

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038769.D
 Acq On : 28 Mar 2022 13:28
 Operator : SY/AP
 Sample : VL0328ABS02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0328ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 28 14:29:40 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 28 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	910773	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.182	114	2491013	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.092	117	2096869m	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.420 95 1762066 10.961 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 109.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	1127886	9.212	ppbv	99
3) Chlorodifluoromethane	2.999	51	882198	9.171	ppbv	99
4) Chloromethane	3.150	50	465536	8.815	ppbv	99
5) Vinyl Chloride	3.266	62	489232	9.117	ppbv	96
6) Bromomethane	3.481	94	270461	9.454	ppbv	100
7) Chloroethane	3.568	64	174683	9.833	ppbv	98
8) Dichlorotetrafluoroethane	3.198	85	1158666	9.479	ppbv	97
9) Propene	3.022	41	392773	8.458	ppbv	100
10) Heptane	8.127	43	964402	8.687	ppbv	98
11) Trichlorofluoromethane	3.960	101	1095903	10.142	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.494	101	849027	10.207	ppbv	99
13) Ethanol	3.620	45	28813m	5.624	ppbv	
14) Bromoethene	3.748	108	387155	10.472	ppbv	96
15) Acetone	3.857	43	744714	9.476	ppbv	100
16) 1,3-Butadiene	3.340	39	422906	9.482	ppbv	98
17) tert-Butyl alcohol	4.292	59	821040	11.962	ppbv	100
18) 1,1-Dichloroethene	4.298	96	390203	10.442	ppbv	98
19) Isopropyl Alcohol	3.970	45	421817	9.681	ppbv #	98
20) Methylene Chloride	4.353	84	320377	9.679	ppbv	99
21) Allyl Chloride	4.420	41	588665	10.408	ppbv	98
22) trans-1,2-Dichloroethene	4.893	96	422399	10.897	ppbv	95
23) Vinyl Acetate	5.079	43	601444	7.903	ppbv	99
24) 1,1-Dichloroethane	5.018	63	765204	10.210	ppbv	99
25) Ethyl Acetate	5.681	43	1958088	9.898	ppbv	98
26) Hexane	5.693	57	800150	9.034	ppbv	93
27) Carbon Disulfide	4.558	76	996242	11.466	ppbv	99
28) Methyl tert-Butyl Ether	5.041	73	738534	11.194	ppbv	98
29) Chloroform	5.758	83	1295698	9.137	ppbv	100
30) Cyclohexane	7.137	84	685047	8.896	ppbv	96
31) cis-1,2-Dichloroethene	5.555	61	802130	9.632	ppbv	100
32) 1,1,1-Trichloroethane	6.517	97	1299143	9.493	ppbv	99
34) 2-Butanone	5.250	43	887479	9.001	ppbv	99
35) Carbon Tetrachloride	7.025	117	1363439	9.433	ppbv	99
36) Benzene	6.896	78	1685767	8.768	ppbv	99
37) 1,2-Dichloroethane	6.314	62	888037	9.081	ppbv	100
38) Trichloroethene	7.841	130	706363	8.771	ppbv	98
39) 1,2-Dichloropropane	7.619	63	637179	8.478	ppbv	99
40) 1,4-Dioxane	7.841	88	221739	8.496	ppbv	94
41) Tetrahydrofuran	6.057	42	632273	8.616	ppbv	96
42) Bromodichloromethane	7.796	83	1368359	9.332	ppbv	100
43) Methyl Methacrylate	8.018	69	707440	9.911	ppbv	97
44) 2,2,4-Trimethylpentane	7.877	57	2697424	8.357	ppbv	99
45) t-1,3-Dichloropropene	9.282	75	786472	10.837	ppbv	98

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 Data File : VL038769.D
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 Sample : VL0328ABS02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0328ABS01

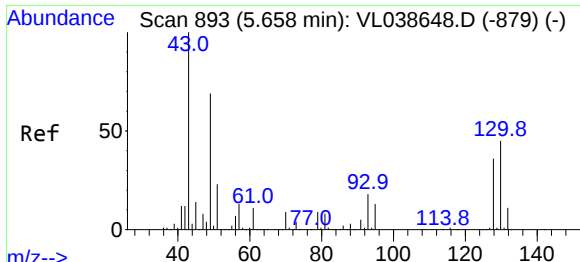
Quant Time: Mar 28 14:29:40 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 28 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

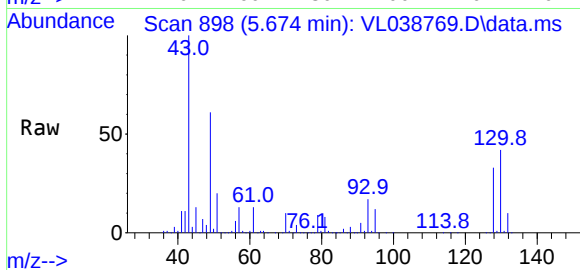
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.709	75	973176	9.917	ppbv	99
47) 1,1,2-Trichloroethane	9.481	97	690029	8.599	ppbv	98
48) Dibromochloromethane	10.311	129	1225789	9.752	ppbv	100
49) Bromoform	13.047	173	1019274	9.950	ppbv	99
50) 4-Methyl-2-Pentanone	8.745	43	1565822	8.542	ppbv	98
51) 2-Hexanone	10.134	43	1201782	9.128	ppbv #	98
52) Tetrachloroethene	11.227	164	617869	8.782	ppbv	97
53) Toluene	9.812	91	1901521	9.205	ppbv	99
54) 1,2-Dibromoethane	10.616	107	1038403	9.477	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.130	131	898031	10.330	ppbv #	59
57) Chlorobenzene	12.153	112	1414586	9.354	ppbv	99
58) Ethyl Benzene	12.716	91	2449625	9.993	ppbv	100
59) m/p-Xylene	12.999	91	4158267m	19.392	ppbv	
60) o-Xylene	13.696	91	1968851	9.670	ppbv	100
61) Styrene	13.532	104	1185273	10.735	ppbv	98
62) Isopropylbenzene	14.671	105	3044972	9.948	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.683	83	1383254	8.771	ppbv	100
64) n-propylbenzene	15.564	120	820420	10.215	ppbv	99
65) tert-Butylbenzene	16.751	119	2708487	9.848	ppbv	98
66) Benzyl Chloride	16.989	91	626321	12.027	ppbv	100
67) sec-Butylbenzene	17.301	105	3834309	9.748	ppbv	100
69) p-Isopropyltoluene	17.658	119	3157459	9.836	ppbv	99
70) n-Butylbenzene	18.555	91	3248134	9.810	ppbv	100
71) 2-Chlorotoluene	15.458	91	2297253	10.112	ppbv	100
72) 4-Ethyltoluene	15.844	105	2391980	9.953	ppbv	99
73) 1,3,5-Trimethylbenzene	16.002	105	2087954	9.534	ppbv	99
74) 1,2,4-Trimethylbenzene	16.767	105	2236703	9.376	ppbv	95
75) 1,3-Dichlorobenzene	16.998	146	1362620	8.968	ppbv	100
76) 1,4-Dichlorobenzene	17.140	146	1339754	8.866	ppbv	98
77) 1,2-Dichlorobenzene	17.822	146	1310988	8.710	ppbv	99
78) Hexachloro-1,3-Butadiene	23.378	225	973924m	7.001	ppbv	
79) Naphthalene	22.198	128	1686266	9.252	ppbv	99
80) Naphthalene,2-methyl-	24.972	142	398701	8.158	ppbv	99
81) 1,2,4-Trichlorobenzene	21.927	180	968529	7.763	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 89
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

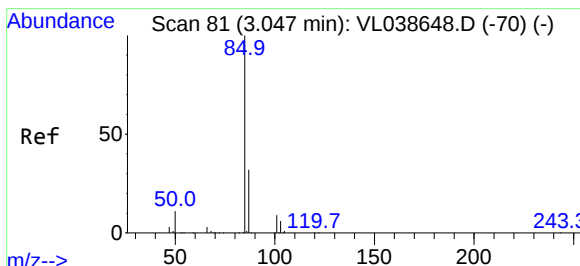
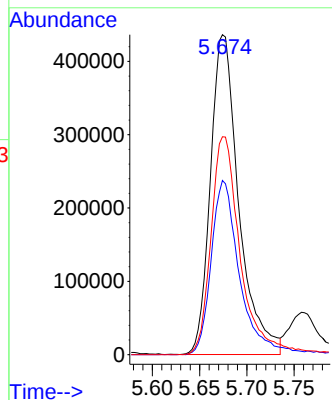
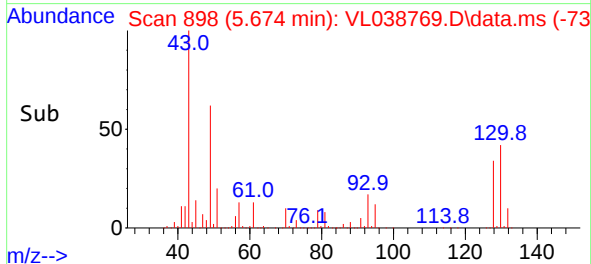
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



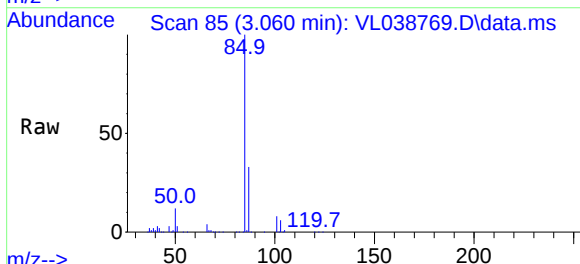
Tgt Ion: 49 Resp: 91077
Ion Ratio Lower Upper
49 100
128 56.2 26.2 78.6
130 71.9 33.7 101.1

Manual Integrations
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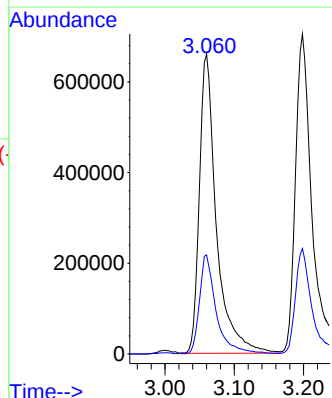
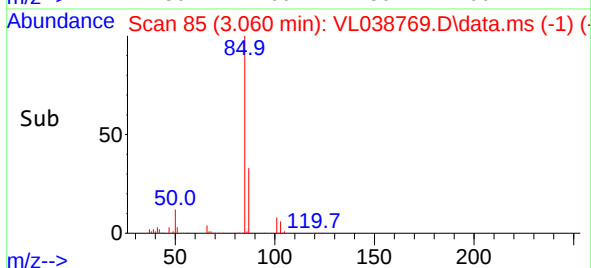
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

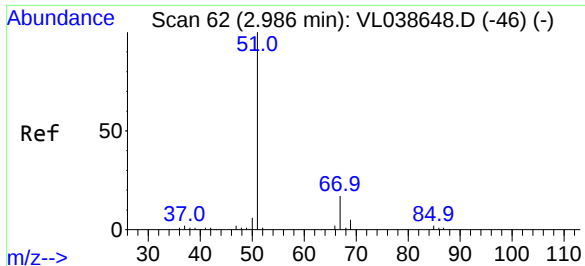


#2
Dichlorodifluoromethane
Concen: 9.212 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



Tgt Ion: 85 Resp: 1127886
Ion Ratio Lower Upper
85 100
87 33.0 26.0 39.0





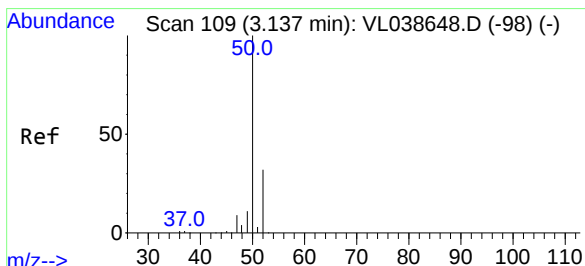
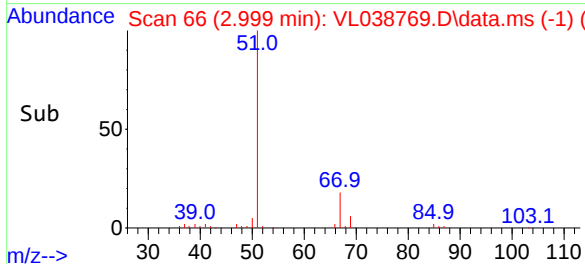
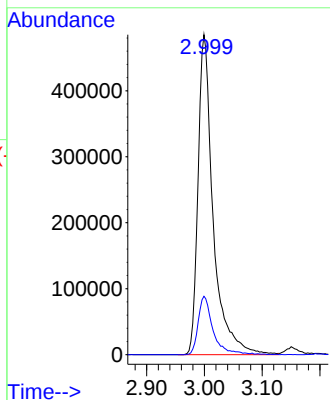
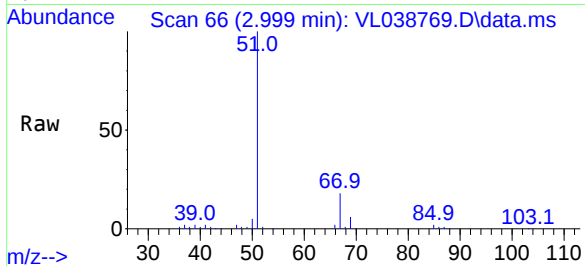
#3
Chlorodifluoromethane
Concen: 9.171 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

Tgt Ion: 51 Resp: 882198
Ion Ratio Lower Upper
51 100
67 18.1 14.1 21.1

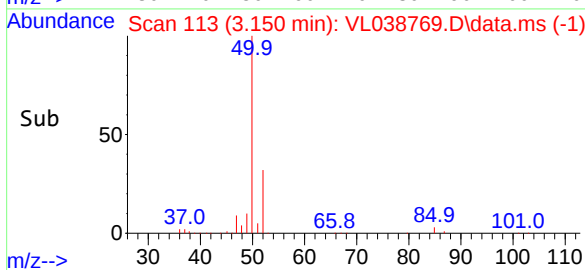
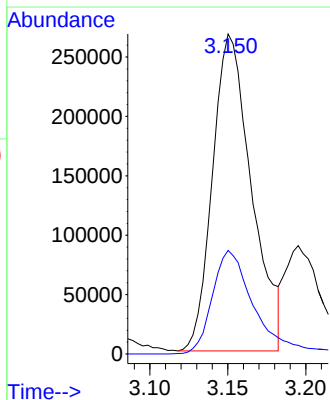
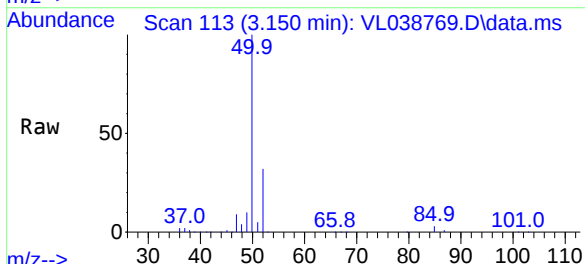
Manual Integrations
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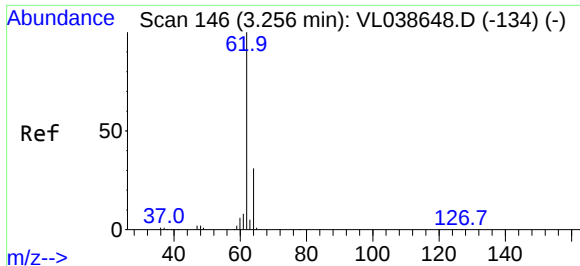
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#4
Chloromethane
Concen: 8.815 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

