ratio Lower Upper
49 100
128 47.3 23.6 71.0
130 59.6 29.8 89.3

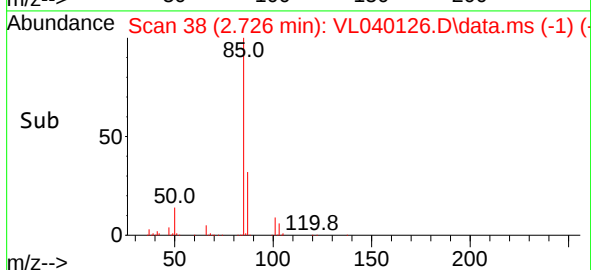
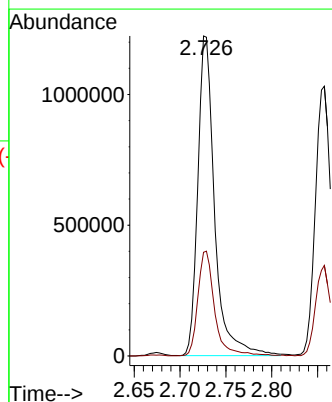
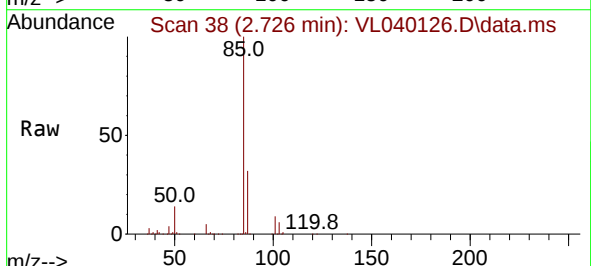
Manual Integrations
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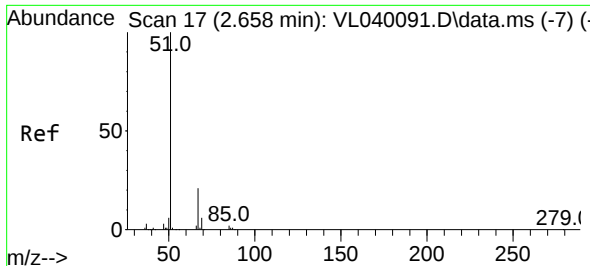
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#2
Dichlorodifluoromethane
Concen: 9.420 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.010 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

Tgt Ion: 85 Resp: 1562240
Ion Ratio Lower Upper
85 100
87 32.3 26.5 39.7





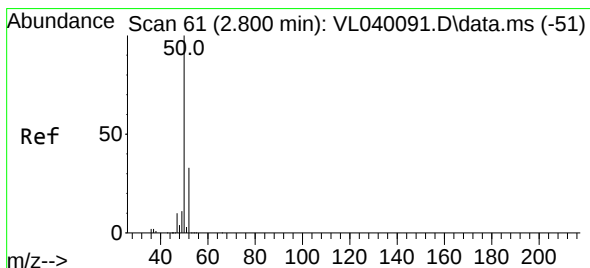
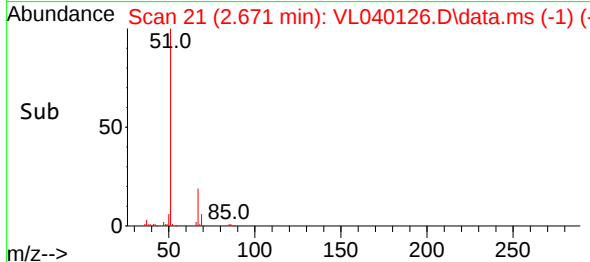
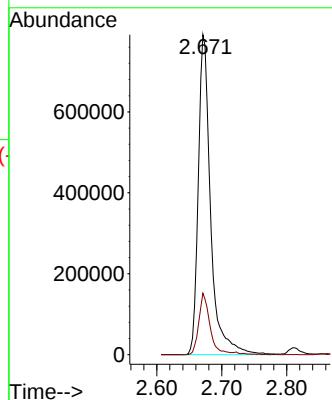
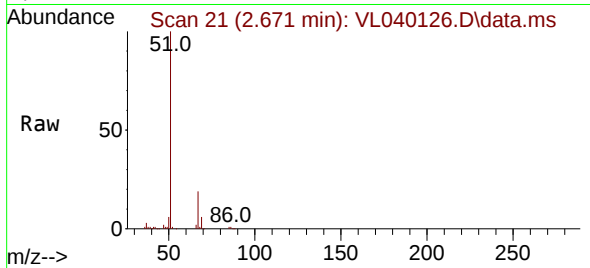
#3
Chlorodifluoromethane
Concen: 9.237 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 104794
Ion Ratio Lower Upper
51 100
67 18.1 16.4 24.6

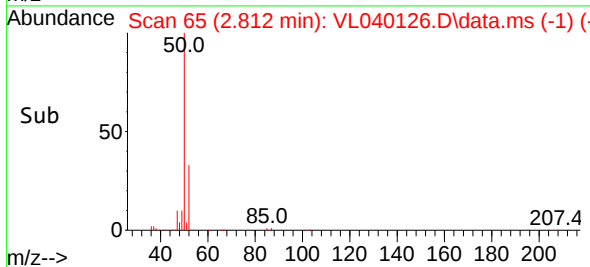
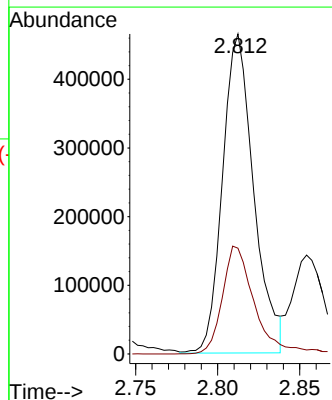
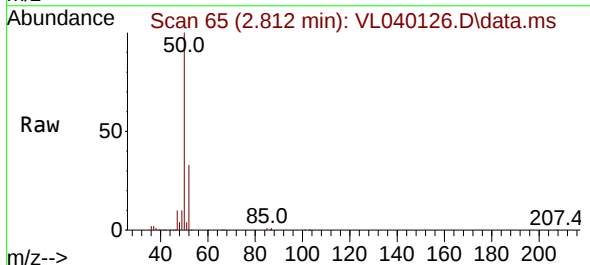
Manual Integrations
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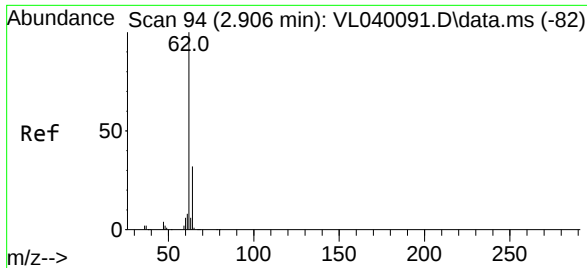
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#4
Chloromethane
Concen: 8.758 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.013 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

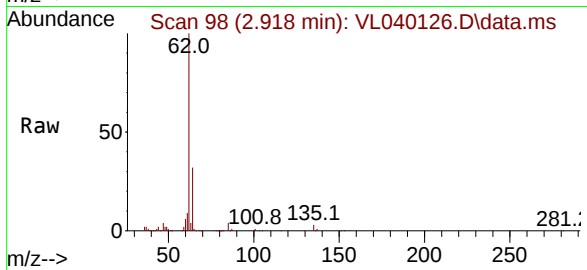
Tgt Ion: 50 Resp: 614095
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.510 ppbv
 RT: 2.918 min Scan# 94
 Delta R.T. 0.013 min
 Lab File: VL040126.D
 Acq: 20 Jan 2023 8:57

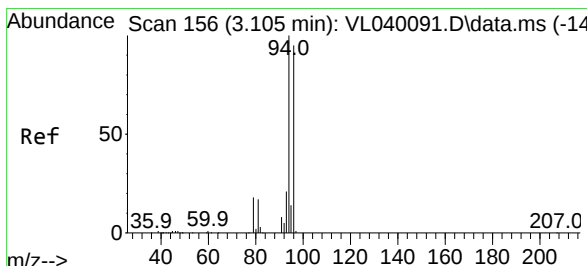
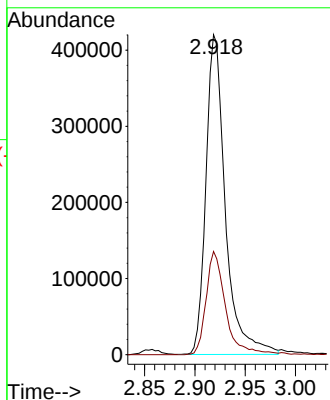
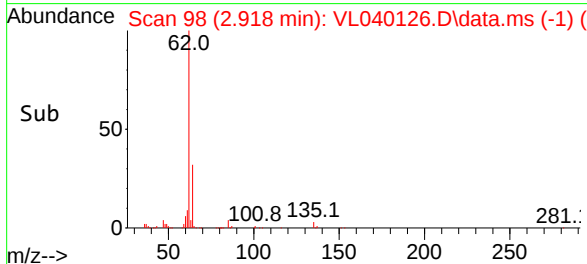
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



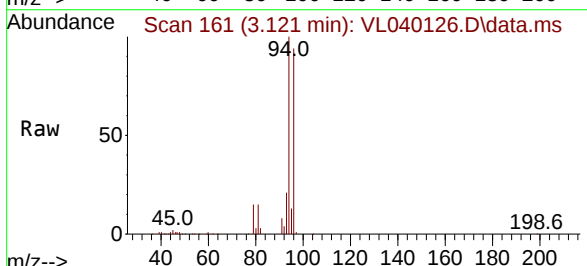
Tgt Ion: 62 Resp: 565290
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.8 38.6

Manual Integrations
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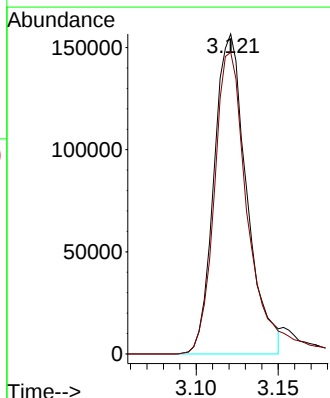
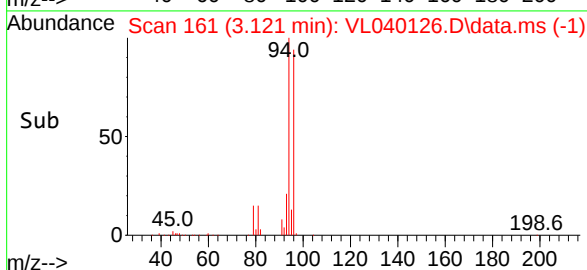
Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#6
 Bromomethane
 Concen: 9.984 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.016 min
 Lab File: VL040126.D
 Acq: 20 Jan 2023 8:57



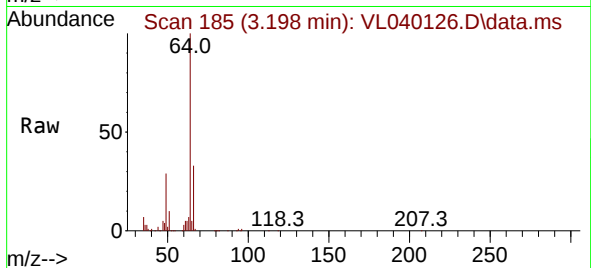
Tgt Ion: 94 Resp: 216554
 Ion Ratio Lower Upper
 94 100
 96 94.3 76.2 114.2





#7
Chloroethane
Concen: 9.202 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

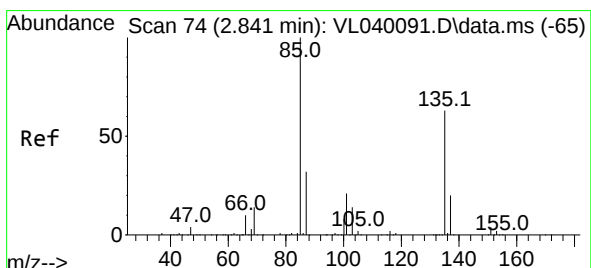
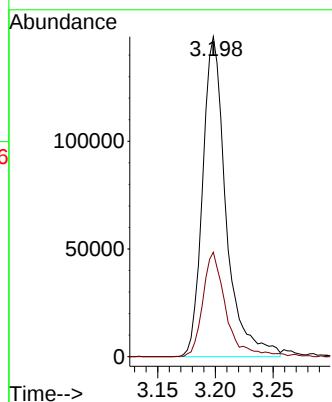
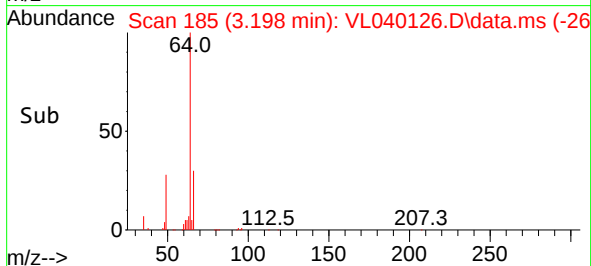
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 209085
Ion Ratio Lower Upper
64 100
66 32.7 25.6 38.4

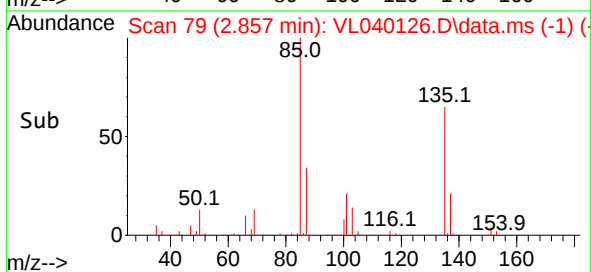
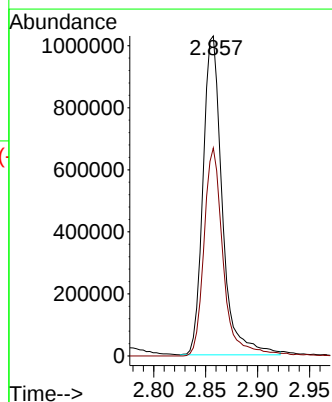
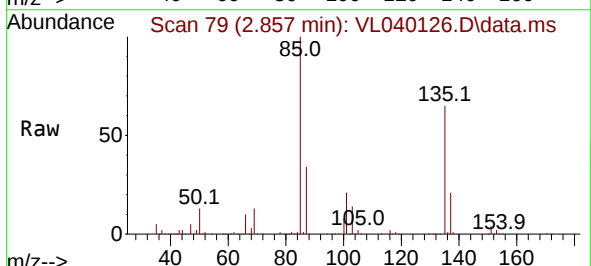
Manual Integrations
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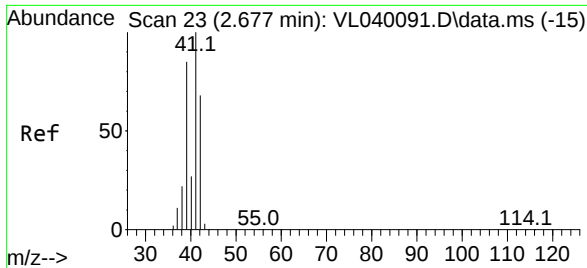
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#8
Dichlorotetrafluoroethane
Concen: 8.547 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

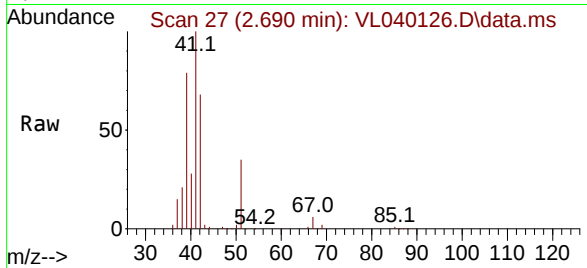
Tgt Ion: 85 Resp: 1323185
Ion Ratio Lower Upper
85 100
135 65.9 51.4 77.2





#9
Propene
Concen: 10.075 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

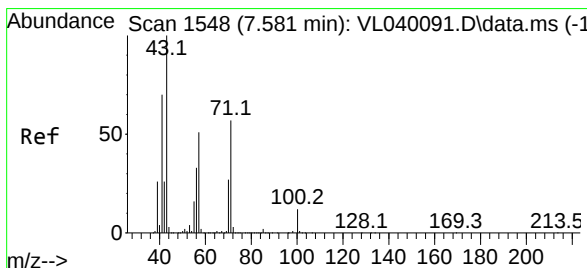
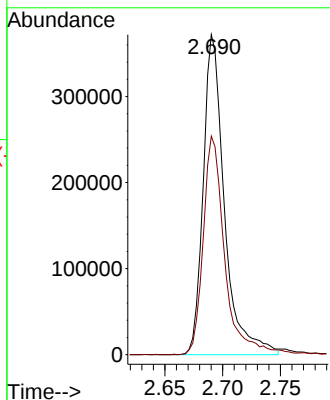
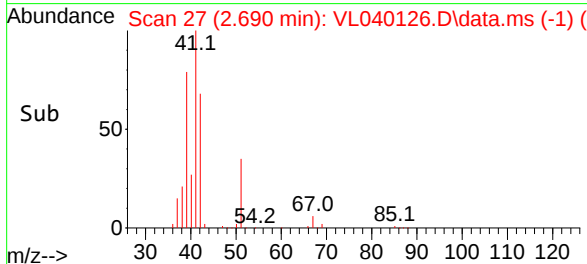
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 41 Resp: 474890
Ion Ratio Lower Upper
41 100
42 70.0 55.6 83.4

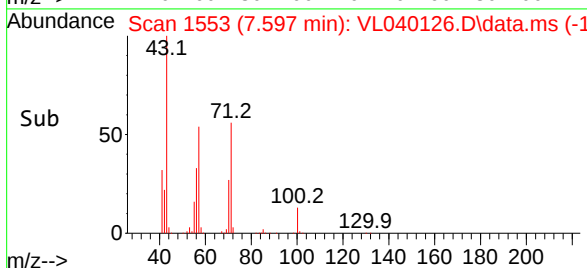
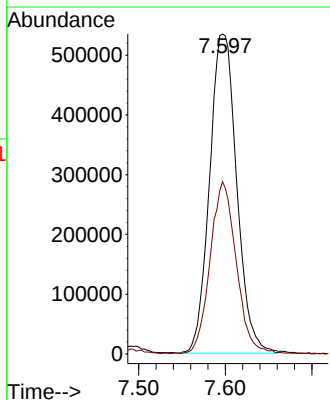
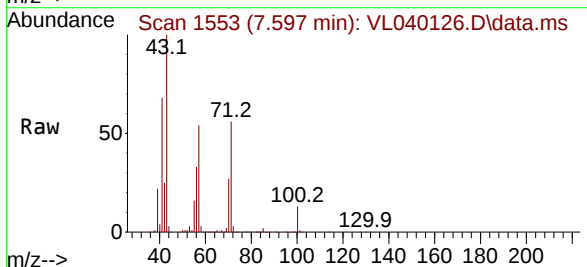
Manual Integrations
APPROVED

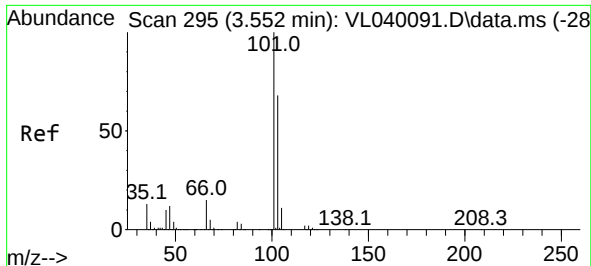
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#10
Heptane
Concen: 10.696 ppbv
RT: 7.597 min Scan# 1553
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

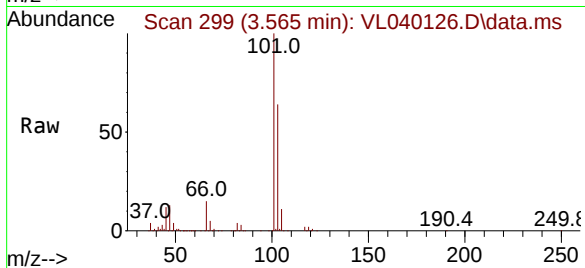
Tgt Ion: 43 Resp: 1161914
Ion Ratio Lower Upper
43 100
57 52.0 40.9 61.3





#11
Trichlorofluoromethane
Concen: 7.825 ppbv
RT: 3.565 min Scan# 295
Delta R.T. 0.013 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

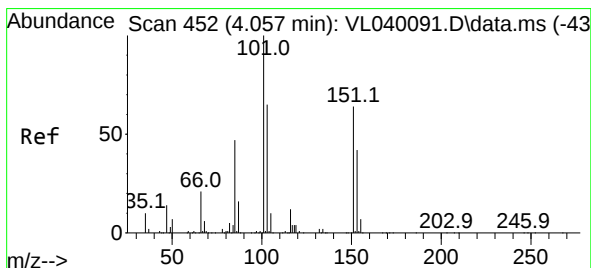
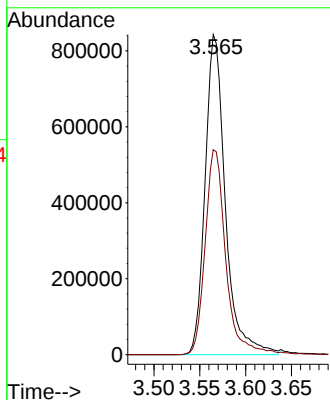
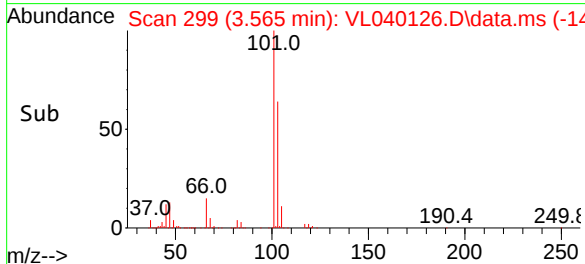
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



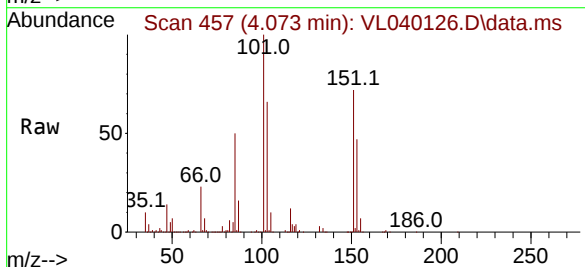
Tgt Ion:101 Resp: 1295130
Ion Ratio Lower Upper
101 100
103 64.0 54.0 81.0

