

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
 Data File : VL039019.D
 Acq On : 10 May 2022 14:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 11 01:47:28 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 11 01:47:28 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.645	49	1007343	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2881504	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.053	117	2770321m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.381 95 1979005 9.020 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 90.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	1906550	12.079	ppbv	96
3) Chlorodifluoromethane	2.980	51	1179046	9.432	ppbv	94
4) Chloromethane	3.134	50	624260	9.973	ppbv	98
5) Vinyl Chloride	3.250	62	589112	10.306	ppbv	97
6) Bromomethane	3.465	94	265741	9.841	ppbv	95
7) Chloroethane	3.542	64	190638	9.964	ppbv	96
8) Dichlorotetrafluoroethane	3.179	85	1364454	9.539	ppbv	94
9) Propene	3.002	41	593416	10.871	ppbv	97
10) Heptane	8.095	43	1490414	11.129	ppbv	99
11) Trichlorofluoromethane	3.938	101	1276761	9.428	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.468	101	928040	9.948	ppbv	94
13) Ethanol	3.594	45	28033m	7.257	ppbv	
14) Bromoethene	3.729	108	421508	10.957	ppbv	94
15) Acetone	3.832	43	926914	9.755	ppbv	98
16) 1,3-Butadiene	3.317	39	570047	10.442	ppbv	99
17) tert-Butyl alcohol	4.266	59	747129	10.230	ppbv	98
18) 1,1-Dichloroethene	4.276	96	410914	10.235	ppbv	96
19) Isopropyl Alcohol	3.948	45	437986	9.694	ppbv #	1
20) Methylene Chloride	4.327	84	328138	9.162	ppbv	98
21) Allyl Chloride	4.398	41	703488	10.865	ppbv	97
22) trans-1,2-Dichloroethene	4.867	96	441858	10.189	ppbv	98
23) Vinyl Acetate	5.054	43	940449	12.508	ppbv	97
24) 1,1-Dichloroethane	4.993	63	874702	10.103	ppbv	100
25) Ethyl Acetate	5.652	43	2483813	10.921	ppbv	99
26) Hexane	5.668	57	1088052	10.767	ppbv	96
27) Carbon Disulfide	4.533	76	1024966	10.677	ppbv	98
28) Methyl tert-Butyl Ether	5.015	73	886914	11.536	ppbv	100
29) Chloroform	5.732	83	1643412	10.052	ppbv	99
30) Cyclohexane	7.105	84	960936	11.358	ppbv	92
31) cis-1,2-Dichloroethene	5.530	61	1079659	10.487	ppbv	88
32) 1,1,1-Trichloroethane	6.488	97	1610511	9.852	ppbv	97
34) 2-Butanone	5.221	43	1503999	10.231	ppbv	99
35) Carbon Tetrachloride	6.996	117	1618261	8.523	ppbv	98
36) Benzene	6.867	78	2333947	9.465	ppbv	98
37) 1,2-Dichloroethane	6.285	62	1177292	7.716	ppbv #	96
38) Trichloroethene	7.809	130	1011000	9.222	ppbv	96
39) 1,2-Dichloropropane	7.587	63	894868	9.326	ppbv	97
40) 1,4-Dioxane	7.796	88	302332	8.773	ppbv #	1
41) Tetrahydrofuran	6.025	42	957642	9.693	ppbv	100
42) Bromodichloromethane	7.764	83	1760532	8.440	ppbv	98
43) Methyl Methacrylate	7.983	69	964741	9.637	ppbv	95
44) 2,2,4-Trimethylpentane	7.841	57	3838755	8.872	ppbv	97
45) t-1,3-Dichloropropene	9.246	75	1005940	10.381	ppbv	98

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Manual Integrations
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Quant Time: May 11 01:47:28 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 11 01:47:28 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

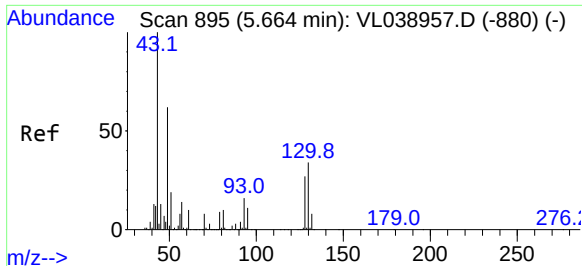
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.674	75	1280093	9.961	ppbv	94
47) 1,1,2-Trichloroethane	9.446	97	929581	9.315	ppbv	98
48) Dibromochloromethane	10.275	129	1498985	9.229	ppbv	99
49) Bromoform	13.008	173	1166998	9.421	ppbv	98
50) 4-Methyl-2-Pentanone	8.709	43	2332599	9.049	ppbv	96
51) 2-Hexanone	10.098	43	1877196	9.978	ppbv #	98
52) Tetrachloroethene	11.192	164	807854	9.168	ppbv	96
53) Toluene	9.774	91	2726504	9.865	ppbv	100
54) 1,2-Dibromoethane	10.578	107	1320218	9.718	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.092	131	1062467	8.741	ppbv	98
57) Chlorobenzene	12.114	112	1936810	9.327	ppbv	94
58) Ethyl Benzene	12.677	91	3599131	9.028	ppbv	99
59) m/p-Xylene	12.963	91	5864885m	17.232	ppbv	
60) o-Xylene	13.658	91	2776447	8.667	ppbv	99
61) Styrene	13.494	104	1750479	10.236	ppbv	93
62) Isopropylbenzene	14.632	105	4056470	8.659	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.642	83	1532654	8.125	ppbv	100
64) n-propylbenzene	15.526	120	1050222	9.273	ppbv	89
65) tert-Butylbenzene	16.709	119	3451228	8.408	ppbv	94
66) Benzyl Chloride	16.950	91	541393	10.091	ppbv	95
67) sec-Butylbenzene	17.259	105	5045283	8.604	ppbv	100
69) p-Isopropyltoluene	17.616	119	4223586	8.915	ppbv	97
70) n-Butylbenzene	18.516	91	4504398	8.950	ppbv	98
71) 2-Chlorotoluene	15.420	91	3092405	8.563	ppbv	98
72) 4-Ethyltoluene	15.802	105	3354520	9.190	ppbv	97
73) 1,3,5-Trimethylbenzene	15.960	105	2967217	9.029	ppbv	98
74) 1,2,4-Trimethylbenzene	16.725	105	3121605	8.675	ppbv	97
75) 1,3-Dichlorobenzene	16.960	146	1812147	9.192	ppbv	99
76) 1,4-Dichlorobenzene	17.101	146	1791463	9.237	ppbv	98
77) 1,2-Dichlorobenzene	17.780	146	1812489	9.296	ppbv	99
78) Hexachloro-1,3-Butadiene	23.339	225	1644710	9.178	ppbv	100
79) Naphthalene	22.149	128	3535078	12.095	ppbv	99
80) Naphthalene,2-methyl-	24.940	142	726500	8.217	ppbv	96
81) 1,2,4-Trichlorobenzene	21.883	180	1812052	10.580	ppbv	99

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

Manual Integrations APPROVED

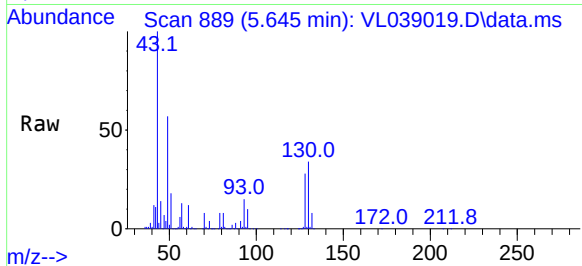
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

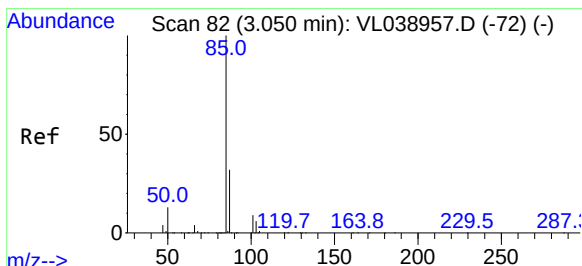
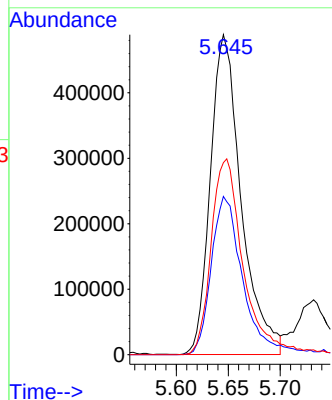
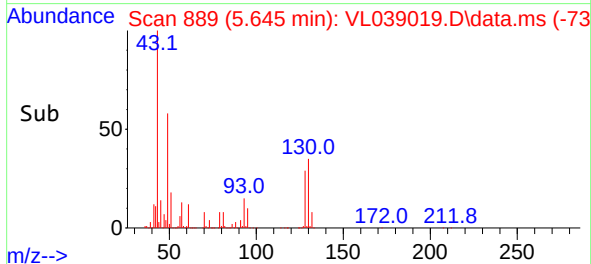
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



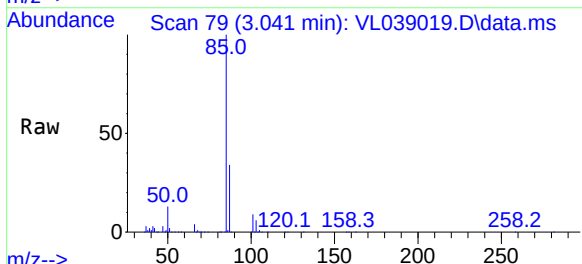
Tgt Ion: 49 Resp: 100734
Ion Ratio Lower Upper
49 100
128 52.2 23.3 69.8
130 65.5 29.8 89.3

Manual Integrations
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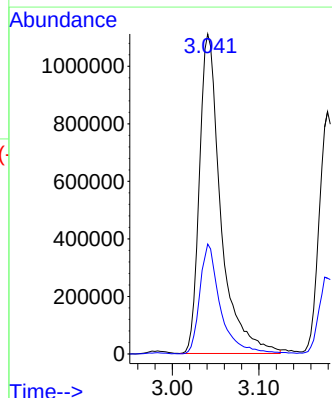
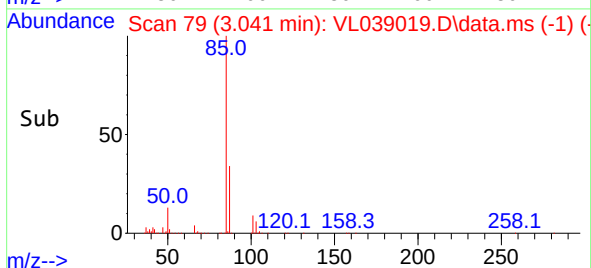
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

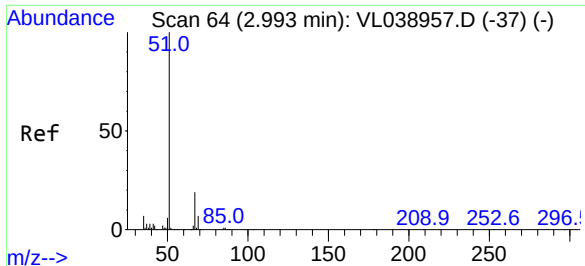


#2
Dichlorodifluoromethane
Concen: 12.079 ppbv
RT: 3.041 min Scan# 79
Delta R.T. -0.010 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



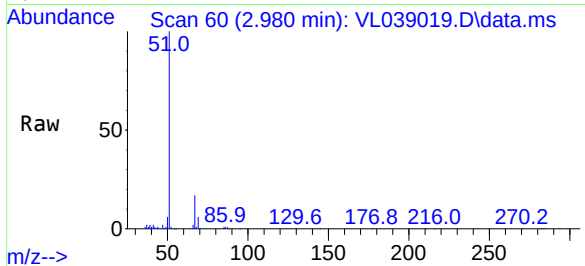
Tgt Ion: 85 Resp: 1906550
Ion Ratio Lower Upper
85 100
87 34.4 25.7 38.5





#3
Chlorodifluoromethane
Concen: 9.432 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.013 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

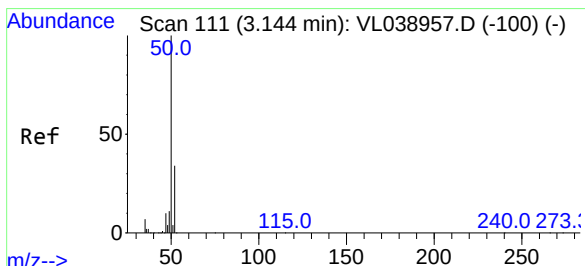
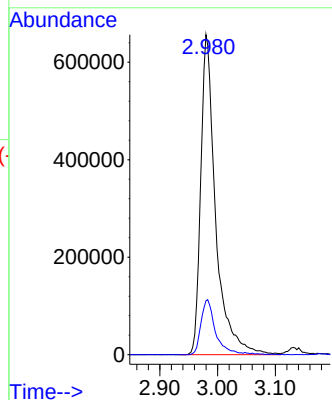
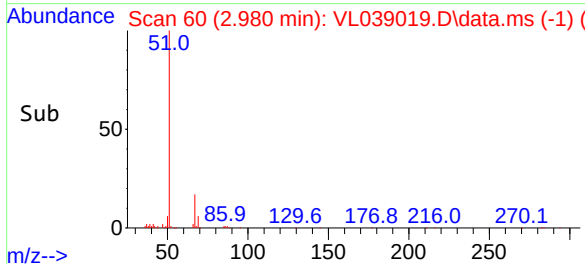
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



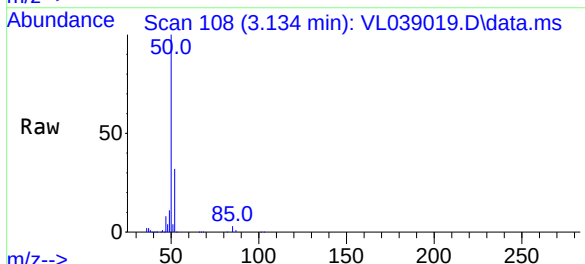
Tgt Ion: 51 Resp: 1179040
Ion Ratio Lower Upper
51 100
67 17.1 15.8 23.8

Manual Integrations
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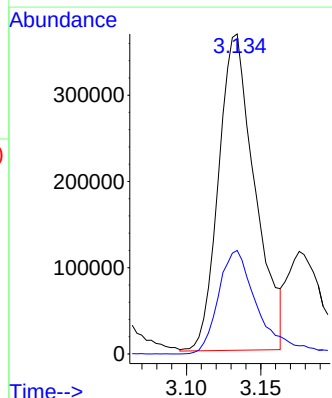
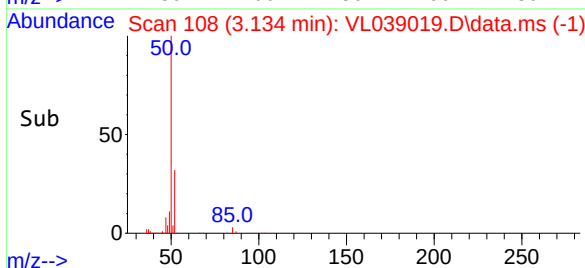
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

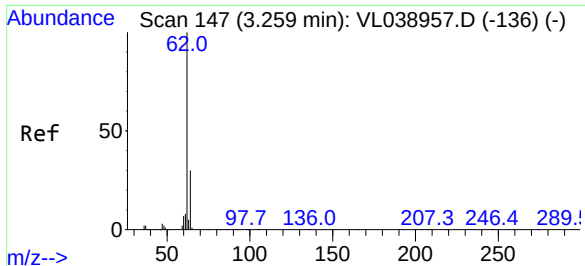


#4
Chloromethane
Concen: 9.973 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.009 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



Tgt Ion: 50 Resp: 624260
Ion Ratio Lower Upper
50 100
52 32.8 27.3 40.9





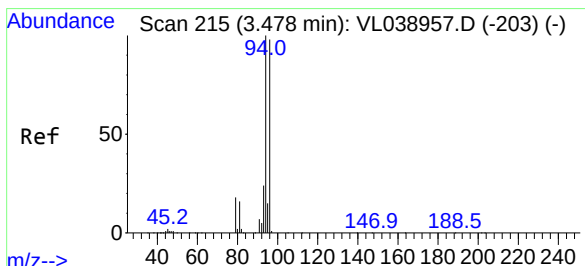
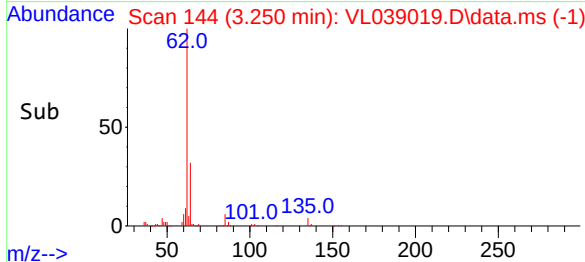
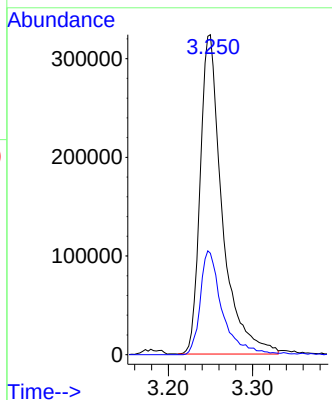
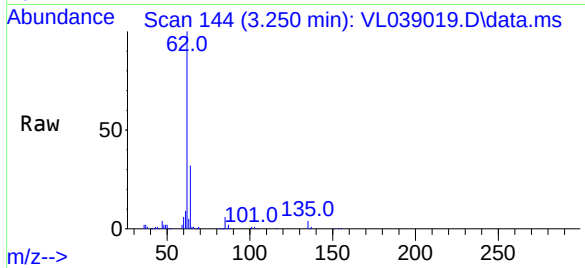
#5
 Vinyl Chloride
 Concen: 10.306 ppbv
 RT: 3.250 min Scan# 147
 Delta R.T. -0.010 min
 Lab File: VL039019.D
 Acq: 10 May 2022 14:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 58911
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.2 36.4

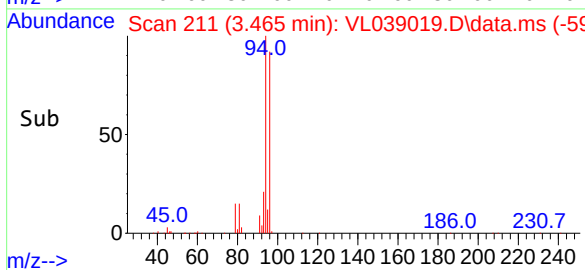
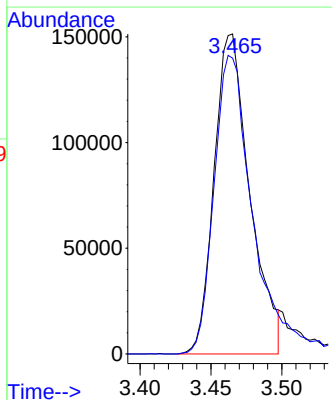
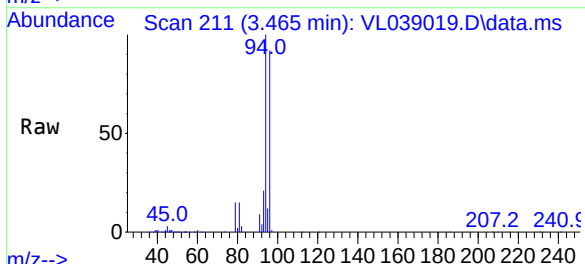
Manual Integrations
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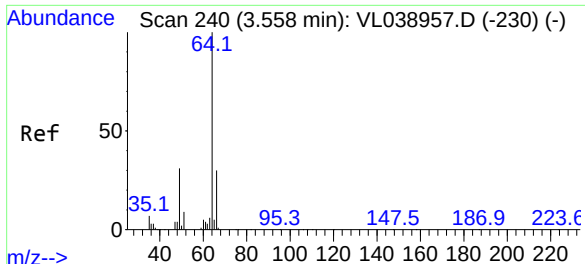
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#6
 Bromomethane
 Concen: 9.841 ppbv
 RT: 3.465 min Scan# 211
 Delta R.T. -0.013 min
 Lab File: VL039019.D
 Acq: 10 May 2022 14:00

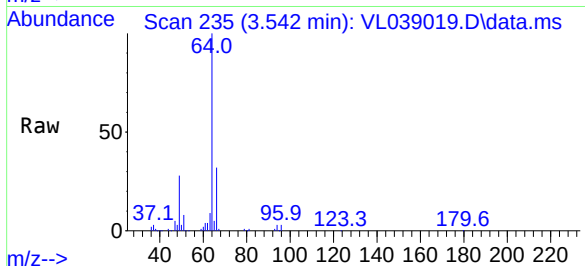
Tgt Ion: 94 Resp: 265741
 Ion Ratio Lower Upper
 94 100
 96 92.4 78.1 117.1





#7
Chloroethane
Concen: 9.964 ppbv
RT: 3.542 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

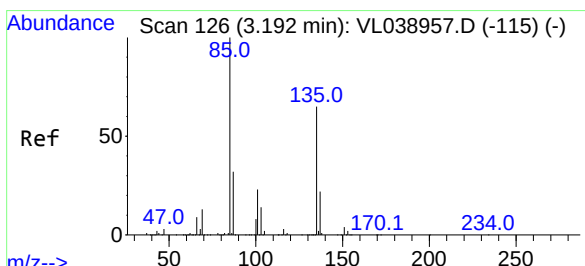
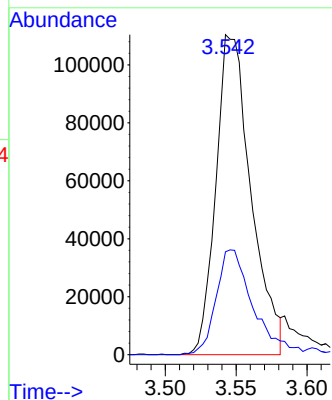
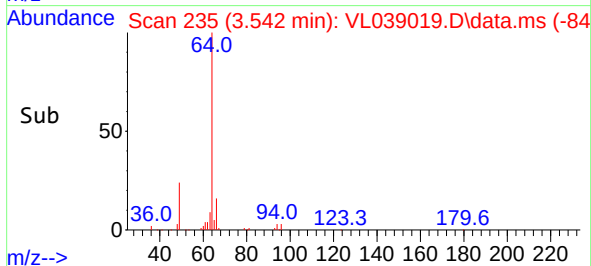
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 190638
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.8

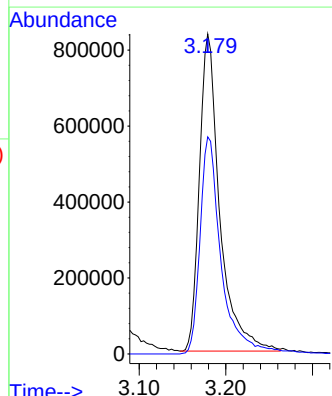
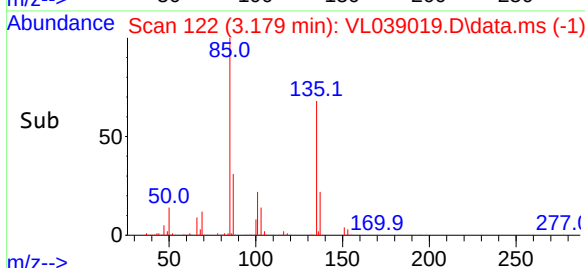
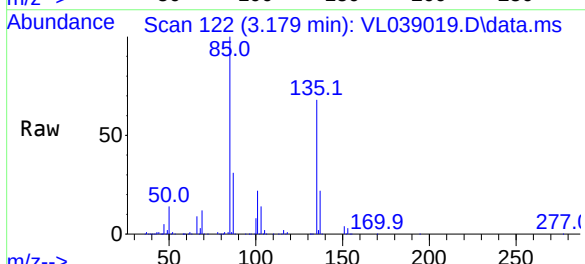
Manual Integrations
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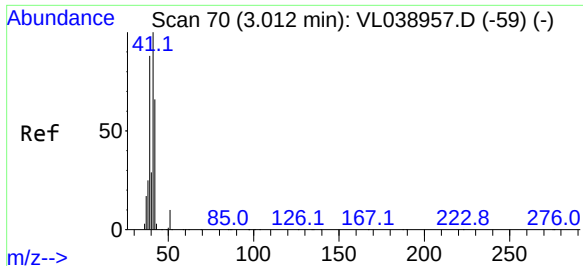
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#8
Dichlorotetrafluoroethane
Concen: 9.539 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.013 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