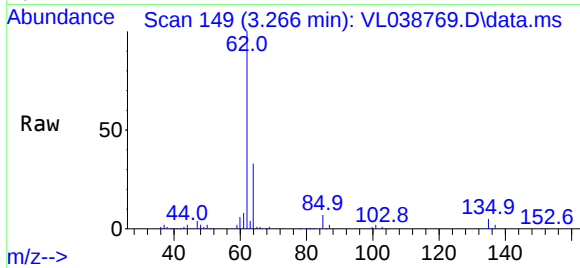
Tgt Ion: 50 Resp: 465536
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3





#5
 Vinyl Chloride
 Concen: 9.117 ppbv
 RT: 3.266 min Scan# 146
 Delta R.T. 0.010 min
 Lab File: VL038769.D
 Acq: 28 Mar 2022 13:28

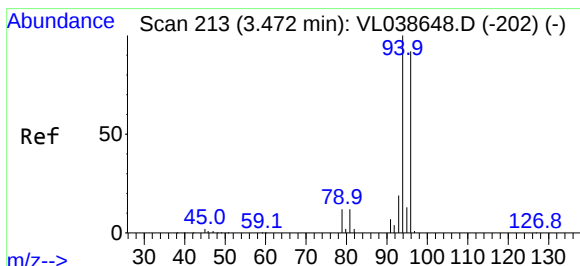
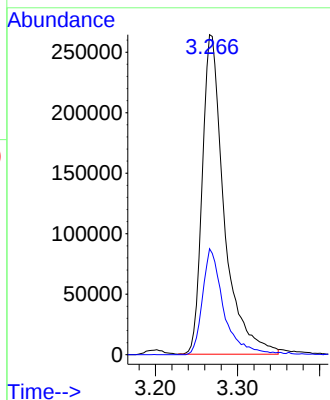
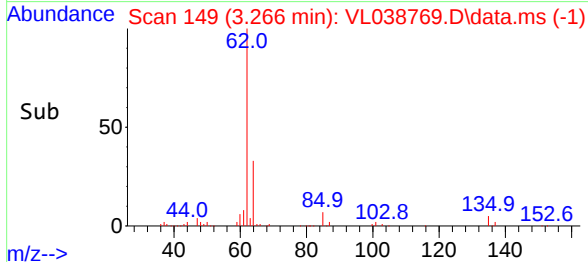
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0328ABS01



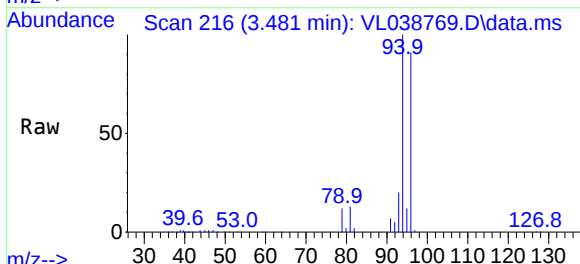
Tgt Ion: 62 Resp: 489232
 Ion Ratio Lower Upper
 62 100
 64 33.2 25.0 37.4

Manual Integrations
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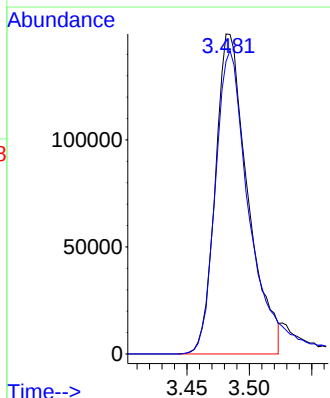
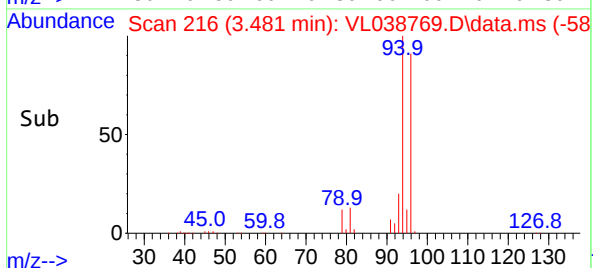
Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

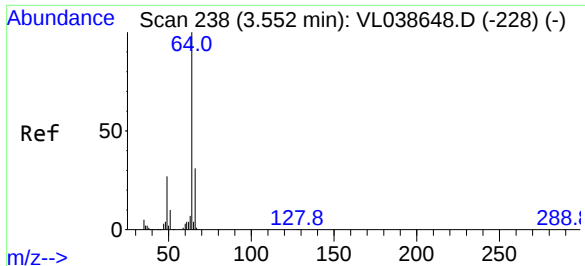


#6
 Bromomethane
 Concen: 9.454 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.010 min
 Lab File: VL038769.D
 Acq: 28 Mar 2022 13:28



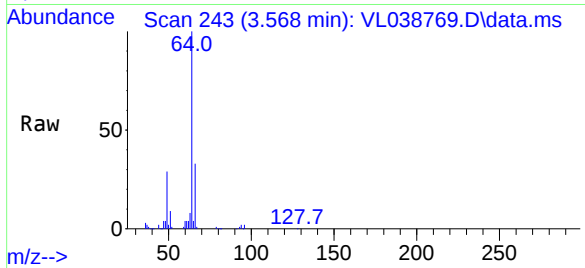
Tgt Ion: 94 Resp: 270461
 Ion Ratio Lower Upper
 94 100
 96 91.4 73.3 109.9





#7
Chloroethane
Concen: 9.833 ppbv
RT: 3.568 min Scan# 24
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

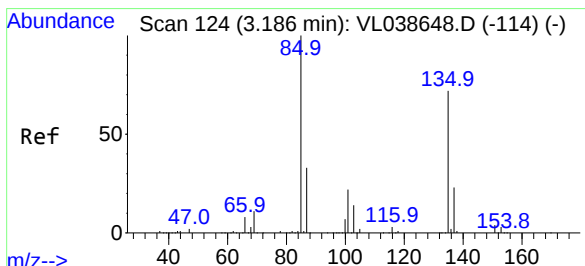
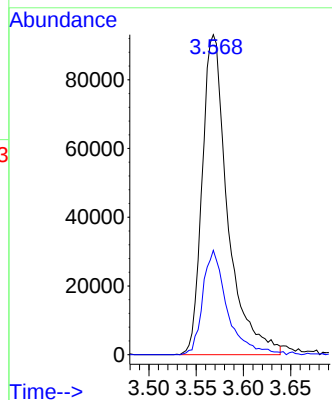
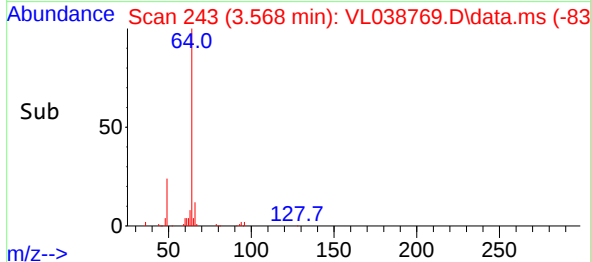
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



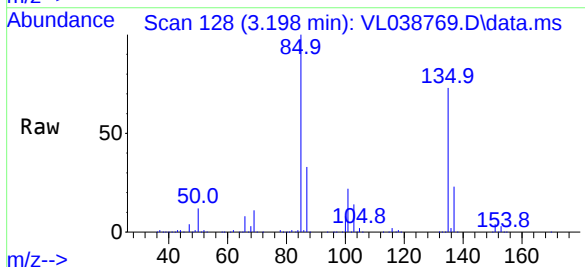
Tgt Ion: 64 Resp: 17468
Ion Ratio Lower Upper
64 100
66 32.6 25.0 37.6

Manual Integrations
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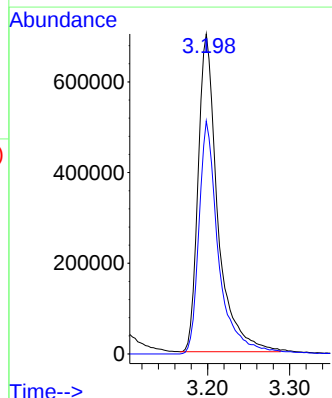
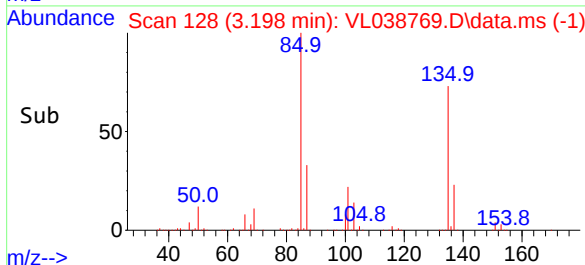
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

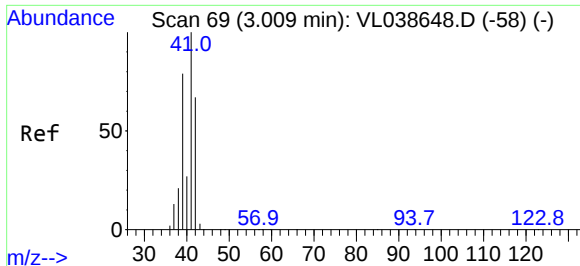


#8
Dichlorotetrafluoroethane
Concen: 9.479 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



Tgt Ion: 85 Resp: 1158666
Ion Ratio Lower Upper
85 100
135 74.5 57.8 86.6





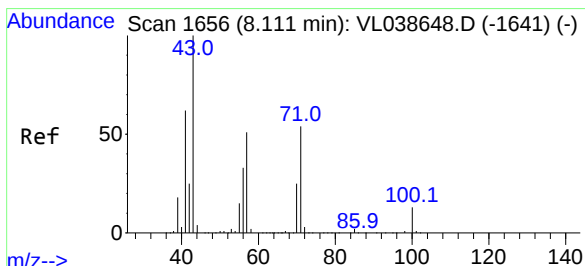
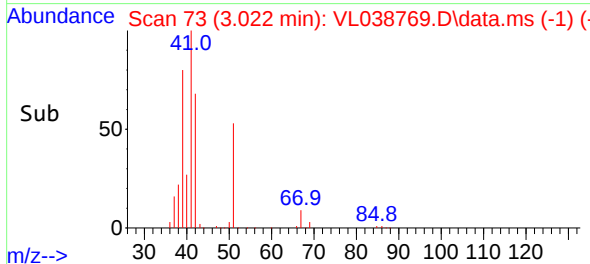
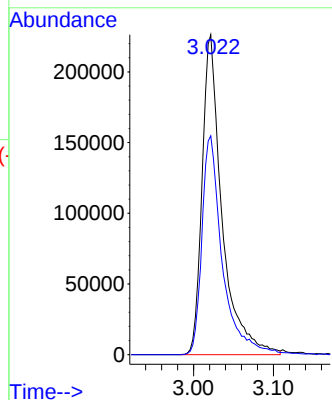
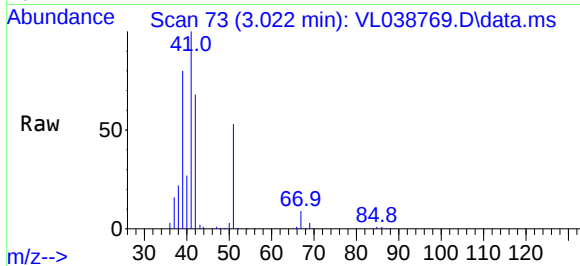
#9
Propene
Concen: 8.458 ppbv
RT: 3.022 min Scan# 71
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

Tgt Ion: 41 Resp: 39277
Ion Ratio Lower Upper
41 100
42 70.5 56.2 84.4

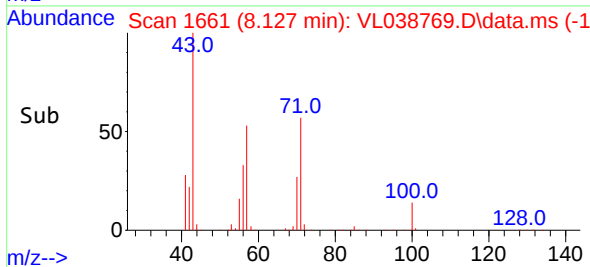
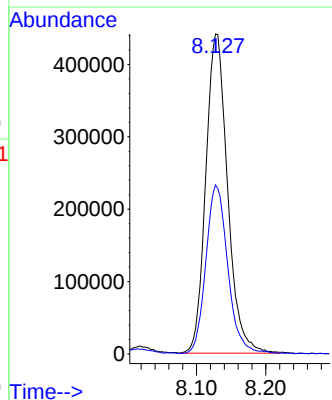
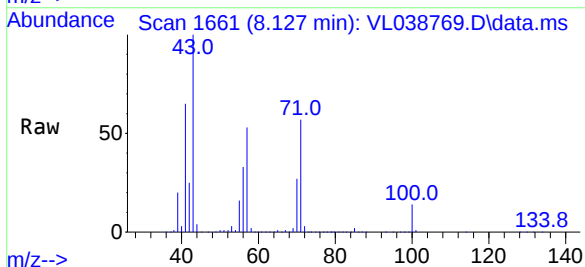
Manual Integrations
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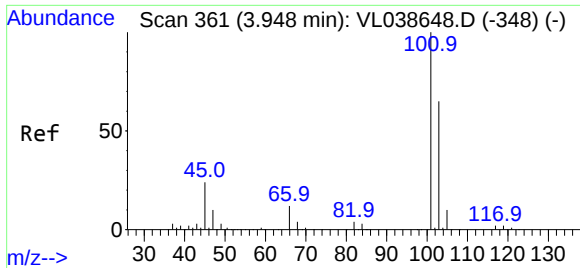
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#10
Heptane
Concen: 8.687 ppbv
RT: 8.127 min Scan# 1661
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Tgt Ion: 43 Resp: 964402
Ion Ratio Lower Upper
43 100
57 53.2 41.4 62.2





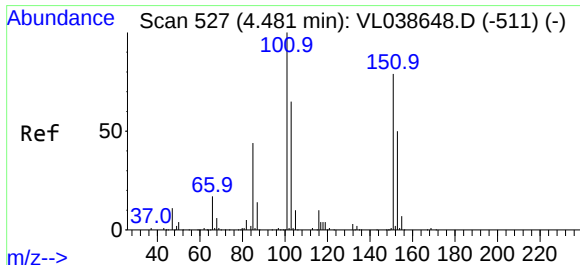
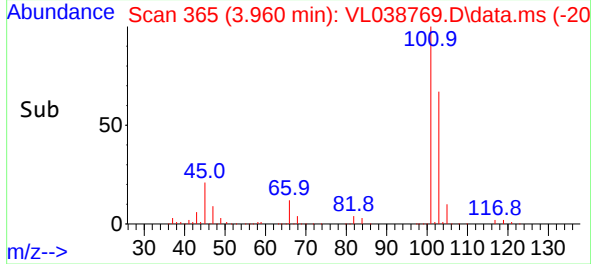
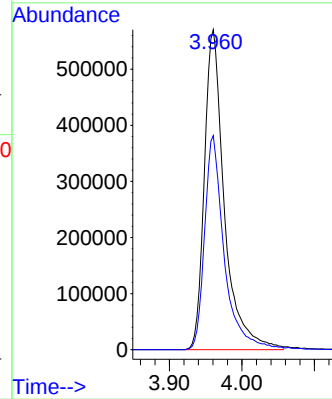
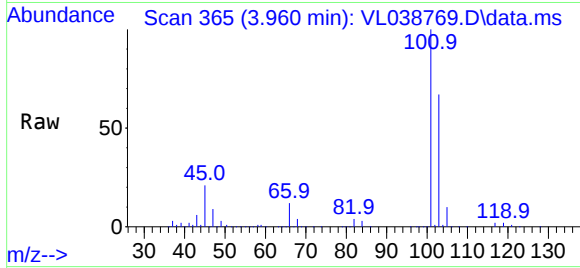
#11
 Trichlorofluoromethane
 Concen: 10.142 ppbv
 RT: 3.960 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: VL038769.D
 Acq: 28 Mar 2022 13:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0328ABS01

Tgt Ion:101 Resp: 109590
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.9 77.9