Manual Integrations
APPROVED

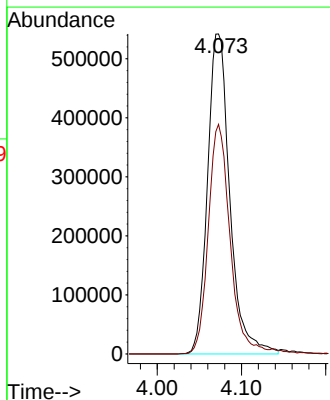
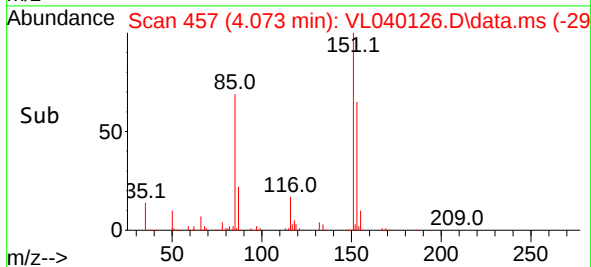
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

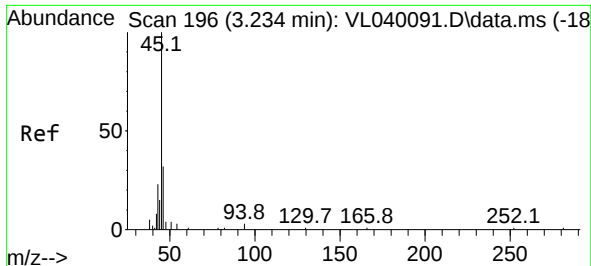


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.028 ppbv
RT: 4.073 min Scan# 457
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57



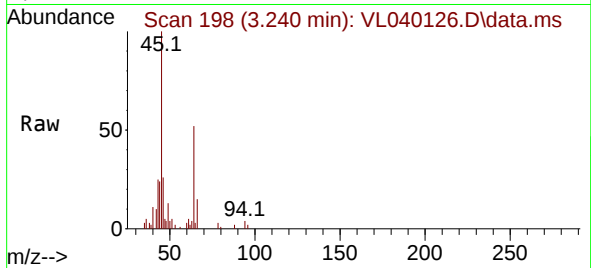
Tgt Ion:101 Resp: 998859
Ion Ratio Lower Upper
101 100
151 70.9 53.2 79.8





#13
Ethanol
Concen: 5.817 ppbv m
RT: 3.240 min Scan# 196
Delta R.T. 0.006 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

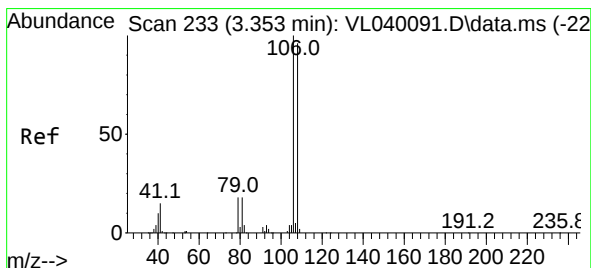
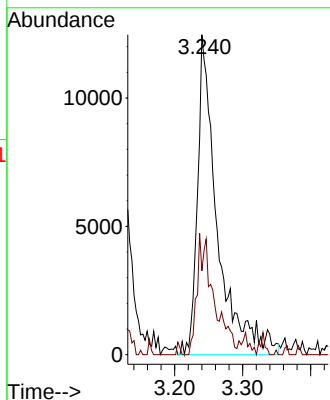
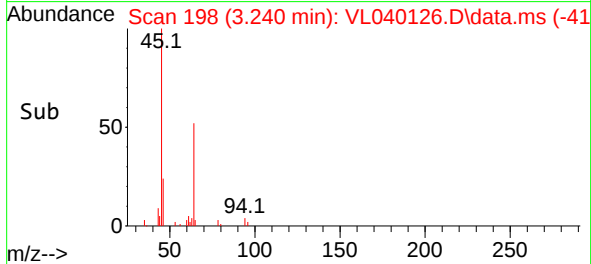
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



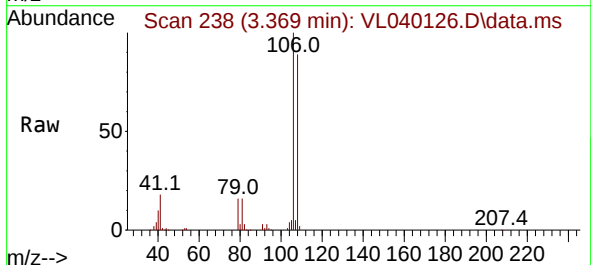
Tgt Ion: 45 Resp: 2523
Ion Ratio Lower Upper
45 100
46 35.5 14.8 59.2

Manual Integrations
APPROVED

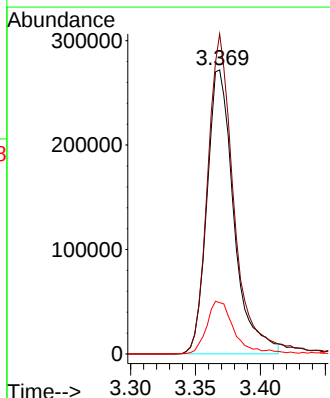
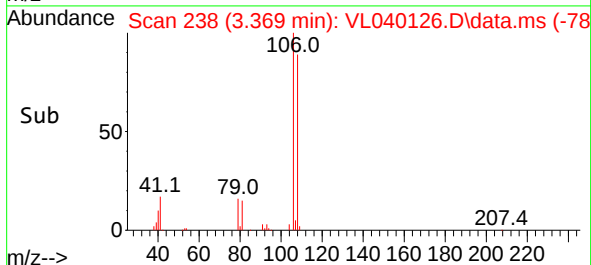
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

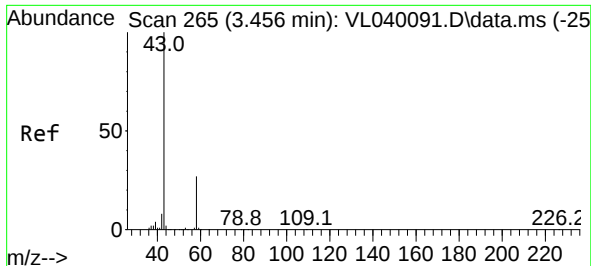


#14
Bromoethene
Concen: 8.484 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57



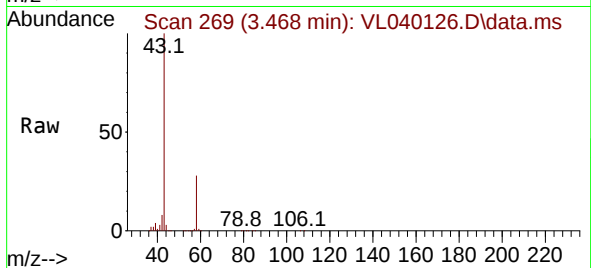
Tgt Ion:108 Resp: 391848
Ion Ratio Lower Upper
108 100
106 112.2 87.0 130.6
79 19.8 16.1 24.1





#15
Acetone
Concen: 8.667 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

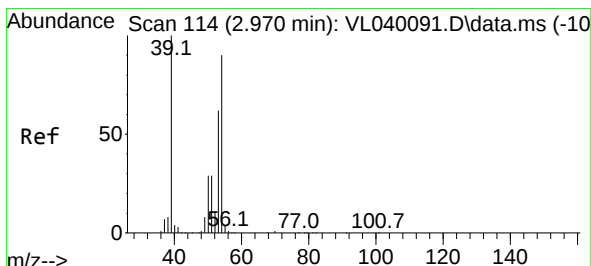
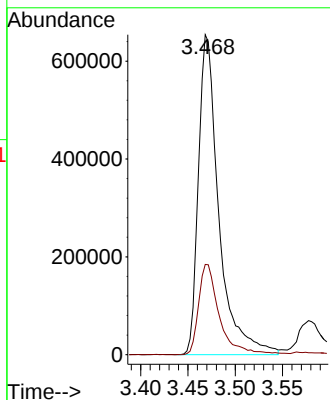
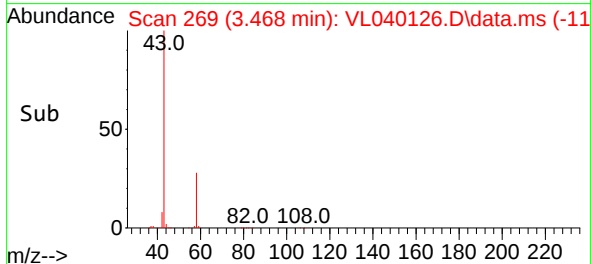
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 983069
Ion Ratio Lower Upper
43 100
58 28.7 21.8 32.8

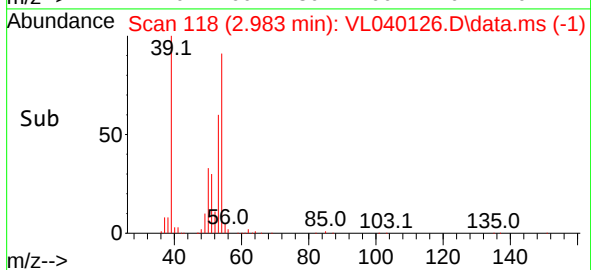
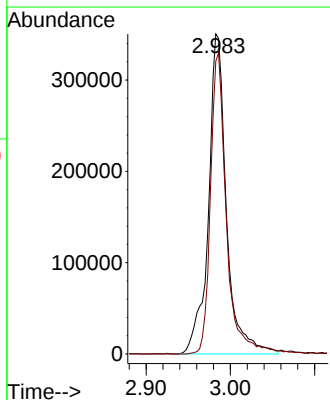
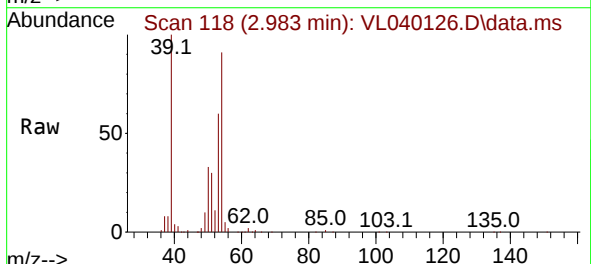
Manual Integrations
APPROVED

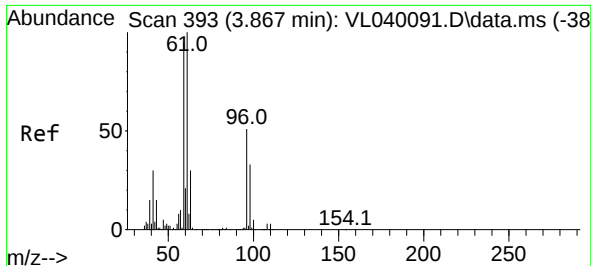
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#16
1,3-Butadiene
Concen: 9.890 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.013 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

Tgt Ion: 39 Resp: 523049
Ion Ratio Lower Upper
39 100
54 83.3 67.9 101.9





#17

tert-Butyl alcohol

Concen: 10.979 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.016 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 115972

Ion Ratio Lower Upper

59 100

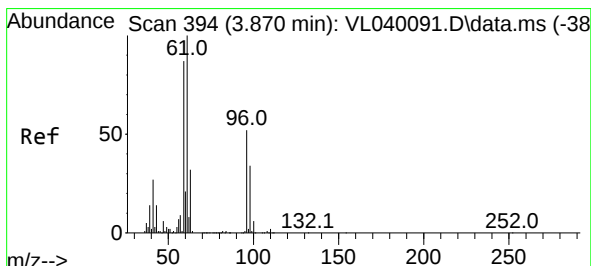
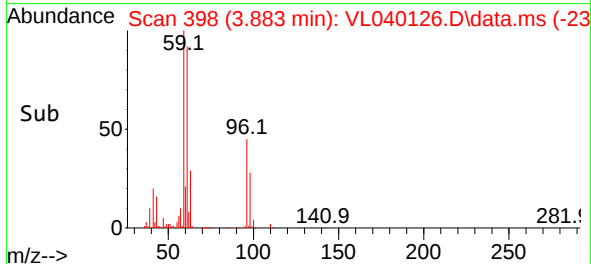
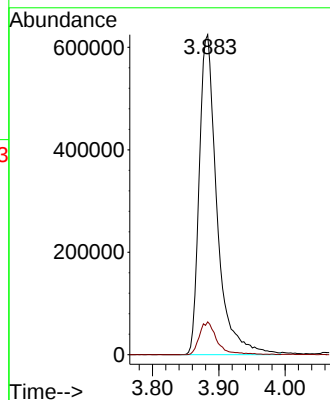
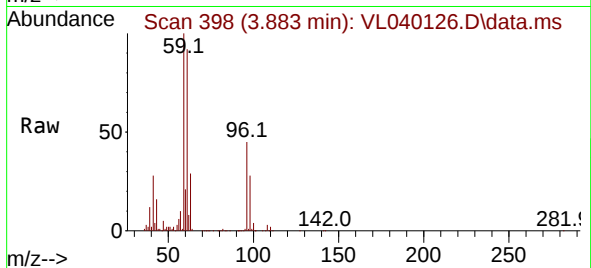
57 10.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#18

1,1-Dichloroethene

Concen: 8.291 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.016 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

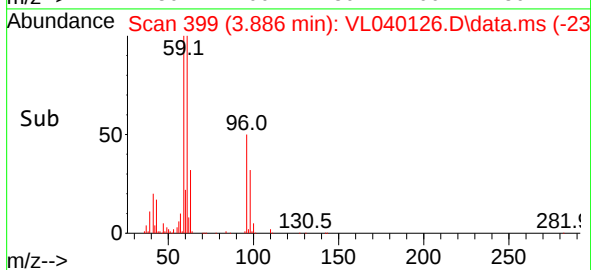
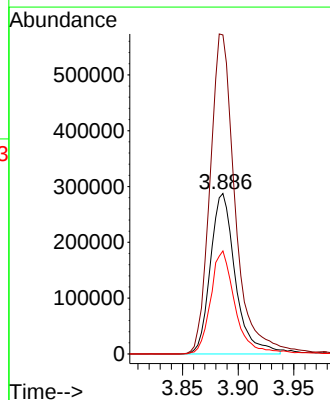
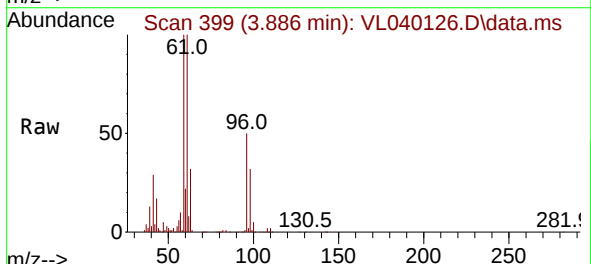
Tgt Ion: 96 Resp: 448223

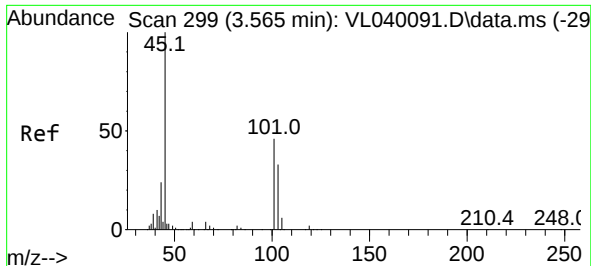
Ion Ratio Lower Upper

96 100

61 198.7 153.0 229.4

98 64.2 52.7 79.1





#19

Isopropyl Alcohol

Concen: 8.882 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.013 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

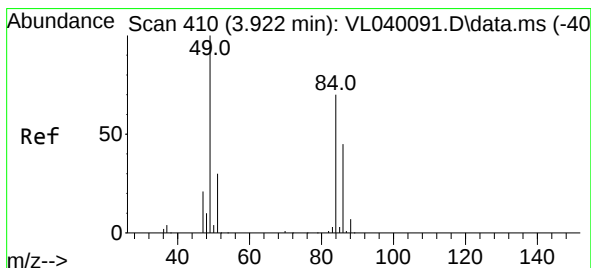
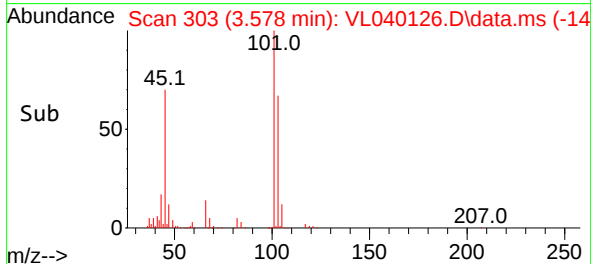
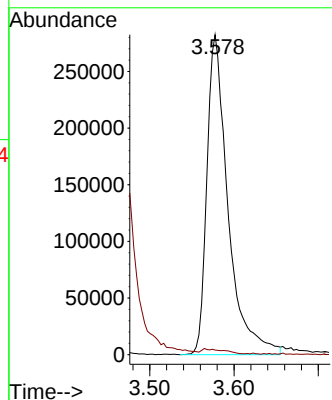
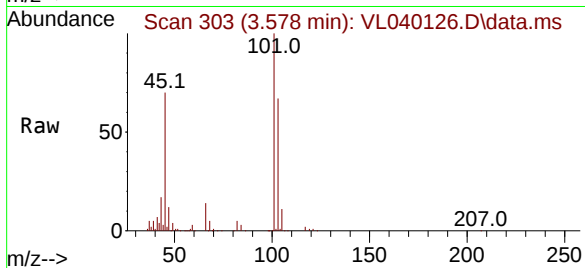
VSTDCCC010EC

Tgt Ion: 45 Resp: 492970
 Ion Ratio Lower Upper
 45 100
 58 2.8 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#20

Methylene Chloride

Concen: 7.893 ppbv

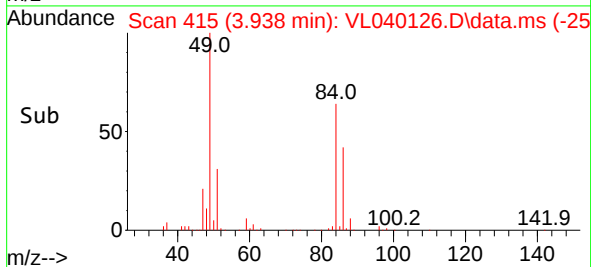
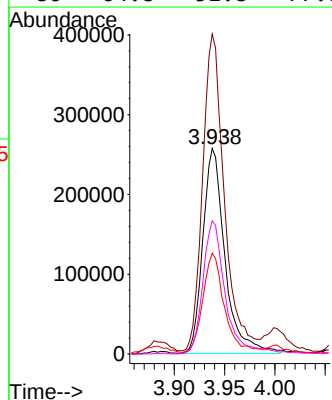
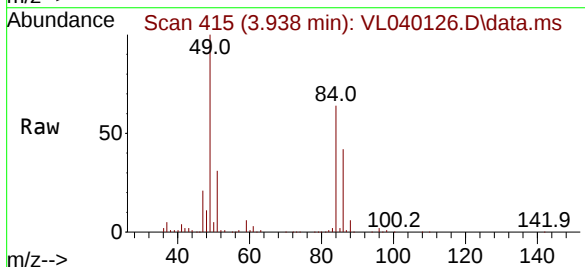
RT: 3.938 min Scan# 415

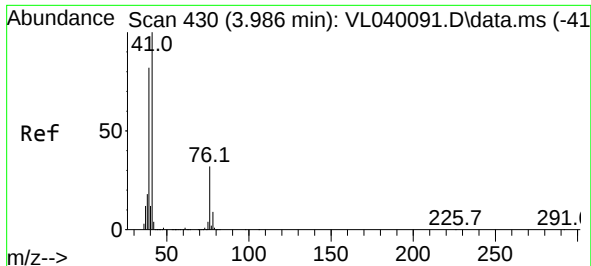
Delta R.T. 0.016 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

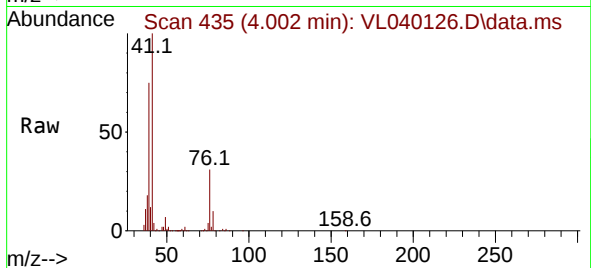
Tgt Ion: 84 Resp: 394981
 Ion Ratio Lower Upper
 84 100
 49 154.6 114.6 171.8
 51 48.3 34.3 51.5
 86 64.8 51.8 77.8





#21
 Allyl Chloride
 Concen: 9.599 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL040126.D
 Acq: 20 Jan 2023 8:57

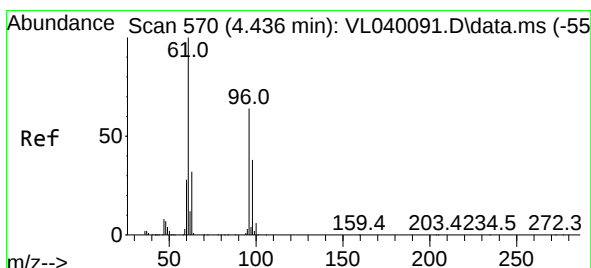
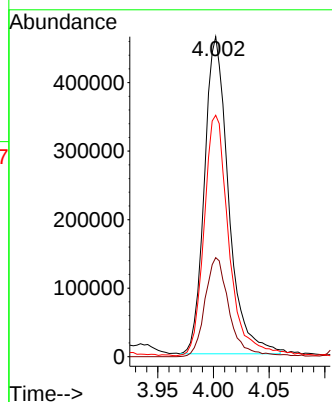
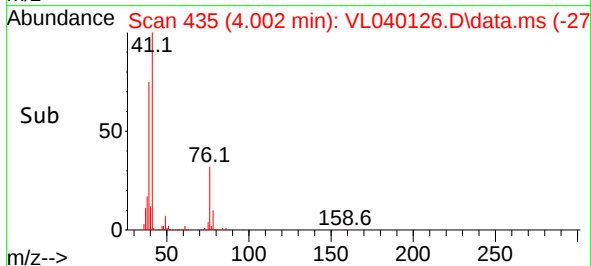
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 699128
 Ion Ratio Lower Upper
 41 100
 76 31.7 25.9 38.9
 39 78.6 66.8 100.2

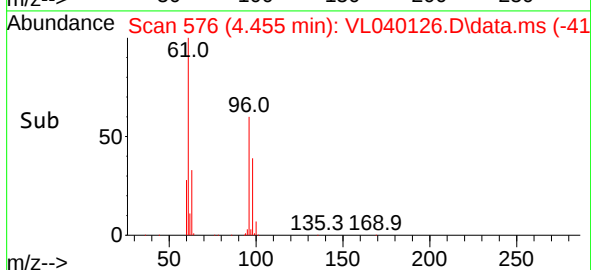
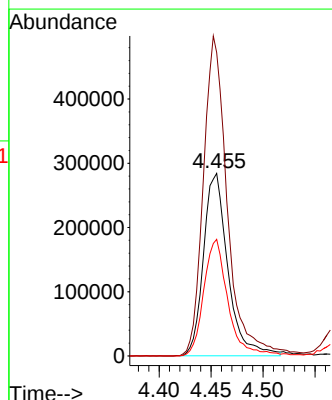
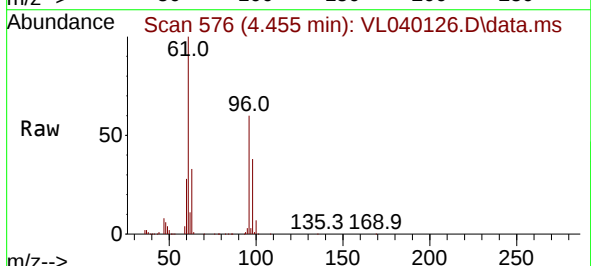
Manual Integrations
 APPROVED