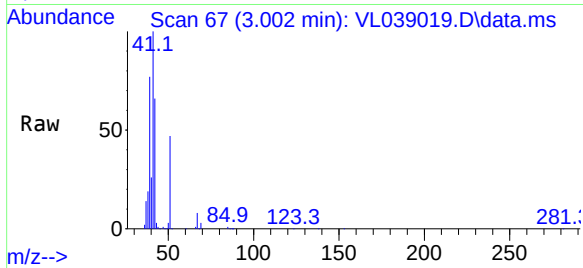
Tgt Ion: 85 Resp: 1364454
Ion Ratio Lower Upper
85 100
135 72.1 53.6 80.4





#9
 Propene
 Concen: 10.871 ppbv
 RT: 3.002 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL039019.D
 Acq: 10 May 2022 14:00

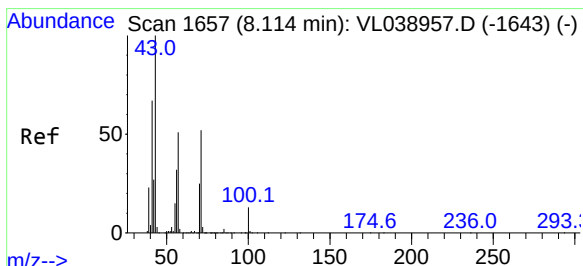
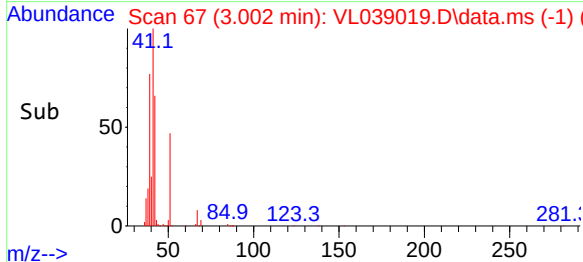
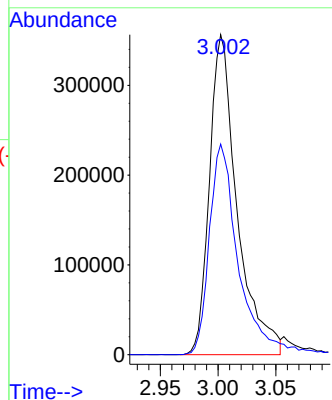
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 593410
 Ion Ratio Lower Upper
 41 100
 42 70.4 58.3 87.5

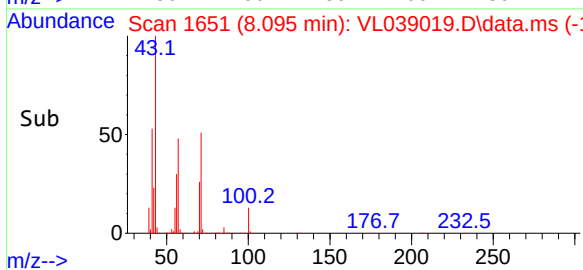
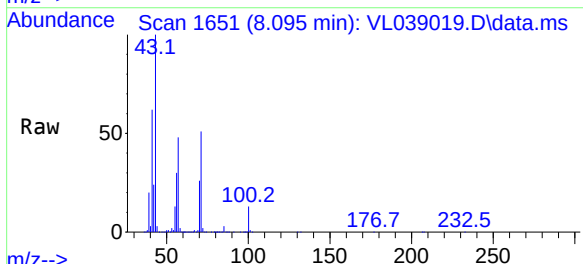
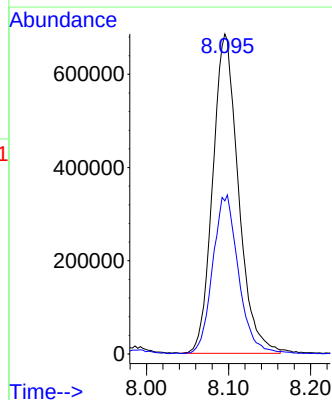
Manual Integrations
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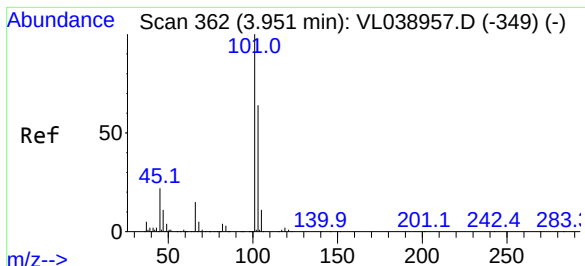
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#10
 Heptane
 Concen: 11.129 ppbv
 RT: 8.095 min Scan# 1651
 Delta R.T. -0.019 min
 Lab File: VL039019.D
 Acq: 10 May 2022 14:00

Tgt Ion: 43 Resp: 1490414
 Ion Ratio Lower Upper
 43 100
 57 50.1 40.5 60.7





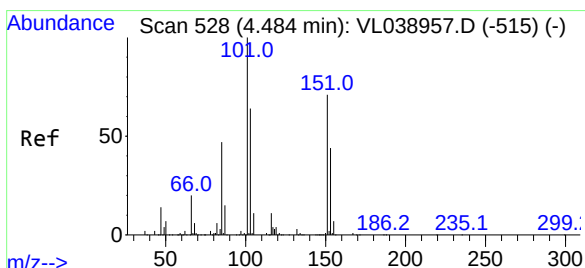
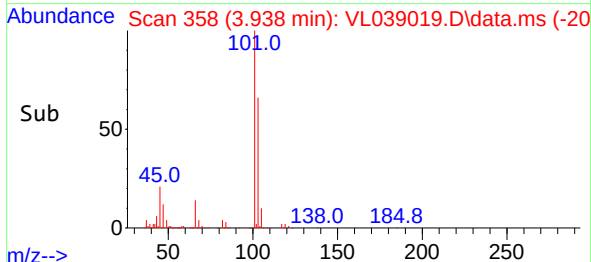
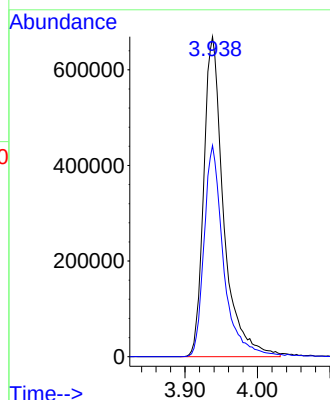
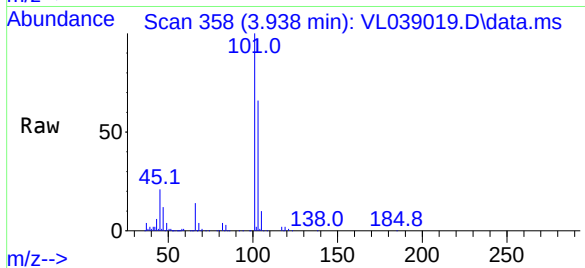
#11
Trichlorofluoromethane
Concen: 9.428 ppbv
RT: 3.938 min Scan# 311
Delta R.T. -0.013 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 127676
Ion Ratio Lower Upper
101 100
103 66.0 51.5 77.3

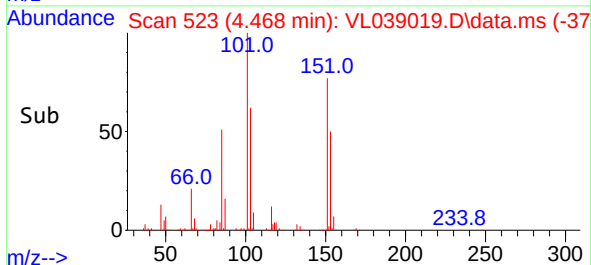
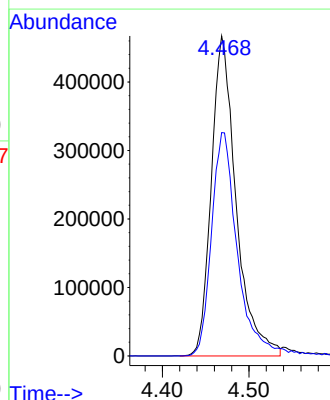
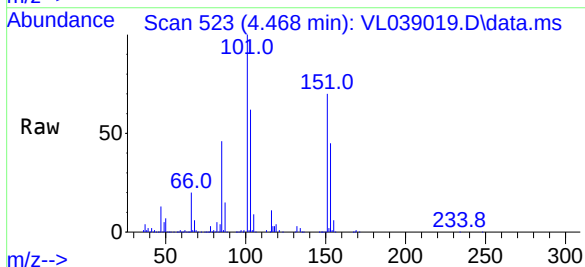
Manual Integrations
APPROVED

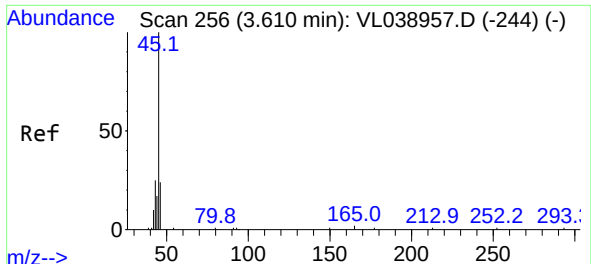
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.948 ppbv
RT: 4.468 min Scan# 523
Delta R.T. -0.016 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

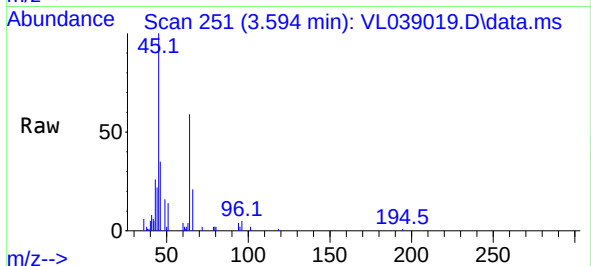
Tgt Ion:101 Resp: 928040
Ion Ratio Lower Upper
101 100
151 73.8 55.4 83.0





#13
Ethanol
Concen: 7.257 ppbv m
RT: 3.594 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

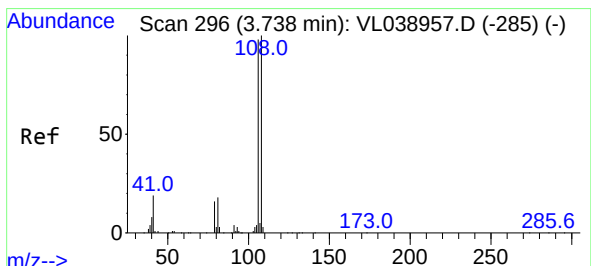
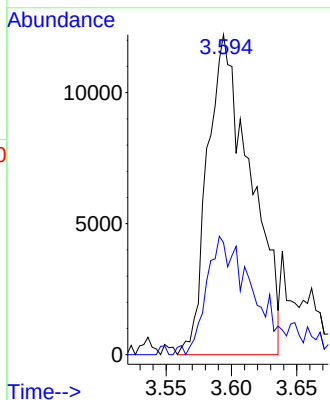
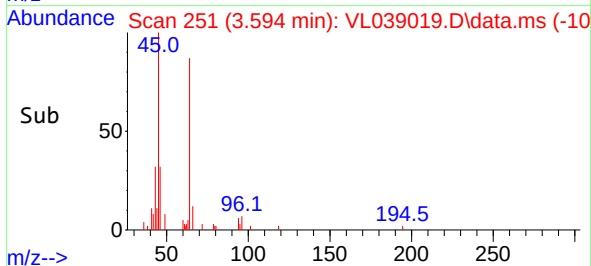
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 2803
Ion Ratio Lower Upper
45 100
46 48.0 18.0 72.2

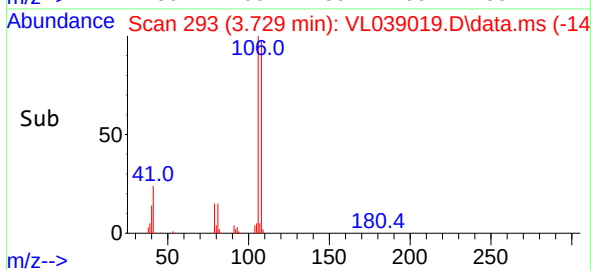
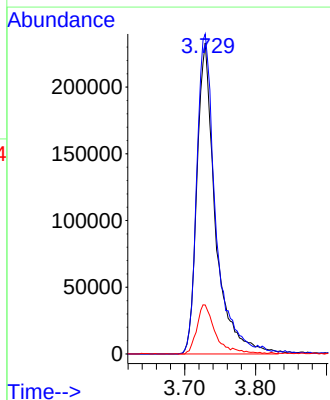
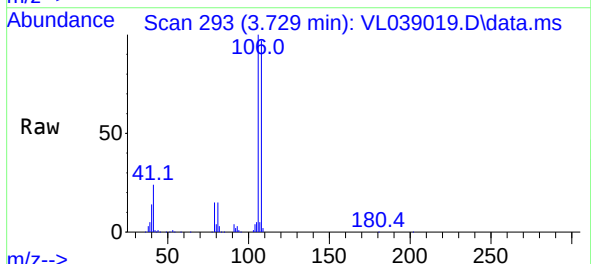
Manual Integrations
APPROVED

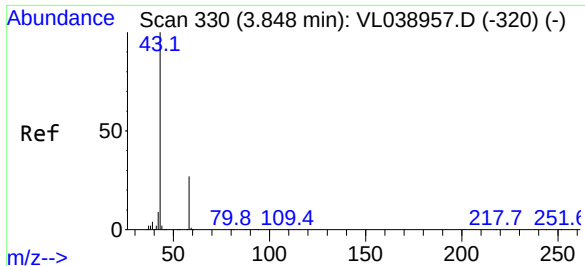
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#14
Bromoethene
Concen: 10.957 ppbv
RT: 3.729 min Scan# 293
Delta R.T. -0.009 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

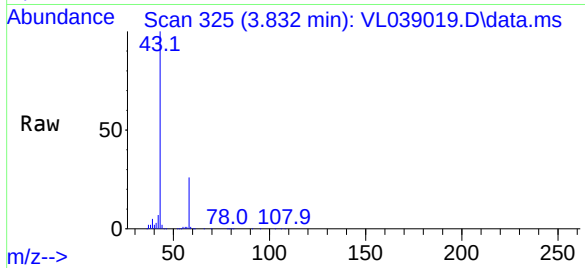
Tgt Ion:108 Resp: 421508
Ion Ratio Lower Upper
108 100
106 106.5 90.3 135.5
79 16.4 14.9 22.3





#15
Acetone
Concen: 9.755 ppbv
RT: 3.832 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

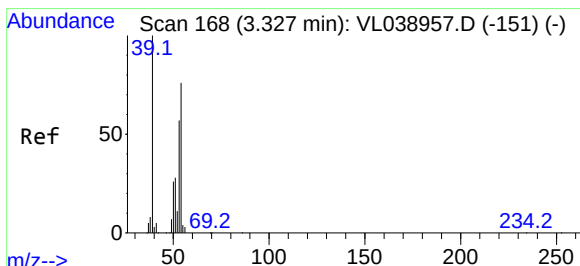
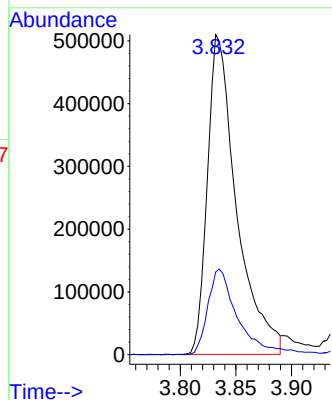
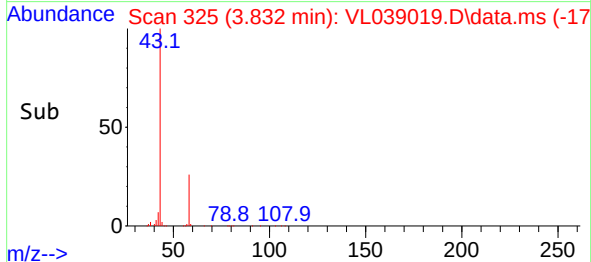
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 926914
Ion Ratio Lower Upper
43 100
58 27.8 21.3 31.9

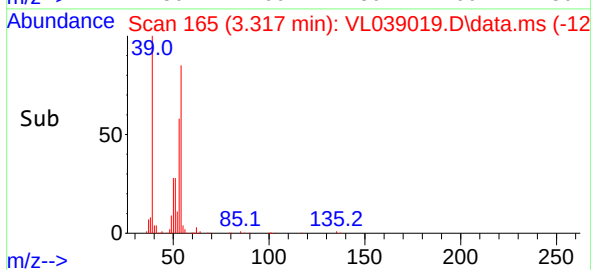
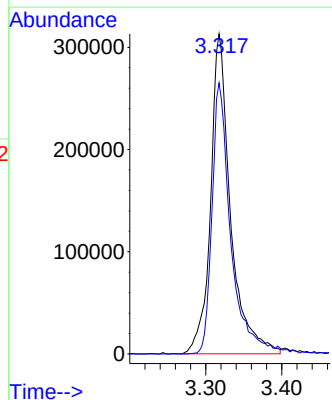
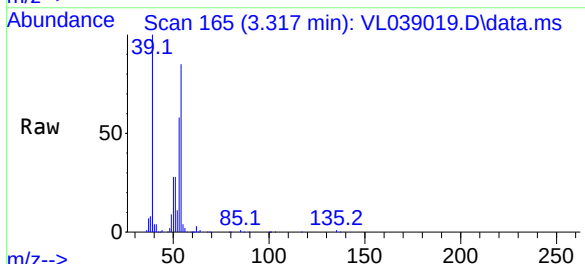
Manual Integrations
APPROVED

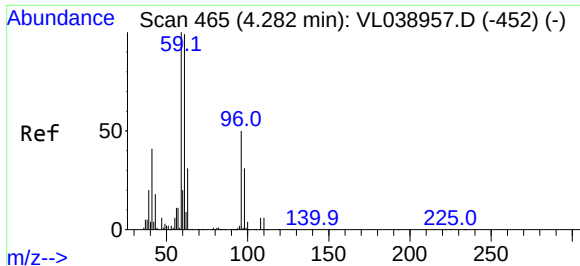
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#16
1,3-Butadiene
Concen: 10.442 ppbv
RT: 3.317 min Scan# 165
Delta R.T. -0.010 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

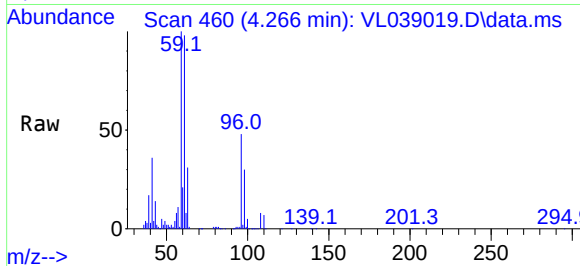
Tgt Ion: 39 Resp: 570047
Ion Ratio Lower Upper
39 100
54 80.4 65.2 97.8





#17
tert-Butyl alcohol
Concen: 10.230 ppbv
RT: 4.266 min Scan# 40
Delta R.T. -0.016 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

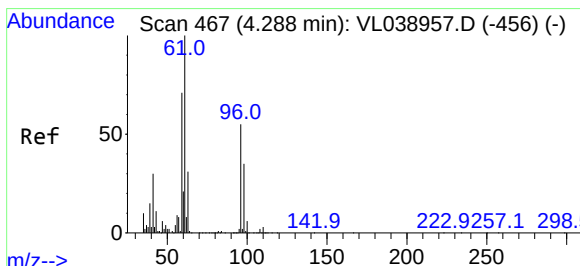
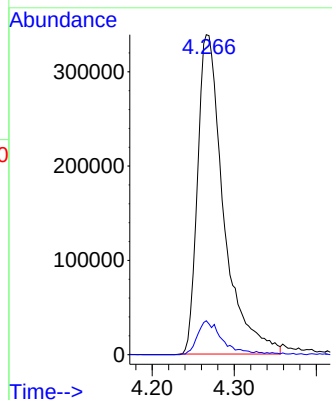
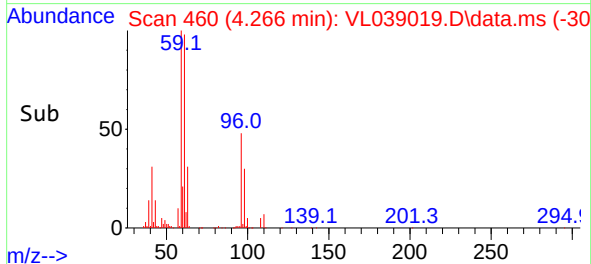
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



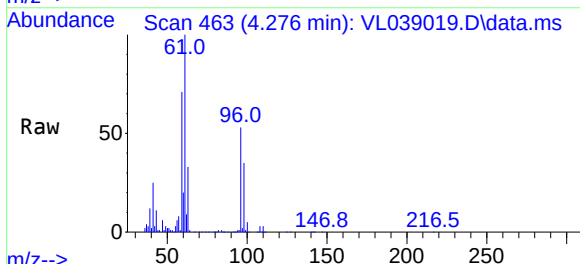
Tgt Ion: 59 Resp: 747129
Ion Ratio Lower Upper
59 100
57 10.6 9.2 13.8

Manual Integrations
APPROVED

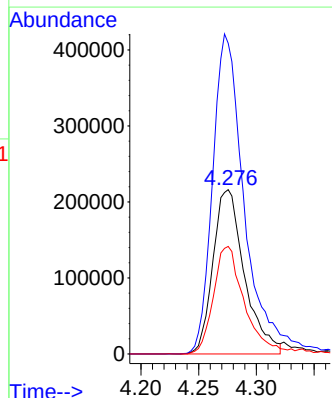
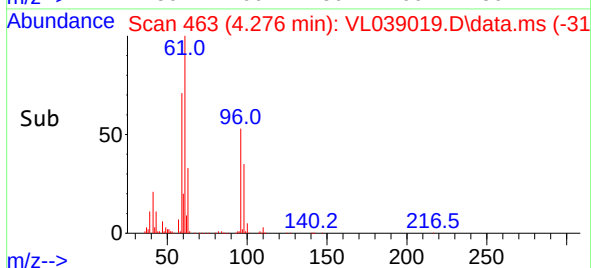
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

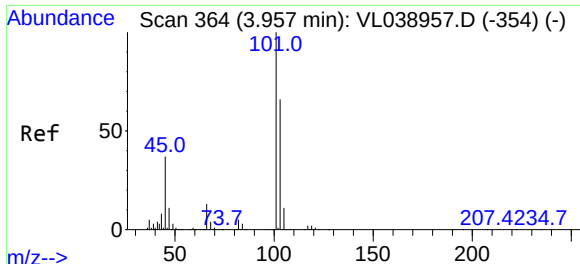


#18
1,1-Dichloroethene
Concen: 10.235 ppbv
RT: 4.276 min Scan# 463
Delta R.T. -0.013 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



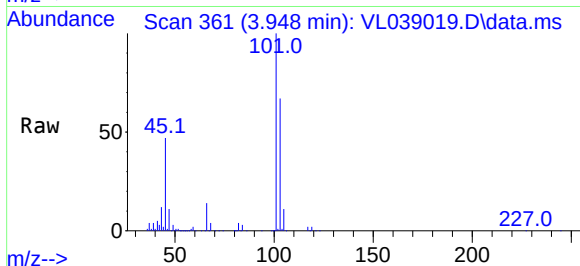
Tgt Ion: 96 Resp: 410914
Ion Ratio Lower Upper
96 100
61 189.0 146.3 219.5
98 65.4 50.6 75.8