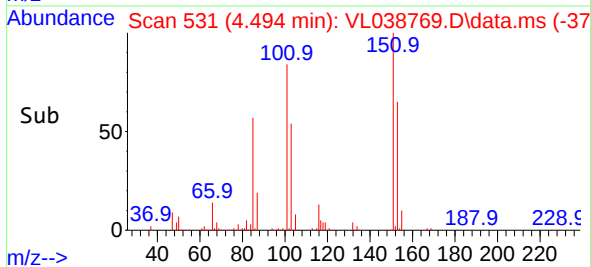
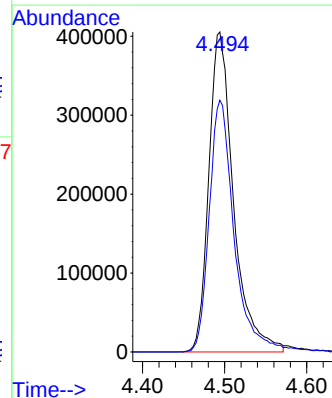
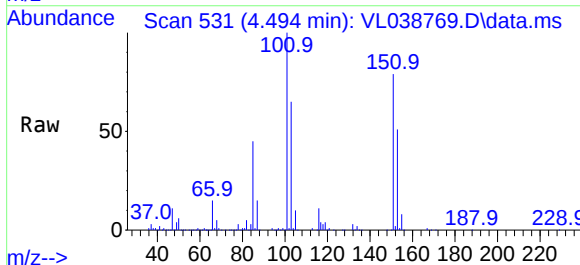
Manual Integrations
 APPROVED

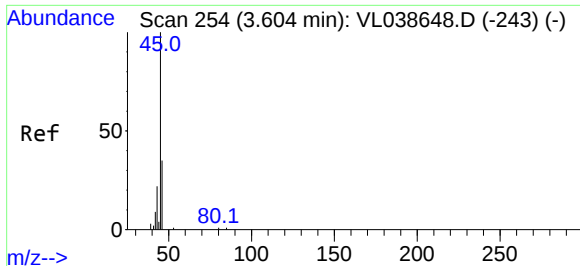
Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.207 ppbv
 RT: 4.494 min Scan# 531
 Delta R.T. 0.013 min
 Lab File: VL038769.D
 Acq: 28 Mar 2022 13:28

Tgt Ion:101 Resp: 849027
 Ion Ratio Lower Upper
 101 100
 151 79.8 62.9 94.3





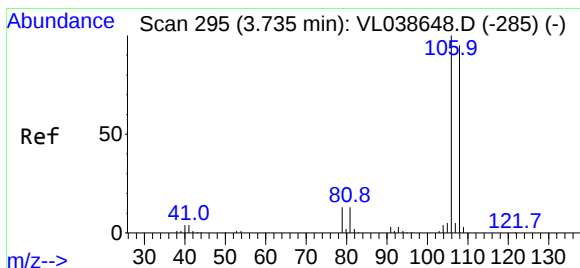
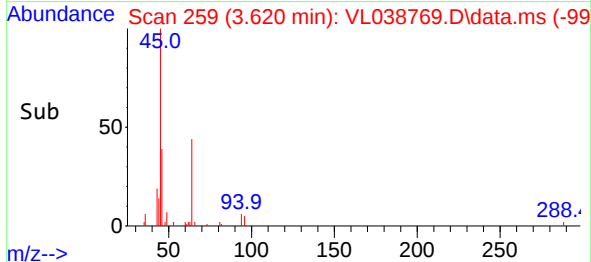
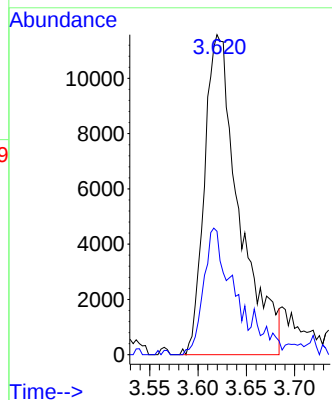
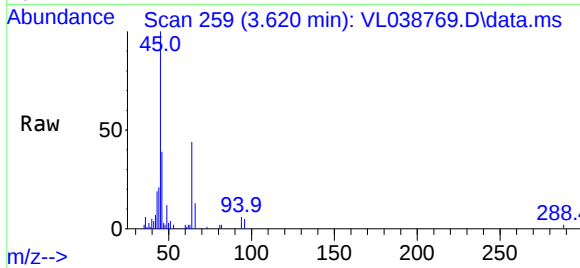
#13
Ethanol
Concen: 5.624 ppbv
RT: 3.620 min Scan# 210
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

Tgt Ion: 45 Resp: 2881
Ion Ratio Lower Upper
45 100
46 39.1 15.1 60.5

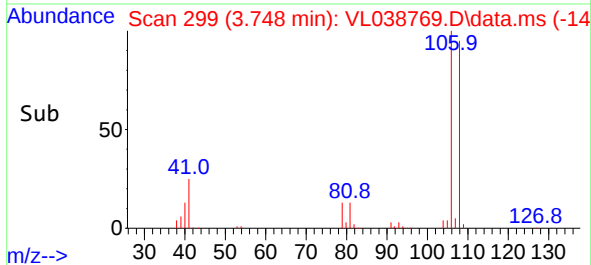
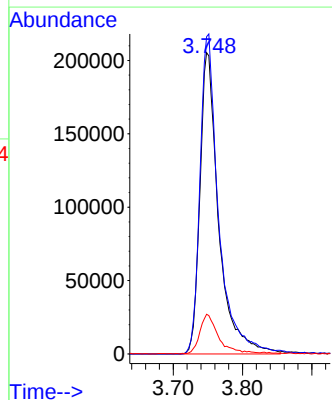
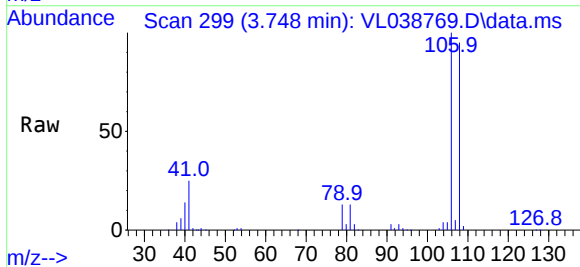
Manual Integrations
APPROVED

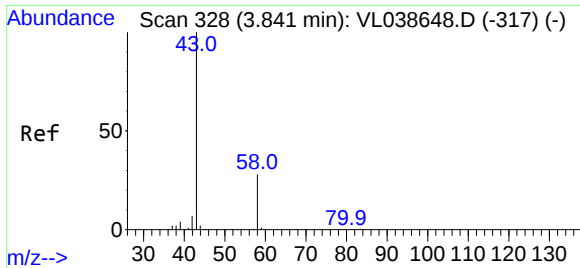
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#14
Bromoethene
Concen: 10.472 ppbv
RT: 3.748 min Scan# 299
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Tgt Ion:108 Resp: 387155
Ion Ratio Lower Upper
108 100
106 106.3 88.3 132.5
79 13.4 11.2 16.8





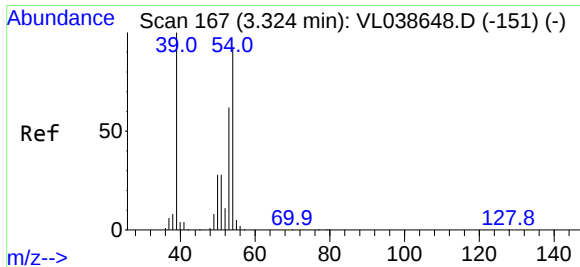
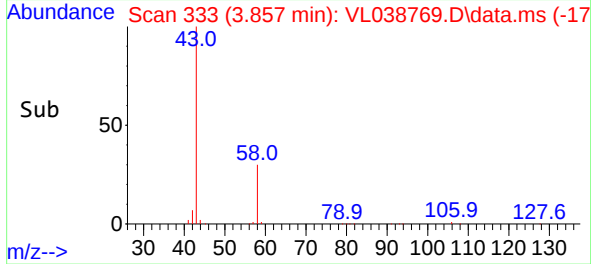
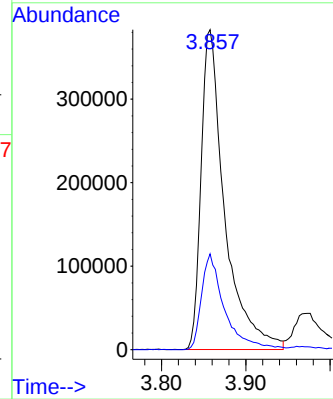
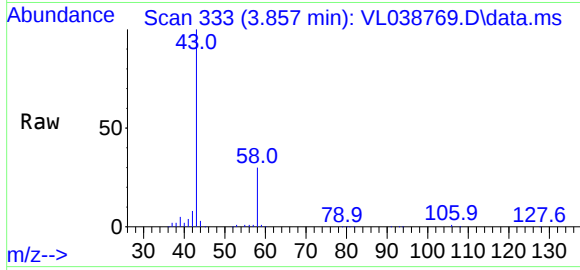
#15
Acetone
Concen: 9.476 ppbv
RT: 3.857 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

Tgt Ion: 43 Resp: 744714
Ion Ratio Lower Upper
43 100
58 29.3 23.3 34.9

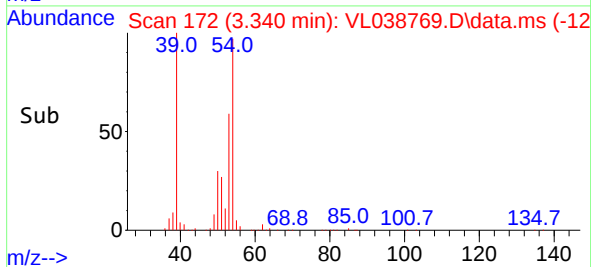
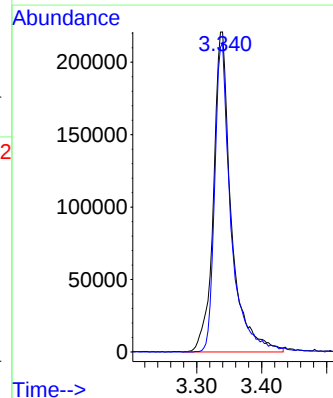
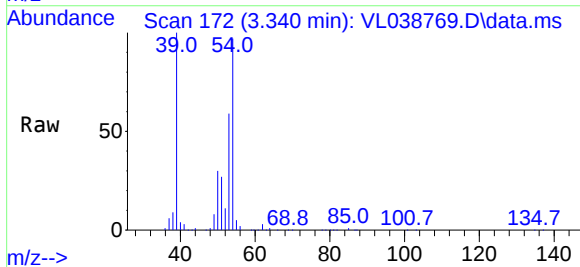
Manual Integrations
APPROVED

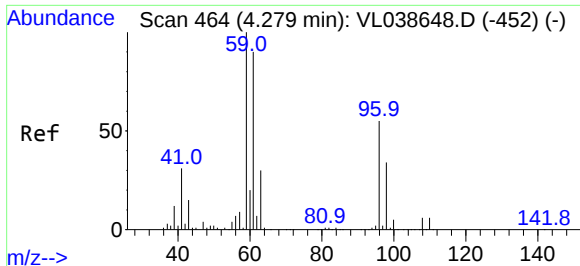
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#16
1,3-Butadiene
Concen: 9.482 ppbv
RT: 3.340 min Scan# 172
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Tgt Ion: 39 Resp: 422906
Ion Ratio Lower Upper
39 100
54 88.7 69.1 103.7





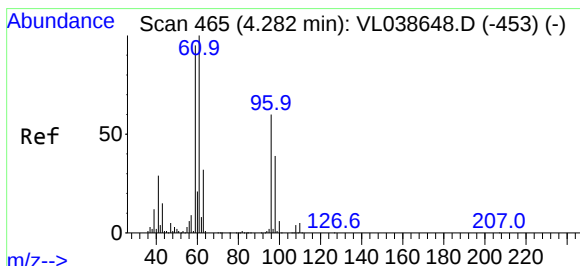
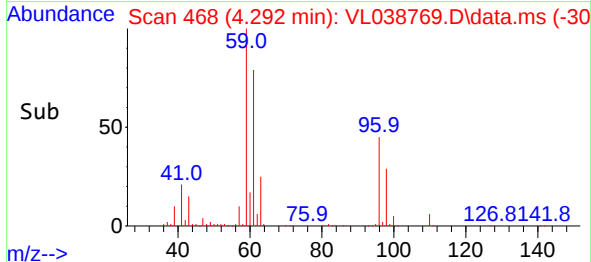
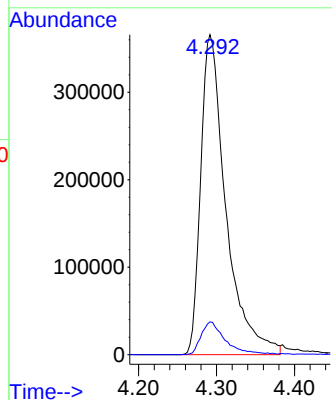
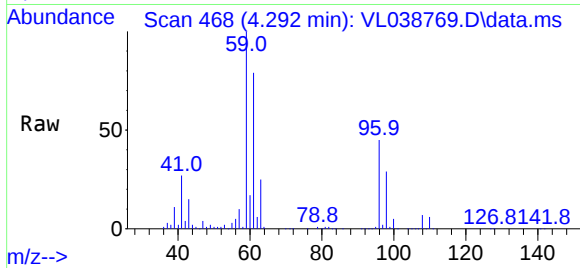
#17
tert-Butyl alcohol
Concen: 11.962 ppbv
RT: 4.292 min Scan# 410
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

Tgt Ion: 59 Resp: 821040
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

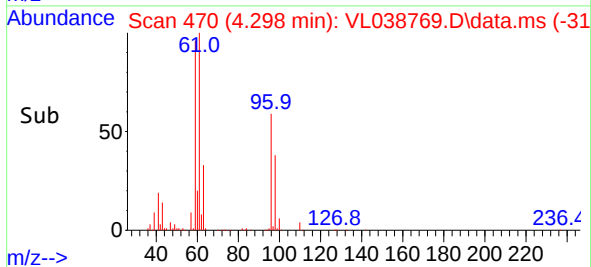
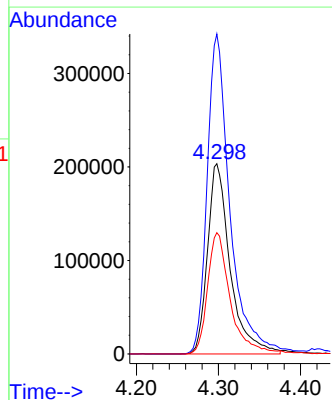
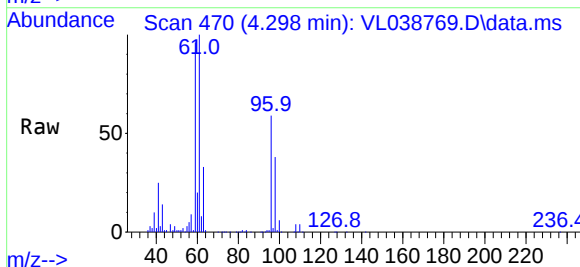
Manual Integrations
APPROVED

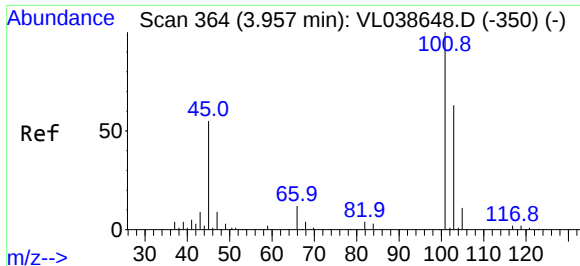
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#18
1,1-Dichloroethene
Concen: 10.442 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