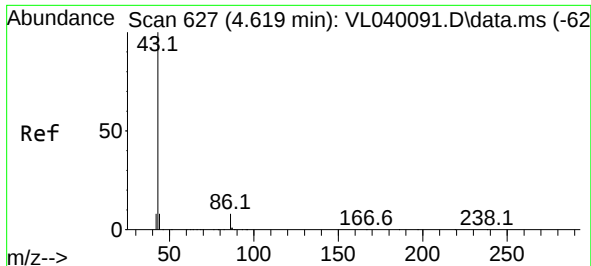
Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#22
 trans-1,2-Dichloroethene
 Concen: 8.393 ppbv
 RT: 4.455 min Scan# 576
 Delta R.T. 0.019 min
 Lab File: VL040126.D
 Acq: 20 Jan 2023 8:57

Tgt Ion: 96 Resp: 463604
 Ion Ratio Lower Upper
 96 100
 61 166.1 125.8 188.8
 98 63.9 47.4 71.2





#23
 Vinyl Acetate
 Concen: 3.949 ppbv m
 RT: 4.635 min Scan# 612
 Delta R.T. 0.016 min
 Lab File: VL040126.D
 Acq: 20 Jan 2023 8:57

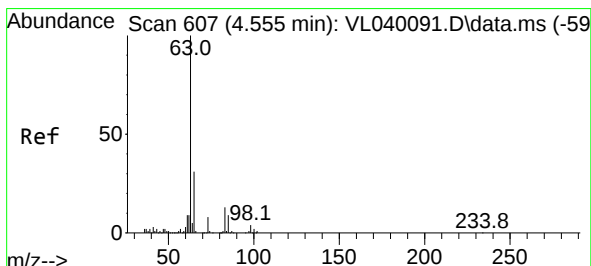
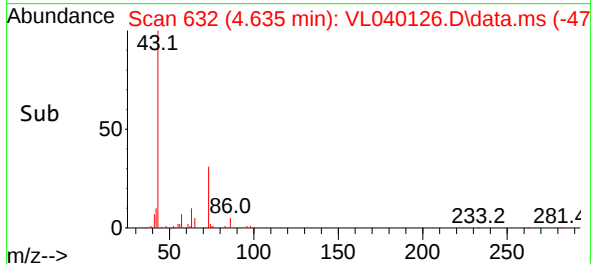
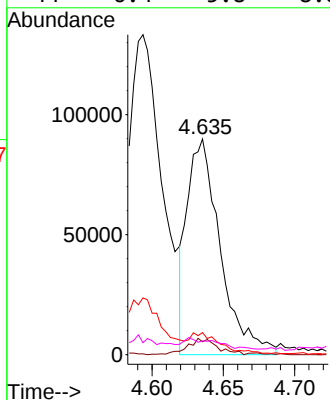
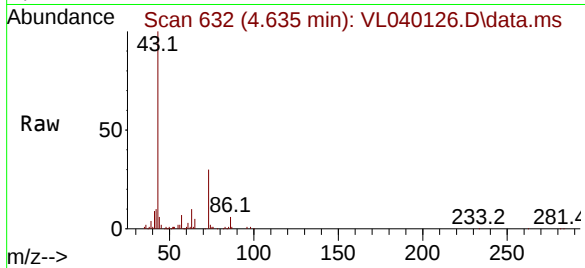
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 145204

Ion	Ratio	Lower	Upper
43	100		
86	6.0	5.6	8.4
42	10.2	7.7	11.5
44	6.4	5.8	8.8

Manual Integrations
 APPROVED

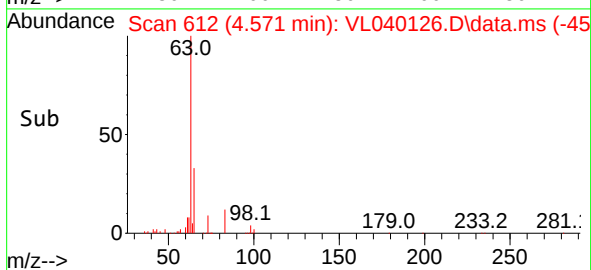
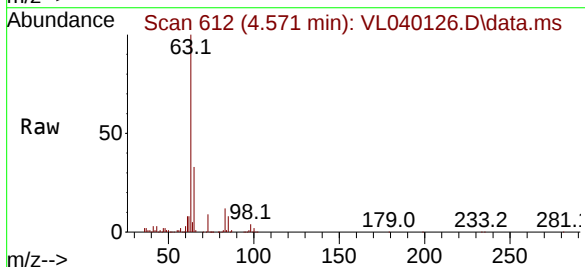
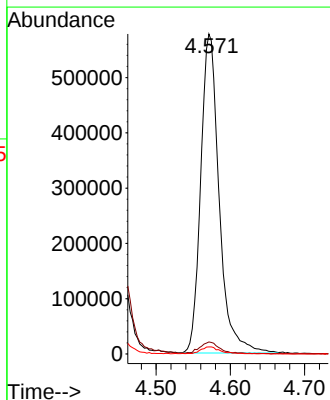
Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

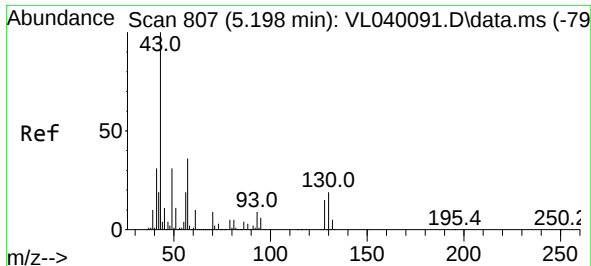


#24
 1,1-Dichloroethane
 Concen: 8.912 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.016 min
 Lab File: VL040126.D
 Acq: 20 Jan 2023 8:57

Tgt Ion: 63 Resp: 992304

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.0	5.8
100	2.2	1.1	3.5





#25

Ethyl Acetate

Concen: 11.714 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.013 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2340908

Ion Ratio Lower Upper

43 100

45 11.1 8.5 12.7

61 11.4 8.4 12.6

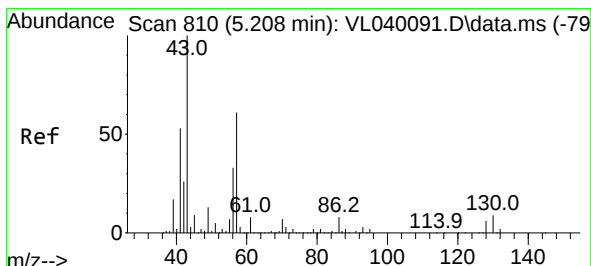
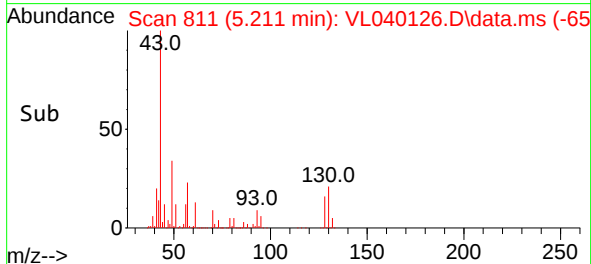
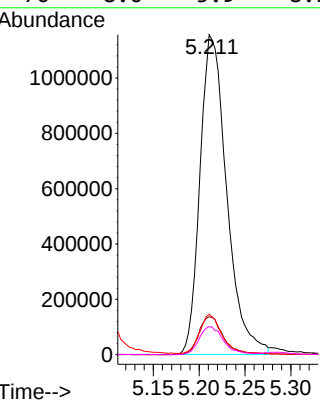
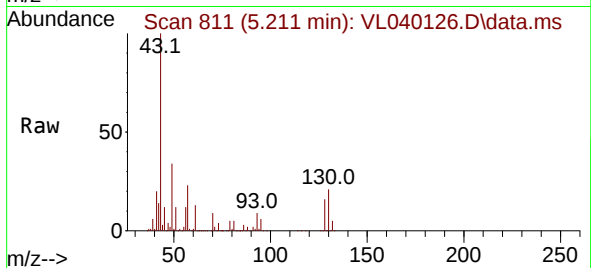
70 8.0 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#26

Hexane

Concen: 10.510 ppbv

RT: 5.224 min Scan# 815

Delta R.T. 0.016 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

Tgt Ion: 57 Resp: 919169

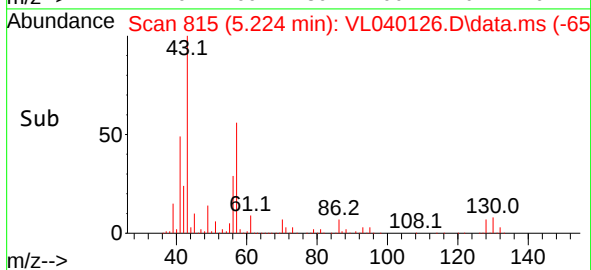
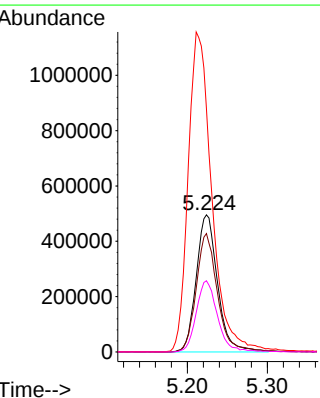
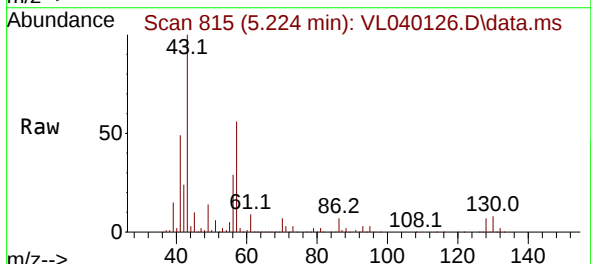
Ion Ratio Lower Upper

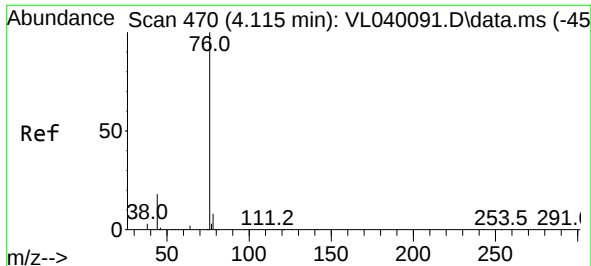
57 100

41 87.1 72.2 108.4

43 260.1 192.1 288.1

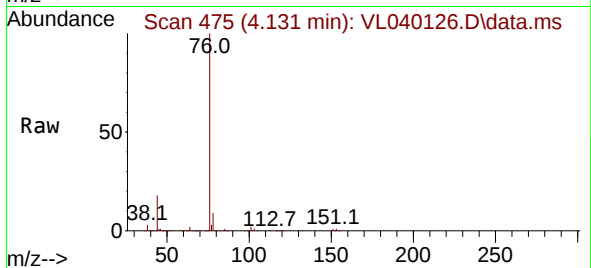
56 52.1 42.9 64.3





#27
Carbon Disulfide
Concen: 9.689 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

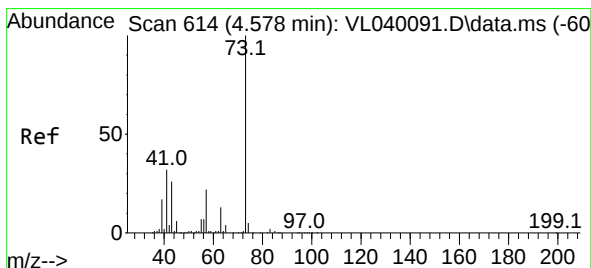
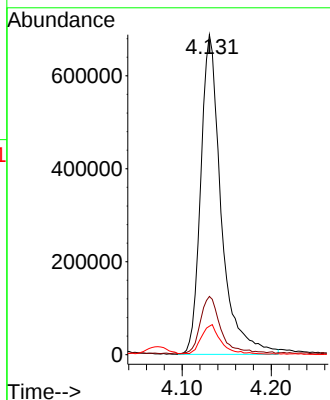
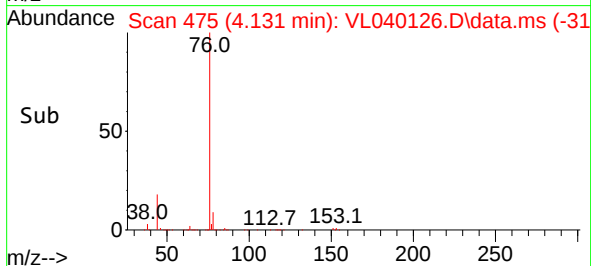
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



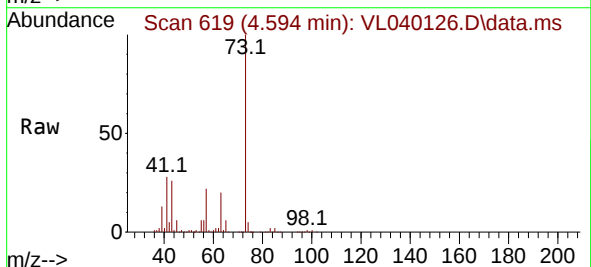
Tgt Ion: 76 Resp: 109776
Ion Ratio Lower Upper
76 100
44 17.6 14.9 22.3
78 9.4 8.2 12.2

Manual Integrations
APPROVED

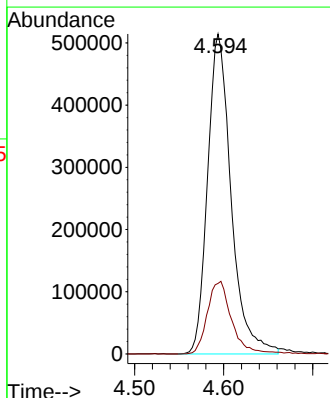
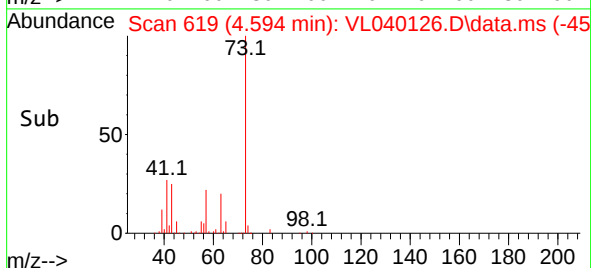
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

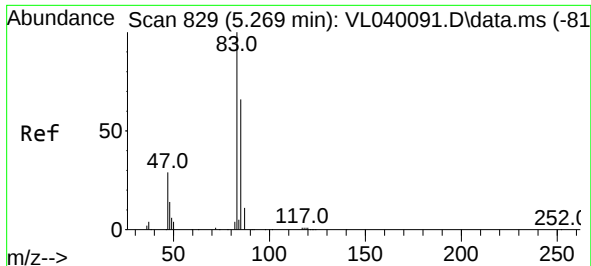


#28
Methyl tert-Butyl Ether
Concen: 9.599 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57



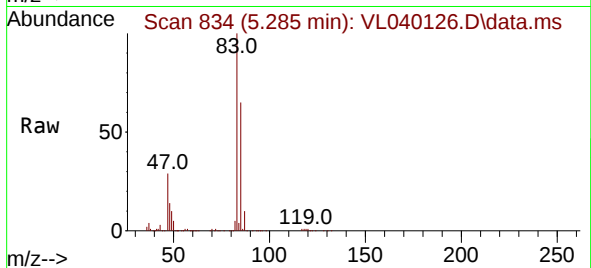
Tgt Ion: 73 Resp: 944438
Ion Ratio Lower Upper
73 100
57 23.8 18.3 27.5





#29
Chloroform
Concen: 9.637 ppbv
RT: 5.285 min Scan# 81
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

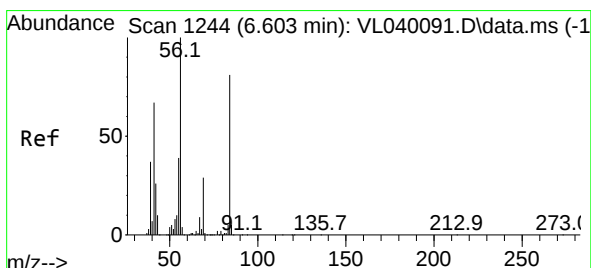
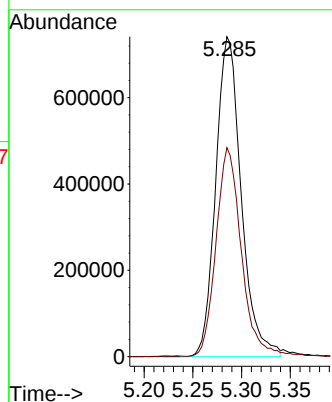
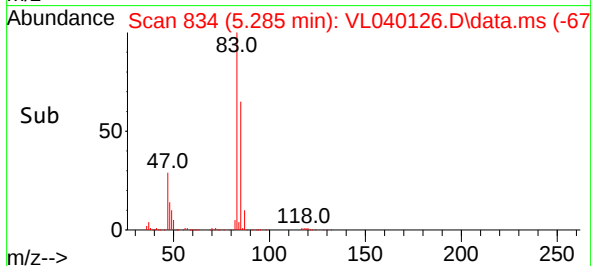
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



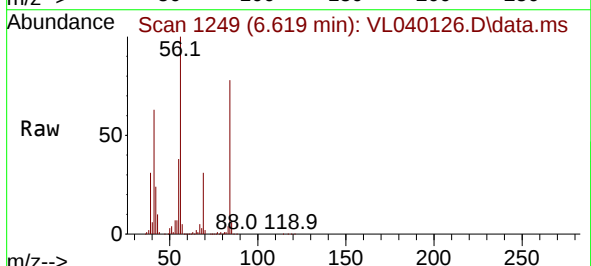
Tgt Ion: 83 Resp: 1347574
Ion Ratio Lower Upper
83 100
85 65.1 53.1 79.7

Manual Integrations
APPROVED

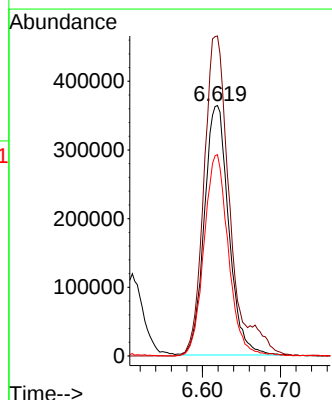
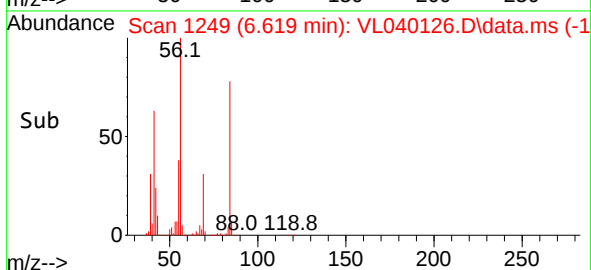
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

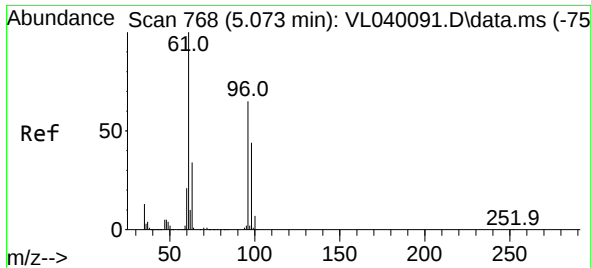


#30
Cyclohexane
Concen: 11.377 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57



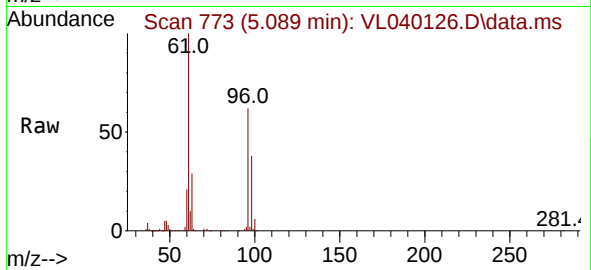
Tgt Ion: 84 Resp: 790971
Ion Ratio Lower Upper
84 100
56 136.2 111.5 167.3
41 80.5 71.4 107.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.062 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. 0.016 min
 Lab File: VL040126.D
 Acq: 20 Jan 2023 8:57

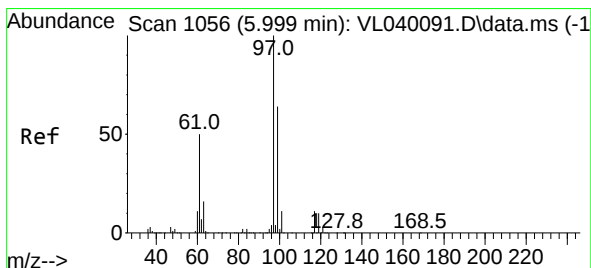
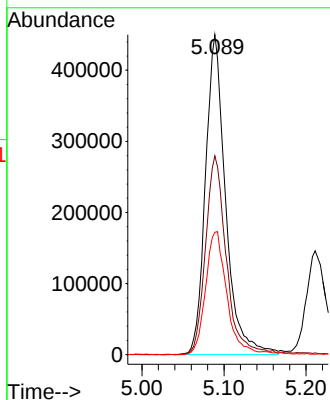
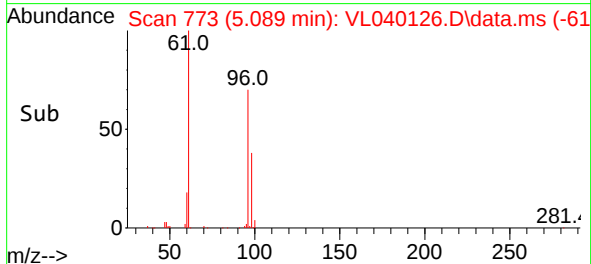
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 767249
 Ion Ratio Lower Upper
 61 100
 96 62.0 52.0 78.0
 98 38.3 35.3 52.9

