

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
 Data File : VL040059.D
 Acq On : 20 Dec 2022 16:48
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Dec 21 03:56:26 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

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

Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/21/2022
 Supervised By : Mahesh Dadoda 12/21/2022

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

Internal Standards						
1) Bromochloromethane	5.166	49	934050	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2526967	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2471059	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.751 95 1851569 9.809 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.706	85	1447223	8.277	ppbv	100
3) Chlorodifluoromethane	2.652	51	1128319	8.187	ppbv	98
4) Chloromethane	2.790	50	624328	7.230	ppbv	100
5) Vinyl Chloride	2.896	62	594517	8.509	ppbv	99
6) Bromomethane	3.095	94	259023	10.090	ppbv	99
7) Chloroethane	3.173	64	216420	8.210	ppbv	97
8) Dichlorotetrafluoroethane	2.835	85	1515785	8.240	ppbv	98
9) Propene	2.671	41	461100	7.884	ppbv	98
10) Heptane	7.552	43	1149307	8.052	ppbv	99
11) Trichlorofluoromethane	3.536	101	1573308	8.281	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.041	101	1165174	8.098	ppbv	100
13) Ethanol	3.221	45	30037m	5.457	ppbv	
14) Bromoethene	3.343	108	459218	8.475	ppbv	100
15) Acetone	3.443	43	1169851	8.096	ppbv	98
16) 1,3-Butadiene	2.960	39	536139	8.536	ppbv	98
17) tert-Butyl alcohol	3.851	59	1191645	8.365	ppbv	100
18) 1,1-Dichloroethene	3.854	96	506325	8.084	ppbv	96
19) Isopropyl Alcohol	3.549	45	513097	7.206	ppbv #	98
20) Methylene Chloride	3.906	84	444856	7.243	ppbv	98
21) Allyl Chloride	3.970	41	696922	8.027	ppbv	100
22) trans-1,2-Dichloroethene	4.420	96	509267	8.159	ppbv	94
23) Vinyl Acetate	4.597	43	188883	4.123	ppbv #	96
24) 1,1-Dichloroethane	4.539	63	1063427	7.905	ppbv	99
25) Ethyl Acetate	5.176	43	2382596	9.521	ppbv	99
26) Hexane	5.185	57	891187	8.474	ppbv	89
27) Carbon Disulfide	4.099	76	1184266	8.927	ppbv	99
28) Methyl tert-Butyl Ether	4.562	73	981510	7.918	ppbv	99
29) Chloroform	5.246	83	1520369	9.473	ppbv	98
30) Cyclohexane	6.574	84	769900	8.266	ppbv	99
31) cis-1,2-Dichloroethene	5.054	61	803965	8.027	ppbv	99
32) 1,1,1-Trichloroethane	5.976	97	1528255	8.894	ppbv	99
34) 2-Butanone	4.758	43	1178509	8.597	ppbv	99
35) Carbon Tetrachloride	6.468	117	1572708	10.020	ppbv	96
36) Benzene	6.343	78	1929623	8.550	ppbv	98
37) 1,2-Dichloroethane	5.780	62	1165718	8.805	ppbv	98
38) Trichloroethene	7.266	130	898769	7.750	ppbv	95
39) 1,2-Dichloropropane	7.044	63	737748	8.721	ppbv	98
40) 1,4-Dioxane	7.262	88	303904	7.971	ppbv	84
41) Tetrahydrofuran	5.533	42	730569	8.538	ppbv	99
42) Bromodichloromethane	7.224	83	1694670	9.344	ppbv	95
43) Methyl Methacrylate	7.446	69	791278	9.342	ppbv	99
44) 2,2,4-Trimethylpentane	7.301	57	3177606	8.553	ppbv	99
45) t-1,3-Dichloropropene	8.684	75	632273	8.832	ppbv	98

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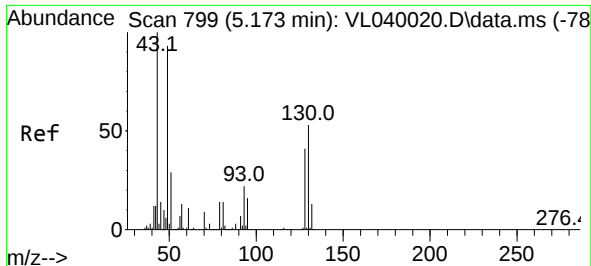
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

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

Response via : Initial Calibration

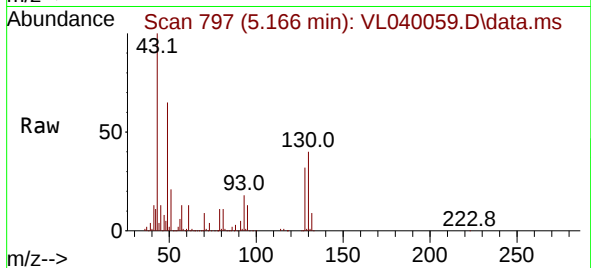
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.115	75	914011	9.053	ppbv	98
47) 1,1,2-Trichloroethane	8.877	97	800059	8.636	ppbv	97
48) Dibromochloromethane	9.684	129	1358435	9.642	ppbv	99
49) Bromoform	12.378	173	1063086	9.891	ppbv	99
50) 4-Methyl-2-Pentanone	8.156	43	1996360	8.914	ppbv	100
51) 2-Hexanone	9.523	43	1530023	8.783	ppbv #	100
52) Tetrachloroethene	10.587	164	629612	8.205	ppbv	97
53) Toluene	9.195	91	2194060	8.781	ppbv	100
54) 1,2-Dibromoethane	9.983	107	1019026	10.215	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.484	131	1035412	9.084	ppbv	98
57) Chlorobenzene	11.500	112	1651631	7.874	ppbv	93
58) Ethyl Benzene	12.063	91	2971320	8.463	ppbv	99
59) m/p-Xylene	12.349	91	5046839m	16.501	ppbv	
60) o-Xylene	13.034	91	2456637	8.384	ppbv	99
61) Styrene	12.873	104	1355546	8.625	ppbv	99
62) Isopropylbenzene	14.005	105	3635903	8.606	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.021	83	1353304	12.597	ppbv	99
64) n-propylbenzene	14.889	120	922315	8.643	ppbv	97
65) tert-Butylbenzene	16.066	119	3186913	8.681	ppbv	98
66) Benzyl Chloride	16.304	91	148654m	6.944	ppbv	
67) sec-Butylbenzene	16.613	105	4489875	8.727	ppbv	100
69) p-Isopropyltoluene	16.973	119	3561951	8.667	ppbv	100
70) n-Butylbenzene	17.860	91	3755875	8.723	ppbv	100
71) 2-Chlorotoluene	14.777	91	2762593	8.571	ppbv	100
72) 4-Ethyltoluene	15.169	105	2743493	8.432	ppbv	99
73) 1,3,5-Trimethylbenzene	15.326	105	2452199	8.357	ppbv	95
74) 1,2,4-Trimethylbenzene	16.085	105	2647082	8.184	ppbv	97
75) 1,3-Dichlorobenzene	16.304	146	1401893	7.921	ppbv	99
76) 1,4-Dichlorobenzene	16.449	146	1359122	7.866	ppbv	98
77) 1,2-Dichlorobenzene	17.121	146	1364342	8.038	ppbv	100
78) Hexachloro-1,3-Butadiene	22.606	225	832125	7.067	ppbv #	100
79) Naphthalene	21.355	128	1626660	8.440	ppbv	98
80) Naphthalene,2-methyl-	24.355	142	282935	4.798	ppbv	94
81) 1,2,4-Trichlorobenzene	21.117	180	862306m	7.533	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 79
Delta R.T. -0.007 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

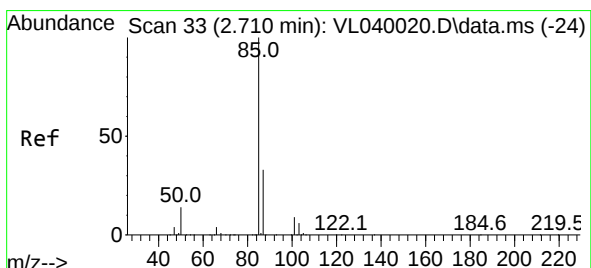
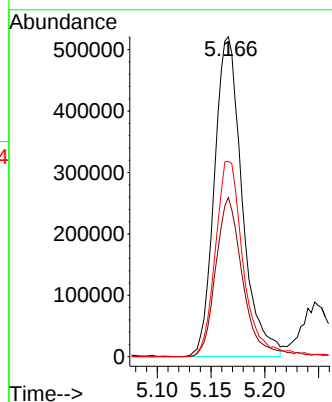
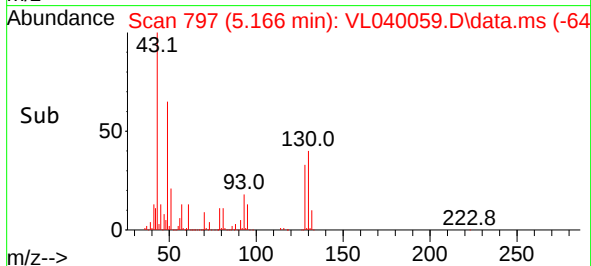
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 934050
Ion Ratio Lower Upper
49 100
128 49.3 22.4 67.3
130 63.2 28.9 86.8

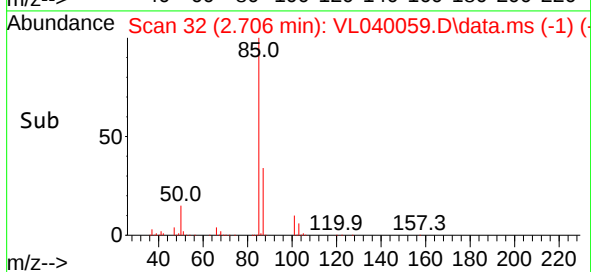
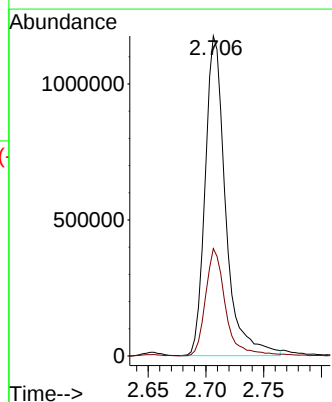
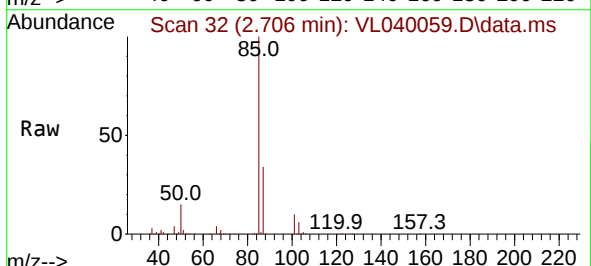
Manual Integrations
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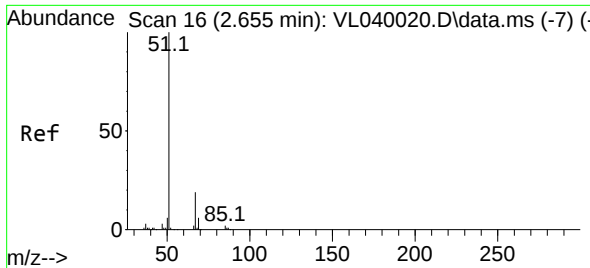
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#2
Dichlorodifluoromethane
Concen: 8.277 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.003 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 85 Resp: 1447223
Ion Ratio Lower Upper
85 100
87 33.5 26.6 40.0





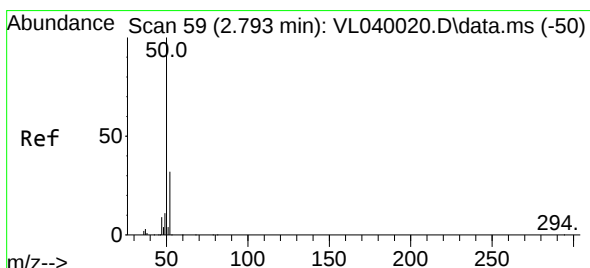
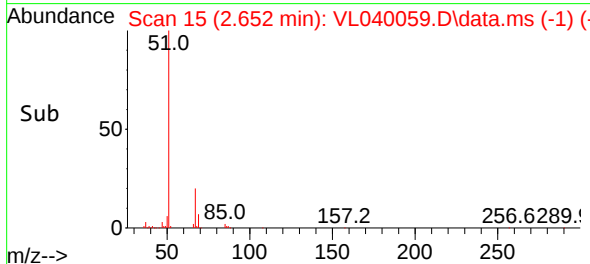
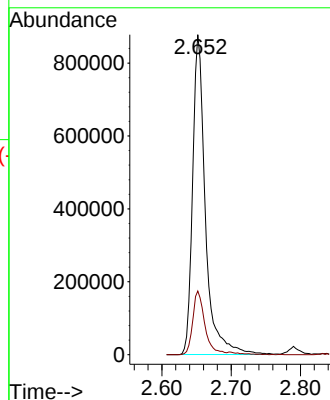
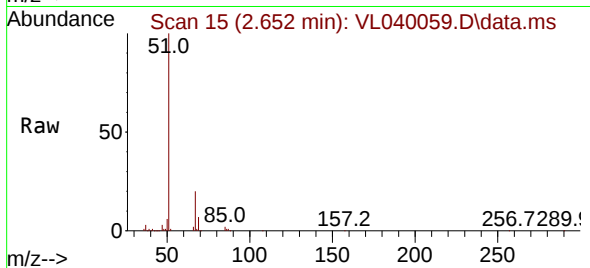
#3
Chlorodifluoromethane
Concen: 8.187 ppbv
RT: 2.652 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1128319
Ion Ratio Lower Upper
51 100
67 19.8 15.3 22.9

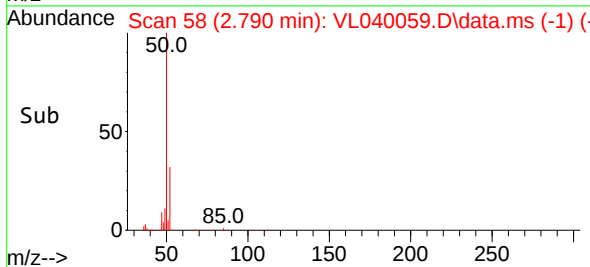
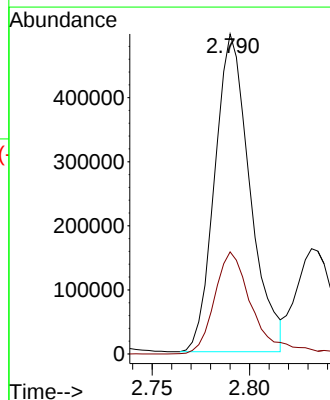
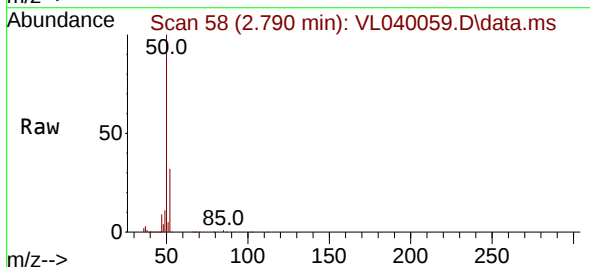
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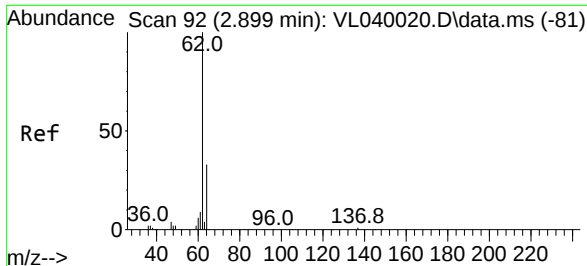
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#4
Chloromethane
Concen: 7.230 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.003 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 50 Resp: 624328
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3





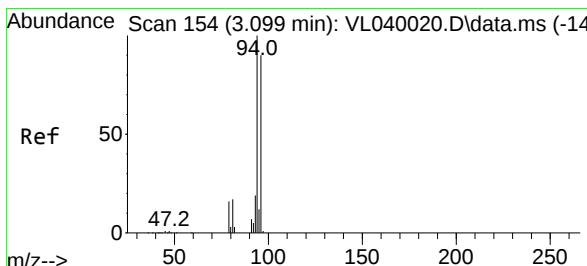
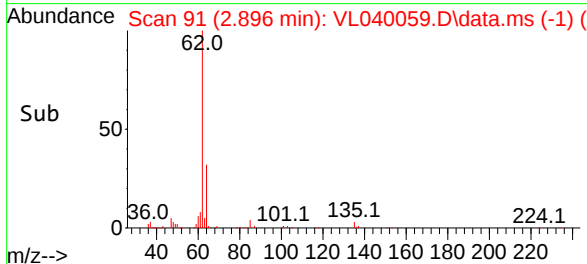
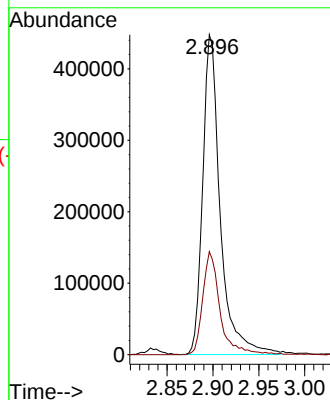
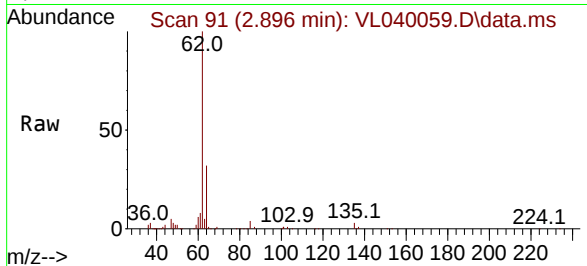
#5
 Vinyl Chloride
 Concen: 8.509 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 59451
 Ion Ratio Lower Upper
 62 100
 64 32.2 26.1 39.1

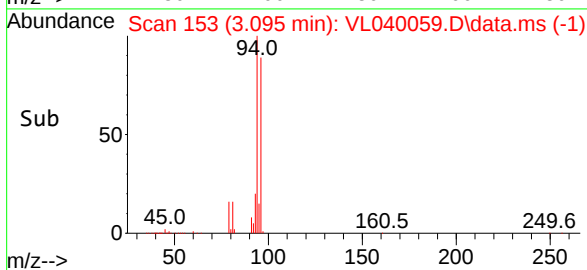
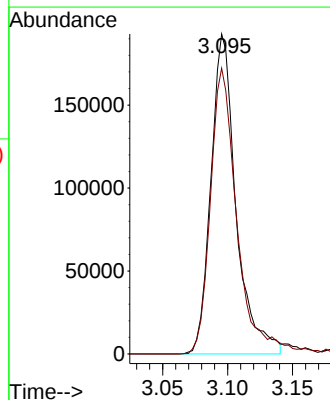
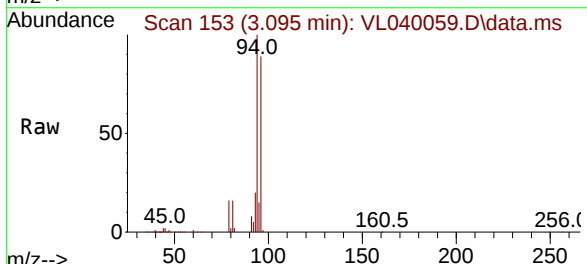
Manual Integrations
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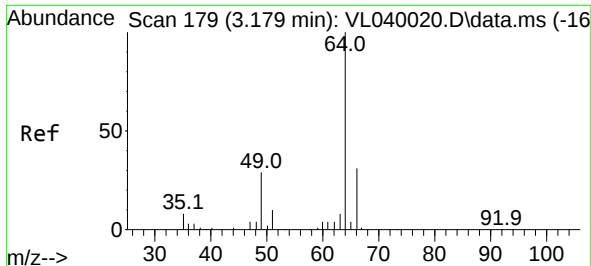
Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#6
 Bromomethane
 Concen: 10.090 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. -0.003 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

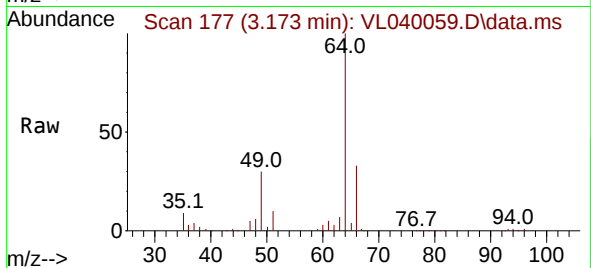
Tgt Ion: 94 Resp: 259023
 Ion Ratio Lower Upper
 94 100
 96 89.3 72.0 108.0





#7
Chloroethane
Concen: 8.210 ppbv
RT: 3.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

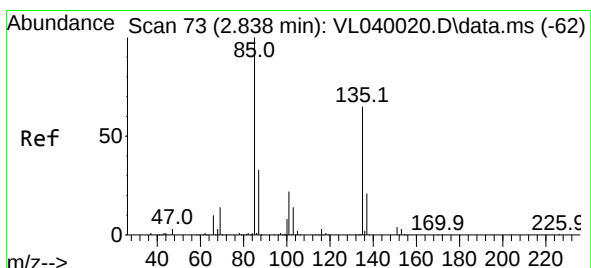
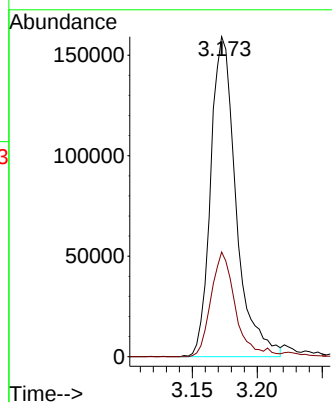
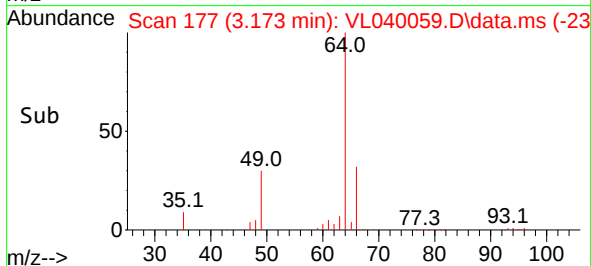
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 216420
Ion Ratio Lower Upper
64 100
66 32.7 24.6 37.0

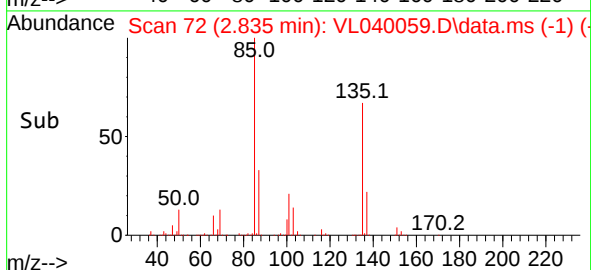
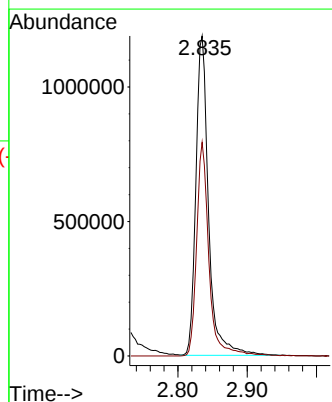
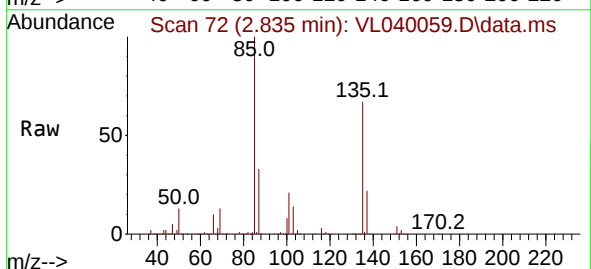
Manual Integrations
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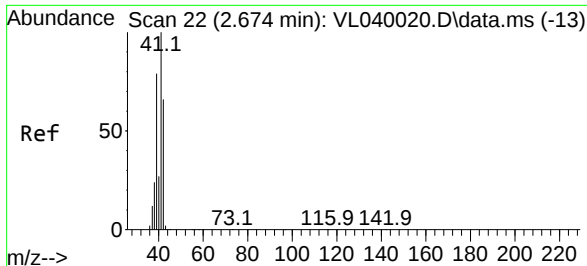
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#8
Dichlorotetrafluoroethane
Concen: 8.240 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.003 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