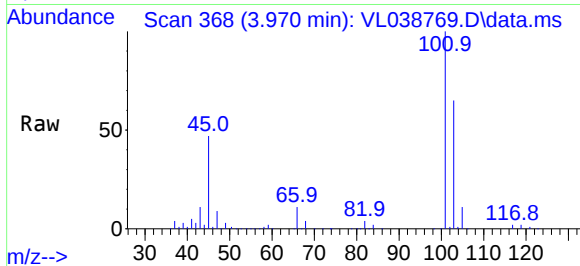
Tgt Ion: 96 Resp: 390203
Ion Ratio Lower Upper
96 100
61 168.2 132.4 198.6
98 63.7 51.6 77.4





#19
Isopropyl Alcohol
Concen: 9.681 ppbv
RT: 3.970 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

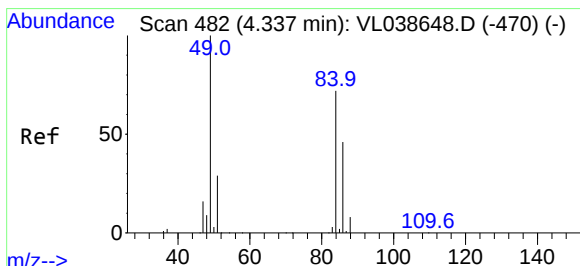
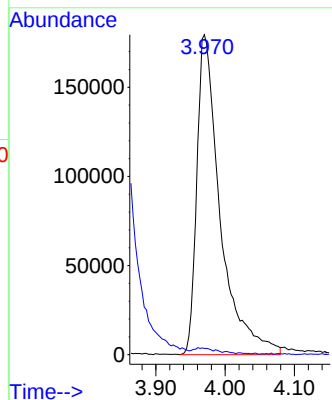
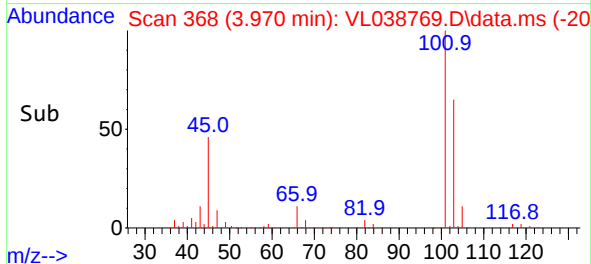
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



Tgt Ion: 45 Resp: 42181
Ion Ratio Lower Upper
45 100
58 2.1 2.3 3.5

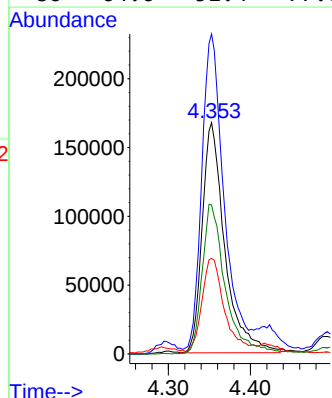
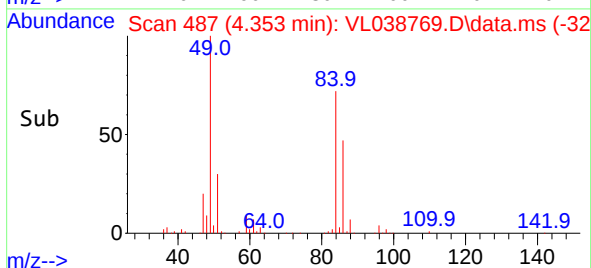
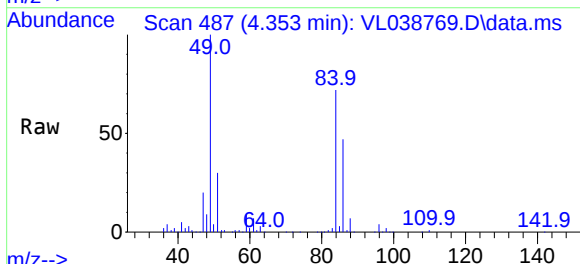
Manual Integrations
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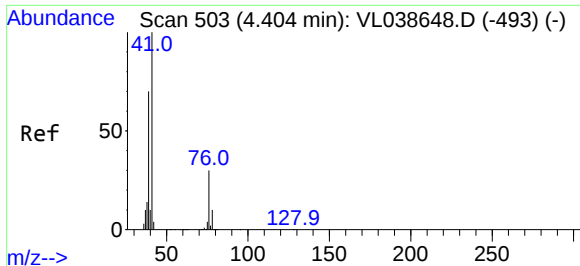
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#20
Methylene Chloride
Concen: 9.679 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

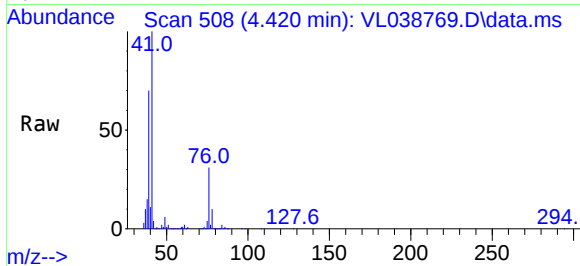
Tgt Ion: 84 Resp: 320377
Ion Ratio Lower Upper
84 100
49 136.7 111.2 166.8
51 40.1 32.8 49.2
86 64.6 51.4 77.0





#21
 Allyl Chloride
 Concen: 10.408 ppbv
 RT: 4.420 min Scan# 503
 Delta R.T. 0.016 min
 Lab File: VL038769.D
 Acq: 28 Mar 2022 13:28

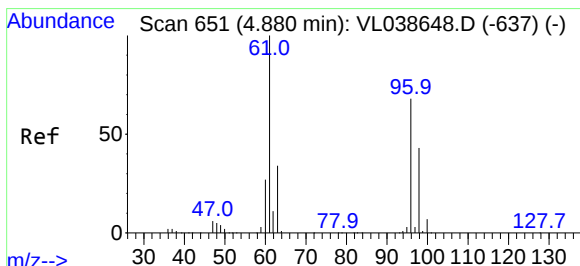
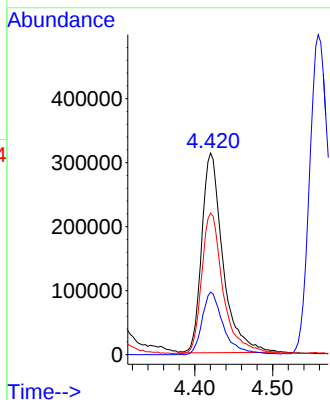
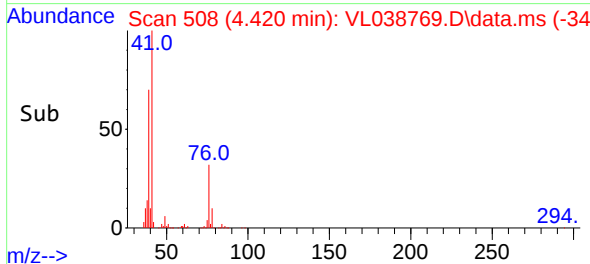
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0328ABS01



Tgt Ion: 41 Resp: 58866
 Ion Ratio Lower Upper
 41 100
 76 31.9 25.0 37.6
 39 72.9 56.6 85.0

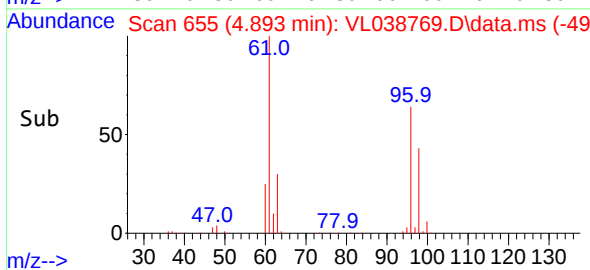
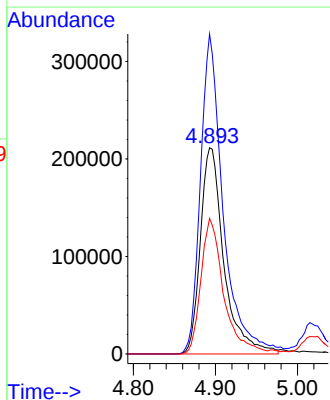
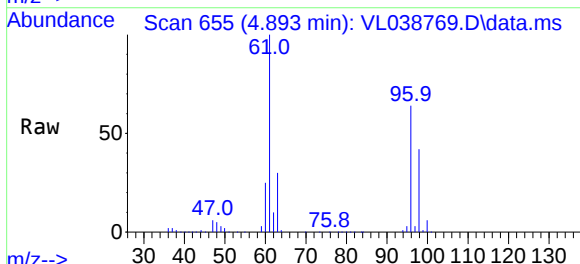
Manual Integrations
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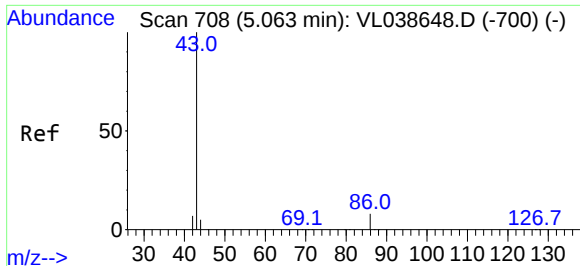
Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.897 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.013 min
 Lab File: VL038769.D
 Acq: 28 Mar 2022 13:28

Tgt Ion: 96 Resp: 422399
 Ion Ratio Lower Upper
 96 100
 61 154.9 118.3 177.5
 98 65.7 51.3 76.9





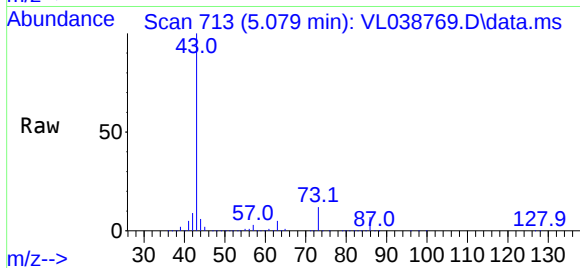
#23
 Vinyl Acetate
 Concen: 7.903 ppbv
 RT: 5.079 min Scan# 713
 Delta R.T. 0.016 min
 Lab File: VL038769.D
 Acq: 28 Mar 2022 13:28

Instrument :

MSVOA_L

ClientSampleId :

VL0328ABS01

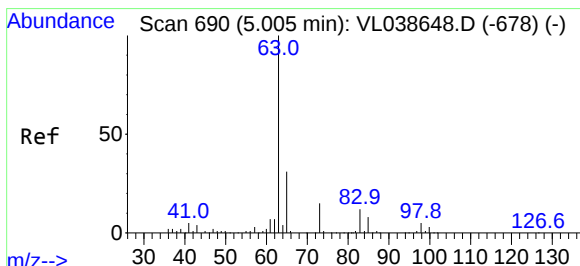
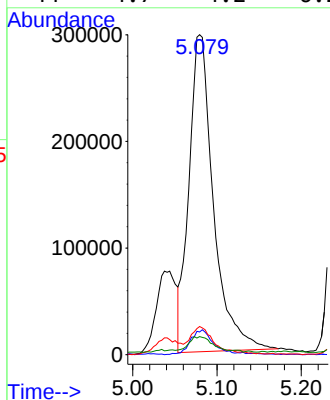
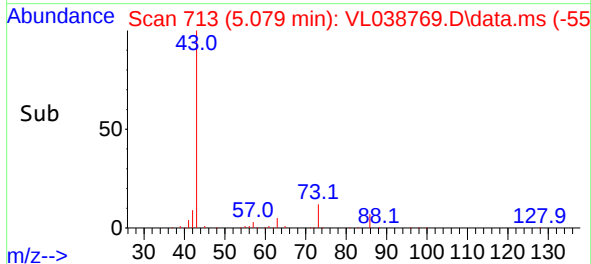


Tgt Ion: 43 Resp: 60144
 Ion Ratio Lower Upper
 43 100
 86 7.0 5.6 8.4
 42 8.8 6.8 10.2
 44 4.7 4.2 6.2

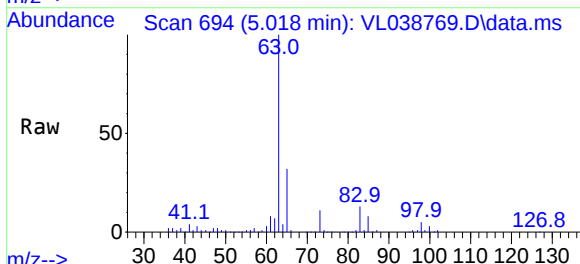
Manual Integrations

APPROVED

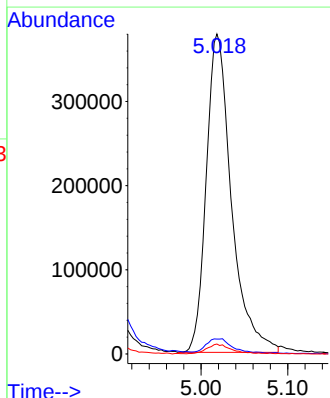
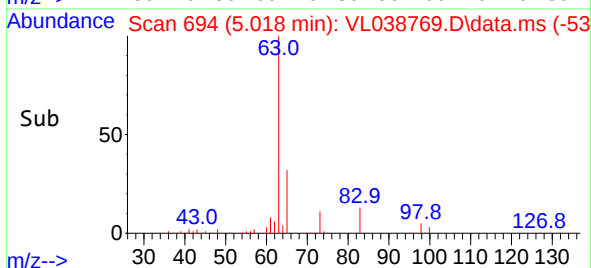
Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

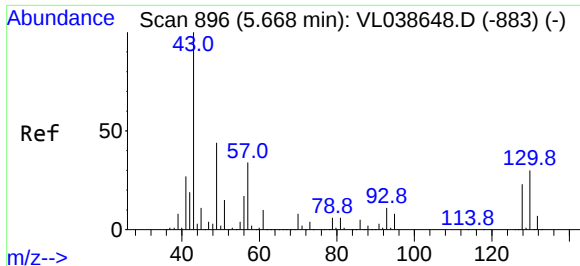


#24
 1,1-Dichloroethane
 Concen: 10.210 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.013 min
 Lab File: VL038769.D
 Acq: 28 Mar 2022 13:28



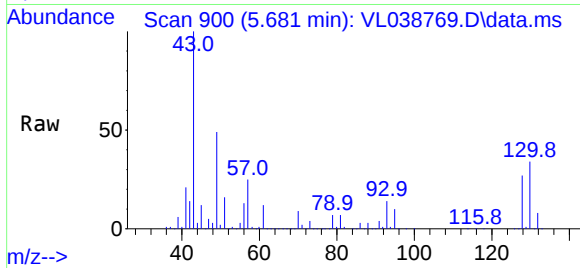
Tgt Ion: 63 Resp: 765204
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.5 7.5
 100 3.0 1.4 4.2





#25
Ethyl Acetate
Concen: 9.898 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

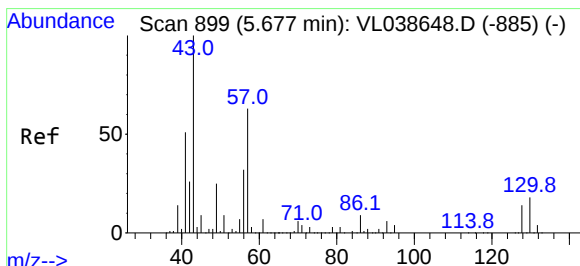
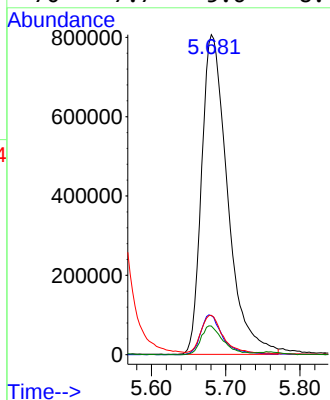
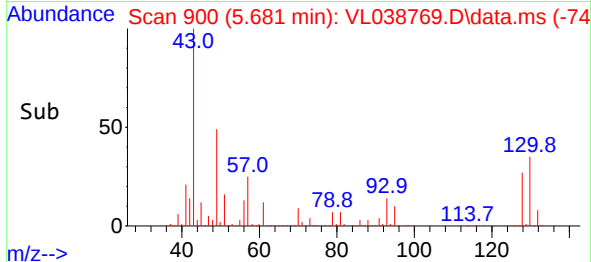


