

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
 Data File : VL039013.D
 Acq On : 10 May 2022 9:54
 Operator : SY/AP
 Sample : VL0509ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01

Manual Integrations
 APPROVED

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

Quant Time: May 11 01:45:30 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 01:45:30 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	5.642	49	1009163	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.143	114	2856184	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.047	117	2591367m	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.375 95 1868852 9.106 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 91.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.038	85	1321996	8.361	ppbv	100
3) Chlorodifluoromethane	2.980	51	1191267	9.513	ppbv	95
4) Chloromethane	3.128	50	636530	10.150	ppbv	96
5) Vinyl Chloride	3.243	62	590740	10.316	ppbv	95
6) Bromomethane	3.459	94	295325	10.917	ppbv	95
7) Chloroethane	3.539	64	208290	10.867	ppbv	98
8) Dichlorotetrafluoroethane	3.176	85	1405097	9.805	ppbv	95
9) Propene	2.999	41	583228	10.665	ppbv	99
10) Heptane	8.092	43	1543921	11.508	ppbv	99
11) Trichlorofluoromethane	3.931	101	1255036	9.251	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.465	101	931216	9.964	ppbv	90
13) Ethanol	3.594	45	33756m	8.722	ppbv	
14) Bromoethene	3.726	108	421699	10.942	ppbv	96
15) Acetone	3.829	43	968139	10.170	ppbv	98
16) 1,3-Butadiene	3.314	39	566417	10.356	ppbv	99
17) tert-Butyl alcohol	4.263	59	905476	12.376	ppbv	96
18) 1,1-Dichloroethene	4.272	96	440416	10.950	ppbv	99
19) Isopropyl Alcohol	3.941	45	498031	11.003	ppbv	99
20) Methylene Chloride	4.320	84	361020	10.062	ppbv	96
21) Allyl Chloride	4.391	41	725523	11.185	ppbv	96
22) trans-1,2-Dichloroethene	4.861	96	461710	10.627	ppbv	99
23) Vinyl Acetate	5.047	43	916429	12.167	ppbv #	97
24) 1,1-Dichloroethane	4.989	63	933052	10.758	ppbv	100
25) Ethyl Acetate	5.648	43	2583245	11.338	ppbv	100
26) Hexane	5.661	57	1123261	11.095	ppbv	96
27) Carbon Disulfide	4.529	76	1044226	10.858	ppbv	99
28) Methyl tert-Butyl Ether	5.009	73	947487	12.301	ppbv	100
29) Chloroform	5.722	83	1637090	9.995	ppbv	100
30) Cyclohexane	7.098	84	988294	11.660	ppbv	93
31) cis-1,2-Dichloroethene	5.523	61	1078258	10.455	ppbv	90
32) 1,1,1-Trichloroethane	6.481	97	1638248	10.003	ppbv	97
34) 2-Butanone	5.214	43	1094151	7.509	ppbv	99
35) Carbon Tetrachloride	6.989	117	1643706	8.734	ppbv	98
36) Benzene	6.861	78	2421142	9.905	ppbv	99
37) 1,2-Dichloroethane	6.275	62	1188979	7.862	ppbv #	95
38) Trichloroethene	7.803	130	1082009	9.958	ppbv	95
39) 1,2-Dichloropropane	7.581	63	925747	9.734	ppbv	95
40) 1,4-Dioxane	7.793	88	342235	10.019	ppbv	92
41) Tetrahydrofuran	6.018	42	1011158	10.325	ppbv	99
42) Bromodichloromethane	7.758	83	1795229	8.683	ppbv	96
43) Methyl Methacrylate	7.979	69	998850	10.066	ppbv	95
44) 2,2,4-Trimethylpentane	7.835	57	3953330	9.217	ppbv	97
45) t-1,3-Dichloropropene	9.240	75	1049684	10.928	ppbv	98

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 Misc : 400mL/MSVOA_L
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Instrument :
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 ClientSampleId :
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 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 11 01:45:30 2022

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

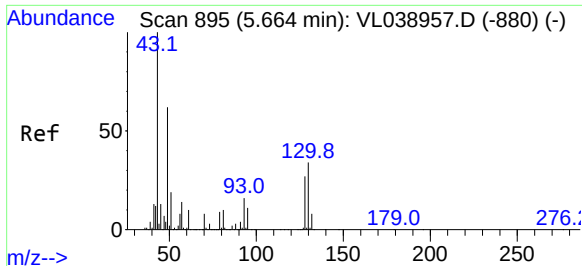
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 11 2022

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	8.668	75	1299317	10.200	ppbv	94
47) 1,1,2-Trichloroethane	9.439	97	982550	9.933	ppbv	95
48) Dibromochloromethane	10.269	129	1548658	9.619	ppbv	99
49) Bromoform	13.002	173	1205752	9.820	ppbv	99
50) 4-Methyl-2-Pentanone	8.703	43	2501202	9.789	ppbv	98
51) 2-Hexanone	10.095	43	2015101	10.806	ppbv #	97
52) Tetrachloroethene	11.185	164	855144	9.790	ppbv	96
53) Toluene	9.767	91	2831671	10.336	ppbv	99
54) 1,2-Dibromoethane	10.571	107	1356446	10.073	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.089	131	1114407	9.801	ppbv	97
57) Chlorobenzene	12.111	112	2042823	10.517	ppbv	90
58) Ethyl Benzene	12.671	91	3733558	10.011	ppbv	99
59) m/p-Xylene	12.957	91	6102323m	19.167	ppbv	
60) o-Xylene	13.651	91	2814808	9.394	ppbv	96
61) Styrene	13.487	104	1829590	11.437	ppbv	94
62) Isopropylbenzene	14.629	105	4254555	9.709	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.638	83	1620978	9.187	ppbv	99
64) n-propylbenzene	15.523	120	1117352	10.547	ppbv	91
65) tert-Butylbenzene	16.703	119	3692381	9.617	ppbv	92
66) Benzyl Chloride	16.947	91	657953	13.110	ppbv	95
67) sec-Butylbenzene	17.256	105	5274098	9.615	ppbv	98
69) p-Isopropyltoluene	17.613	119	4392565	9.912	ppbv	96
70) n-Butylbenzene	18.510	91	4512783	9.585	ppbv	98
71) 2-Chlorotoluene	15.413	91	3193079	9.452	ppbv	95
72) 4-Ethyltoluene	15.799	105	3565992	10.444	ppbv	97
73) 1,3,5-Trimethylbenzene	15.957	105	3119804	10.149	ppbv	92
74) 1,2,4-Trimethylbenzene	16.725	105	3259383	9.684	ppbv #	89
75) 1,3-Dichlorobenzene	16.953	146	1883953	10.216	ppbv	99
76) 1,4-Dichlorobenzene	17.095	146	1884887	10.390	ppbv	99
77) 1,2-Dichlorobenzene	17.776	146	1844430	10.113	ppbv	98
78) Hexachloro-1,3-Butadiene	23.329	225	1453728	8.673	ppbv	100
79) Naphthalene	22.143	128	3189894	11.667	ppbv	99
80) Naphthalene,2-methyl-	24.934	142	1088669	13.163	ppbv	94
81) 1,2,4-Trichlorobenzene	21.876	180	1653533	10.321	ppbv	98

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



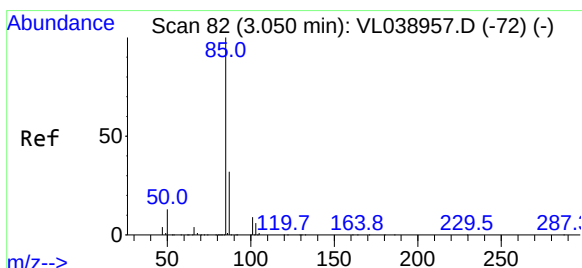
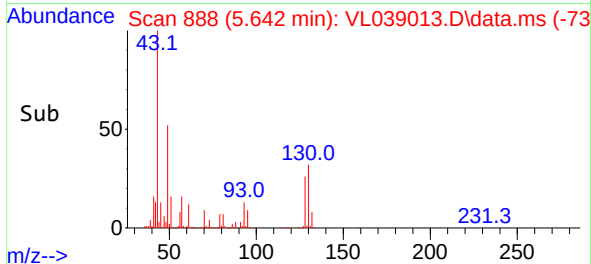
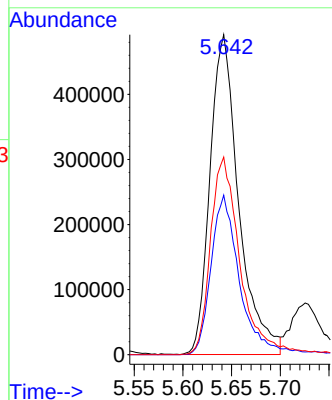
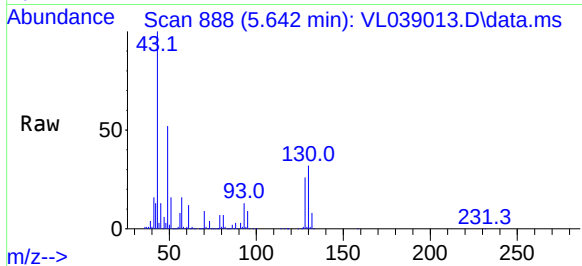
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.642 min Scan# 81
Delta R.T. -0.022 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 49 Resp: 100916
Ion Ratio Lower Upper
49 100
128 50.8 23.3 69.8
130 65.2 29.8 89.3

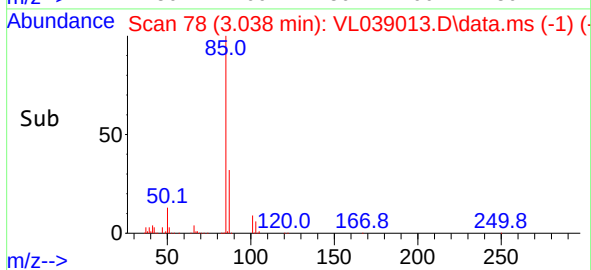
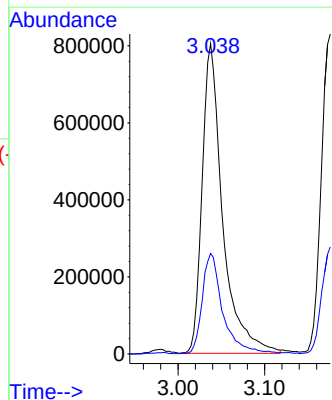
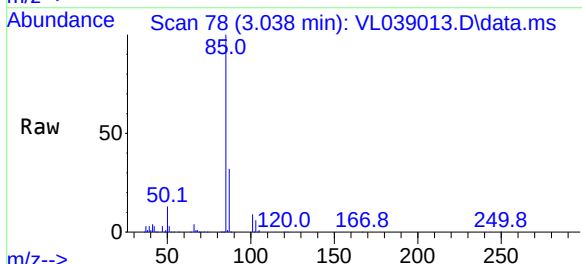
Manual Integrations
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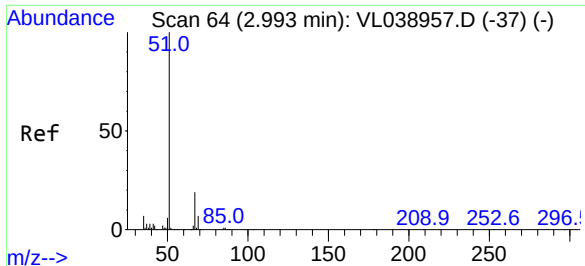
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#2
Dichlorodifluoromethane
Concen: 8.361 ppbv
RT: 3.038 min Scan# 78
Delta R.T. -0.013 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

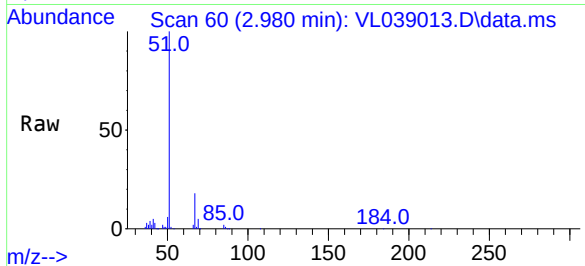
Tgt Ion: 85 Resp: 1321996
Ion Ratio Lower Upper
85 100
87 32.3 25.7 38.5





#3
Chlorodifluoromethane
Concen: 9.513 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.013 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

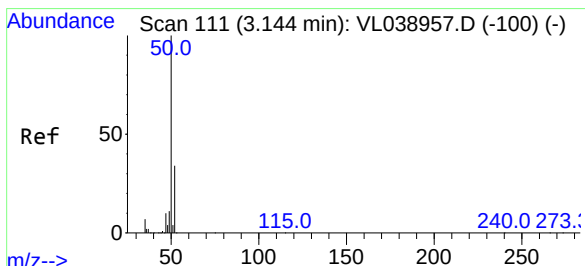
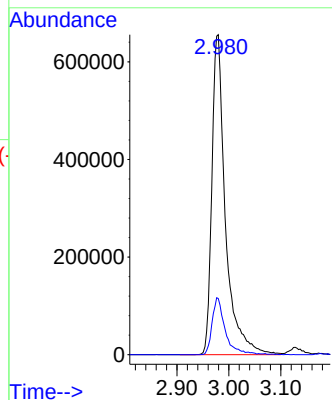
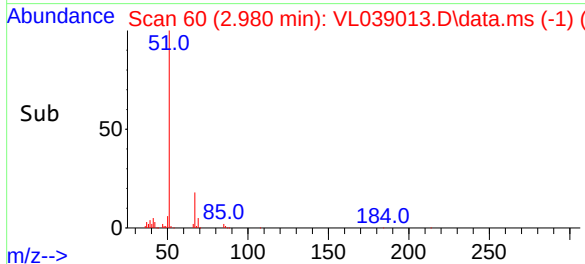
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 51 Resp: 119126
Ion Ratio Lower Upper
51 100
67 17.4 15.8 23.8

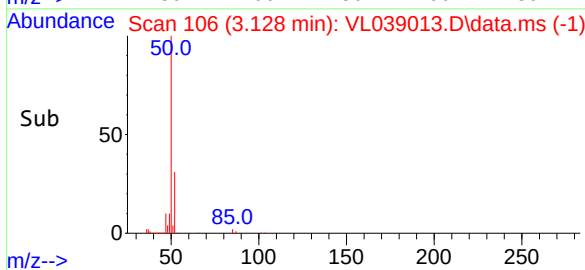
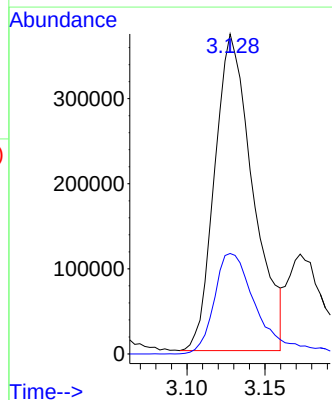
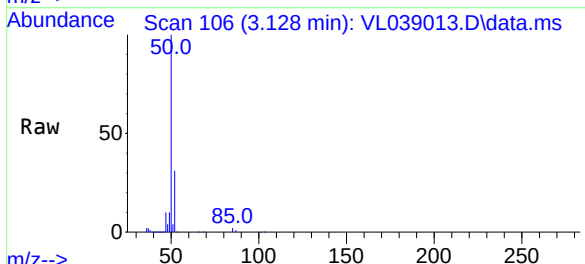
Manual Integrations
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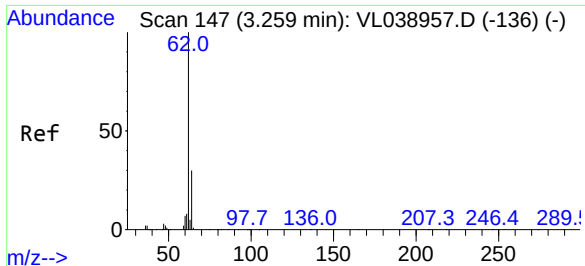
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#4
Chloromethane
Concen: 10.150 ppbv
RT: 3.128 min Scan# 106
Delta R.T. -0.016 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Tgt Ion: 50 Resp: 636530
Ion Ratio Lower Upper
50 100
52 31.7 27.3 40.9





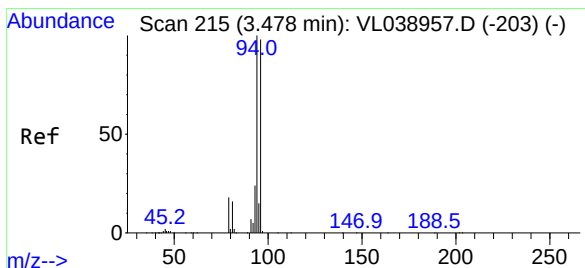
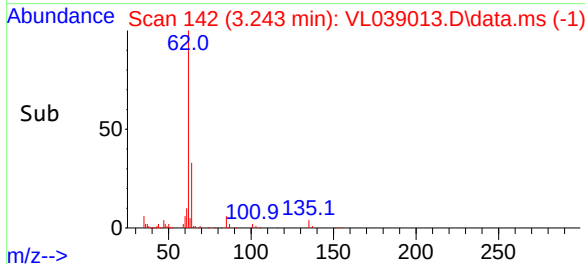
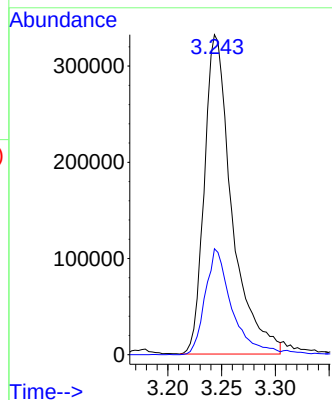
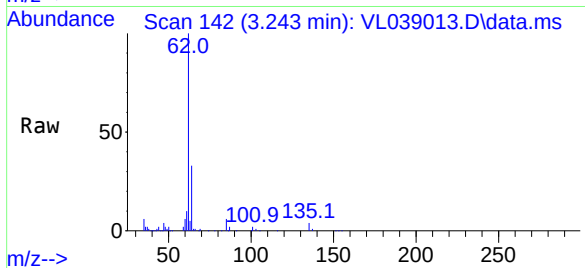
#5
 Vinyl Chloride
 Concen: 10.316 ppbv
 RT: 3.243 min Scan# 147
 Delta R.T. -0.016 min
 Lab File: VL039013.D
 Acq: 10 May 2022 9:54

Instrument : MSVOA_L
 ClientSampleId : VL0509ABS01

Tgt Ion: 62 Resp: 590740
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.2 36.4

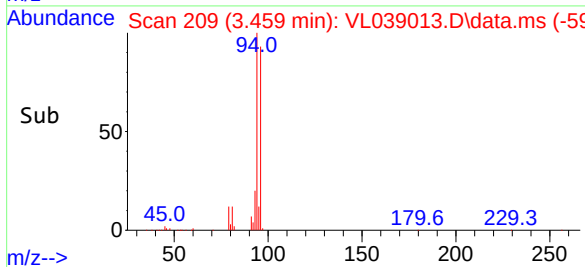
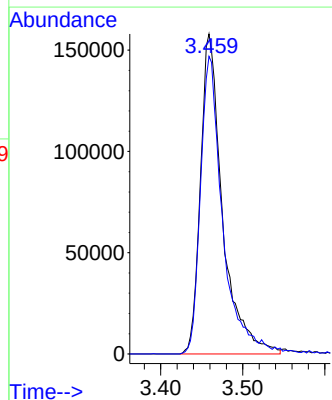
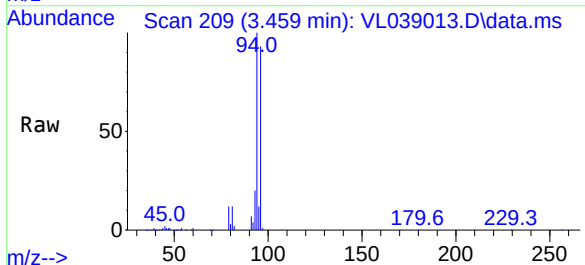
Manual Integrations
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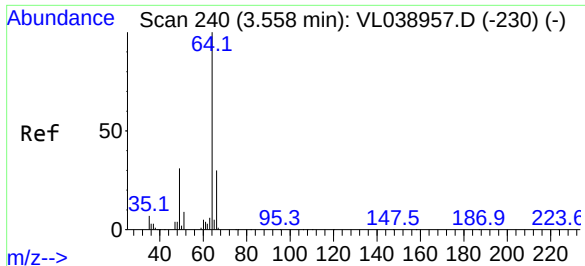
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#6
 Bromomethane
 Concen: 10.917 ppbv
 RT: 3.459 min Scan# 209
 Delta R.T. -0.019 min
 Lab File: VL039013.D
 Acq: 10 May 2022 9:54

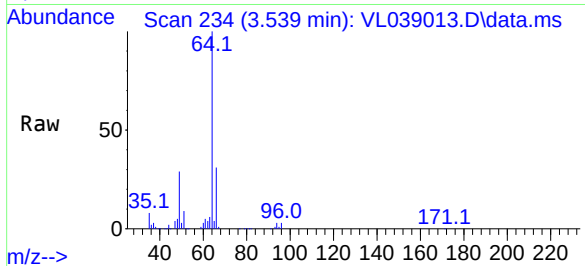
Tgt Ion: 94 Resp: 295325
 Ion Ratio Lower Upper
 94 100
 96 93.0 78.1 117.1





#7
Chloroethane
Concen: 10.867 ppbv
RT: 3.539 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

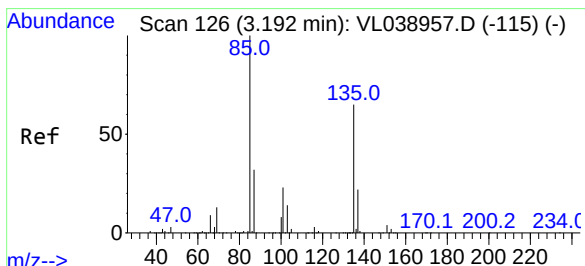
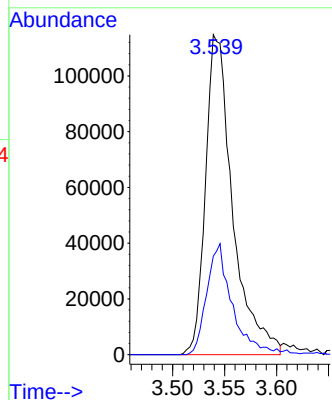
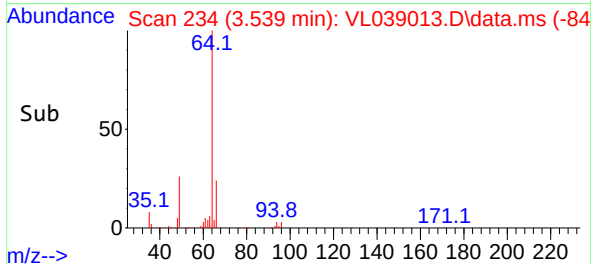
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 64 Resp: 208290
Ion Ratio Lower Upper
64 100
66 30.8 23.8 35.8