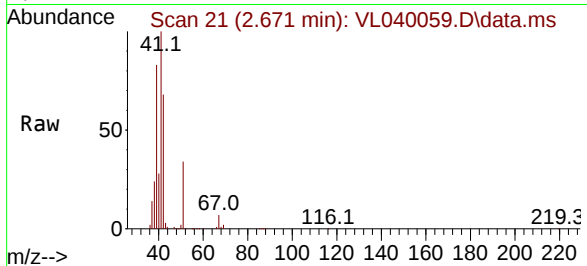
Tgt Ion: 85 Resp: 1515785
Ion Ratio Lower Upper
85 100
135 65.2 53.2 79.8





#9
 Propene
 Concen: 7.884 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

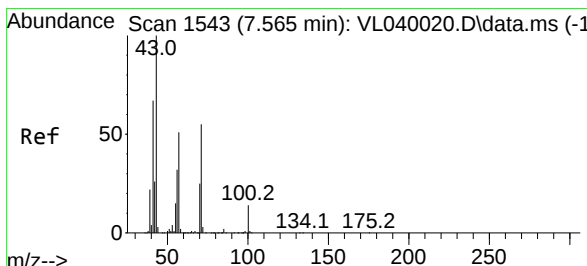
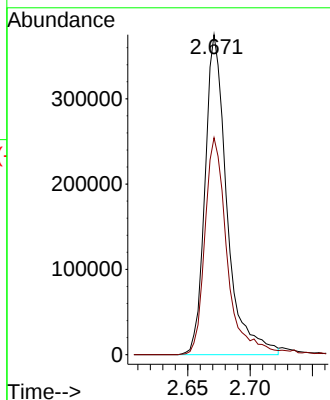
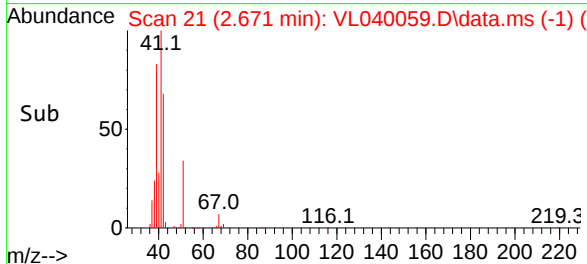
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 461100
 Ion Ratio Lower Upper
 41 100
 42 70.1 54.8 82.2

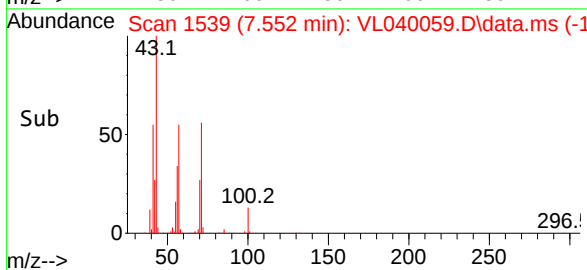
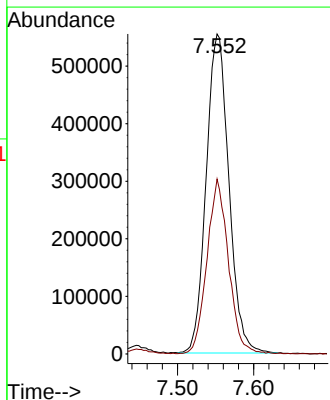
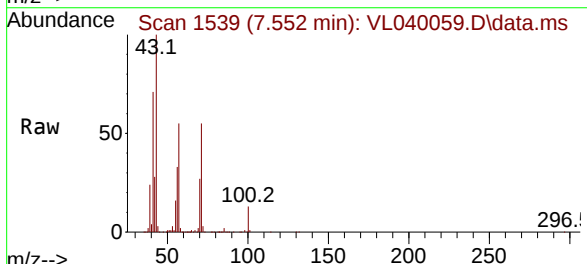
Manual Integrations
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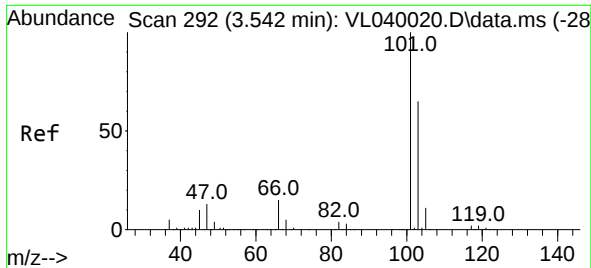
Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#10
 Heptane
 Concen: 8.052 ppbv
 RT: 7.552 min Scan# 1539
 Delta R.T. -0.013 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

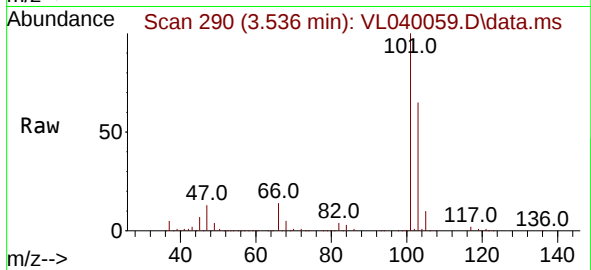
Tgt Ion: 43 Resp: 1149307
 Ion Ratio Lower Upper
 43 100
 57 52.3 41.2 61.8





#11
 Trichlorofluoromethane
 Concen: 8.281 ppbv
 RT: 3.536 min Scan# 292
 Delta R.T. -0.006 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

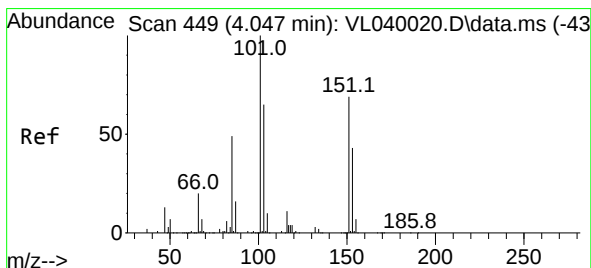
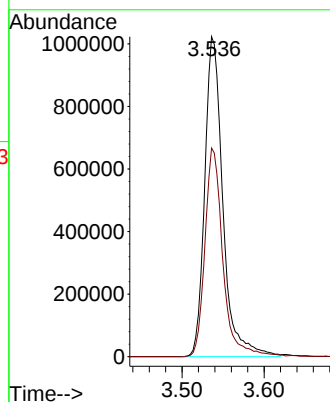
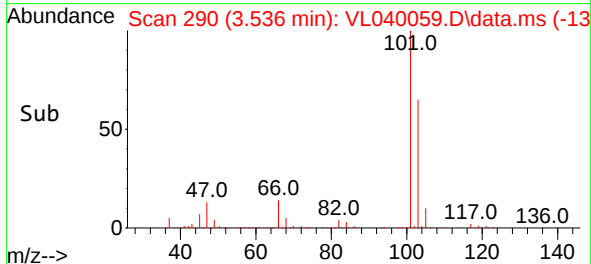
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



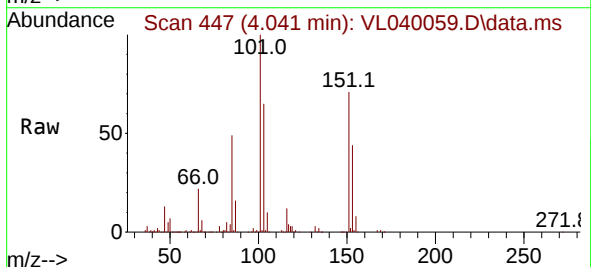
Tgt Ion:101 Resp: 1573308
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.7 77.5

Manual Integrations
 APPROVED

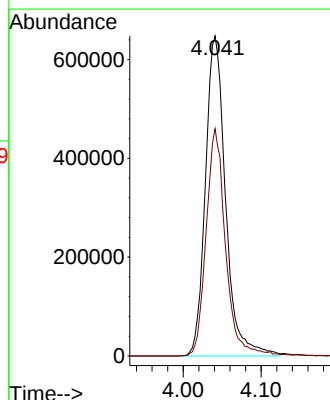
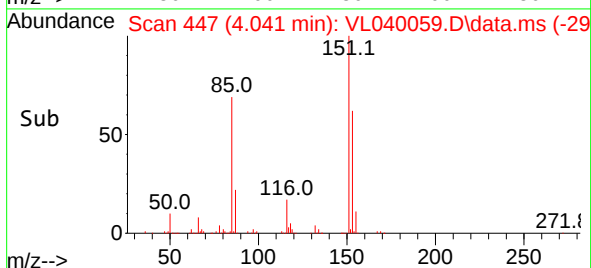
Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

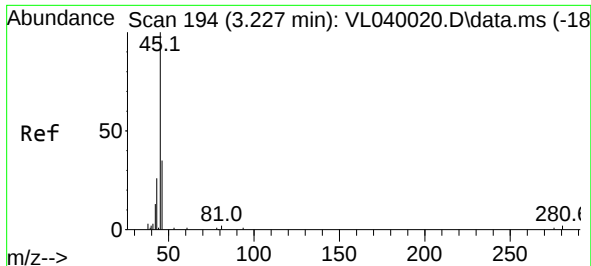


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.098 ppbv
 RT: 4.041 min Scan# 447
 Delta R.T. -0.006 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48



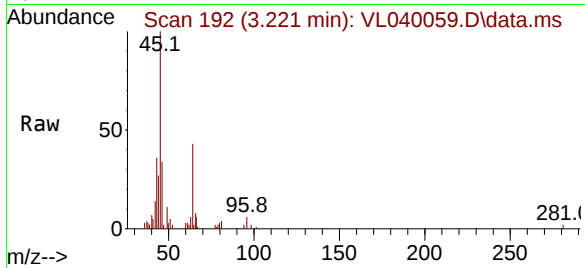
Tgt Ion:101 Resp: 1165174
 Ion Ratio Lower Upper
 101 100
 151 68.6 55.0 82.4





#13
Ethanol
Concen: 5.457 ppbv m
RT: 3.221 min Scan# 194
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

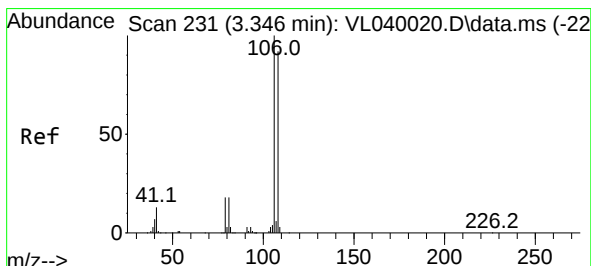
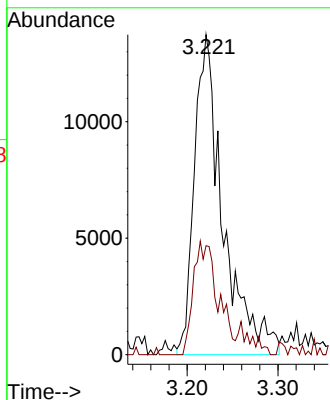
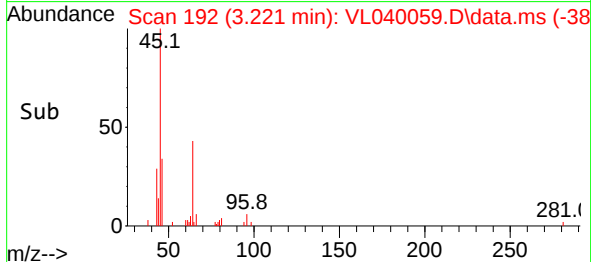
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



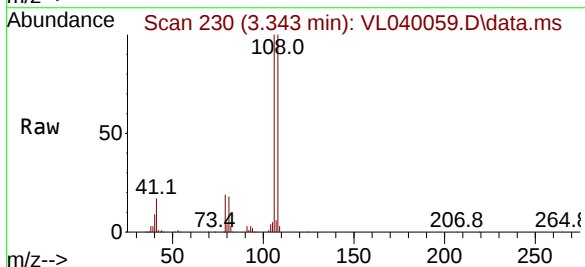
Tgt Ion: 45 Resp: 3003
Ion Ratio Lower Upper
45 100
46 35.1 13.7 54.7

Manual Integrations
APPROVED

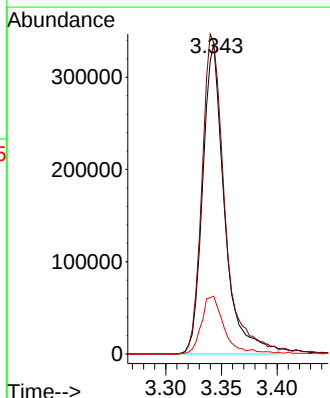
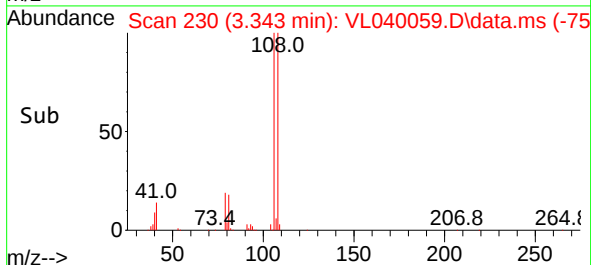
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

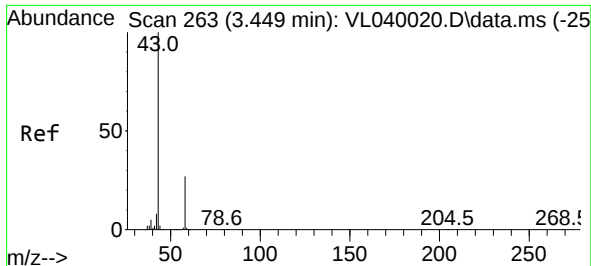


#14
Bromoethene
Concen: 8.475 ppbv
RT: 3.343 min Scan# 230
Delta R.T. -0.003 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48



Tgt Ion:108 Resp: 459218
Ion Ratio Lower Upper
108 100
106 108.9 87.5 131.3
79 20.0 15.8 23.8





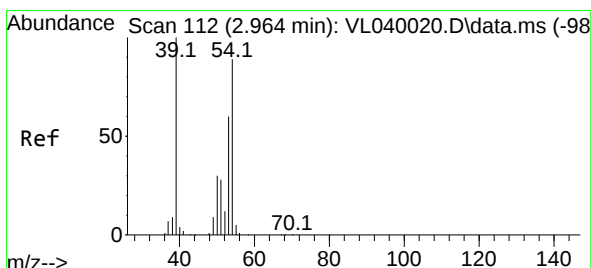
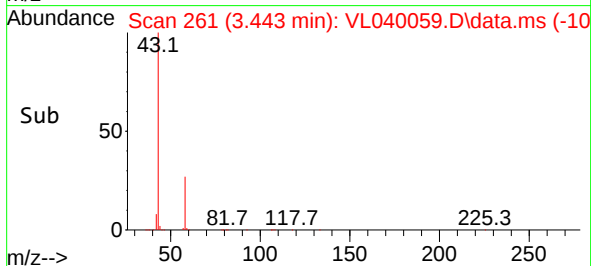
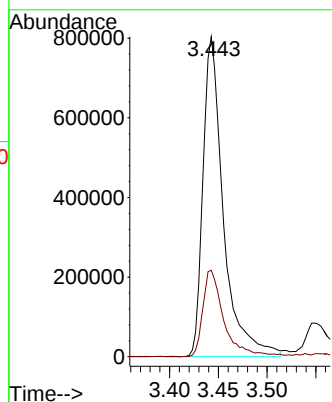
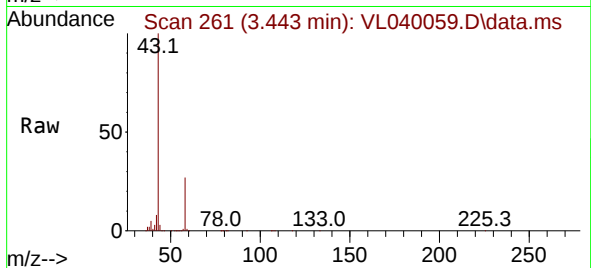
#15
Acetone
Concen: 8.096 ppbv
RT: 3.443 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 116985
Ion Ratio Lower Upper
43 100
58 28.2 21.8 32.8

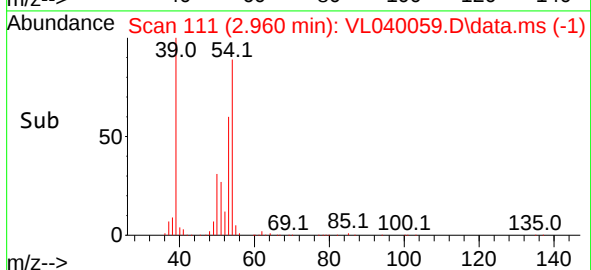
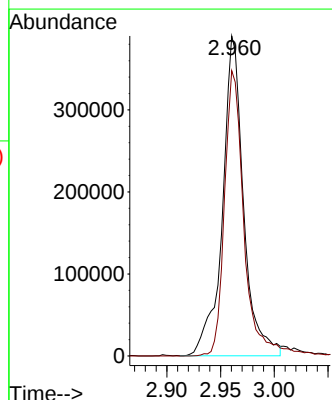
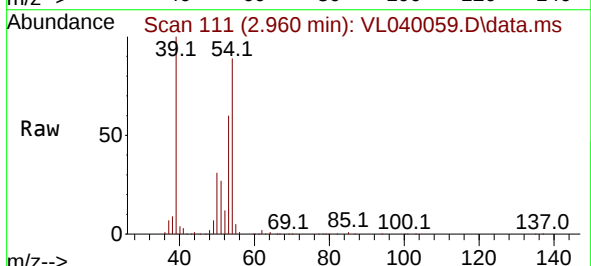
Manual Integrations
APPROVED

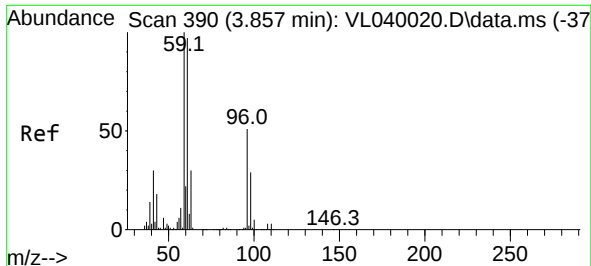
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#16
1,3-Butadiene
Concen: 8.536 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 39 Resp: 536139
Ion Ratio Lower Upper
39 100
54 83.3 68.3 102.5





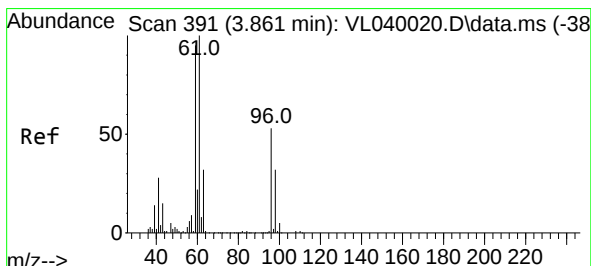
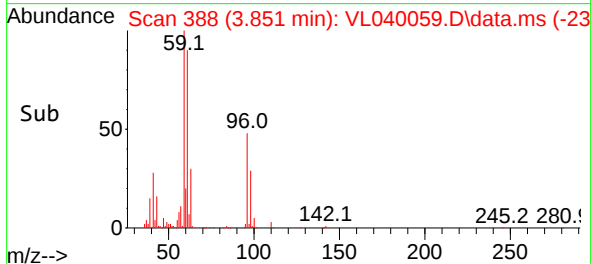
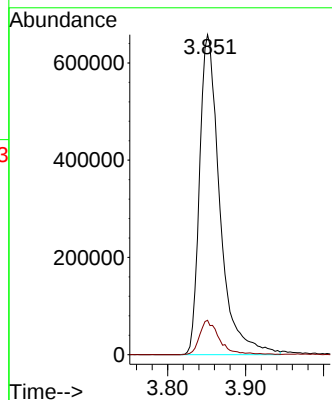
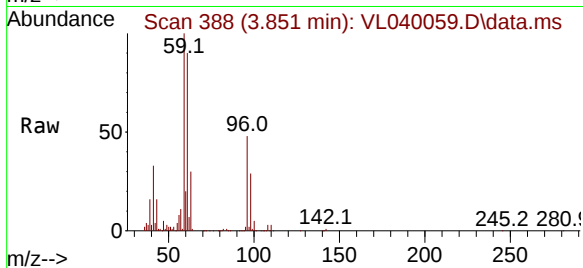
#17
tert-Butyl alcohol
Concen: 8.365 ppbv
RT: 3.851 min Scan# 388
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 59 Resp: 119164
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6

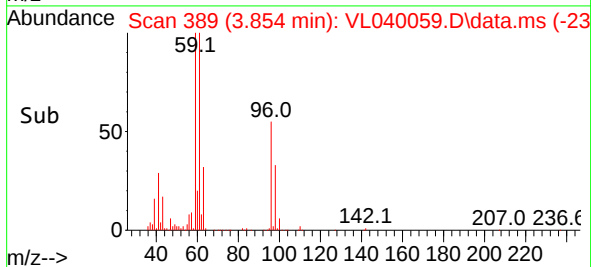
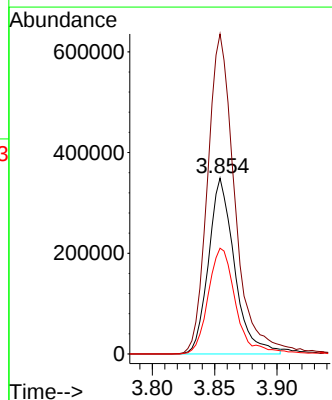
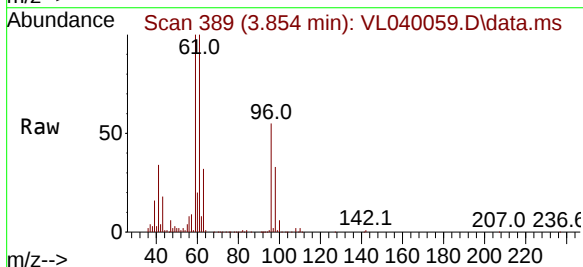
Manual Integrations
APPROVED

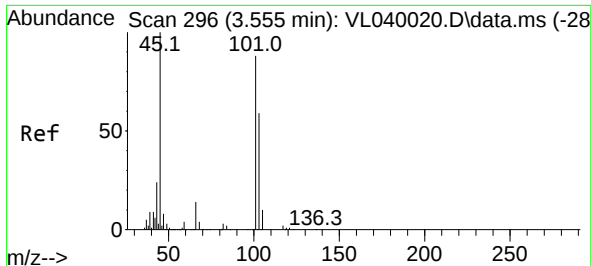
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#18
1,1-Dichloroethene
Concen: 8.084 ppbv
RT: 3.854 min Scan# 389
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

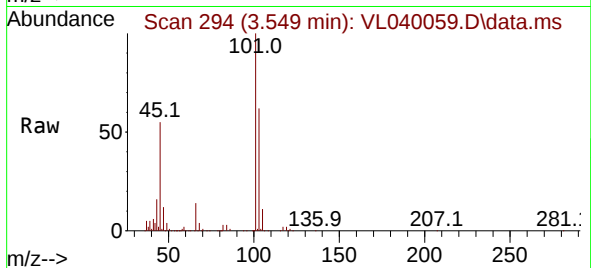
Tgt Ion: 96 Resp: 506325
Ion Ratio Lower Upper
96 100
61 181.7 151.0 226.6
98 60.2 47.7 71.5