#19
Isopropyl Alcohol
Concen: 9.694 ppbv
RT: 3.948 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

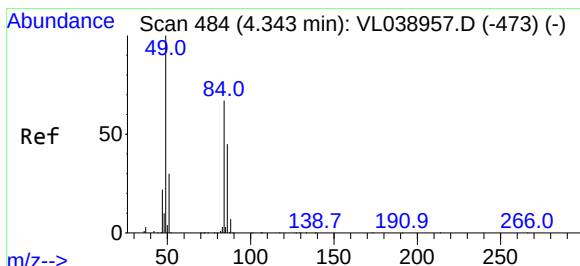
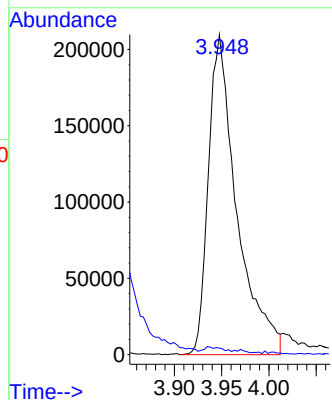
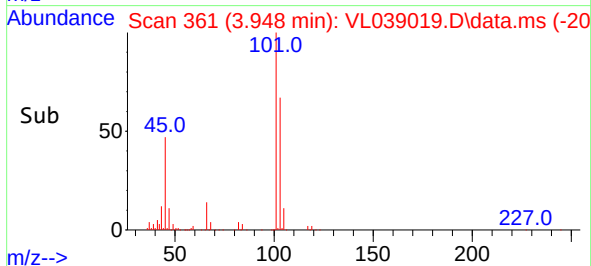
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



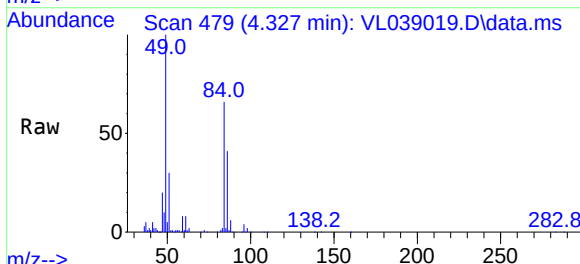
Tgt Ion: 45 Resp: 437980
Ion Ratio Lower Upper
45 100
58 59.2 1.4 2.2

Manual Integrations
APPROVED

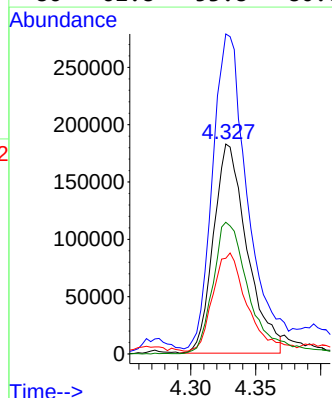
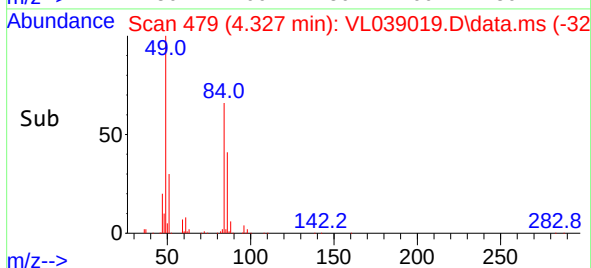
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

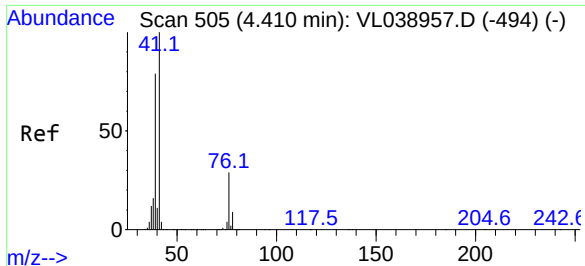


#20
Methylene Chloride
Concen: 9.162 ppbv
RT: 4.327 min Scan# 479
Delta R.T. -0.016 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



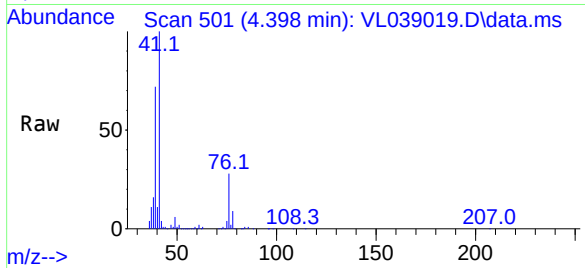
Tgt Ion: 84 Resp: 328138
Ion Ratio Lower Upper
84 100
49 150.1 119.9 179.9
51 43.9 35.7 53.5
86 62.8 53.8 80.6





#21
 Allyl Chloride
 Concen: 10.865 ppbv
 RT: 4.398 min Scan# 505
 Delta R.T. -0.013 min
 Lab File: VL039019.D
 Acq: 10 May 2022 14:00

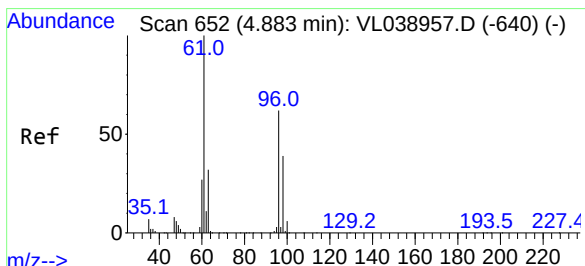
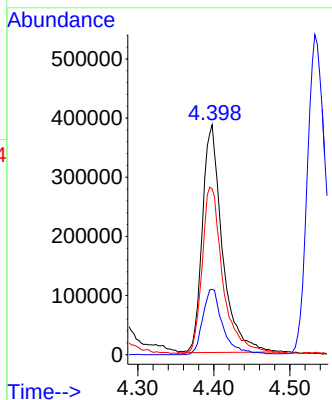
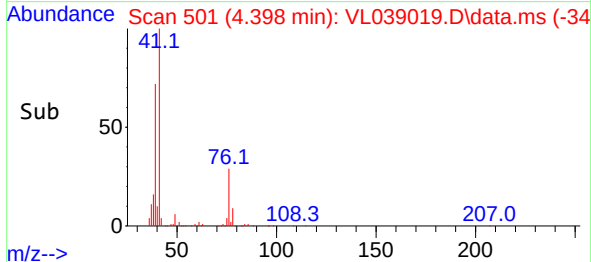
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 703488
 Ion Ratio Lower Upper
 41 100
 76 29.1 24.2 36.4
 39 76.8 63.8 95.8

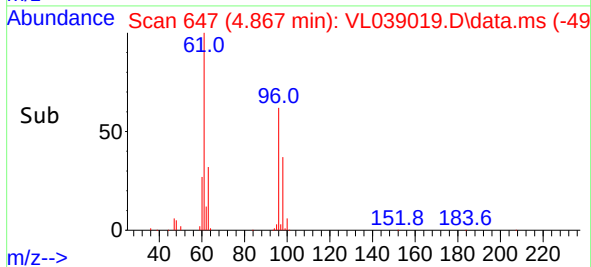
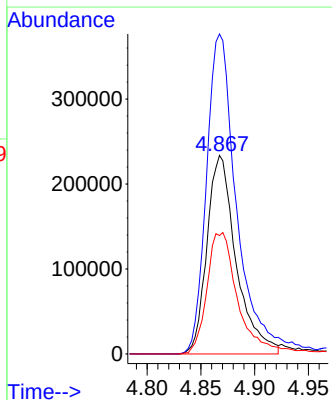
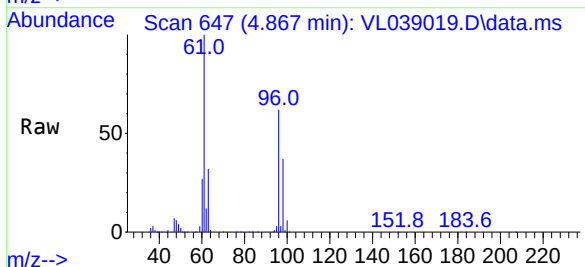
Manual Integrations
 APPROVED

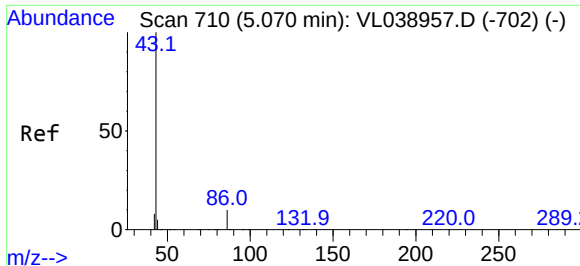
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.189 ppbv
 RT: 4.867 min Scan# 647
 Delta R.T. -0.016 min
 Lab File: VL039019.D
 Acq: 10 May 2022 14:00

Tgt Ion: 96 Resp: 441858
 Ion Ratio Lower Upper
 96 100
 61 161.2 128.2 192.2
 98 59.7 50.1 75.1





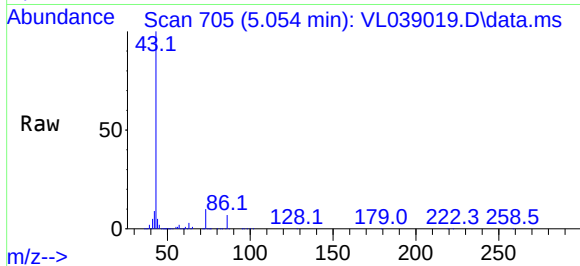
#23
 Vinyl Acetate
 Concen: 12.508 ppbv
 RT: 5.054 min Scan# 705
 Delta R.T. -0.016 min
 Lab File: VL039019.D
 Acq: 10 May 2022 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

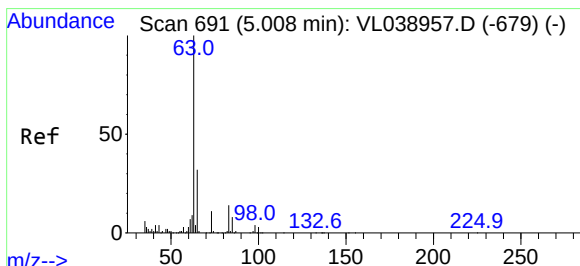
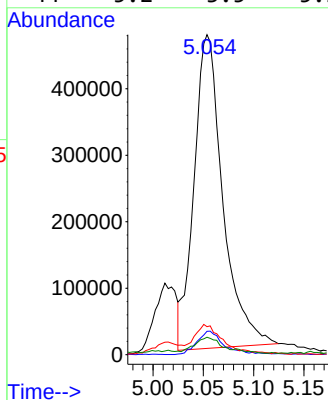
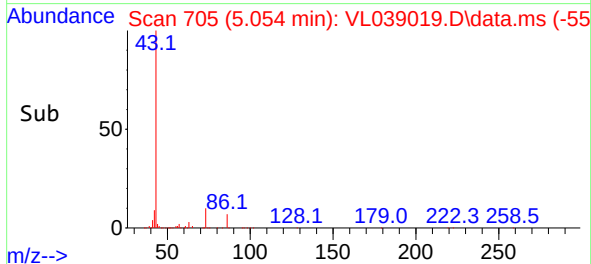


Tgt Ion: 43 Resp: 940449
 Ion Ratio Lower Upper
 43 100
 86 7.4 6.6 9.8
 42 8.6 8.1 12.1
 44 5.2 3.5 5.3

Manual Integrations

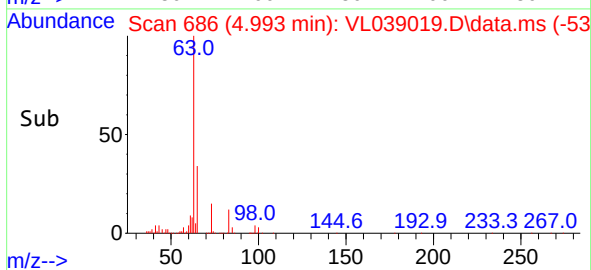
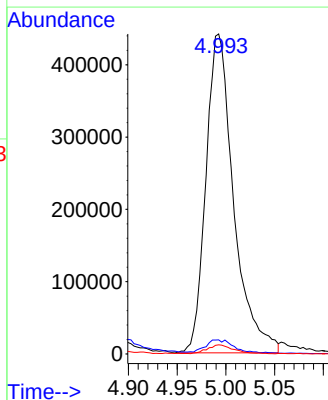
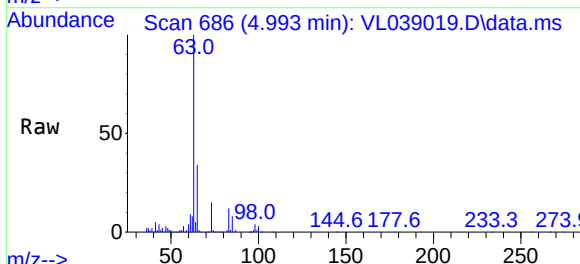
APPROVED

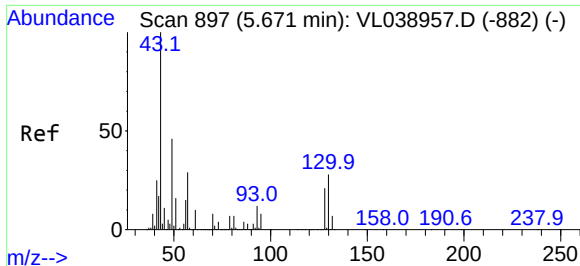
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#24
 1,1-Dichloroethane
 Concen: 10.103 ppbv
 RT: 4.993 min Scan# 686
 Delta R.T. -0.016 min
 Lab File: VL039019.D
 Acq: 10 May 2022 14:00

Tgt Ion: 63 Resp: 874702
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.2
 100 2.7 1.4 4.2





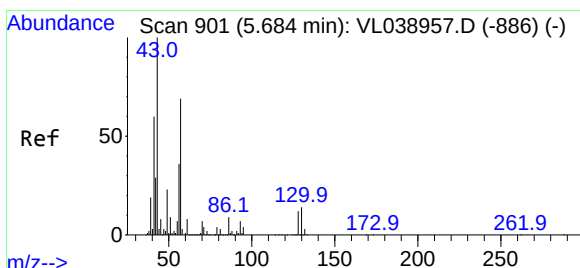
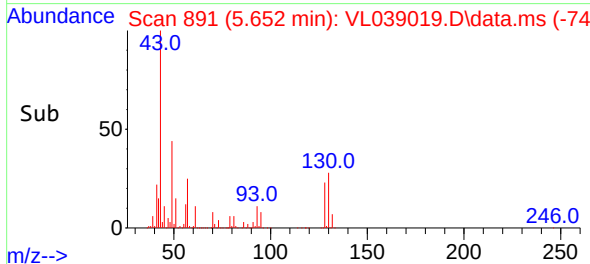
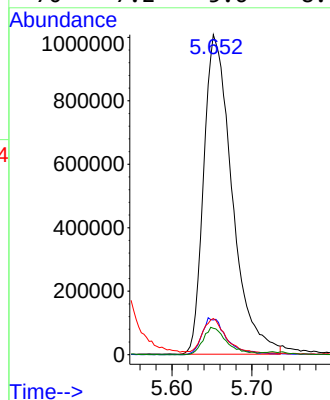
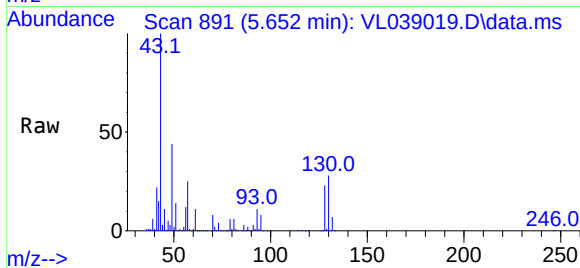
#25
Ethyl Acetate
Concen: 10.921 ppbv
RT: 5.652 min Scan# 891
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 248381
Ion Ratio Lower Upper
43 100
45 10.3 8.1 12.1
61 10.0 7.8 11.6
70 7.2 5.6 8.4

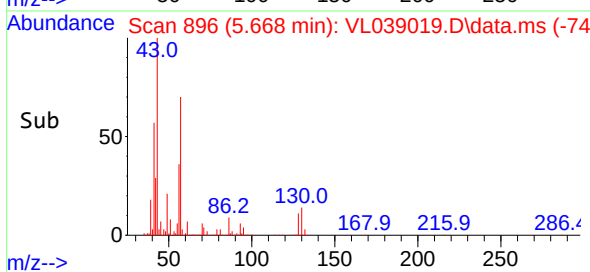
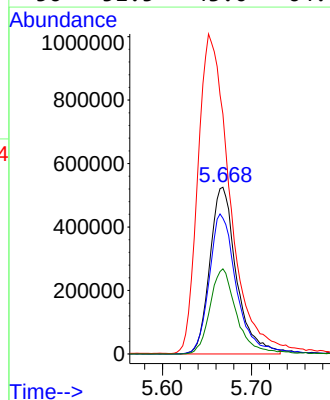
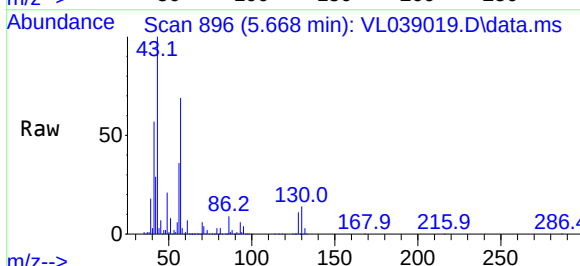
Manual Integrations
APPROVED

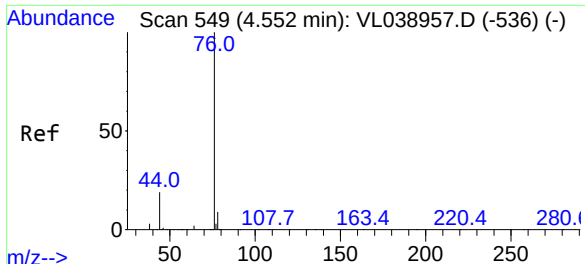
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#26
Hexane
Concen: 10.767 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.016 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

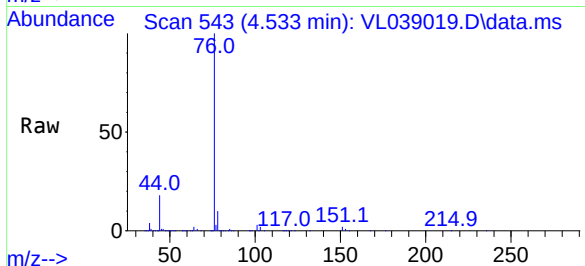
Tgt Ion: 57 Resp: 1088052
Ion Ratio Lower Upper
57 100
41 87.4 75.2 112.8
43 232.9 190.8 286.2
56 51.5 43.0 64.6





#27
Carbon Disulfide
Concen: 10.677 ppbv
RT: 4.533 min Scan# 549
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

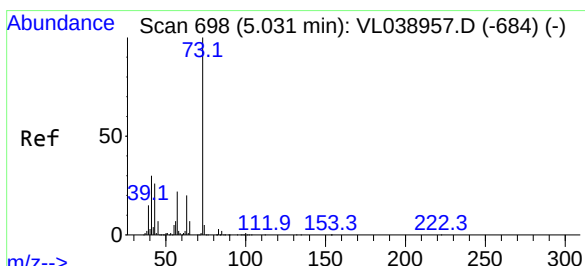
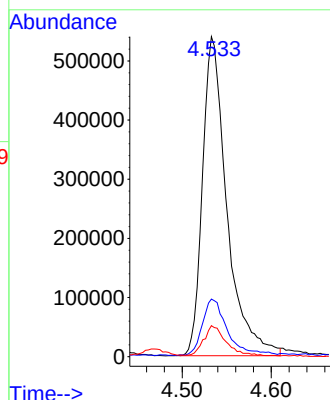
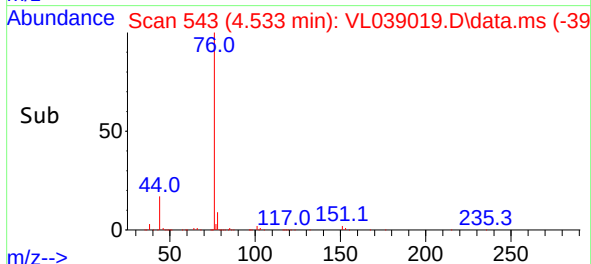
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1024960
Ion Ratio Lower Upper
76 100
44 18.4 15.3 22.9
78 9.6 8.2 12.2

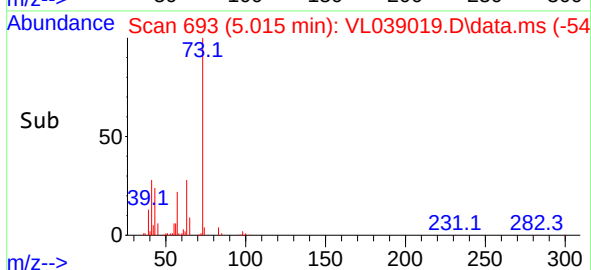
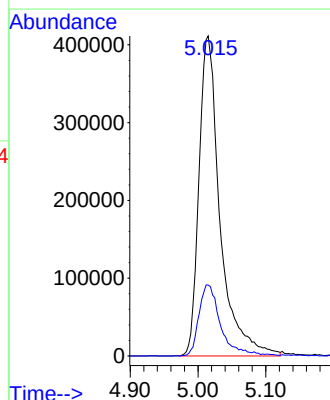
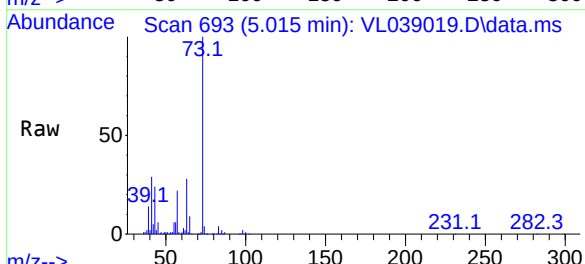
Manual Integrations
APPROVED

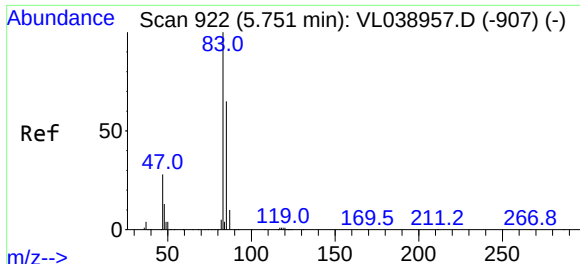
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#28
Methyl tert-Butyl Ether
Concen: 11.536 ppbv
RT: 5.015 min Scan# 693
Delta R.T. -0.016 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 73 Resp: 886914
Ion Ratio Lower Upper
73 100
57 23.4 18.8 28.2





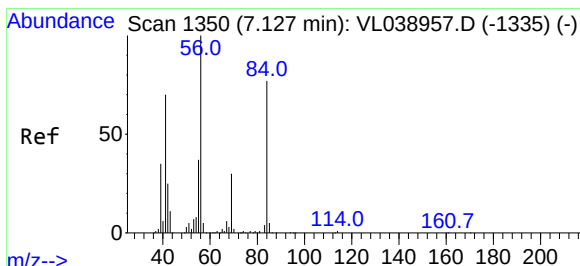
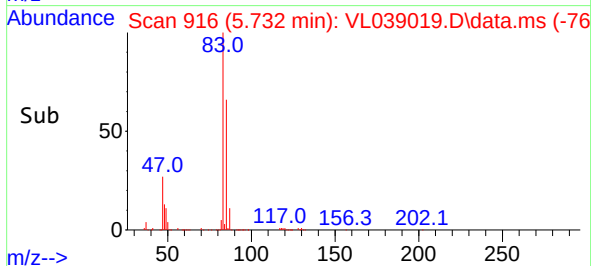
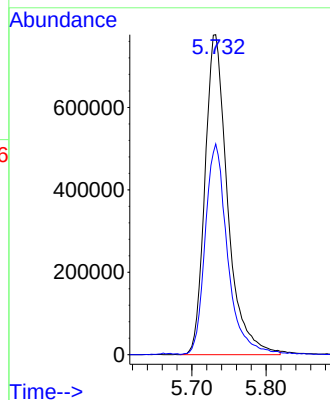
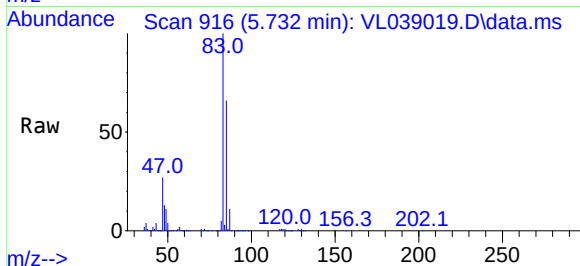
#29
Chloroform
Concen: 10.052 ppbv
RT: 5.732 min Scan# 916
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 164341
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.6