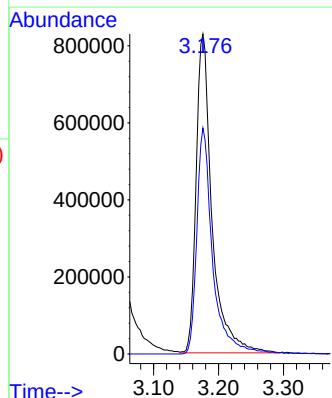
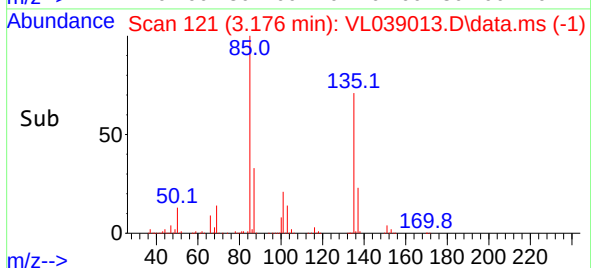
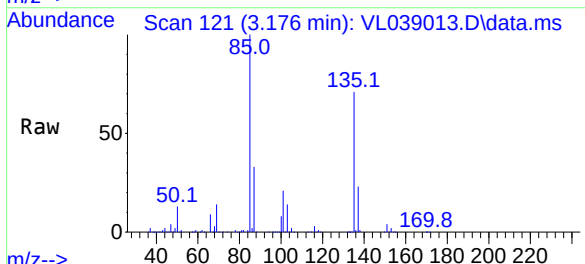
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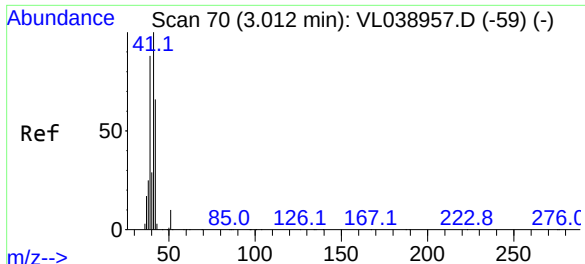
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#8
Dichlorotetrafluoroethane
Concen: 9.805 ppbv
RT: 3.176 min Scan# 121
Delta R.T. -0.016 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Tgt Ion: 85 Resp: 1405097
Ion Ratio Lower Upper
85 100
135 71.2 53.6 80.4





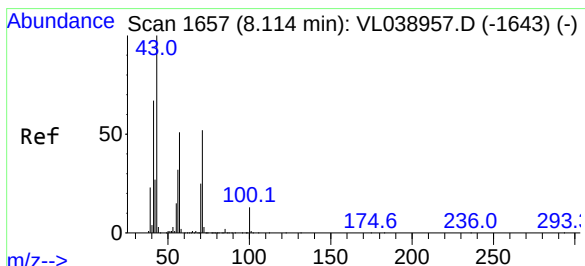
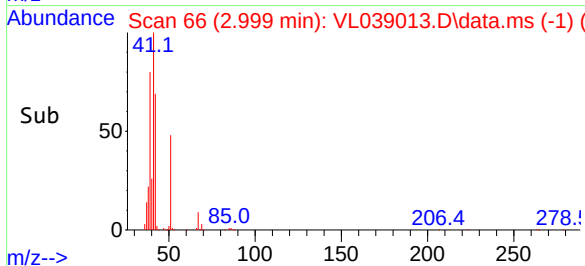
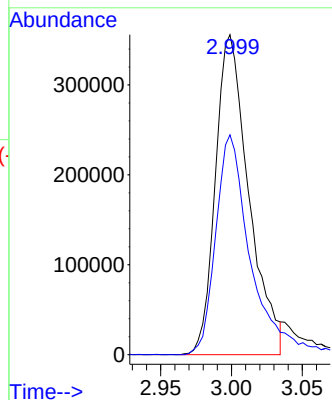
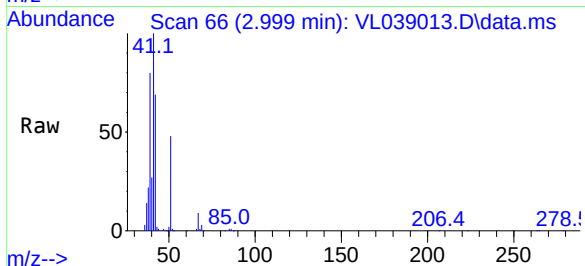
#9
Propene
Concen: 10.665 ppbv
RT: 2.999 min Scan# 60
Delta R.T. -0.013 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 41 Resp: 583228
Ion Ratio Lower Upper
41 100
42 73.5 58.3 87.5

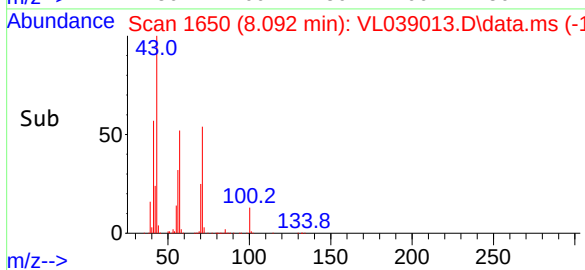
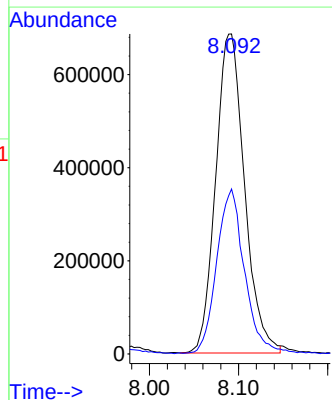
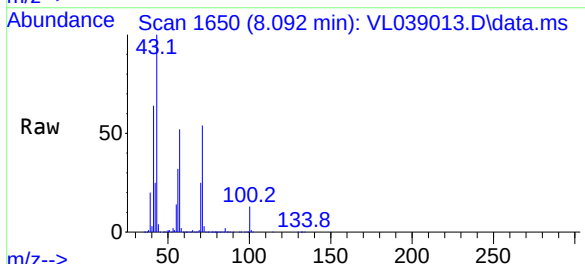
Manual Integrations
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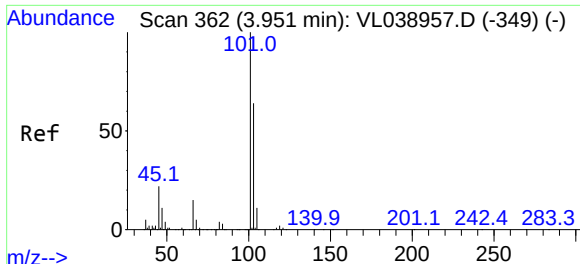
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#10
Heptane
Concen: 11.508 ppbv
RT: 8.092 min Scan# 1650
Delta R.T. -0.022 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

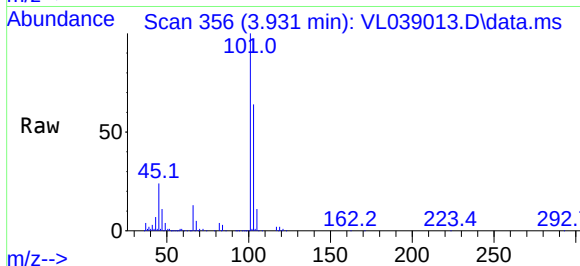
Tgt Ion: 43 Resp: 1543921
Ion Ratio Lower Upper
43 100
57 50.0 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.251 ppbv
RT: 3.931 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

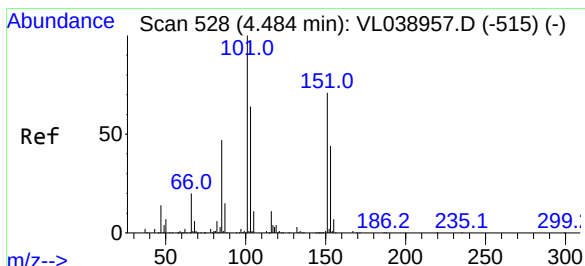
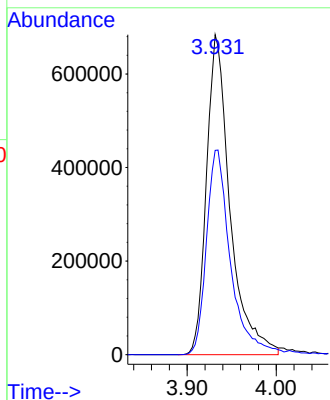
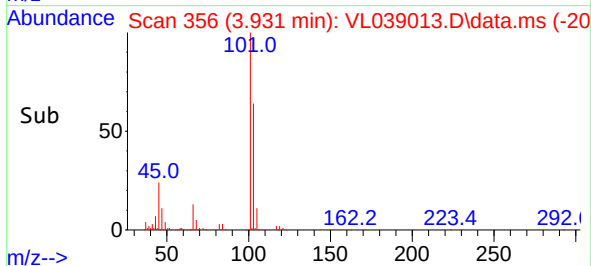
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



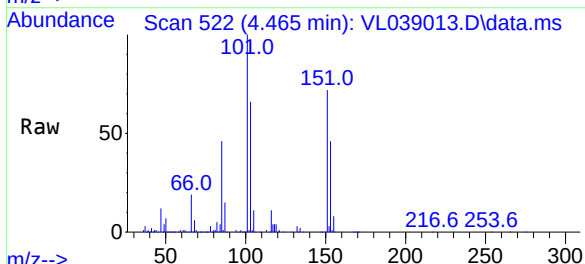
Tgt Ion:101 Resp: 125503
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

Manual Integrations
APPROVED

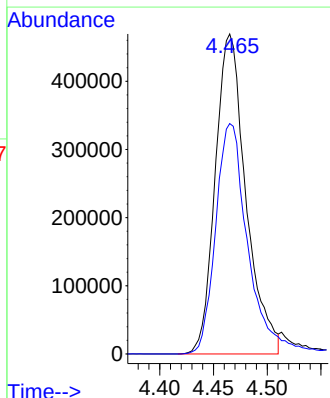
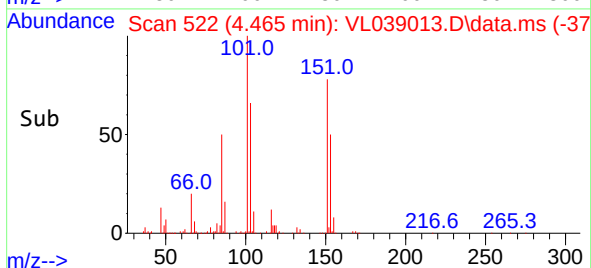
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

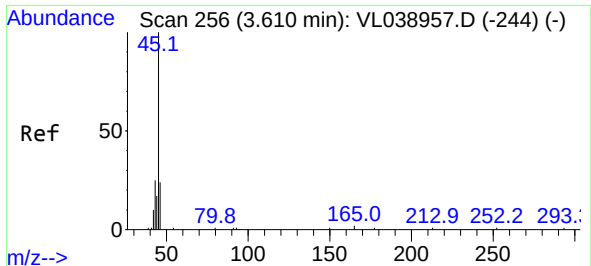


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.964 ppbv
RT: 4.465 min Scan# 522
Delta R.T. -0.019 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



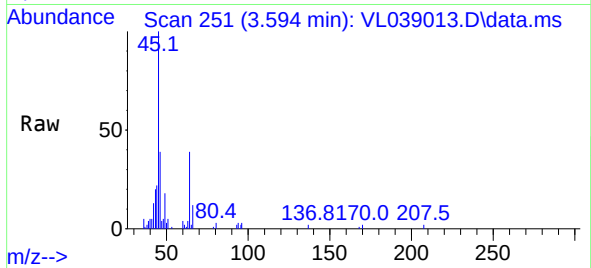
Tgt Ion:101 Resp: 931216
Ion Ratio Lower Upper
101 100
151 77.2 55.4 83.0





#13
Ethanol
Concen: 8.722 ppbv m
RT: 3.594 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

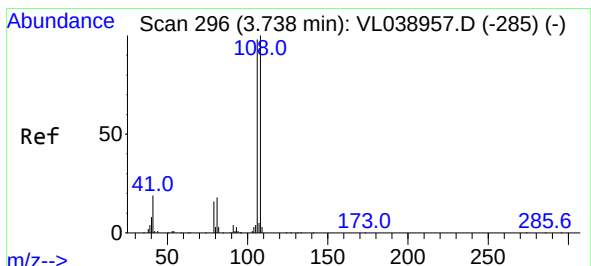
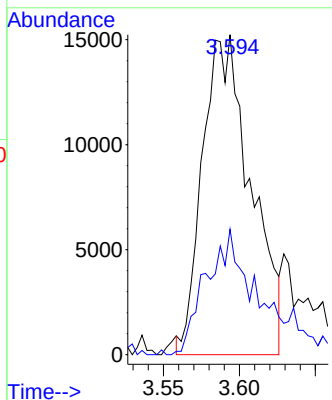
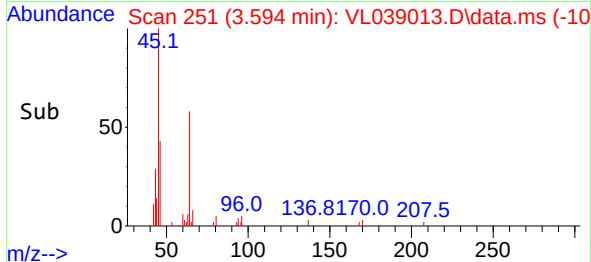
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



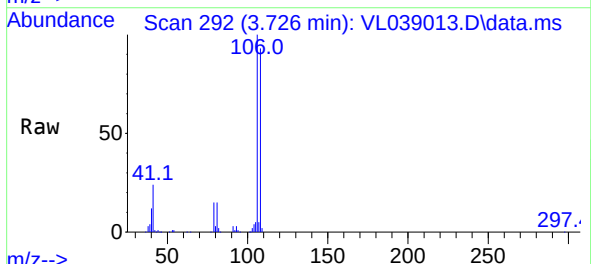
Tgt Ion: 45 Resp: 33750
Ion Ratio Lower Upper
45 100
46 49.1 18.0 72.2

Manual Integrations
APPROVED

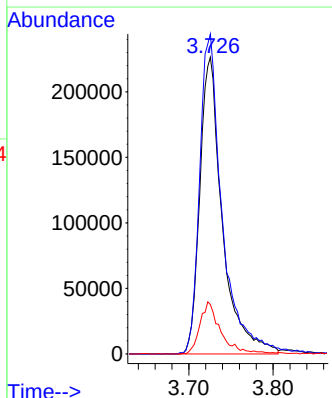
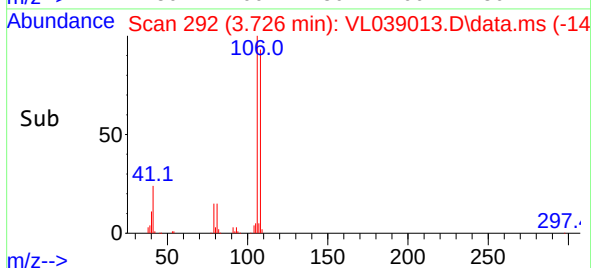
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

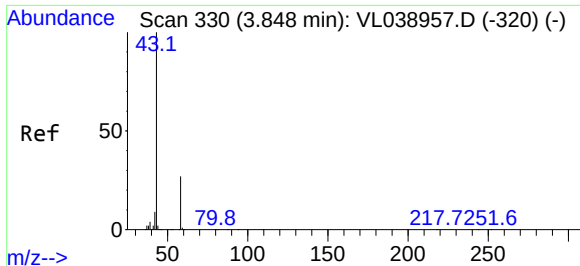


#14
Bromoethene
Concen: 10.942 ppbv
RT: 3.726 min Scan# 292
Delta R.T. -0.013 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



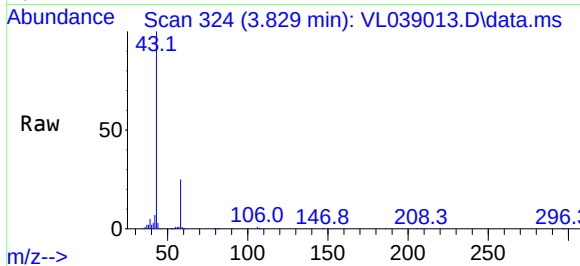
Tgt Ion:108 Resp: 421699
Ion Ratio Lower Upper
108 100
106 109.3 90.3 135.5
79 16.5 14.9 22.3





#15
Acetone
Concen: 10.170 ppbv
RT: 3.829 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

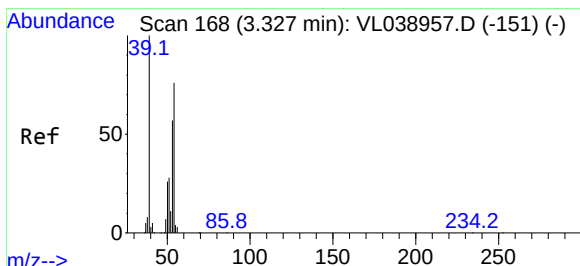
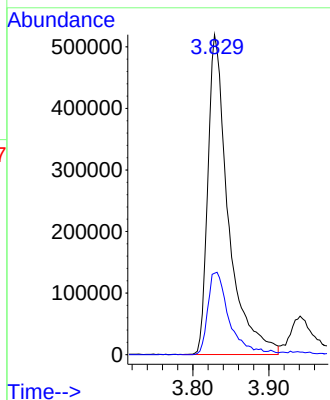
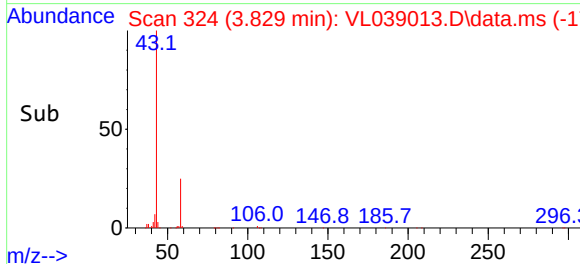
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 43 Resp: 968139
Ion Ratio Lower Upper
43 100
58 27.5 21.3 31.9

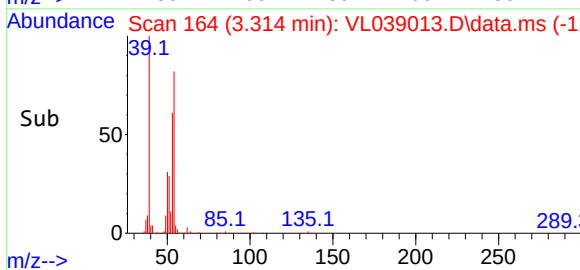
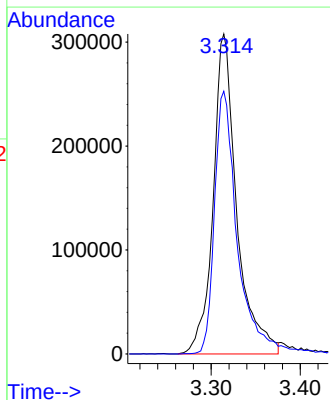
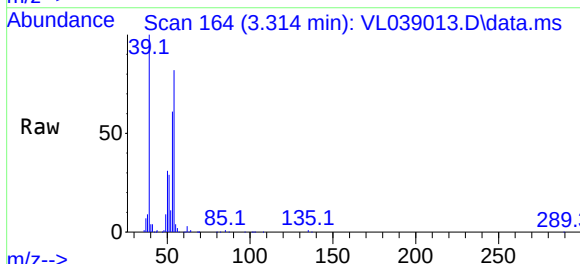
Manual Integrations
APPROVED

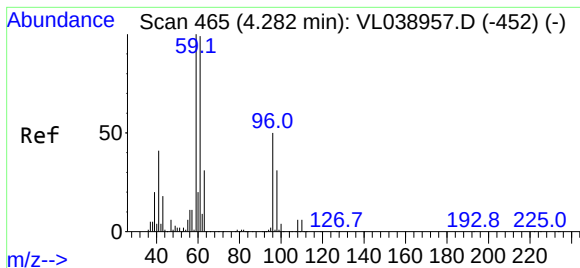
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#16
1,3-Butadiene
Concen: 10.356 ppbv
RT: 3.314 min Scan# 164
Delta R.T. -0.013 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Tgt Ion: 39 Resp: 566417
Ion Ratio Lower Upper
39 100
54 80.8 65.2 97.8





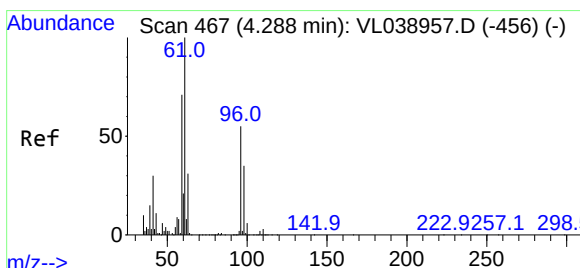
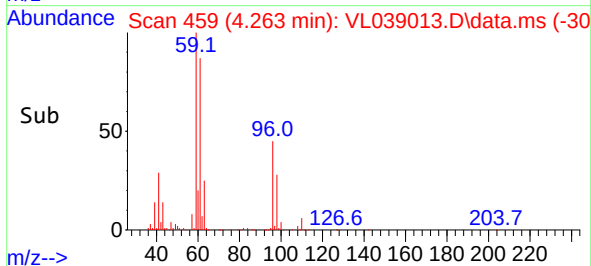
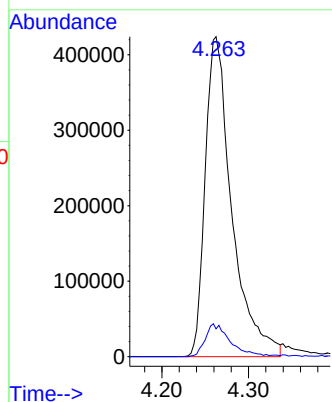
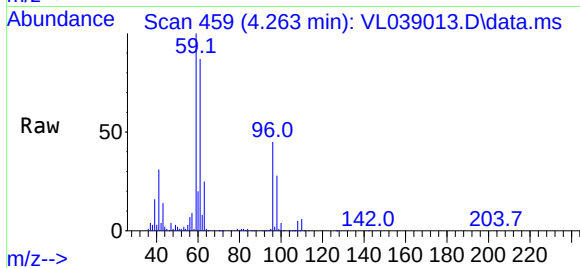
#17
tert-Butyl alcohol
Concen: 12.376 ppbv
RT: 4.263 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 59 Resp: 905470
Ion Ratio Lower Upper
59 100
57 9.9 9.2 13.8

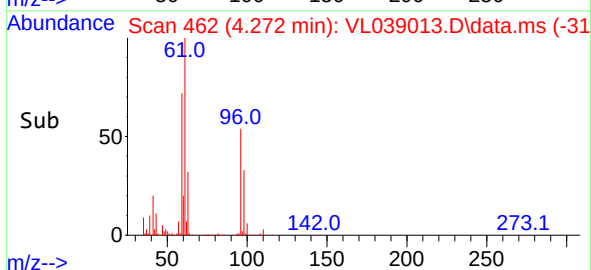
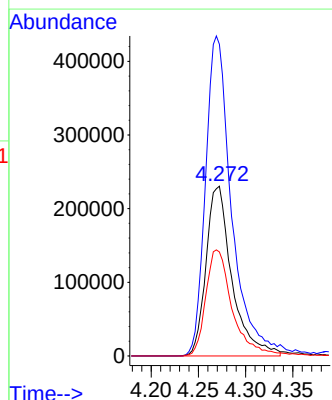
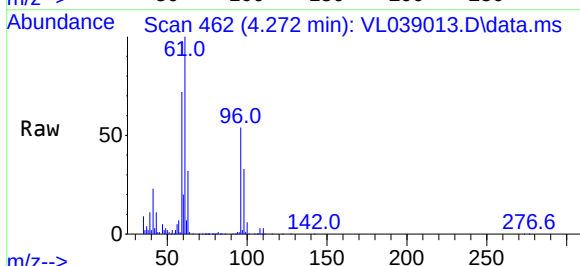
Manual Integrations
APPROVED

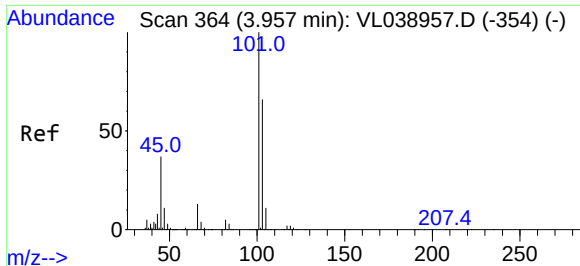
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#18
1,1-Dichloroethene
Concen: 10.950 ppbv
RT: 4.272 min Scan# 462
Delta R.T. -0.016 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Tgt Ion: 96 Resp: 440416
Ion Ratio Lower Upper
96 100
61 183.4 146.3 219.5
98 61.2 50.6 75.8





#19
Isopropyl Alcohol
Concen: 11.003 ppbv
RT: 3.941 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :

MSVOA_L

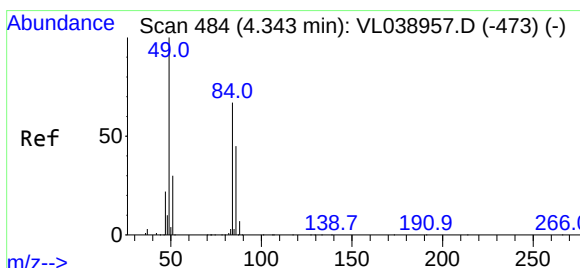
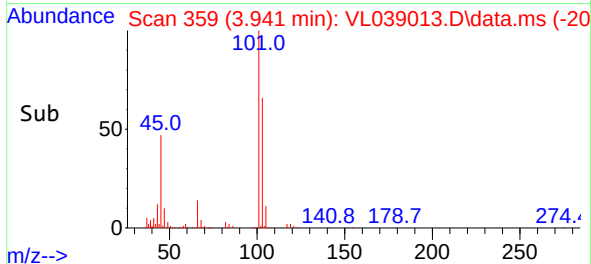
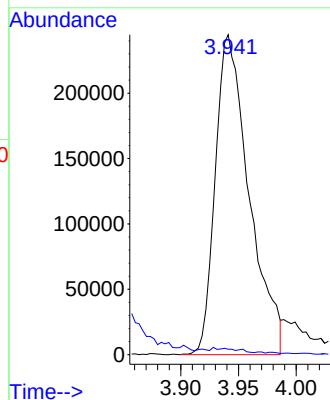
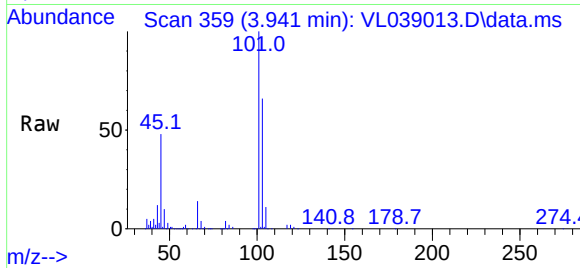
ClientSampleId :

VL0509ABS01

Tgt Ion: 45 Resp: 49803
Ion Ratio Lower Upper
45 100
58 2.1 1.4 2.2

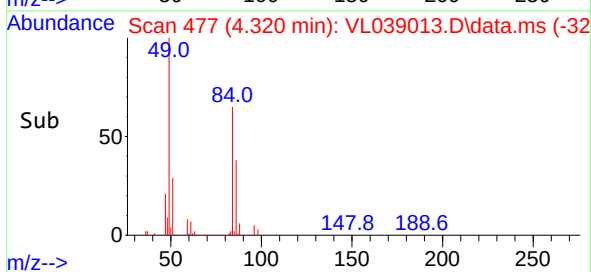
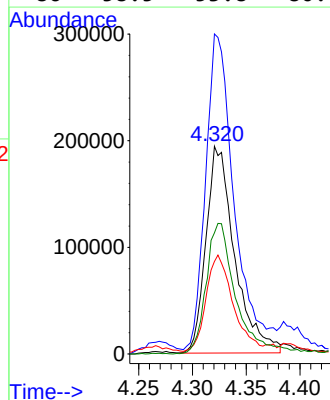
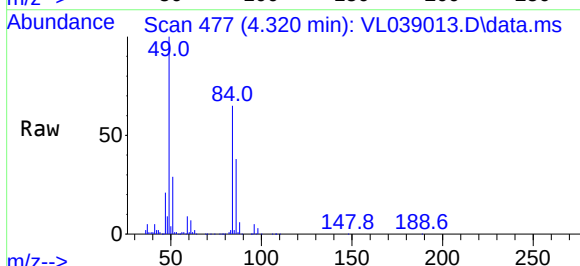
Manual Integrations
APPROVED

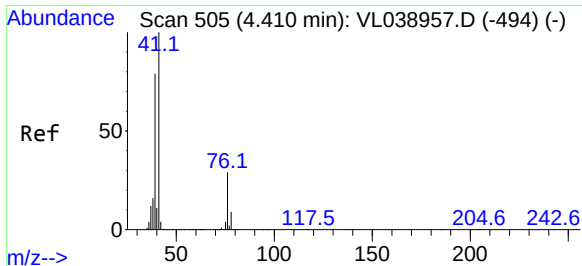
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#20
Methylene Chloride
Concen: 10.062 ppbv
RT: 4.320 min Scan# 477
Delta R.T. -0.022 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Tgt Ion: 84 Resp: 361020
Ion Ratio Lower Upper
84 100
49 152.6 119.9 179.9
51 43.3 35.7 53.5
86 58.5 53.8 80.6





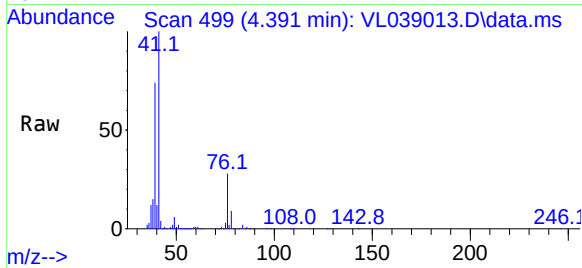
#21
 Allyl Chloride
 Concen: 11.185 ppbv
 RT: 4.391 min Scan# 499
 Delta R.T. -0.019 min
 Lab File: VL039013.D
 Acq: 10 May 2022 9:54

Instrument :

MSVOA_L

ClientSampleId :

VL0509ABS01

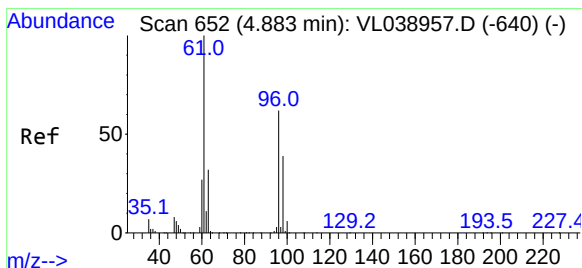
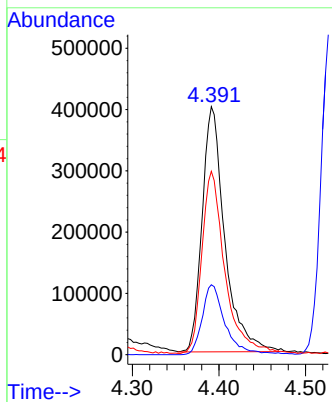
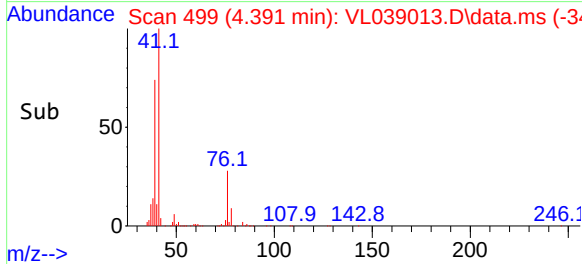


Tgt Ion: 41 Resp: 72552
 Ion Ratio Lower Upper
 41 100
 76 29.1 24.2 36.4
 39 75.8 63.8 95.8

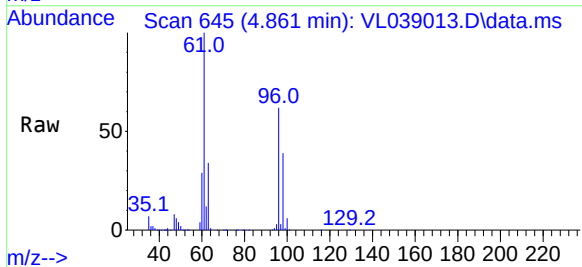
Manual Integrations

APPROVED

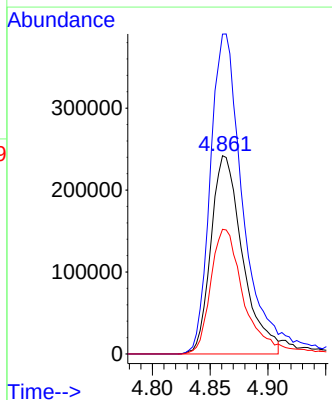
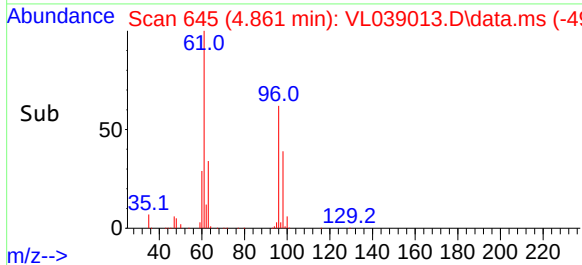
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022

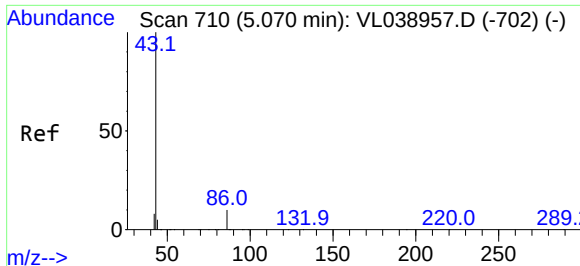


#22
 trans-1,2-Dichloroethene
 Concen: 10.627 ppbv
 RT: 4.861 min Scan# 645
 Delta R.T. -0.022 min
 Lab File: VL039013.D
 Acq: 10 May 2022 9:54



Tgt Ion: 96 Resp: 461710
 Ion Ratio Lower Upper
 96 100
 61 161.3 128.2 192.2
 98 62.9 50.1 75.1





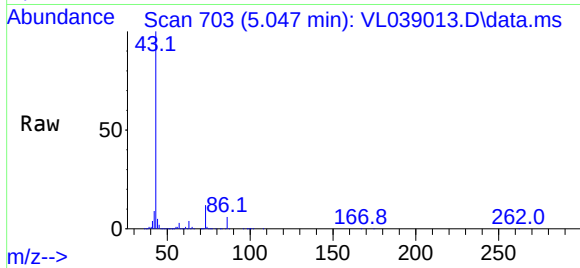
#23
 Vinyl Acetate
 Concen: 12.167 ppbv
 RT: 5.047 min Scan# 703
 Delta R.T. -0.022 min
 Lab File: VL039013.D
 Acq: 10 May 2022 9:54

Instrument :

MSVOA_L

ClientSampleId :

VL0509ABS01

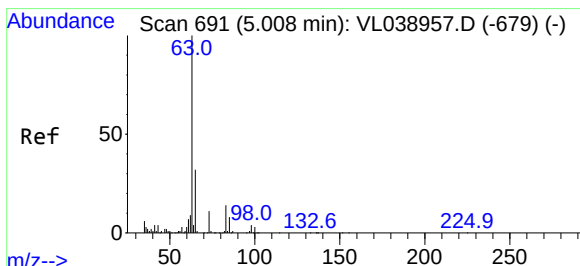
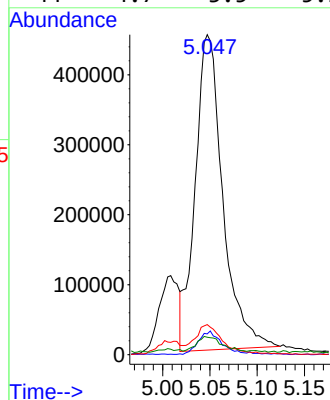
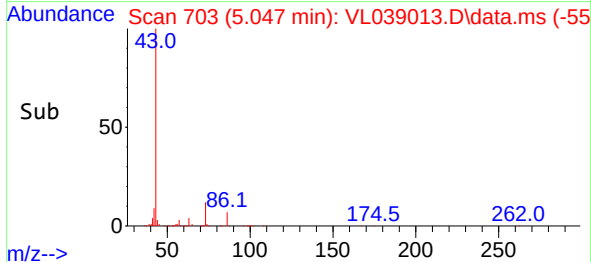


Tgt Ion: 43 Resp: 916429
 Ion Ratio Lower Upper
 43 100
 86 6.4 6.6 9.8
 42 9.4 8.1 12.1
 44 4.7 3.5 5.3

Manual Integrations

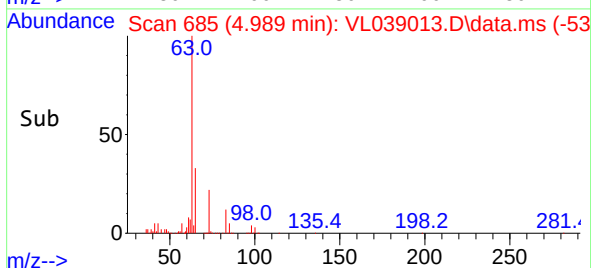
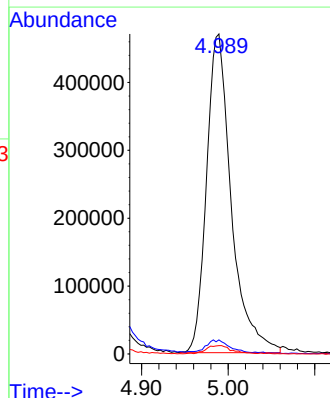
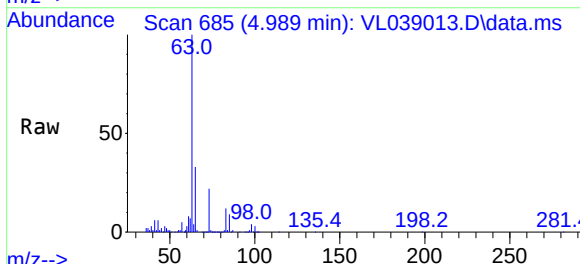
APPROVED

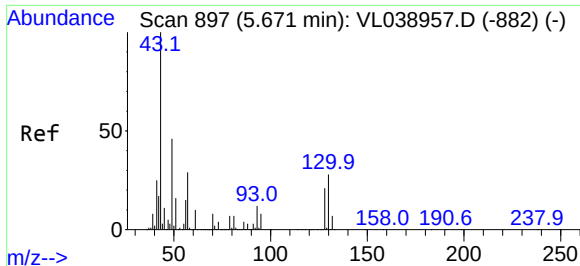
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#24
 1,1-Dichloroethane
 Concen: 10.758 ppbv
 RT: 4.989 min Scan# 685
 Delta R.T. -0.019 min
 Lab File: VL039013.D
 Acq: 10 May 2022 9:54

Tgt Ion: 63 Resp: 933052
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.2
 100 2.6 1.4 4.2





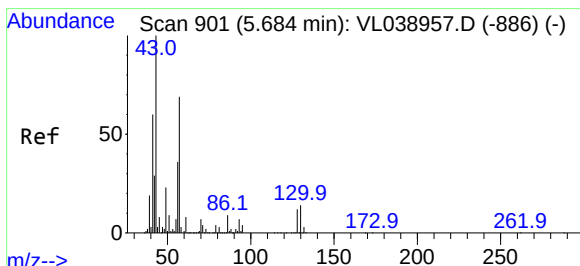
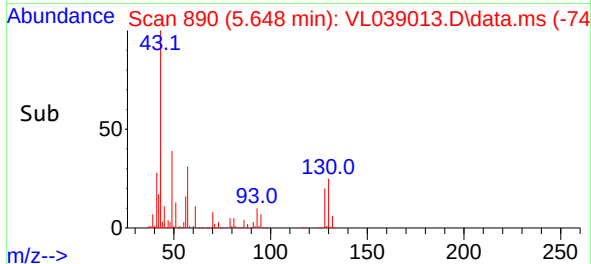
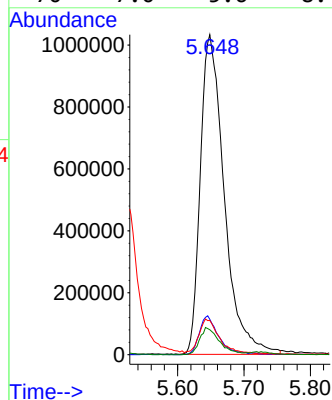
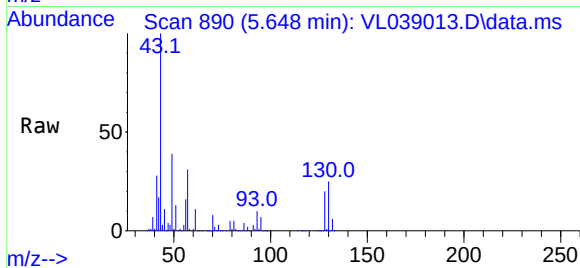
#25
Ethyl Acetate
Concen: 11.338 ppbv
RT: 5.648 min Scan# 891
Delta R.T. -0.022 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 43 Resp: 2583249
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 9.8 7.8 11.6
70 7.0 5.6 8.4

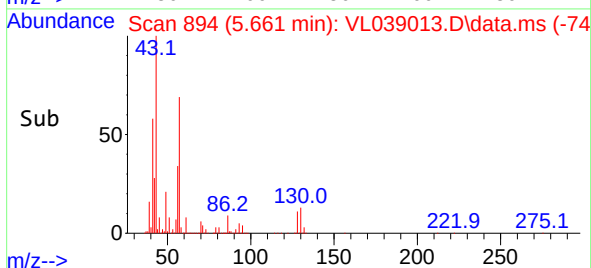
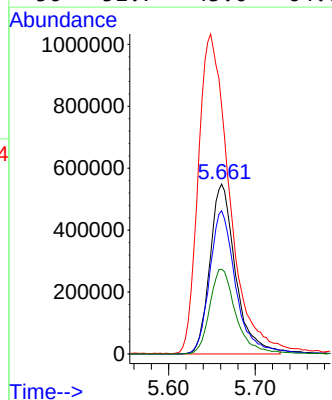
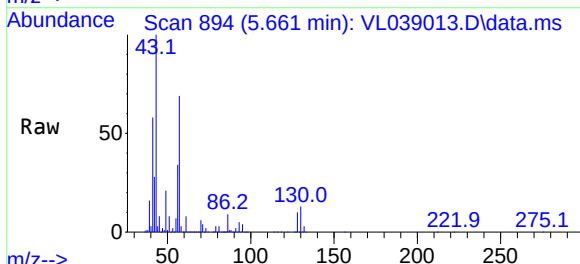
Manual Integrations
APPROVED

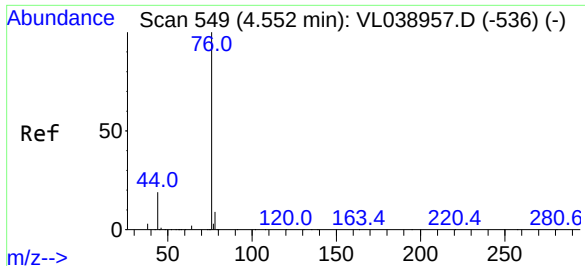
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#26
Hexane
Concen: 11.095 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.022 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Tgt Ion: 57 Resp: 1123261
Ion Ratio Lower Upper
57 100
41 87.5 75.2 112.8
43 232.3 190.8 286.2
56 51.7 43.0 64.6





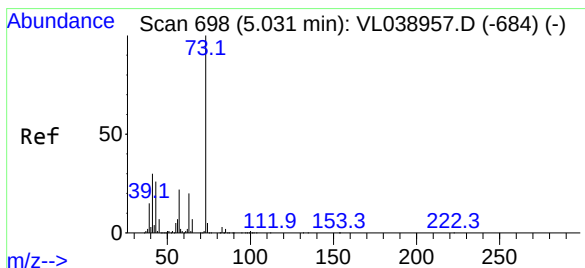
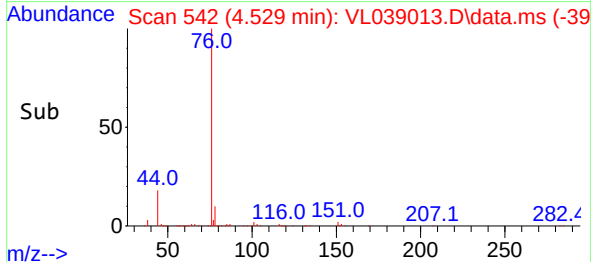
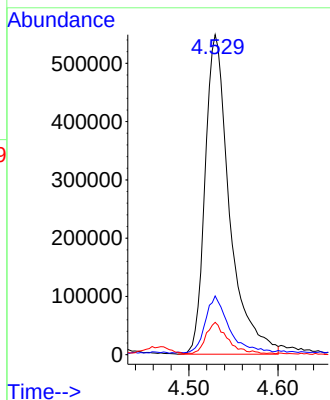
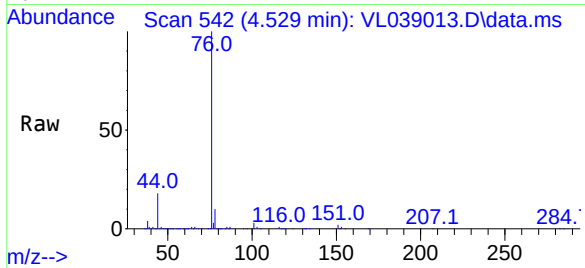
#27
Carbon Disulfide
Concen: 10.858 ppbv
RT: 4.529 min Scan# 549
Delta R.T. -0.022 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 76 Resp: 1044220
Ion Ratio Lower Upper
76 100
44 18.4 15.3 22.9
78 9.9 8.2 12.2

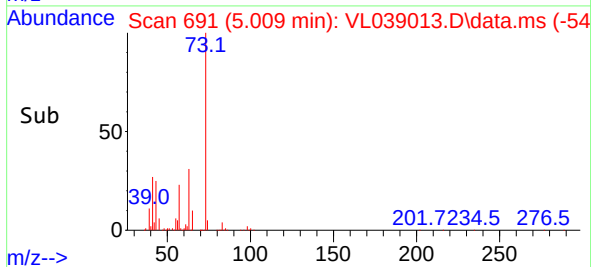
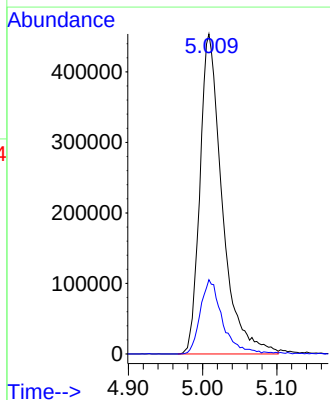
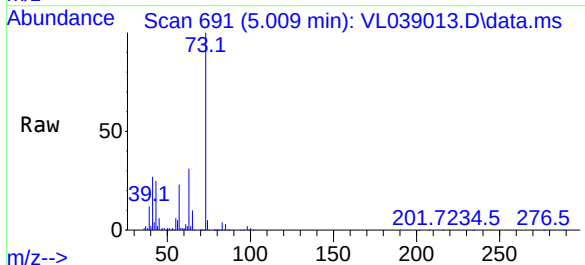
Manual Integrations
APPROVED

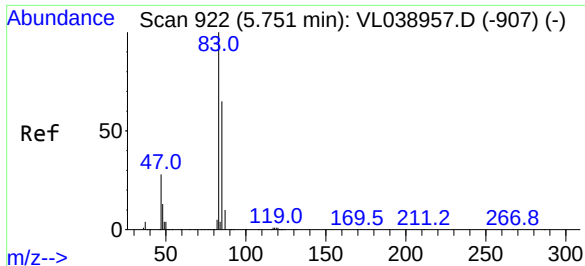
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#28
Methyl tert-Butyl Ether
Concen: 12.301 ppbv
RT: 5.009 min Scan# 691
Delta R.T. -0.022 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

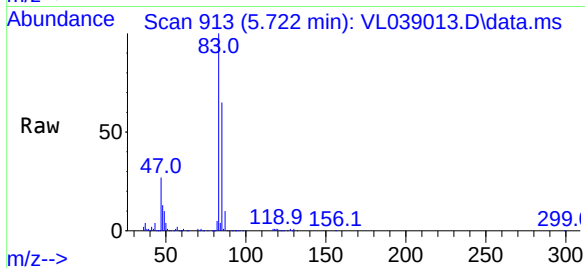
Tgt Ion: 73 Resp: 947487
Ion Ratio Lower Upper
73 100
57 23.3 18.8 28.2





#29
Chloroform
Concen: 9.995 ppbv
RT: 5.722 min Scan# 913
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