#19
Isopropyl Alcohol
Concen: 7.206 ppbv
RT: 3.549 min Scan# 296
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

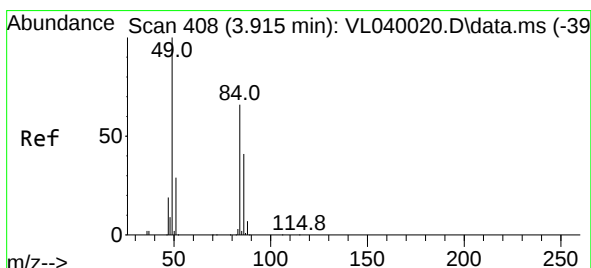
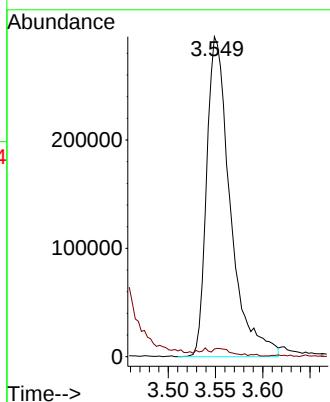
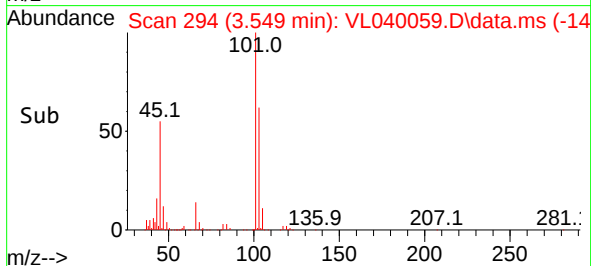
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



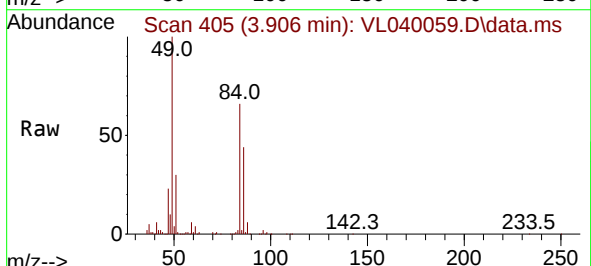
Tgt Ion: 45 Resp: 51309
Ion Ratio Lower Upper
45 100
58 2.7 1.7 2.5

Manual Integrations
APPROVED

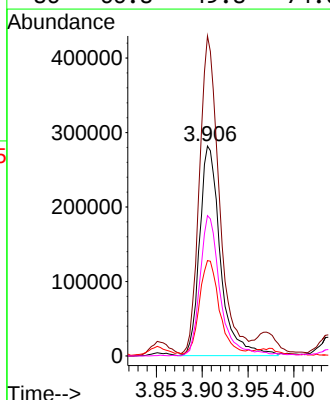
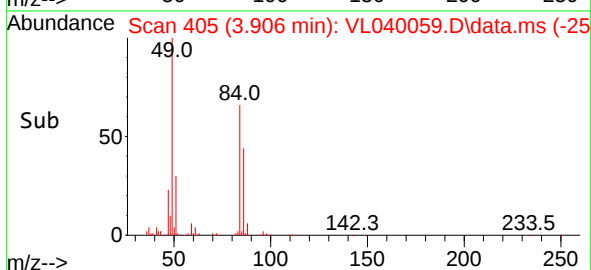
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

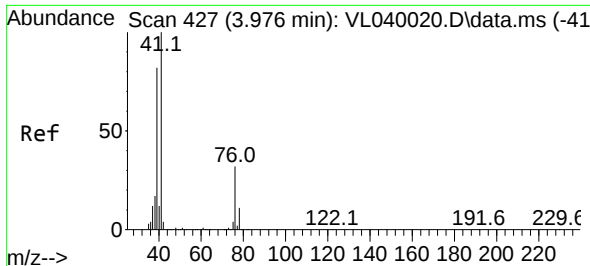


#20
Methylene Chloride
Concen: 7.243 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48



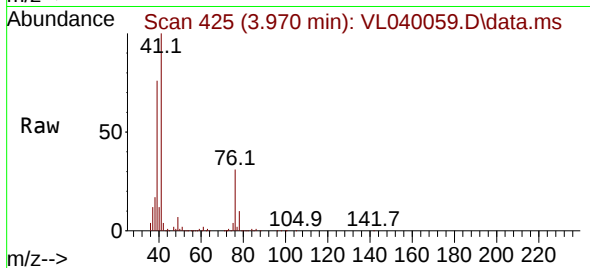
Tgt Ion: 84 Resp: 444856
Ion Ratio Lower Upper
84 100
49 151.2 120.5 180.7
51 43.9 35.2 52.8
86 66.8 49.8 74.6





#21
 Allyl Chloride
 Concen: 8.027 ppbv
 RT: 3.970 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

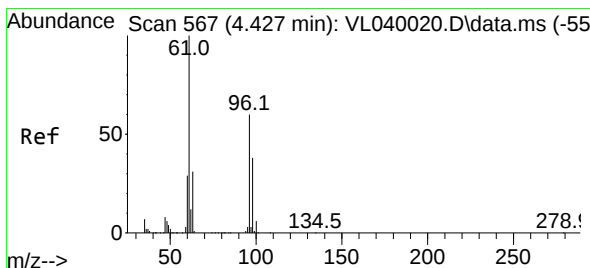
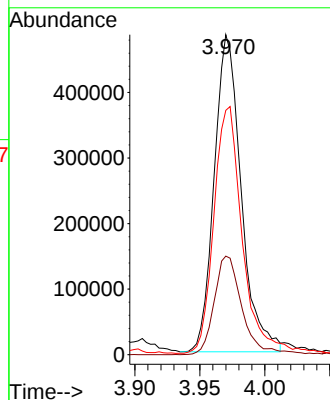
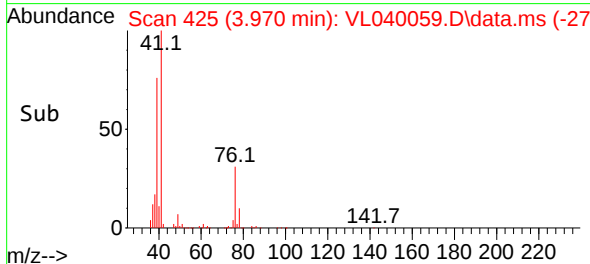
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



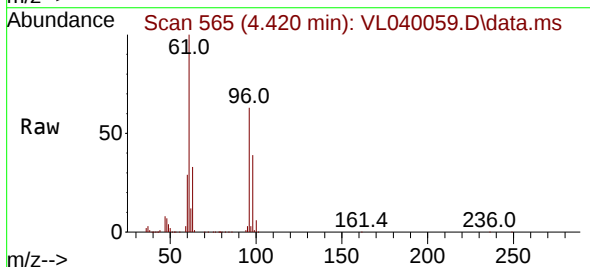
Tgt Ion: 41 Resp: 69692
 Ion Ratio Lower Upper
 41 100
 76 32.4 25.9 38.9
 39 82.8 66.0 99.0

Manual Integrations
 APPROVED

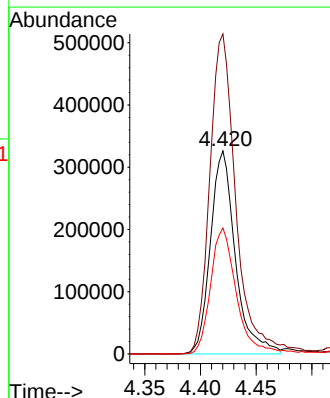
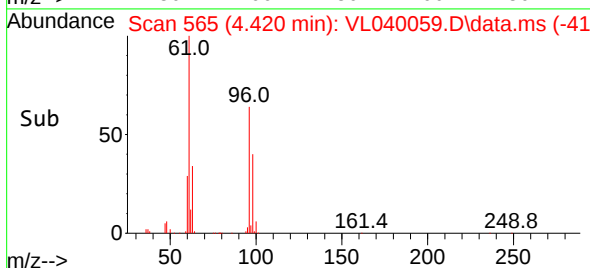
Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

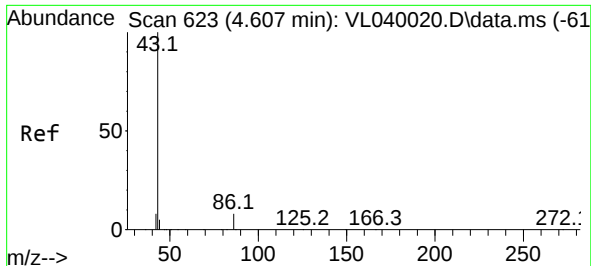


#22
 trans-1,2-Dichloroethene
 Concen: 8.159 ppbv
 RT: 4.420 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48



Tgt Ion: 96 Resp: 509267
 Ion Ratio Lower Upper
 96 100
 61 157.5 133.6 200.4
 98 62.0 51.4 77.0





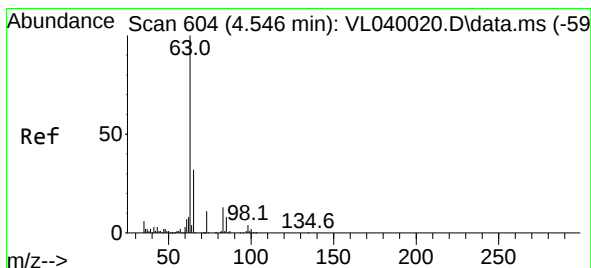
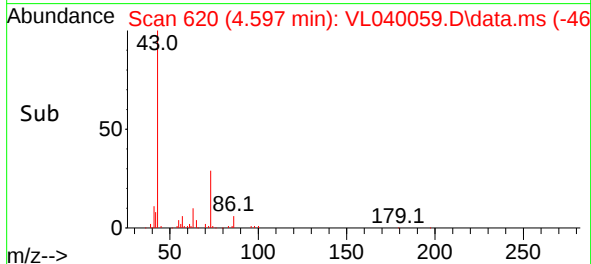
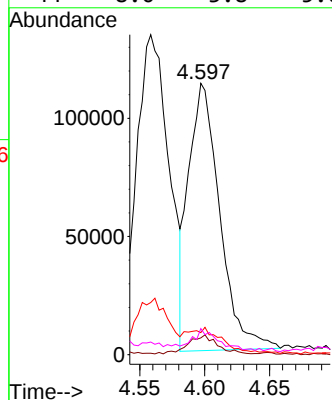
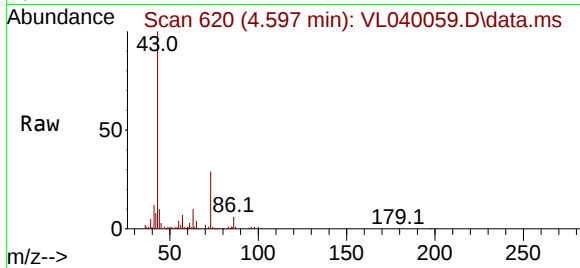
#23
 Vinyl Acetate
 Concen: 4.123 ppbv
 RT: 4.597 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43	Resp: 18888
Ion Ratio	Lower Upper
43 100	
86 6.1	5.3 7.9
42 7.9	7.4 11.0
44 8.0	3.8 5.6#

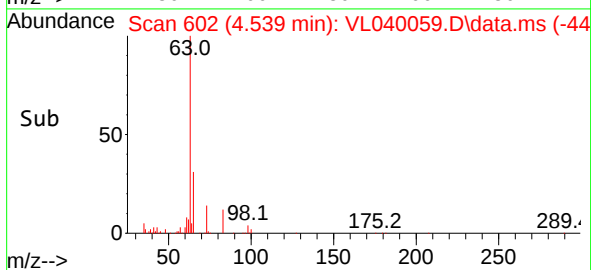
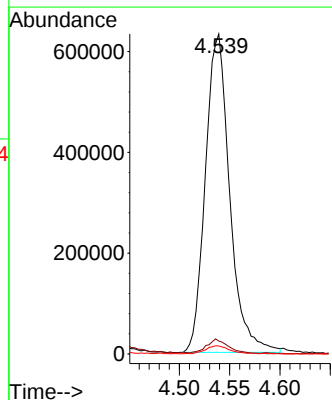
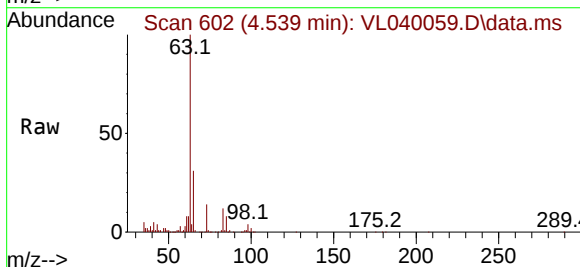
Manual Integrations
 APPROVED

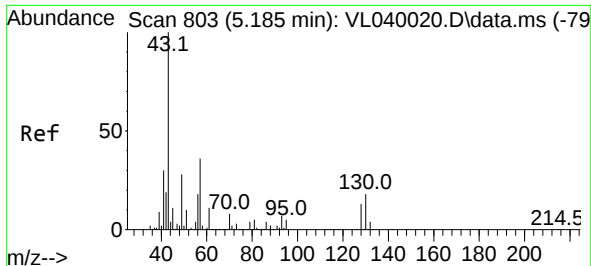
Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#24
 1,1-Dichloroethane
 Concen: 7.905 ppbv
 RT: 4.539 min Scan# 602
 Delta R.T. -0.006 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

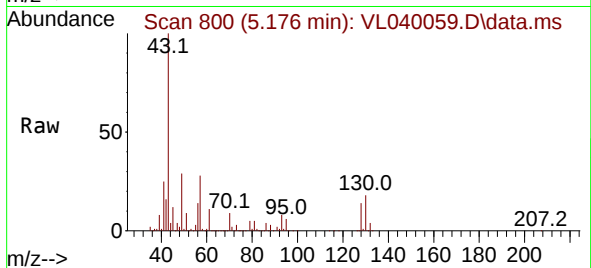
Tgt Ion: 63		Resp: 1063427	
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.2
100	2.4	1.1	3.3





#25
Ethyl Acetate
Concen: 9.521 ppbv
RT: 5.176 min Scan# 803
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

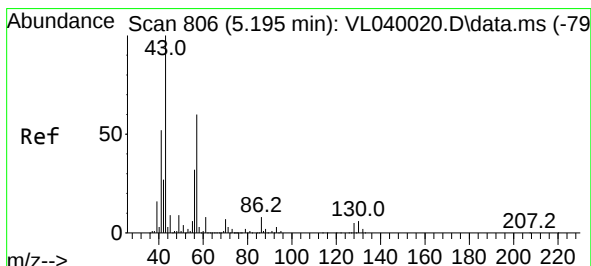
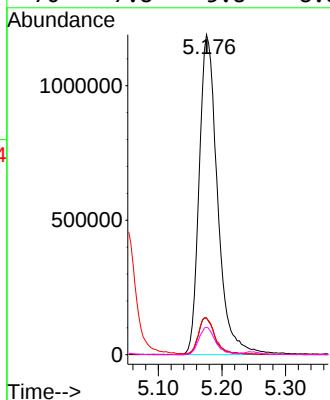
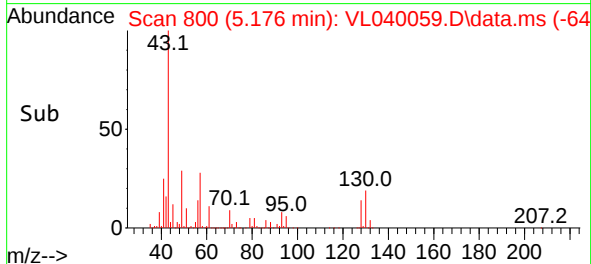
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 2382590
Ion Ratio Lower Upper
43 100
45 10.7 8.6 12.8
61 10.8 8.5 12.7
70 7.8 5.8 8.8

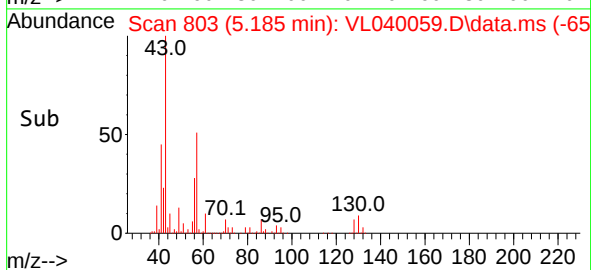
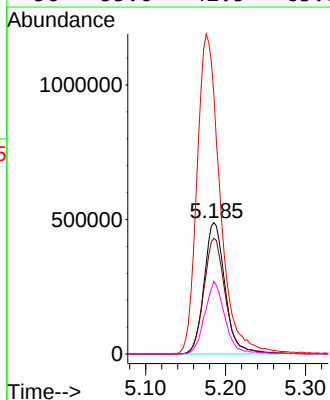
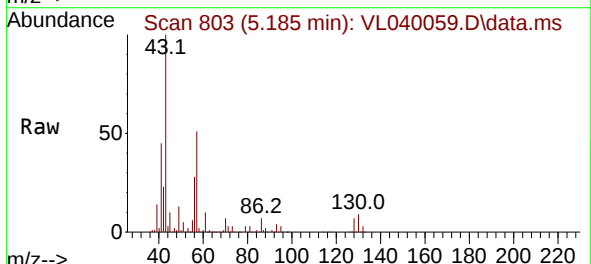
Manual Integrations
APPROVED

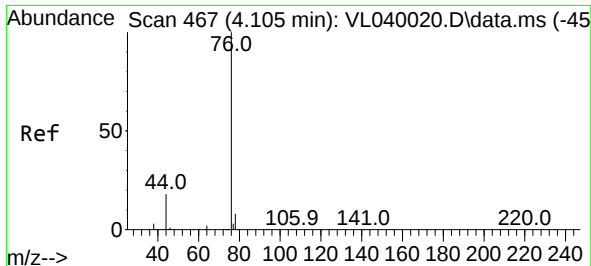
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#26
Hexane
Concen: 8.474 ppbv
RT: 5.185 min Scan# 803
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

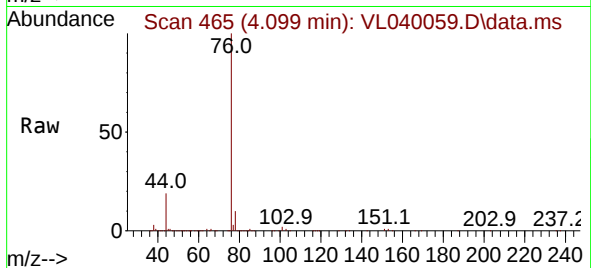
Tgt Ion: 57 Resp: 891187
Ion Ratio Lower Upper
57 100
41 91.4 72.1 108.1
43 268.2 192.1 288.1
56 53.6 42.5 63.7





#27
Carbon Disulfide
Concen: 8.927 ppbv
RT: 4.099 min Scan# 409
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

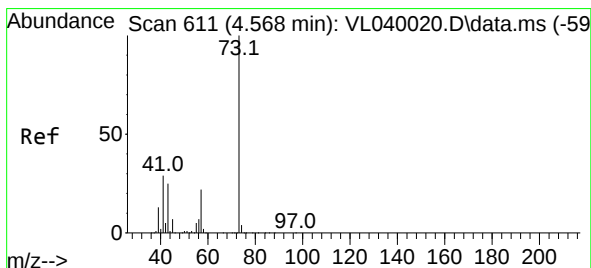
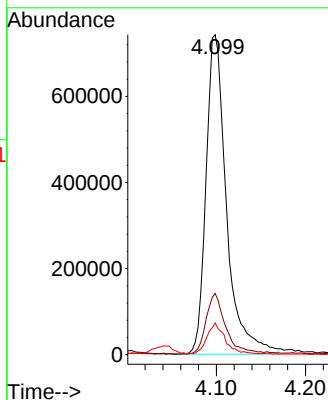
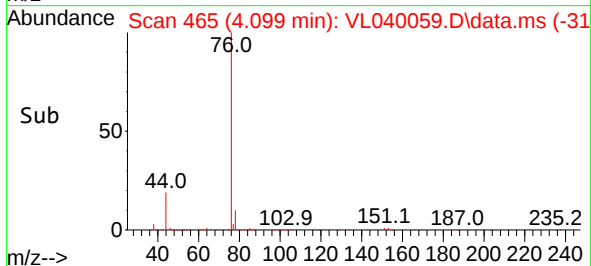
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1184260
Ion Ratio Lower Upper
76 100
44 18.5 15.3 22.9
78 9.4 7.8 11.6

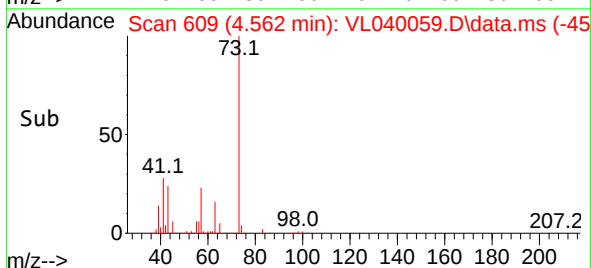
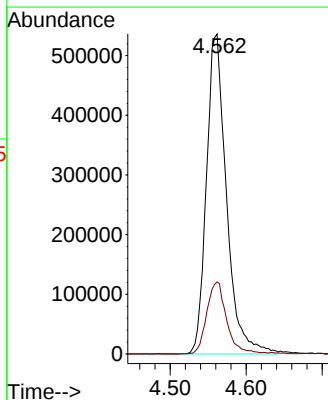
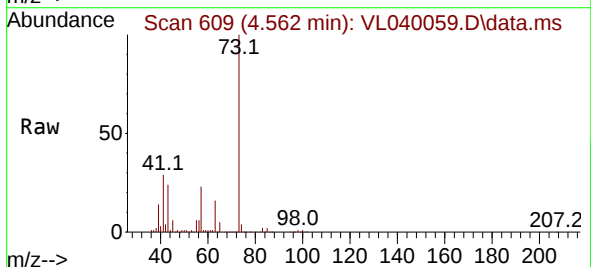
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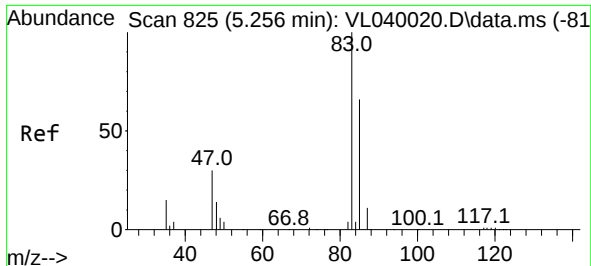
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#28
Methyl tert-Butyl Ether
Concen: 7.918 ppbv
RT: 4.562 min Scan# 609
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 73 Resp: 981510
Ion Ratio Lower Upper
73 100
57 22.7 18.6 28.0