Tgt Ion: 43 Resp: 195808

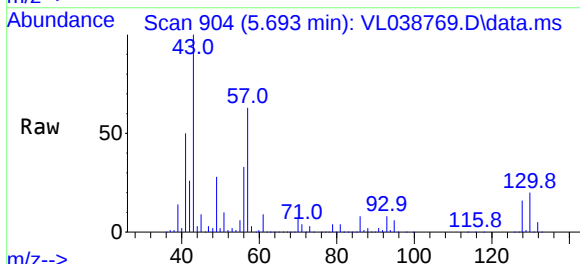
Ion	Ratio	Lower	Upper
43	100		
45	11.0	8.2	12.4
61	11.3	8.3	12.5
70	7.7	5.6	8.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

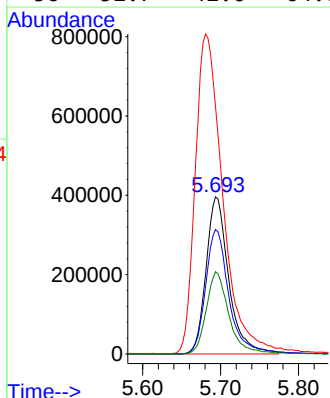
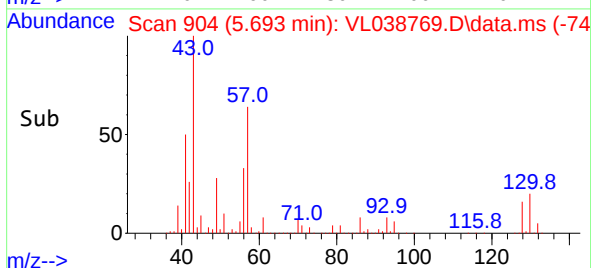


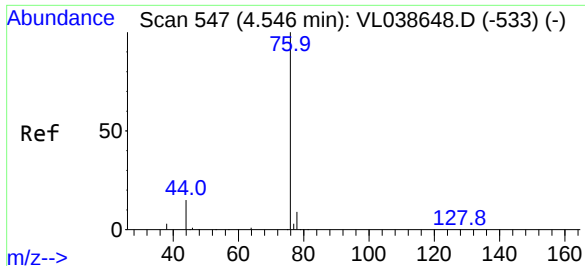
#26
Hexane
Concen: 9.034 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



Tgt Ion: 57 Resp: 800150

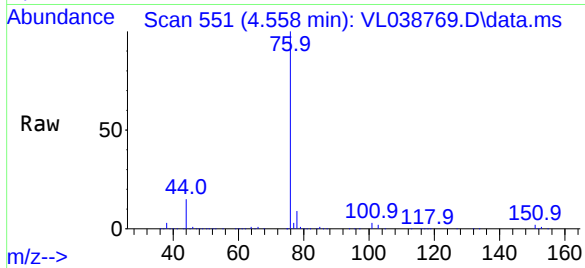
Ion	Ratio	Lower	Upper
57	100		
41	82.3	67.0	100.4
43	248.7	184.2	276.2
56	52.7	42.6	64.0





#27
Carbon Disulfide
Concen: 11.466 ppbv
RT: 4.558 min Scan# 51
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

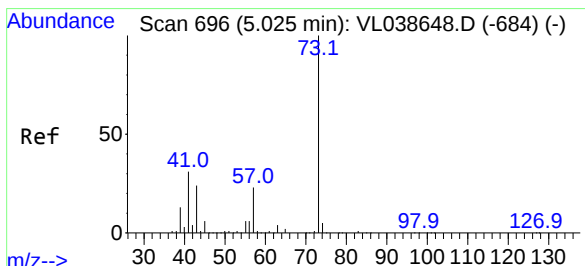
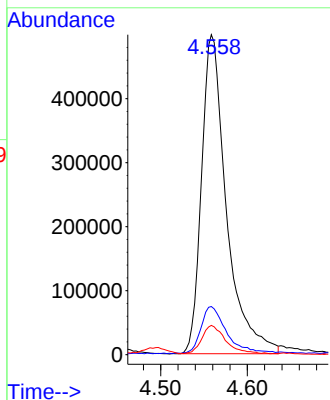
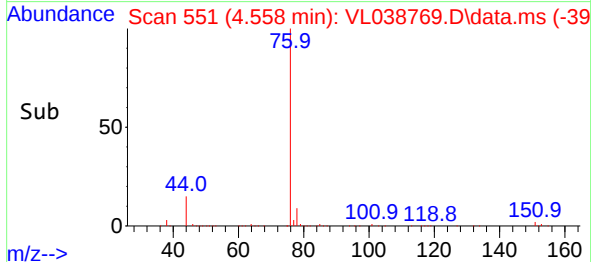
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



Tgt Ion: 76 Resp: 99624
Ion Ratio Lower Upper
76 100
44 15.9 12.4 18.6
78 9.4 7.8 11.8

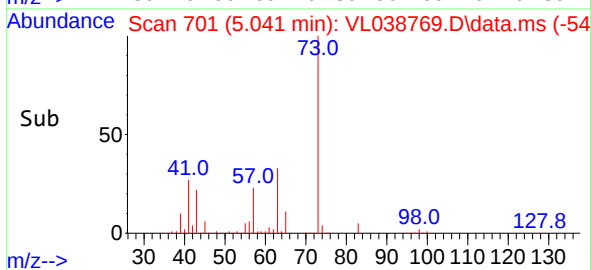
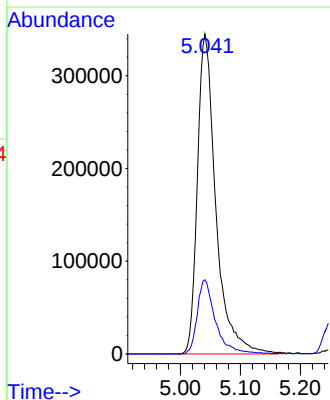
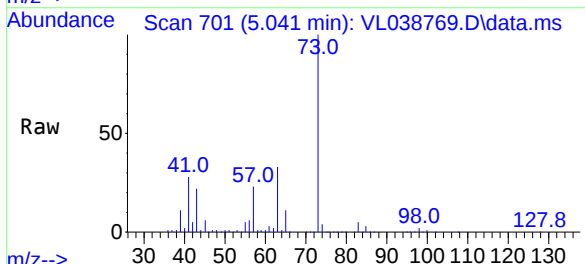
Manual Integrations
APPROVED

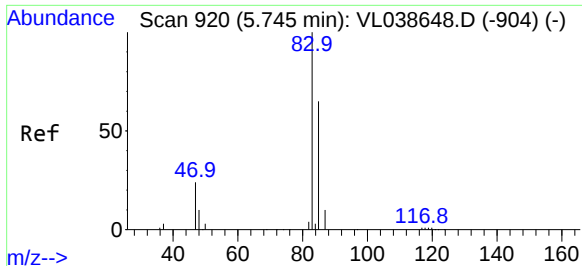
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#28
Methyl tert-Butyl Ether
Concen: 11.194 ppbv
RT: 5.041 min Scan# 701
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

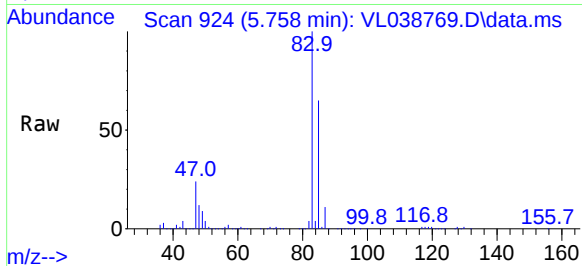
Tgt Ion: 73 Resp: 738534
Ion Ratio Lower Upper
73 100
57 23.1 19.2 28.8





#29
Chloroform
Concen: 9.137 ppbv
RT: 5.758 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

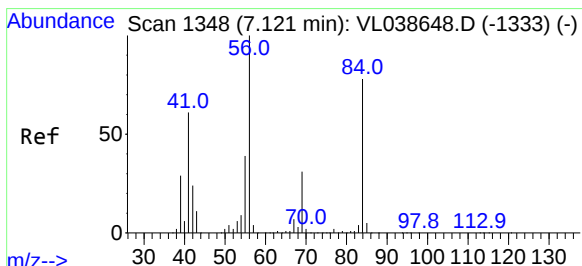
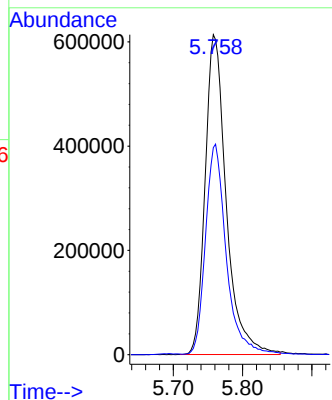
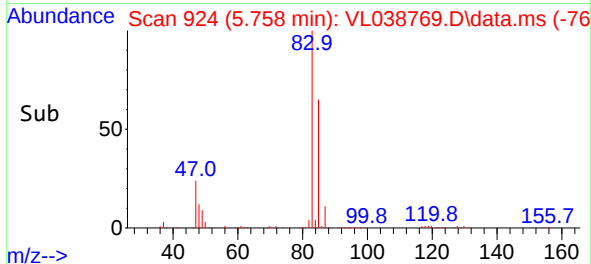
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



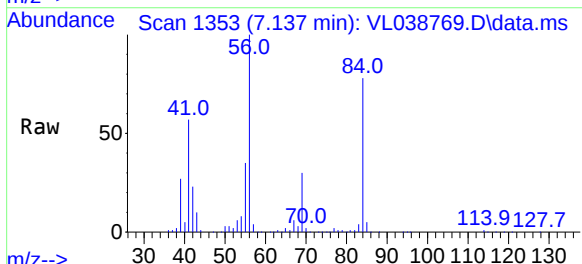
Tgt Ion: 83 Resp: 1295698
Ion Ratio Lower Upper
83 100
85 64.5 51.7 77.5

Manual Integrations
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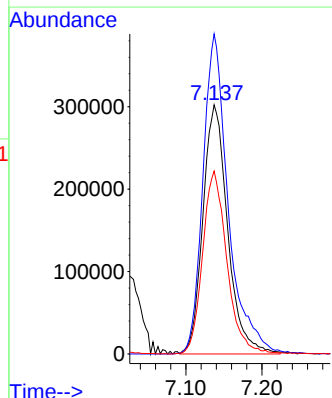
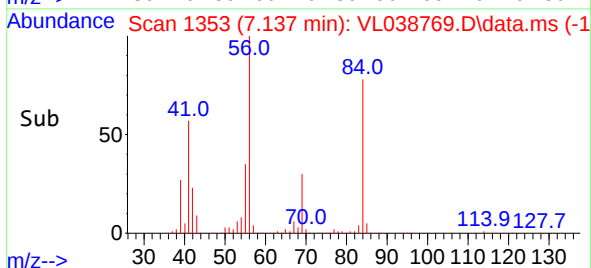
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

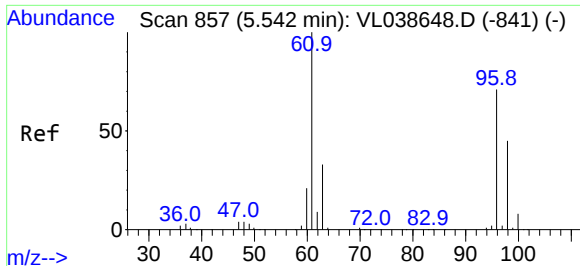


#30
Cyclohexane
Concen: 8.896 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



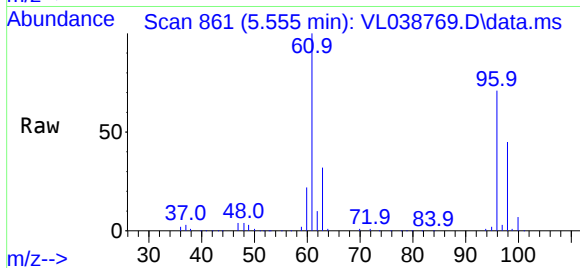
Tgt Ion: 84 Resp: 685047
Ion Ratio Lower Upper
84 100
56 131.4 108.2 162.4
41 72.2 61.8 92.6





#31
cis-1,2-Dichloroethene
Concen: 9.632 ppbv
RT: 5.555 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

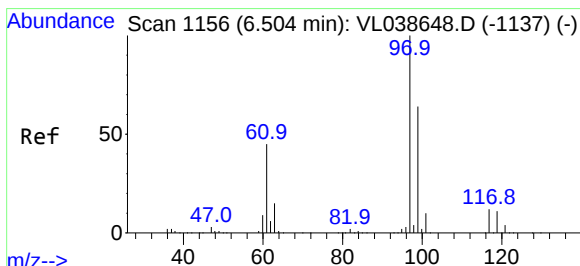
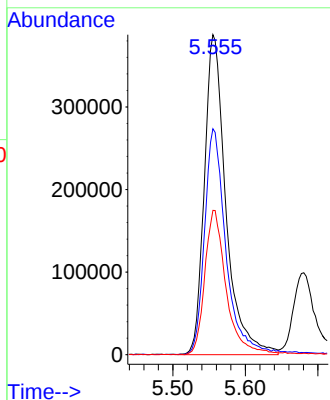
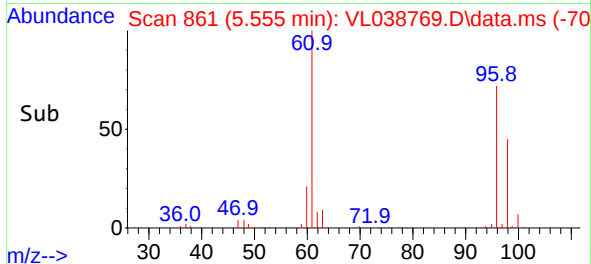
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



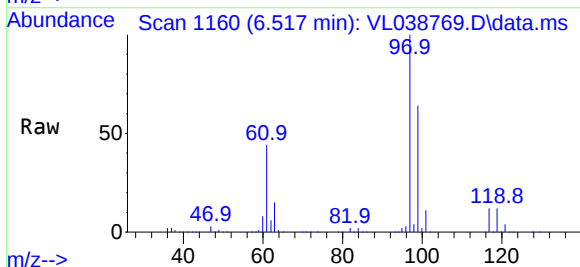
Tgt Ion: 61 Resp: 802130
Ion Ratio Lower Upper
61 100
96 70.5 56.6 84.8
98 45.0 36.3 54.5

Manual Integrations
APPROVED

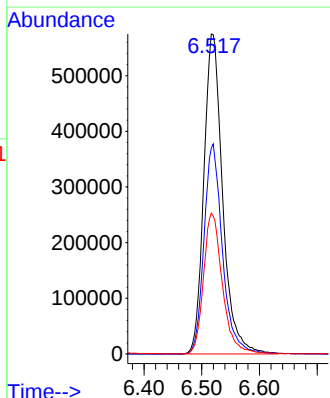
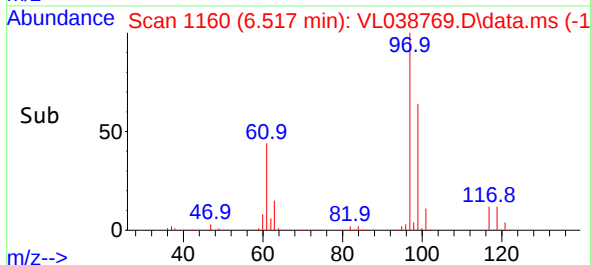
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