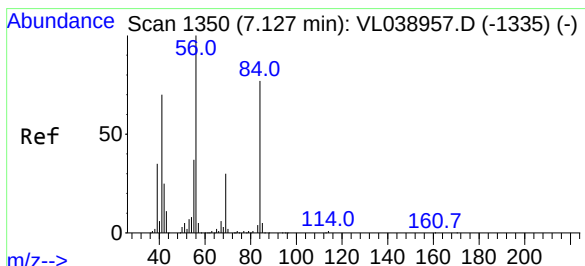
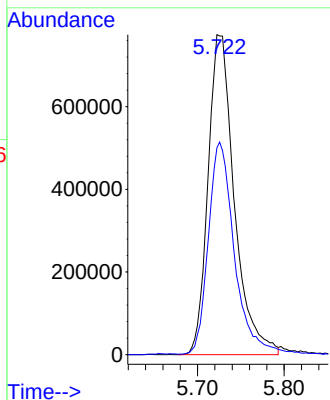
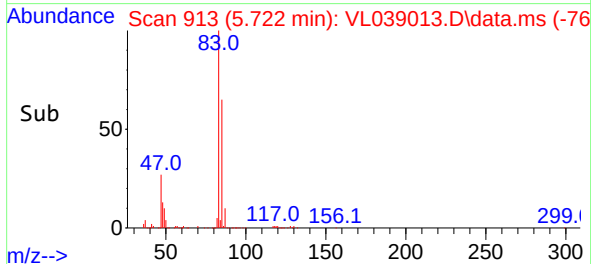
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



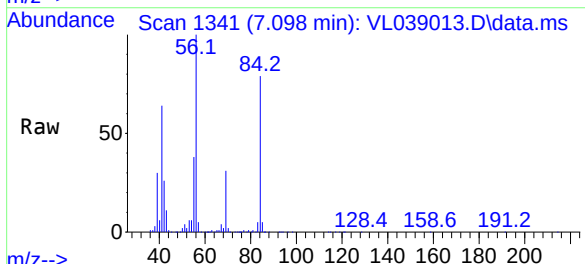
Tgt Ion: 83 Resp: 1637090
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.6

Manual Integrations
APPROVED

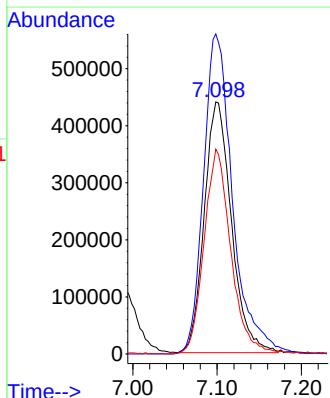
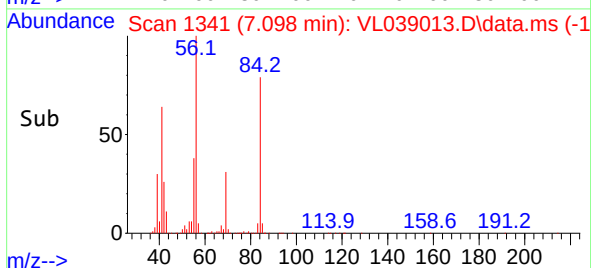
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

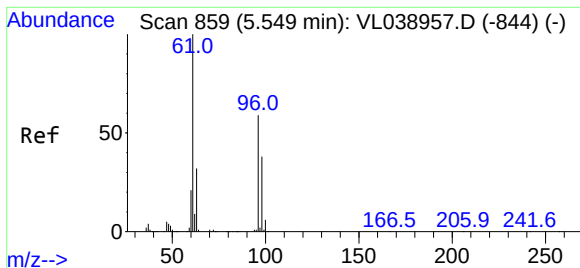


#30
Cyclohexane
Concen: 11.660 ppbv
RT: 7.098 min Scan# 1341
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



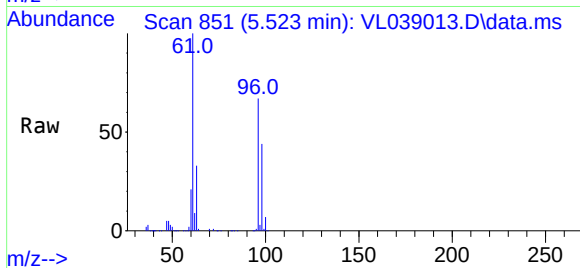
Tgt Ion: 84 Resp: 988294
Ion Ratio Lower Upper
84 100
56 137.1 115.3 172.9
41 80.9 72.0 108.0





#31
 cis-1,2-Dichloroethene
 Concen: 10.455 ppbv
 RT: 5.523 min Scan# 81
 Delta R.T. -0.026 min
 Lab File: VL039013.D
 Acq: 10 May 2022 9:54

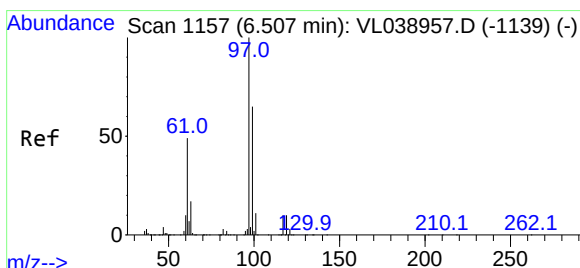
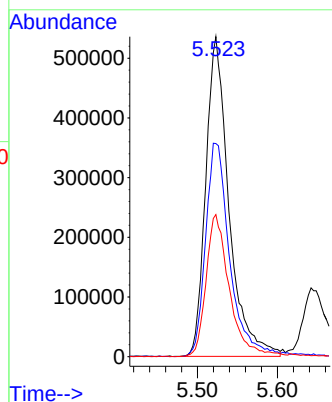
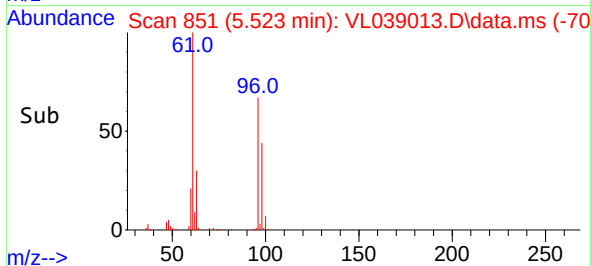
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01



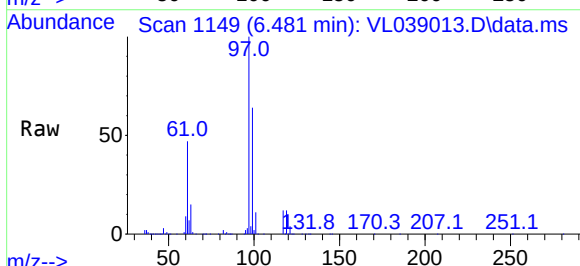
Tgt Ion: 61 Resp: 1078258
 Ion Ratio Lower Upper
 61 100
 96 66.6 47.4 71.0
 98 44.4 30.6 45.8

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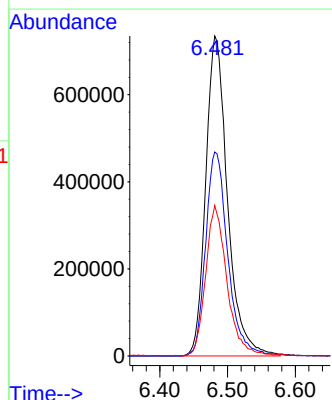
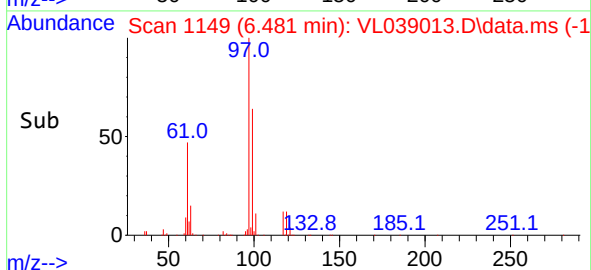
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022

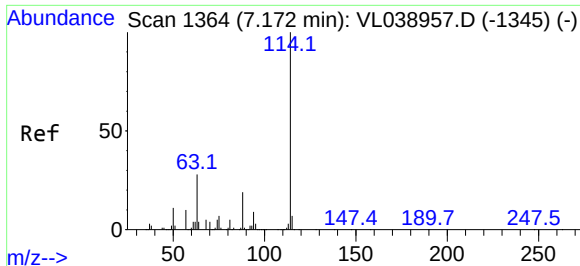


#32
 1,1,1-Trichloroethane
 Concen: 10.003 ppbv
 RT: 6.481 min Scan# 1149
 Delta R.T. -0.026 min
 Lab File: VL039013.D
 Acq: 10 May 2022 9:54



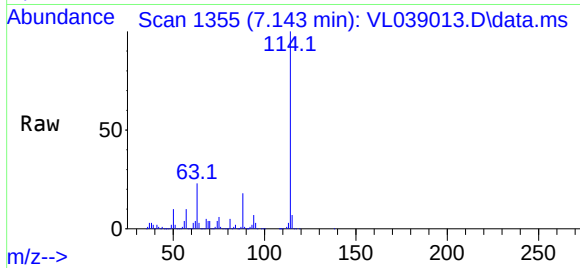
Tgt Ion: 97 Resp: 1638248
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.9 77.9
 61 46.2 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.143 min Scan# 114
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

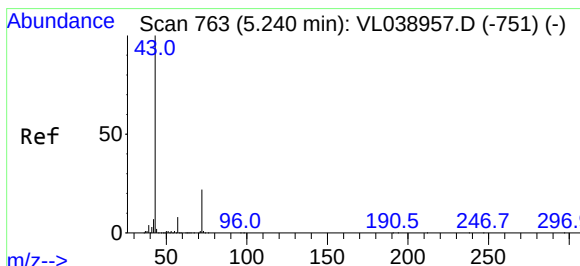
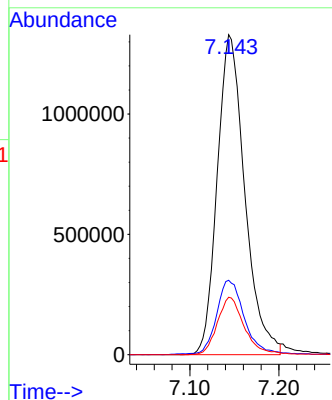
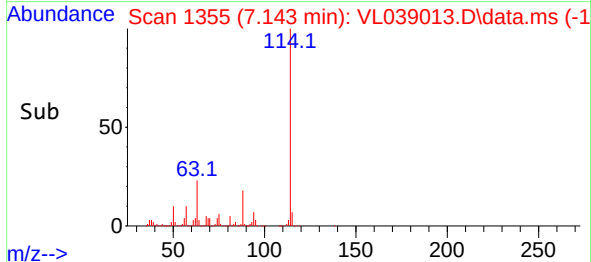
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



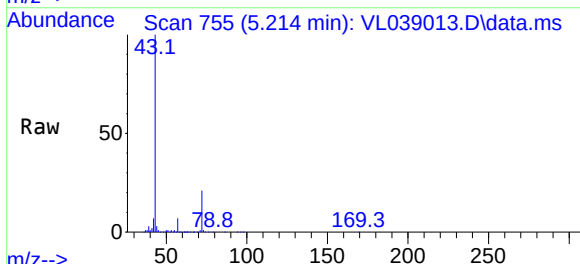
Tgt Ion:114 Resp: 2856184
Ion Ratio Lower Upper
114 100
63 24.0 22.6 33.8
88 17.8 15.4 23.0

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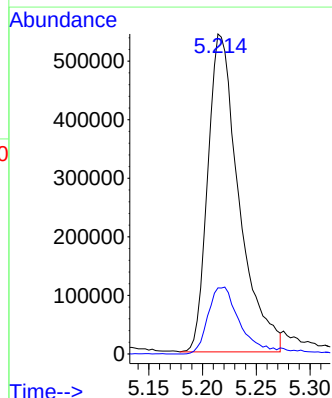
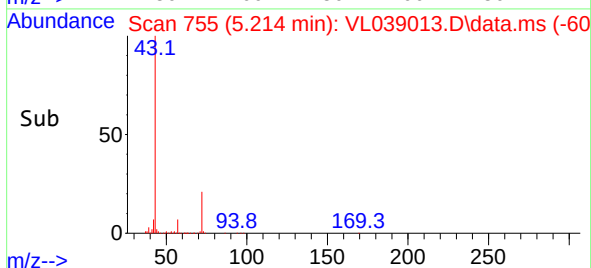
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

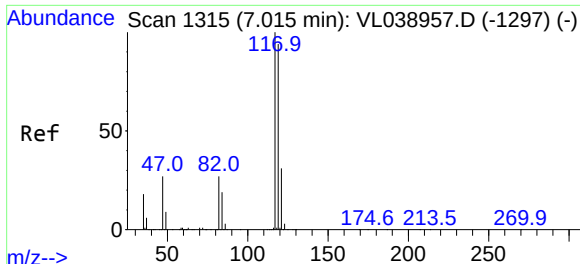


#34
2-Butanone
Concen: 7.509 ppbv
RT: 5.214 min Scan# 755
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



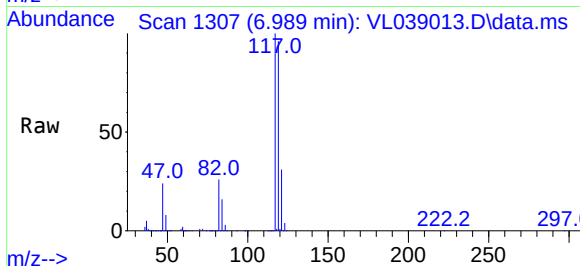
Tgt Ion: 43 Resp: 1094151
Ion Ratio Lower Upper
43 100
72 22.7 17.8 26.6





#35
Carbon Tetrachloride
Concen: 8.734 ppbv
RT: 6.989 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

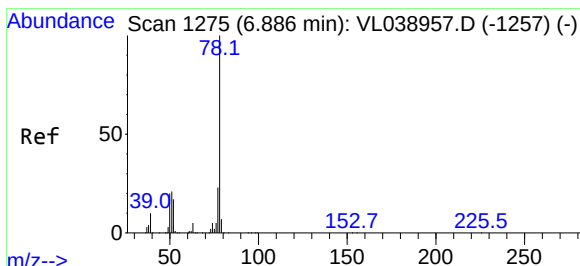
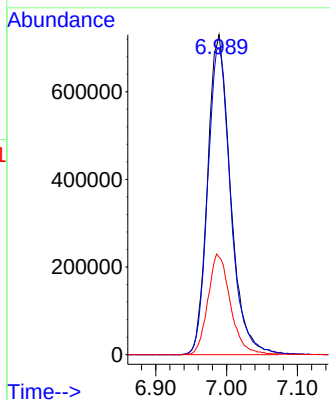
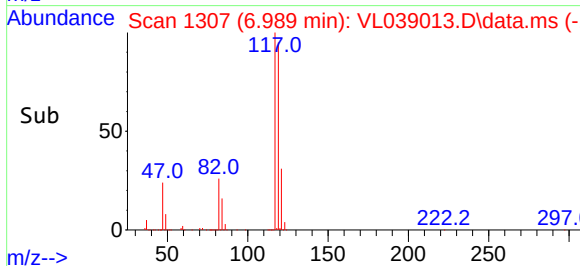
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



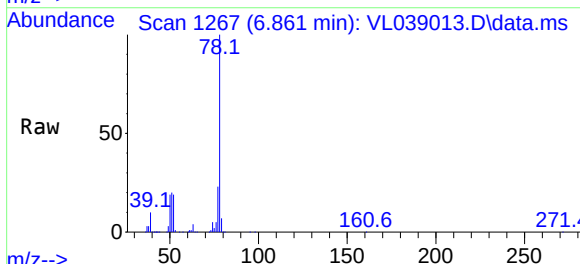
Tgt Ion: 117 Resp: 1643700
Ion Ratio Lower Upper
117 100
119 95.8 75.2 112.8
121 30.5 24.6 37.0

Manual Integrations
APPROVED

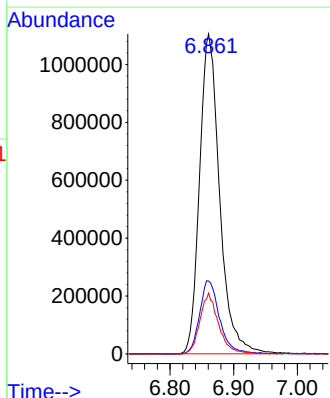
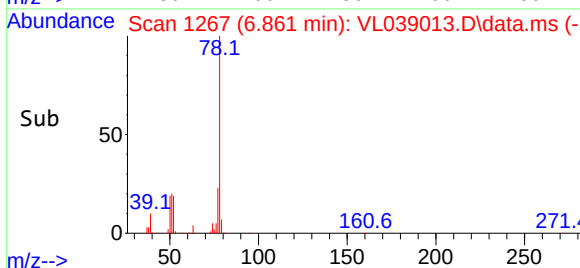
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

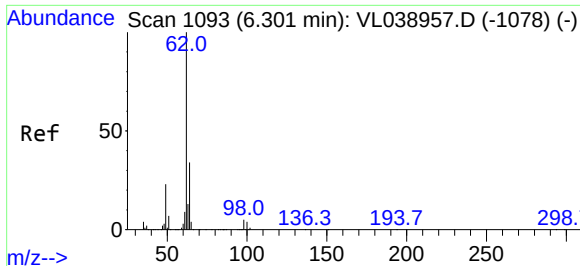


#36
Benzene
Concen: 9.905 ppbv
RT: 6.861 min Scan# 1267
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



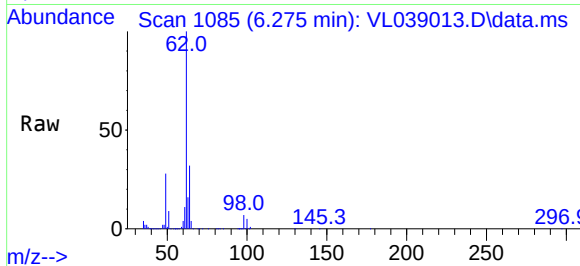
Tgt Ion: 78 Resp: 2421142
Ion Ratio Lower Upper
78 100
77 22.8 18.6 28.0
50 19.0 15.6 23.4





#37
1,2-Dichloroethane
Concen: 7.862 ppbv
RT: 6.275 min Scan# 1093
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

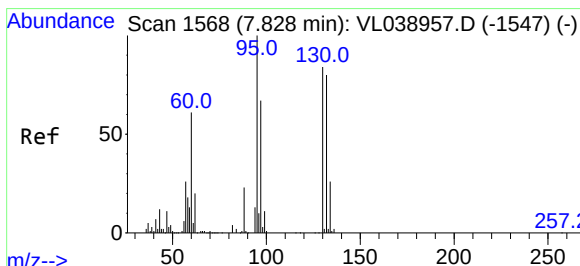
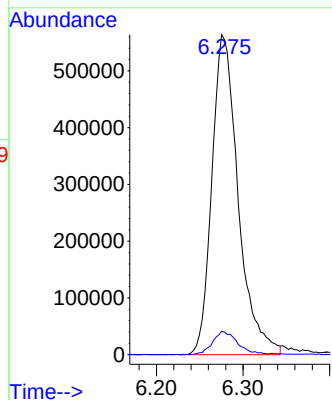
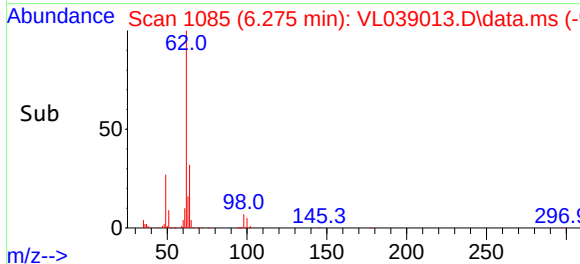
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 62 Resp: 1188979
Ion Ratio Lower Upper
62 100
98 7.3 4.5 6.7

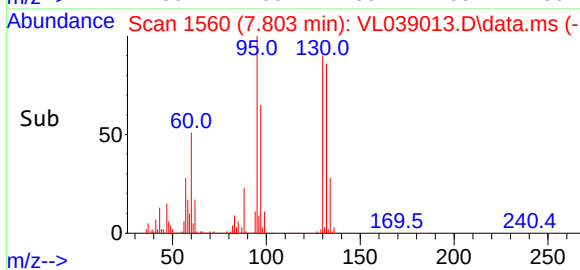
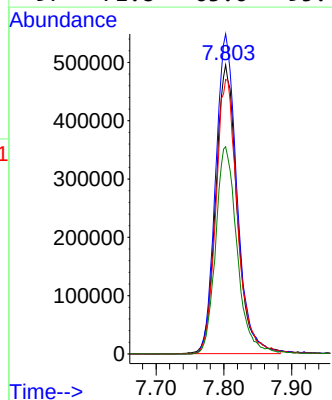
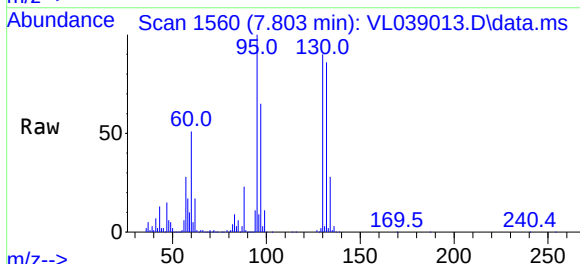
Manual Integrations
APPROVED

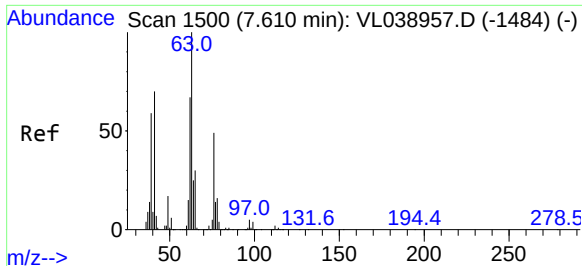
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#38
Trichloroethene
Concen: 9.958 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

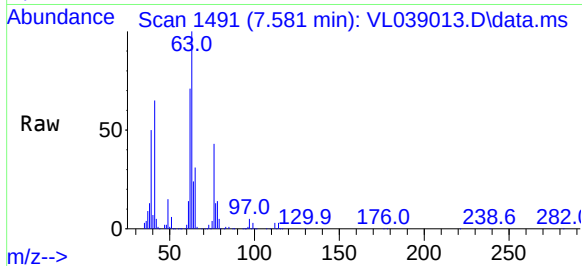
Tgt Ion:130 Resp: 1082009
Ion Ratio Lower Upper
130 100
95 110.8 94.8 142.2
132 95.0 75.8 113.8
97 71.8 63.6 95.4





#39
1,2-Dichloropropane
Concen: 9.734 ppbv
RT: 7.581 min Scan# 14
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

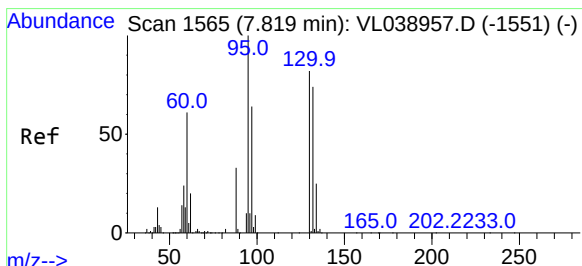
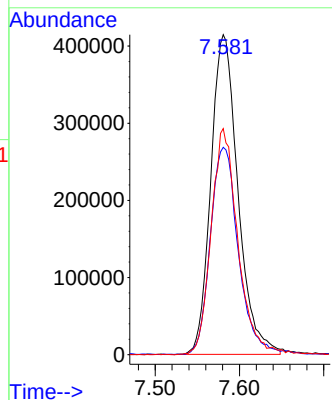
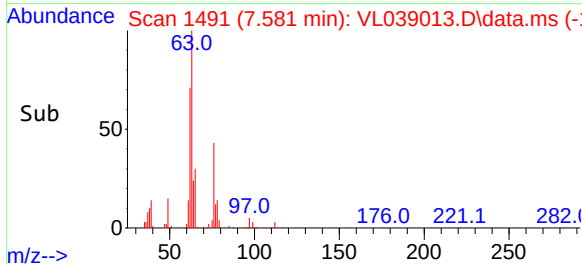
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