#29

Chloroform

Concen: 9.473 ppbv

RT: 5.246 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 1520369

Ion Ratio Lower Upper

83 100

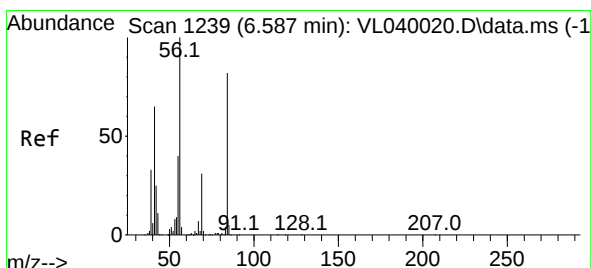
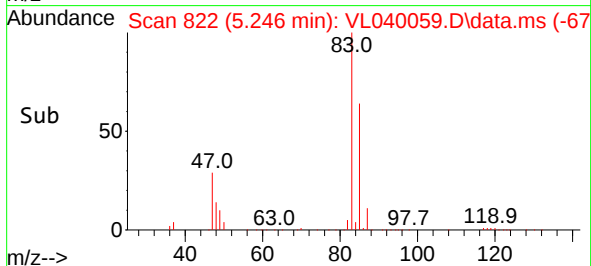
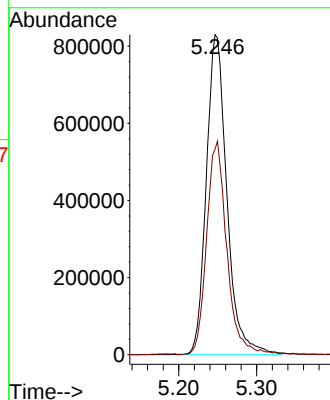
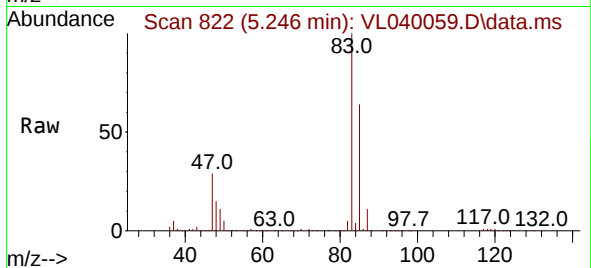
85 64.1 52.4 78.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#30

Cyclohexane

Concen: 8.266 ppbv

RT: 6.574 min Scan# 1235

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

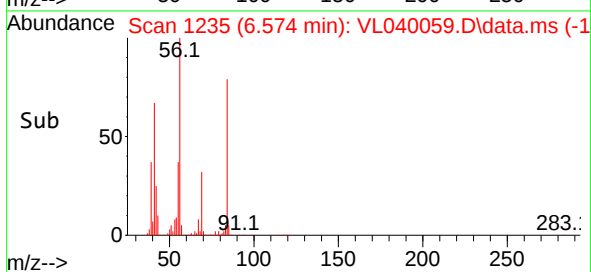
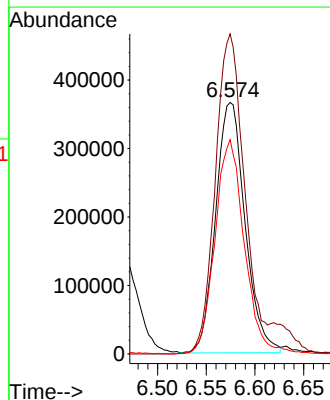
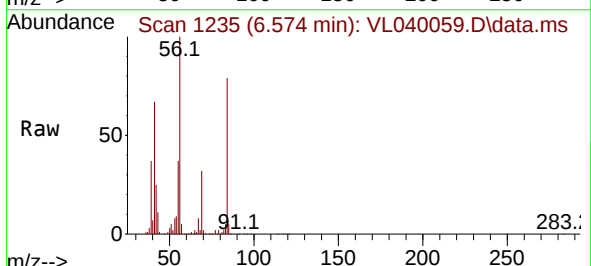
Tgt Ion: 84 Resp: 769900

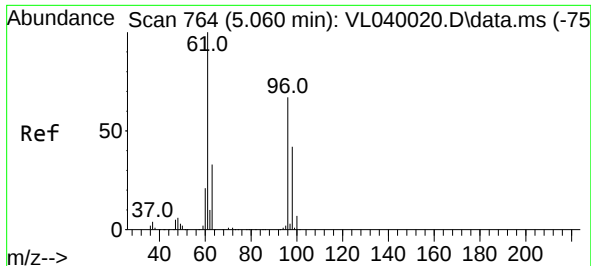
Ion Ratio Lower Upper

84 100

56 136.1 110.2 165.4

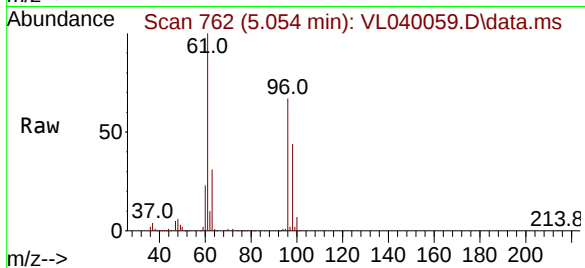
41 85.4 67.8 101.8





#31
 cis-1,2-Dichloroethene
 Concen: 8.027 ppbv
 RT: 5.054 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

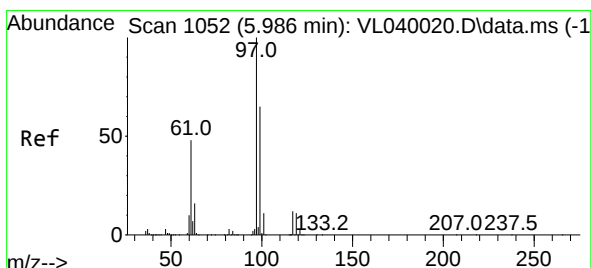
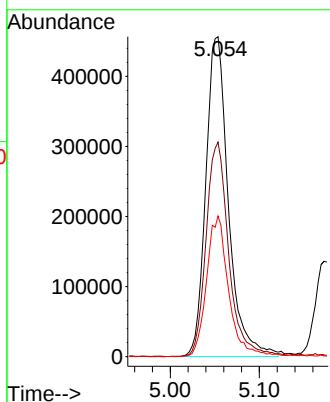
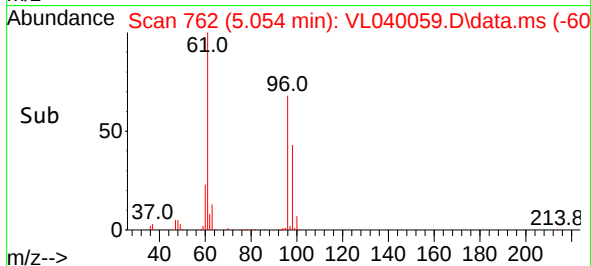
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 80396
 Ion Ratio Lower Upper
 61 100
 96 66.9 53.4 80.2
 98 43.9 33.4 50.0

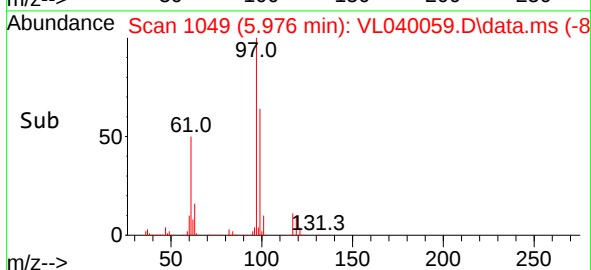
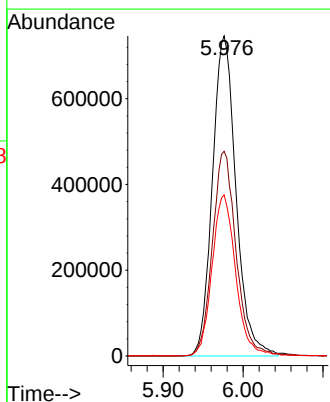
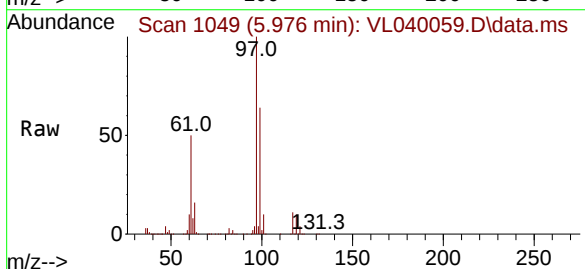
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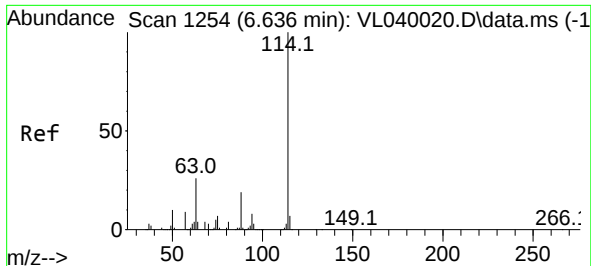
Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#32
 1,1,1-Trichloroethane
 Concen: 8.894 ppbv
 RT: 5.976 min Scan# 1049
 Delta R.T. -0.010 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

Tgt Ion: 97 Resp: 1528255
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.8 77.6
 61 50.8 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 252696

Ion Ratio Lower Upper

114 100

63 25.7 20.2 30.2

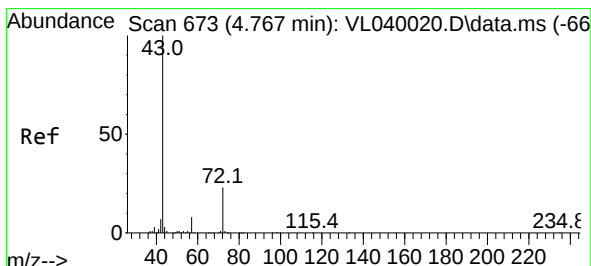
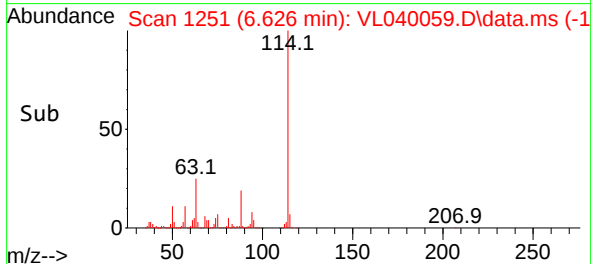
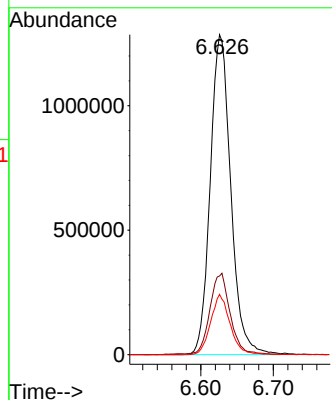
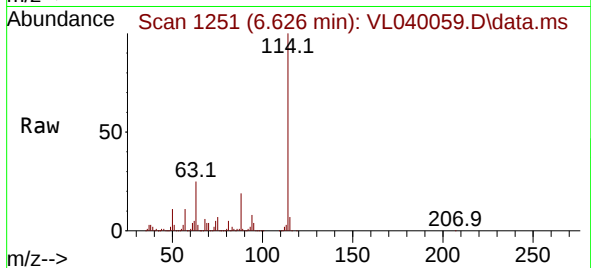
88 17.9 14.6 21.8

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Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#34

2-Butanone

Concen: 8.597 ppbv

RT: 4.758 min Scan# 670

Delta R.T. -0.010 min

Lab File: VL040059.D

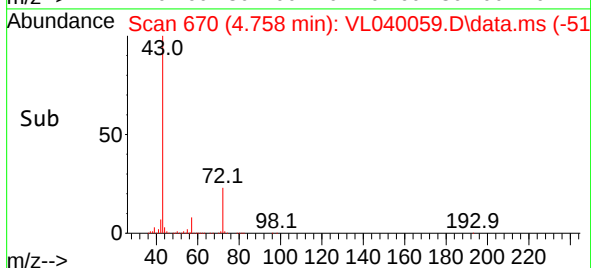
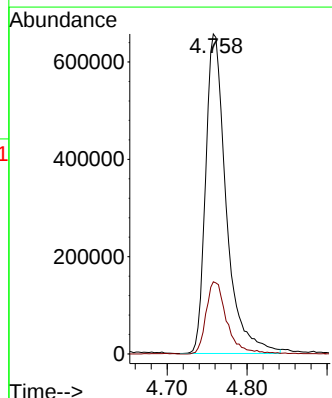
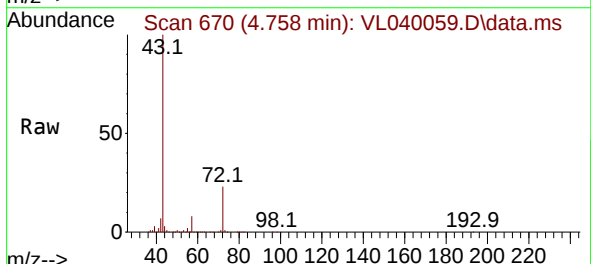
Acq: 20 Dec 2022 16:48

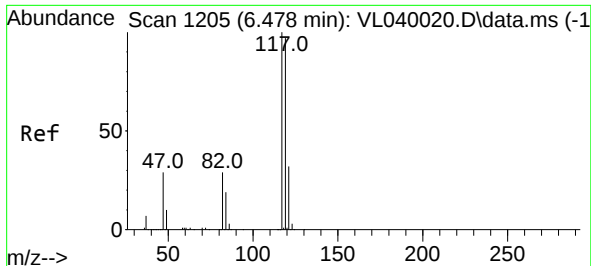
Tgt Ion: 43 Resp: 1178509

Ion Ratio Lower Upper

43 100

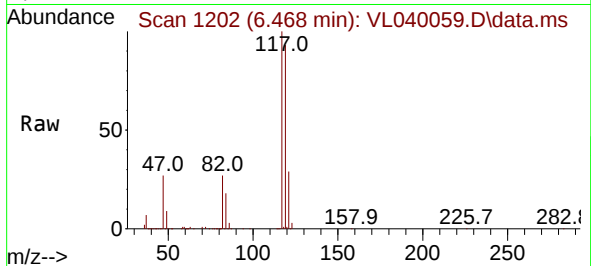
72 23.0 18.0 27.0





#35
Carbon Tetrachloride
Concen: 10.020 ppbv
RT: 6.468 min Scan# 1170
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

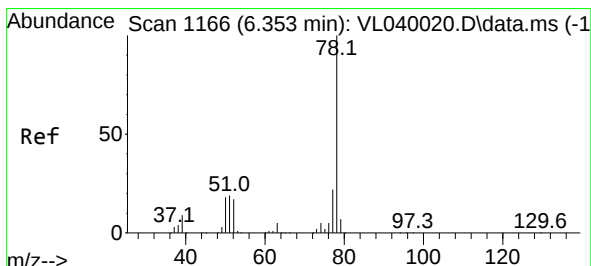
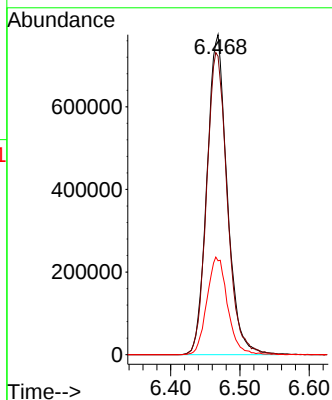
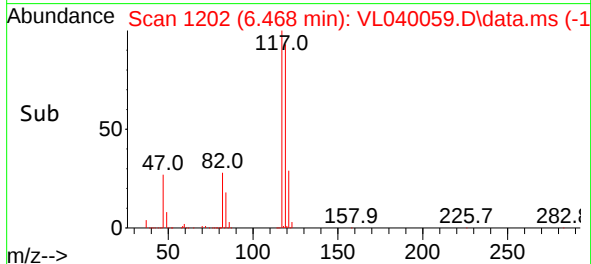
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1572708
Ion Ratio Lower Upper
117 100
119 93.3 77.3 115.9
121 29.3 25.4 38.0

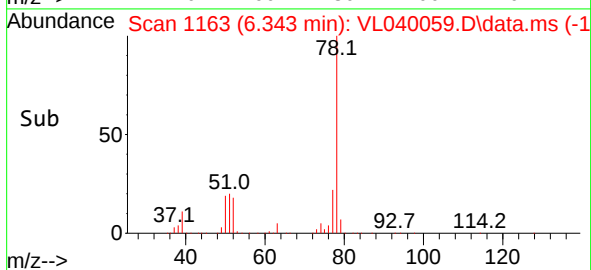
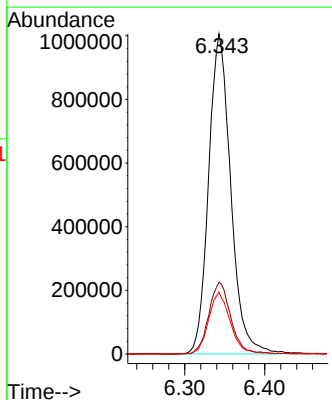
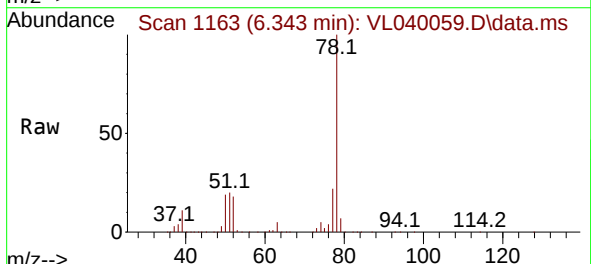
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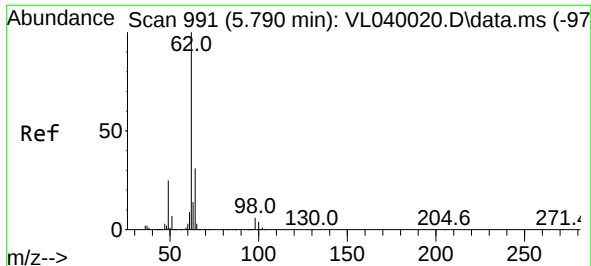
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#36
Benzene
Concen: 8.550 ppbv
RT: 6.343 min Scan# 1163
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 78 Resp: 1929623
Ion Ratio Lower Upper
78 100
77 22.4 17.5 26.3
50 19.3 14.2 21.2





#37

1,2-Dichloroethane

Concen: 8.805 ppbv

RT: 5.780 min Scan# 991

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 1165718

Ion Ratio Lower Upper

62 100

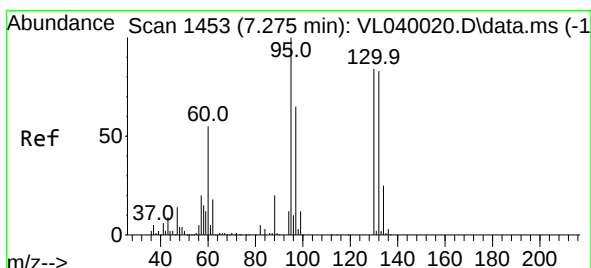
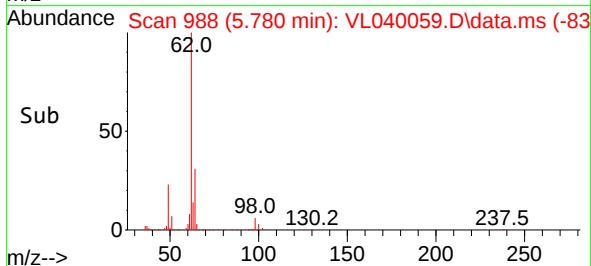
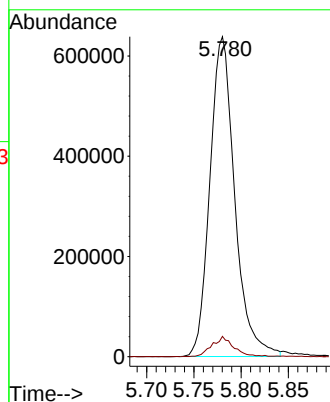
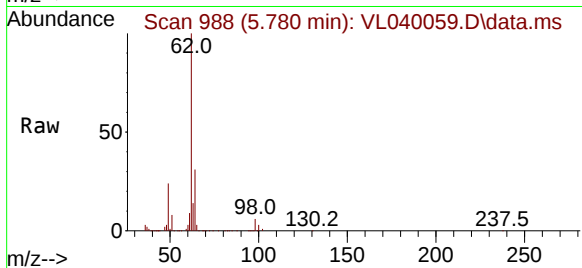
98 5.7 5.1 7.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#38

Trichloroethene

Concen: 7.750 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Tgt Ion:130 Resp: 898769

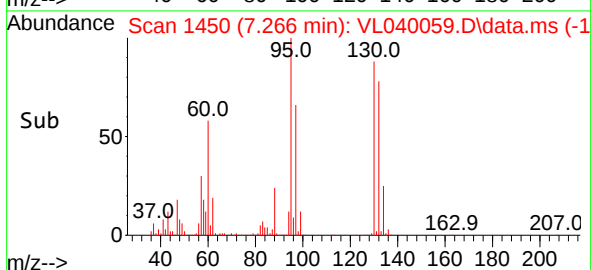
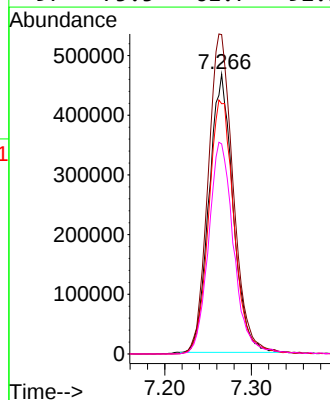
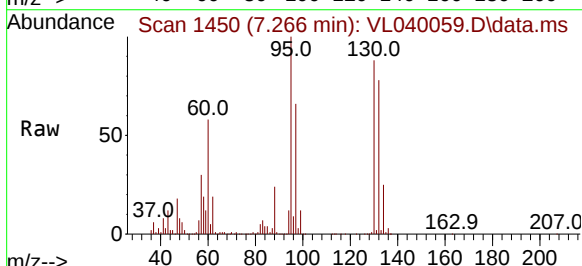
Ion Ratio Lower Upper

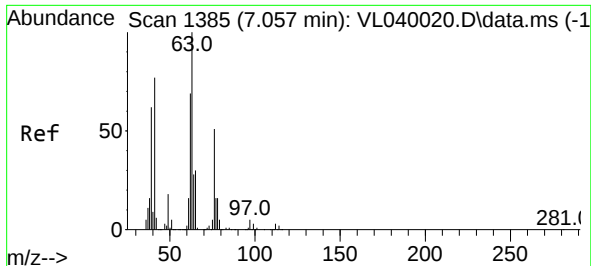
130 100

95 114.6 94.8 142.2

132 89.9 78.2 117.4

97 75.5 61.7 92.5





#39

1,2-Dichloropropane

Concen: 8.721 ppbv

RT: 7.044 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 737748

Ion Ratio Lower Upper

63 100

41 76.0 61.4 92.0

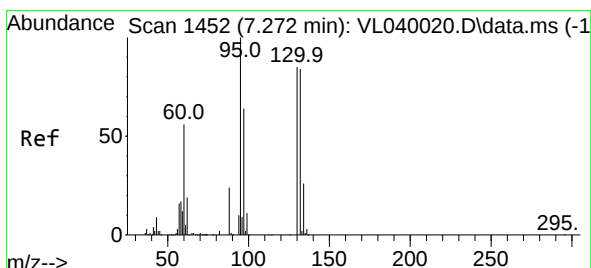
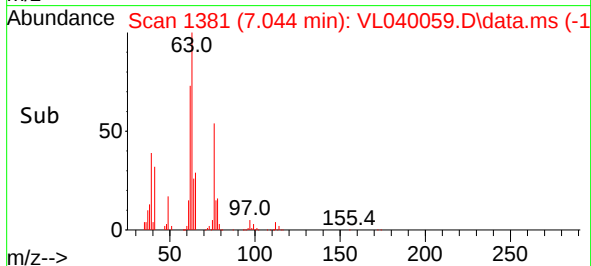
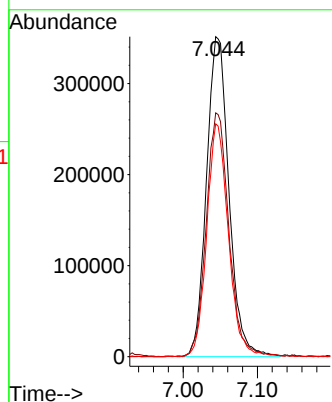
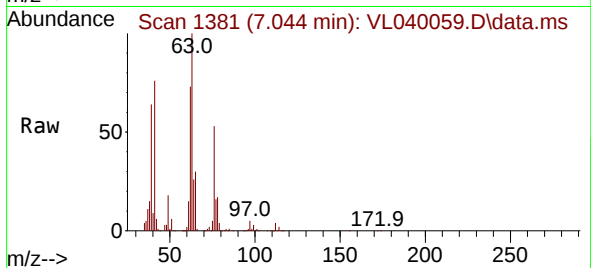
62 72.7 55.4 83.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#40