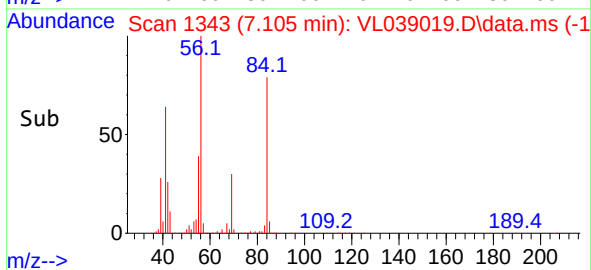
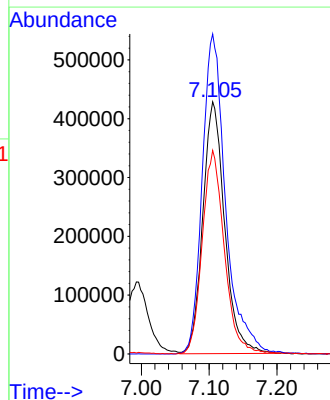
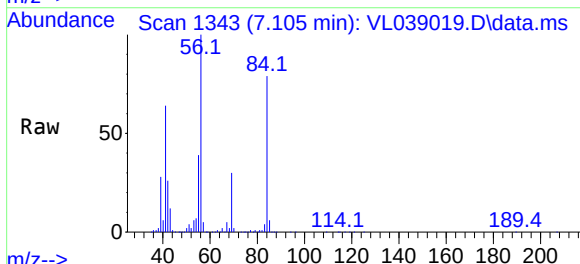
Manual Integrations
APPROVED

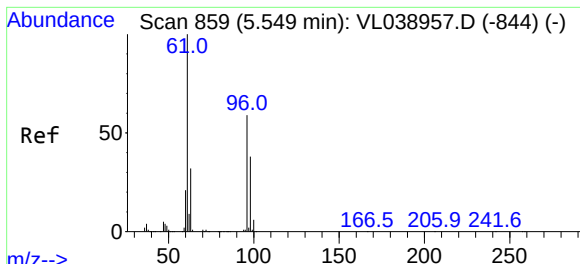
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#30
Cyclohexane
Concen: 11.358 ppbv
RT: 7.105 min Scan# 1343
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

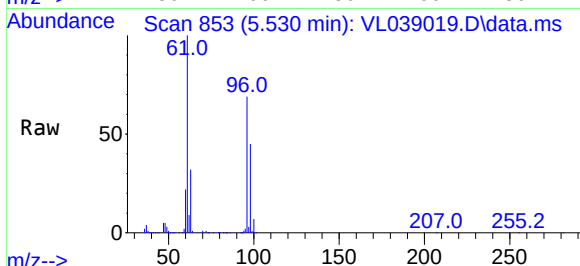
Tgt Ion: 84 Resp: 960936
Ion Ratio Lower Upper
84 100
56 135.9 115.3 172.9
41 81.6 72.0 108.0





#31
 cis-1,2-Dichloroethene
 Concen: 10.487 ppbv
 RT: 5.530 min Scan# 81
 Delta R.T. -0.019 min
 Lab File: VL039019.D
 Acq: 10 May 2022 14:00

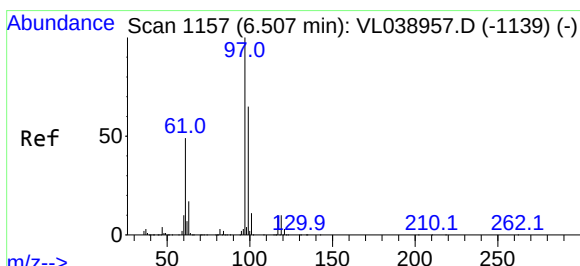
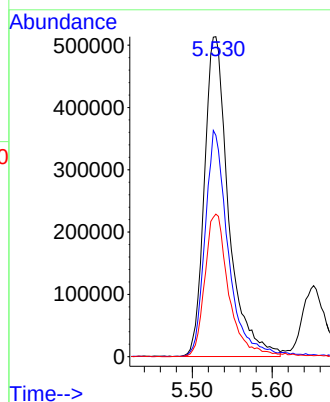
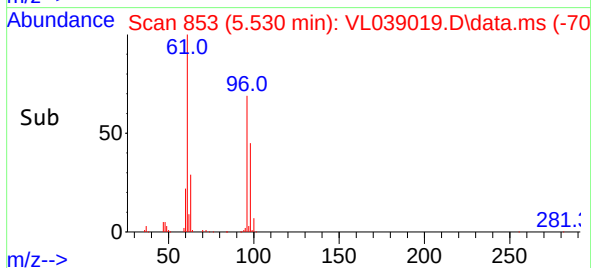
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



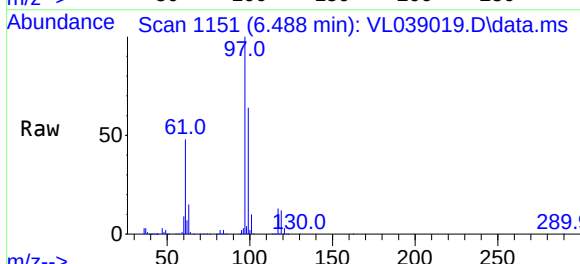
Tgt Ion: 61 Resp: 1079659
 Ion Ratio Lower Upper
 61 100
 96 69.1 47.4 71.0
 98 44.5 30.6 45.8

Manual Integrations
 APPROVED

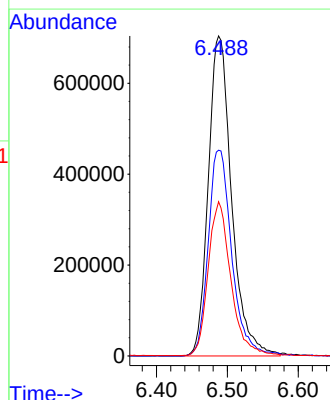
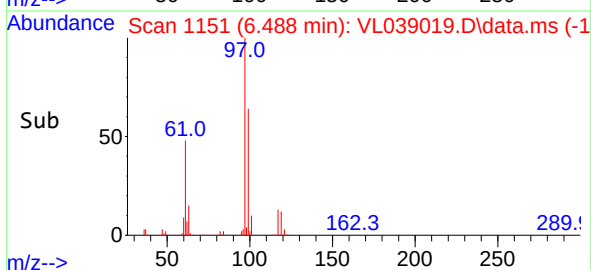
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022

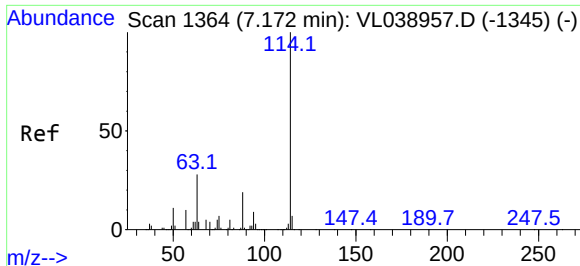


#32
 1,1,1-Trichloroethane
 Concen: 9.852 ppbv
 RT: 6.488 min Scan# 1151
 Delta R.T. -0.019 min
 Lab File: VL039019.D
 Acq: 10 May 2022 14:00



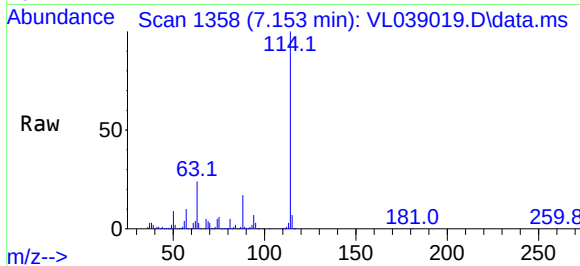
Tgt Ion: 97 Resp: 1610511
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.9 77.9
 61 47.0 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

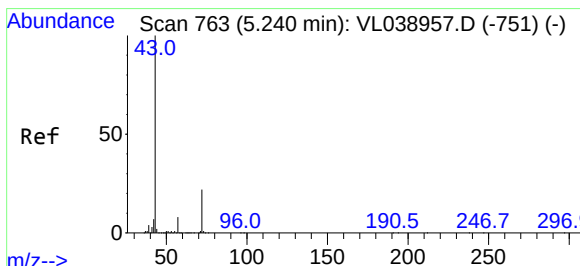
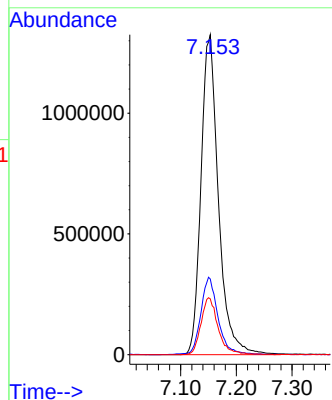
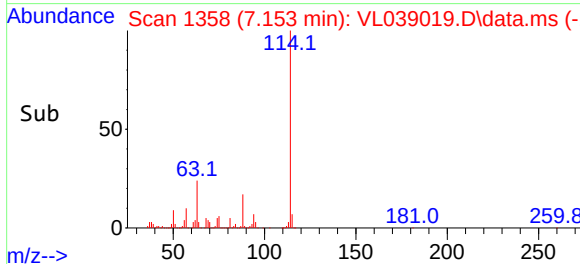
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



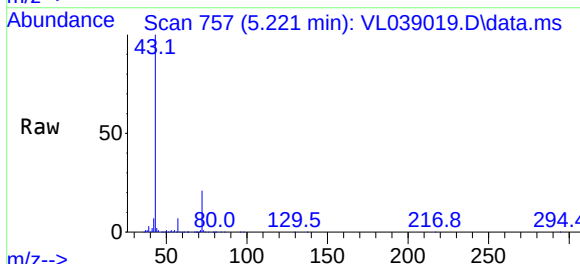
Tgt Ion:114 Resp: 2881504
Ion Ratio Lower Upper
114 100
63 24.1 22.6 33.8
88 17.7 15.4 23.0

Manual Integrations
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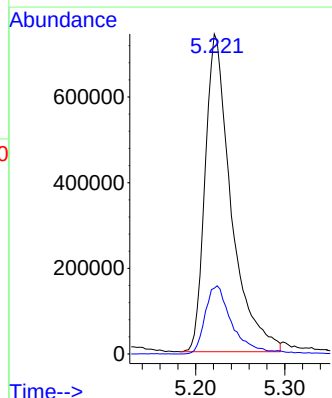
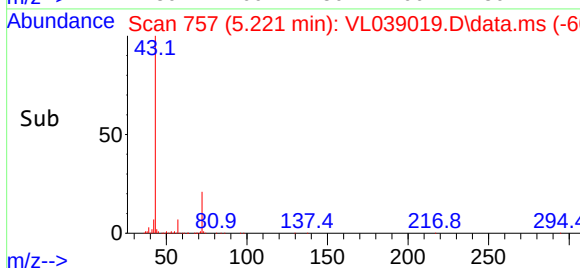
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

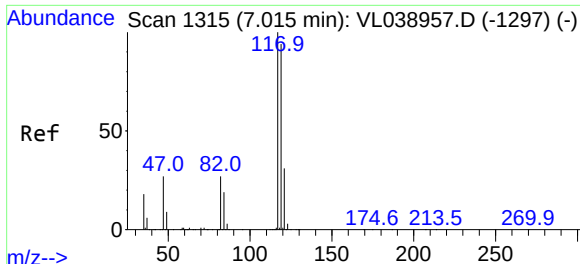


#34
2-Butanone
Concen: 10.231 ppbv
RT: 5.221 min Scan# 757
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



Tgt Ion: 43 Resp: 1503999
Ion Ratio Lower Upper
43 100
72 22.9 17.8 26.6





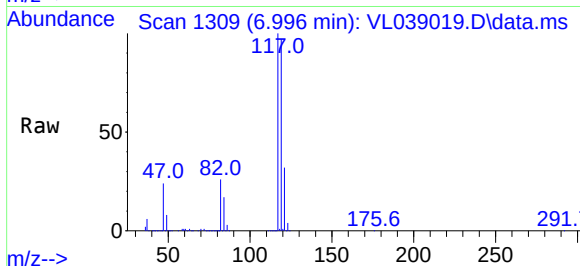
#35
Carbon Tetrachloride
Concen: 8.523 ppbv
RT: 6.996 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

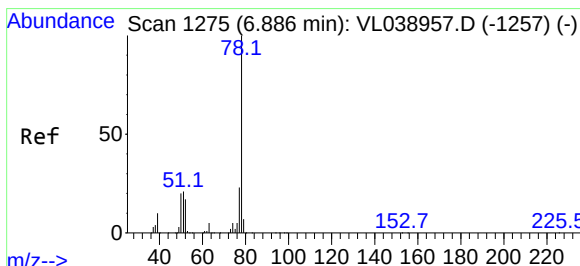
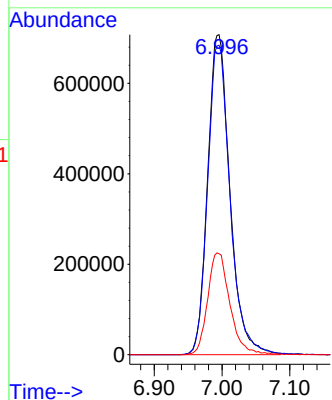
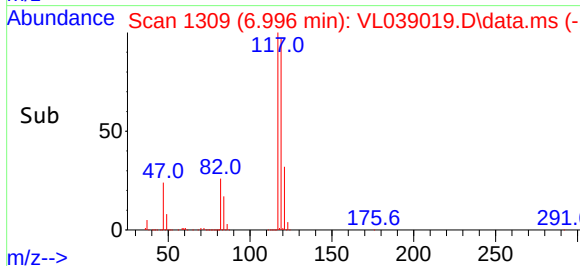


Tgt Ion:117 Resp: 161826
Ion Ratio Lower Upper
117 100
119 96.7 75.2 112.8
121 31.6 24.6 37.0

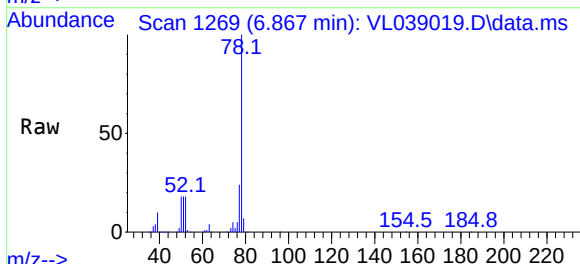
Manual Integrations

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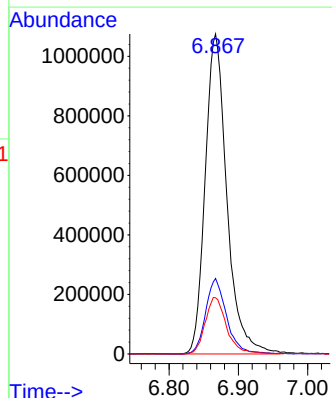
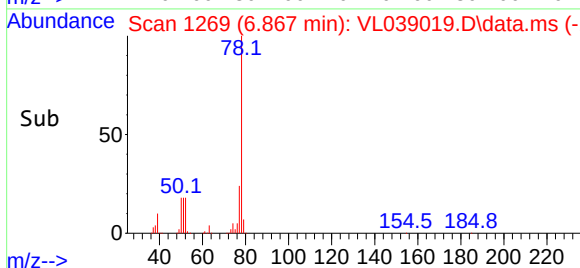
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

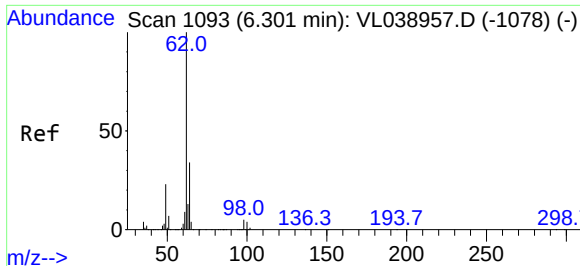


#36
Benzene
Concen: 9.465 ppbv
RT: 6.867 min Scan# 1269
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



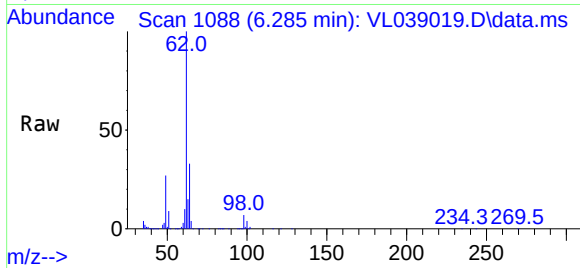
Tgt Ion: 78 Resp: 2333947
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0
50 17.5 15.6 23.4





#37
1,2-Dichloroethane
Concen: 7.716 ppbv
RT: 6.285 min Scan# 1093
Delta R.T. -0.016 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

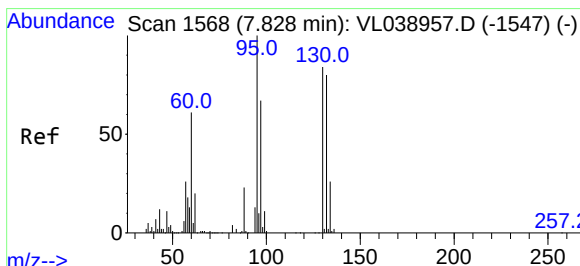
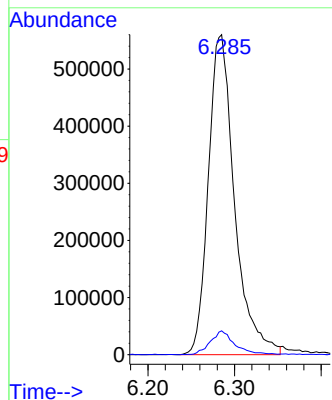
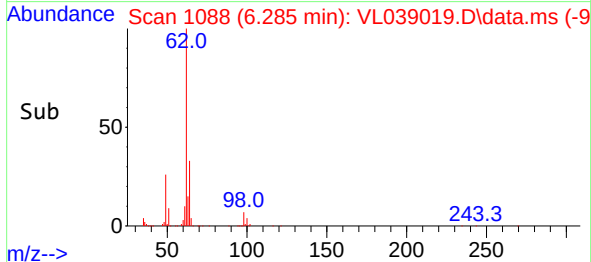
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



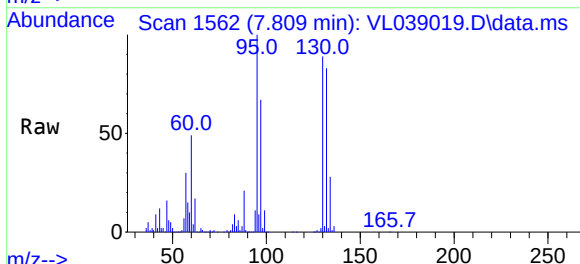
Tgt Ion: 62 Resp: 117729
Ion Ratio Lower Upper
62 100
98 7.1 4.5 6.7

Manual Integrations
APPROVED

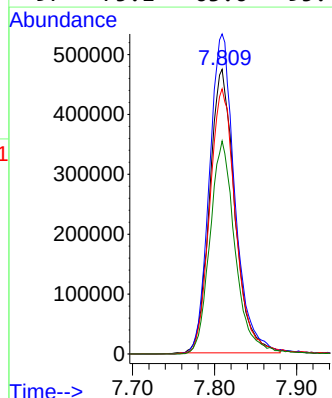
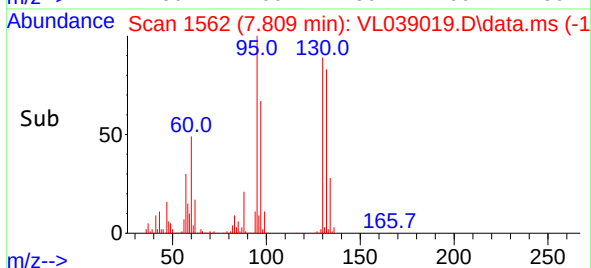
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

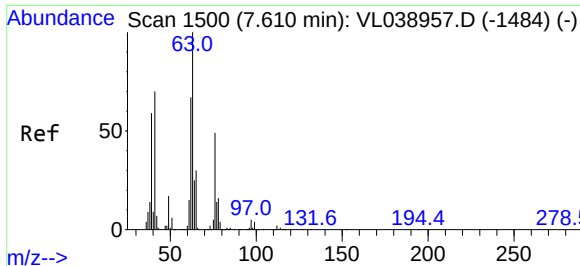


#38
Trichloroethene
Concen: 9.222 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



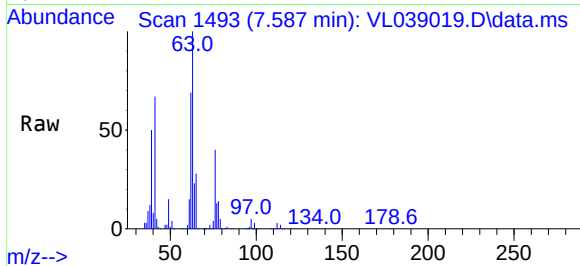
Tgt Ion:130 Resp: 1011000
Ion Ratio Lower Upper
130 100
95 112.8 94.8 142.2
132 93.4 75.8 113.8
97 75.1 63.6 95.4





#39
1,2-Dichloropropane
Concen: 9.326 ppbv
RT: 7.587 min Scan# 14
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

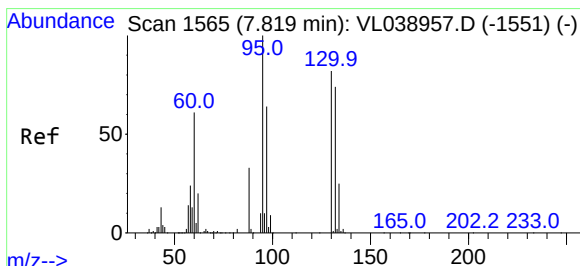
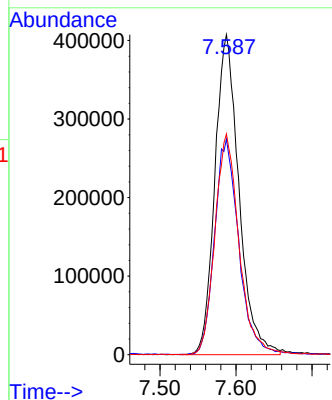
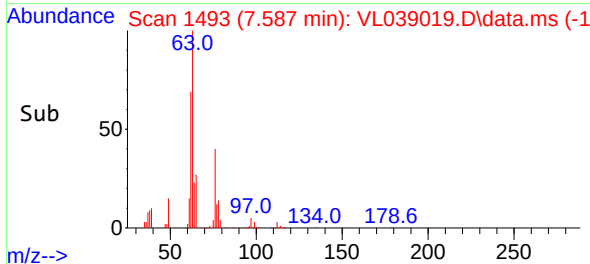
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