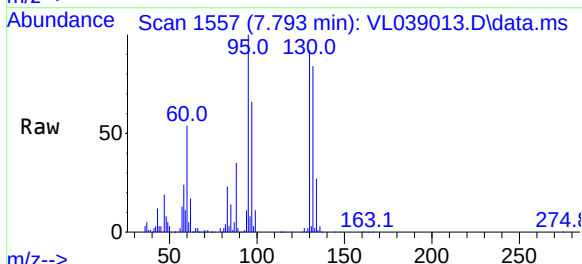
Tgt Ion: 63 Resp: 92574
Ion Ratio Lower Upper
63 100
41 64.7 55.9 83.9
62 70.6 53.8 80.6

Manual Integrations
APPROVED

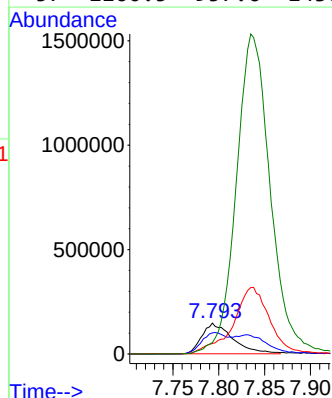
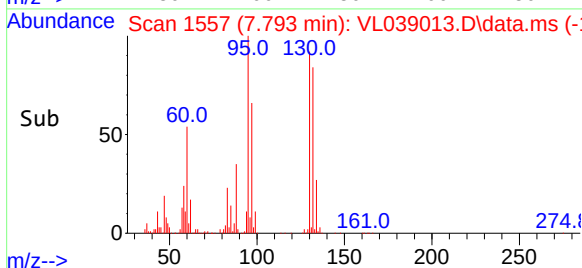
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

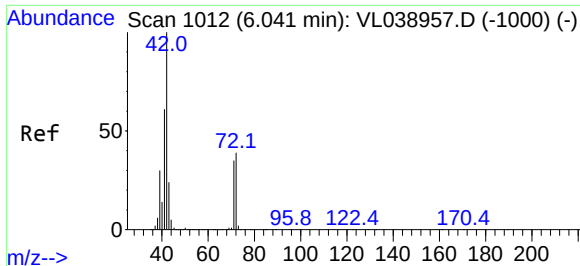


#40
1,4-Dioxane
Concen: 10.019 ppbv
RT: 7.793 min Scan# 1557
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



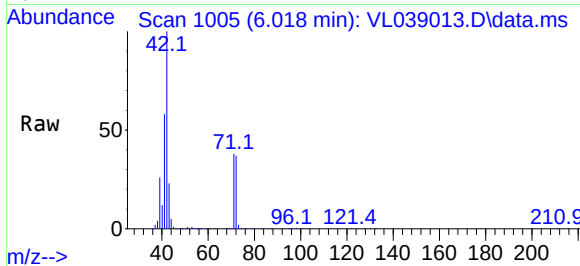
Tgt Ion: 88 Resp: 342235
Ion Ratio Lower Upper
88 100
58 127.7 106.1 159.1
43 257.8 222.9 334.3
57 1160.5 957.6 1436.4





#41
Tetrahydrofuran
Concen: 10.325 ppbv
RT: 6.018 min Scan# 1011158
Delta R.T. -0.022 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

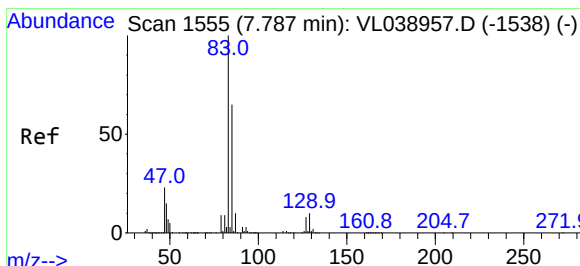
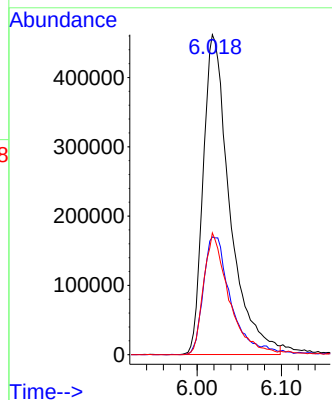
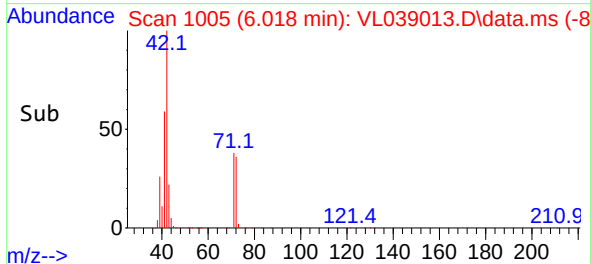
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



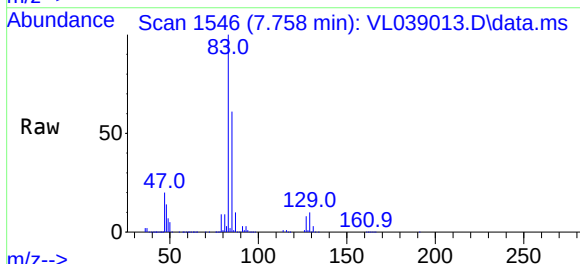
Tgt Ion: 42 Resp: 1011158
Ion Ratio Lower Upper
42 100
72 39.4 31.8 47.6
71 37.7 30.6 45.8

Manual Integrations
APPROVED

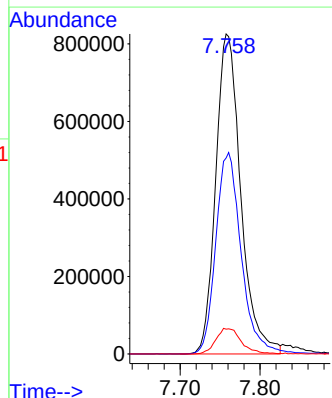
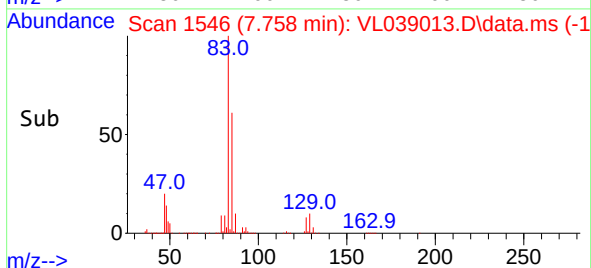
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

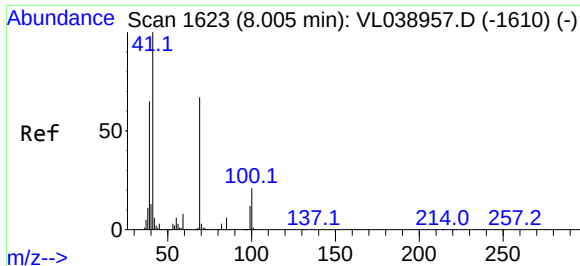


#42
Bromodichloromethane
Concen: 8.683 ppbv
RT: 7.758 min Scan# 1546
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



Tgt Ion: 83 Resp: 1795229
Ion Ratio Lower Upper
83 100
85 61.2 52.0 78.0
127 7.8 6.0 9.0





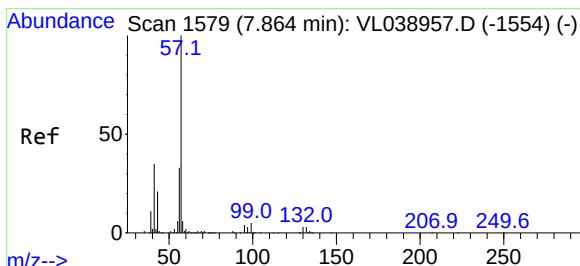
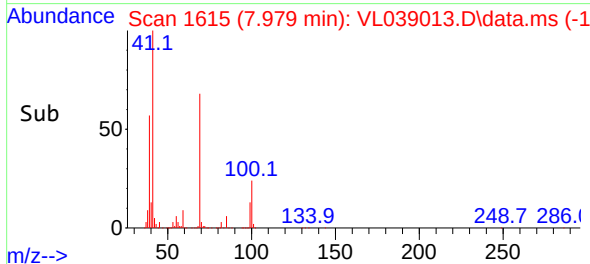
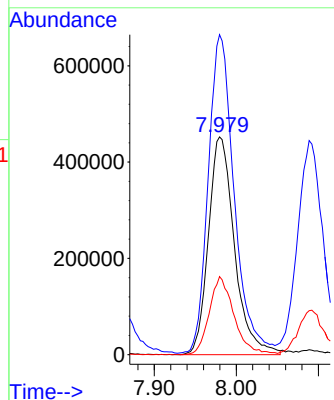
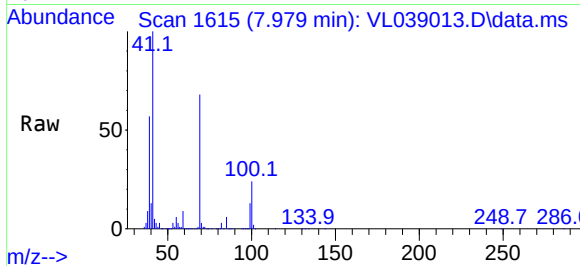
#43
Methyl Methacrylate
Concen: 10.066 ppbv
RT: 7.979 min Scan# 1615
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 69 Resp: 998850
Ion Ratio Lower Upper
69 100
41 145.6 121.9 182.9
100 34.0 24.6 36.8

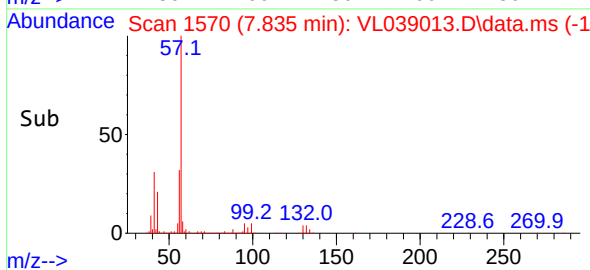
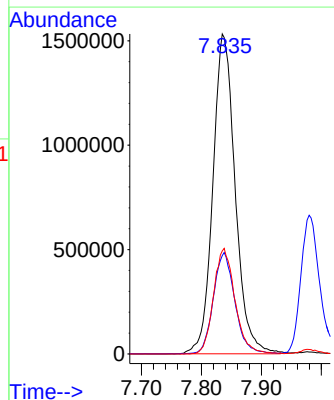
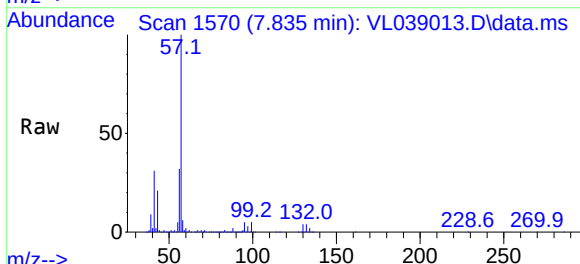
Manual Integrations
APPROVED

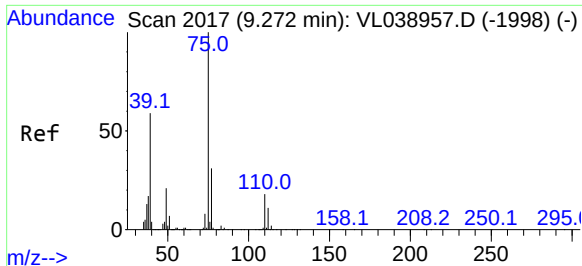
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#44
2,2,4-Trimethylpentane
Concen: 9.217 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Tgt Ion: 57 Resp: 3953330
Ion Ratio Lower Upper
57 100
41 30.7 26.3 39.5
56 31.8 24.6 37.0





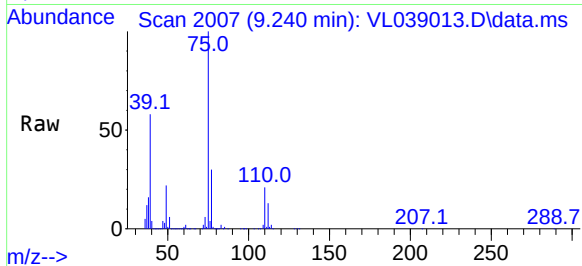
#45
t-1,3-Dichloropropene
Concen: 10.928 ppbv
RT: 9.240 min Scan# 2017
Delta R.T. -0.032 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :

MSVOA_L

ClientSampleId :

VL0509ABS01

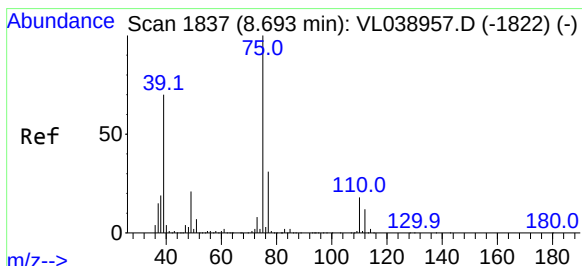
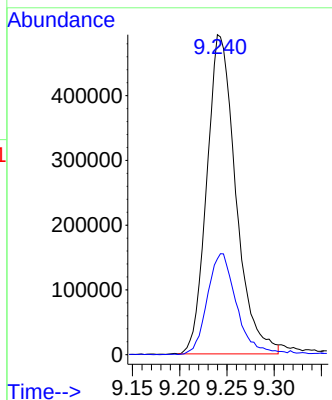
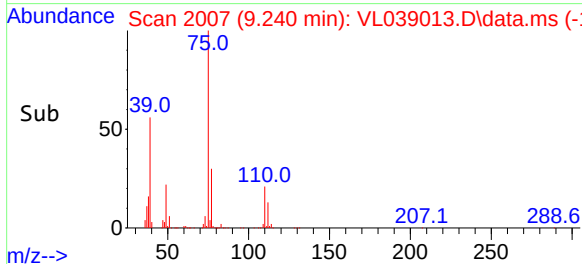


Tgt Ion: 75 Resp: 1049684
Ion Ratio Lower Upper
75 100
77 29.9 24.6 37.0

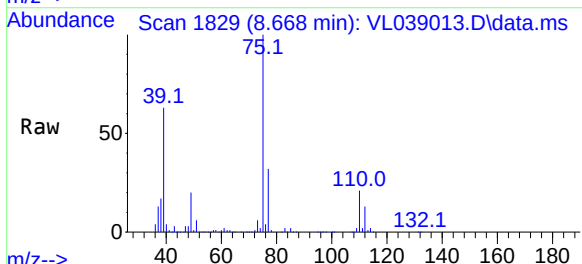
Manual Integrations

APPROVED

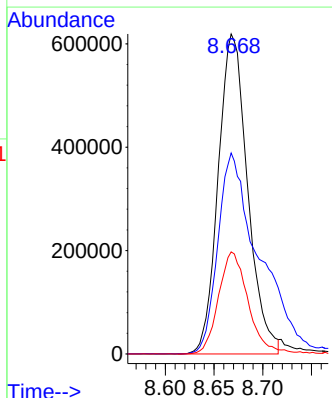
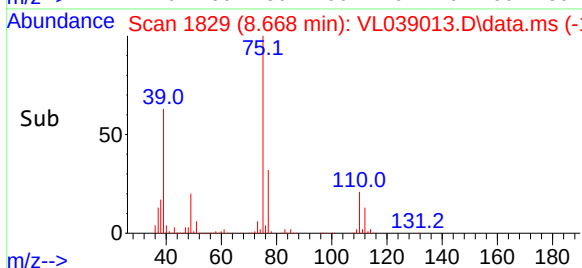
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

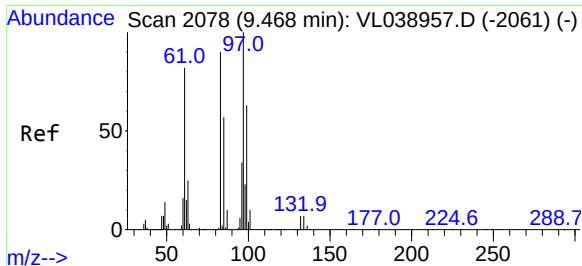


#46
cis-1,3-Dichloropropene
Concen: 10.200 ppbv
RT: 8.668 min Scan# 1829
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



Tgt Ion: 75 Resp: 1299317
Ion Ratio Lower Upper
75 100
39 62.7 55.8 83.6
77 31.9 24.8 37.2





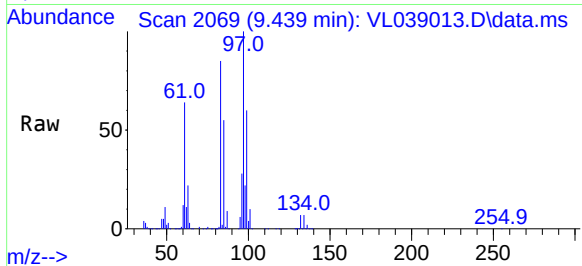
#47
1,1,2-Trichloroethane
Concen: 9.933 ppbv
RT: 9.439 min Scan# 2078
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :

MSVOA_L

ClientSampleId :

VL0509ABS01

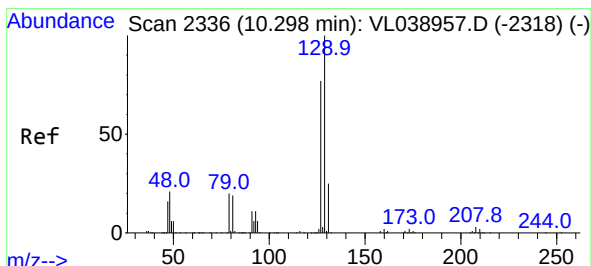
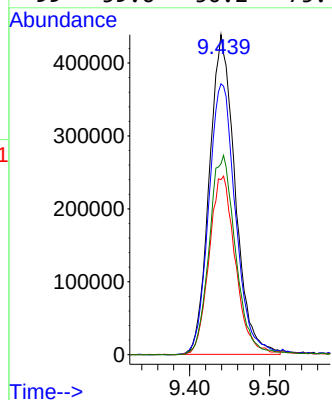
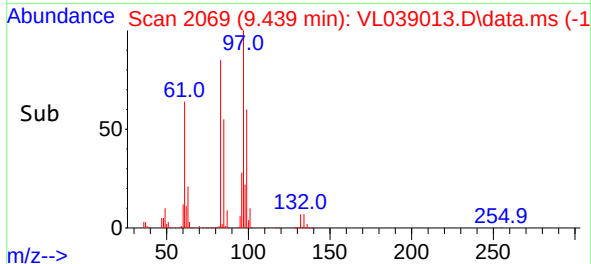


Tgt Ion: 97 Resp: 982550
Ion Ratio Lower Upper
97 100
83 84.5 72.0 108.0
85 54.7 45.7 68.5
99 59.6 50.2 75.4

Manual Integrations

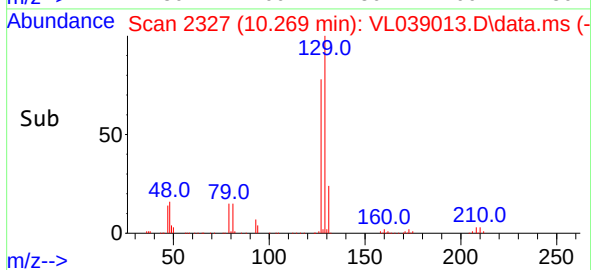
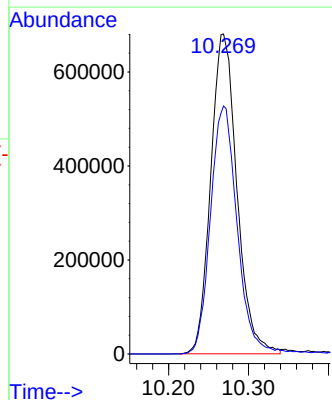
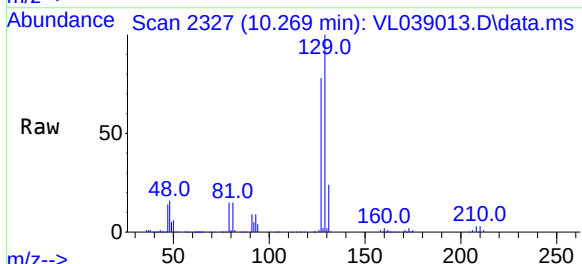
APPROVED

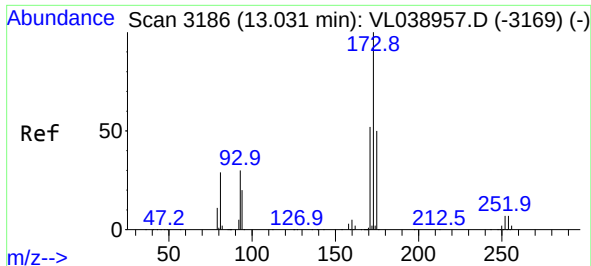
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#48
Dibromochloromethane
Concen: 9.619 ppbv
RT: 10.269 min Scan# 2327
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Tgt Ion:129 Resp: 1548658
Ion Ratio Lower Upper
129 100
127 79.1 39.3 117.9





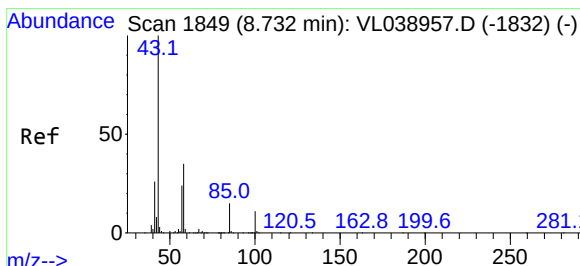
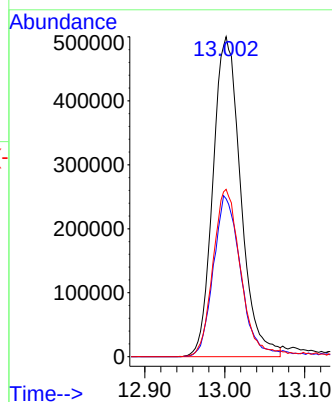
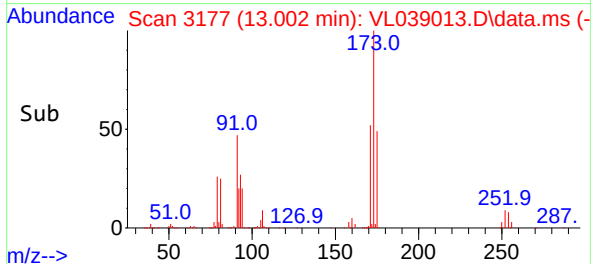
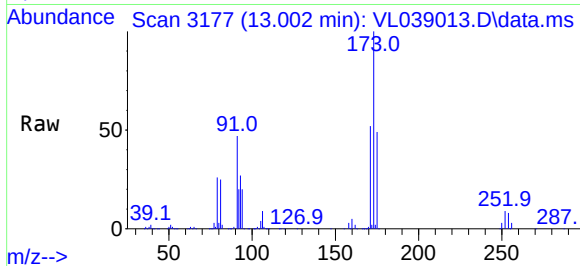
#49
Bromoform
Concen: 9.820 ppbv
RT: 13.002 min Scan# 3186
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion:173 Resp: 1205752
Ion Ratio Lower Upper
173 100
175 51.9 41.0 61.6
171 53.5 42.6 64.0