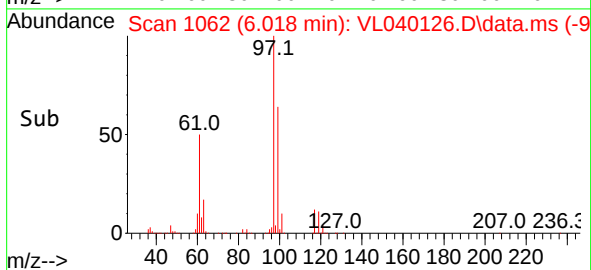
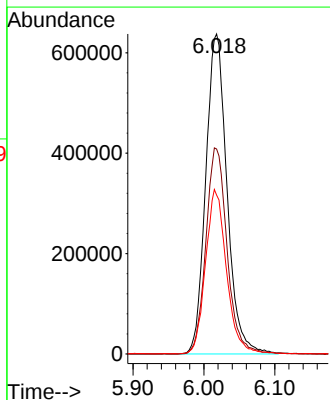
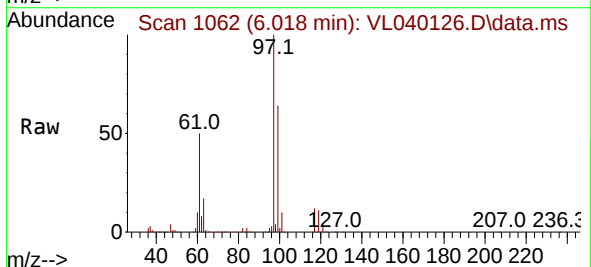
Manual Integrations
 APPROVED

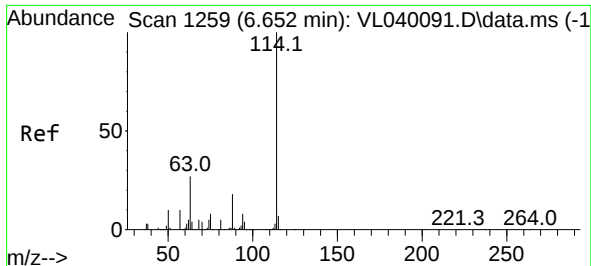
Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.355 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. 0.019 min
 Lab File: VL040126.D
 Acq: 20 Jan 2023 8:57

Tgt Ion: 97 Resp: 1329602
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.8 77.6
 61 50.8 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 114

Delta R.T. 0.019 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 257442

Ion Ratio Lower Upper

114 100

63 25.0 21.8 32.8

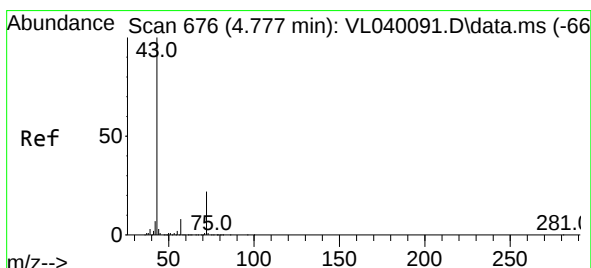
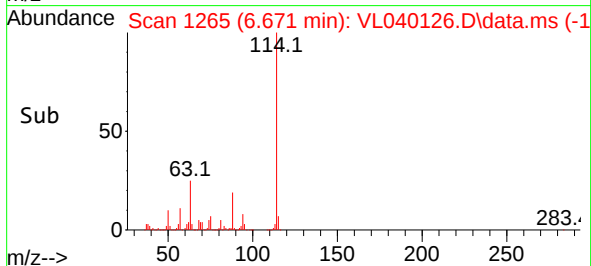
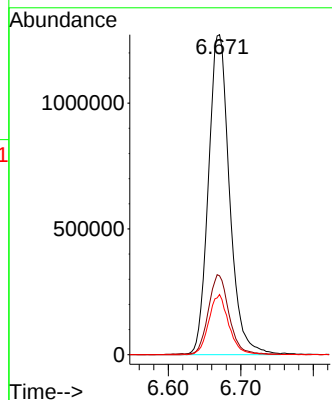
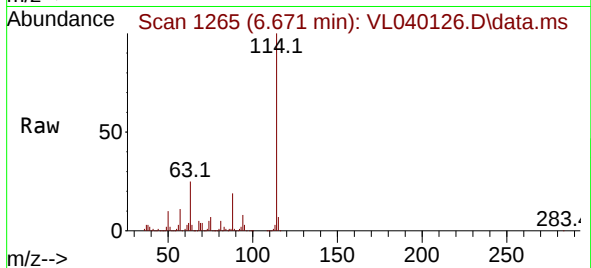
88 17.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#34

2-Butanone

Concen: 9.191 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.016 min

Lab File: VL040126.D

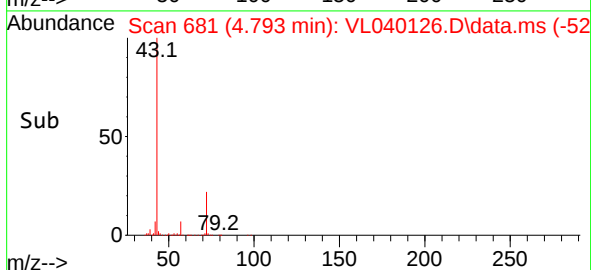
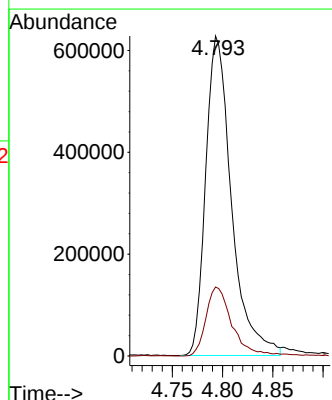
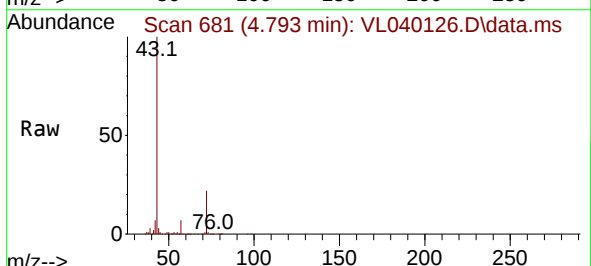
Acq: 20 Jan 2023 8:57

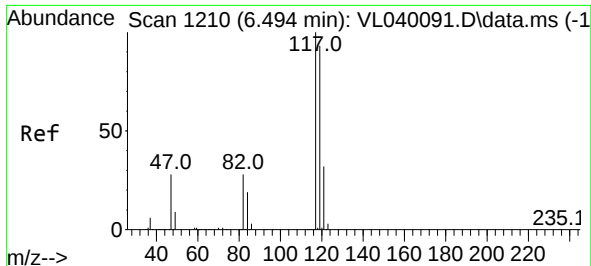
Tgt Ion: 43 Resp: 1119235

Ion Ratio Lower Upper

43 100

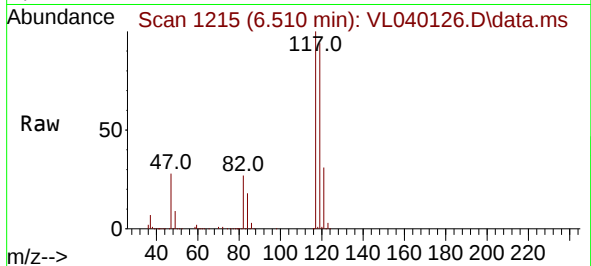
72 22.3 18.4 27.6





#35
Carbon Tetrachloride
Concen: 9.255 ppbv
RT: 6.510 min Scan# 1176
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

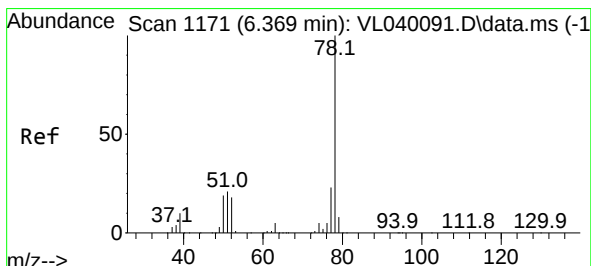
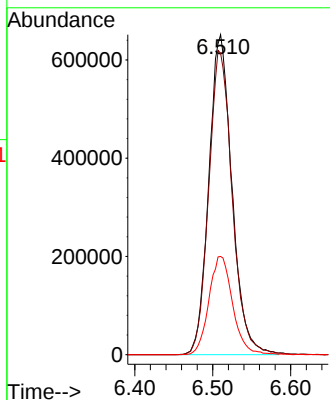
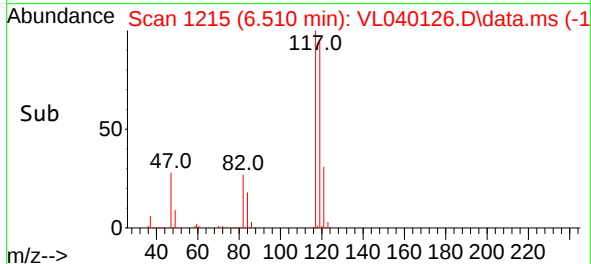
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



Tgt Ion: 117 Resp: 1347230
Ion Ratio Lower Upper
117 100
119 94.2 74.5 111.7
121 30.7 25.4 38.0

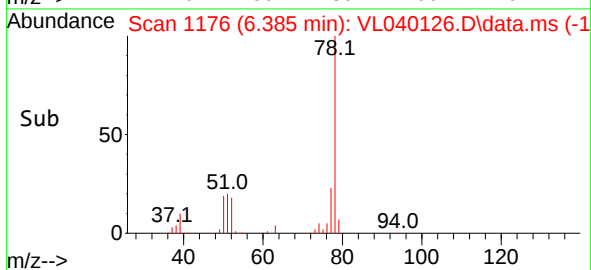
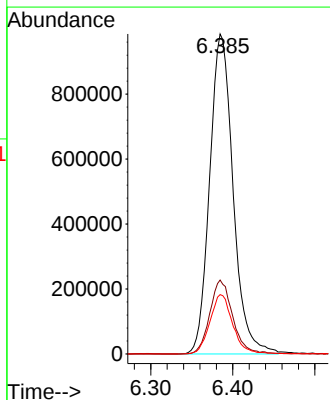
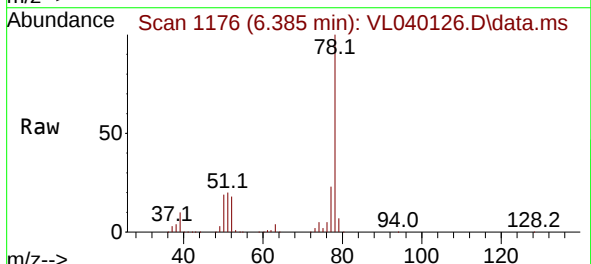
Manual Integrations
APPROVED

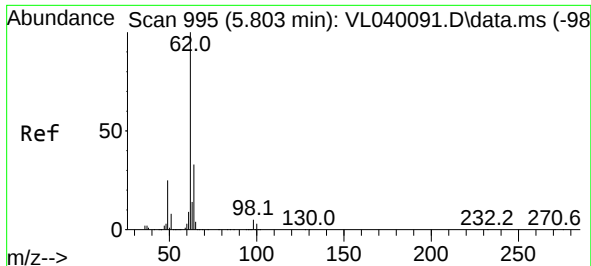
Reviewed By : Semsettin Yesilyurt 01/20/2023
Supervised By : Mahesh Dadoda 01/20/2023



#36
Benzene
Concen: 10.264 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

Tgt Ion: 78 Resp: 1955343
Ion Ratio Lower Upper
78 100
77 23.1 18.1 27.1
50 18.6 15.6 23.4





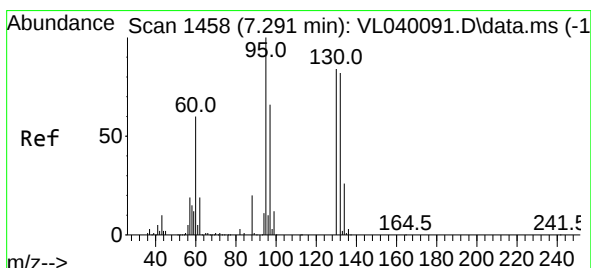
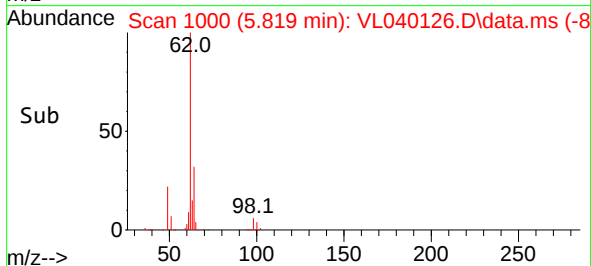
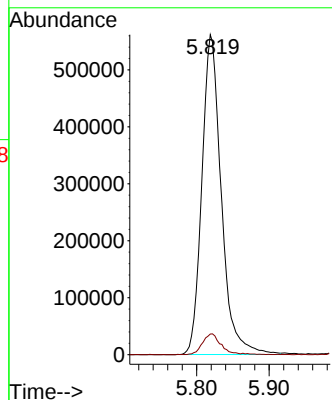
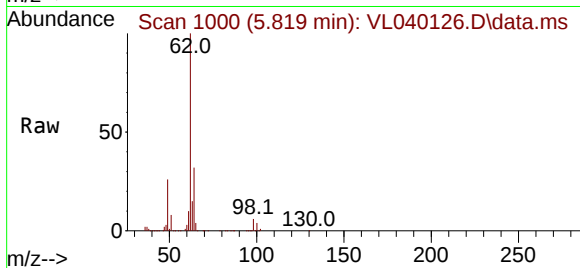
#37
1,2-Dichloroethane
Concen: 8.533 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 104490
Ion Ratio Lower Upper
62 100
98 6.4 4.4 6.6

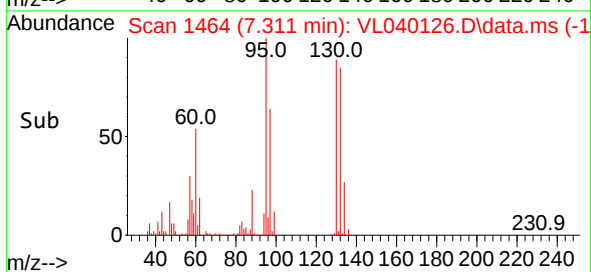
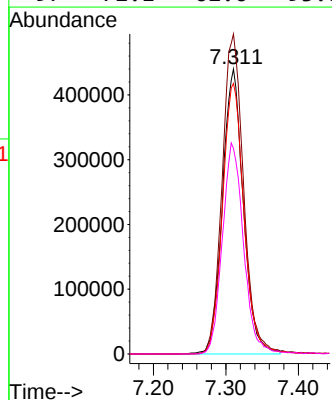
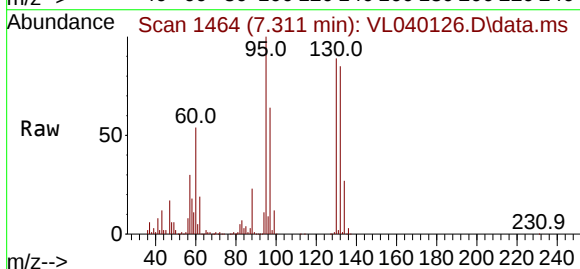
Manual Integrations
APPROVED

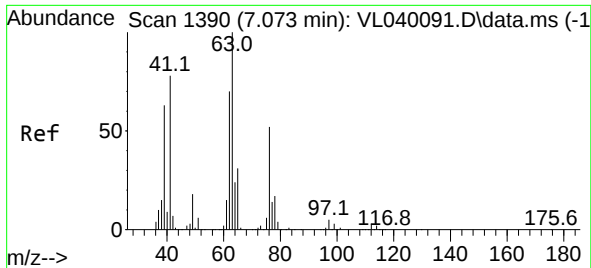
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#38
Trichloroethene
Concen: 8.163 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

Tgt Ion:130 Resp: 882588
Ion Ratio Lower Upper
130 100
95 112.3 95.0 142.6
132 95.0 77.9 116.9
97 72.1 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.021 ppbv

RT: 7.089 min Scan# 1463

Delta R.T. 0.016 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

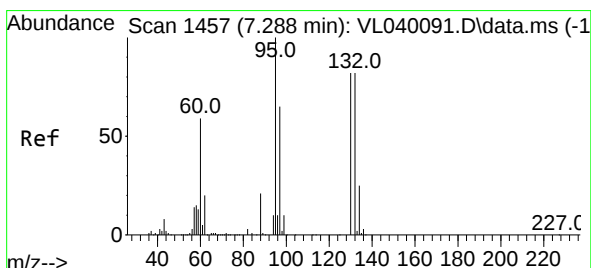
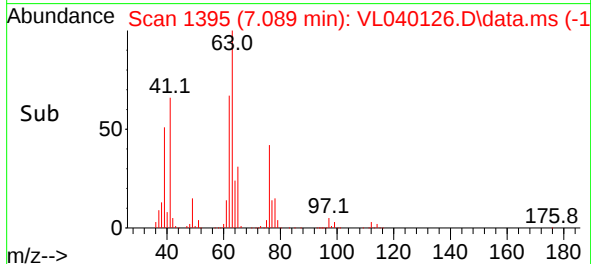
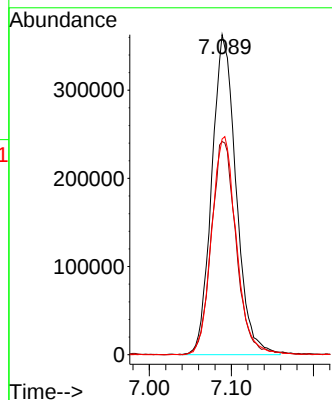
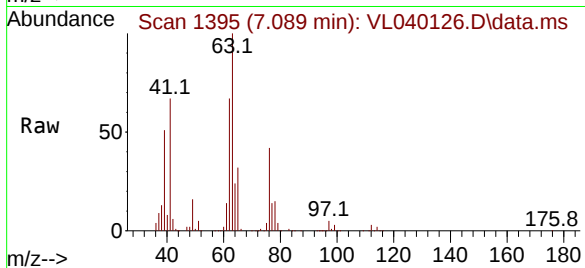
Tgt Ion: 63 Resp: 746794

Ion	Ratio	Lower	Upper
63	100		
41	66.4	62.2	93.4
62	67.4	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#40

1,4-Dioxane

Concen: 9.751 ppbv

RT: 7.307 min Scan# 1463

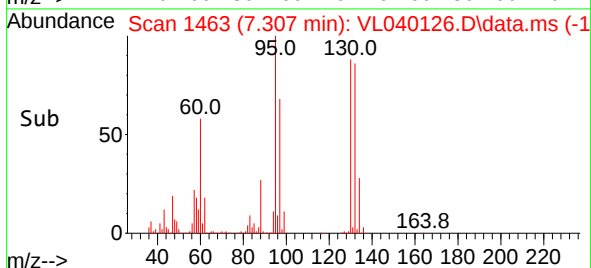
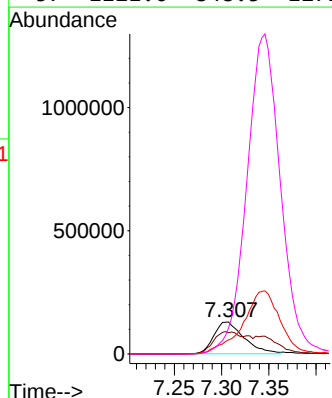
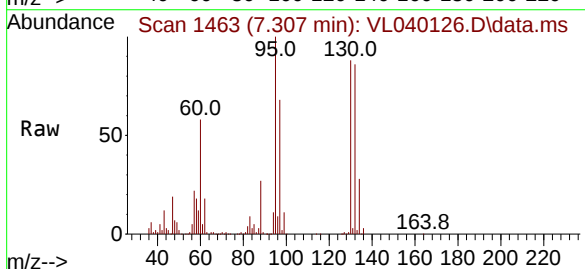
Delta R.T. 0.019 min

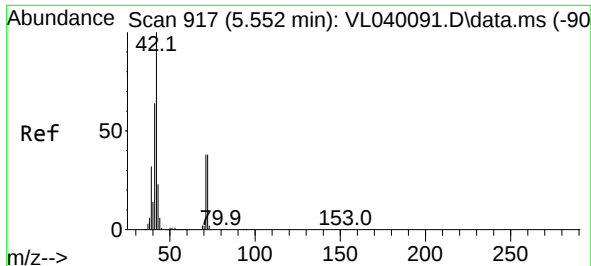
Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

Tgt Ion: 88 Resp: 288376

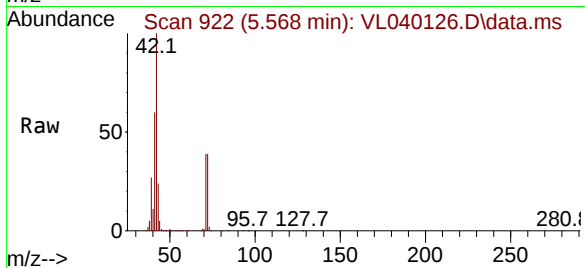
Ion	Ratio	Lower	Upper
88	100		
58	122.7	97.5	146.3
43	245.7	195.0	292.4
57	1121.0	848.5	1272.7





#41
Tetrahydrofuran
Concen: 11.115 ppbv
RT: 5.568 min Scan# 917
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

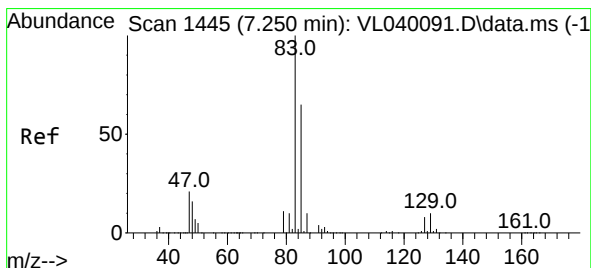
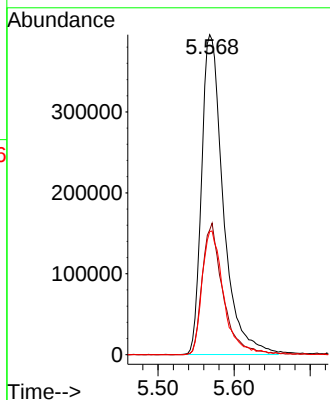
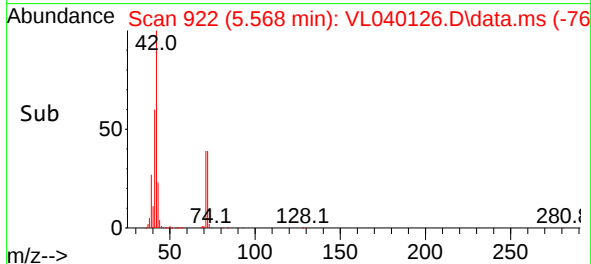
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 781233
Ion Ratio Lower Upper
42 100
72 40.1 31.9 47.9
71 39.1 31.4 47.2