1,4-Dioxane

Concen: 7.971 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Tgt Ion: 88 Resp: 303904

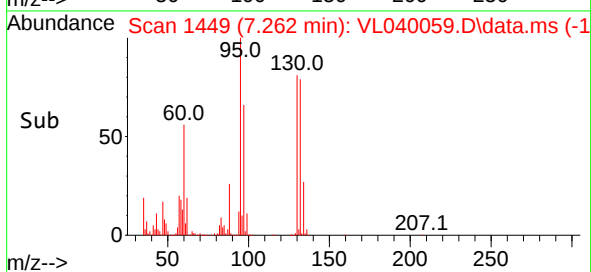
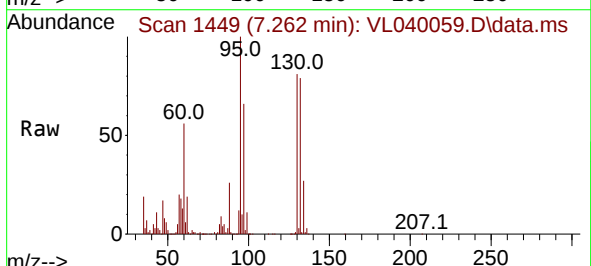
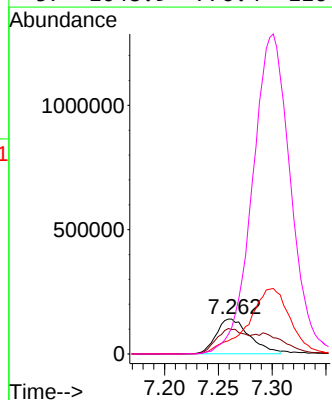
Ion Ratio Lower Upper

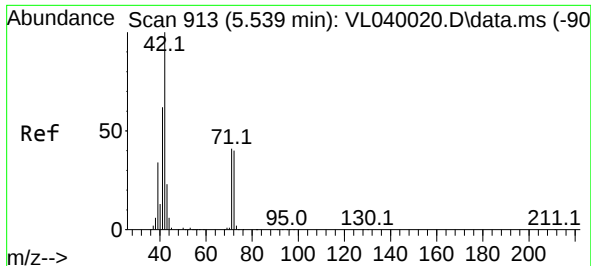
88 100

58 121.1 92.7 139.1

43 241.3 174.6 261.8

57 1048.9 776.4 1164.6





#41

Tetrahydrofuran

Concen: 8.538 ppbv

RT: 5.533 min Scan# 913

Delta R.T. -0.006 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 730569

Ion Ratio Lower Upper

42 100

72 41.1 32.9 49.3

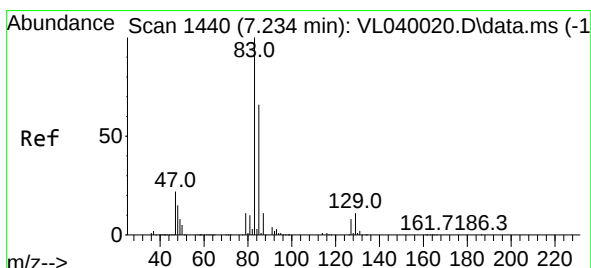
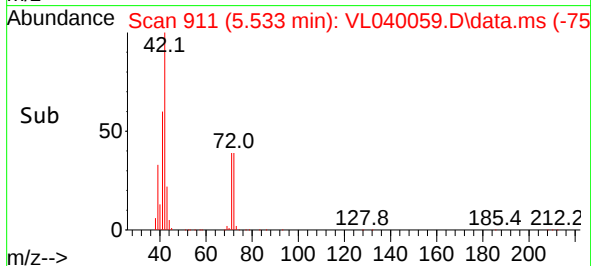
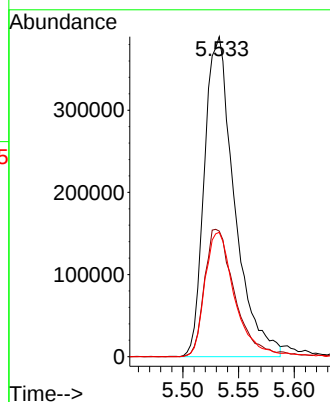
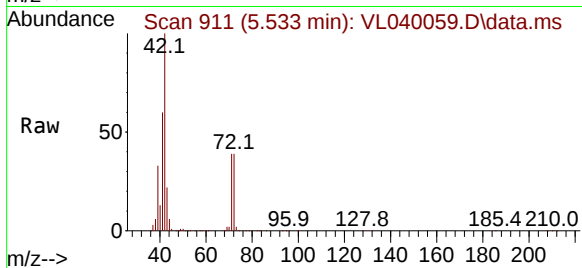
71 39.3 32.2 48.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#42

Bromodichloromethane

Concen: 9.344 ppbv

RT: 7.224 min Scan# 1437

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

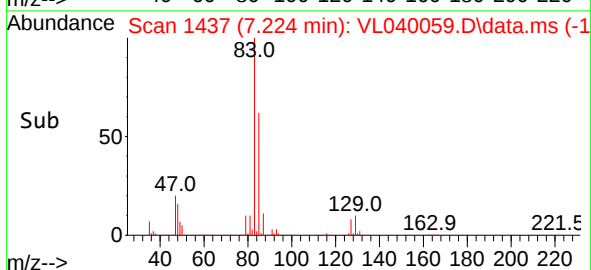
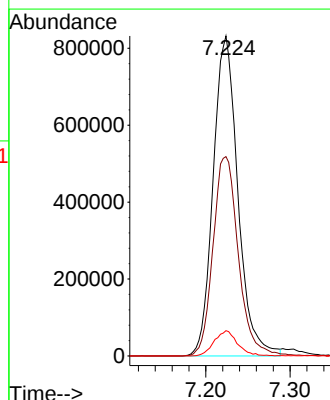
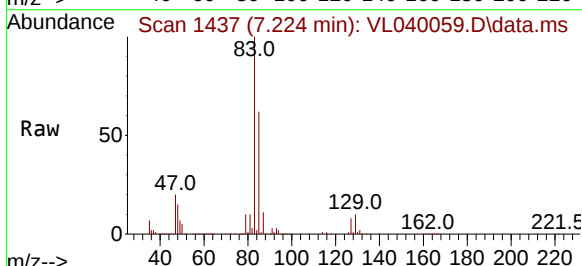
Tgt Ion: 83 Resp: 1694670

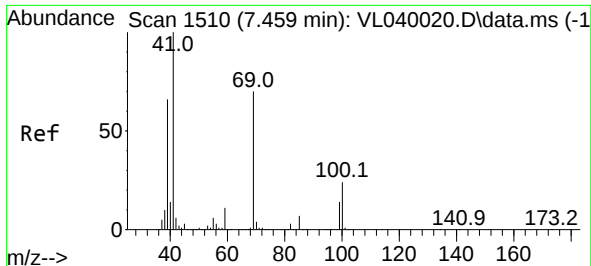
Ion Ratio Lower Upper

83 100

85 62.3 53.0 79.6

127 7.9 6.2 9.2





#43

Methyl Methacrylate

Concen: 9.342 ppbv

RT: 7.446 min Scan# 1506

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

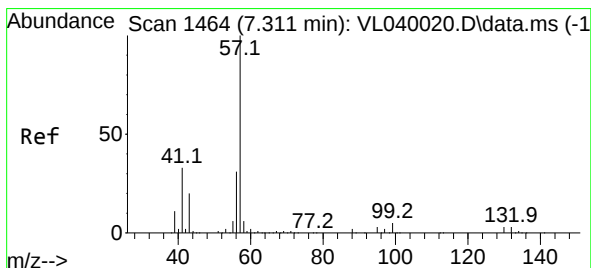
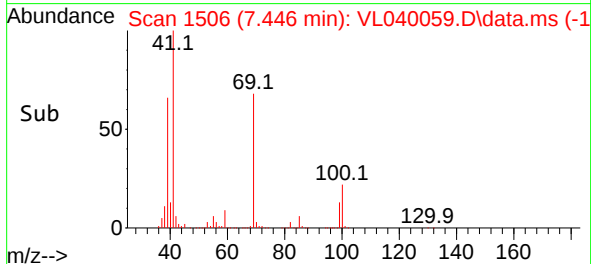
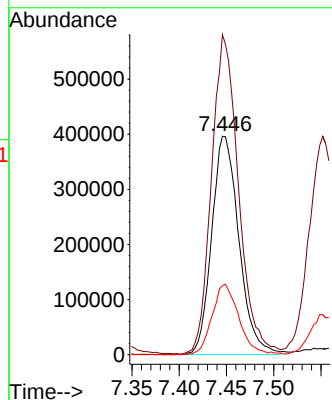
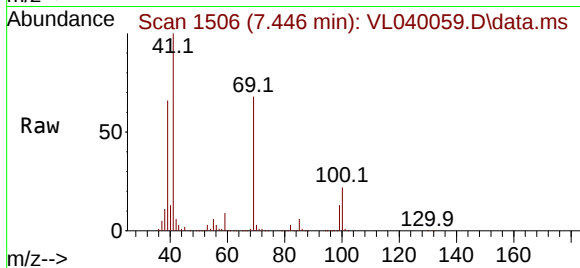
Tgt Ion: 69 Resp: 791278

Ion	Ratio	Lower	Upper
69	100		
41	145.2	115.7	173.5
100	32.0	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#44

2,2,4-Trimethylpentane

Concen: 8.553 ppbv

RT: 7.301 min Scan# 1461

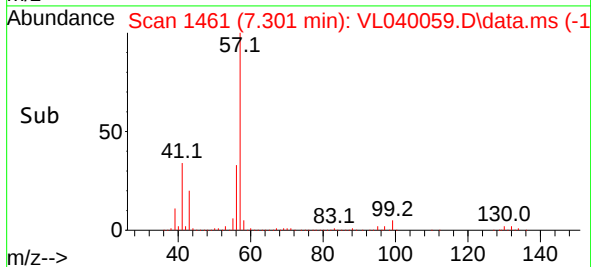
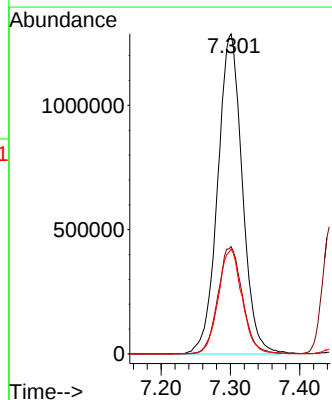
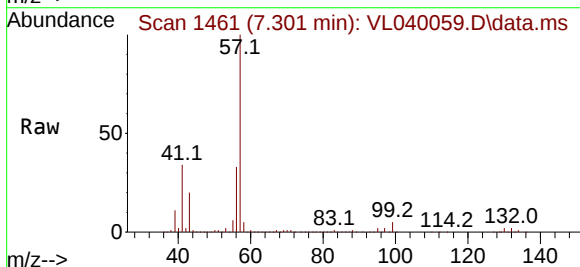
Delta R.T. -0.010 min

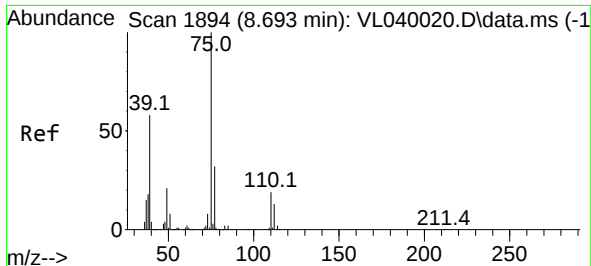
Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Tgt Ion: 57 Resp: 3177606

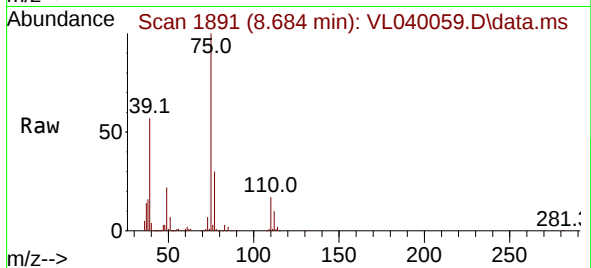
Ion	Ratio	Lower	Upper
57	100		
41	33.6	26.2	39.4
56	31.7	25.1	37.7





#45
t-1,3-Dichloropropene
Concen: 8.832 ppbv
RT: 8.684 min Scan# 1891
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

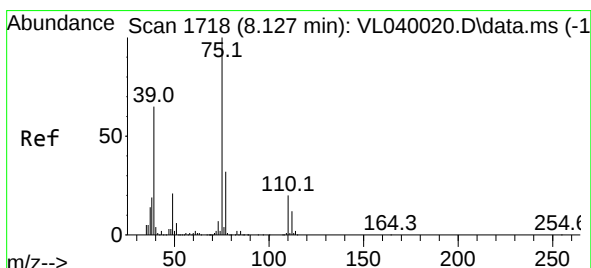
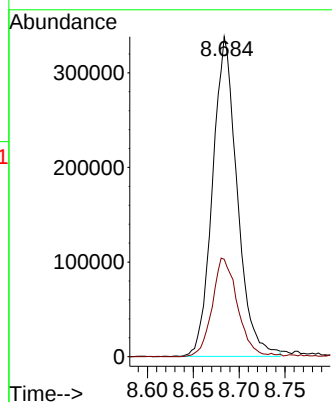
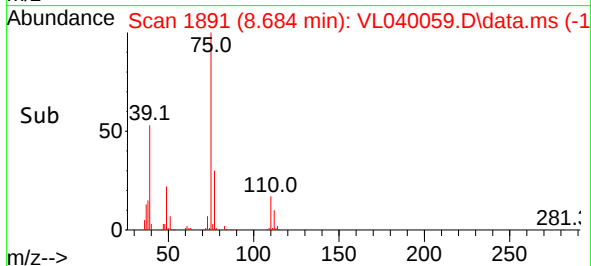
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



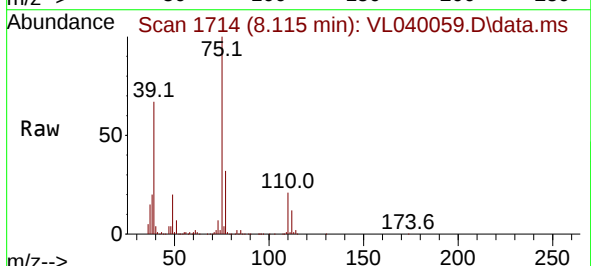
Tgt Ion: 75 Resp: 63227
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2

Manual Integrations
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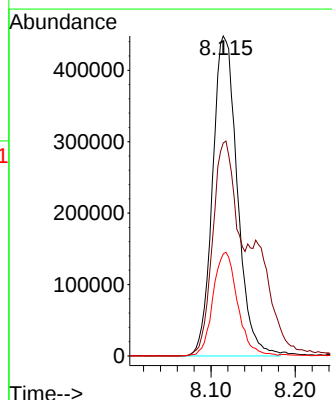
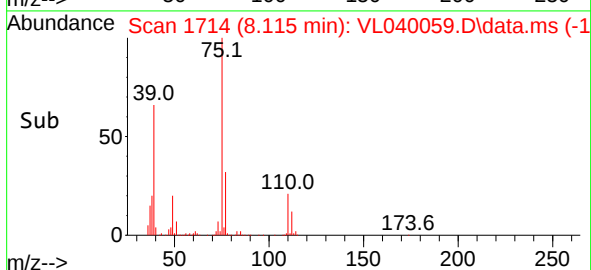
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

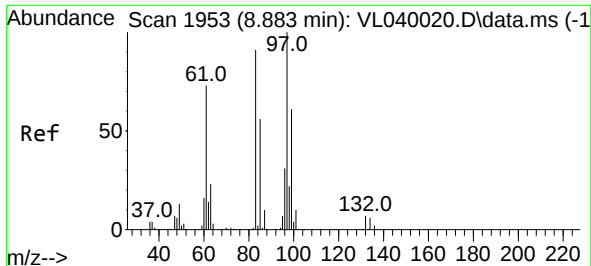


#46
cis-1,3-Dichloropropene
Concen: 9.053 ppbv
RT: 8.115 min Scan# 1714
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48



Tgt Ion: 75 Resp: 914011
Ion Ratio Lower Upper
75 100
39 66.5 51.7 77.5
77 31.9 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 8.636 ppbv

RT: 8.877 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VL040059.D

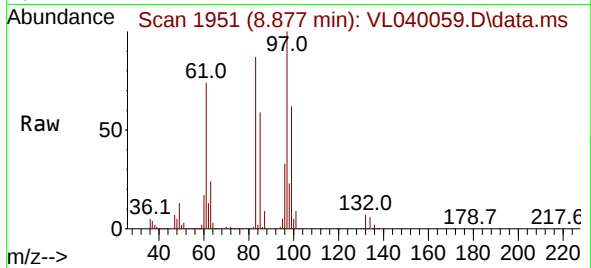
Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 800059

Ion Ratio Lower Upper

97 100

83 87.2 72.5 108.7

85 58.5 45.0 67.6

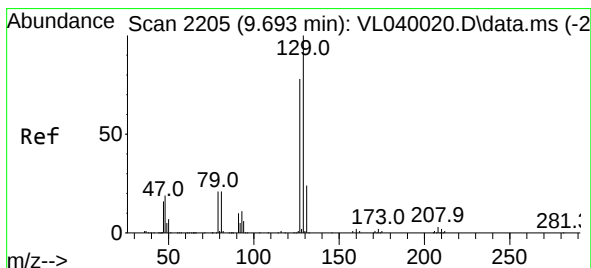
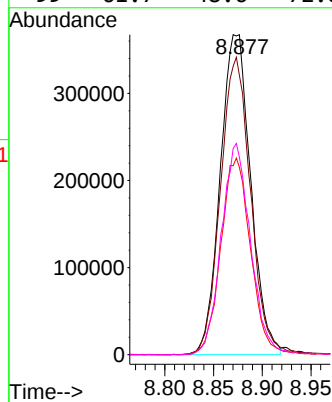
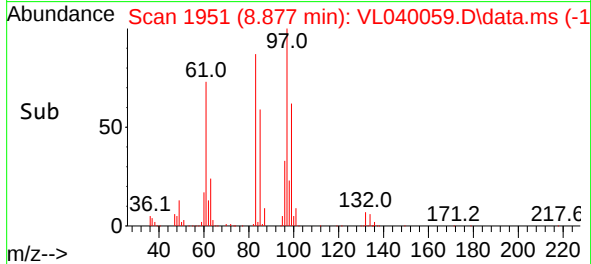
99 61.7 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#48

Dibromochloromethane

Concen: 9.642 ppbv

RT: 9.684 min Scan# 2202

Delta R.T. -0.010 min

Lab File: VL040059.D

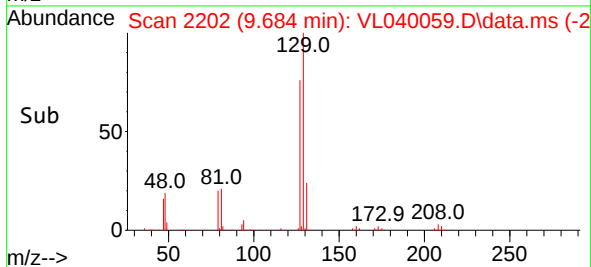
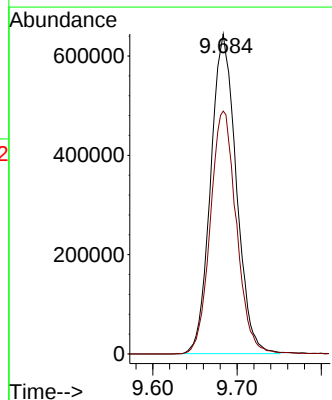
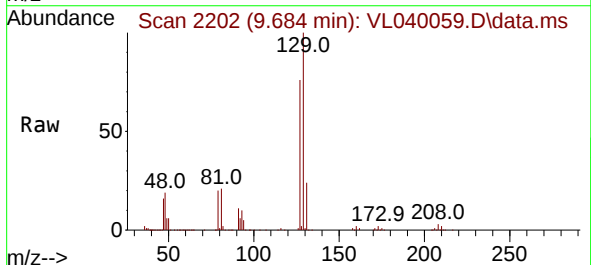
Acq: 20 Dec 2022 16:48

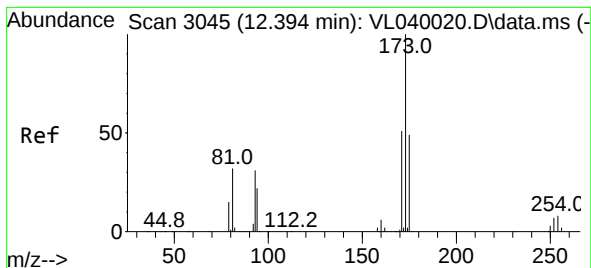
Tgt Ion:129 Resp: 1358435

Ion Ratio Lower Upper

129 100

127 77.6 39.4 118.1





#49

Bromoform

Concen: 9.891 ppbv

RT: 12.378 min Scan# 3045

Delta R.T. -0.016 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1063080

Ion Ratio Lower Upper

173 100

175 49.8 39.0 58.4

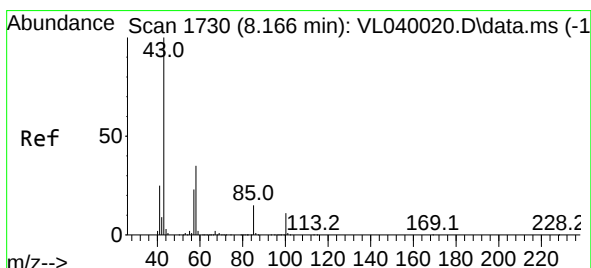
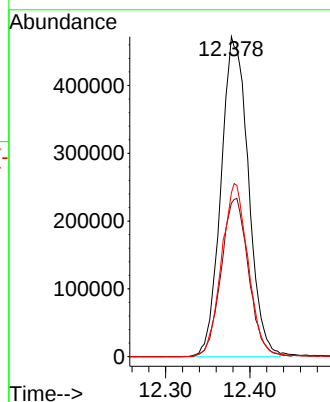
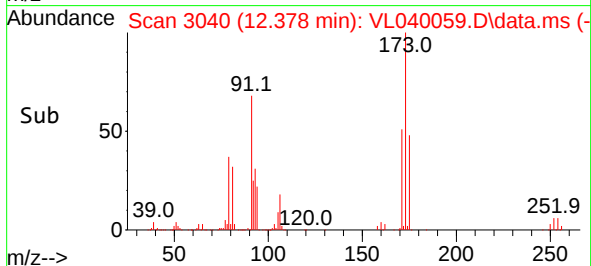
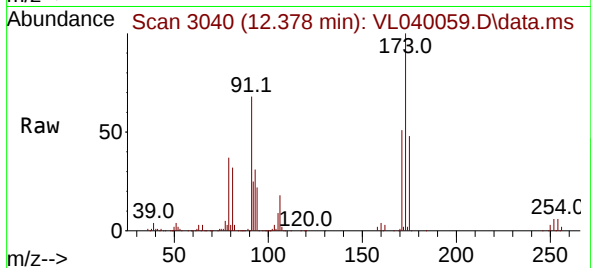
171 53.2 42.0 63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#50