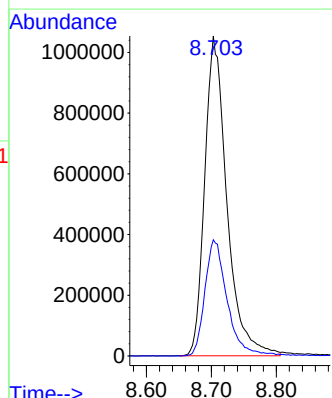
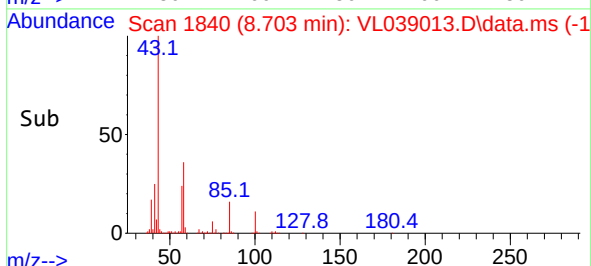
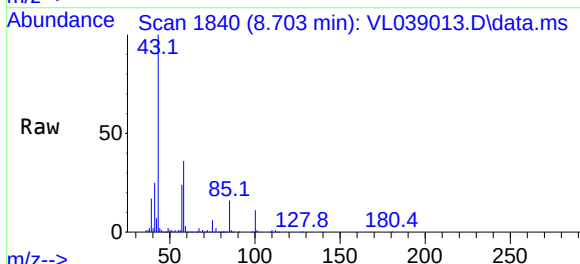
Manual Integrations
APPROVED

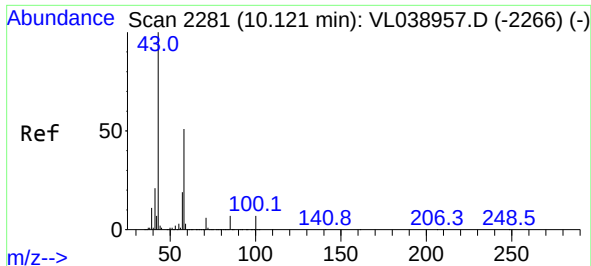
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#50
4-Methyl-2-Pentanone
Concen: 9.789 ppbv
RT: 8.703 min Scan# 1840
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

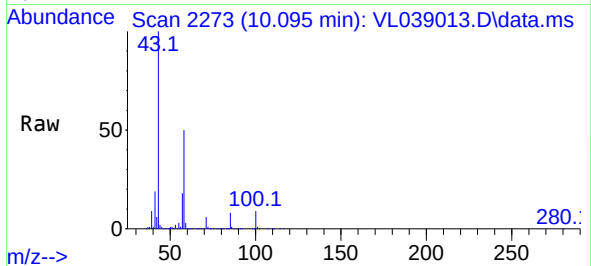
Tgt Ion: 43 Resp: 2501202
Ion Ratio Lower Upper
43 100
58 36.9 28.4 42.6





#51
2-Hexanone
Concen: 10.806 ppbv
RT: 10.095 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

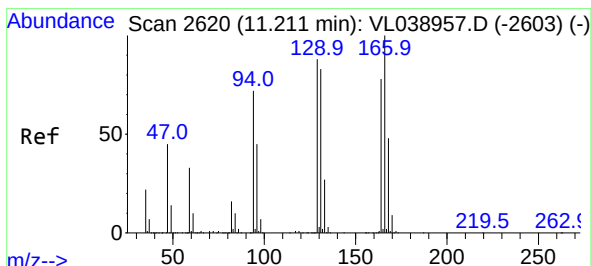
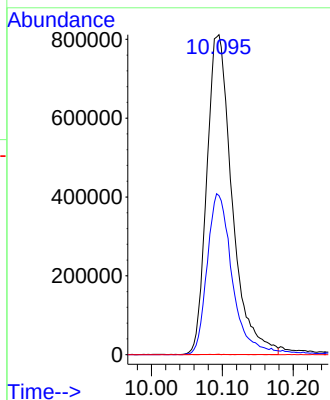
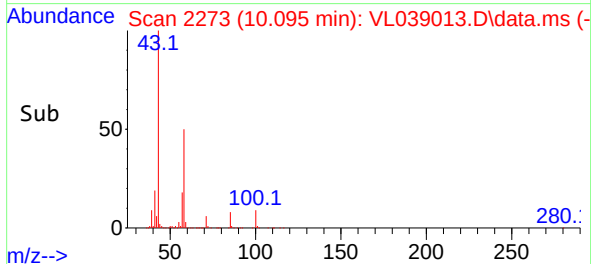
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



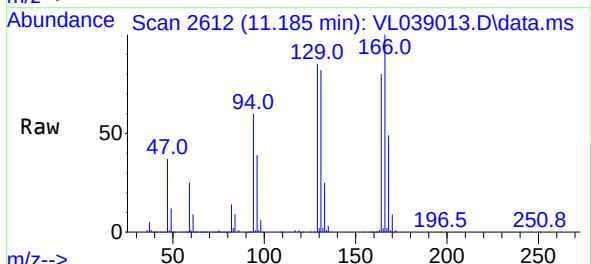
Tgt Ion: 43 Resp: 201510
Ion Ratio Lower Upper
43 100
58 51.0 39.3 58.9
98 0.1 0.2 0.2

Manual Integrations
APPROVED

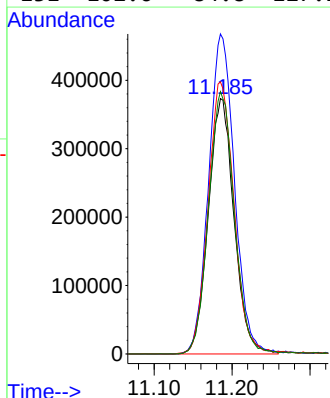
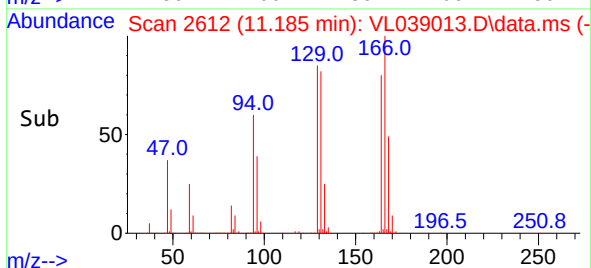
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

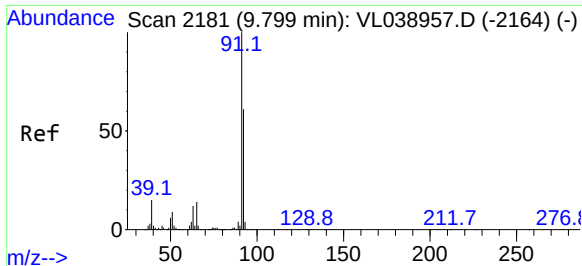


#52
Tetrachloroethene
Concen: 9.790 ppbv
RT: 11.185 min Scan# 2612
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



Tgt Ion:164 Resp: 855144
Ion Ratio Lower Upper
164 100
166 125.2 102.5 153.7
129 106.3 90.1 135.1
131 102.6 84.8 127.2





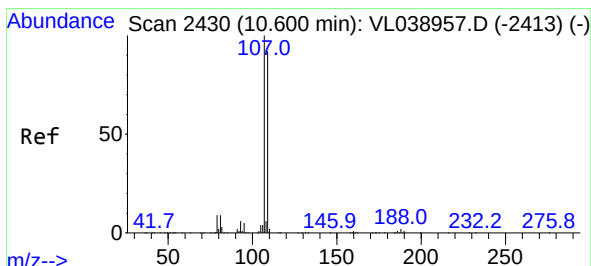
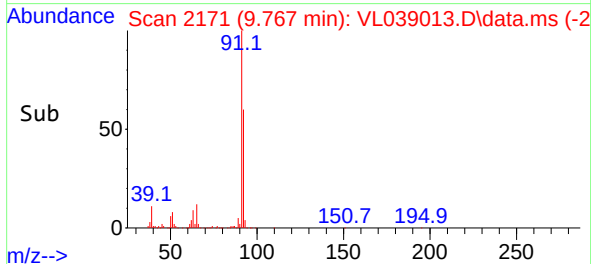
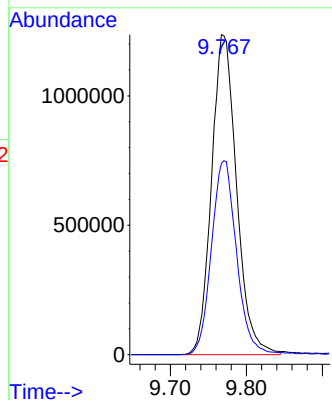
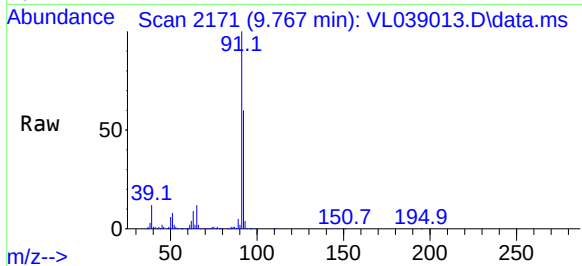
#53
Toluene
Concen: 10.336 ppbv
RT: 9.767 min Scan# 2181
Delta R.T. -0.032 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 91 Resp: 283167
Ion Ratio Lower Upper
91 100
92 61.3 48.2 72.2

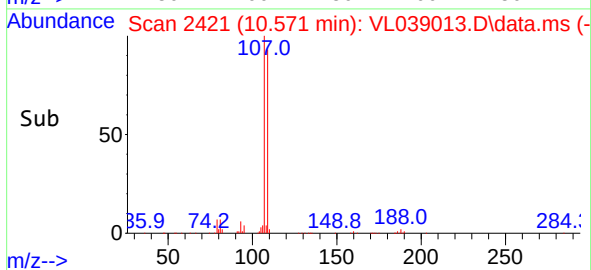
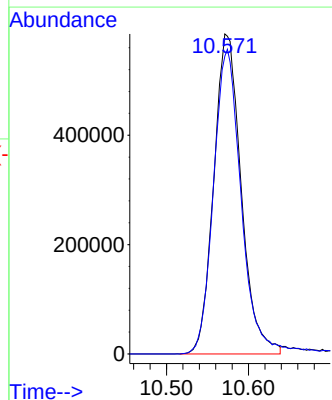
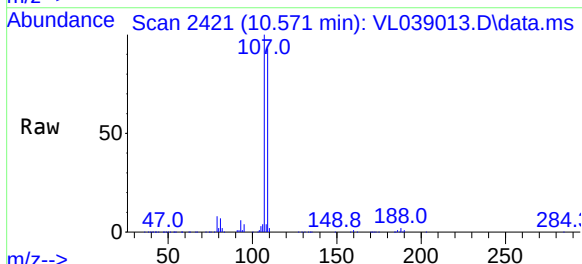
Manual Integrations
APPROVED

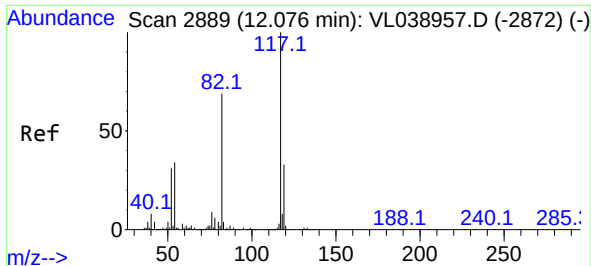
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#54
1,2-Dibromoethane
Concen: 10.073 ppbv
RT: 10.571 min Scan# 2421
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

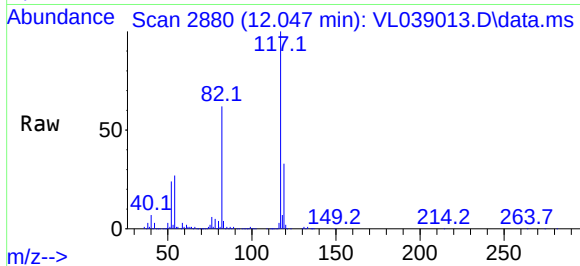
Tgt Ion:107 Resp: 1356446
Ion Ratio Lower Upper
107 100
109 93.1 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.047 min Scan# 2889
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

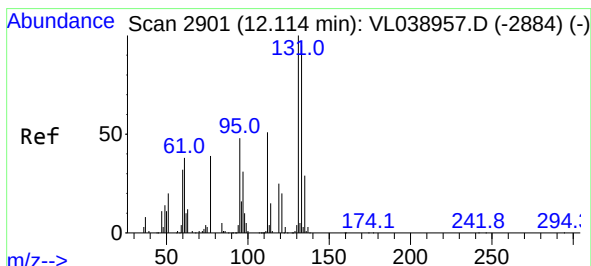
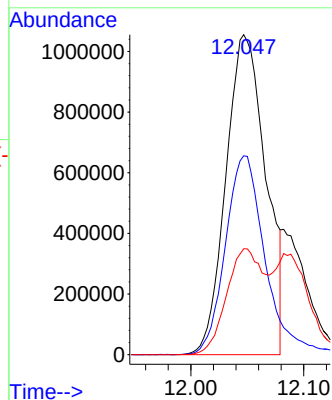
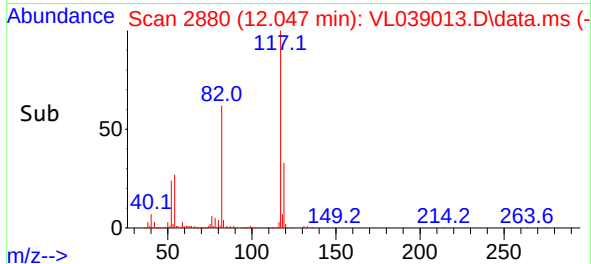
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



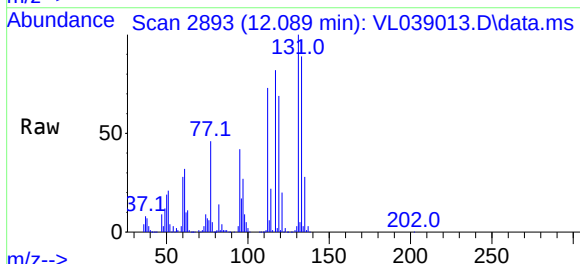
Tgt Ion:117 Resp: 259136
Ion Ratio Lower Upper
117 100
82 64.6 57.0 85.6
119 31.2 27.2 40.8

Manual Integrations
APPROVED

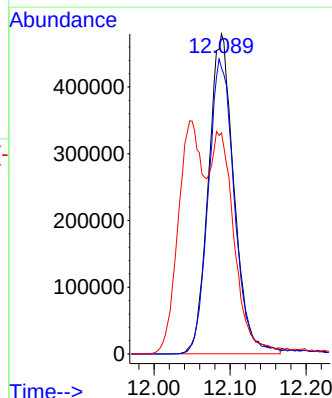
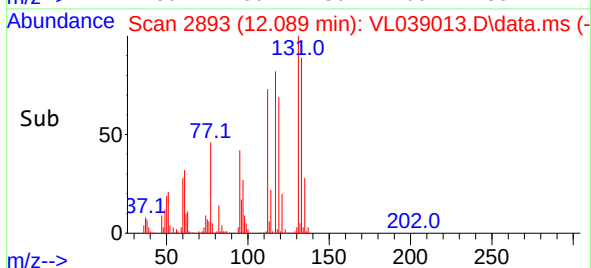
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

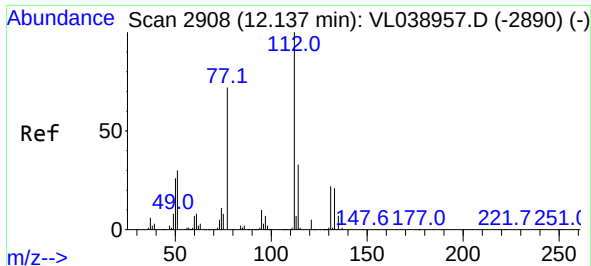


#56
1,1,1,2-Tetrachloroethane
Concen: 9.801 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



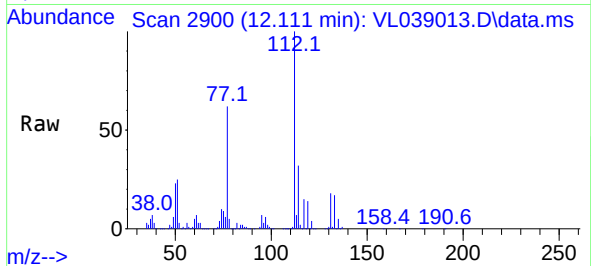
Tgt Ion:131 Resp: 1114407
Ion Ratio Lower Upper
131 100
133 96.4 76.9 115.3
119 65.6 47.4 71.0





#57
Chlorobenzene
Concen: 10.517 ppbv
RT: 12.111 min Scan# 2908
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

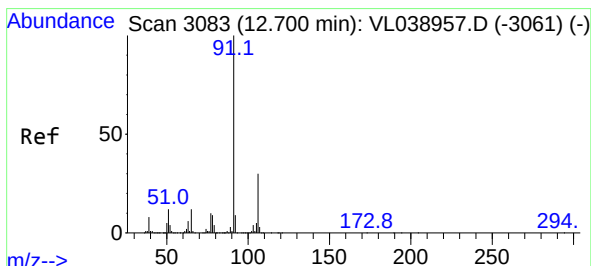
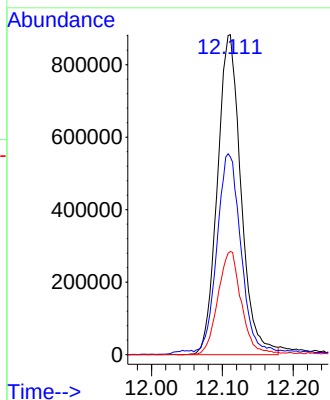
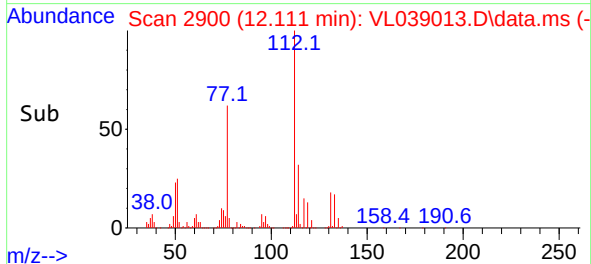
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



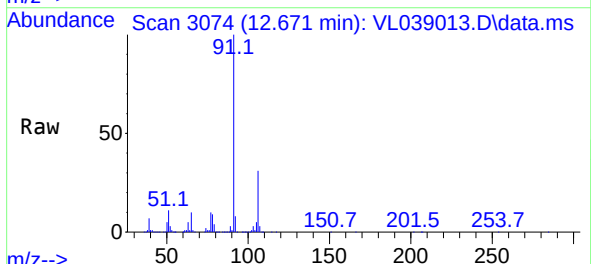
Tgt Ion:112 Resp: 204282
Ion Ratio Lower Upper
112 100
77 60.9 57.7 86.5
114 32.2 30.1 36.7

Manual Integrations
APPROVED

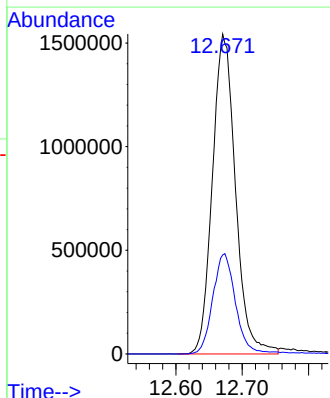
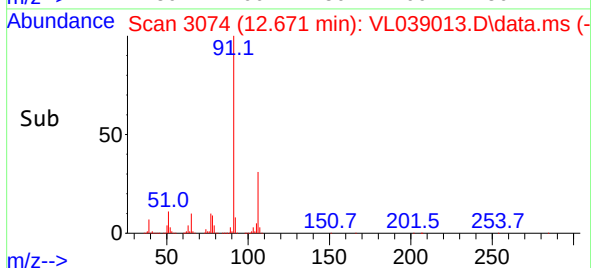
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

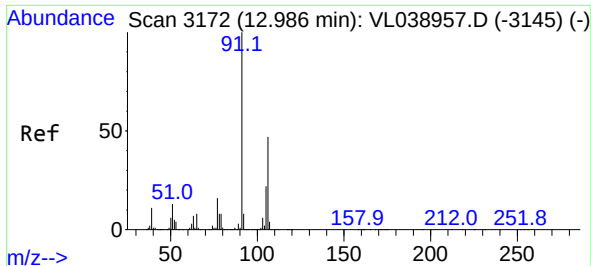


#58
Ethyl Benzene
Concen: 10.011 ppbv
RT: 12.671 min Scan# 3074
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



Tgt Ion: 91 Resp: 3733558
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4





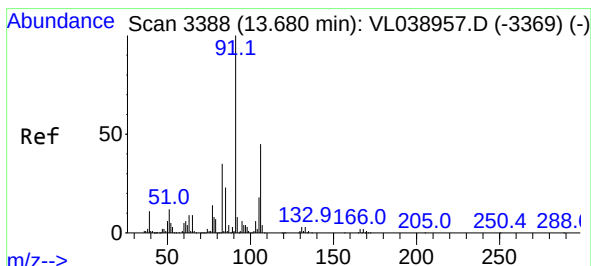
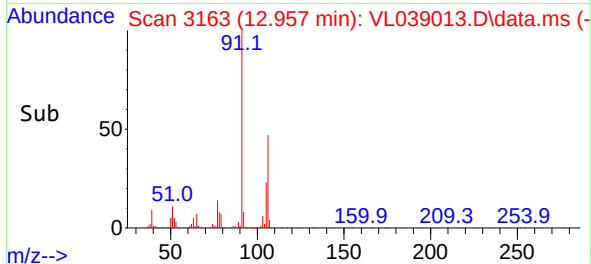
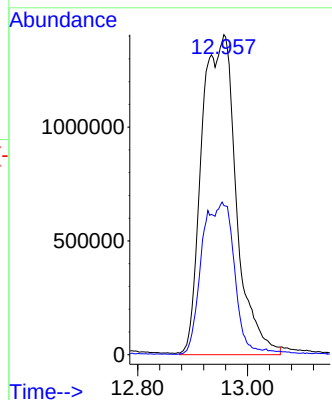
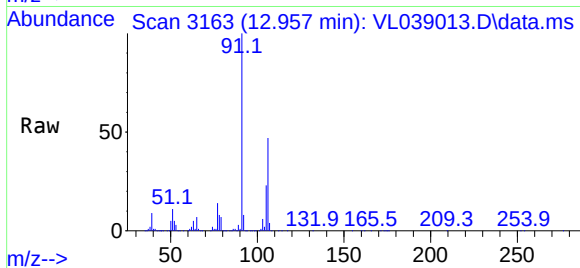
#59
m/p-Xylene
Concen: 19.167 ppbv m
RT: 12.957 min Scan# 3172
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 91 Resp: 610232
Ion Ratio Lower Upper
91 100
106 46.0 34.6 52.0

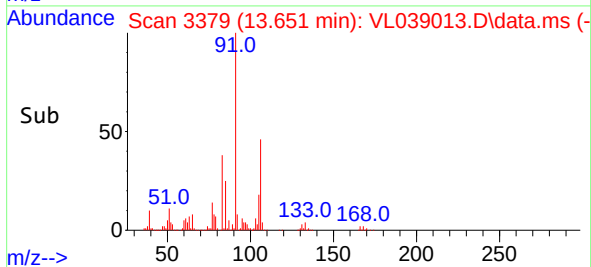
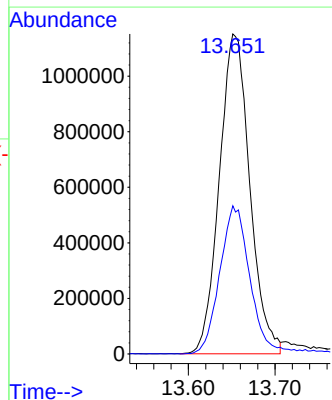
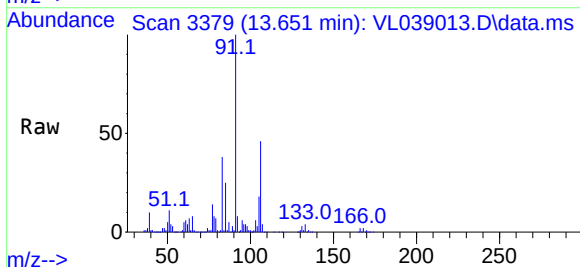
Manual Integrations
APPROVED