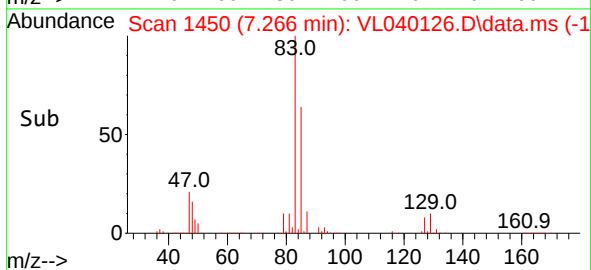
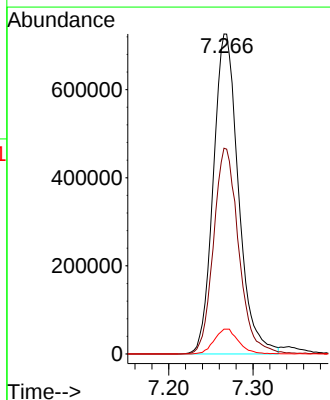
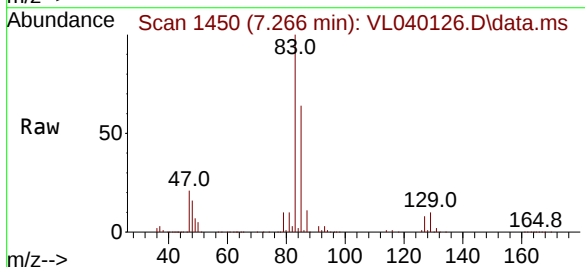
Manual Integrations
APPROVED

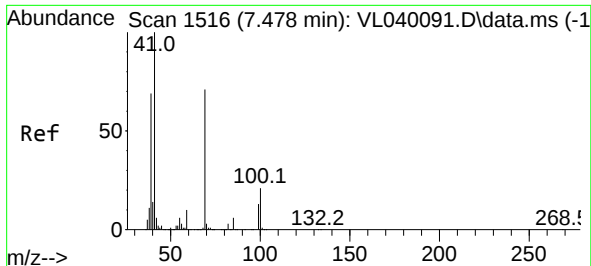
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#42
Bromodichloromethane
Concen: 9.099 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

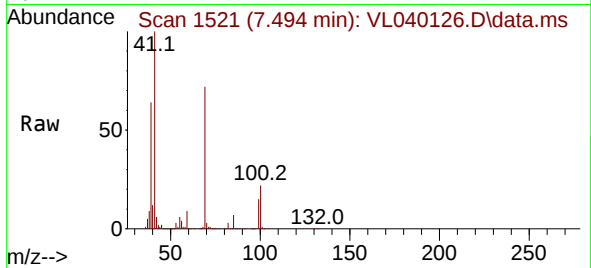
Tgt Ion: 83 Resp: 1504528
Ion Ratio Lower Upper
83 100
85 64.3 51.7 77.5
127 7.8 6.2 9.2





#43
Methyl Methacrylate
Concen: 11.633 ppbv
RT: 7.494 min Scan# 1475
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

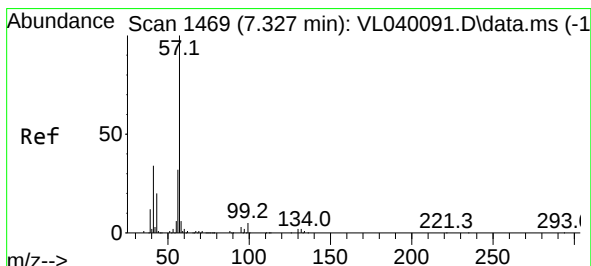
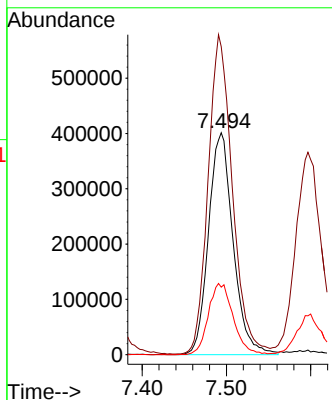
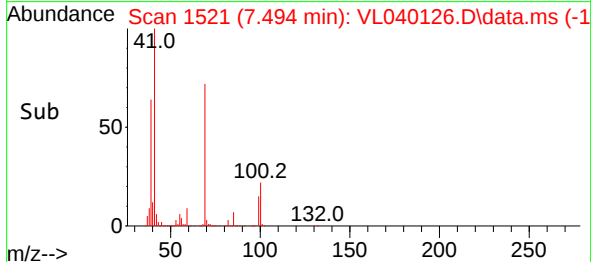
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 813304
Ion Ratio Lower Upper
69 100
41 142.0 118.2 177.2
100 32.4 24.2 36.4

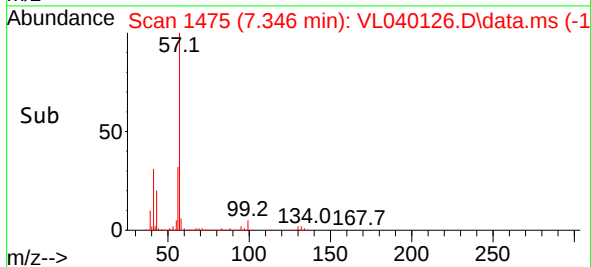
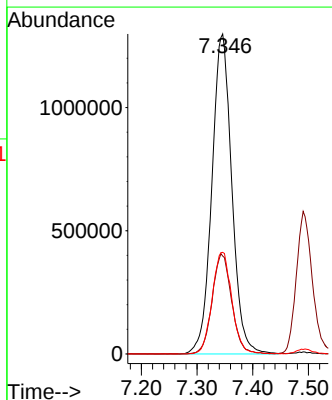
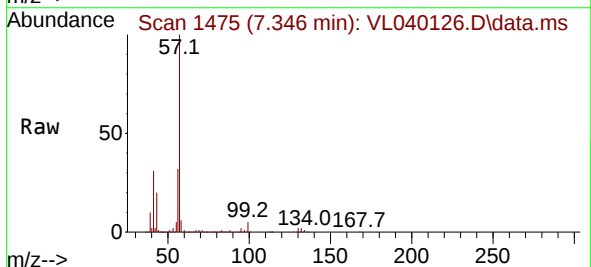
Manual Integrations
APPROVED

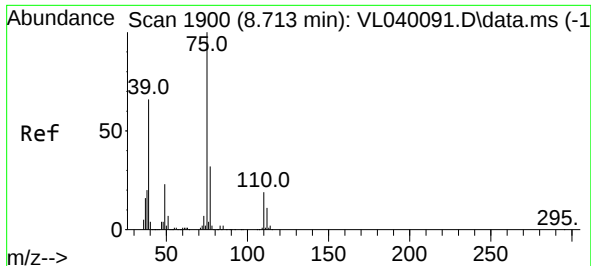
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#44
2,2,4-Trimethylpentane
Concen: 10.195 ppbv
RT: 7.346 min Scan# 1475
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

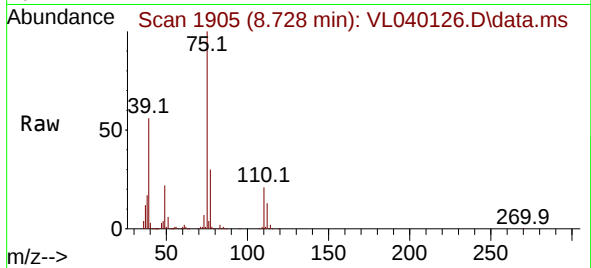
Tgt Ion: 57 Resp: 3230023
Ion Ratio Lower Upper
57 100
41 30.4 27.1 40.7
56 31.4 25.0 37.4





#45
t-1,3-Dichloropropene
Concen: 10.914 ppbv
RT: 8.728 min Scan# 1900
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

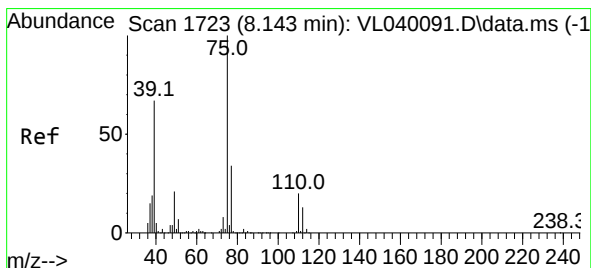
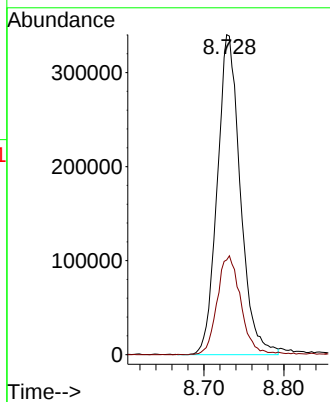
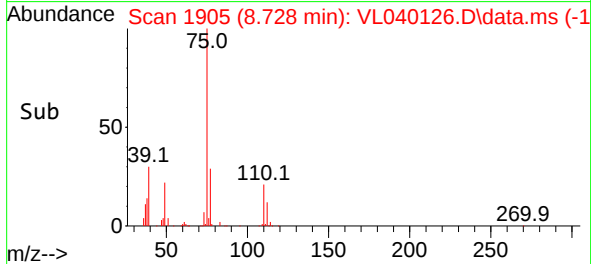
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 68038
Ion Ratio Lower Upper
75 100
77 29.6 25.6 38.4

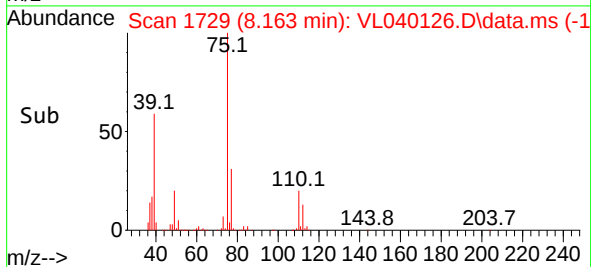
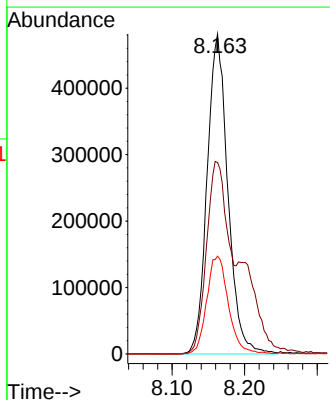
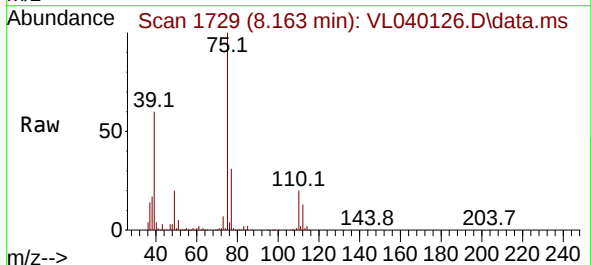
Manual Integrations
APPROVED

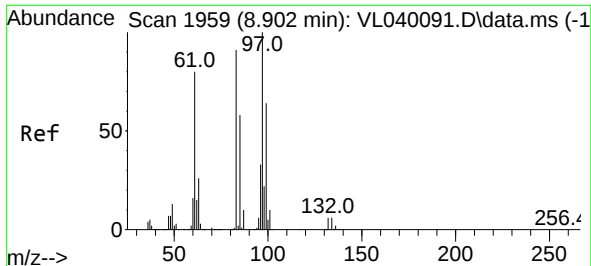
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#46
cis-1,3-Dichloropropene
Concen: 11.231 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

Tgt Ion: 75 Resp: 956740
Ion Ratio Lower Upper
75 100
39 59.8 53.6 80.4
77 30.5 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 10.050 ppbv

RT: 8.921 min Scan# 1959

Delta R.T. 0.019 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 788470

Ion Ratio Lower Upper

97 100

83 91.2 72.9 109.3

85 57.0 46.0 69.0

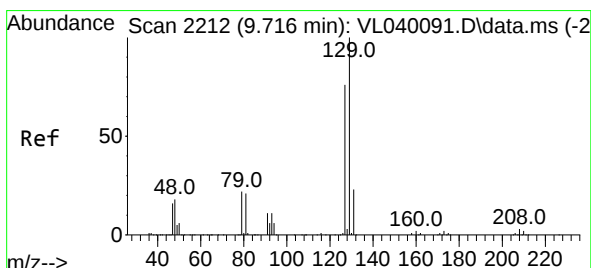
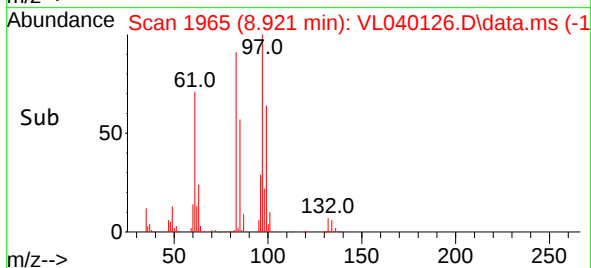
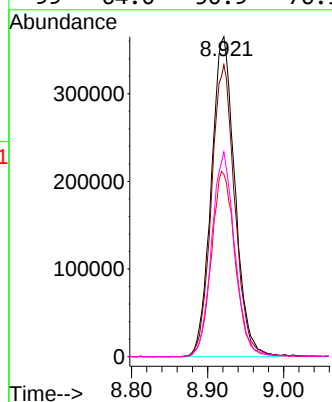
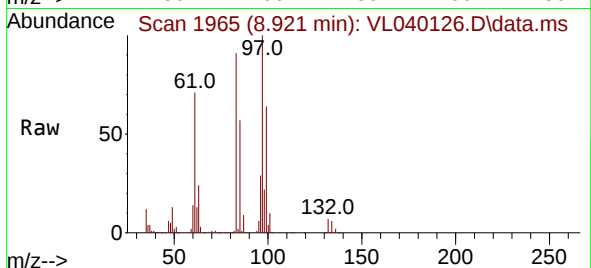
99 64.0 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#48

Dibromochloromethane

Concen: 9.968 ppbv

RT: 9.735 min Scan# 2218

Delta R.T. 0.019 min

Lab File: VL040126.D

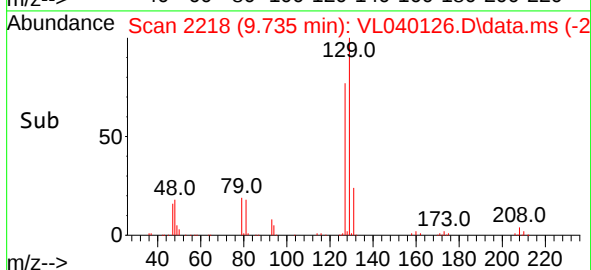
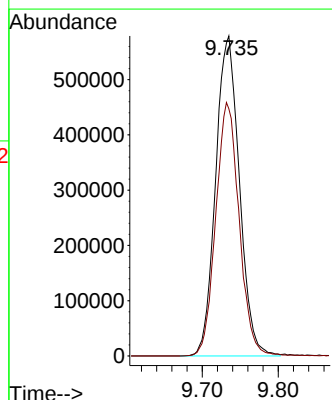
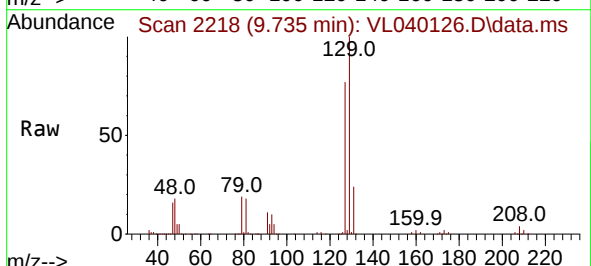
Acq: 20 Jan 2023 8:57

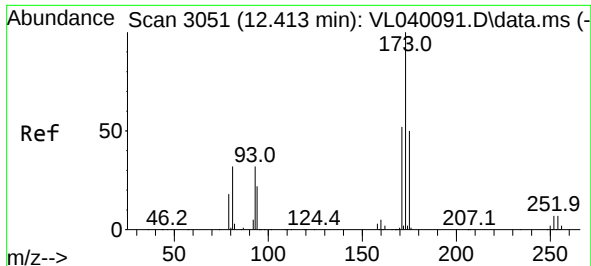
Tgt Ion:129 Resp: 1256954

Ion Ratio Lower Upper

129 100

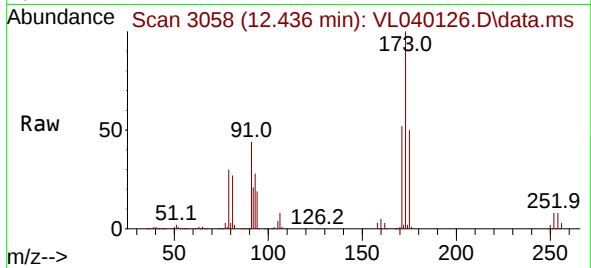
127 78.1 39.3 117.9





#49
Bromoform
Concen: 10.806 ppbv
RT: 12.436 min Scan# 3051
Delta R.T. 0.022 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

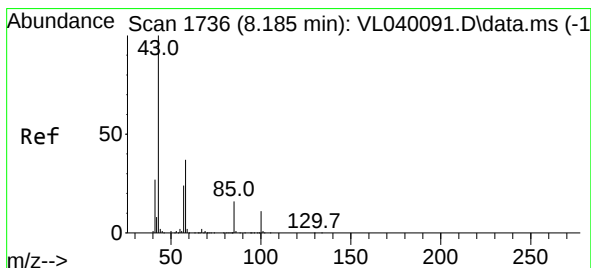
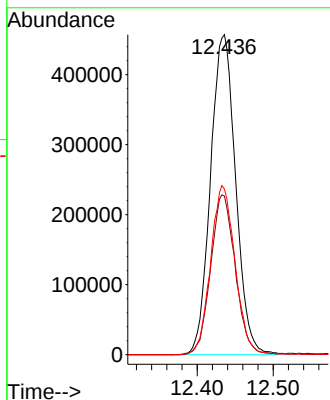
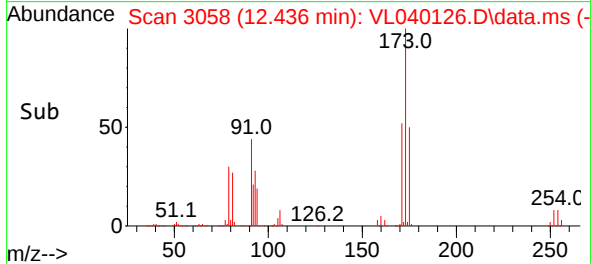
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 104970
Ion Ratio Lower Upper
173 100
175 49.2 39.7 59.5
171 51.7 42.2 63.2

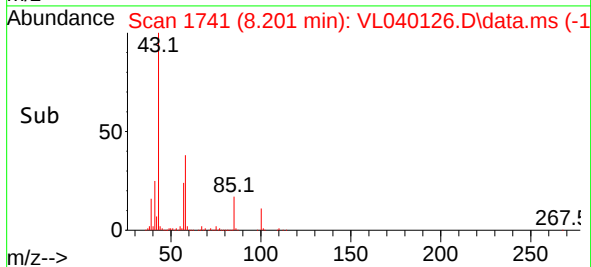
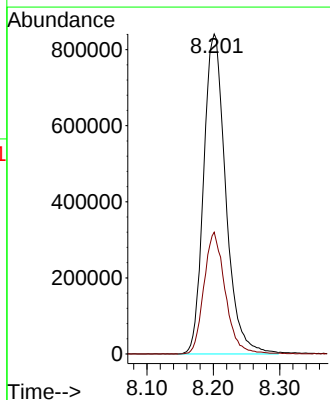
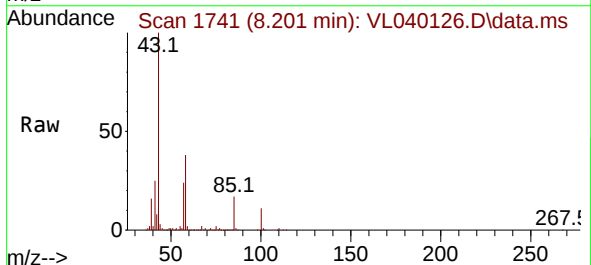
Manual Integrations
APPROVED

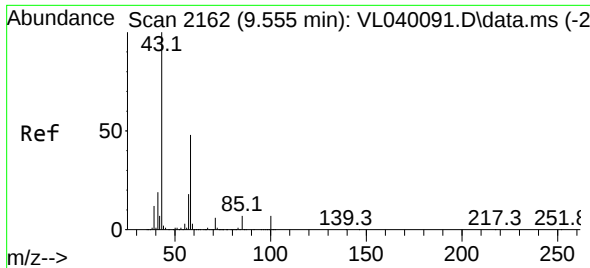
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#50
4-Methyl-2-Pentanone
Concen: 10.143 ppbv
RT: 8.201 min Scan# 1741
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

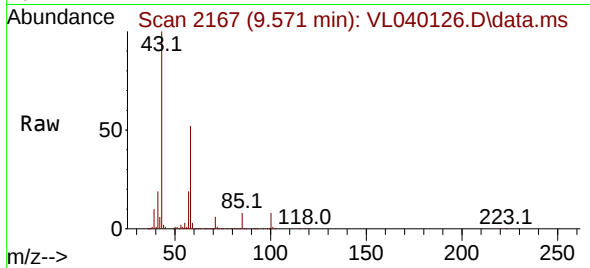
Tgt Ion: 43 Resp: 1942703
Ion Ratio Lower Upper
43 100
58 36.9 28.8 43.2





#51
2-Hexanone
Concen: 10.416 ppbv
RT: 9.571 min Scan# 2162
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

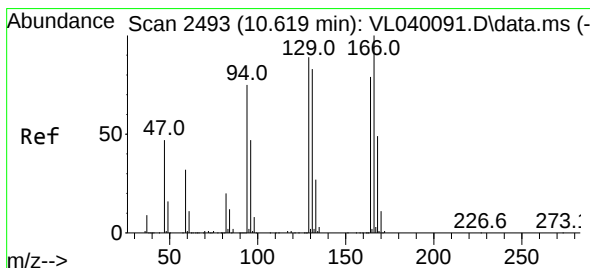
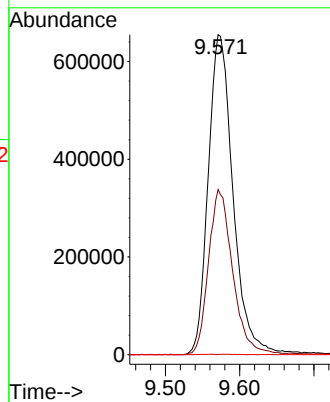
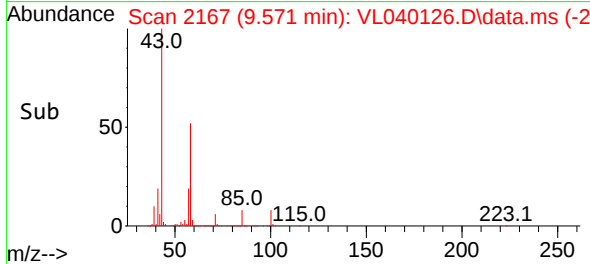
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