4-Methyl-2-Pentanone

Concen: 8.914 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. -0.010 min

Lab File: VL040059.D

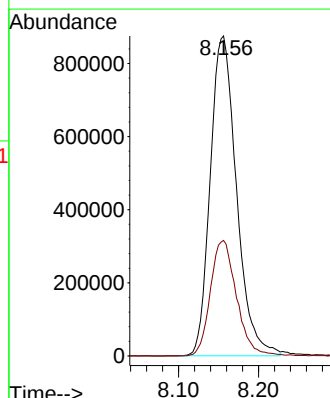
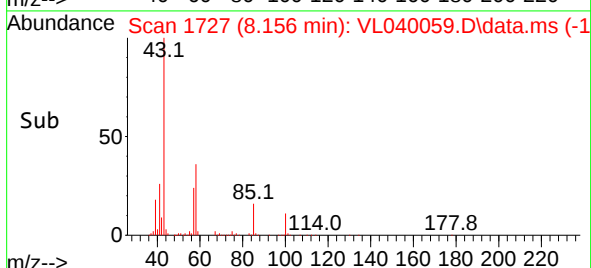
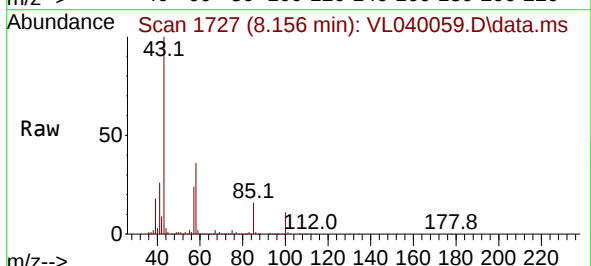
Acq: 20 Dec 2022 16:48

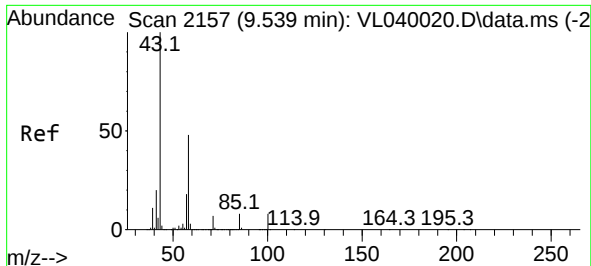
Tgt Ion: 43 Resp: 1996360

Ion Ratio Lower Upper

43 100

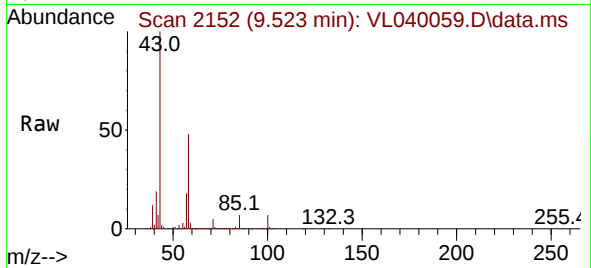
58 36.1 29.0 43.4





#51
2-Hexanone
Concen: 8.783 ppbv
RT: 9.523 min Scan# 2157
Delta R.T. -0.016 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

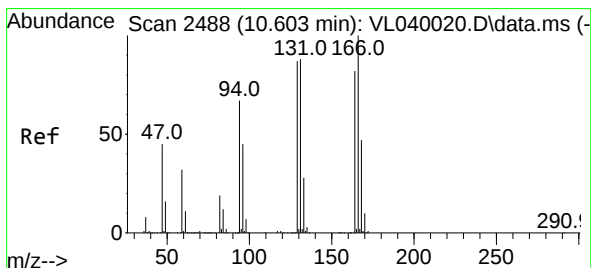
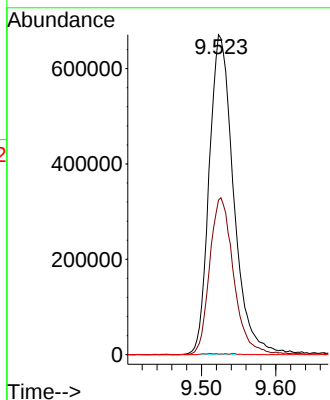
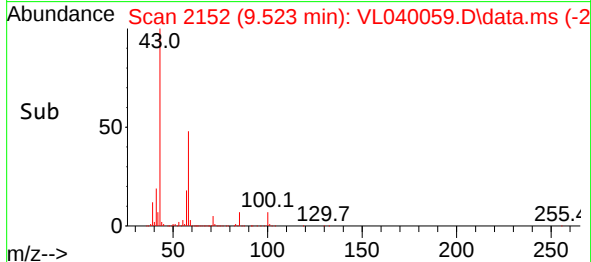
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



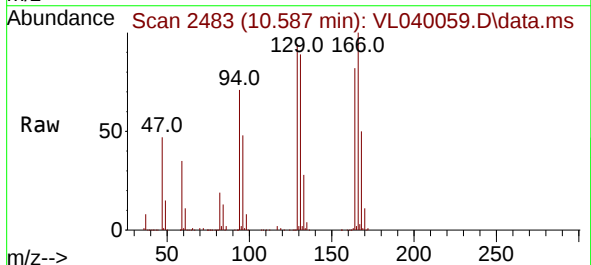
Tgt Ion: 43 Resp: 153002
Ion Ratio Lower Upper
43 100
58 49.0 39.4 59.2
98 0.4 0.2 0.4

Manual Integrations
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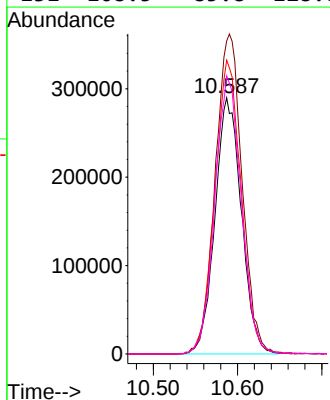
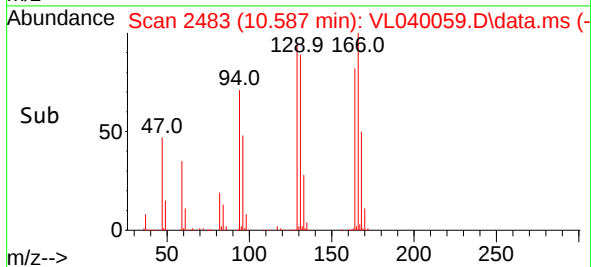
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

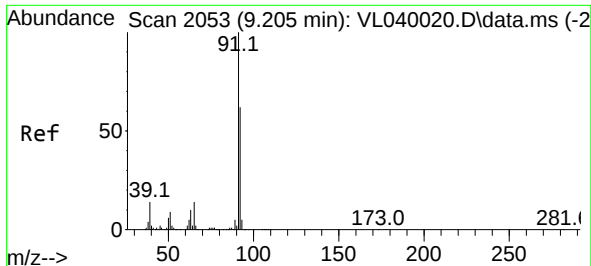


#52
Tetrachloroethene
Concen: 8.205 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. -0.016 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48



Tgt Ion:164 Resp: 629612
Ion Ratio Lower Upper
164 100
166 122.2 97.4 146.0
129 114.5 84.3 126.5
131 108.5 85.8 128.8





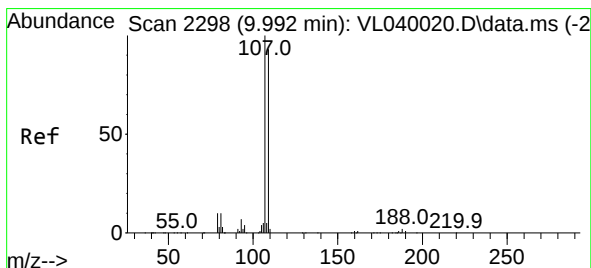
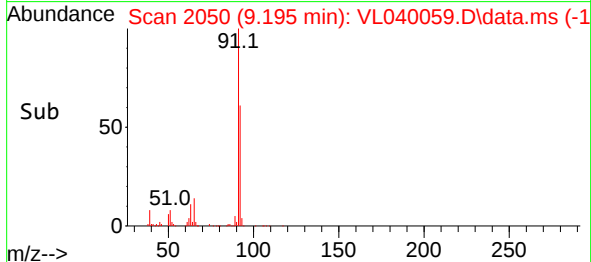
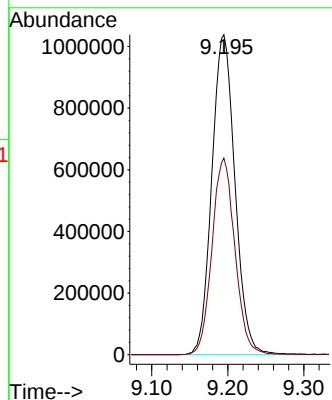
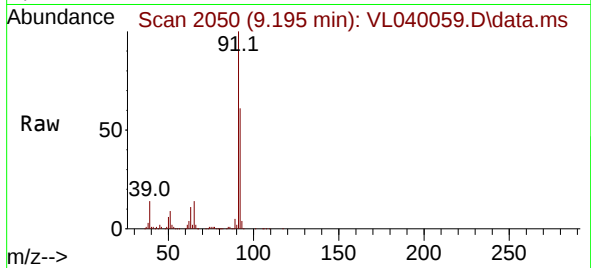
#53
Toluene
Concen: 8.781 ppbv
RT: 9.195 min Scan# 2053
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2194060
Ion Ratio Lower Upper
91 100
92 61.0 48.7 73.1

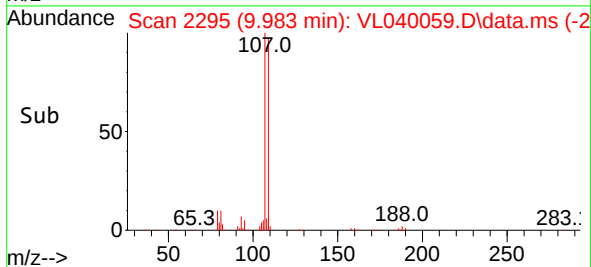
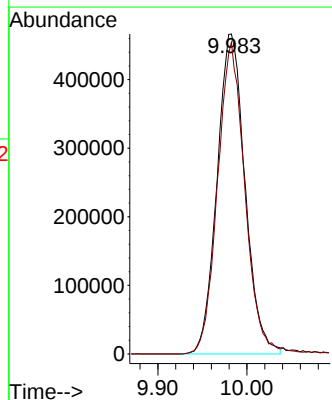
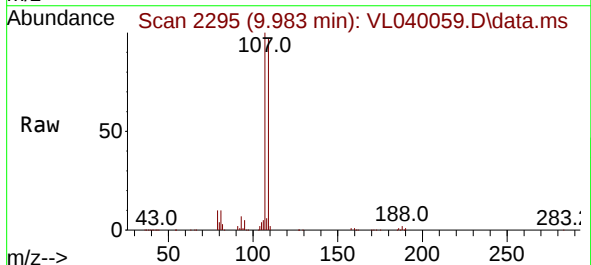
Manual Integrations
APPROVED

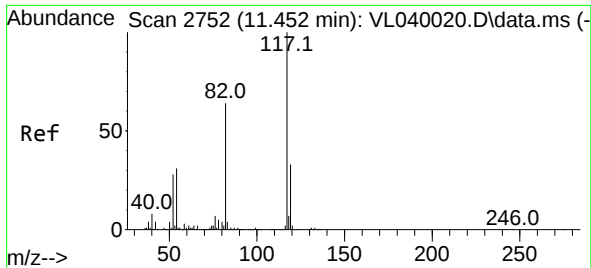
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#54
1,2-Dibromoethane
Concen: 10.215 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

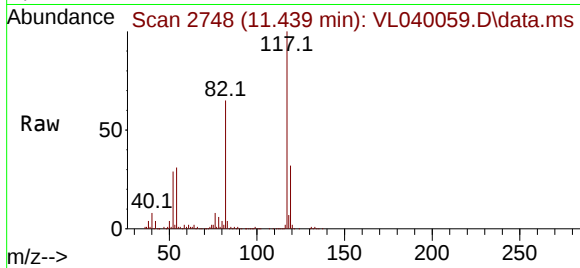
Tgt Ion:107 Resp: 1019026
Ion Ratio Lower Upper
107 100
109 97.4 74.1 111.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2752
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

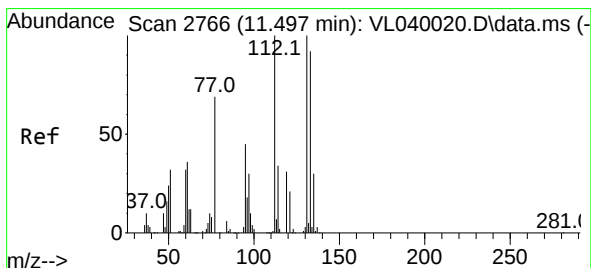
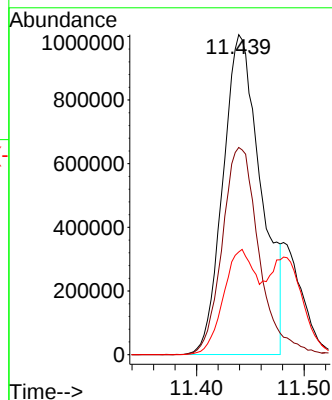
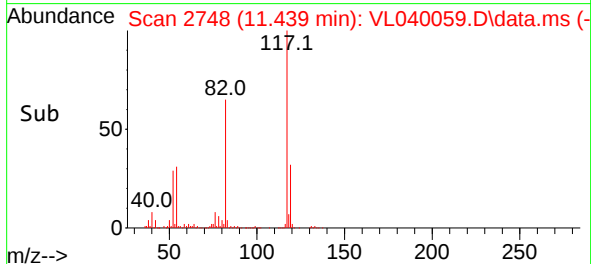
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



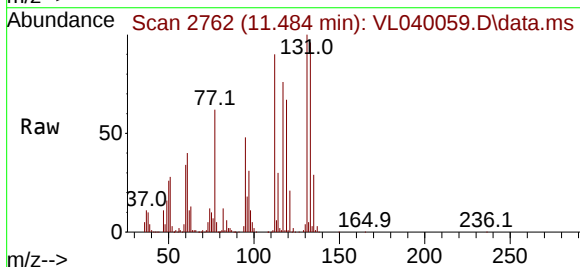
Tgt Ion:117 Resp: 2471059
Ion Ratio Lower Upper
117 100
82 63.3 51.2 76.8
119 27.6 23.2 34.8

Manual Integrations
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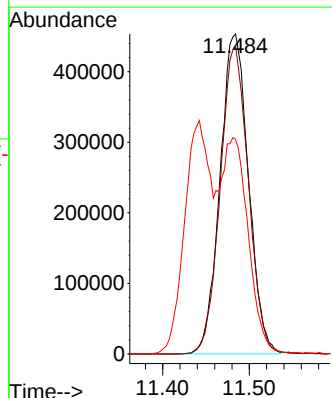
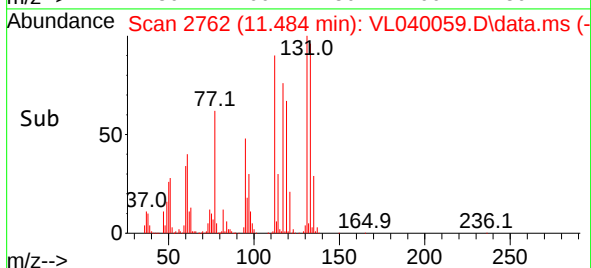
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

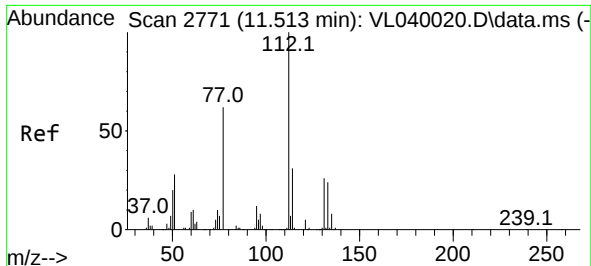


#56
1,1,1,2-Tetrachloroethane
Concen: 9.084 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48



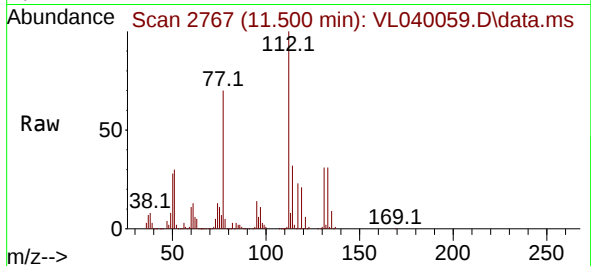
Tgt Ion:131 Resp: 1035412
Ion Ratio Lower Upper
131 100
133 95.4 75.8 113.8
119 69.1 52.3 78.5





#57
Chlorobenzene
Concen: 7.874 ppbv
RT: 11.500 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

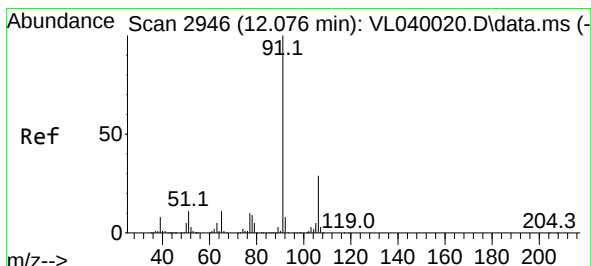
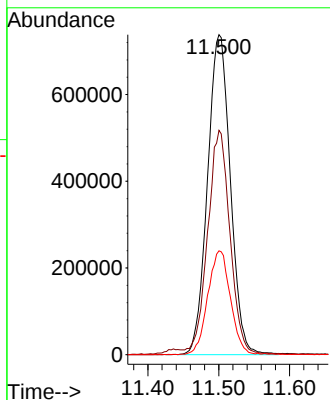
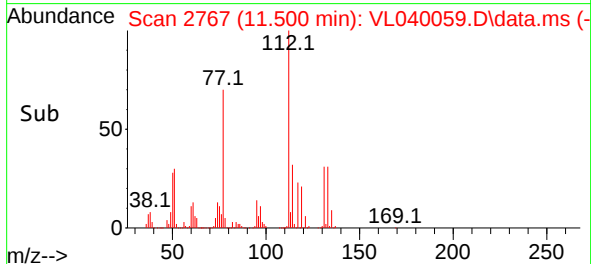
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 165163
Ion Ratio Lower Upper
112 100
77 69.7 50.6 75.8
114 32.4 27.8 34.0

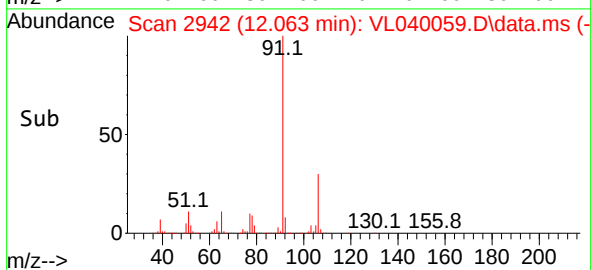
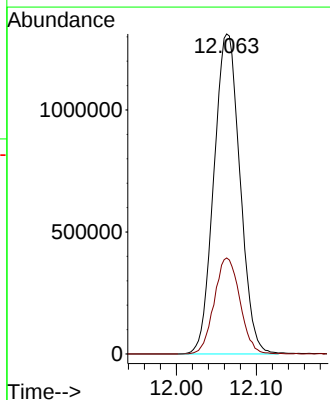
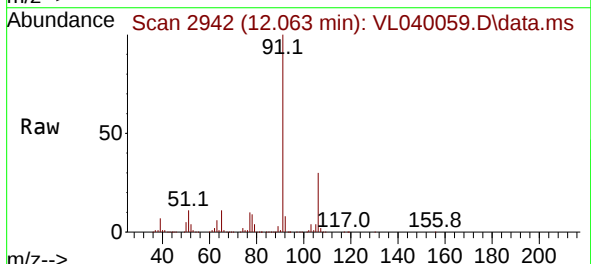
Manual Integrations
APPROVED

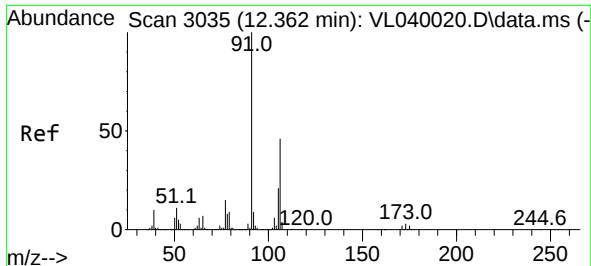
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#58
Ethyl Benzene
Concen: 8.463 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 91 Resp: 2971320
Ion Ratio Lower Upper
91 100
106 30.0 23.5 35.3





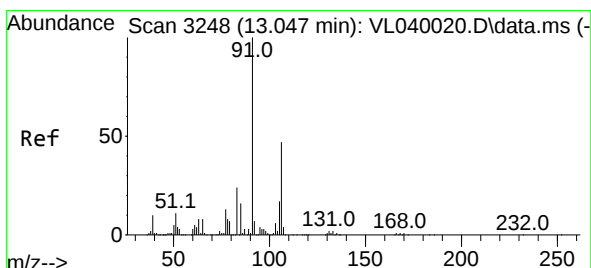
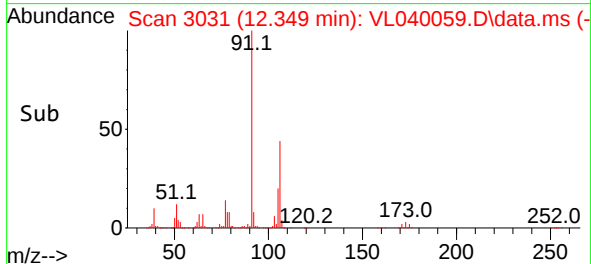
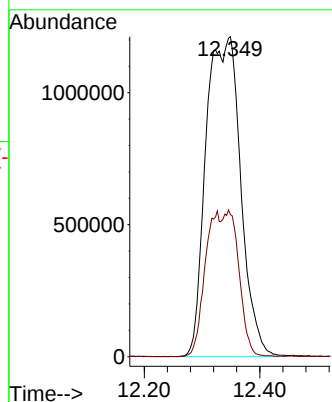
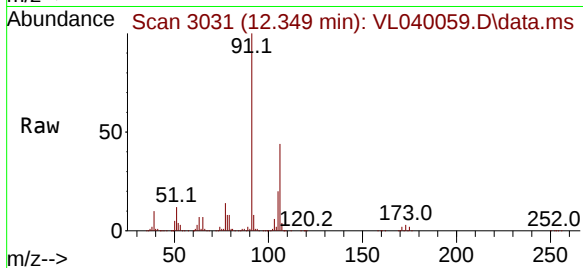
#59
m/p-Xylene
Concen: 16.501 ppbv m
RT: 12.349 min Scan# 3035
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 5046839
Ion Ratio Lower Upper
91 100
106 43.2 35.5 53.3

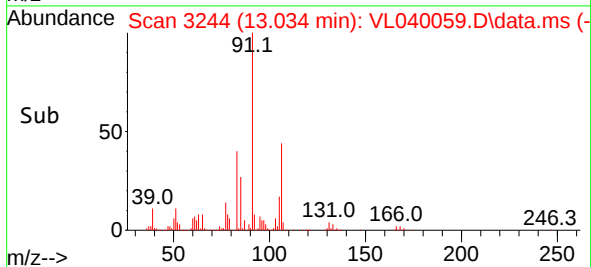
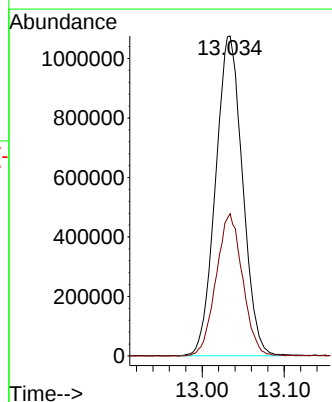
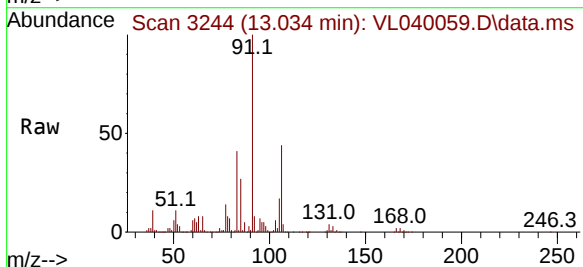
Manual Integrations
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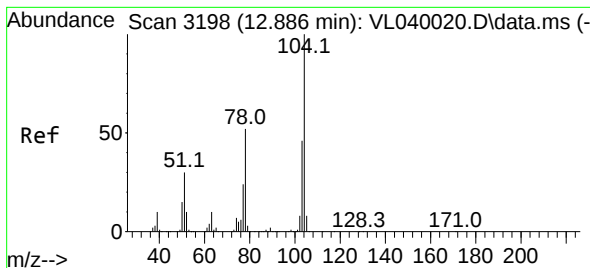
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#60
o-Xylene
Concen: 8.384 ppbv
RT: 13.034 min Scan# 3244
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 91 Resp: 2456637
Ion Ratio Lower Upper
91 100
106 43.7 22.4 67.0