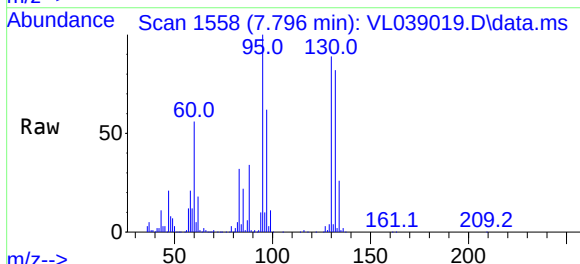
Tgt Ion: 63 Resp: 894868
Ion Ratio Lower Upper
63 100
41 67.2 55.9 83.9
62 68.9 53.8 80.6

Manual Integrations
APPROVED

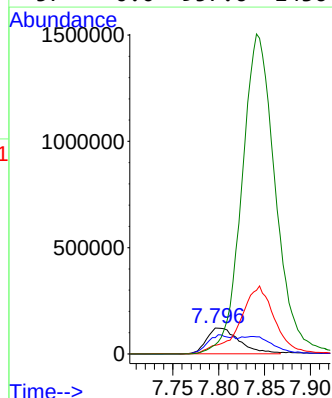
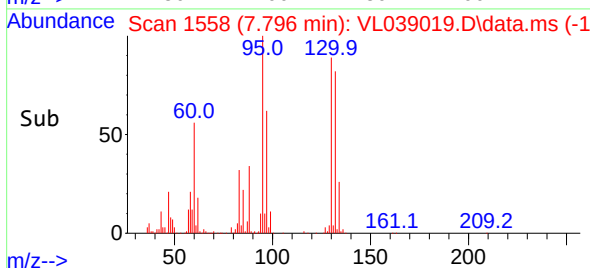
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

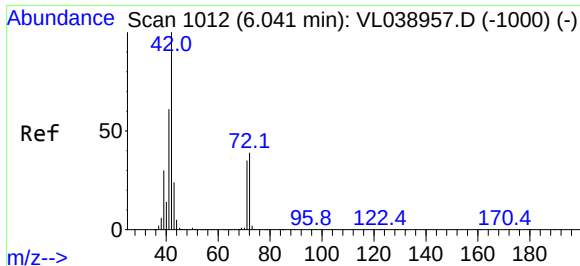


#40
1,4-Dioxane
Concen: 8.773 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



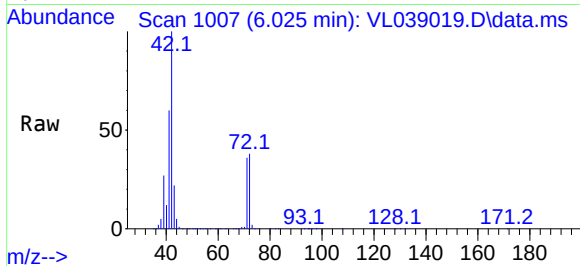
Tgt Ion: 88 Resp: 302332
Ion Ratio Lower Upper
88 100
58 58.6 106.1 159.1#
43 0.0 222.9 334.3#
57 0.0 957.6 1436.4#





#41
Tetrahydrofuran
Concen: 9.693 ppbv
RT: 6.025 min Scan# 1012
Delta R.T. -0.016 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

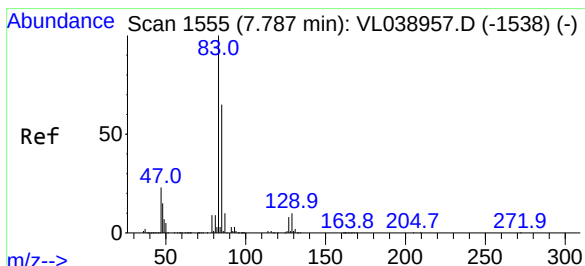
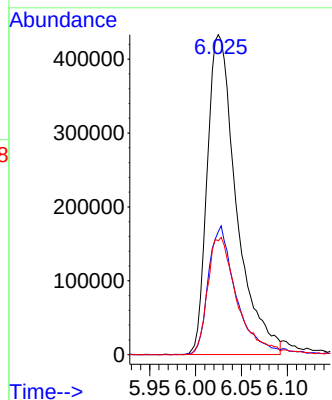
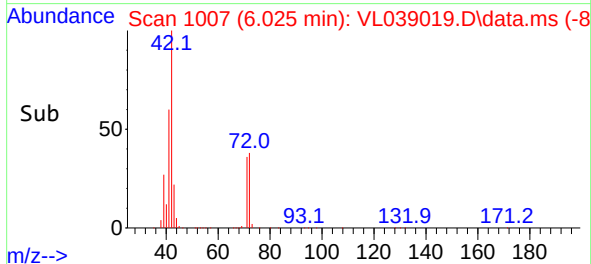
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



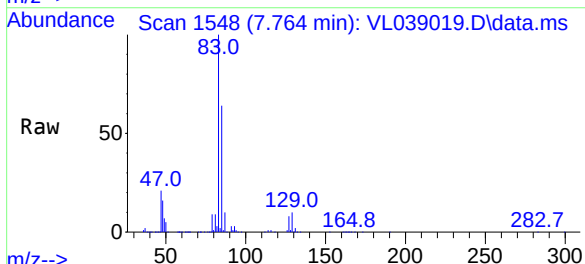
Tgt Ion: 42 Resp: 957642
Ion Ratio Lower Upper
42 100
72 39.7 31.8 47.6
71 38.6 30.6 45.8

Manual Integrations
APPROVED

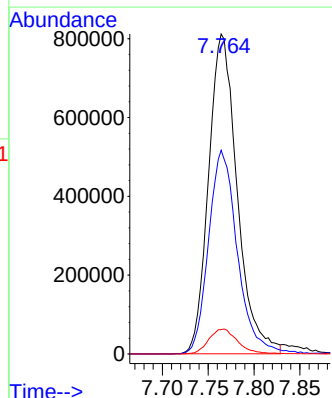
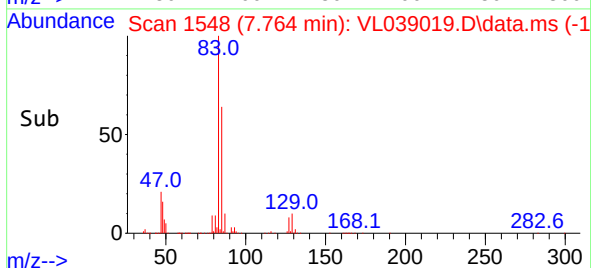
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

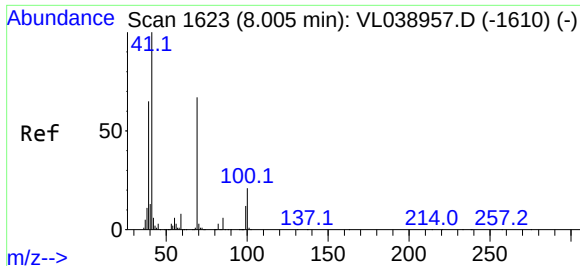


#42
Bromodichloromethane
Concen: 8.440 ppbv
RT: 7.764 min Scan# 1548
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



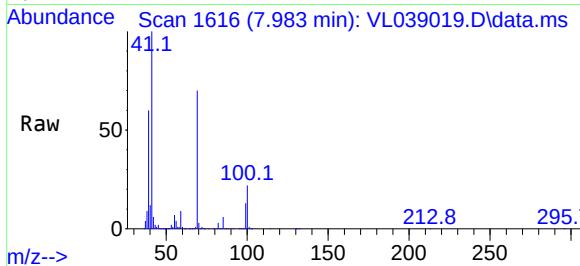
Tgt Ion: 83 Resp: 1760532
Ion Ratio Lower Upper
83 100
85 63.6 52.0 78.0
127 7.6 6.0 9.0





#43
Methyl Methacrylate
Concen: 9.637 ppbv
RT: 7.983 min Scan# 1616
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

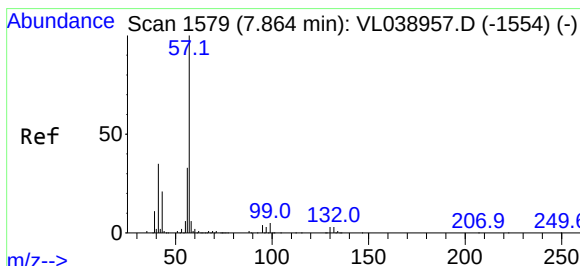
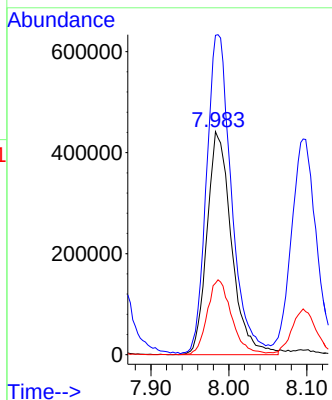
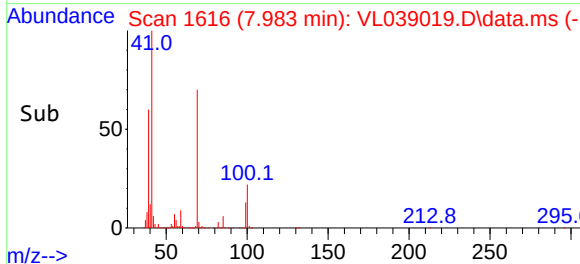
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



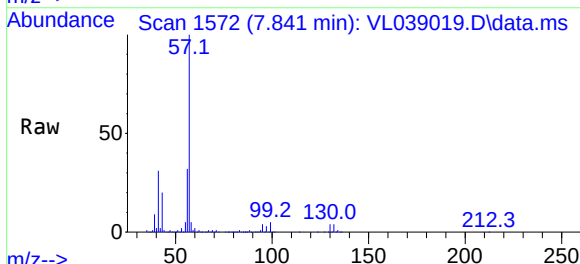
Tgt Ion: 69 Resp: 96474
Ion Ratio Lower Upper
69 100
41 145.8 121.9 182.9
100 33.6 24.6 36.8

Manual Integrations
APPROVED

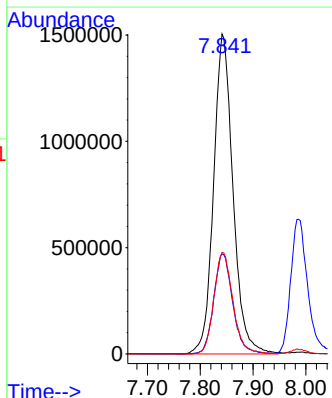
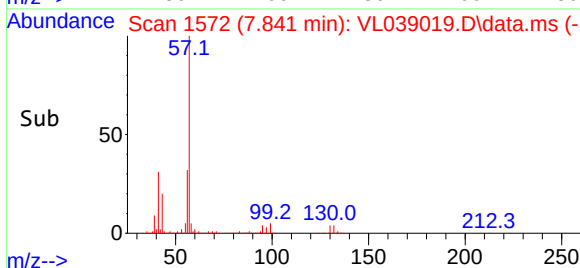
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

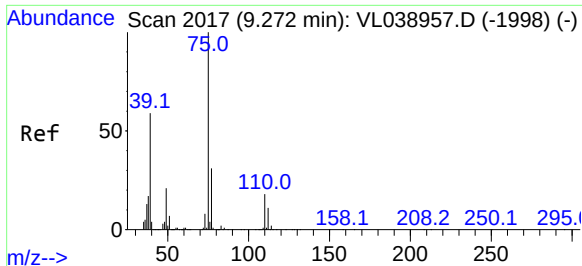


#44
2,2,4-Trimethylpentane
Concen: 8.872 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



Tgt Ion: 57 Resp: 3838755
Ion Ratio Lower Upper
57 100
41 30.5 26.3 39.5
56 31.2 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 10.381 ppbv
RT: 9.246 min Scan# 2017
Delta R.T. -0.026 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Instrument :

MSVOA_L

ClientSampleId :

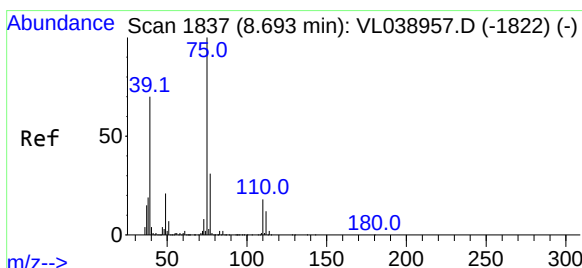
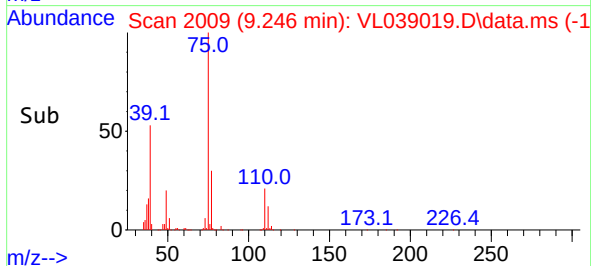
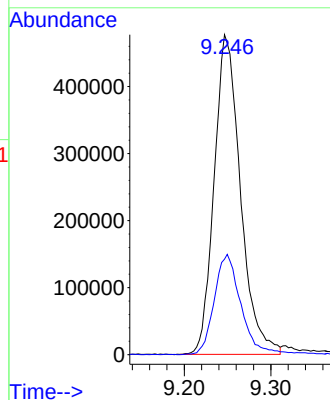
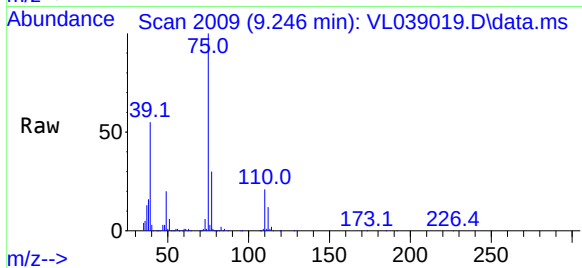
VSTDCCC010EC

Tgt Ion: 75 Resp: 1005940
Ion Ratio Lower Upper
75 100
77 29.8 24.6 37.0

Manual Integrations

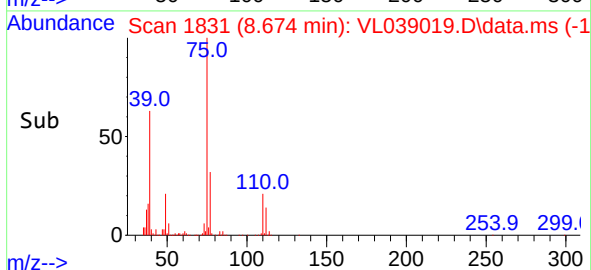
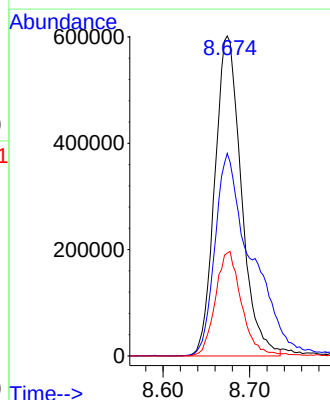
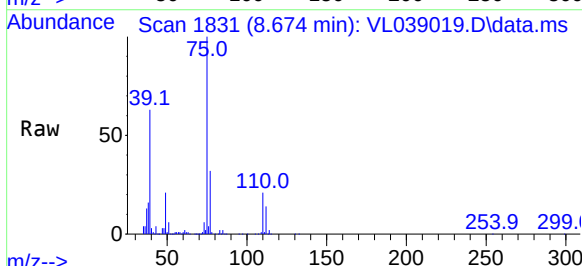
APPROVED

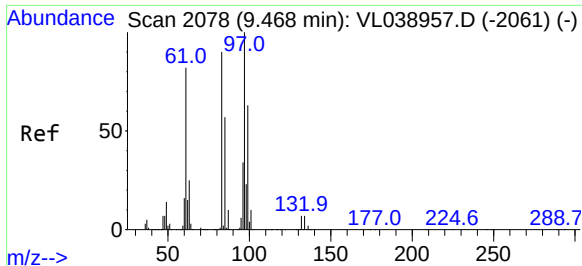
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#46
cis-1,3-Dichloropropene
Concen: 9.961 ppbv
RT: 8.674 min Scan# 1831
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 75 Resp: 1280093
Ion Ratio Lower Upper
75 100
39 63.2 55.8 83.6
77 32.1 24.8 37.2





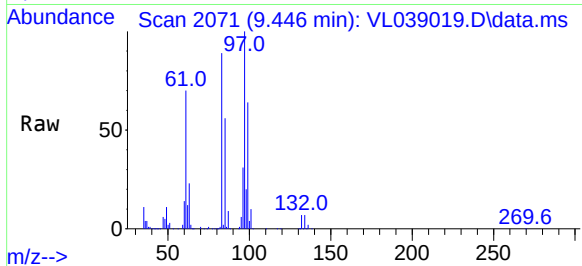
#47
1,1,2-Trichloroethane
Concen: 9.315 ppbv
RT: 9.446 min Scan# 2078
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

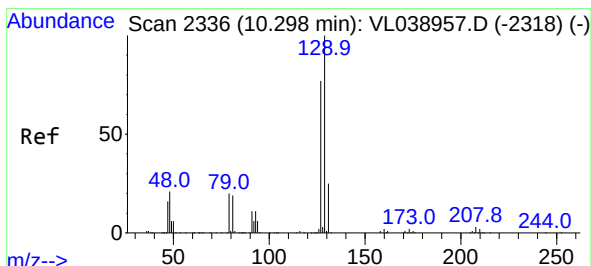
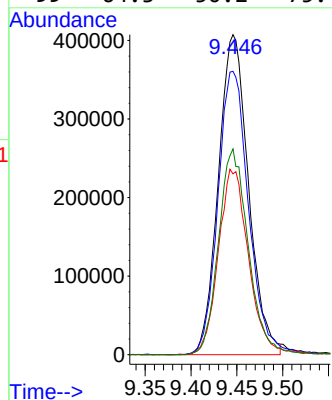
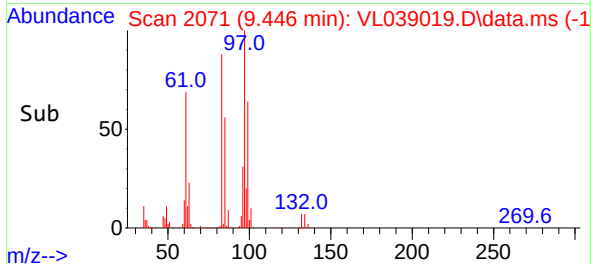


Tgt Ion: 97 Resp: 92958
Ion Ratio Lower Upper
97 100
83 88.5 72.0 108.0
85 56.3 45.7 68.5
99 64.3 50.2 75.4

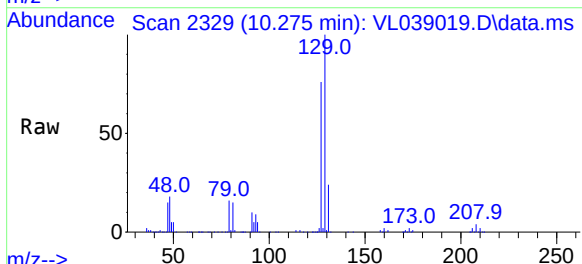
Manual Integrations

APPROVED

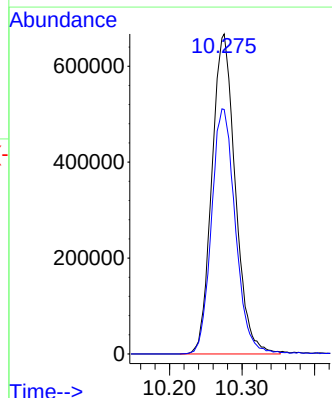
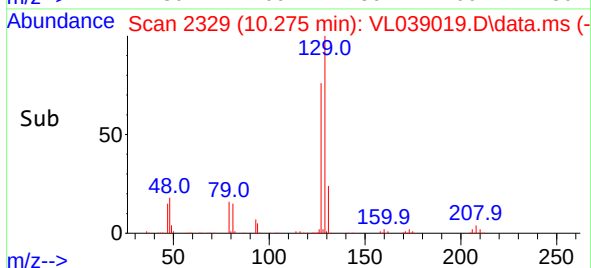
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

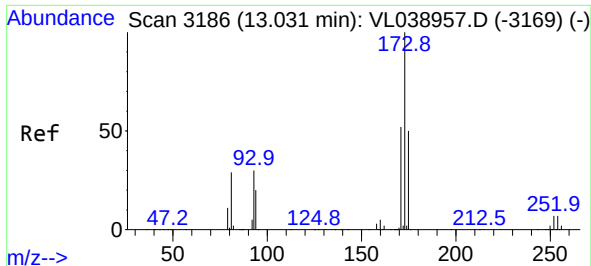


#48
Dibromochloromethane
Concen: 9.229 ppbv
RT: 10.275 min Scan# 2329
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



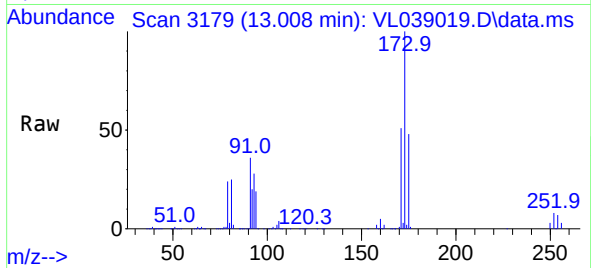
Tgt Ion:129 Resp: 1498985
Ion Ratio Lower Upper
129 100
127 78.0 39.3 117.9





#49
Bromoform
Concen: 9.421 ppbv
RT: 13.008 min Scan# 3186
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

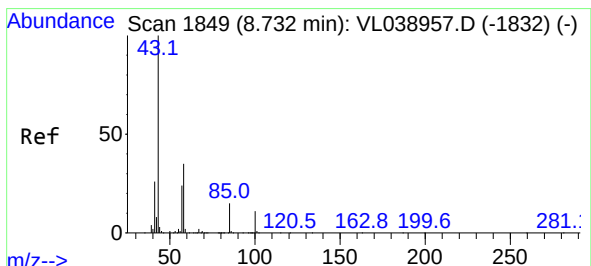
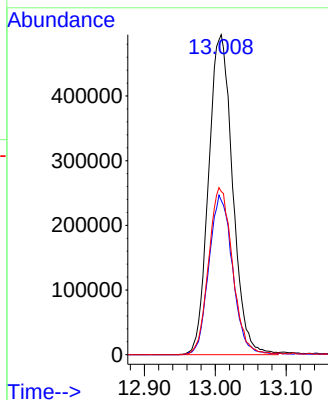
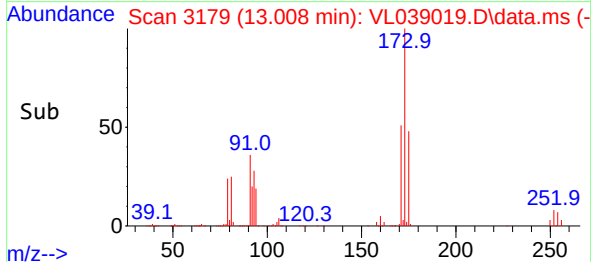
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 1166998
Ion Ratio Lower Upper
173 100
175 49.1 41.0 61.6
171 52.2 42.6 64.0

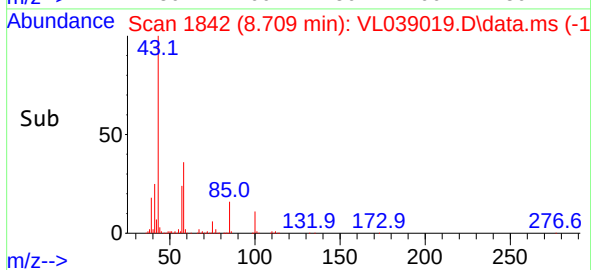
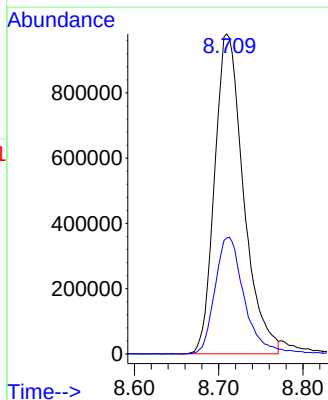
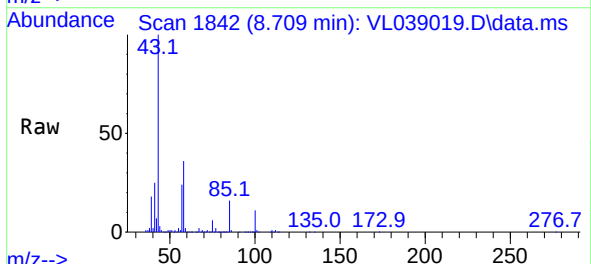
Manual Integrations
APPROVED