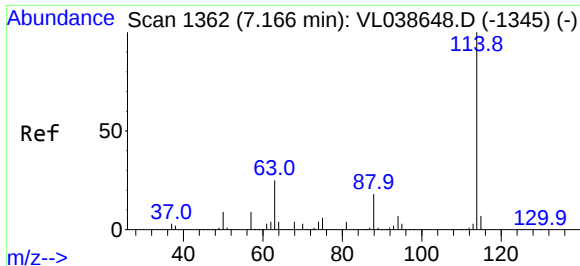


#32
1,1,1-Trichloroethane
Concen: 9.493 ppbv
RT: 6.517 min Scan# 1160
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



Tgt Ion: 97 Resp: 1299143
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.8
61 44.5 36.7 55.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :

MSVOA_L

ClientSampleId :

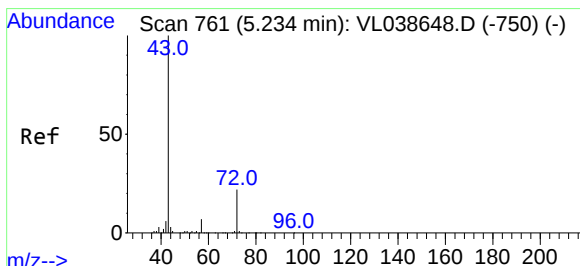
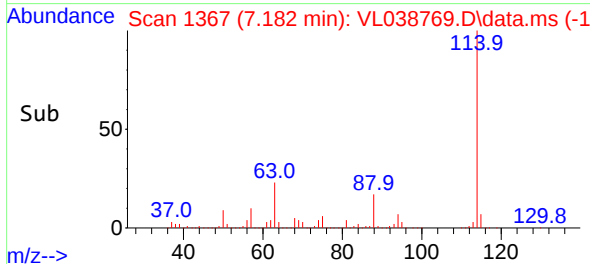
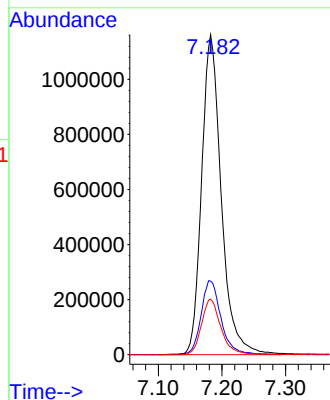
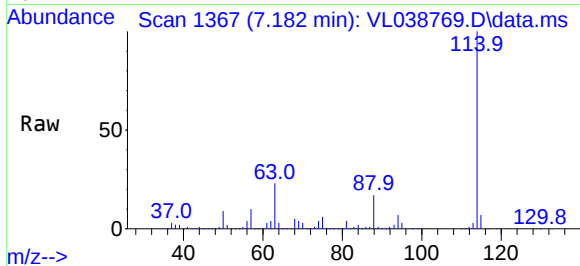
VL0328ABS01

Tgt Ion:114 Resp: 249101
Ion Ratio Lower Upper
114 100
63 23.7 19.4 29.0
88 17.1 13.9 20.9

Manual Integrations

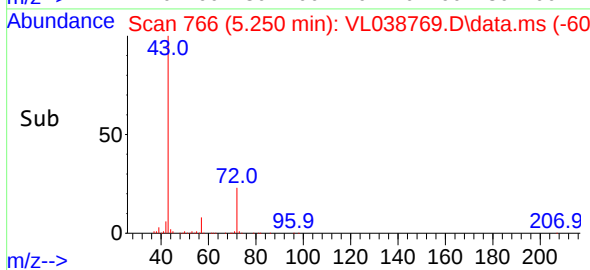
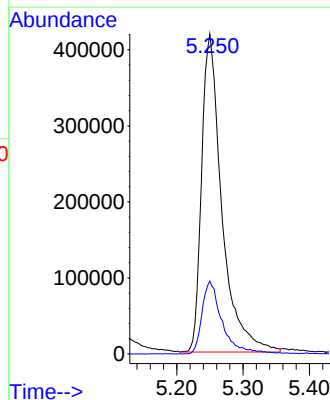
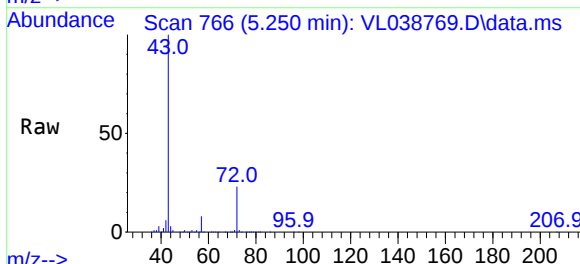
APPROVED

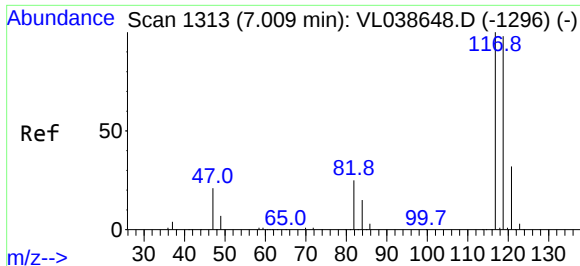
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#34
2-Butanone
Concen: 9.001 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

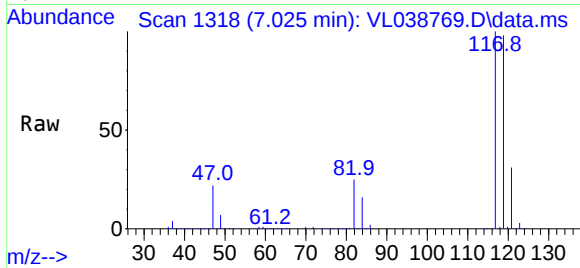
Tgt Ion: 43 Resp: 887479
Ion Ratio Lower Upper
43 100
72 23.0 17.8 26.8





#35
Carbon Tetrachloride
Concen: 9.433 ppbv
RT: 7.025 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

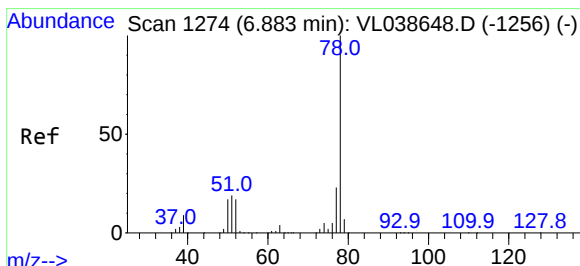
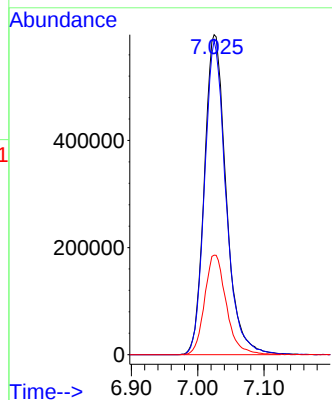
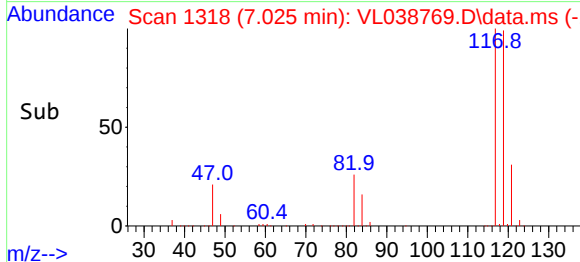
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



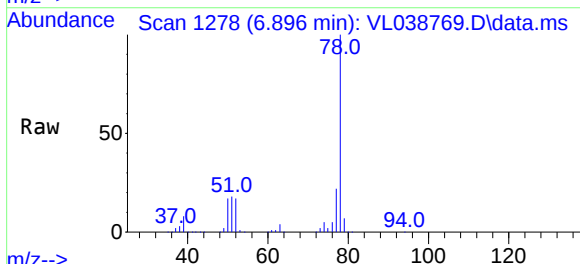
Tgt Ion:117 Resp: 1363439
Ion Ratio Lower Upper
117 100
119 98.1 78.1 117.1
121 31.1 25.8 38.6

Manual Integrations
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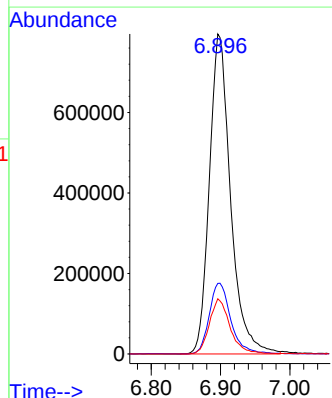
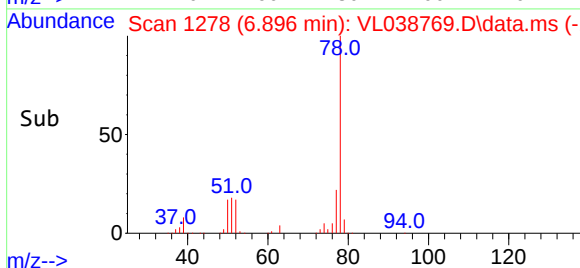
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

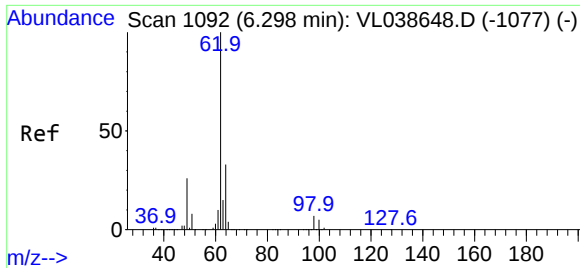


#36
Benzene
Concen: 8.768 ppbv
RT: 6.896 min Scan# 1278
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



Tgt Ion: 78 Resp: 1685767
Ion Ratio Lower Upper
78 100
77 22.0 18.1 27.1
50 17.2 13.6 20.4





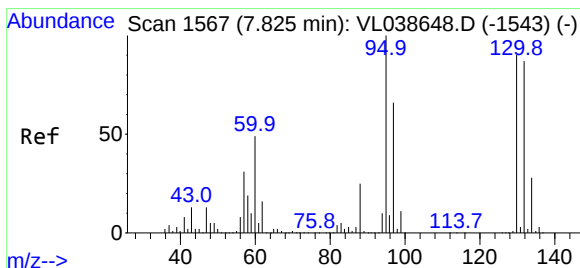
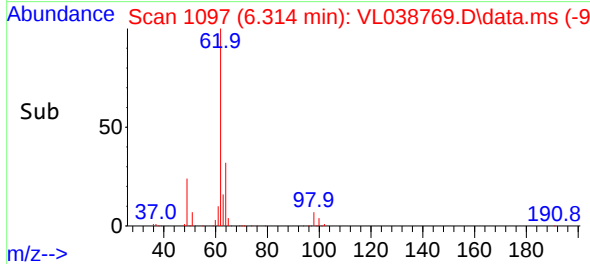
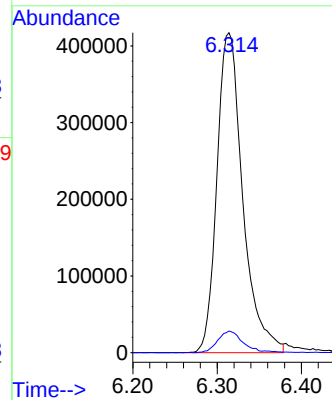
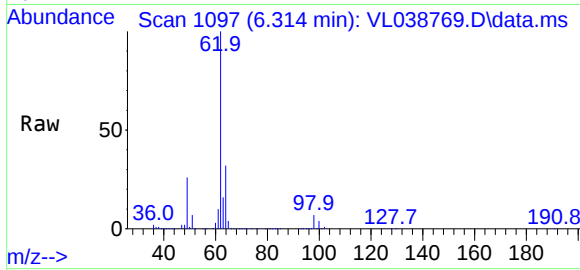
#37
1,2-Dichloroethane
Concen: 9.081 ppbv
RT: 6.314 min Scan# 1097
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

Tgt Ion: 62 Resp: 88803
Ion Ratio Lower Upper
62 100
98 6.9 5.6 8.4

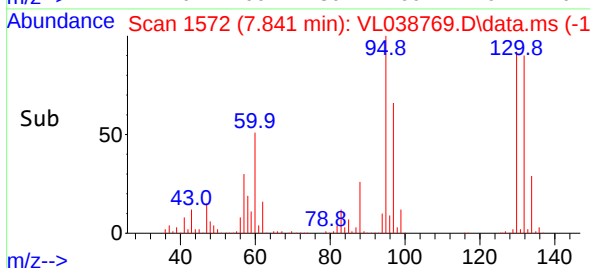
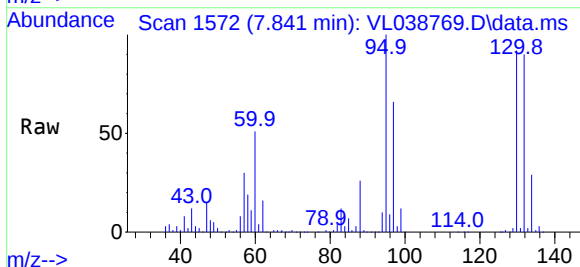
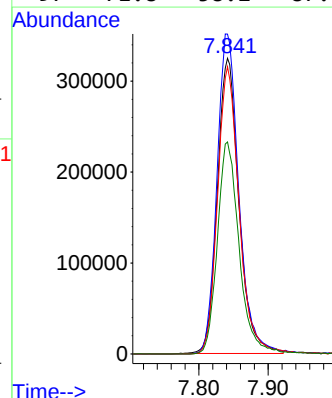
Manual Integrations
APPROVED

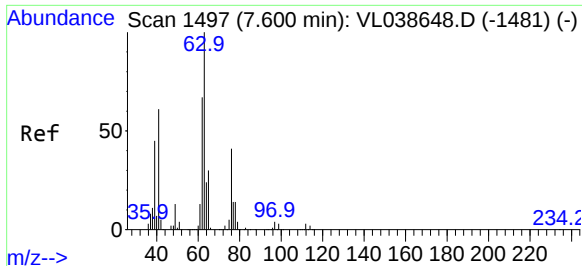
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#38
Trichloroethene
Concen: 8.771 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

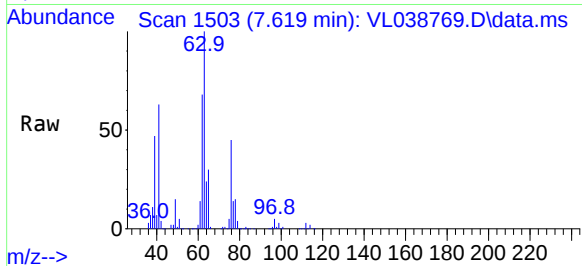
Tgt Ion:130 Resp: 706363
Ion Ratio Lower Upper
130 100
95 108.4 88.9 133.3
132 97.3 77.4 116.0
97 71.8 58.2 87.4





#39
1,2-Dichloropropane
Concen: 8.478 ppbv
RT: 7.619 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

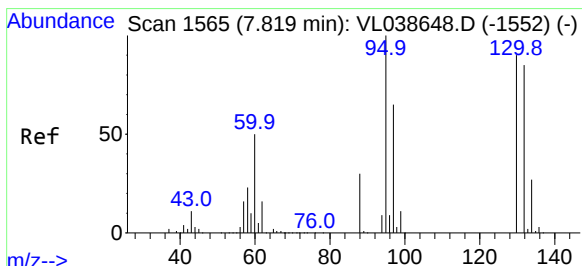
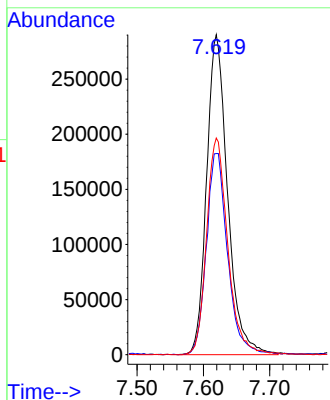
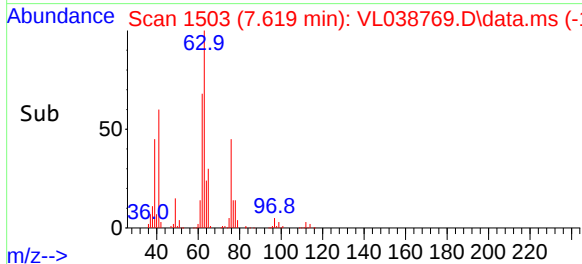
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