#61

Styrene

Concen: 8.625 ppbv

RT: 12.873 min Scan# 3198

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1355540

Ion Ratio Lower Upper

104 100

78 53.6 42.4 63.6

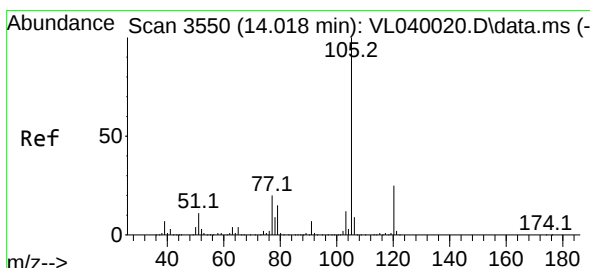
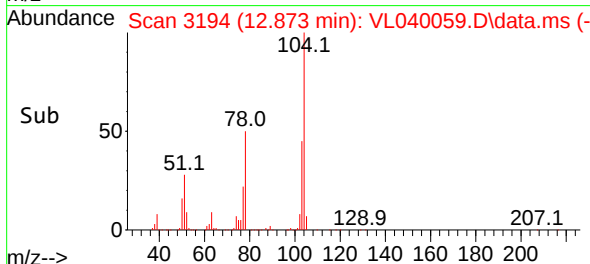
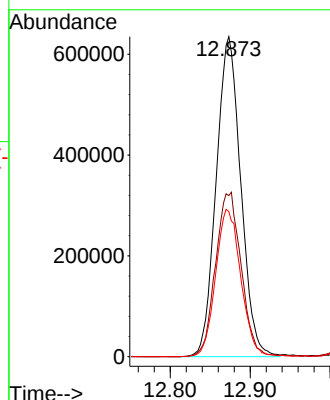
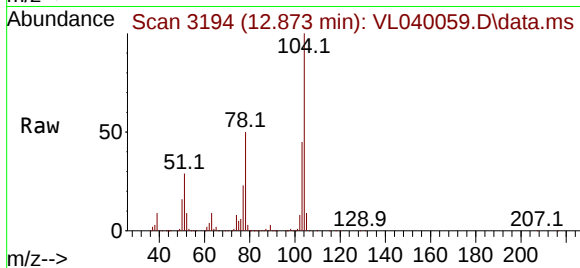
103 47.2 37.2 55.8

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Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#62

Isopropylbenzene

Concen: 8.606 ppbv

RT: 14.005 min Scan# 3546

Delta R.T. -0.013 min

Lab File: VL040059.D

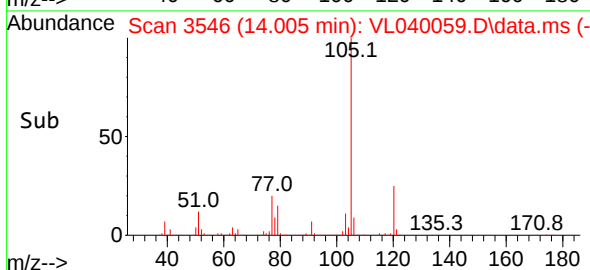
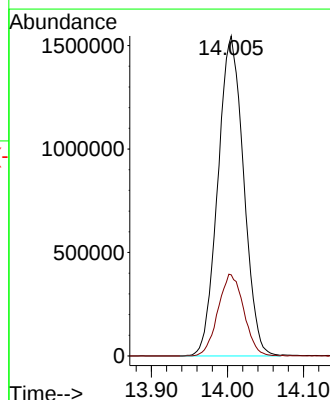
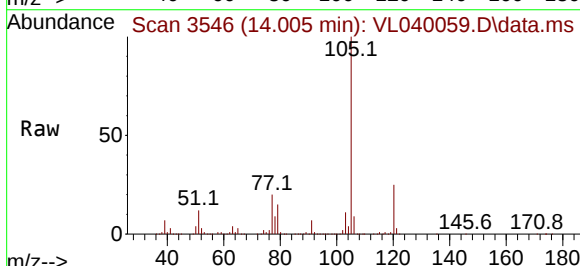
Acq: 20 Dec 2022 16:48

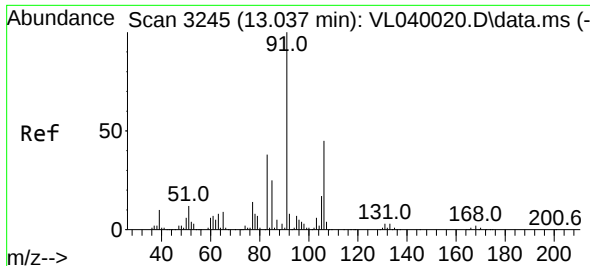
Tgt Ion:105 Resp: 3635903

Ion Ratio Lower Upper

105 100

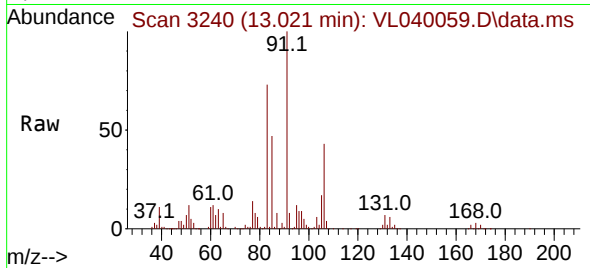
120 25.6 20.6 31.0





#63
1,1,2,2-Tetrachloroethane
Concen: 12.597 ppbv
RT: 13.021 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

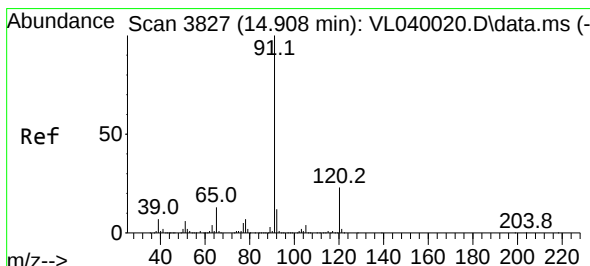
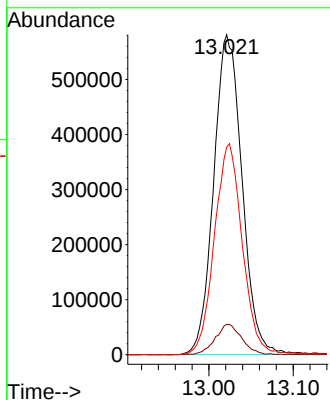
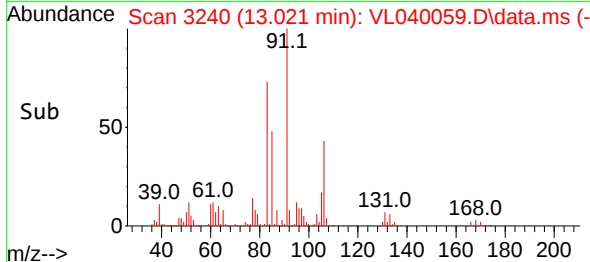
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



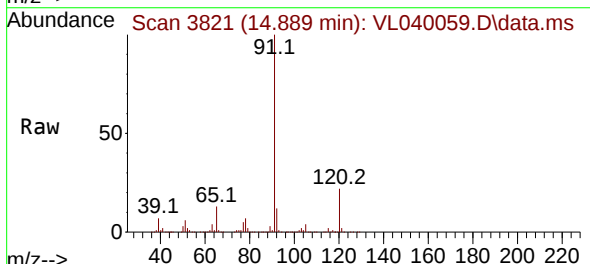
Tgt Ion: 83 Resp: 1353304
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.5
85 65.4 33.3 99.9

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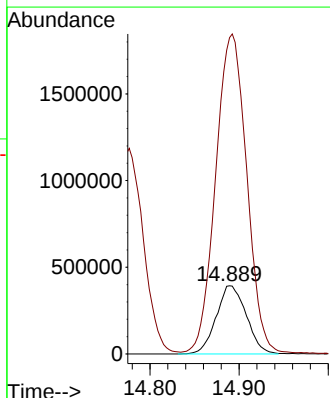
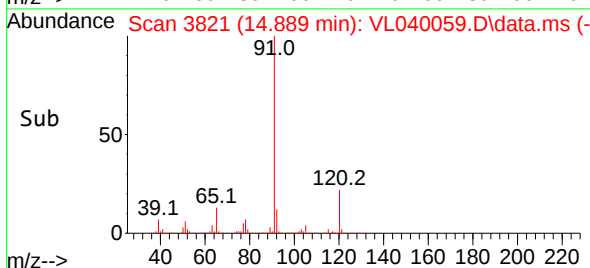
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

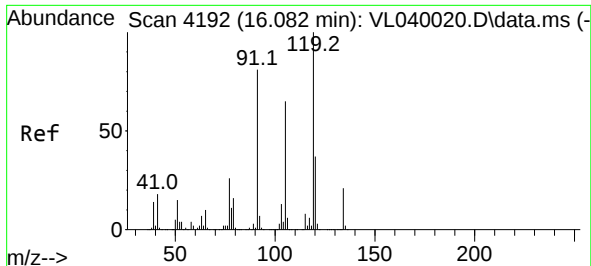


#64
n-propylbenzene
Concen: 8.643 ppbv
RT: 14.889 min Scan# 3821
Delta R.T. -0.019 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48



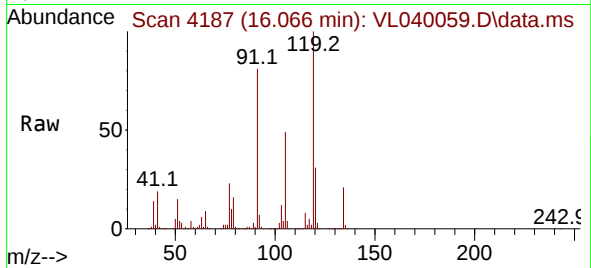
Tgt Ion:120 Resp: 922315
Ion Ratio Lower Upper
120 100
91 487.8 384.3 576.5





#65
tert-Butylbenzene
Concen: 8.681 ppbv
RT: 16.066 min Scan# 4192
Delta R.T. -0.016 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

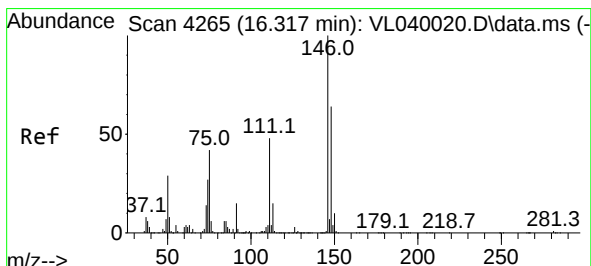
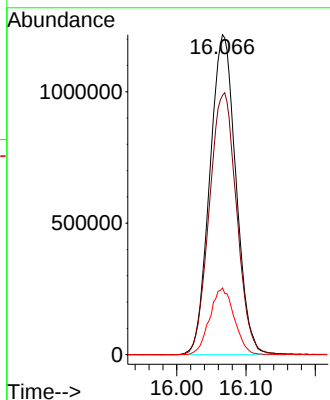
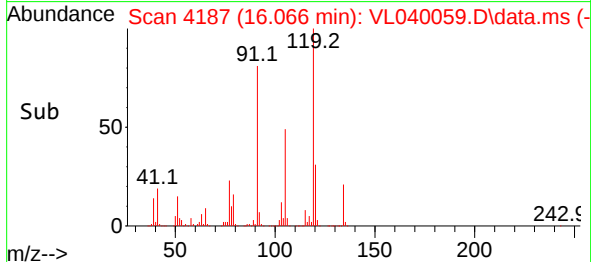
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



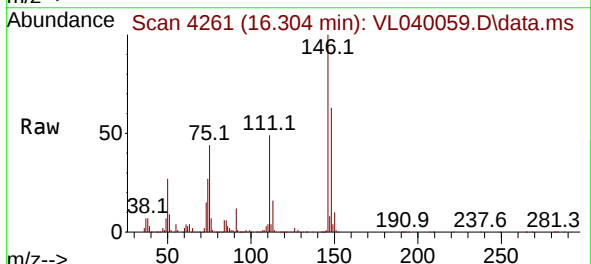
Tgt Ion: 119 Resp: 318691
Ion Ratio Lower Upper
119 100
91 85.4 66.9 100.3
134 19.6 15.8 23.6

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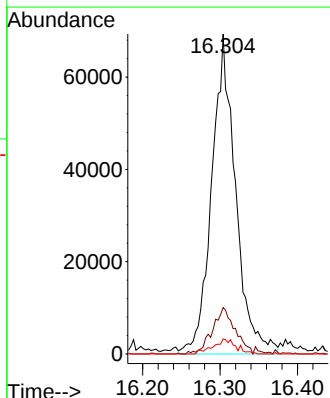
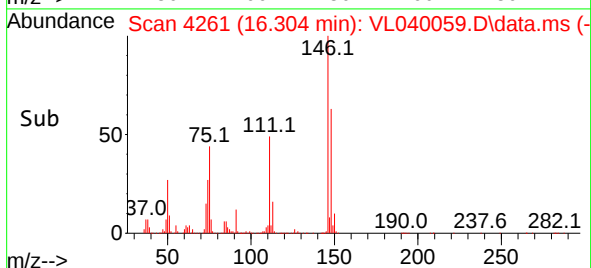
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

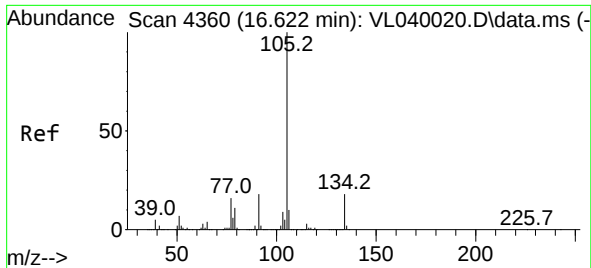


#66
Benzyl Chloride
Concen: 6.944 ppbv m
RT: 16.304 min Scan# 4261
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48



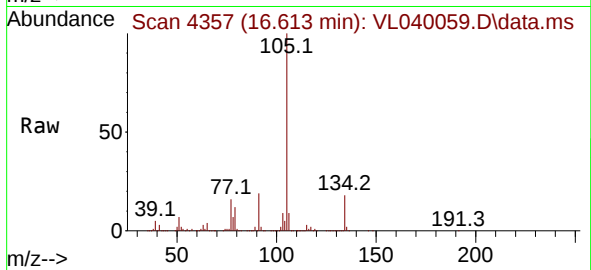
Tgt Ion: 91 Resp: 148654
Ion Ratio Lower Upper
91 100
126 14.3 12.2 18.2
128 4.4 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 8.727 ppbv
 RT: 16.613 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

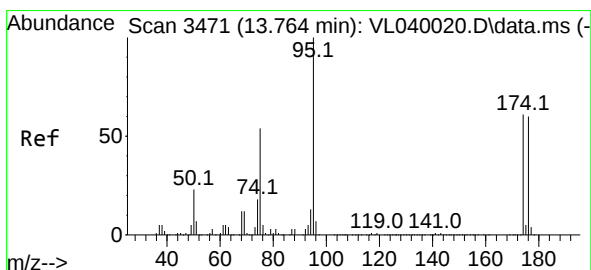
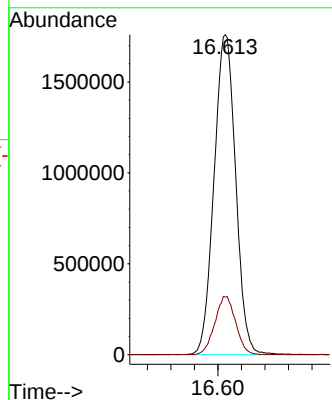
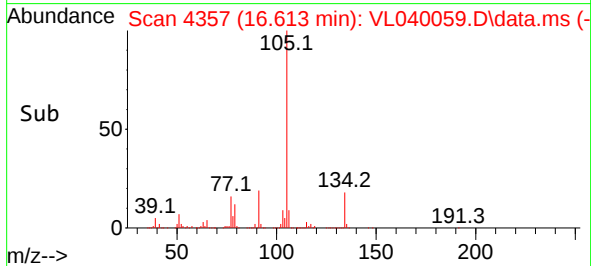
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



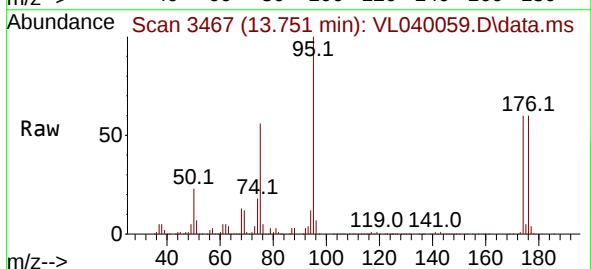
Tgt Ion:105 Resp: 448987
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.2 21.4

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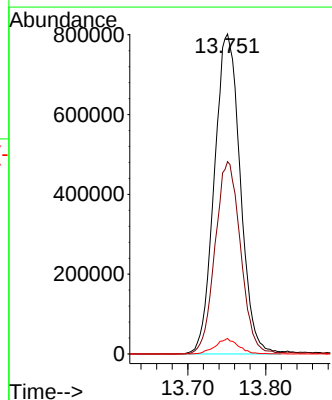
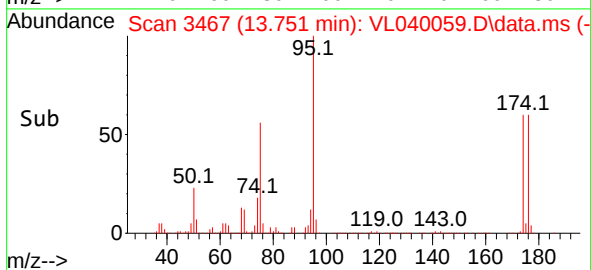
Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

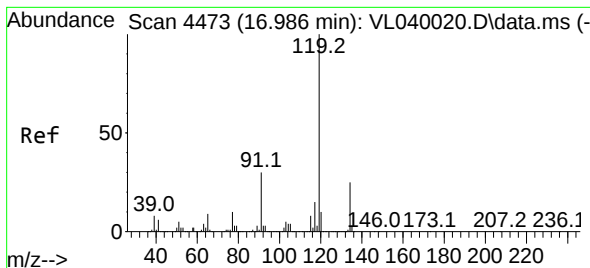


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.809 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. -0.013 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48



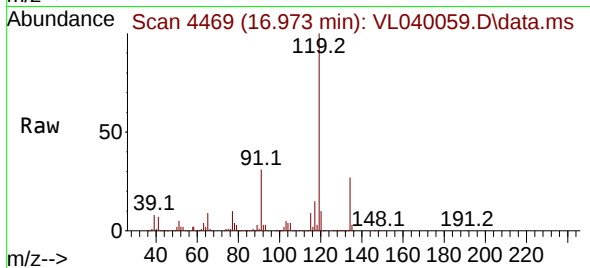
Tgt Ion: 95 Resp: 1851569
 Ion Ratio Lower Upper
 95 100
 174 59.8 48.6 73.0
 175 4.3 3.4 5.2





#69
p-Isopropyltoluene
Concen: 8.667 ppbv
RT: 16.973 min Scan# 4473
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

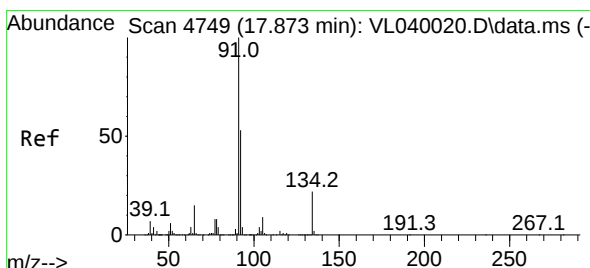
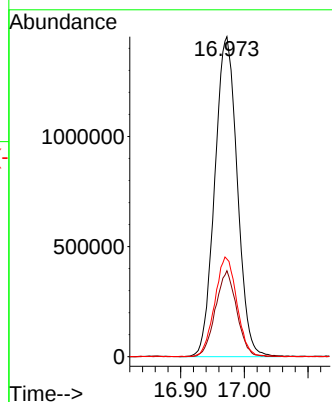
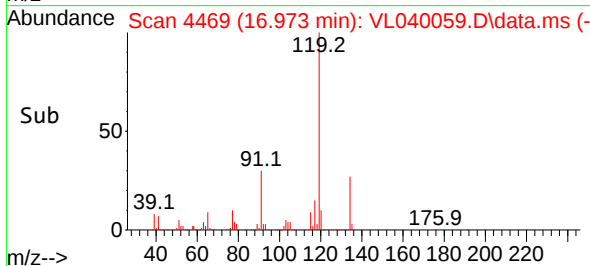
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 356195
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.4
91 30.6 24.2 36.4

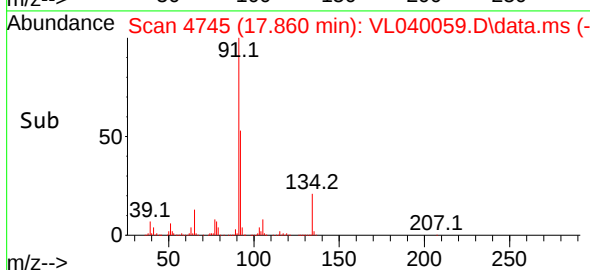
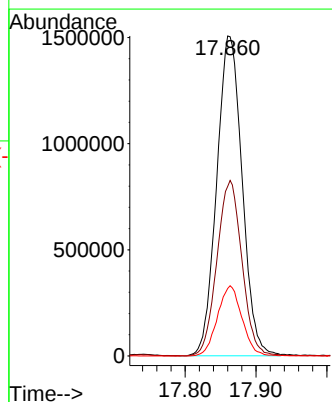
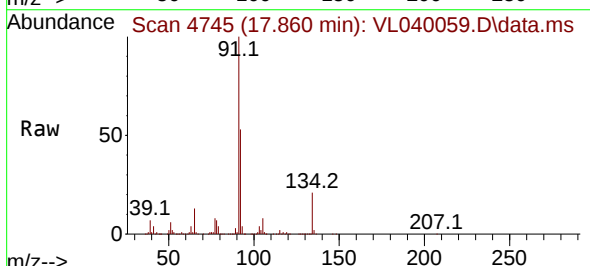
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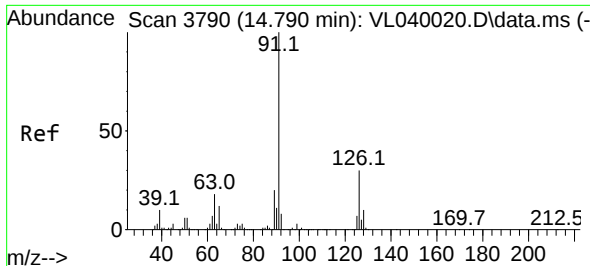
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#70
n-Butylbenzene
Concen: 8.723 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