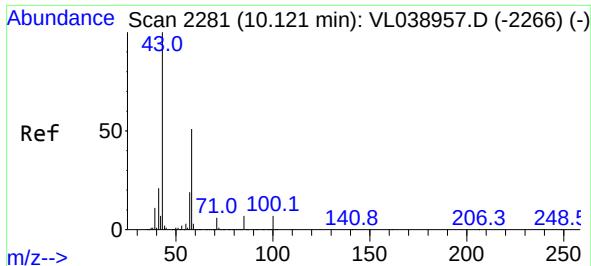
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#50
4-Methyl-2-Pentanone
Concen: 9.049 ppbv
RT: 8.709 min Scan# 1842
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

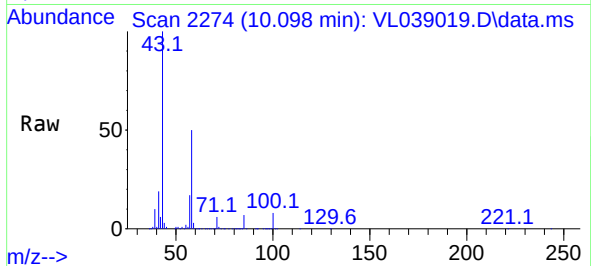
Tgt Ion: 43 Resp: 2332599
Ion Ratio Lower Upper
43 100
58 37.6 28.4 42.6





#51
2-Hexanone
Concen: 9.978 ppbv
RT: 10.098 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

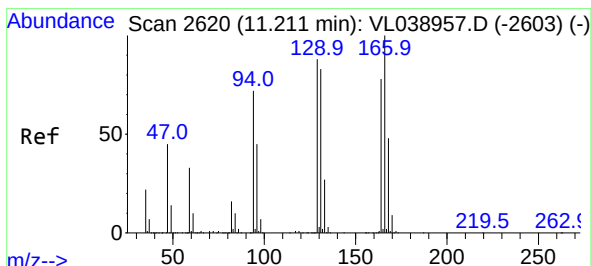
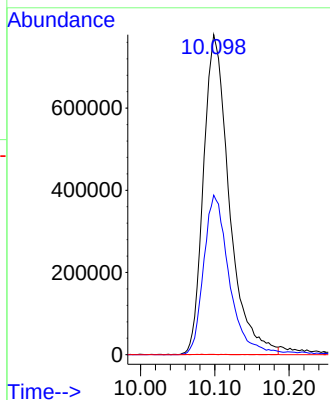
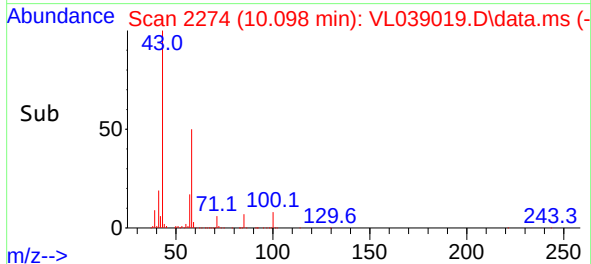
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



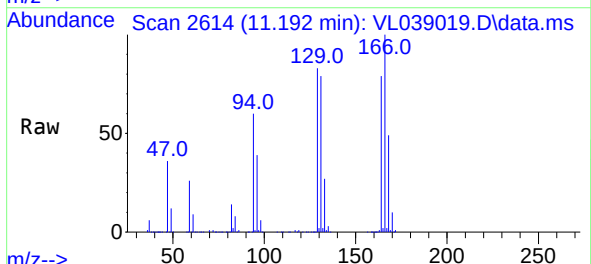
Tgt Ion: 43 Resp: 1877190
Ion Ratio Lower Upper
43 100
58 50.5 39.3 58.9
98 0.0 0.2 0.2

Manual Integrations
APPROVED

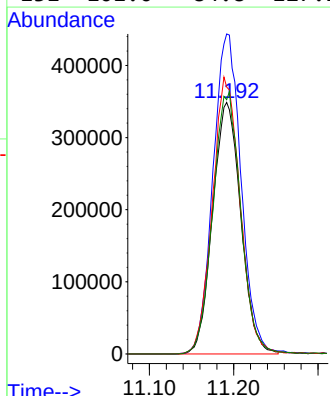
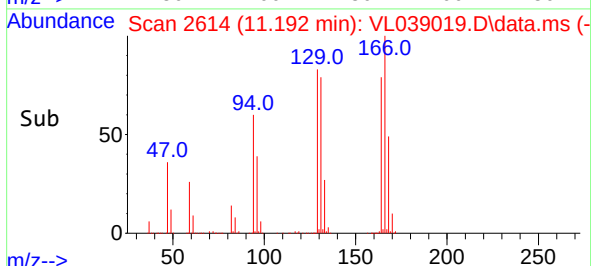
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

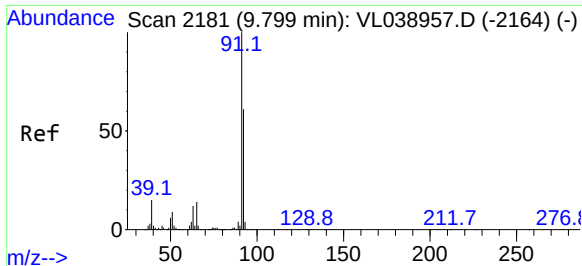


#52
Tetrachloroethene
Concen: 9.168 ppbv
RT: 11.192 min Scan# 2614
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



Tgt Ion:164 Resp: 807854
Ion Ratio Lower Upper
164 100
166 127.2 102.5 153.7
129 106.1 90.1 135.1
131 101.0 84.8 127.2





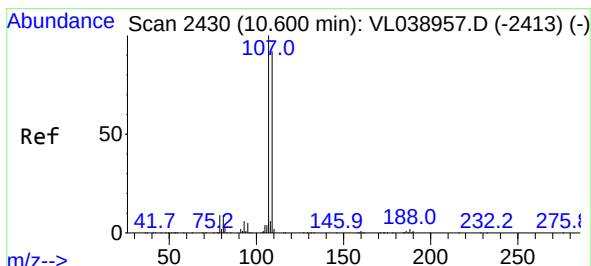
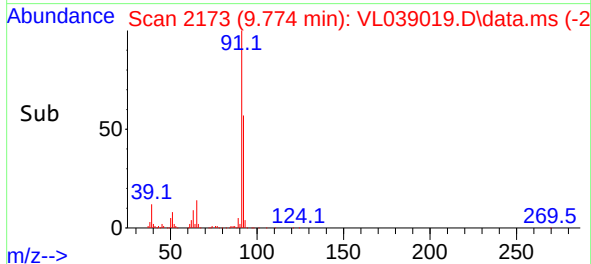
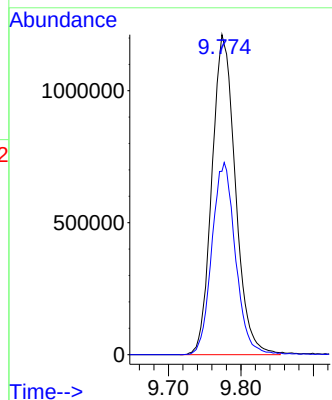
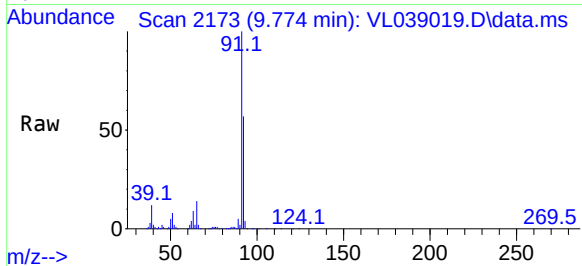
#53
Toluene
Concen: 9.865 ppbv
RT: 9.774 min Scan# 2181
Delta R.T. -0.026 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2726504
Ion Ratio Lower Upper
91 100
92 60.6 48.2 72.2

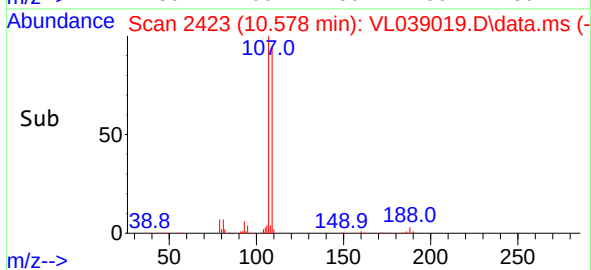
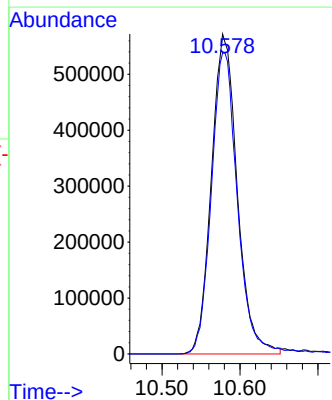
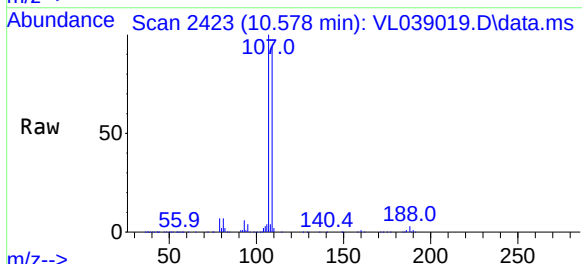
Manual Integrations
APPROVED

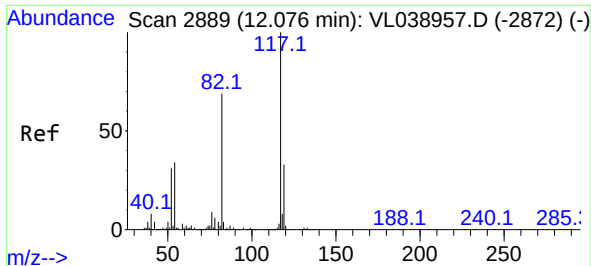
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#54
1,2-Dibromoethane
Concen: 9.718 ppbv
RT: 10.578 min Scan# 2423
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

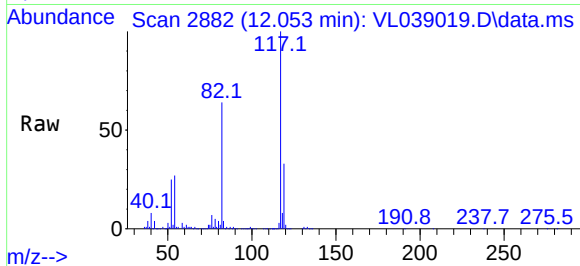
Tgt Ion:107 Resp: 1320218
Ion Ratio Lower Upper
107 100
109 94.0 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.053 min Scan# 2882
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

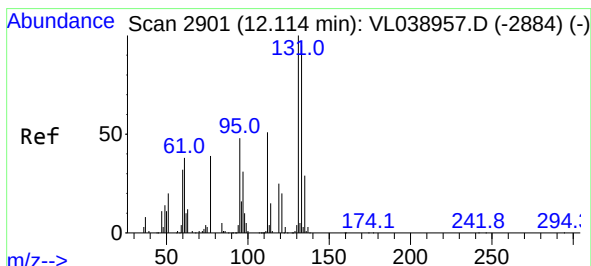
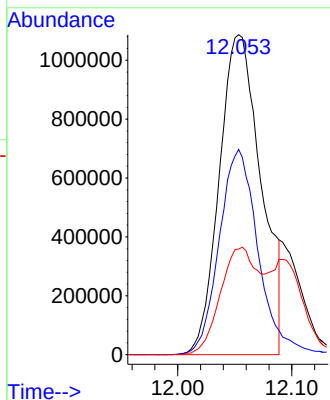
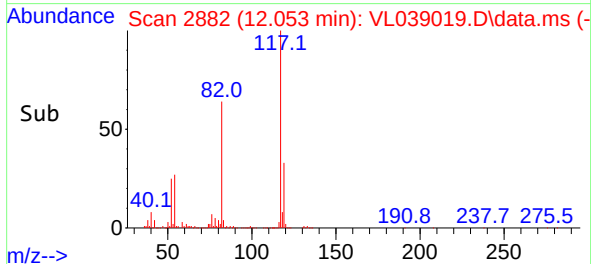
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



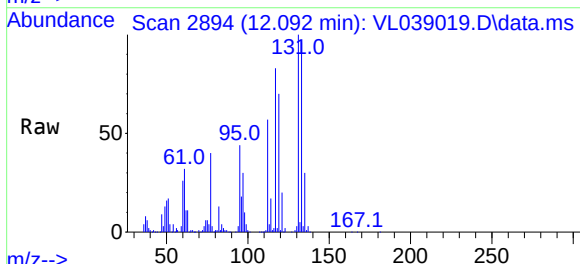
Tgt Ion:117 Resp: 277032
Ion Ratio Lower Upper
117 100
82 60.7 57.0 85.6
119 31.1 27.2 40.8

Manual Integrations
APPROVED

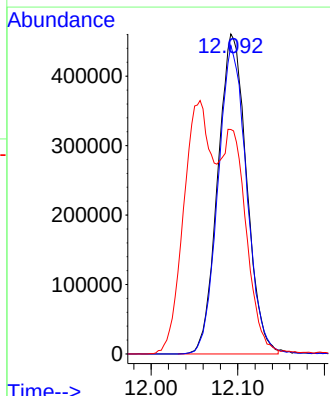
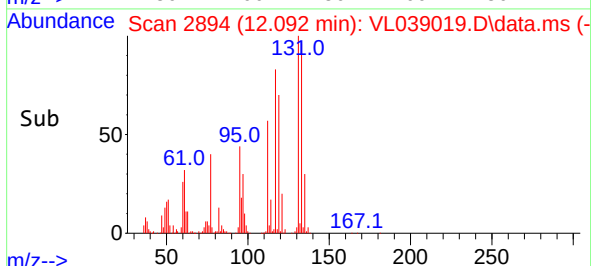
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

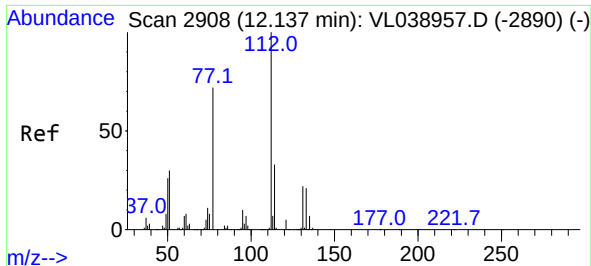


#56
1,1,1,2-Tetrachloroethane
Concen: 8.741 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



Tgt Ion:131 Resp: 1062467
Ion Ratio Lower Upper
131 100
133 95.9 76.9 115.3
119 62.9 47.4 71.0





#57

Chlorobenzene

Concen: 9.327 ppbv

RT: 12.114 min Scan# 2901

Delta R.T. -0.022 min

Lab File: VL039019.D

Acq: 10 May 2022 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 1936810

Ion Ratio Lower Upper

112 100

77 65.6 57.7 86.5

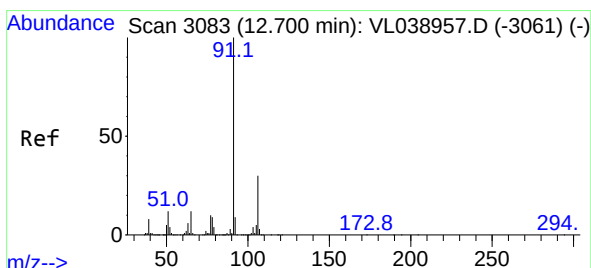
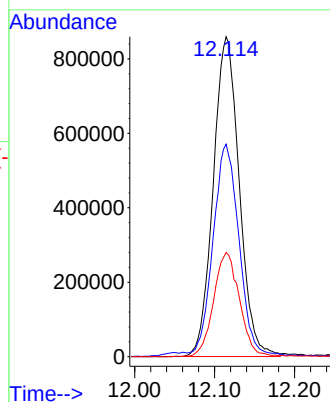
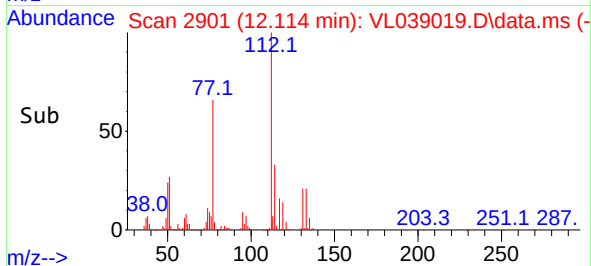
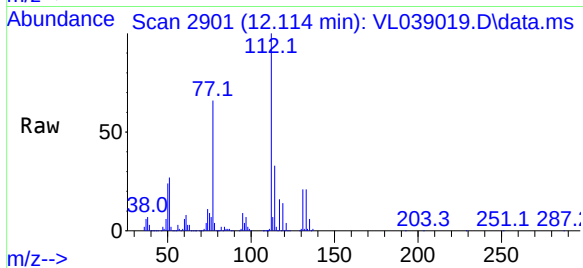
114 32.5 30.1 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#58

Ethyl Benzene

Concen: 9.028 ppbv

RT: 12.677 min Scan# 3076

Delta R.T. -0.022 min

Lab File: VL039019.D

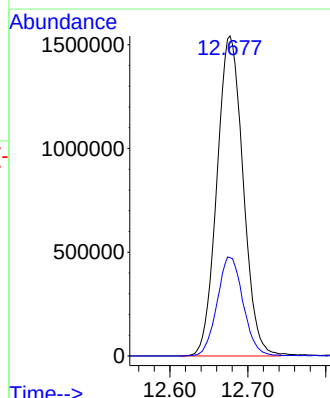
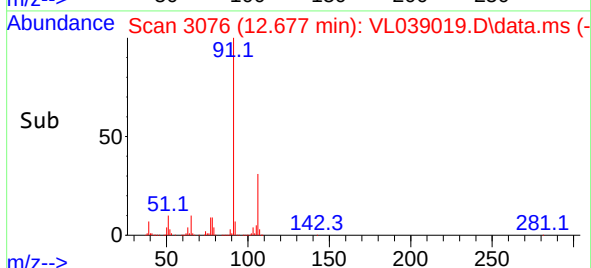
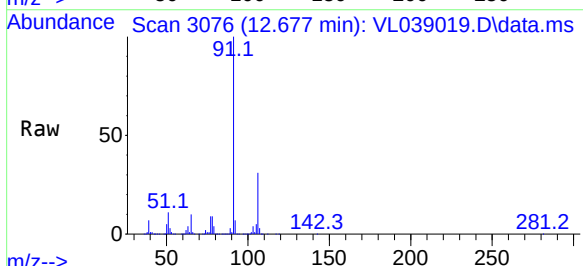
Acq: 10 May 2022 14:00

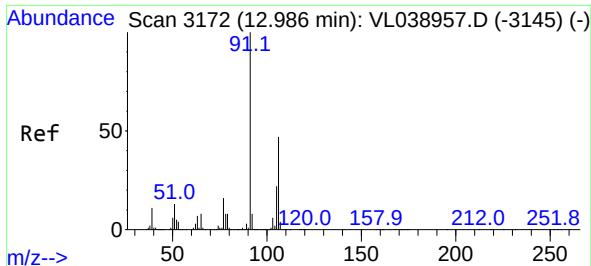
Tgt Ion: 91 Resp: 3599131

Ion Ratio Lower Upper

91 100

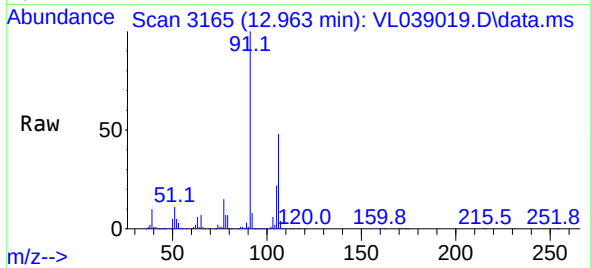
106 30.7 24.2 36.4





#59
m/p-Xylene
Concen: 17.232 ppbv m
RT: 12.963 min Scan# 3172
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

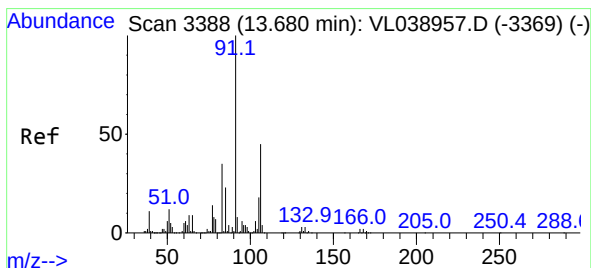
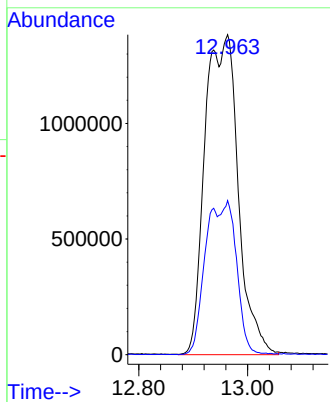
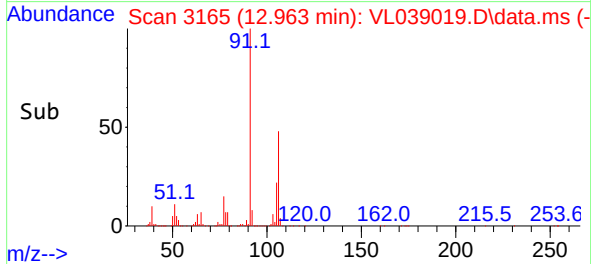
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



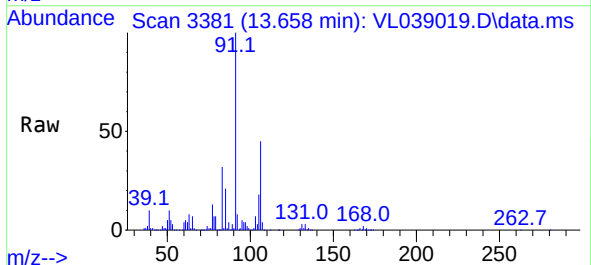
Tgt Ion: 91 Resp: 586488
Ion Ratio Lower Upper
91 100
106 44.7 34.6 52.0

Manual Integrations
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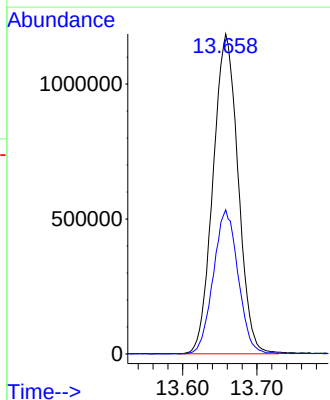
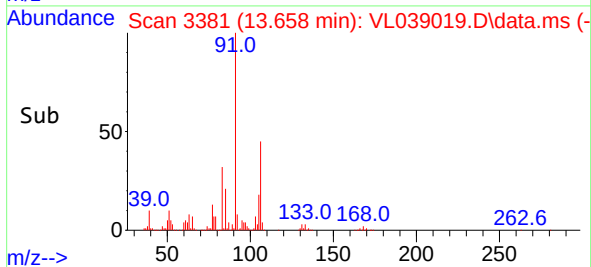
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