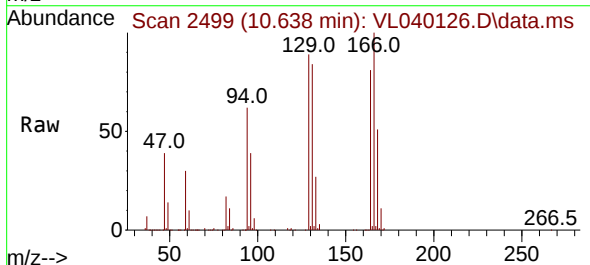
Tgt Ion: 43 Resp: 151151
Ion Ratio Lower Upper
43 100
58 50.8 37.5 56.3
98 0.2 0.4 0.6

Manual Integrations
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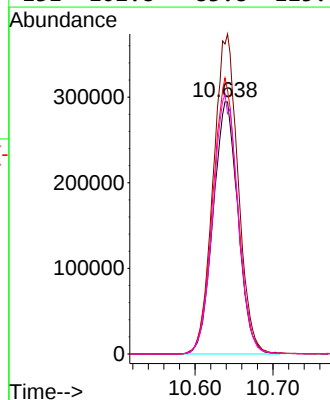
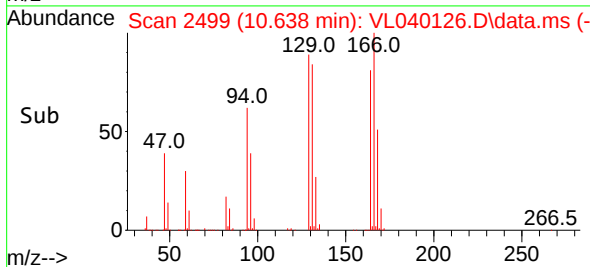
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

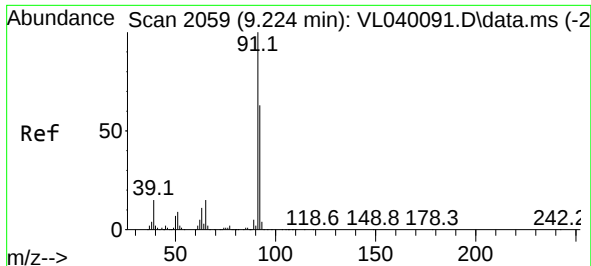


#52
Tetrachloroethene
Concen: 10.451 ppbv
RT: 10.638 min Scan# 2499
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57



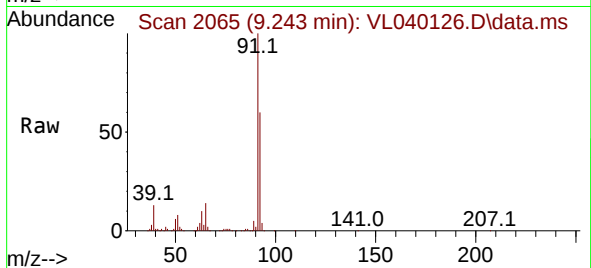
Tgt Ion:164 Resp: 651341
Ion Ratio Lower Upper
164 100
166 122.8 101.2 151.8
129 109.4 90.2 135.2
131 102.8 83.8 125.8





#53
Toluene
Concen: 10.843 ppbv
RT: 9.243 min Scan# 2065
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

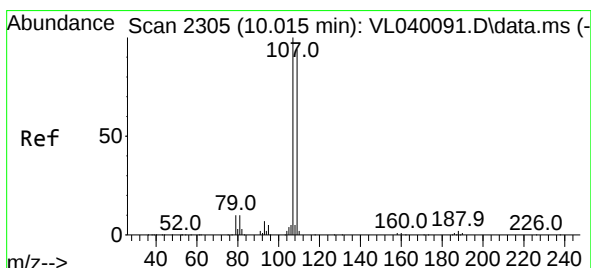
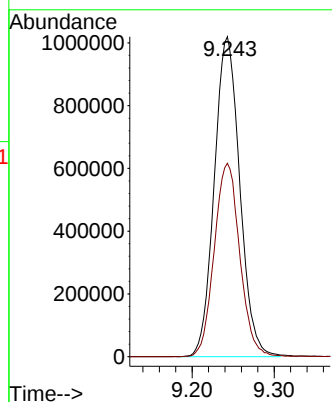
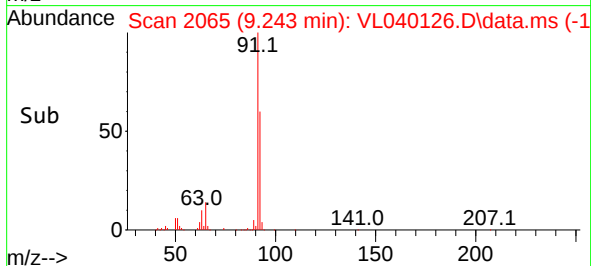
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



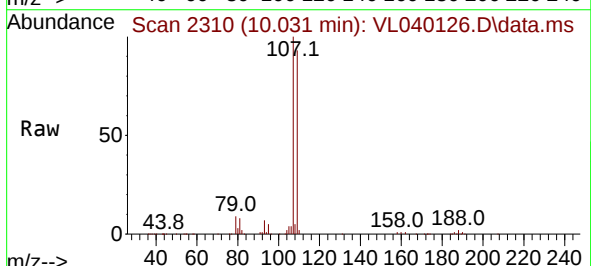
Tgt Ion: 91 Resp: 2203318
Ion Ratio Lower Upper
91 100
92 60.7 48.3 72.5

Manual Integrations
APPROVED

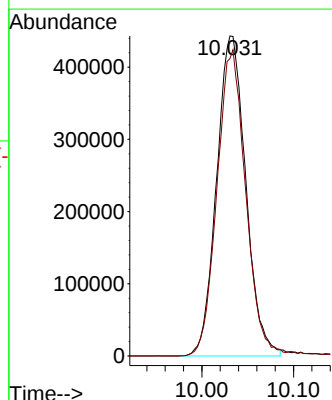
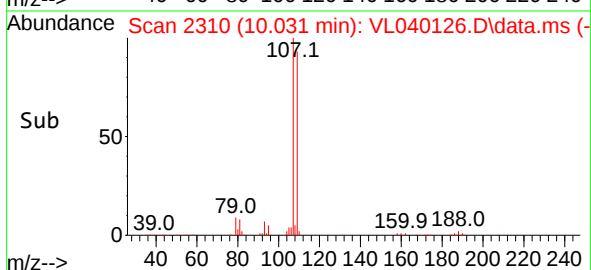
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

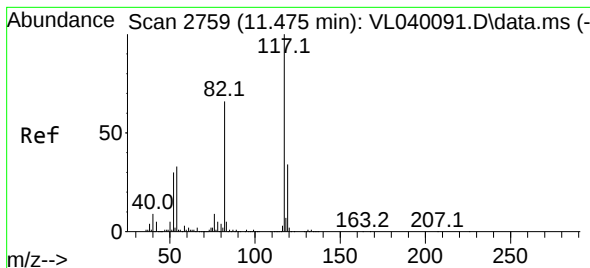


#54
1,2-Dibromoethane
Concen: 11.908 ppbv
RT: 10.031 min Scan# 2310
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57



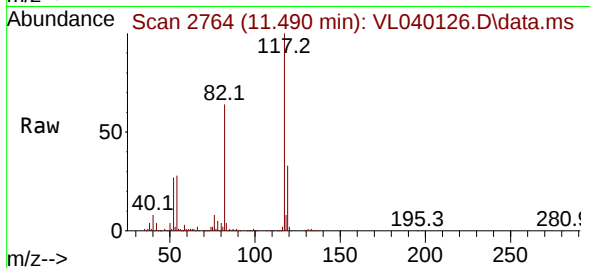
Tgt Ion:107 Resp: 978141
Ion Ratio Lower Upper
107 100
109 92.9 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.490 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

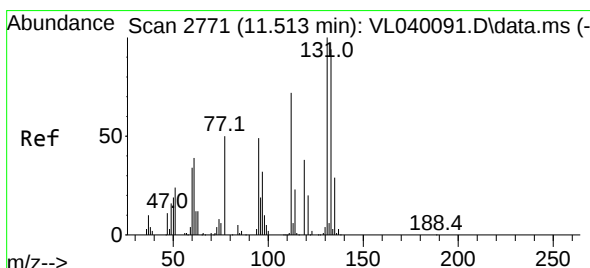
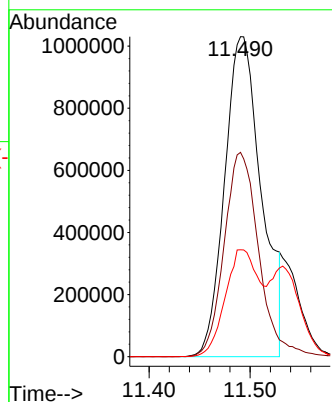
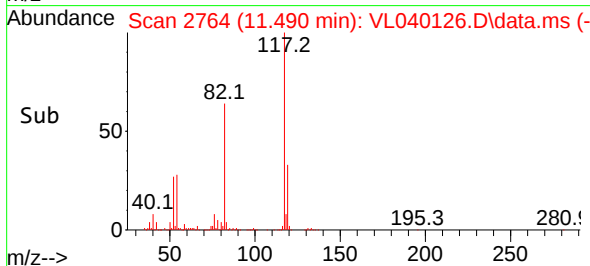
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 260267
Ion Ratio Lower Upper
117 100
82 60.6 54.4 81.6
119 31.8 26.8 40.2

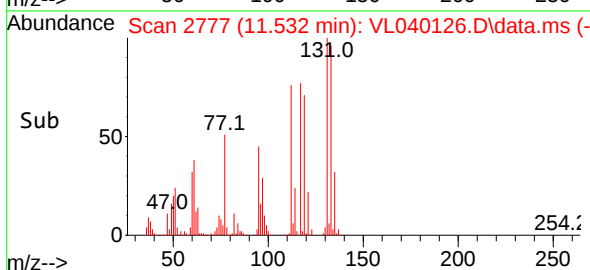
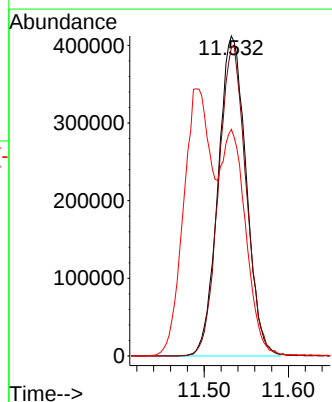
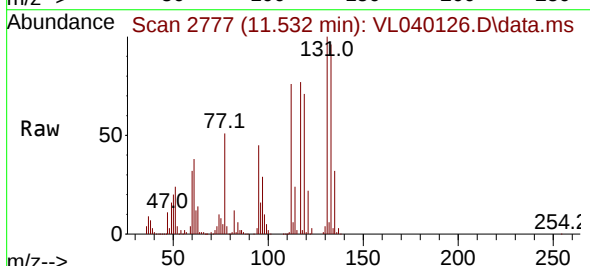
Manual Integrations
APPROVED

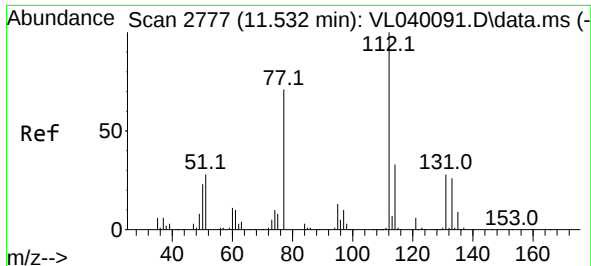
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.386 ppbv
RT: 11.532 min Scan# 2777
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

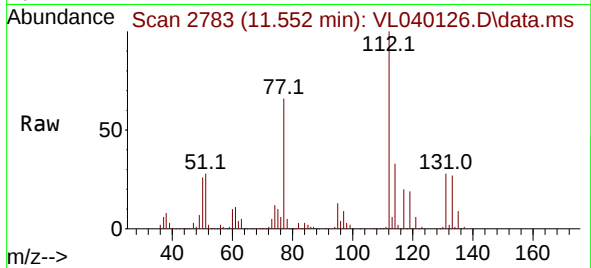
Tgt Ion:131 Resp: 950806
Ion Ratio Lower Upper
131 100
133 95.9 75.6 113.4
119 56.2 47.2 70.8





#57
Chlorobenzene
Concen: 9.109 ppbv
RT: 11.552 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

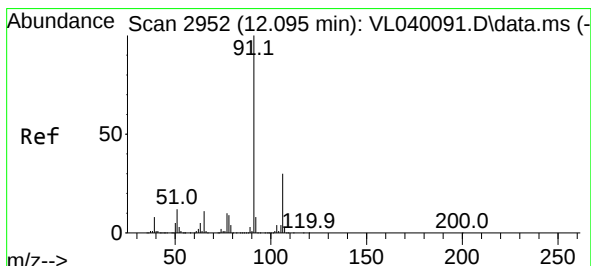
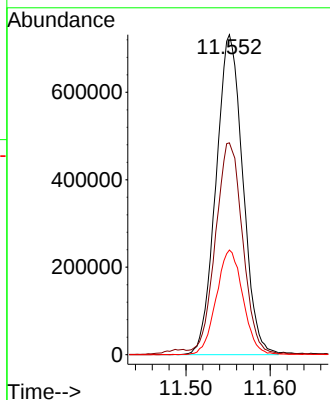
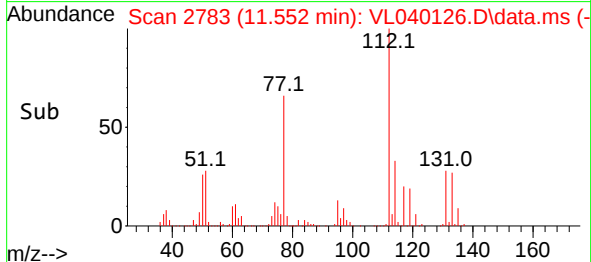
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 112 Resp: 1615990
Ion Ratio Lower Upper
112 100
77 65.8 57.3 85.9
114 32.7 29.6 36.2

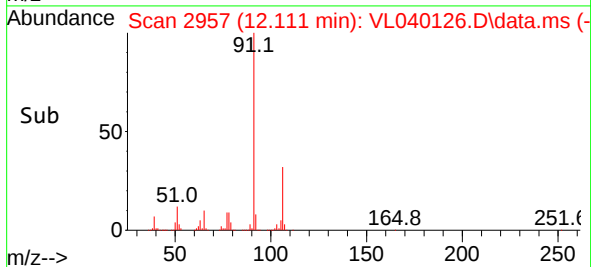
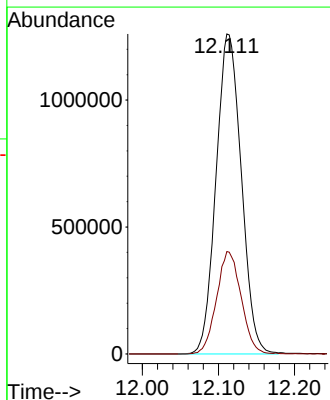
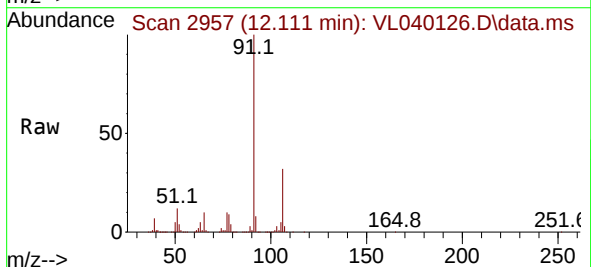
Manual Integrations
APPROVED

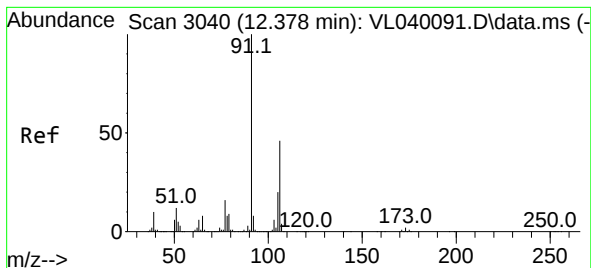
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#58
Ethyl Benzene
Concen: 10.000 ppbv
RT: 12.111 min Scan# 2957
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

Tgt Ion: 91 Resp: 2904345
Ion Ratio Lower Upper
91 100
106 32.0 23.7 35.5





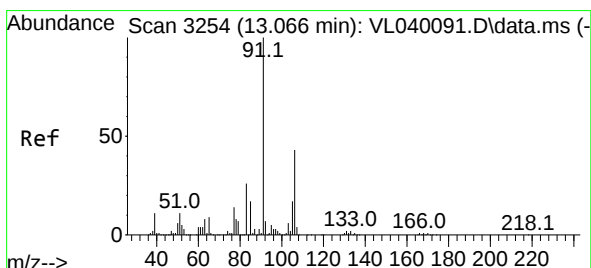
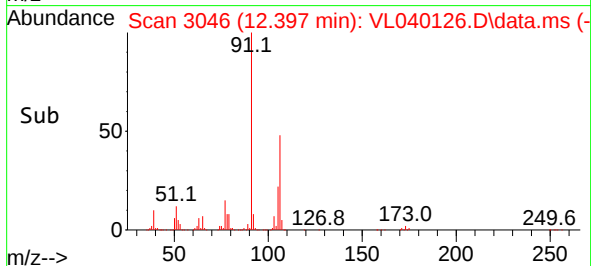
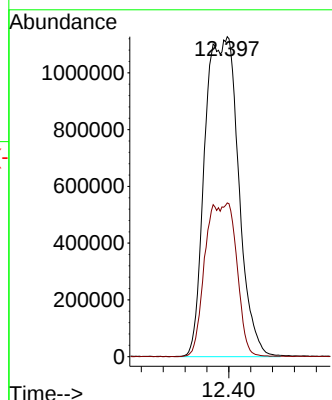
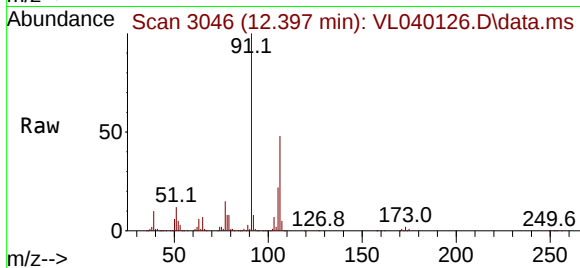
#59
m/p-Xylene
Concen: 18.391 ppbv m
RT: 12.397 min Scan# 3040
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 4802708
Ion Ratio Lower Upper
91 100
106 45.1 34.2 51.4

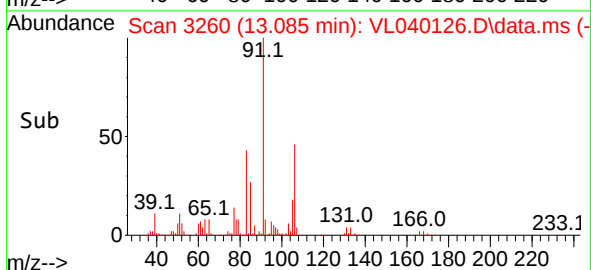
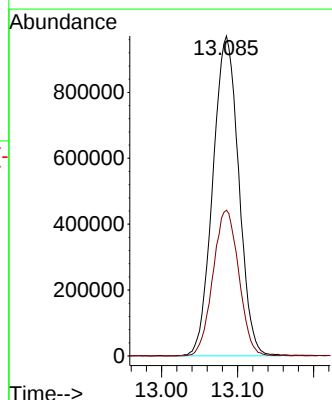
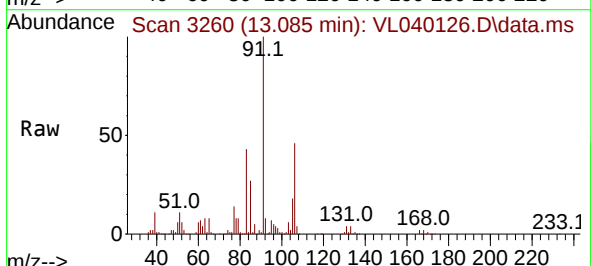
Manual Integrations
APPROVED

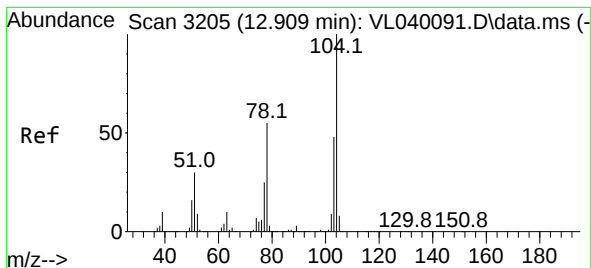
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#60
o-Xylene
Concen: 9.232 ppbv
RT: 13.085 min Scan# 3260
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

Tgt Ion: 91 Resp: 2288449
Ion Ratio Lower Upper
91 100
106 45.8 21.6 64.8





#61

Styrene

Concen: 10.813 ppbv

RT: 12.924 min Scan# 31

Delta R.T. 0.016 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1396720

Ion Ratio Lower Upper

104 100

78 50.5 44.0 66.0

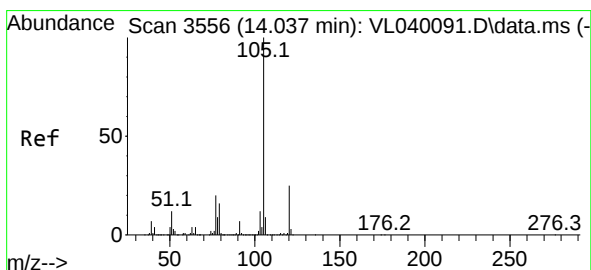
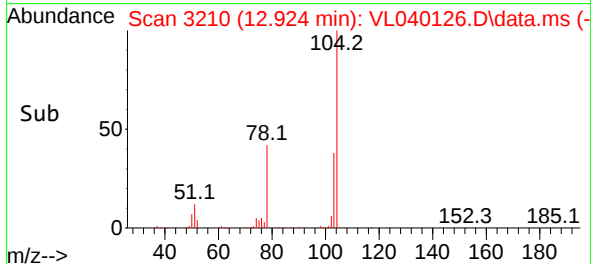
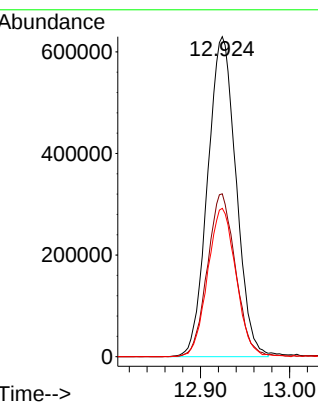
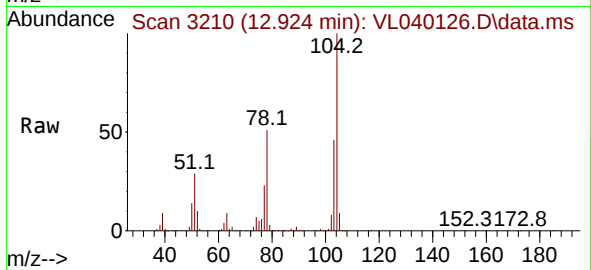
103 46.5 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#62