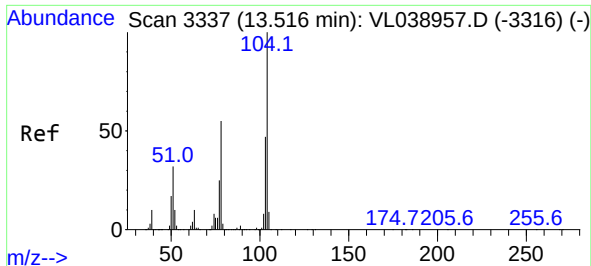
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#60
o-Xylene
Concen: 9.394 ppbv
RT: 13.651 min Scan# 3379
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Tgt Ion: 91 Resp: 2814808
Ion Ratio Lower Upper
91 100
106 47.1 22.2 66.6





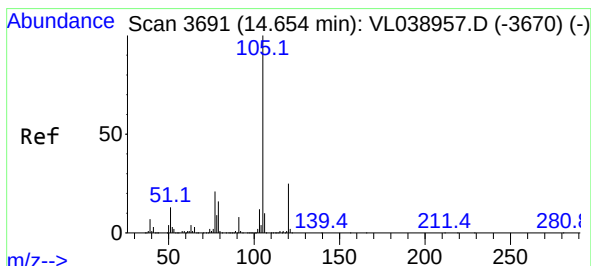
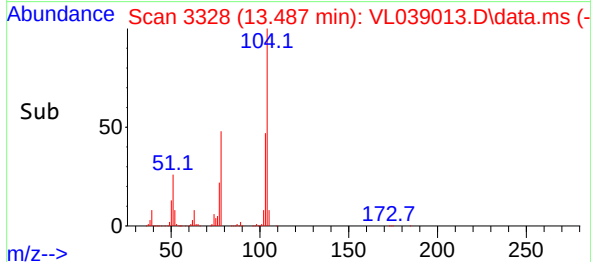
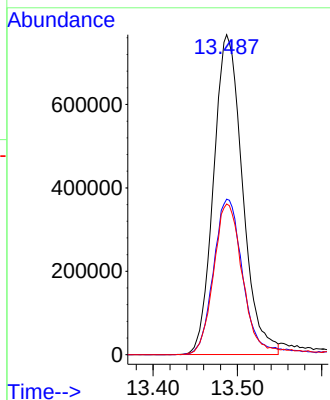
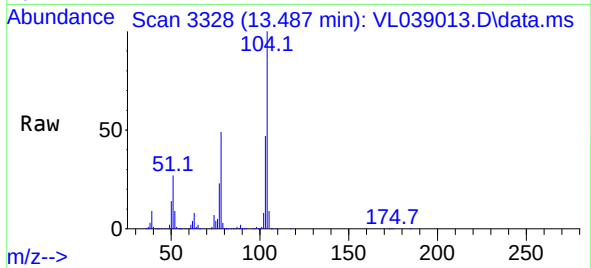
#61
Styrene
Concen: 11.437 ppbv
RT: 13.487 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion:104 Resp: 1829590
Ion Ratio Lower Upper
104 100
78 50.1 46.4 69.6
103 48.3 39.3 58.9

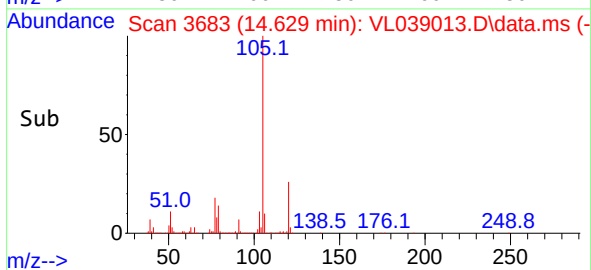
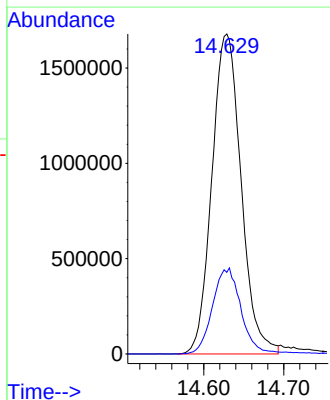
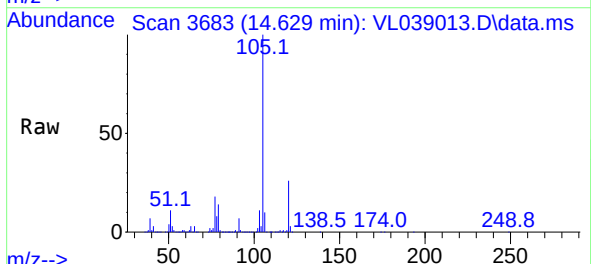
Manual Integrations
APPROVED

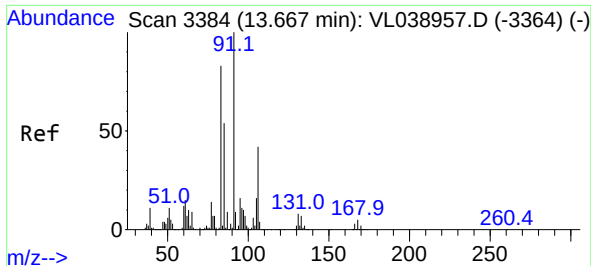
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#62
Isopropylbenzene
Concen: 9.709 ppbv
RT: 14.629 min Scan# 3683
Delta R.T. -0.025 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

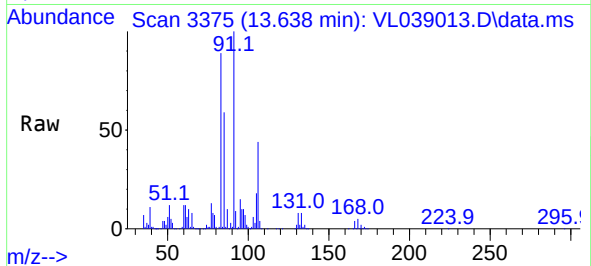
Tgt Ion:105 Resp: 4254555
Ion Ratio Lower Upper
105 100
120 26.6 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 9.187 ppbv
RT: 13.638 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

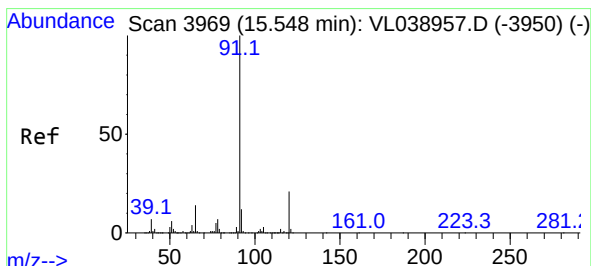
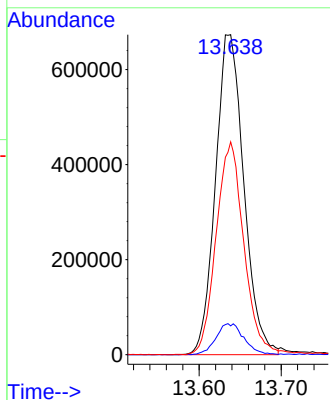
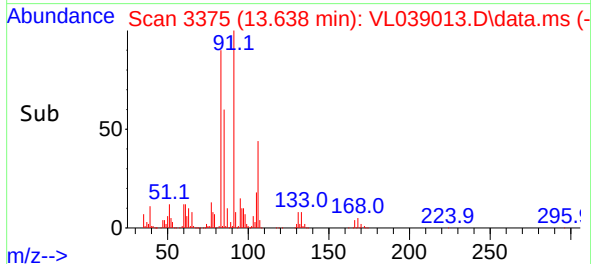
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



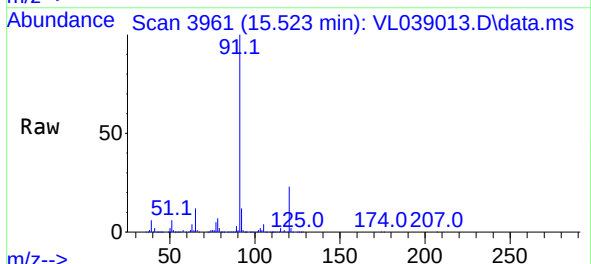
Tgt Ion: 83 Resp: 1620978
Ion Ratio Lower Upper
83 100
131 9.7 4.5 13.7
85 65.8 32.8 98.3

Manual Integrations
APPROVED

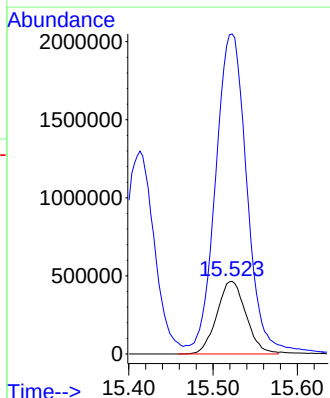
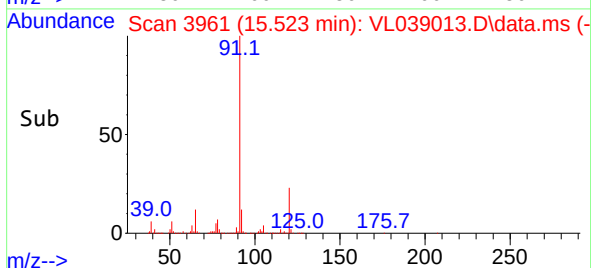
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

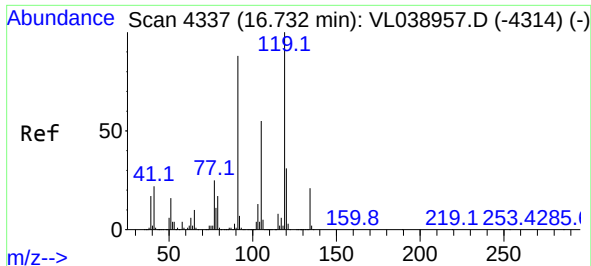


#64
n-propylbenzene
Concen: 10.547 ppbv
RT: 15.523 min Scan# 3961
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



Tgt Ion:120 Resp: 1117352
Ion Ratio Lower Upper
120 100
91 476.8 400.6 601.0





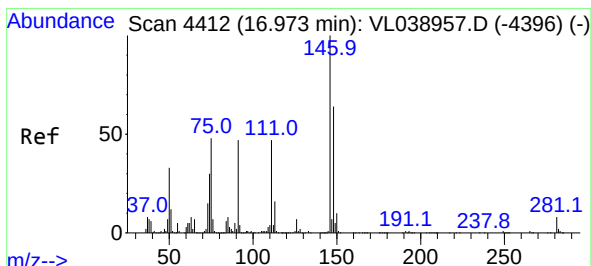
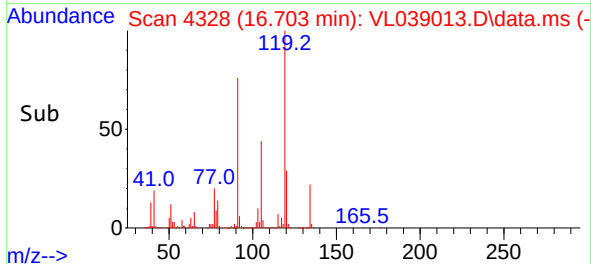
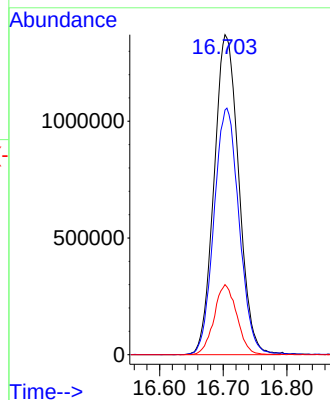
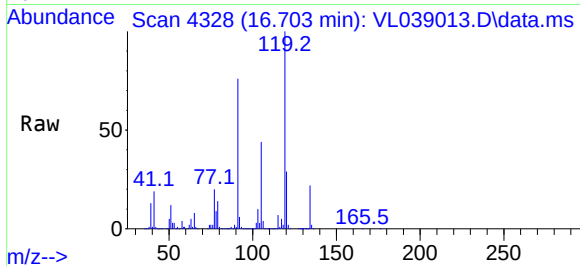
#65
tert-Butylbenzene
Concen: 9.617 ppbv
RT: 16.703 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 119 Resp: 369238
Ion Ratio Lower Upper
119 100
91 78.4 69.4 104.2
134 20.2 15.8 23.8

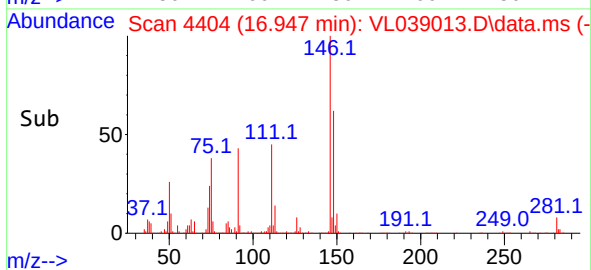
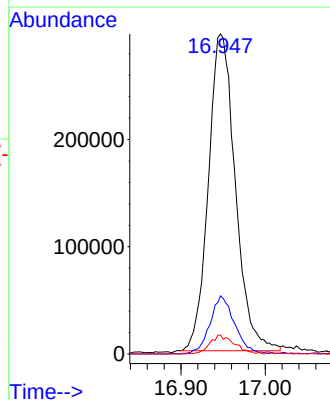
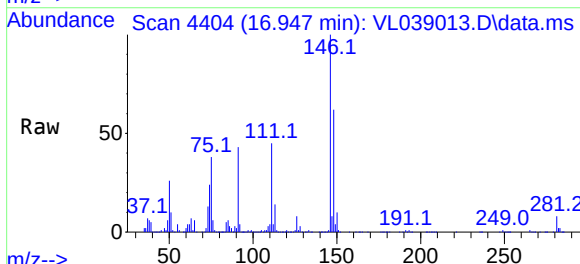
Manual Integrations
APPROVED

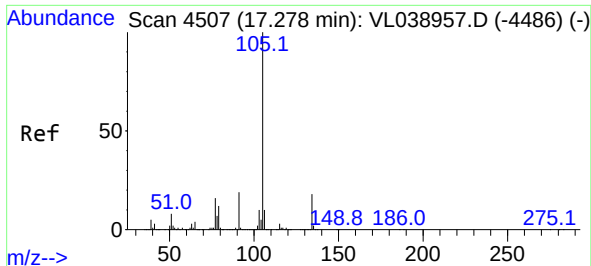
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#66
Benzyl Chloride
Concen: 13.110 ppbv
RT: 16.947 min Scan# 4404
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

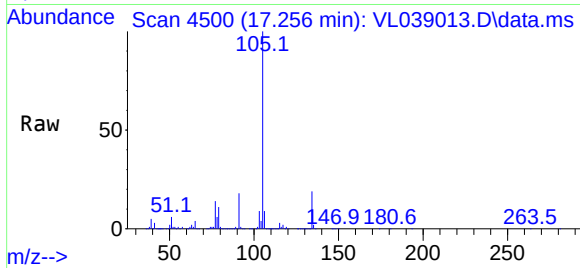
Tgt Ion: 91 Resp: 657953
Ion Ratio Lower Upper
91 100
126 17.1 11.8 17.6
128 5.6 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 9.615 ppbv
 RT: 17.256 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL039013.D
 Acq: 10 May 2022 9:54

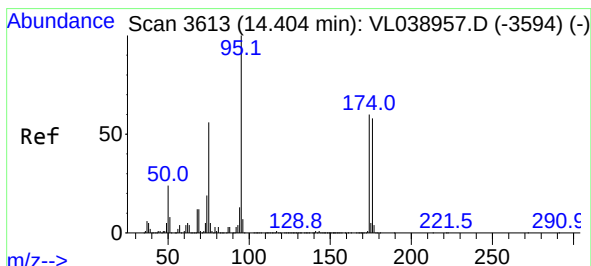
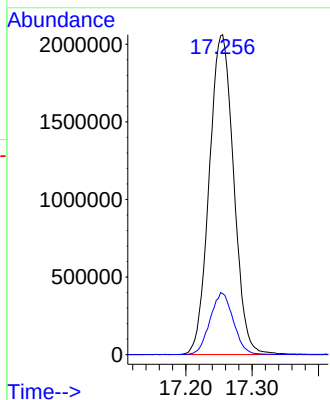
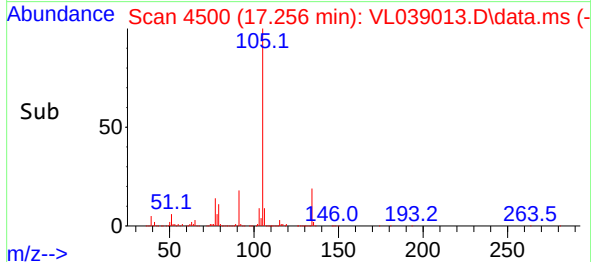
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01



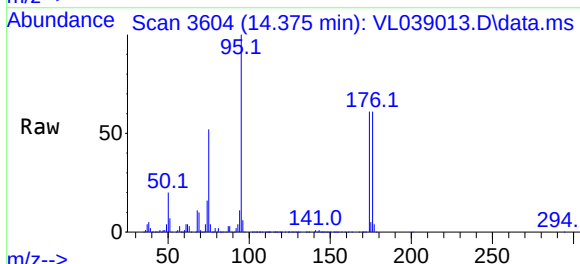
Tgt Ion:105 Resp: 5274098
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.2 21.4

Manual Integrations
 APPROVED

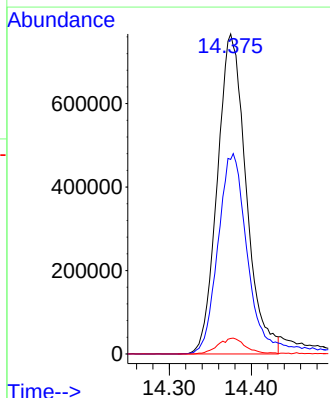
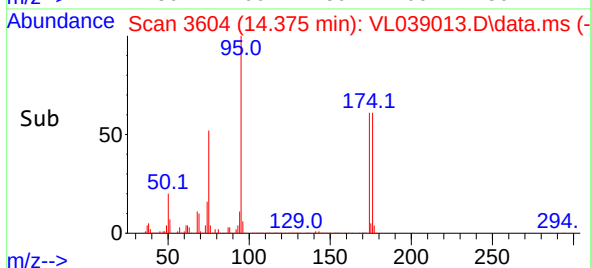
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022

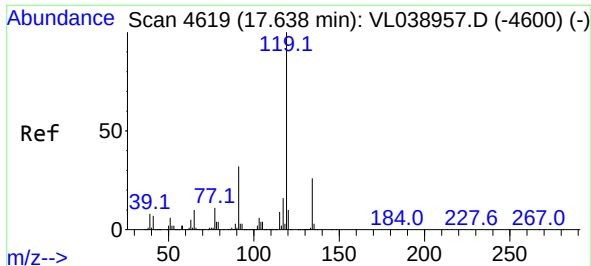


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.106 ppbv
 RT: 14.375 min Scan# 3604
 Delta R.T. -0.029 min
 Lab File: VL039013.D
 Acq: 10 May 2022 9:54



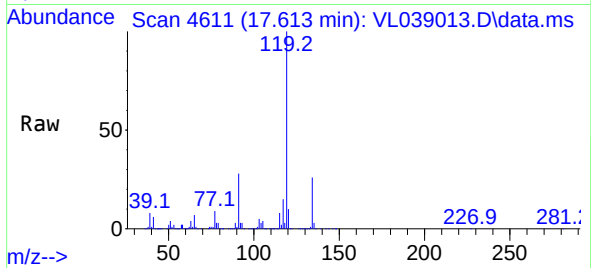
Tgt Ion: 95 Resp: 1868852
 Ion Ratio Lower Upper
 95 100
 174 67.0 50.8 76.2
 175 4.9 3.8 5.6





#69
p-Isopropyltoluene
Concen: 9.912 ppbv
RT: 17.613 min Scan# 411
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

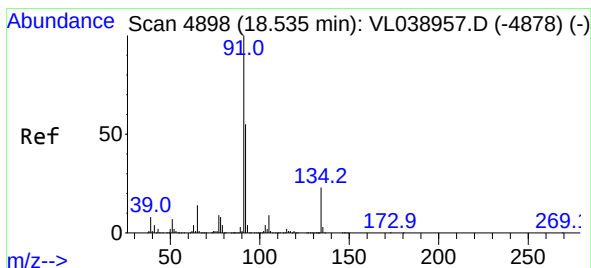
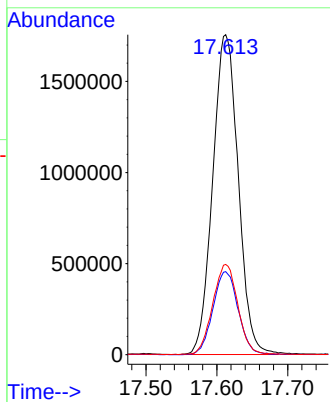
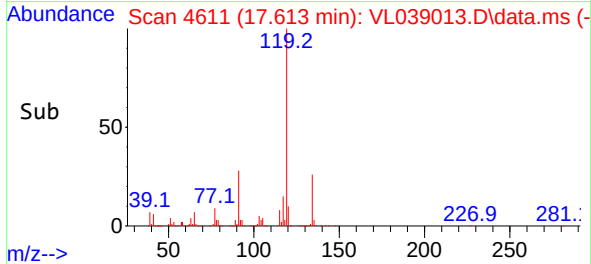
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



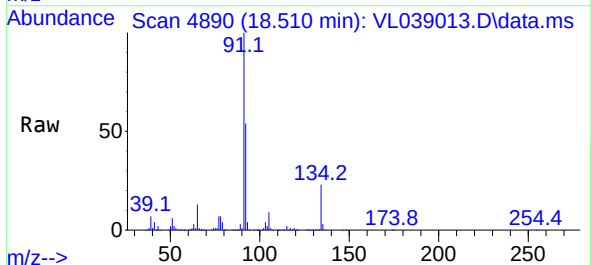
Tgt Ion:119 Resp: 439256
Ion Ratio Lower Upper
119 100
134 25.7 20.0 30.0
91 27.8 24.8 37.2

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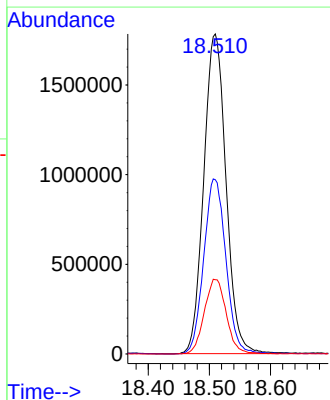
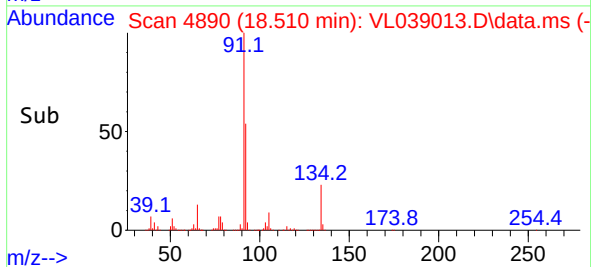
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

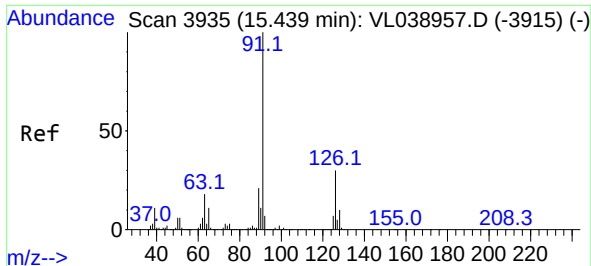


#70
n-Butylbenzene
Concen: 9.585 ppbv
RT: 18.510 min Scan# 4890
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



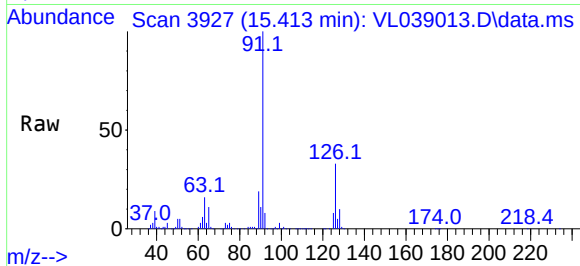
Tgt Ion: 91 Resp: 4512783
Ion Ratio Lower Upper
91 100
92 54.7 43.1 64.7
134 23.2 17.0 25.4