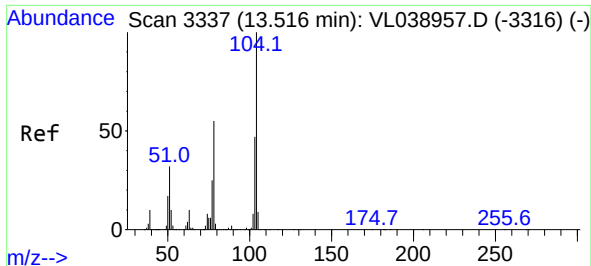


#60
o-Xylene
Concen: 8.667 ppbv
RT: 13.658 min Scan# 3381
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



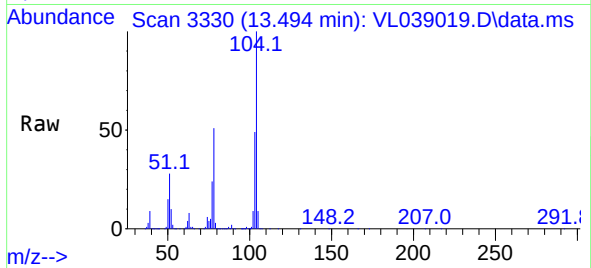
Tgt Ion: 91 Resp: 2776447
Ion Ratio Lower Upper
91 100
106 45.0 22.2 66.6





#61
Styrene
Concen: 10.236 ppbv
RT: 13.494 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

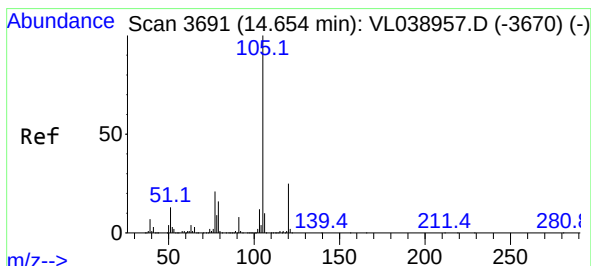
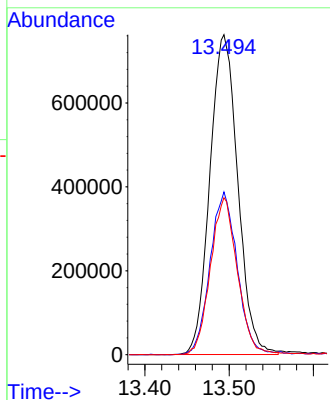
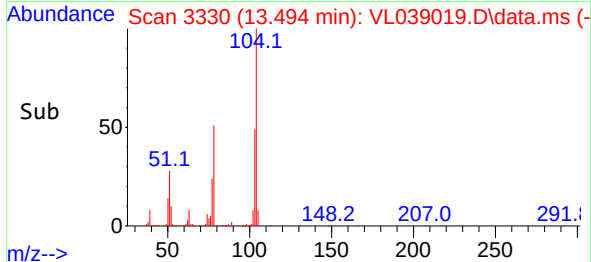
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



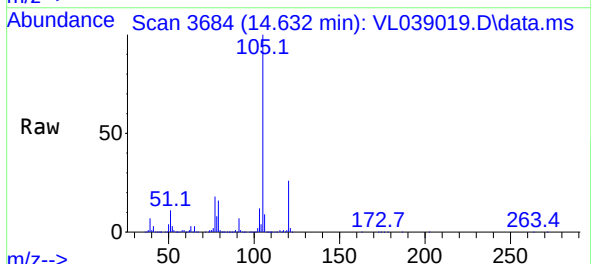
Tgt Ion:104 Resp: 1750479
Ion Ratio Lower Upper
104 100
78 50.0 46.4 69.6
103 47.7 39.3 58.9

Manual Integrations
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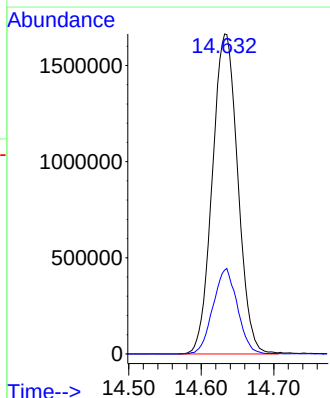
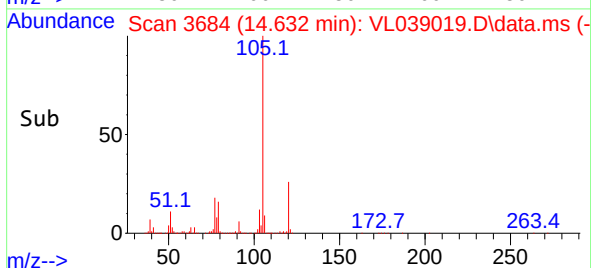
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

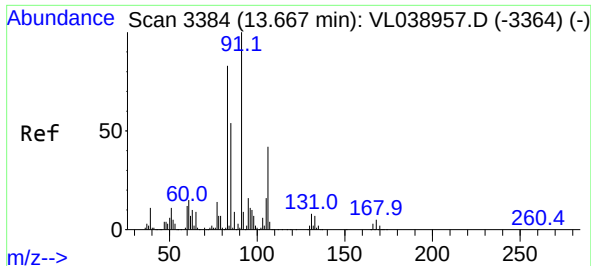


#62
Isopropylbenzene
Concen: 8.659 ppbv
RT: 14.632 min Scan# 3684
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



Tgt Ion:105 Resp: 4056470
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7





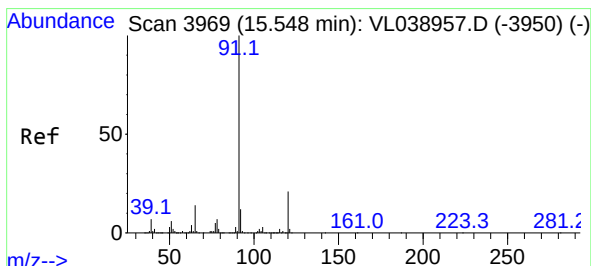
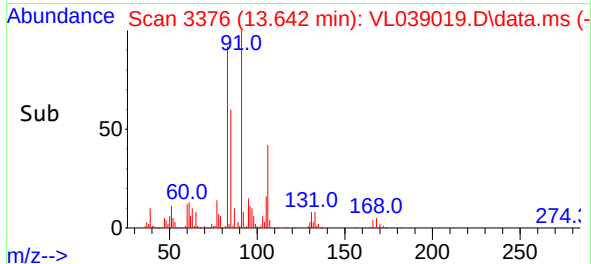
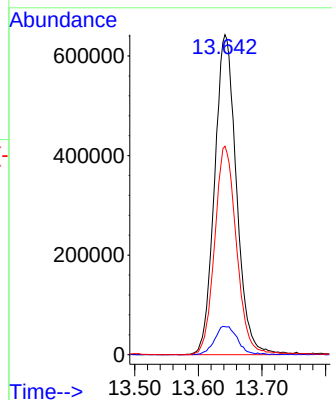
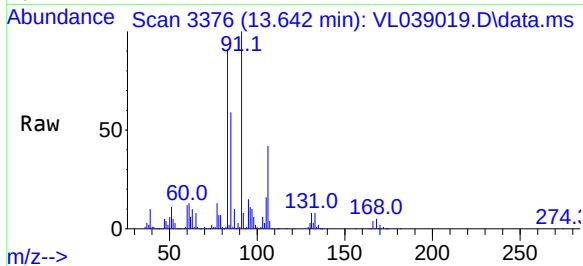
#63
1,1,2,2-Tetrachloroethane
Concen: 8.125 ppbv
RT: 13.642 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1532654
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 65.6 32.8 98.3

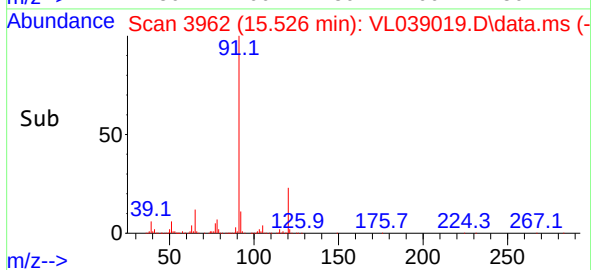
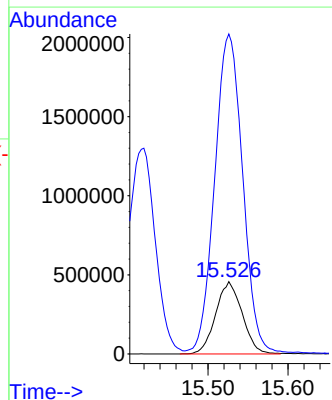
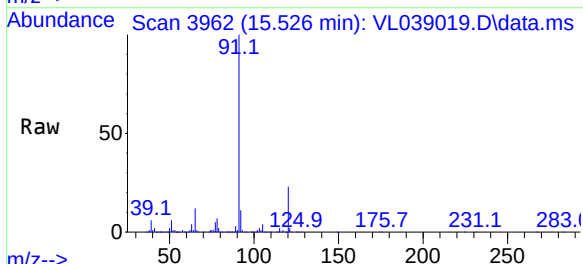
Manual Integrations
APPROVED

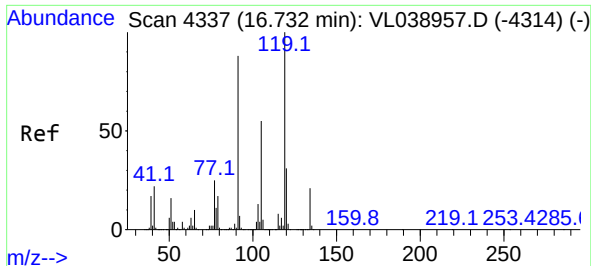
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#64
n-propylbenzene
Concen: 9.273 ppbv
RT: 15.526 min Scan# 3962
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

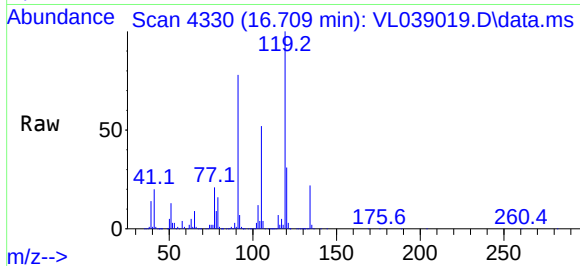
Tgt Ion:120 Resp: 1050222
Ion Ratio Lower Upper
120 100
91 469.3 400.6 601.0





#65
tert-Butylbenzene
Concen: 8.408 ppbv
RT: 16.709 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

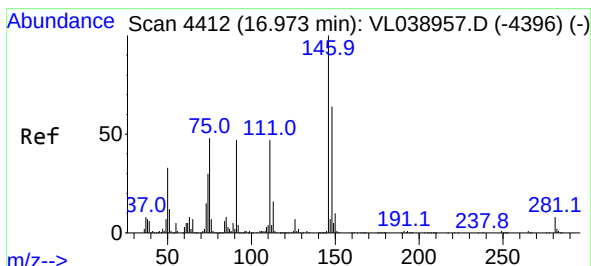
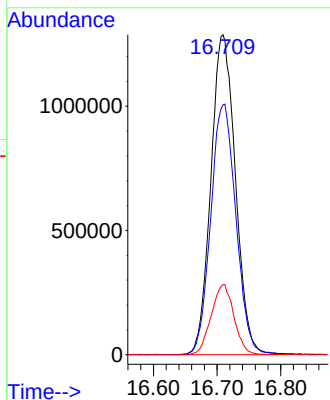
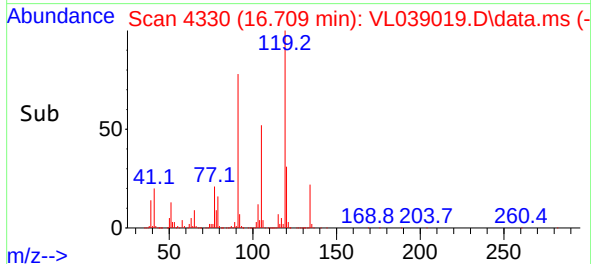
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



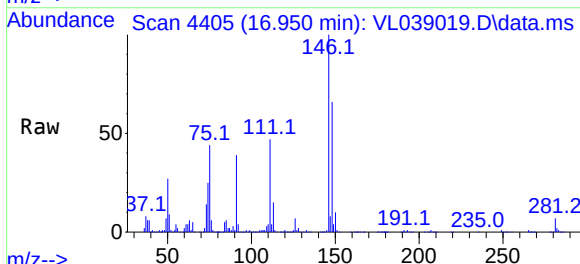
Tgt Ion: 119 Resp: 3451228
Ion Ratio Lower Upper
119 100
91 80.4 69.4 104.2
134 20.4 15.8 23.8

Manual Integrations
APPROVED

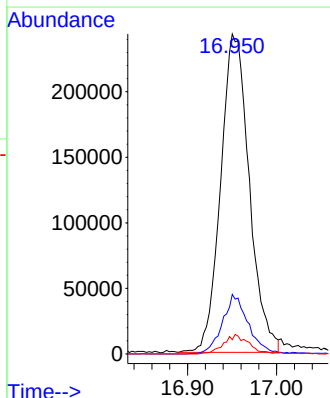
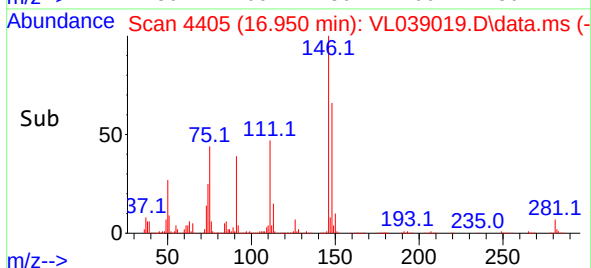
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

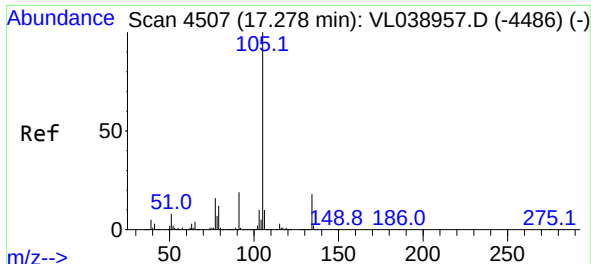


#66
Benzyl Chloride
Concen: 10.091 ppbv
RT: 16.950 min Scan# 4405
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



Tgt Ion: 91 Resp: 541393
Ion Ratio Lower Upper
91 100
126 17.2 11.8 17.6
128 5.6 4.2 6.2





#67

sec-Butylbenzene

Concen: 8.604 ppbv

RT: 17.259 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL039019.D

Acq: 10 May 2022 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 504528

Ion Ratio Lower Upper

105 100

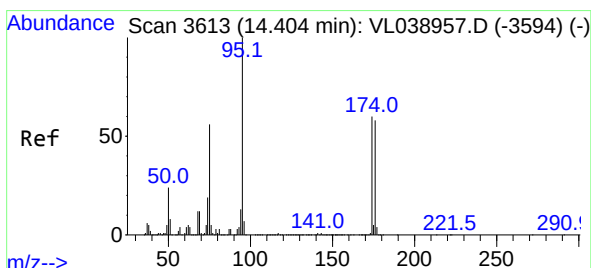
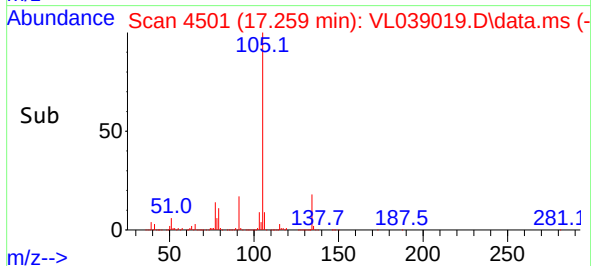
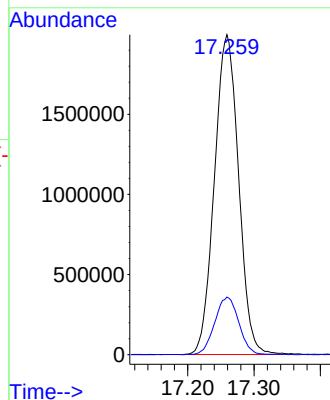
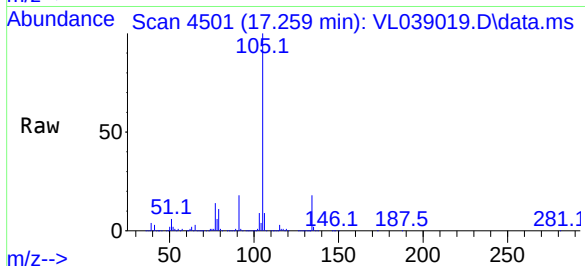
134 18.0 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.020 ppbv

RT: 14.381 min Scan# 3606

Delta R.T. -0.022 min

Lab File: VL039019.D

Acq: 10 May 2022 14:00

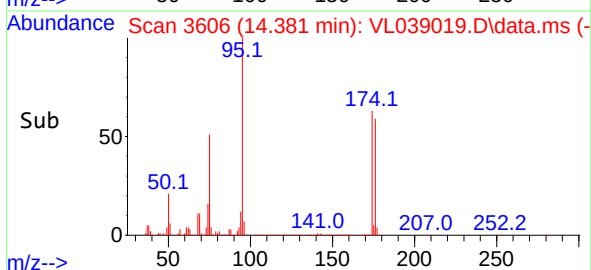
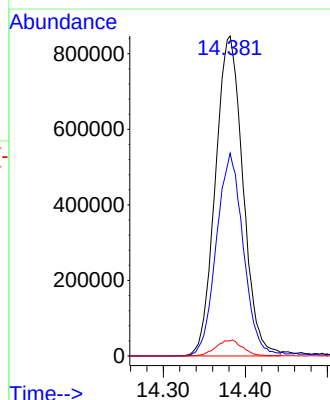
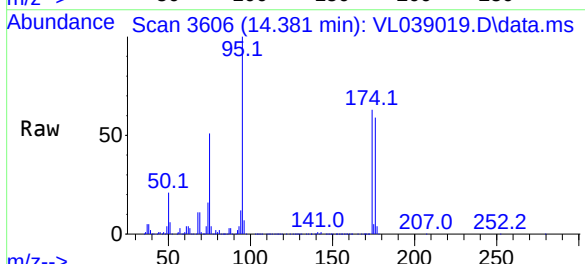
Tgt Ion: 95 Resp: 1979005

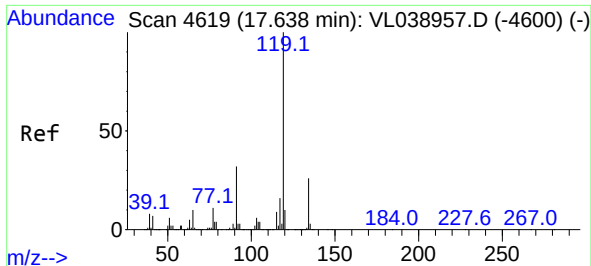
Ion Ratio Lower Upper

95 100

174 63.1 50.8 76.2

175 4.9 3.8 5.6





#69
p-Isopropyltoluene
Concen: 8.915 ppbv
RT: 17.616 min Scan# 4119
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Instrument :

MSVOA_L

ClientSampleId :

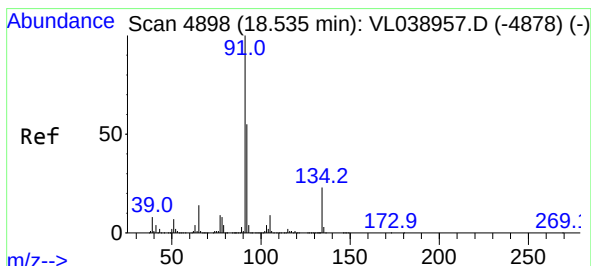
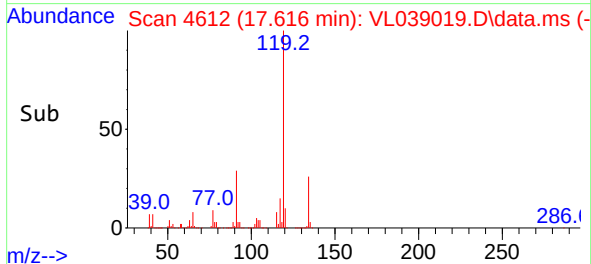
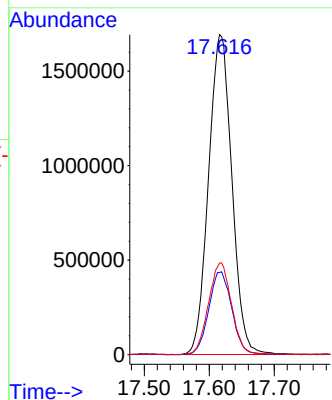
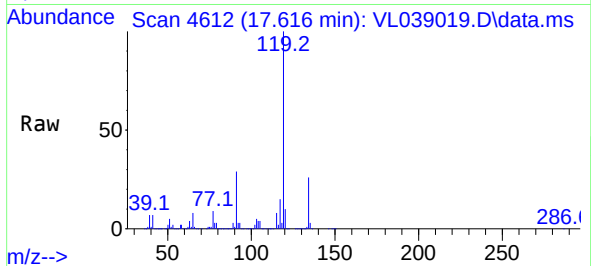
VSTDCCC010EC

Tgt Ion: 119 Resp: 4223586
Ion Ratio Lower Upper
119 100
134 25.6 20.0 30.0
91 28.2 24.8 37.2

Manual Integrations

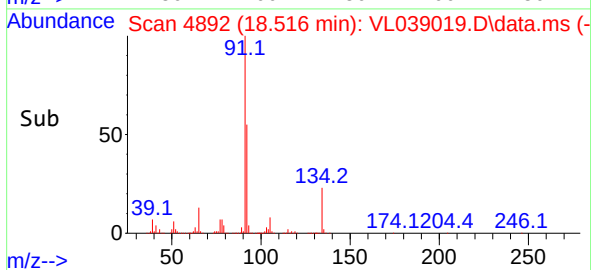
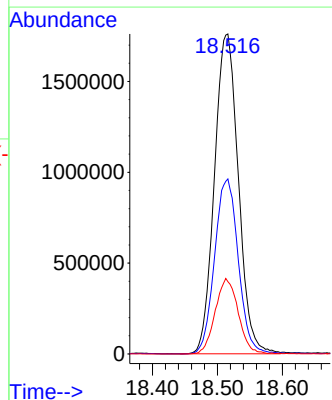
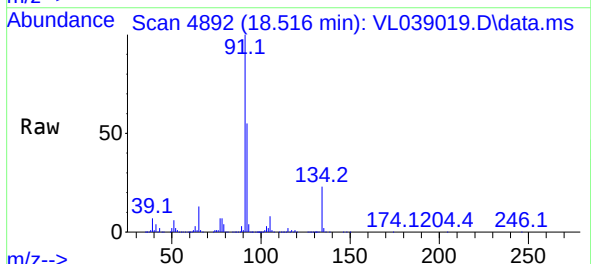
APPROVED

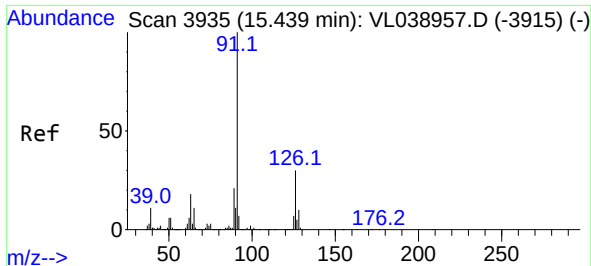
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#70
n-Butylbenzene
Concen: 8.950 ppbv
RT: 18.516 min Scan# 4892
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 91 Resp: 4504398
Ion Ratio Lower Upper
91 100
92 54.5 43.1 64.7
134 22.8 17.0 25.4