Isopropylbenzene

Concen: 9.873 ppbv

RT: 14.056 min Scan# 3562

Delta R.T. 0.019 min

Lab File: VL040126.D

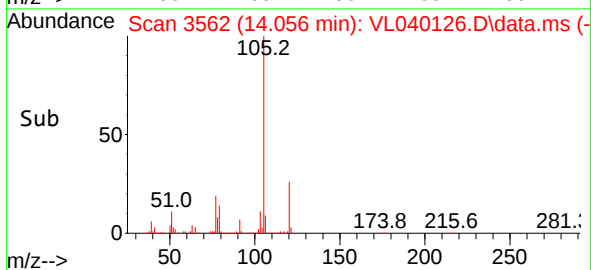
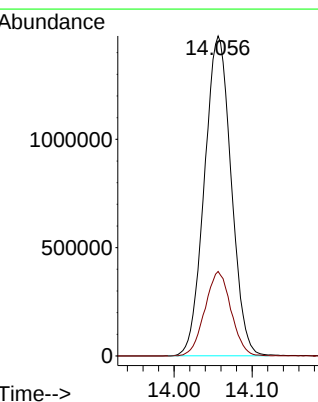
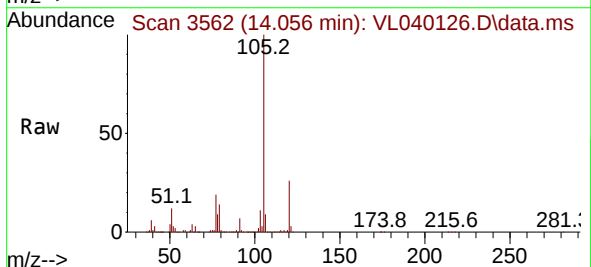
Acq: 20 Jan 2023 8:57

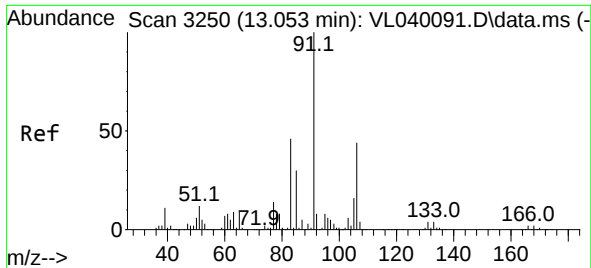
Tgt Ion:105 Resp: 3520145

Ion Ratio Lower Upper

105 100

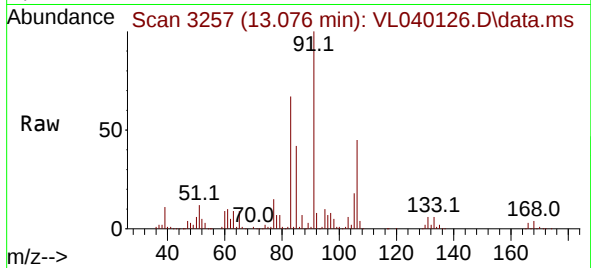
120 25.9 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 14.156 ppbv
RT: 13.076 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

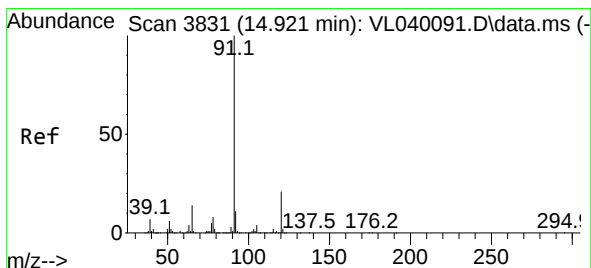
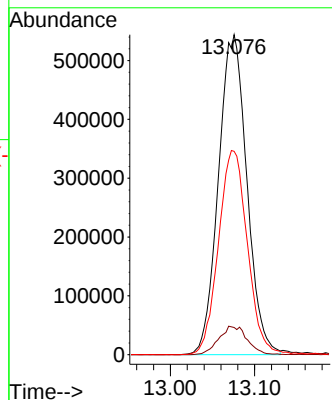
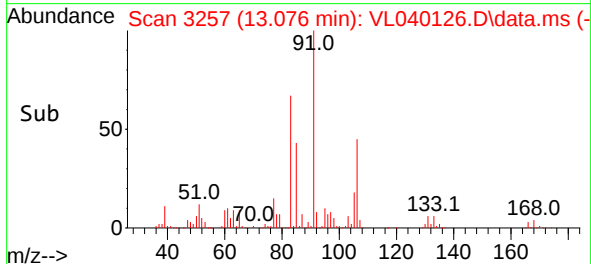
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



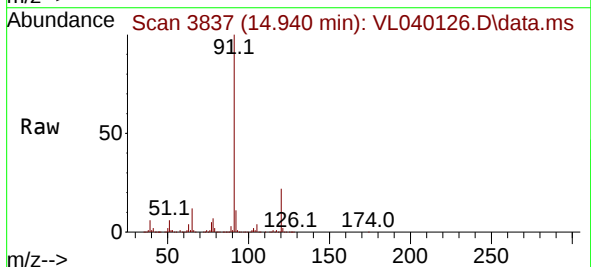
Tgt Ion: 83 Resp: 127412
Ion Ratio Lower Upper
83 100
131 8.9 4.3 13.1
85 65.4 32.5 97.5

Manual Integrations
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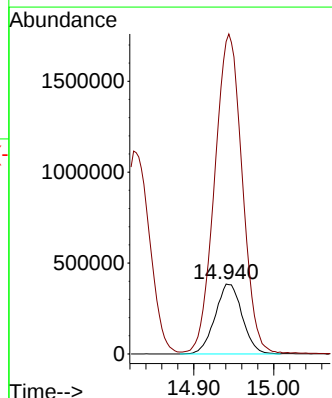
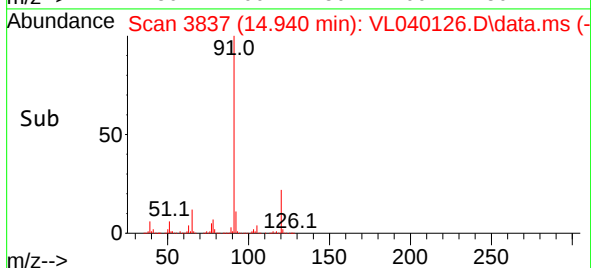
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

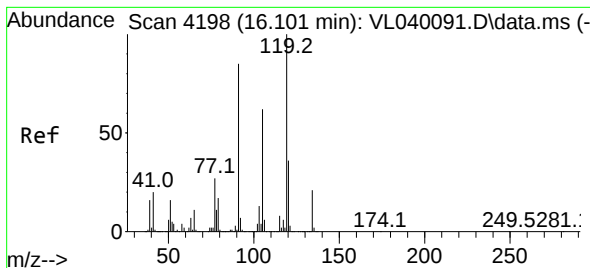


#64
n-propylbenzene
Concen: 10.195 ppbv
RT: 14.940 min Scan# 3837
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57



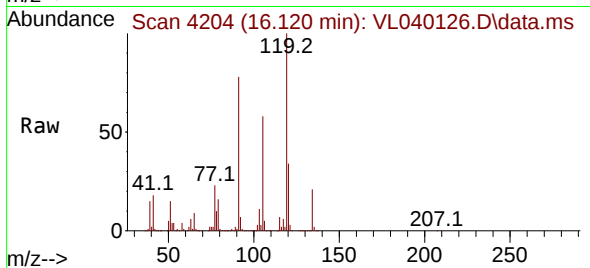
Tgt Ion:120 Resp: 903587
Ion Ratio Lower Upper
120 100
91 468.8 397.0 595.4





#65
tert-Butylbenzene
Concen: 9.984 ppbv
RT: 16.120 min Scan# 4198
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

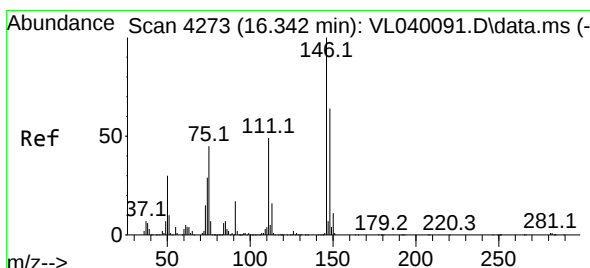
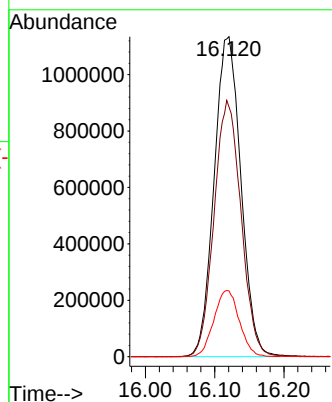
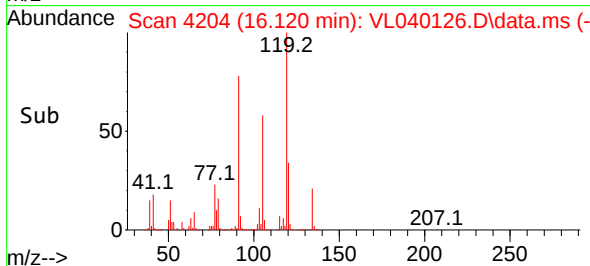
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



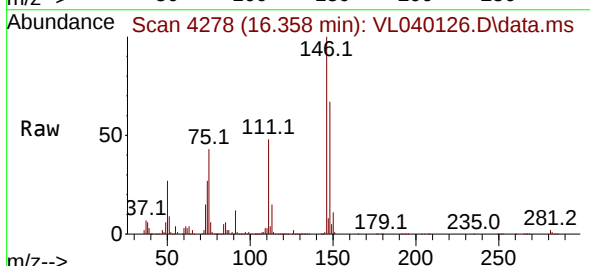
Tgt Ion: 119 Resp: 304751
Ion Ratio Lower Upper
119 100
91 80.6 69.5 104.3
134 19.8 15.8 23.8

Manual Integrations
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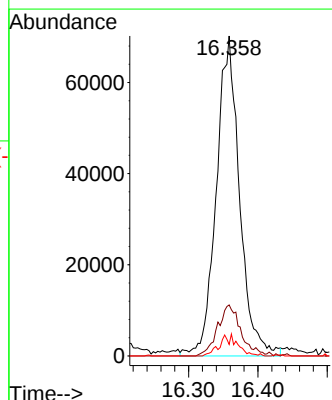
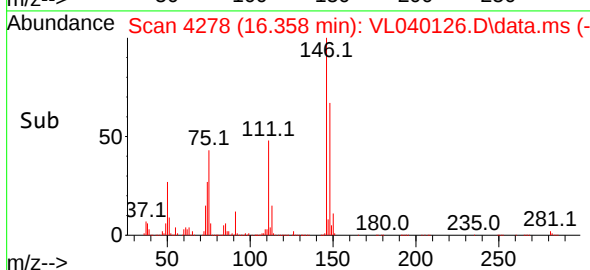
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

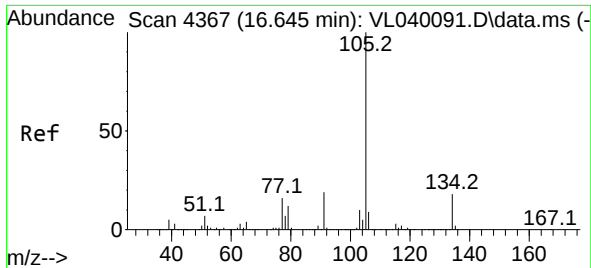


#66
Benzyl Chloride
Concen: 7.856 ppbv m
RT: 16.358 min Scan# 4278
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57



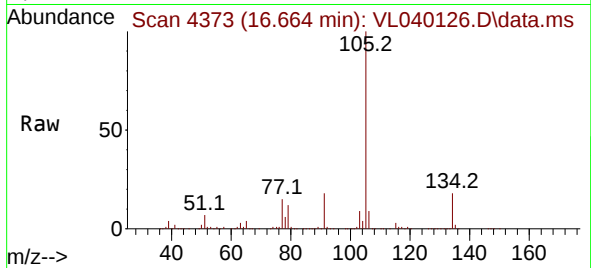
Tgt Ion: 91 Resp: 163891
Ion Ratio Lower Upper
91 100
126 16.1 11.5 17.3
128 5.4 0.0 0.0





#67
 sec-Butylbenzene
 Concen: 9.893 ppbv
 RT: 16.664 min Scan# 41
 Delta R.T. 0.019 min
 Lab File: VL040126.D
 Acq: 20 Jan 2023 8:57

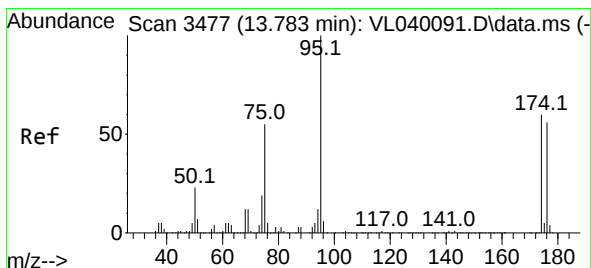
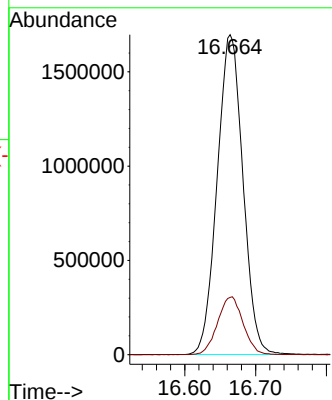
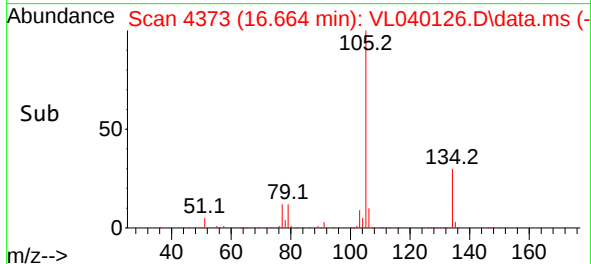
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



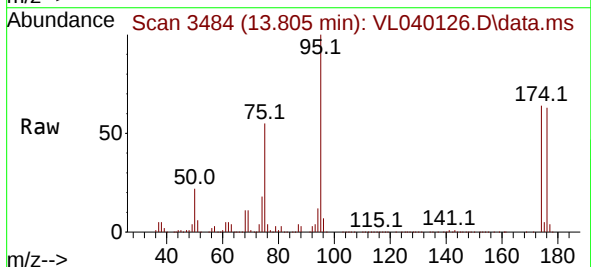
Tgt Ion:105 Resp: 428121
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.1 21.1

Manual Integrations
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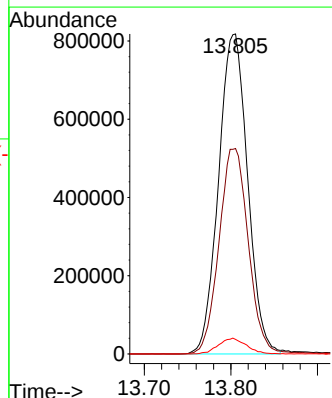
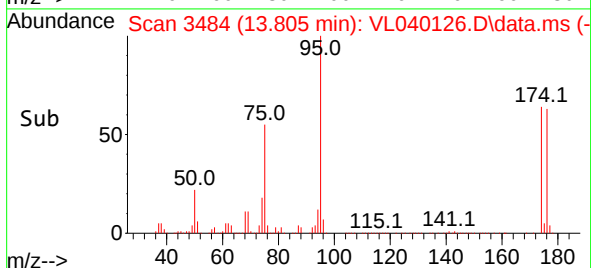
Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

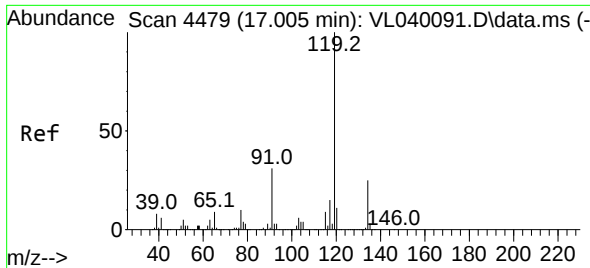


#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.815 ppbv
 RT: 13.805 min Scan# 3484
 Delta R.T. 0.022 min
 Lab File: VL040126.D
 Acq: 20 Jan 2023 8:57



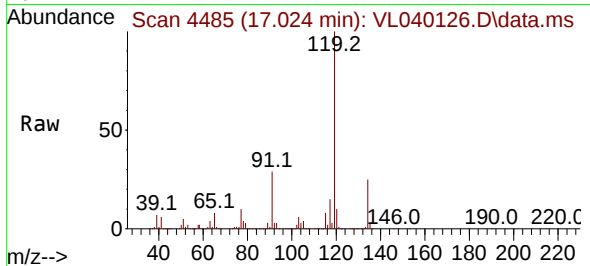
Tgt Ion: 95 Resp: 1906656
 Ion Ratio Lower Upper
 95 100
 174 65.2 47.7 71.5
 175 4.8 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.205 ppbv
RT: 17.024 min Scan# 4479
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

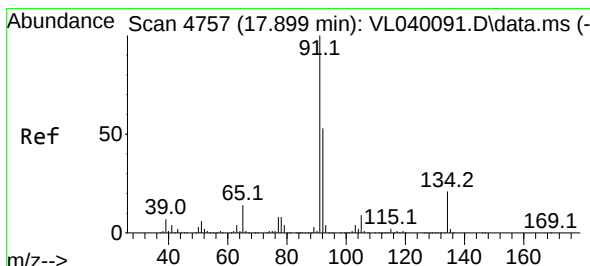
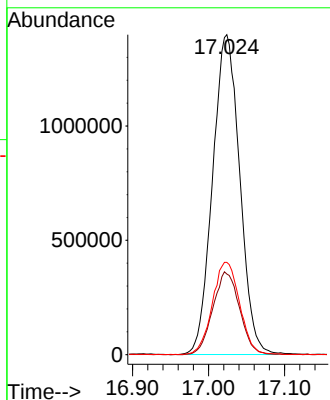
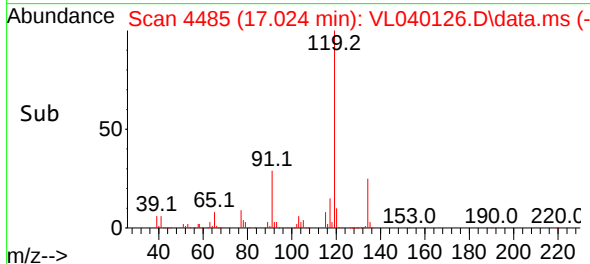
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



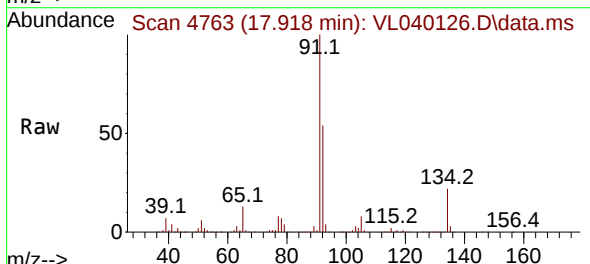
Tgt Ion: 119 Resp: 3470318
Ion Ratio Lower Upper
119 100
134 25.6 20.1 30.1
91 29.2 25.0 37.4

Manual Integrations
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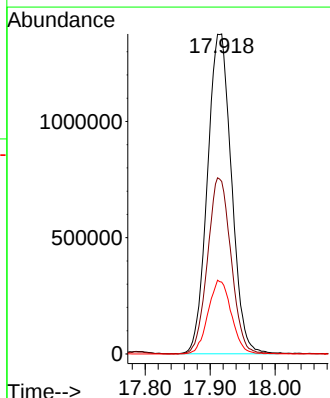
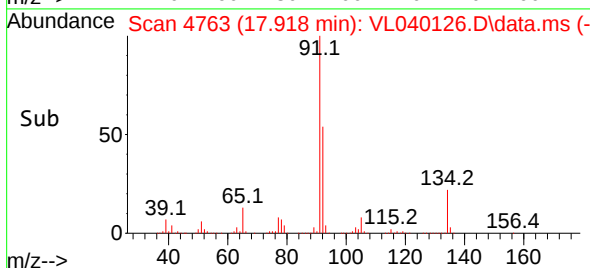
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

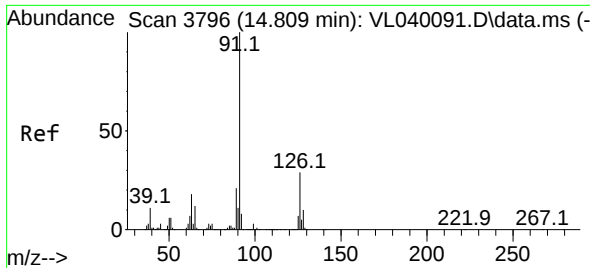


#70
n-Butylbenzene
Concen: 9.625 ppbv
RT: 17.918 min Scan# 4763
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57



Tgt Ion: 91 Resp: 3529800
Ion Ratio Lower Upper
91 100
92 53.9 42.8 64.2
134 22.4 16.9 25.3