#71
2-Chlorotoluene
Concen: 9.452 ppbv
RT: 15.413 min Scan# 3935
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

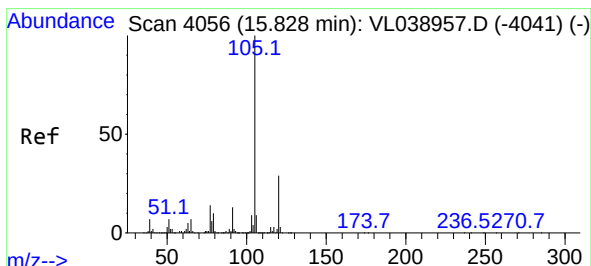
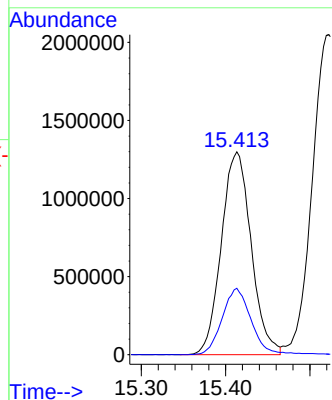
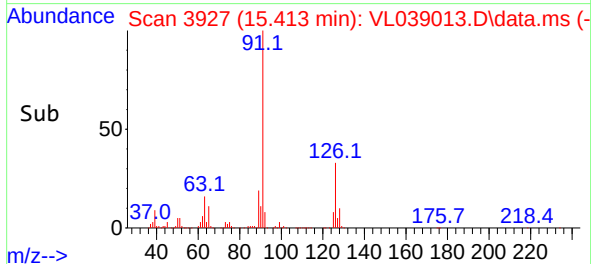
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



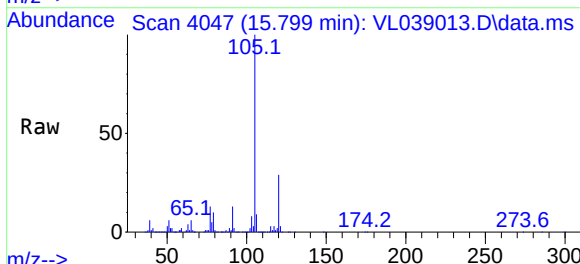
Tgt Ion: 91 Resp: 3193079
Ion Ratio Lower Upper
91 100
126 32.3 11.9 47.5

Manual Integrations
APPROVED

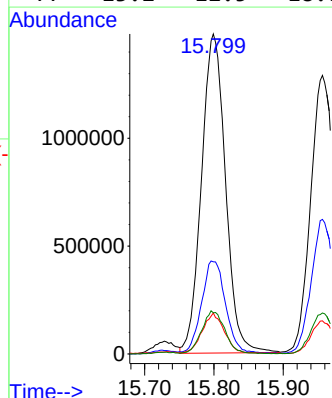
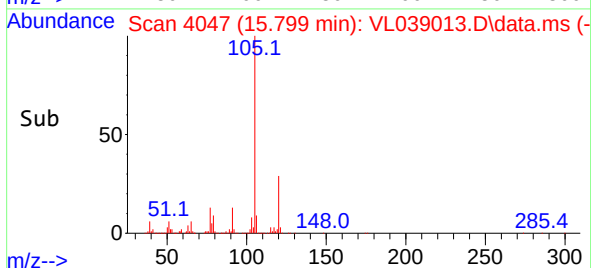
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

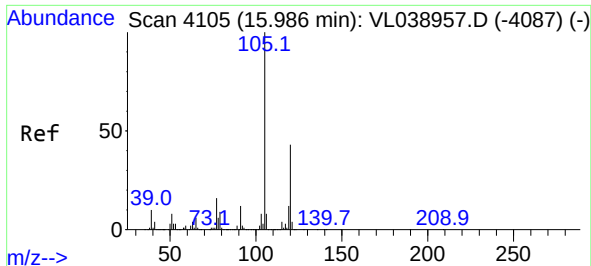


#72
4-Ethyltoluene
Concen: 10.444 ppbv
RT: 15.799 min Scan# 4047
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



Tgt Ion:105 Resp: 3565992
Ion Ratio Lower Upper
105 100
120 29.4 23.4 35.0
91 11.7 10.6 16.0
77 13.2 12.5 18.7





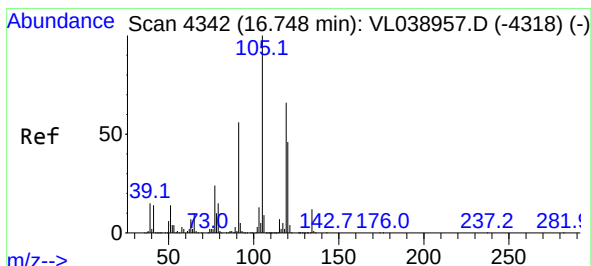
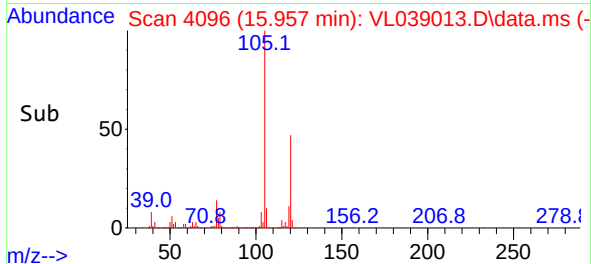
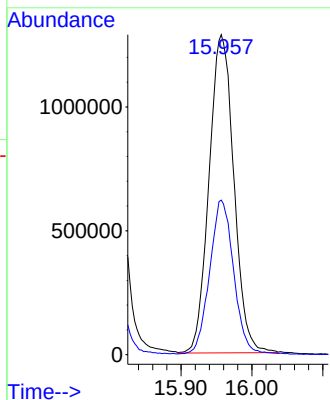
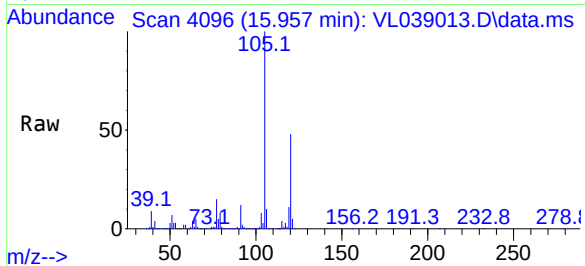
#73
1,3,5-Trimethylbenzene
Concen: 10.149 ppbv
RT: 15.957 min Scan# 4096
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion:105 Resp: 3119804
Ion Ratio Lower Upper
105 100
120 48.4 34.4 51.6

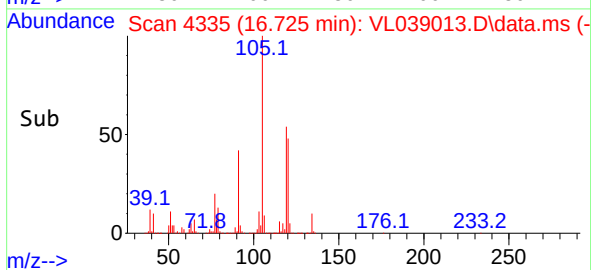
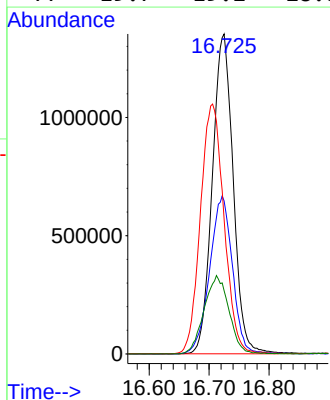
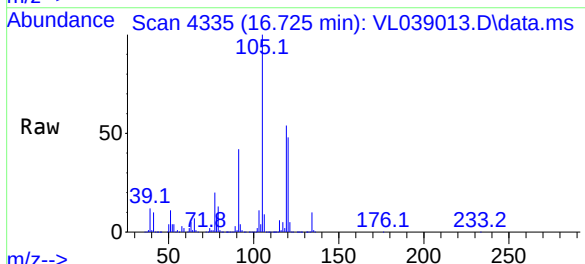
Manual Integrations
APPROVED

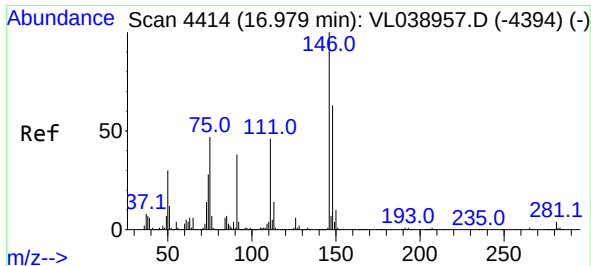
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#74
1,2,4-Trimethylbenzene
Concen: 9.684 ppbv
RT: 16.725 min Scan# 4335
Delta R.T. -0.022 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Tgt Ion:105 Resp: 3259383
Ion Ratio Lower Upper
105 100
120 47.8 36.9 55.3
91 42.0 45.0 67.4#
77 19.7 19.2 28.8





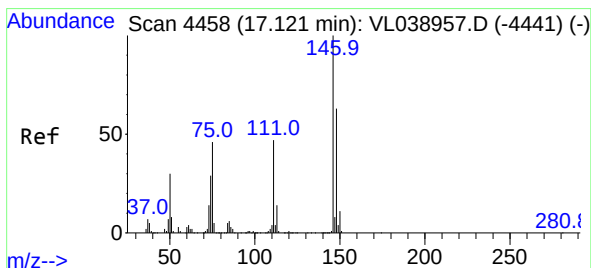
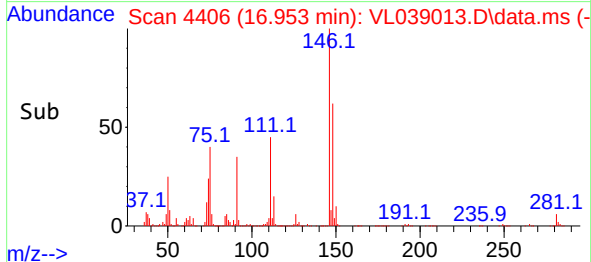
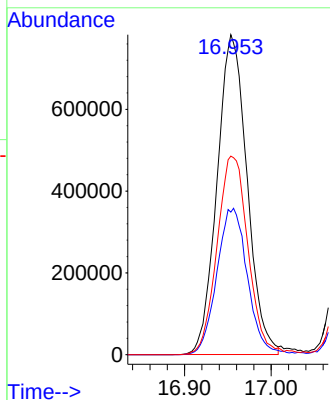
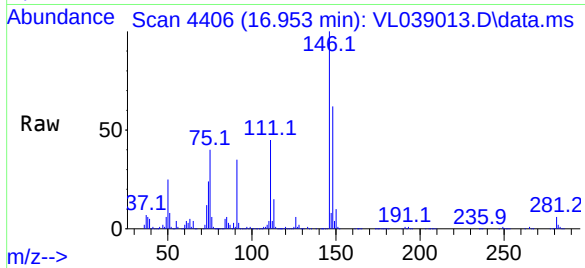
#75
1,3-Dichlorobenzene
Concen: 10.216 ppbv
RT: 16.953 min Scan# 4406
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion:146 Resp: 188395
Ion Ratio Lower Upper
146 100
111 46.8 24.1 72.2
148 64.5 32.4 97.2

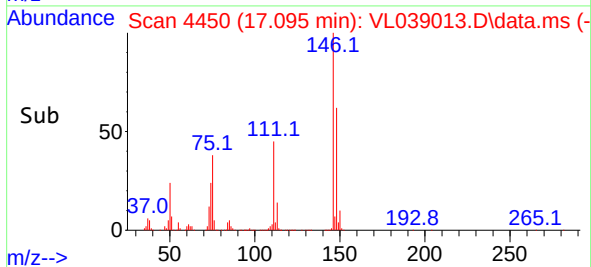
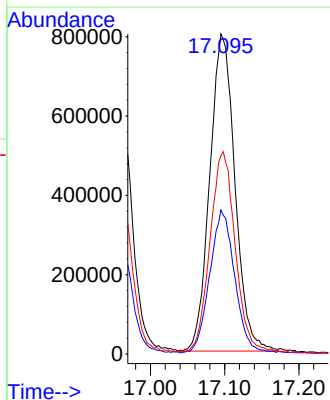
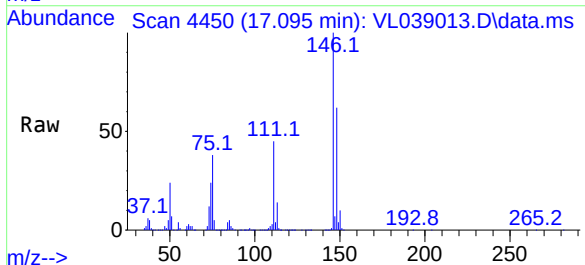
Manual Integrations
APPROVED

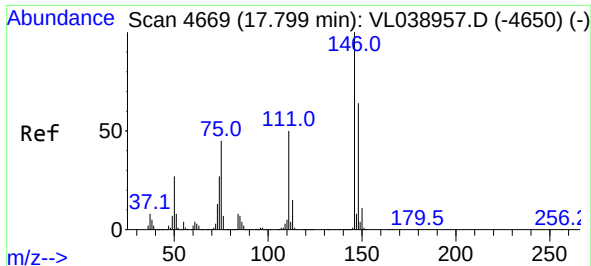
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#76
1,4-Dichlorobenzene
Concen: 10.390 ppbv
RT: 17.095 min Scan# 4450
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Tgt Ion:146 Resp: 1884887
Ion Ratio Lower Upper
146 100
111 45.6 23.6 71.0
148 64.9 32.2 96.6





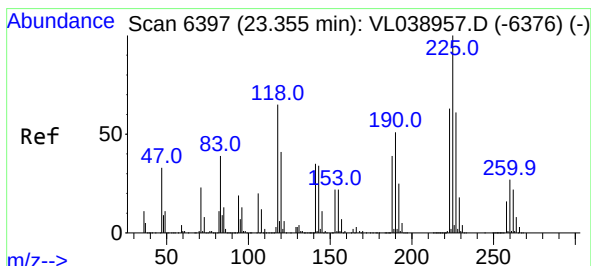
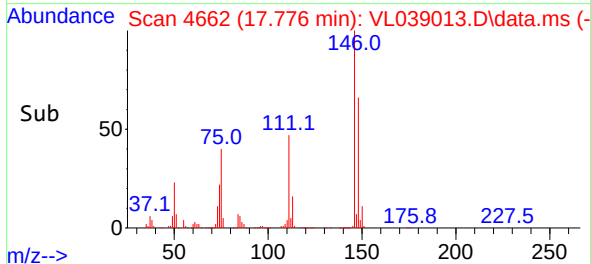
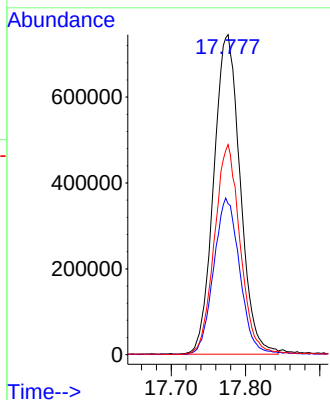
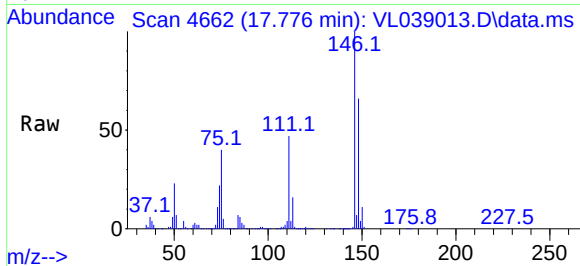
#77
1,2-Dichlorobenzene
Concen: 10.113 ppbv
RT: 17.776 min Scan# 40
Delta R.T. -0.022 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion:146 Resp: 1844430
Ion Ratio Lower Upper
146 100
111 48.6 25.3 75.9
148 64.3 32.3 96.9

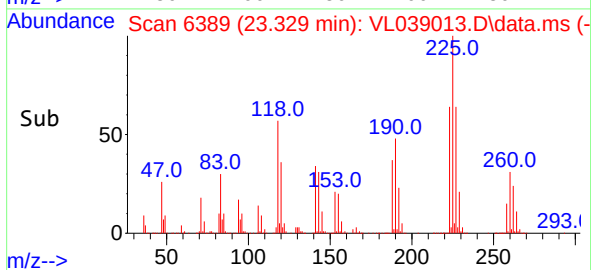
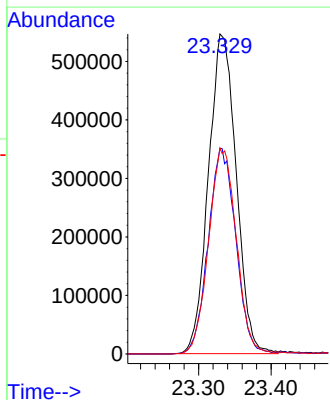
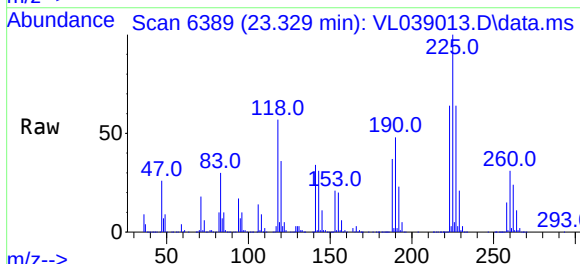
Manual Integrations
APPROVED

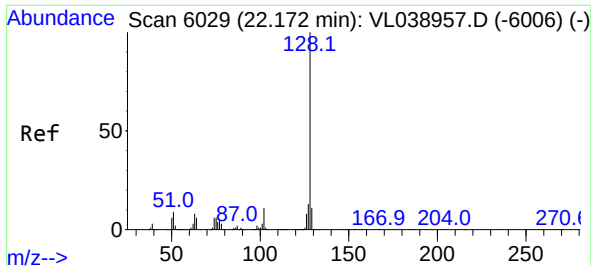
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#78
Hexachloro-1,3-Butadiene
Concen: 8.673 ppbv
RT: 23.329 min Scan# 6389
Delta R.T. -0.026 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

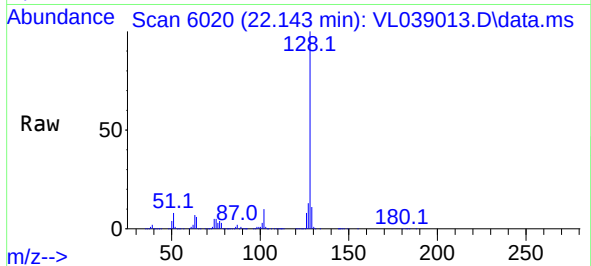
Tgt Ion:225 Resp: 1453728
Ion Ratio Lower Upper
225 100
223 64.5 51.4 77.0
227 64.6 51.4 77.0





#79
Naphthalene
Concen: 11.667 ppbv
RT: 22.143 min Scan# 6029
Delta R.T. -0.029 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54

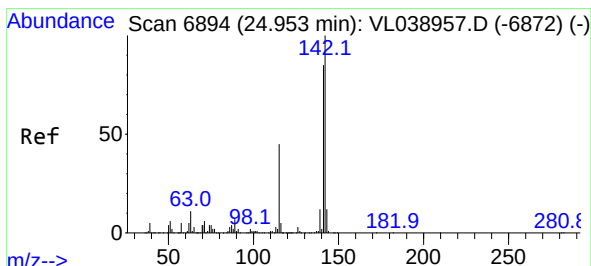
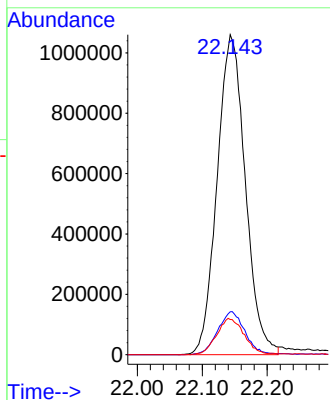
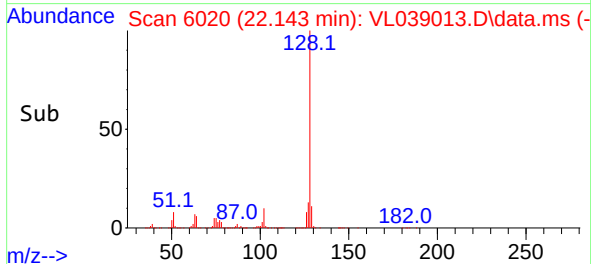
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



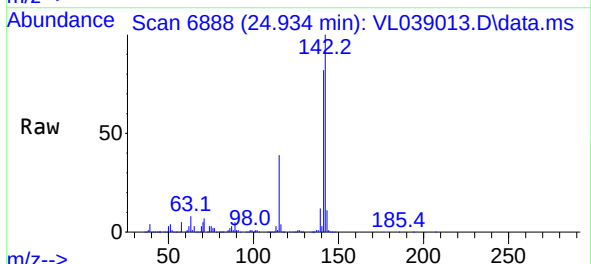
Tgt Ion:128 Resp: 3189894
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.0 8.9 13.3

Manual Integrations
APPROVED

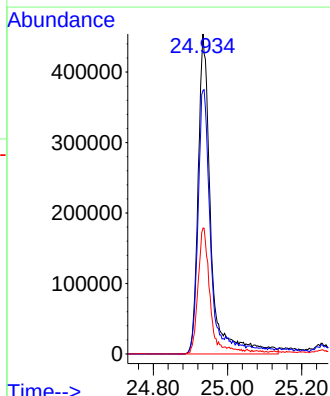
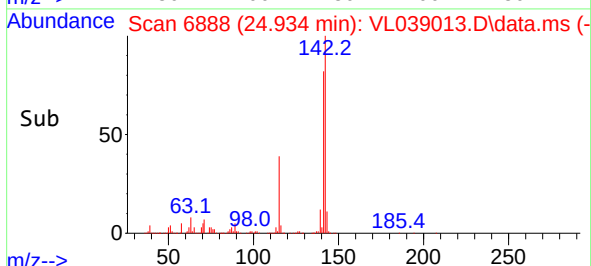
Reviewed By :Semsettin Yesilyurt 05/11/2022
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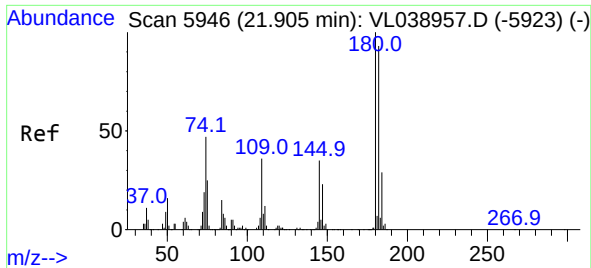


#80
Naphthalene,2-methyl-
Concen: 13.163 ppbv
RT: 24.934 min Scan# 6888
Delta R.T. -0.019 min
Lab File: VL039013.D
Acq: 10 May 2022 9:54



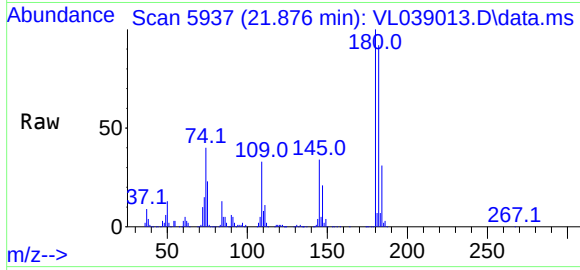
Tgt Ion:142 Resp: 1088669
Ion Ratio Lower Upper
142 100
141 83.9 70.8 106.2
115 37.9 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.321 ppbv
 RT: 21.876 min Scan# 5937
 Delta R.T. -0.029 min
 Lab File: VL039013.D
 Acq: 10 May 2022 9:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01



Tgt Ion:180 Resp: 165353

Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.4	117.6
184	30.4	24.4	36.6

Manual Integrations
 APPROVED

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