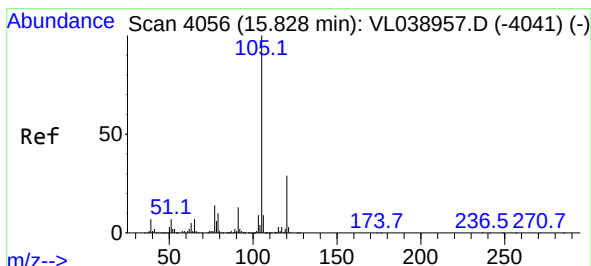
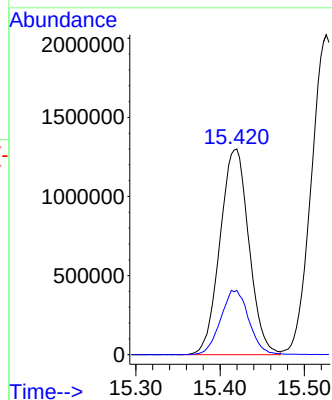
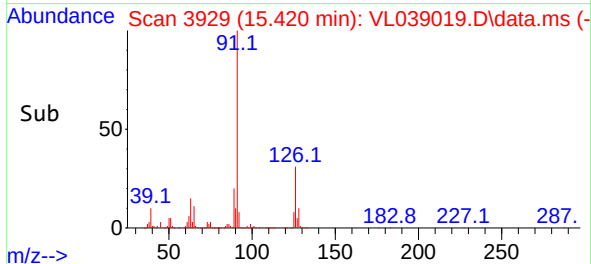
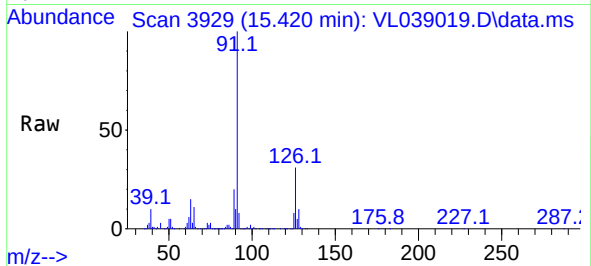
#71
2-Chlorotoluene
Concen: 8.563 ppbv
RT: 15.420 min Scan# 3935
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 309240
Ion Ratio Lower Upper
91 100
126 30.8 11.9 47.5

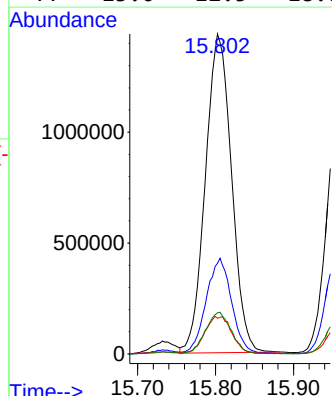
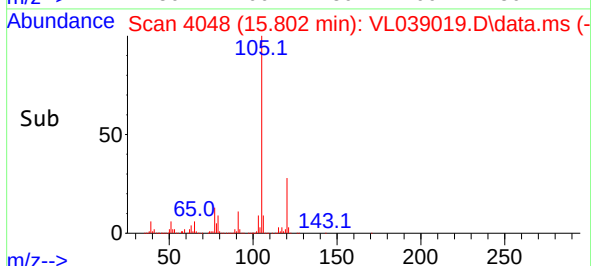
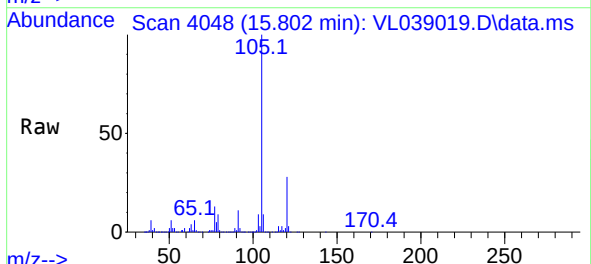
Manual Integrations
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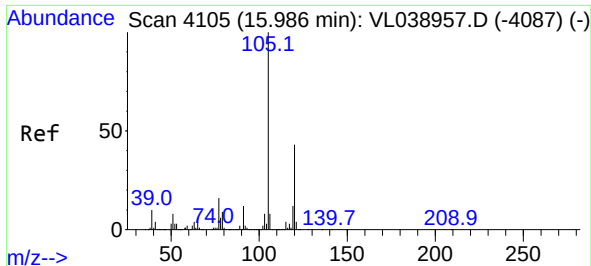
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#72
4-Ethyltoluene
Concen: 9.190 ppbv
RT: 15.802 min Scan# 4048
Delta R.T. -0.026 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

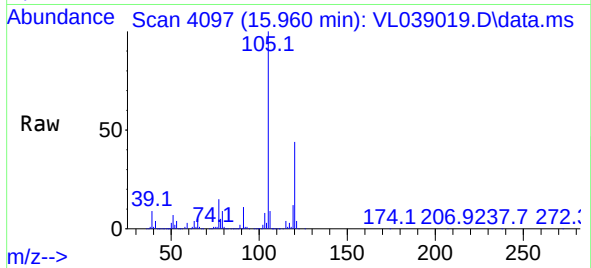
Tgt Ion:105 Resp: 3354520
Ion Ratio Lower Upper
105 100
120 29.4 23.4 35.0
91 12.1 10.6 16.0
77 13.0 12.5 18.7





#73
1,3,5-Trimethylbenzene
Concen: 9.029 ppbv
RT: 15.960 min Scan# 4087
Delta R.T. -0.026 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

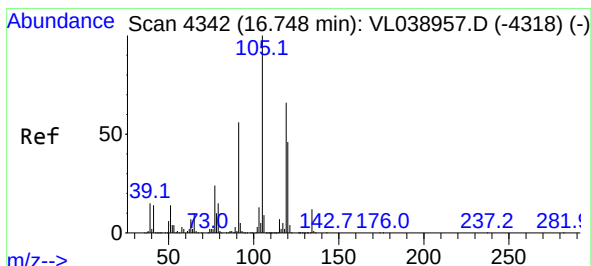
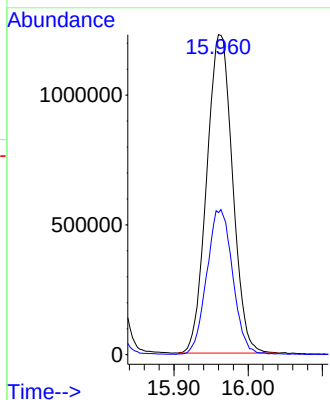
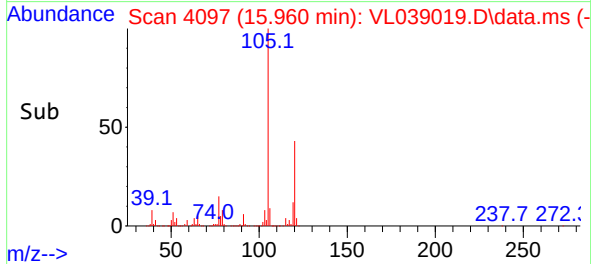
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



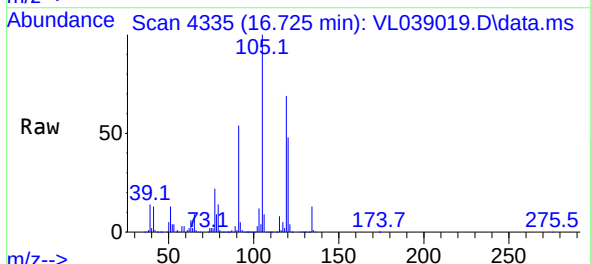
Tgt Ion:105 Resp: 296721
Ion Ratio Lower Upper
105 100
120 44.4 34.4 51.6

Manual Integrations
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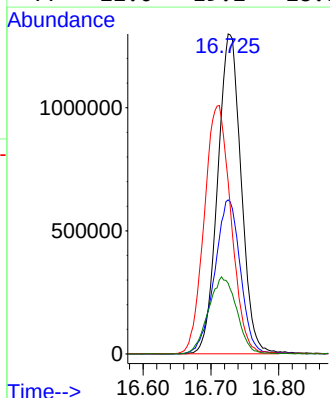
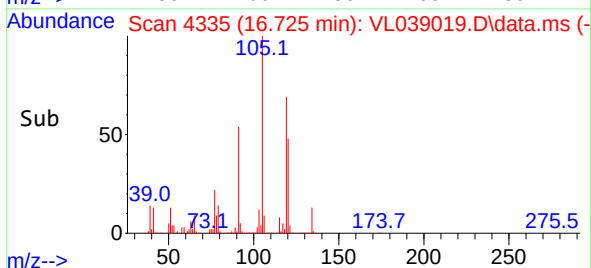
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

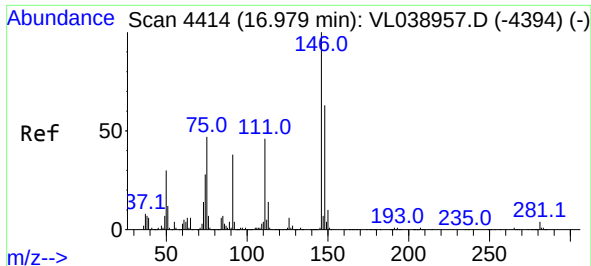


#74
1,2,4-Trimethylbenzene
Concen: 8.675 ppbv
RT: 16.725 min Scan# 4335
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



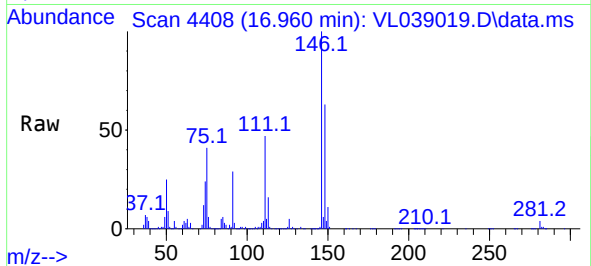
Tgt Ion:105 Resp: 3121605
Ion Ratio Lower Upper
105 100
120 48.1 36.9 55.3
91 53.8 45.0 67.4
77 22.0 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 9.192 ppbv
RT: 16.960 min Scan# 4414
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

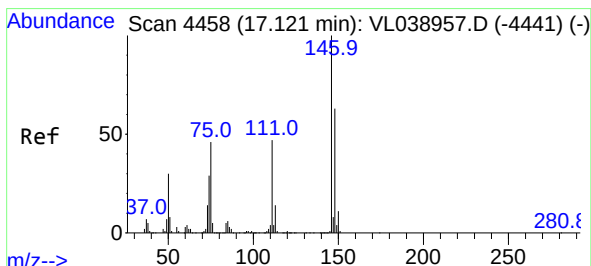
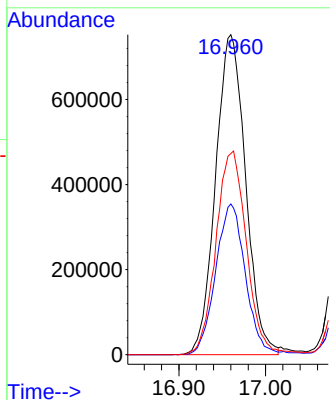
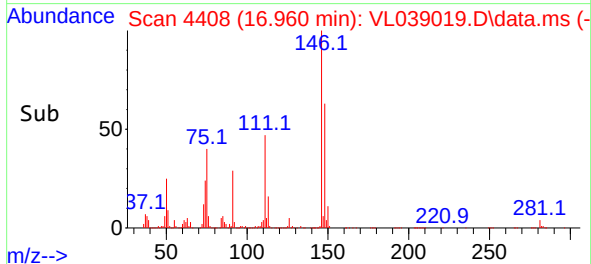
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



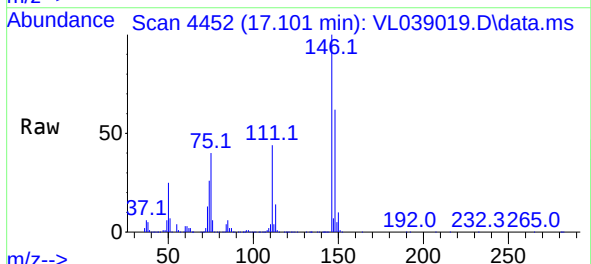
Tgt Ion:146 Resp: 181214
Ion Ratio Lower Upper
146 100
111 46.9 24.1 72.2
148 64.8 32.4 97.2

Manual Integrations
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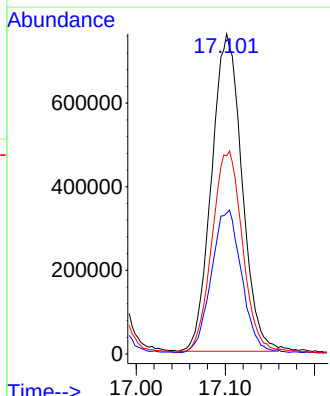
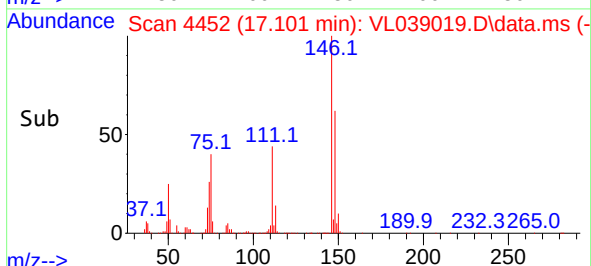
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

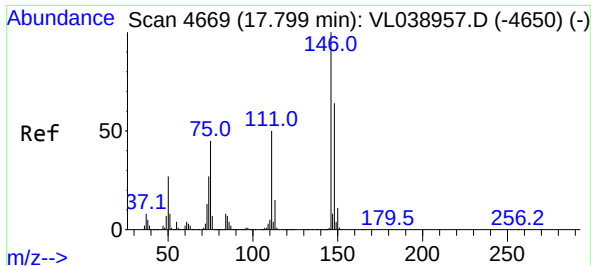


#76
1,4-Dichlorobenzene
Concen: 9.237 ppbv
RT: 17.101 min Scan# 4452
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



Tgt Ion:146 Resp: 1791463
Ion Ratio Lower Upper
146 100
111 46.3 23.6 71.0
148 65.8 32.2 96.6





#77
1,2-Dichlorobenzene
Concen: 9.296 ppbv
RT: 17.780 min Scan# 4663
Delta R.T. -0.019 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Instrument :

MSVOA_L

ClientSampleId :

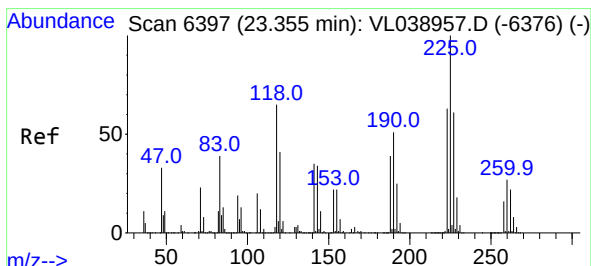
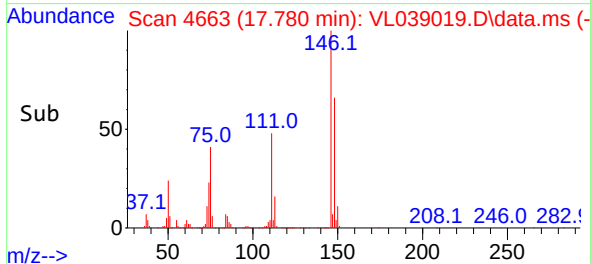
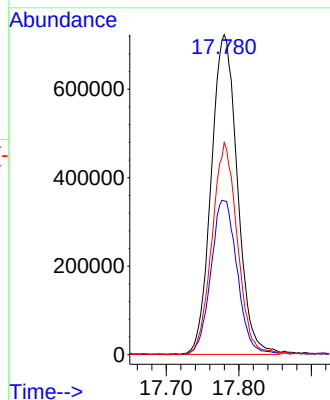
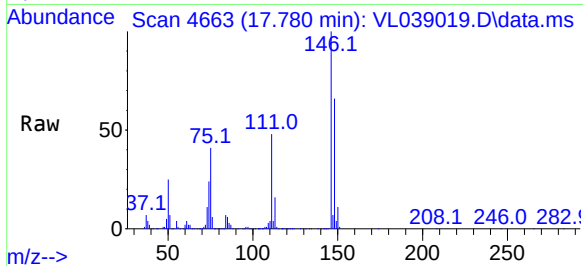
VSTDCCC010EC

Tgt Ion:146 Resp: 1812489
Ion Ratio Lower Upper
146 100
111 48.8 25.3 75.9
148 64.6 32.3 96.9

Manual Integrations

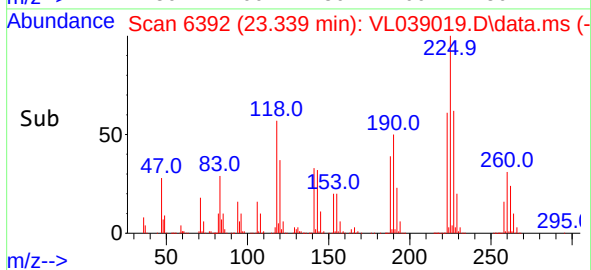
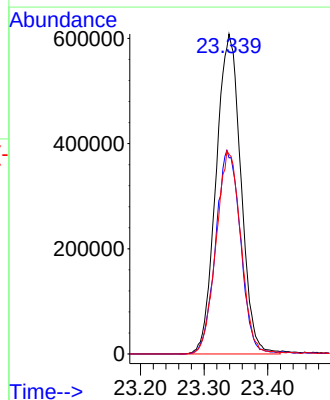
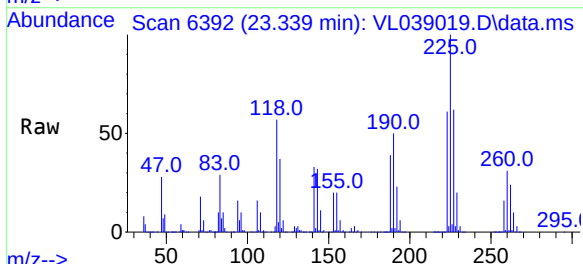
APPROVED

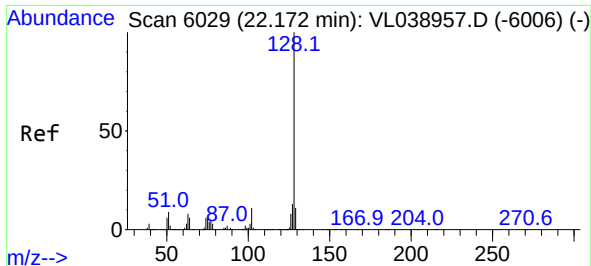
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#78
Hexachloro-1,3-Butadiene
Concen: 9.178 ppbv
RT: 23.339 min Scan# 6392
Delta R.T. -0.016 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:225 Resp: 1644710
Ion Ratio Lower Upper
225 100
223 63.8 51.4 77.0
227 64.0 51.4 77.0





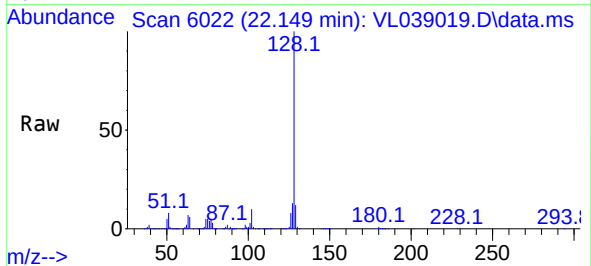
#79
Naphthalene
Concen: 12.095 ppbv
RT: 22.149 min Scan# 6022
Delta R.T. -0.022 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

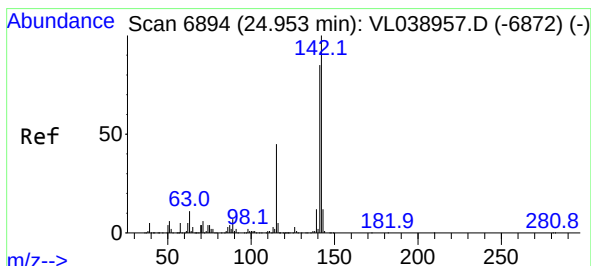
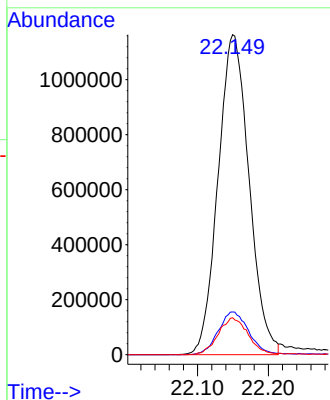
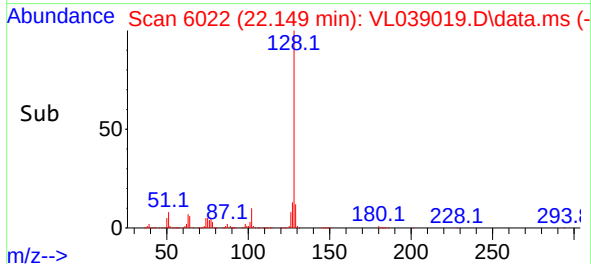


Tgt Ion:128 Resp: 3535078
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.5 8.9 13.3

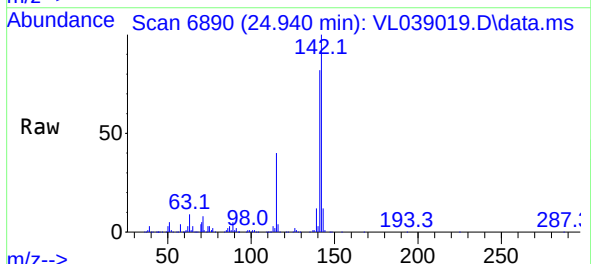
Manual Integrations

APPROVED

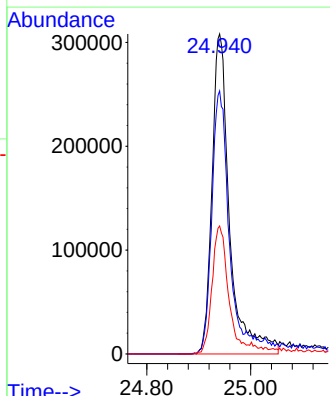
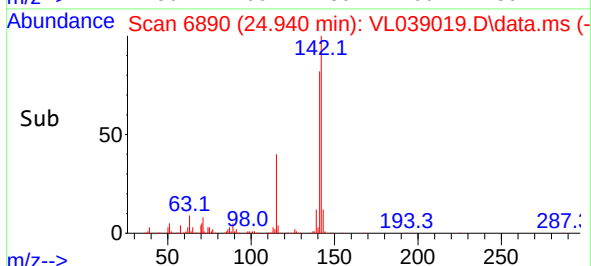
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

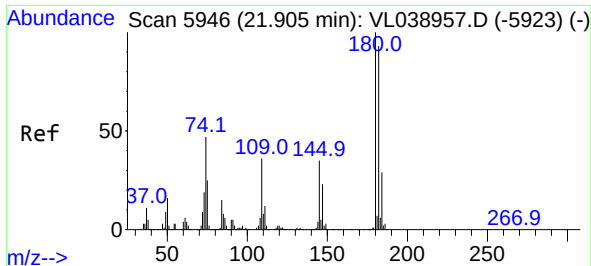


#80
Naphthalene,2-methyl-
Concen: 8.217 ppbv
RT: 24.940 min Scan# 6890
Delta R.T. -0.013 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00



Tgt Ion:142 Resp: 726500
Ion Ratio Lower Upper
142 100
141 87.0 70.8 106.2
115 39.0 35.1 52.7





#81

1,2,4-Trichlorobenzene

Concen: 10.580 ppbv

RT: 21.883 min Scan# 5939

Delta R.T. -0.022 min

Lab File: VL039019.D

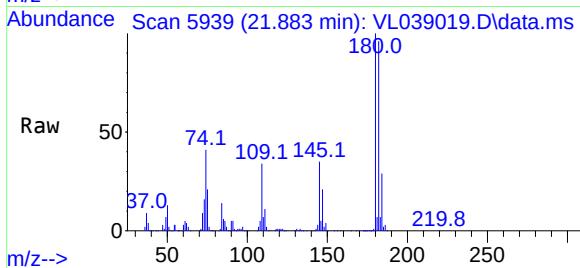
Acq: 10 May 2022 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 181205

Ion Ratio Lower Upper

180 100

182 97.3 78.4 117.6

184 30.8 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022