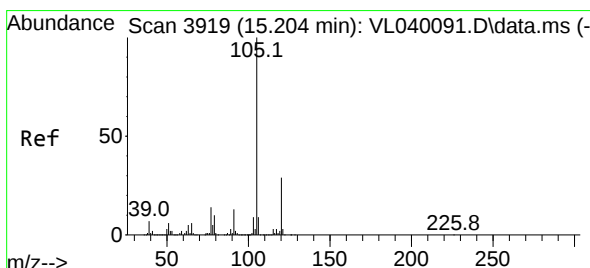
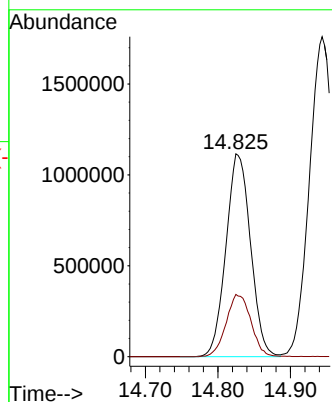
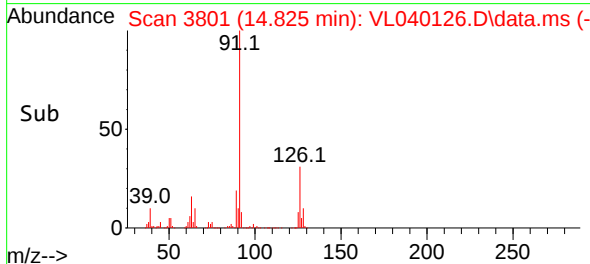
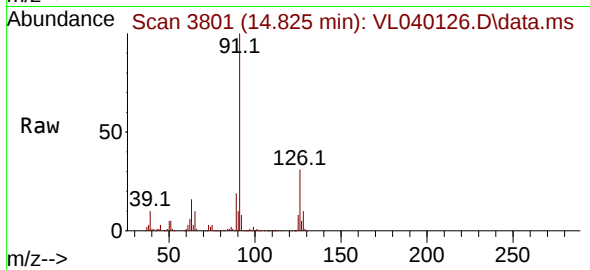
#71
2-Chlorotoluene
Concen: 9.586 ppbv
RT: 14.825 min Scan# 3801
Delta R.T. 0.016 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 262860
Ion Ratio Lower Upper
91 100
126 31.0 11.9 47.5

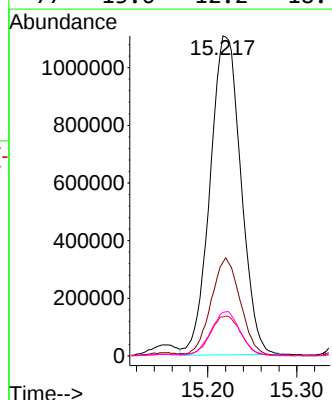
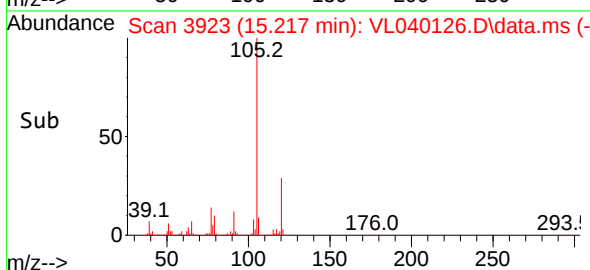
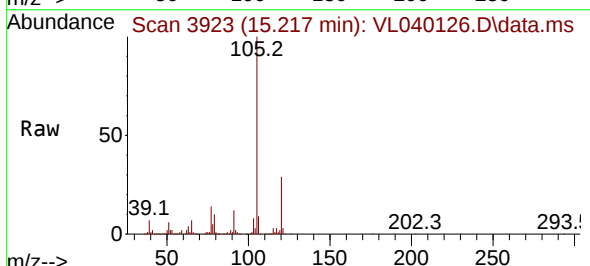
Manual Integrations
APPROVED

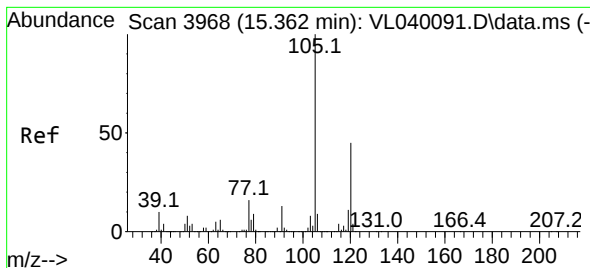
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#72
4-Ethyltoluene
Concen: 9.665 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.013 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

Tgt Ion:105 Resp: 2658483
Ion Ratio Lower Upper
105 100
120 29.5 23.1 34.7
91 12.9 11.2 16.8
77 13.6 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 9.611 ppbv

RT: 15.378 min Scan# 3968

Delta R.T. 0.016 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 2380250

Ion Ratio Lower Upper

105 100

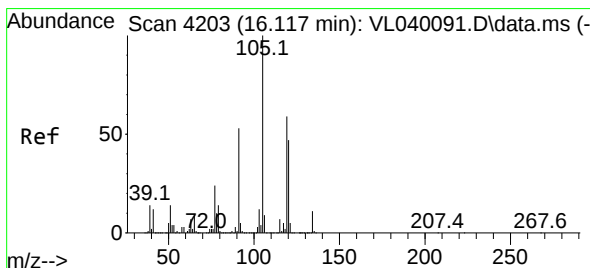
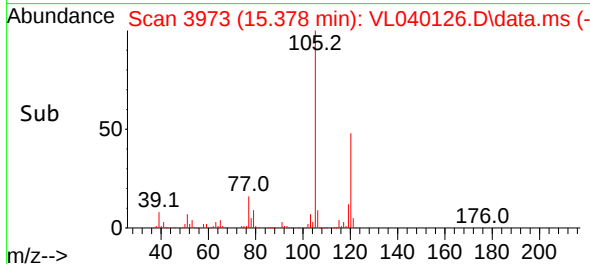
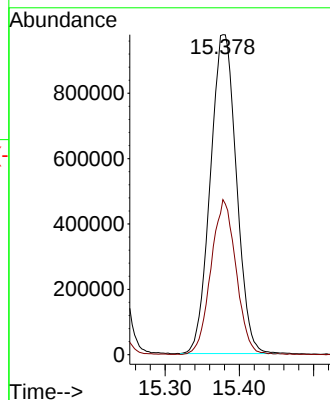
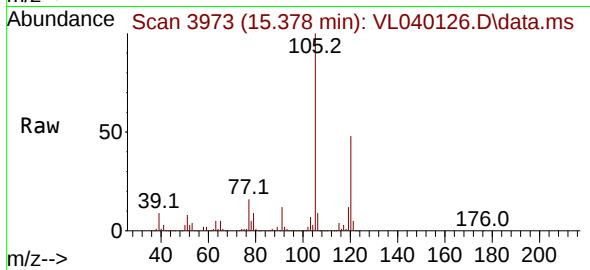
120 48.5 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.138 ppbv

RT: 16.137 min Scan# 4209

Delta R.T. 0.019 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

Tgt Ion:105 Resp: 2507086

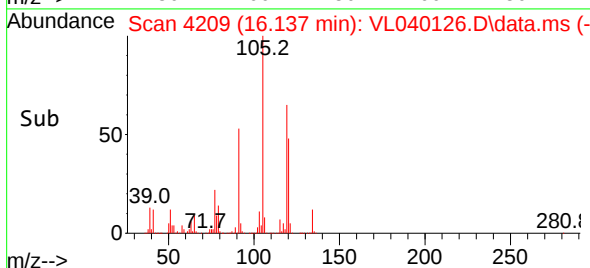
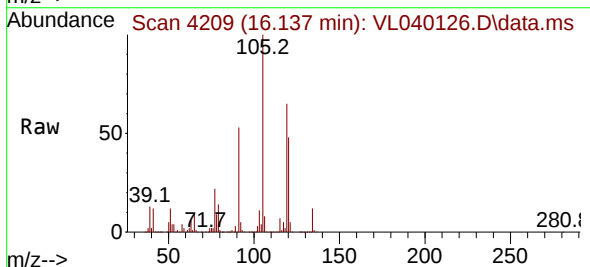
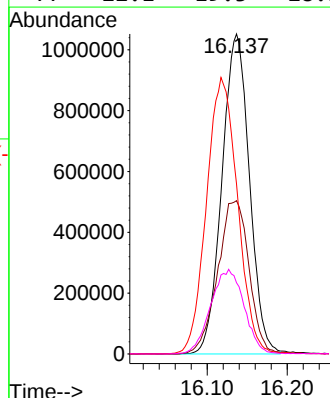
Ion Ratio Lower Upper

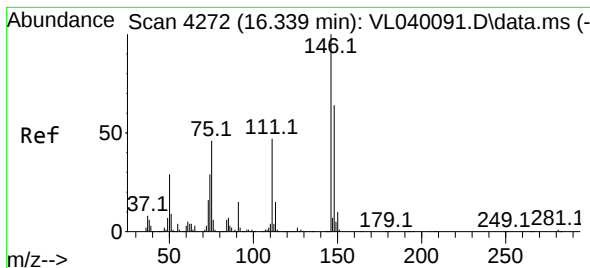
105 100

120 47.8 38.0 57.0

91 52.8 42.1 63.1

77 22.1 19.3 28.9





#75

1,3-Dichlorobenzene

Concen: 9.184 ppbv

RT: 16.362 min Scan# 4323

Delta R.T. 0.022 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 139932

Ion Ratio Lower Upper

146 100

111 46.9 24.3 73.0

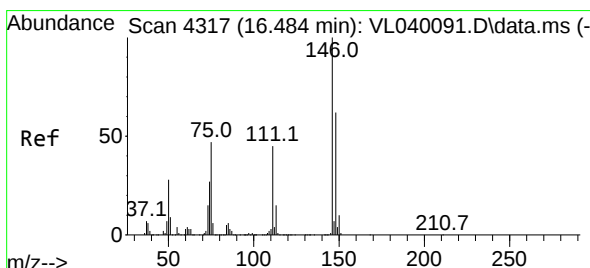
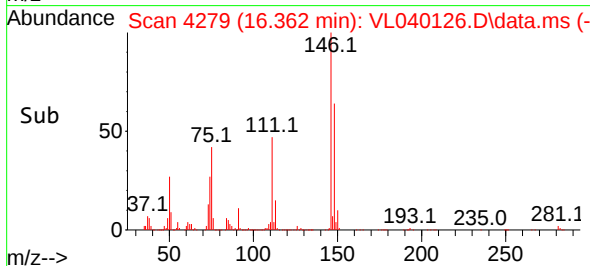
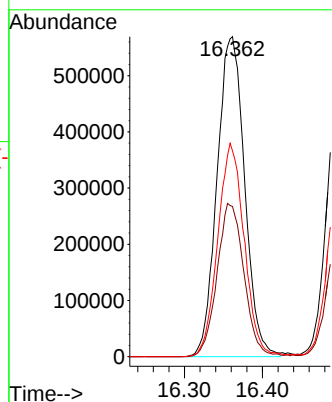
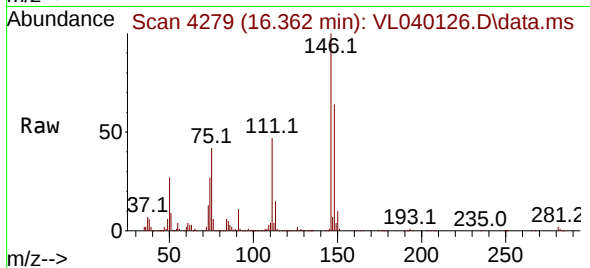
148 64.2 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#76

1,4-Dichlorobenzene

Concen: 9.099 ppbv

RT: 16.503 min Scan# 4323

Delta R.T. 0.019 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

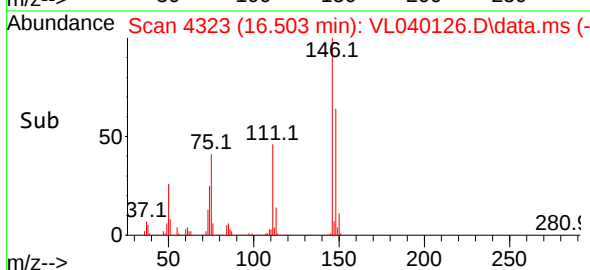
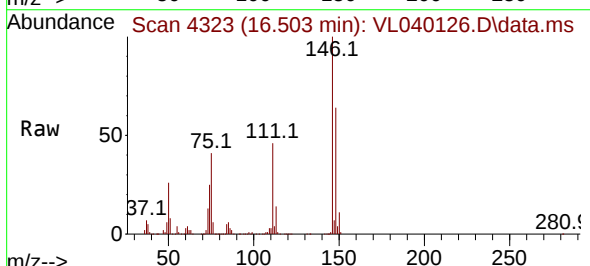
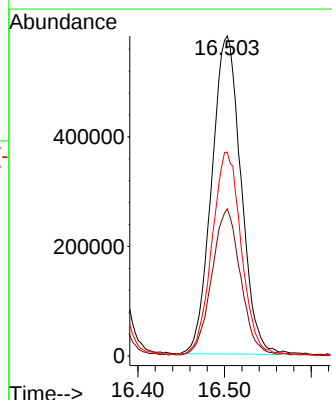
Tgt Ion:146 Resp: 1363144

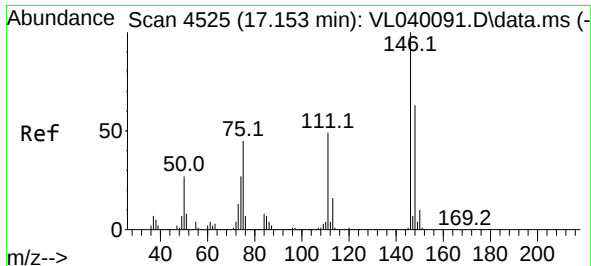
Ion Ratio Lower Upper

146 100

111 45.9 23.8 71.2

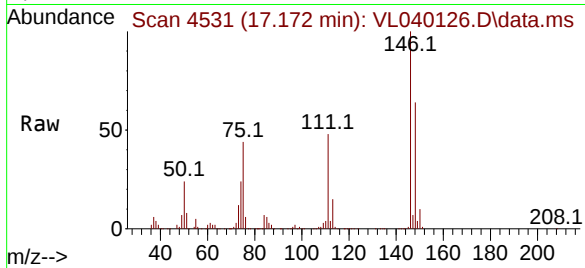
148 65.5 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 9.377 ppbv
RT: 17.172 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57

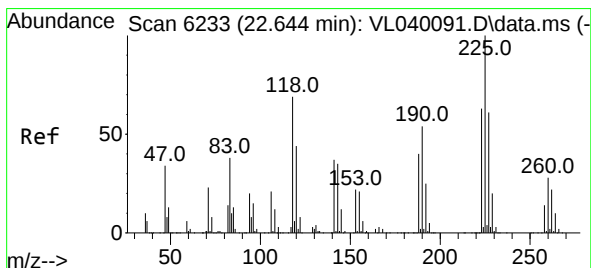
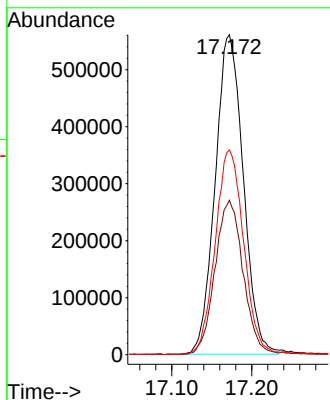
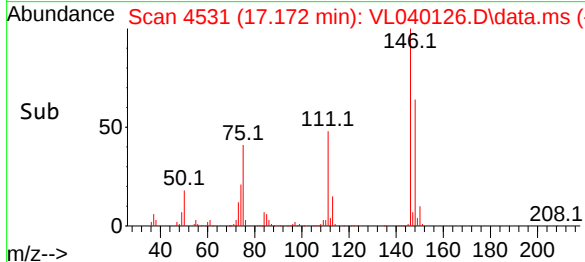
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



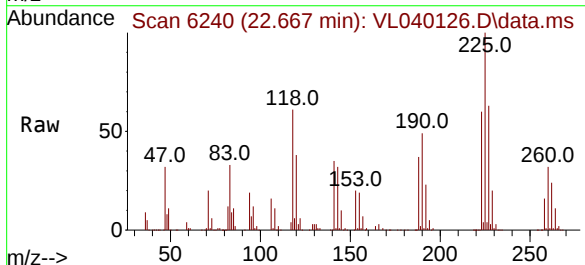
Tgt Ion:146 Resp: 1366370
Ion Ratio Lower Upper
146 100
111 48.7 25.1 75.2
148 65.5 32.4 97.0

Manual Integrations
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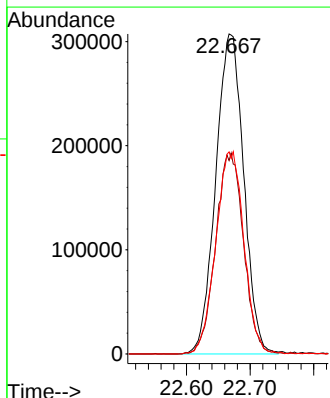
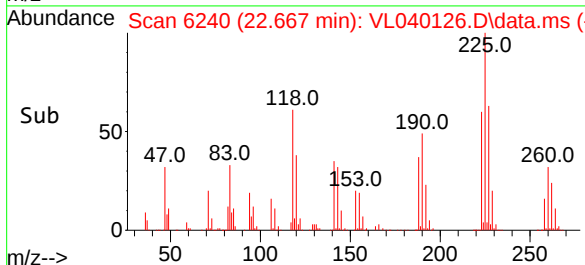
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

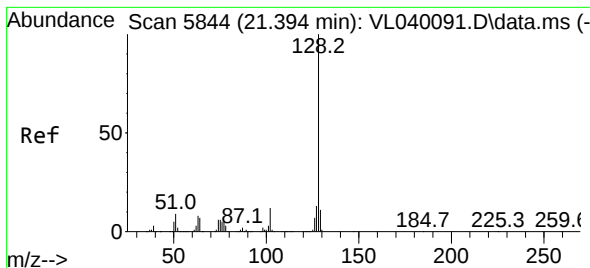


#78
Hexachloro-1,3-Butadiene
Concen: 8.796 ppbv
RT: 22.667 min Scan# 6240
Delta R.T. 0.022 min
Lab File: VL040126.D
Acq: 20 Jan 2023 8:57



Tgt Ion:225 Resp: 938802
Ion Ratio Lower Upper
225 100
223 62.7 51.5 77.3
227 63.9 50.6 76.0





#79

Naphthalene

Concen: 12.745 ppbv

RT: 21.416 min Scan# 5844

Delta R.T. 0.022 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 200310

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

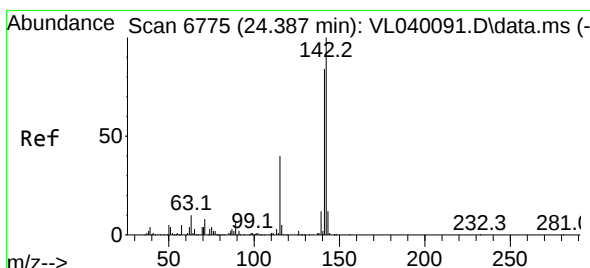
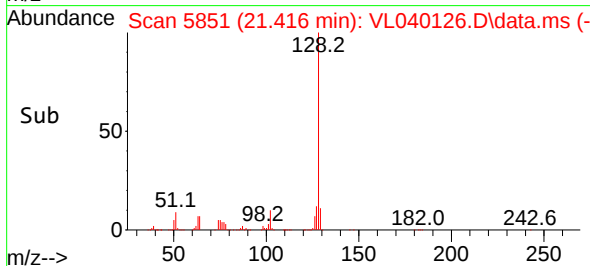
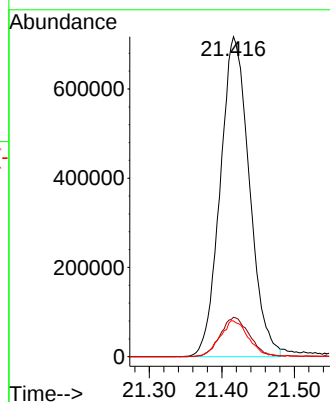
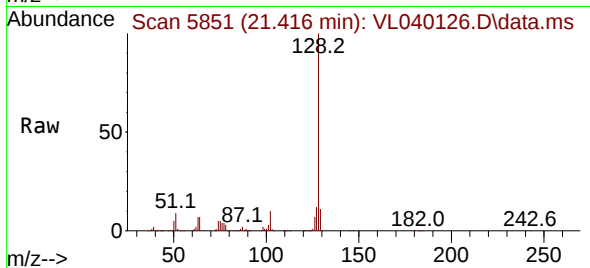
129 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#80

Naphthalene,2-methyl-

Concen: 10.410 ppbv

RT: 24.400 min Scan# 6779

Delta R.T. 0.013 min

Lab File: VL040126.D

Acq: 20 Jan 2023 8:57

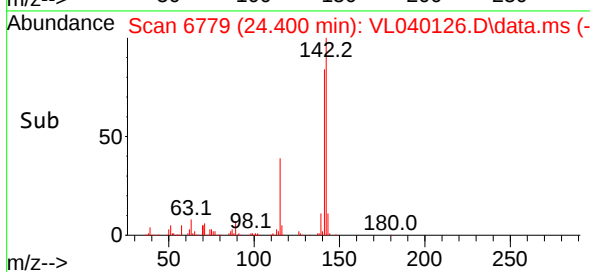
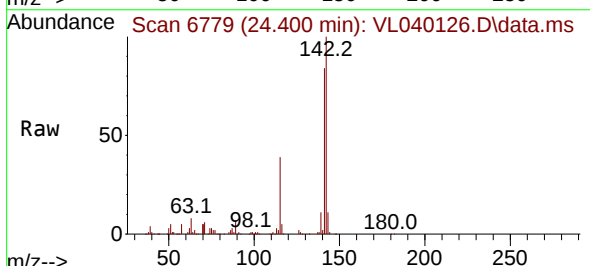
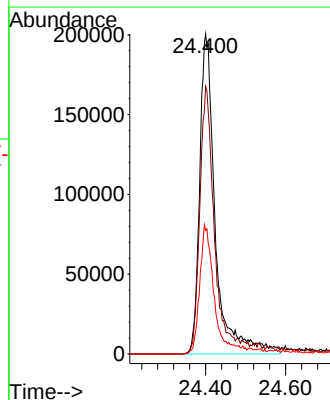
Tgt Ion:142 Resp: 551268

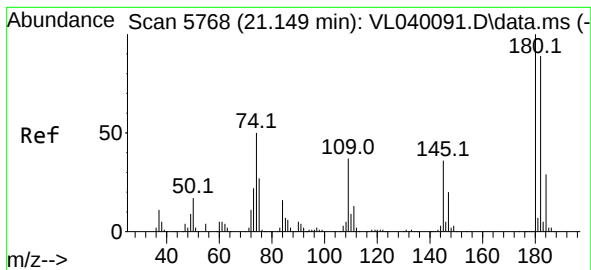
Ion Ratio Lower Upper

142 100

141 81.5 65.0 97.6

115 37.7 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 10.286 ppbv

RT: 21.175 min Scan# 51

Delta R.T. 0.026 min

Lab File: VL040126.D

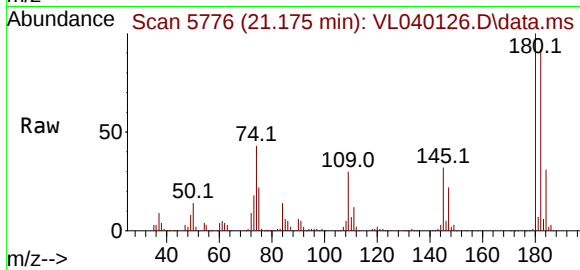
Acq: 20 Jan 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 996399

Ion Ratio Lower Upper

180 100

182 95.3 78.6 117.8

184 30.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023