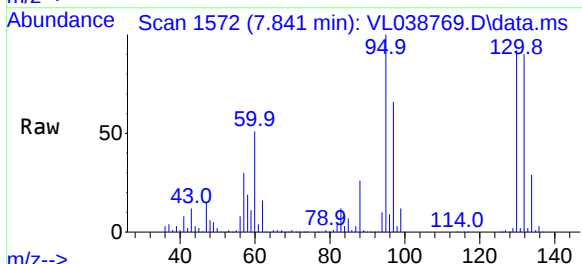
Tgt Ion: 63 Resp: 637179
Ion Ratio Lower Upper
63 100
41 62.8 49.0 73.6
62 67.7 53.9 80.9

Manual Integrations
APPROVED

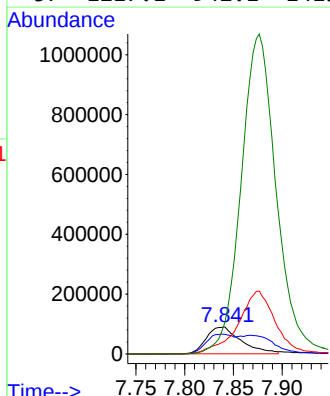
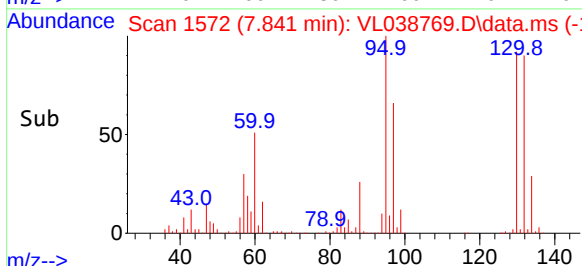
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

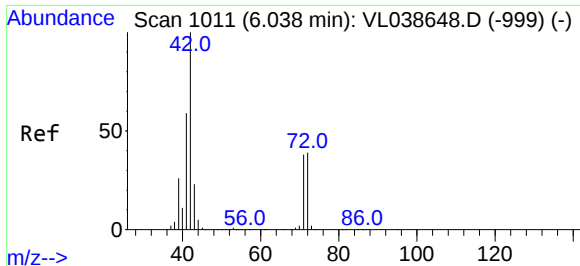


#40
1,4-Dioxane
Concen: 8.496 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. 0.022 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



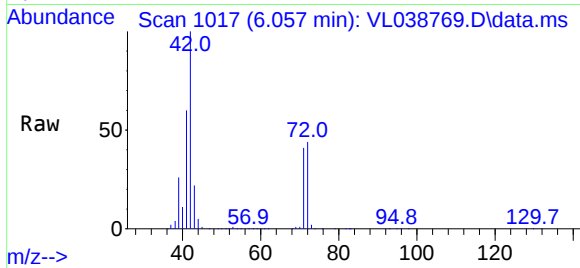
Tgt Ion: 88 Resp: 221739
Ion Ratio Lower Upper
88 100
58 132.5 105.6 158.4
43 256.0 201.9 302.9
57 1217.1 942.1 1413.1





#41
Tetrahydrofuran
Concen: 8.616 ppbv
RT: 6.057 min Scan# 1011
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

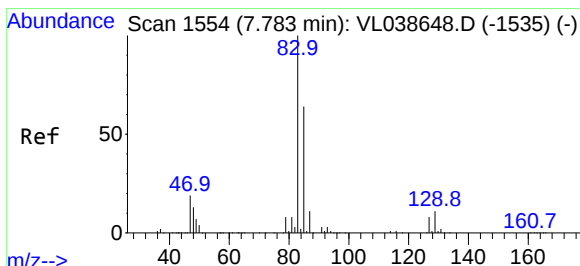
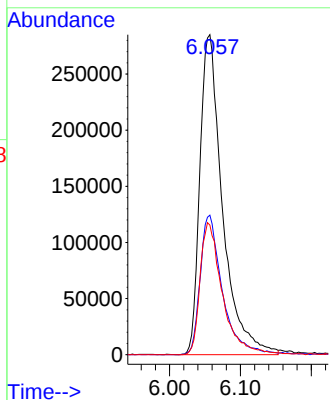
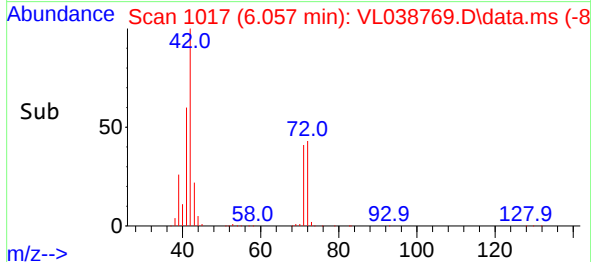
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



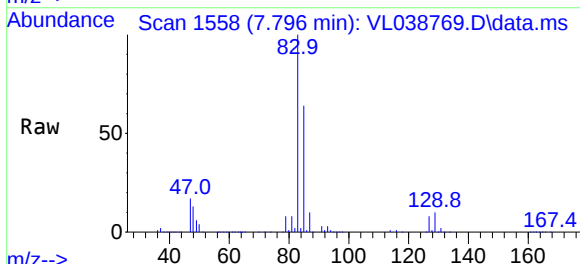
Tgt Ion: 42 Resp: 63227
Ion Ratio Lower Upper
42 100
72 43.3 32.5 48.7
71 41.1 31.4 47.2

Manual Integrations
APPROVED

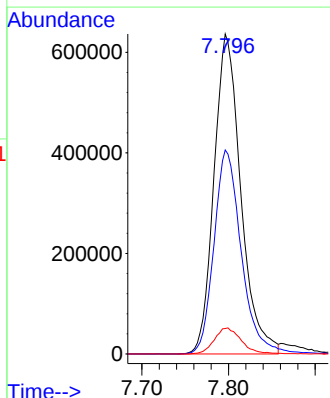
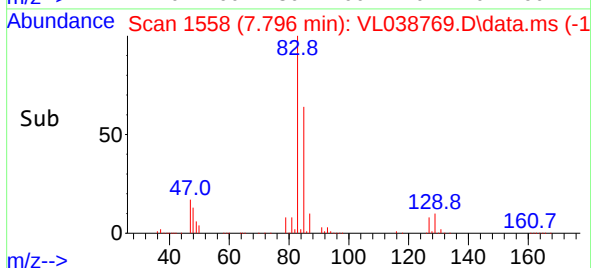
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

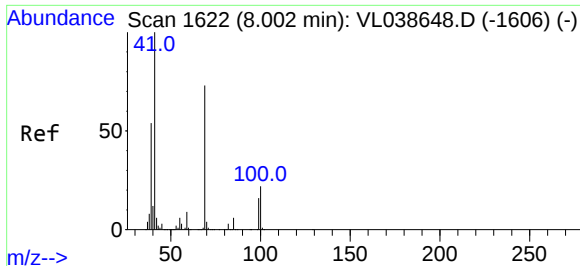


#42
Bromodichloromethane
Concen: 9.332 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



Tgt Ion: 83 Resp: 1368359
Ion Ratio Lower Upper
83 100
85 63.8 51.1 76.7
127 7.9 6.5 9.7





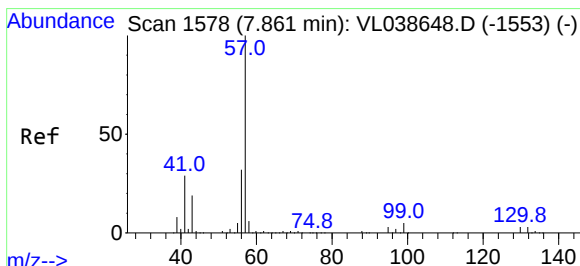
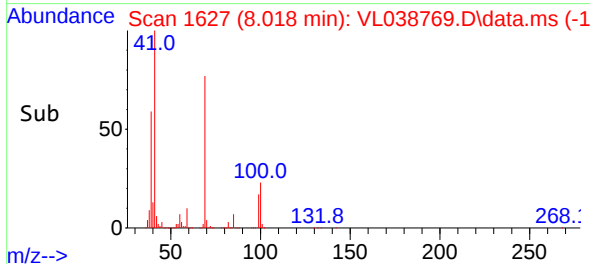
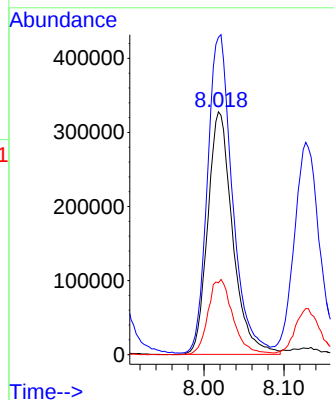
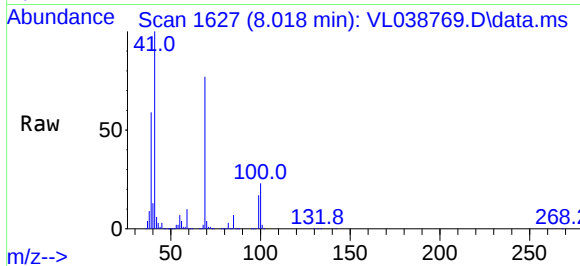
#43
Methyl Methacrylate
Concen: 9.911 ppbv
RT: 8.018 min Scan# 1622
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

Tgt Ion: 69 Resp: 707440
Ion Ratio Lower Upper
69 100
41 132.9 110.3 165.5
100 31.2 24.8 37.2

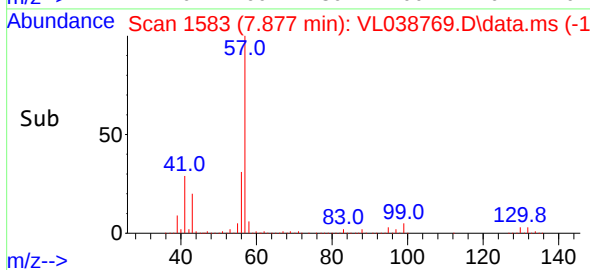
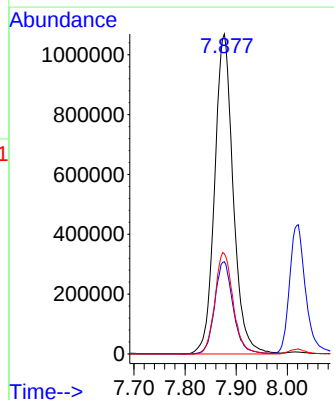
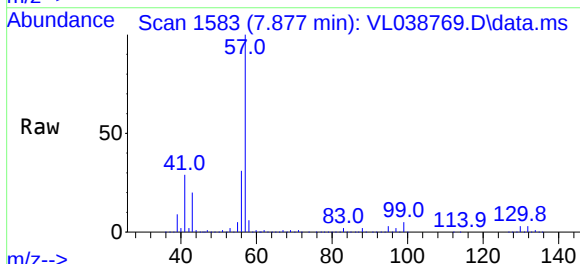
Manual Integrations
APPROVED

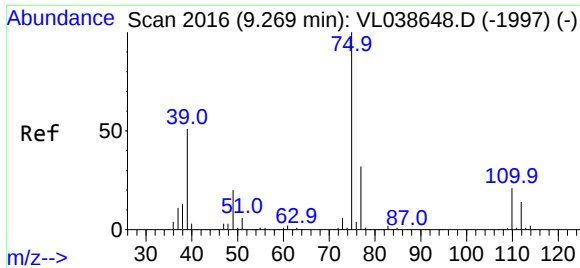
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#44
2,2,4-Trimethylpentane
Concen: 8.357 ppbv
RT: 7.877 min Scan# 1583
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Tgt Ion: 57 Resp: 2697424
Ion Ratio Lower Upper
57 100
41 28.4 23.0 34.4
56 31.2 25.3 37.9





#45
 t-1,3-Dichloropropene
 Concen: 10.837 ppbv
 RT: 9.282 min Scan# 2016
 Delta R.T. 0.013 min
 Lab File: VL038769.D
 Acq: 28 Mar 2022 13:28

Instrument :

MSVOA_L

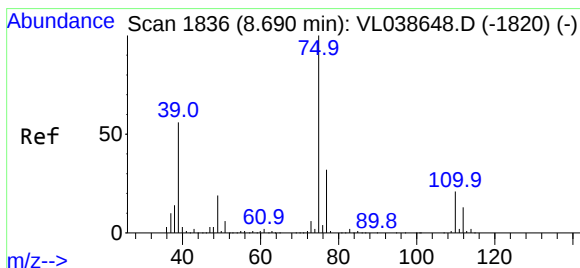
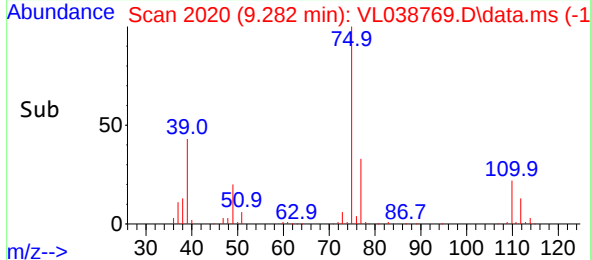
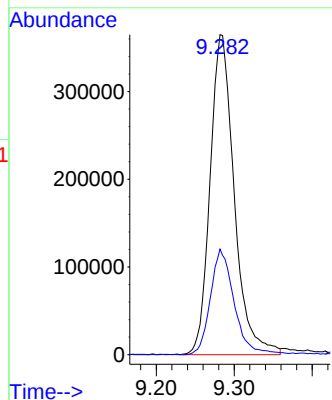
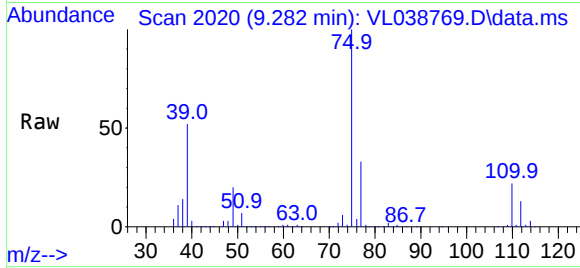
ClientSampleId :

VL0328ABS01

Tgt Ion: 75 Resp: 786472
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.5 38.3

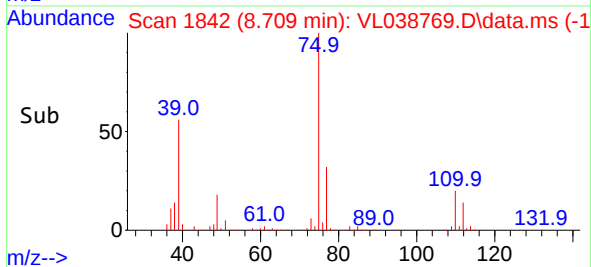
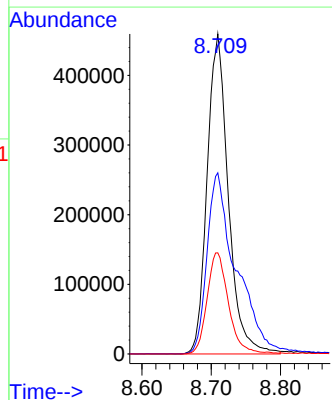
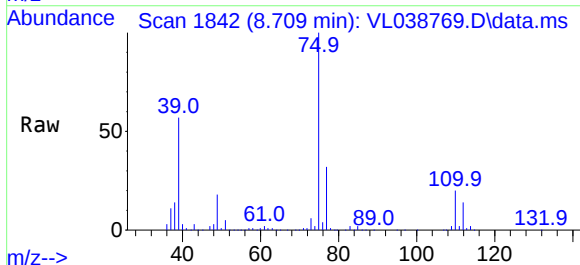
Manual Integrations
 APPROVED