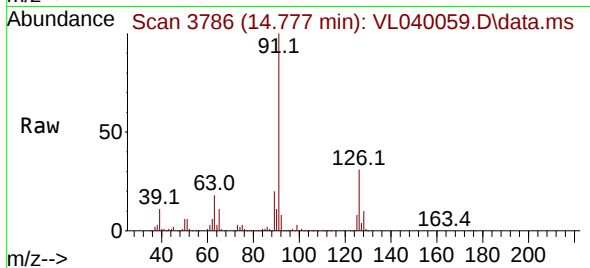
Tgt Ion: 91 Resp: 3755875
Ion Ratio Lower Upper
91 100
92 54.1 43.2 64.8
134 21.3 17.4 26.2





#71
2-Chlorotoluene
Concen: 8.571 ppbv
RT: 14.777 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

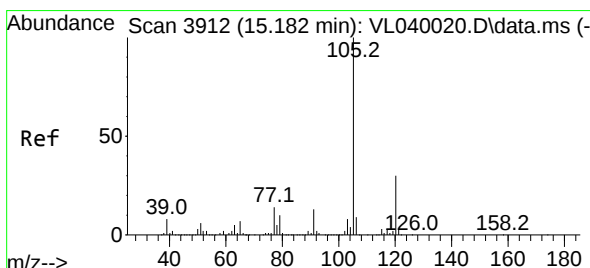
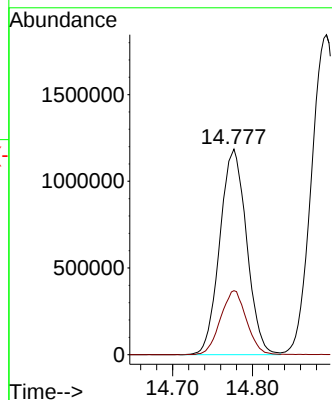
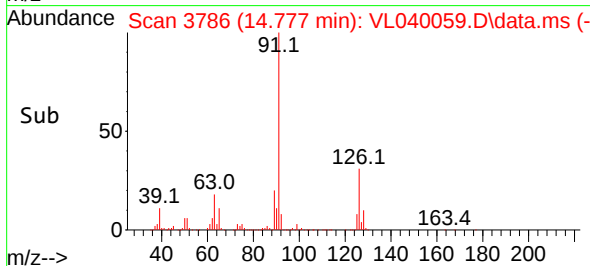
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



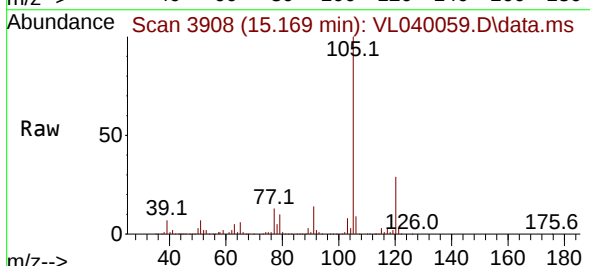
Tgt Ion: 91 Resp: 2762593
Ion Ratio Lower Upper
91 100
126 30.3 12.1 48.5

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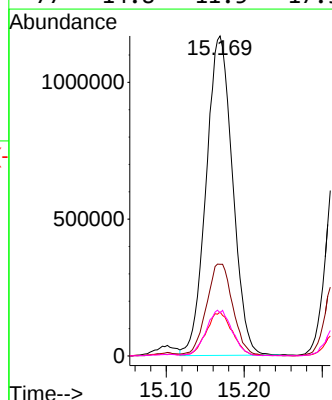
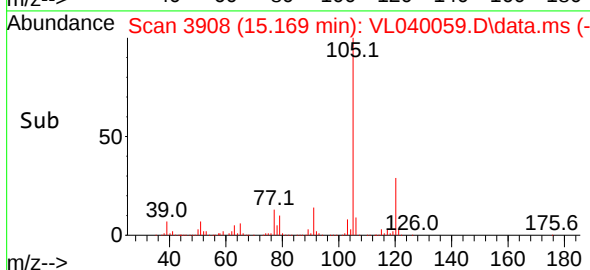
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

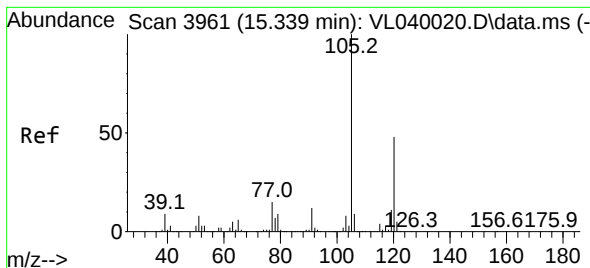


#72
4-Ethyltoluene
Concen: 8.432 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48



Tgt Ion:105 Resp: 2743493
Ion Ratio Lower Upper
105 100
120 28.9 23.5 35.3
91 14.3 10.5 15.7
77 14.8 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 8.357 ppbv

RT: 15.326 min Scan# 3961

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 2452199

Ion Ratio Lower Upper

105 100

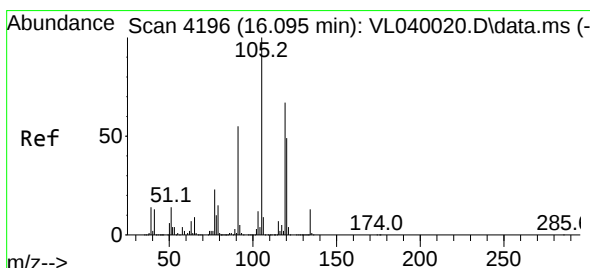
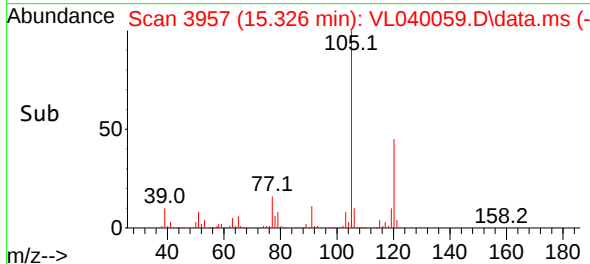
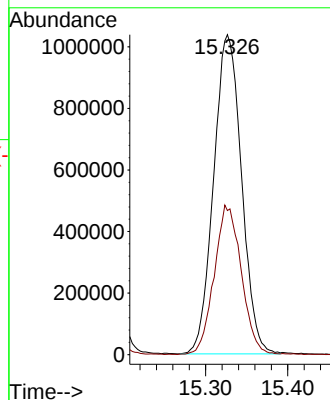
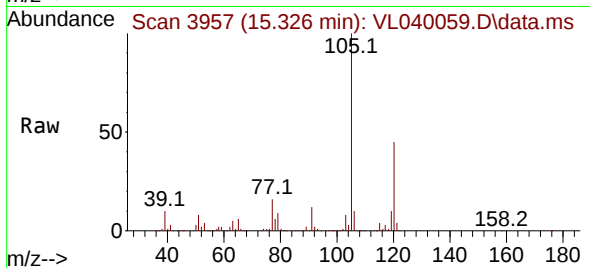
120 44.9 38.4 57.6

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Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.184 ppbv

RT: 16.085 min Scan# 4193

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Tgt Ion:105 Resp: 2647082

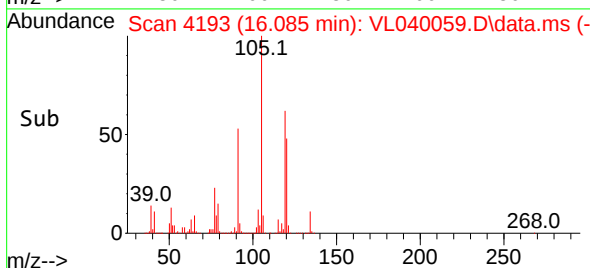
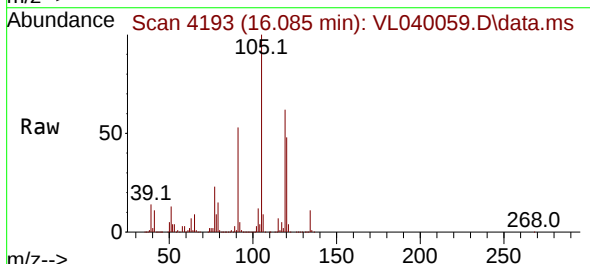
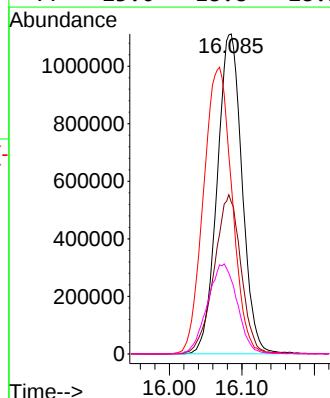
Ion Ratio Lower Upper

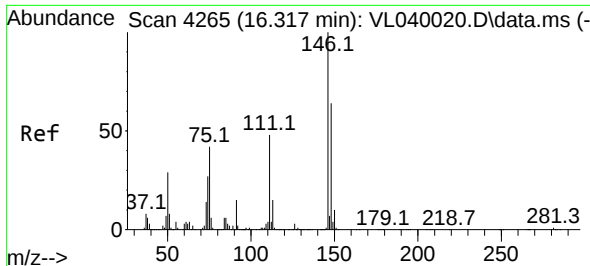
105 100

120 47.4 39.3 58.9

91 53.0 44.2 66.4

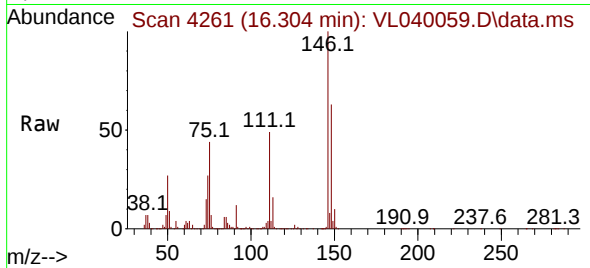
77 23.0 18.8 28.2





#75
1,3-Dichlorobenzene
Concen: 7.921 ppbv
RT: 16.304 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

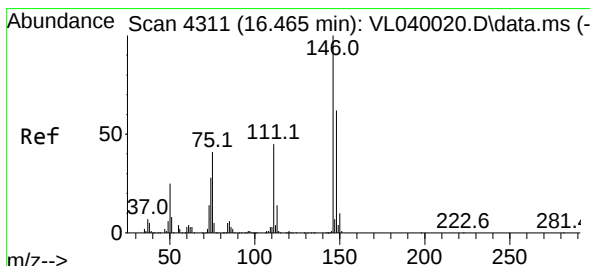
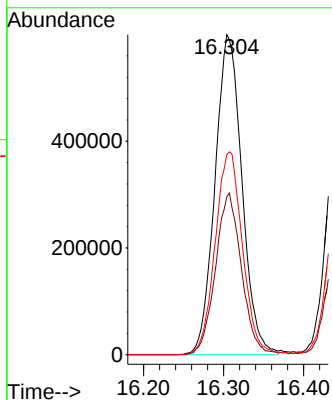
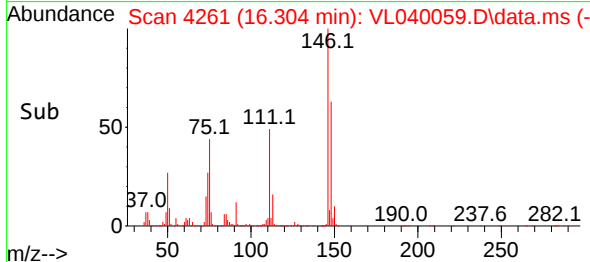
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



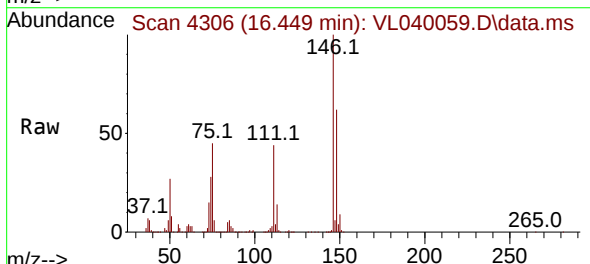
Tgt Ion:146 Resp: 140189
Ion Ratio Lower Upper
146 100
111 48.9 23.9 71.8
148 64.5 32.0 96.2

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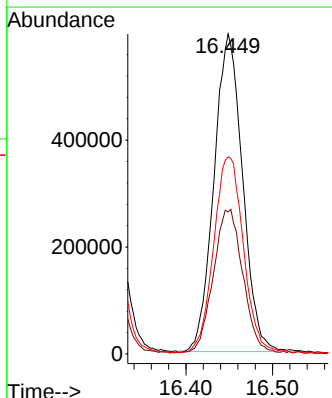
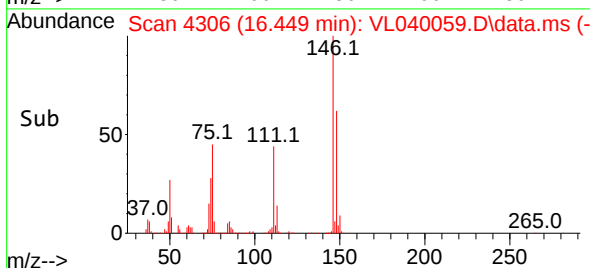
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

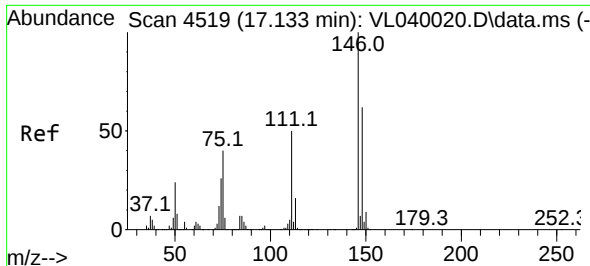


#76
1,4-Dichlorobenzene
Concen: 7.866 ppbv
RT: 16.449 min Scan# 4306
Delta R.T. -0.016 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48



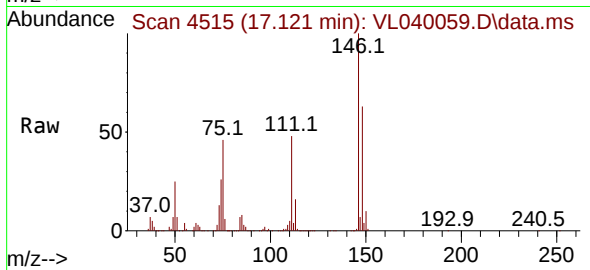
Tgt Ion:146 Resp: 1359122
Ion Ratio Lower Upper
146 100
111 47.7 23.4 70.2
148 65.9 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 8.038 ppbv
RT: 17.121 min Scan# 4515
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

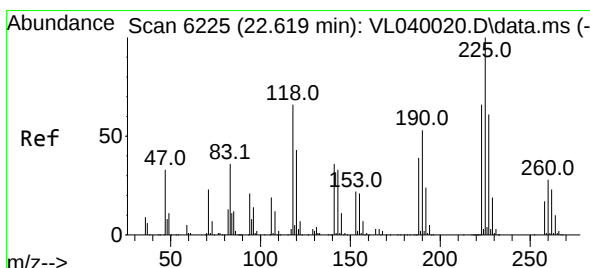
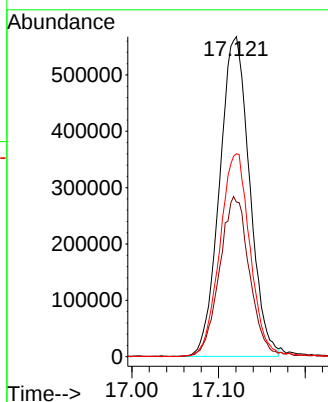
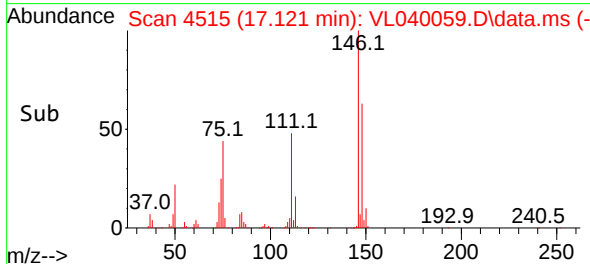
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 136434
Ion Ratio Lower Upper
146 100
111 50.3 25.3 75.9
148 64.3 31.9 95.9

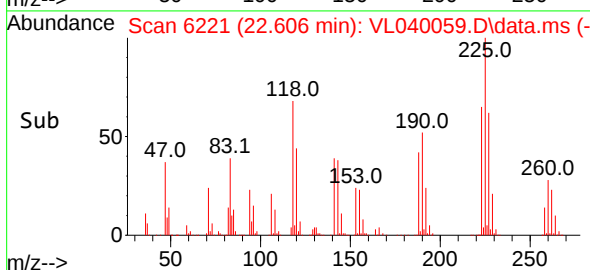
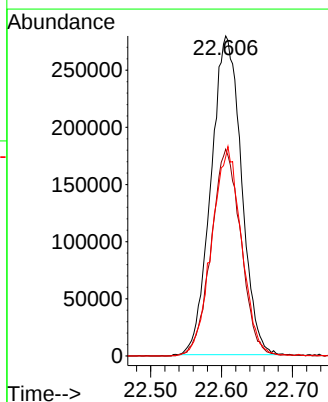
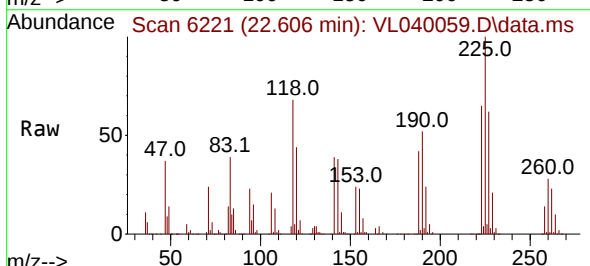
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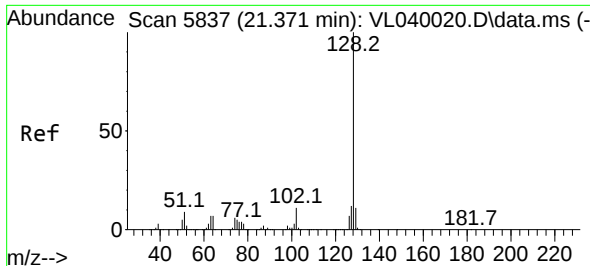
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#78
Hexachloro-1,3-Butadiene
Concen: 7.067 ppbv
RT: 22.606 min Scan# 6221
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

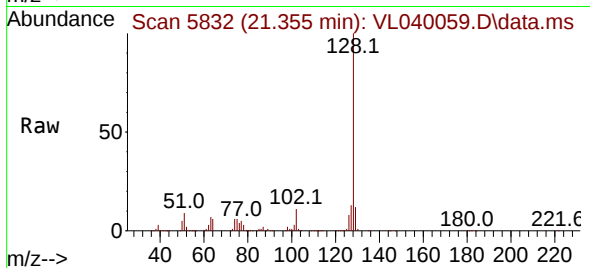
Tgt Ion:225 Resp: 832125
Ion Ratio Lower Upper
225 100
223 63.7 0.0 0.0#
227 64.4 0.0 0.0#





#79
Naphthalene
Concen: 8.440 ppbv
RT: 21.355 min Scan# 5832
Delta R.T. -0.016 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

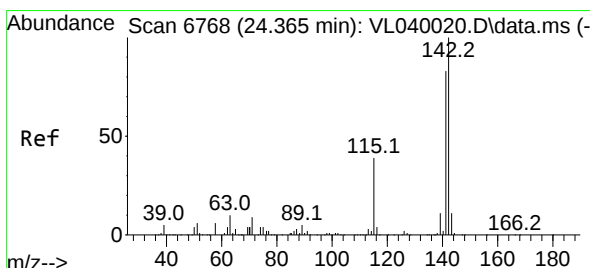
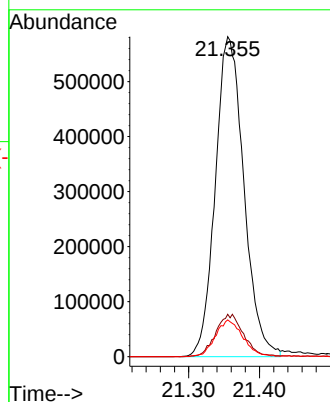
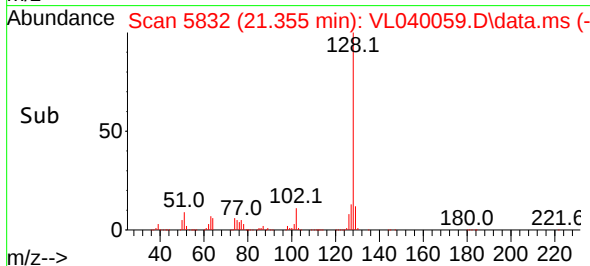
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 162666
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.5 8.8 13.2

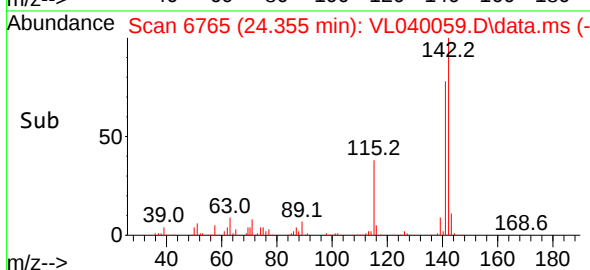
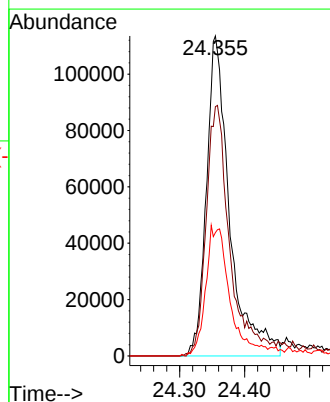
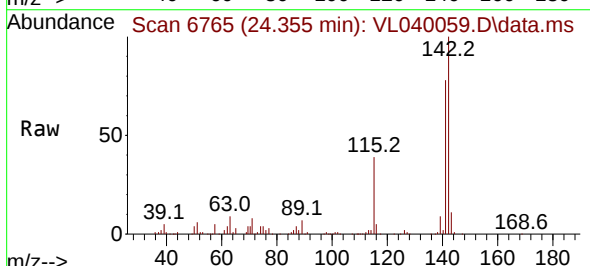
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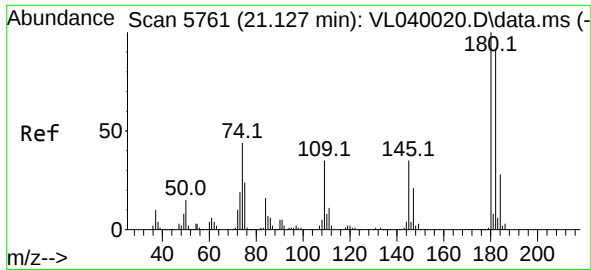
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#80
Naphthalene,2-methyl-
Concen: 4.798 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

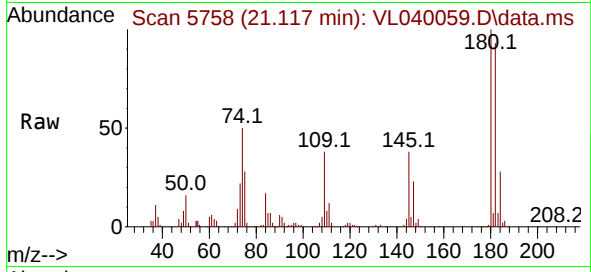
Tgt Ion:142 Resp: 282935
Ion Ratio Lower Upper
142 100
141 84.9 65.3 97.9
115 45.7 31.9 47.9





#81
1,2,4-Trichlorobenzene
Concen: 7.533 ppbv m
RT: 21.117 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 862300
Ion Ratio Lower Upper
180 100
182 0.0 76.6 115.0
184 0.0 24.9 37.3

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Supervised By :Mahesh Dadoda 12/21/2022