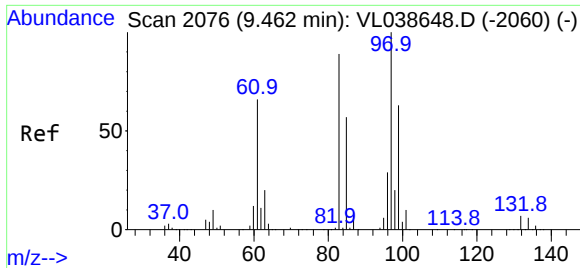
Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#46
 cis-1,3-Dichloropropene
 Concen: 9.917 ppbv
 RT: 8.709 min Scan# 1842
 Delta R.T. 0.019 min
 Lab File: VL038769.D
 Acq: 28 Mar 2022 13:28

Tgt Ion: 75 Resp: 973176
 Ion Ratio Lower Upper
 75 100
 39 56.6 44.8 67.2
 77 31.6 25.4 38.0





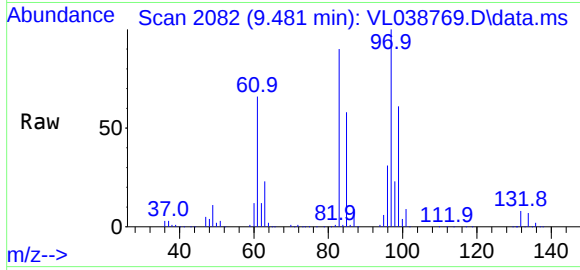
#47
1,1,2-Trichloroethane
Concen: 8.599 ppbv
RT: 9.481 min Scan# 2076
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :

MSVOA_L

ClientSampleId :

VL0328ABS01

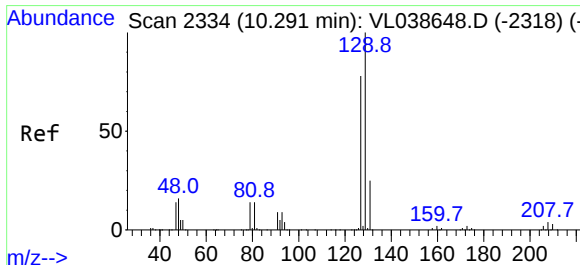
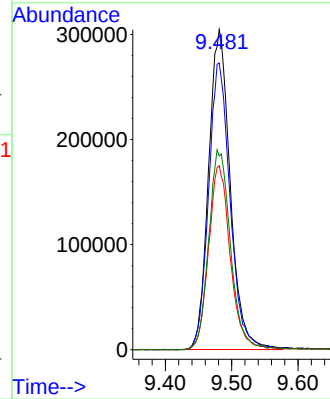
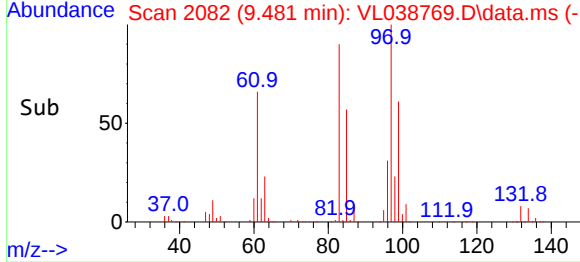


Tgt Ion: 97 Resp: 690029
Ion Ratio Lower Upper
97 100
83 89.6 71.2 106.8
85 57.4 45.3 67.9
99 60.6 50.6 76.0

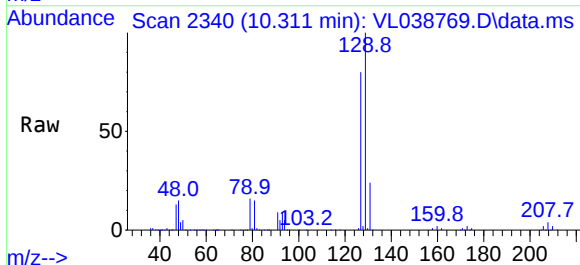
Manual Integrations

APPROVED

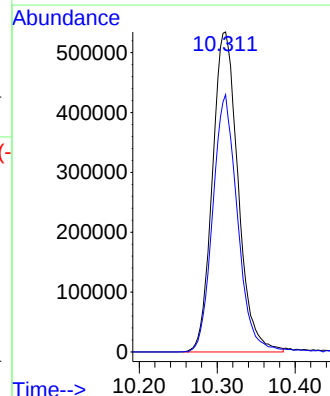
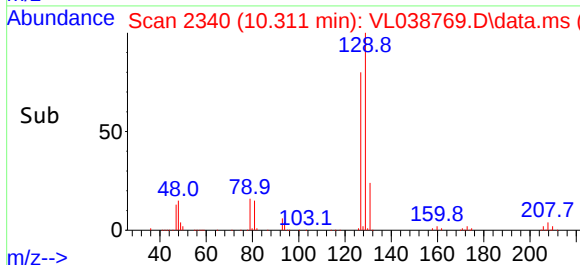
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

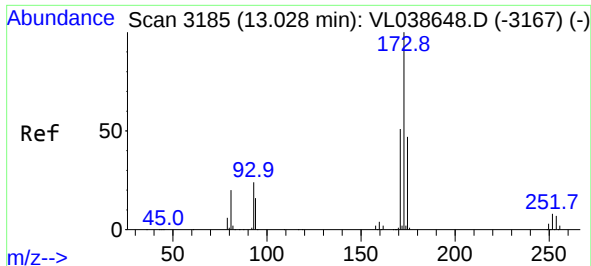


#48
Dibromochloromethane
Concen: 9.752 ppbv
RT: 10.311 min Scan# 2340
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



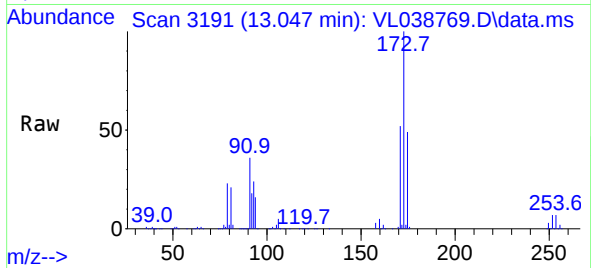
Tgt Ion:129 Resp: 1225789
Ion Ratio Lower Upper
129 100
127 78.8 39.5 118.5





#49
Bromoform
Concen: 9.950 ppbv
RT: 13.047 min Scan# 3185
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

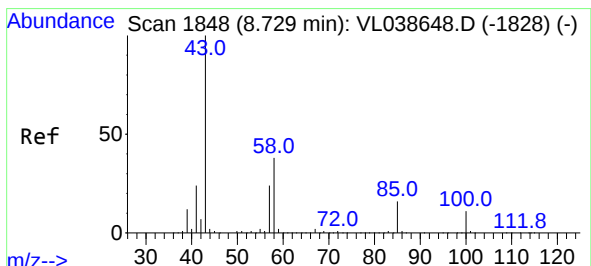
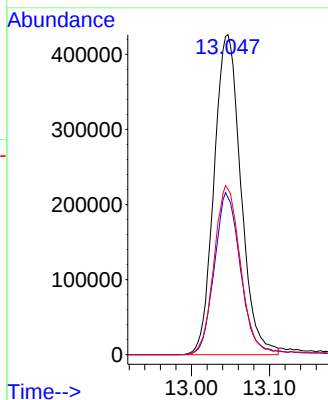
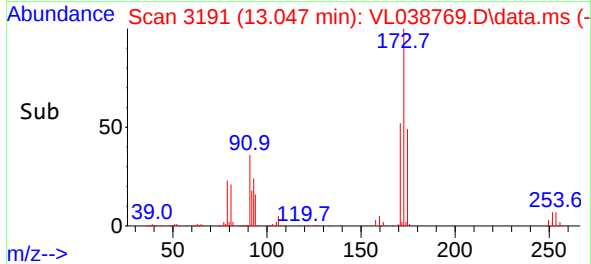
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



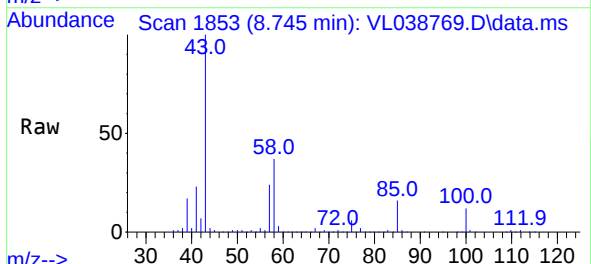
Tgt Ion:173 Resp: 1019274
Ion Ratio Lower Upper
173 100
175 50.7 41.0 61.6
171 53.7 43.1 64.7

Manual Integrations
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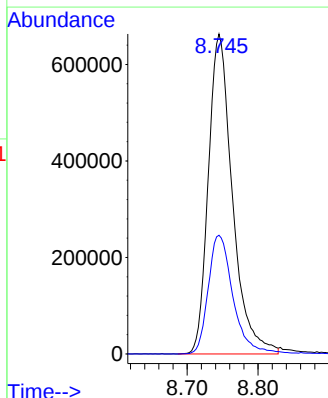
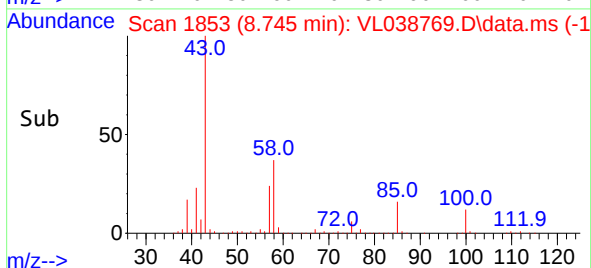
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

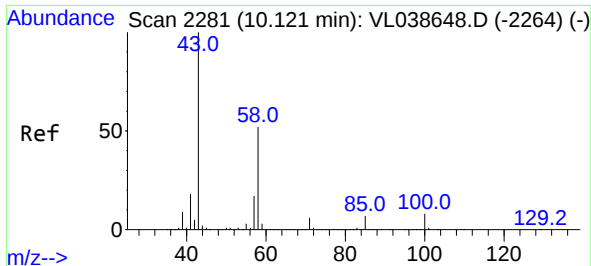


#50
4-Methyl-2-Pentanone
Concen: 8.542 ppbv
RT: 8.745 min Scan# 1853
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



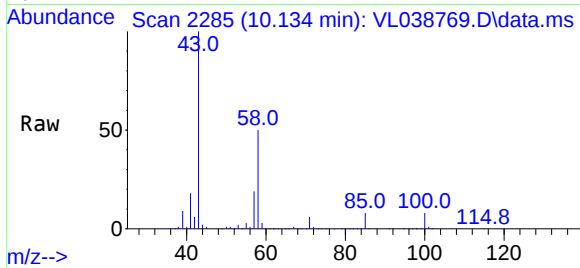
Tgt Ion: 43 Resp: 1565822
Ion Ratio Lower Upper
43 100
58 38.7 29.9 44.9





#51
2-Hexanone
Concen: 9.128 ppbv
RT: 10.134 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

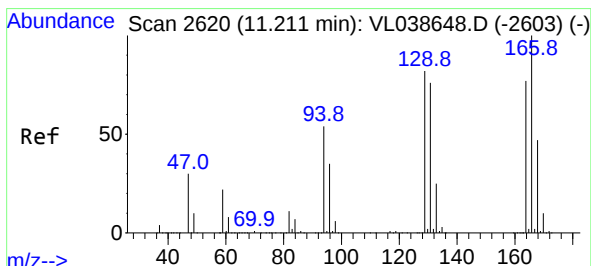
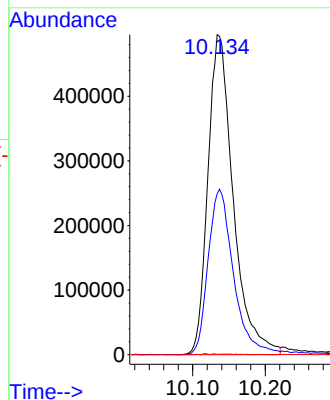
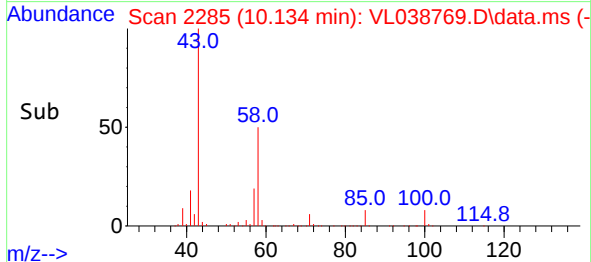
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



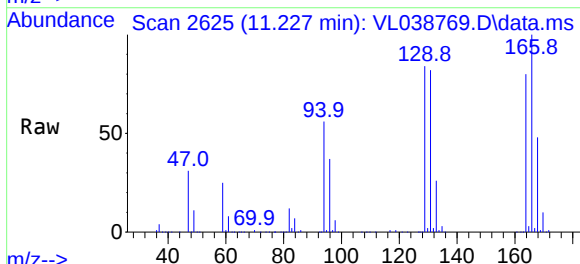
Tgt Ion: 43 Resp: 120178
Ion Ratio Lower Upper
43 100
58 52.8 41.2 61.8
98 0.2 0.2 0.4

Manual Integrations
APPROVED

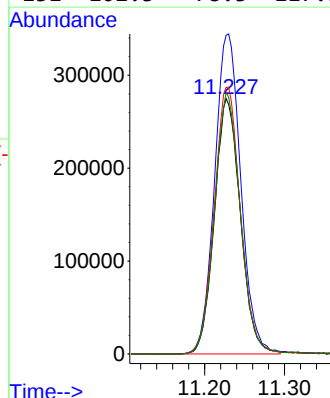
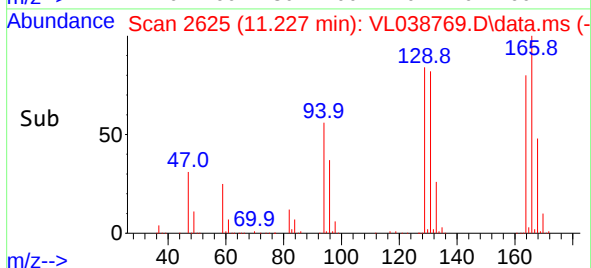
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

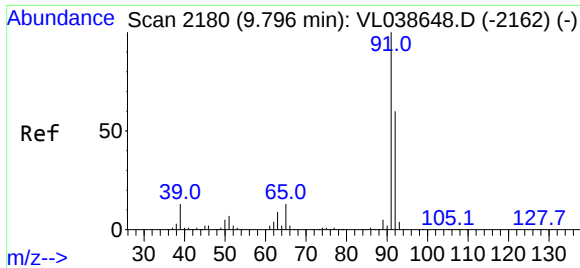


#52
Tetrachloroethene
Concen: 8.782 ppbv
RT: 11.227 min Scan# 2625
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



Tgt Ion:164 Resp: 617869
Ion Ratio Lower Upper
164 100
166 124.8 103.3 154.9
129 104.4 85.2 127.8
131 102.3 78.3 117.5





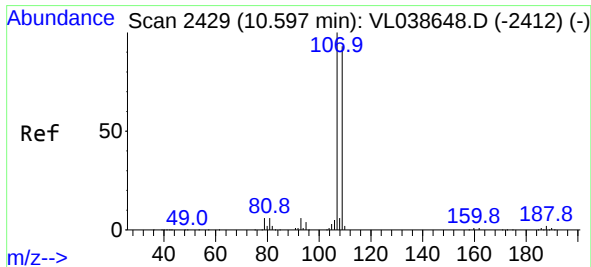
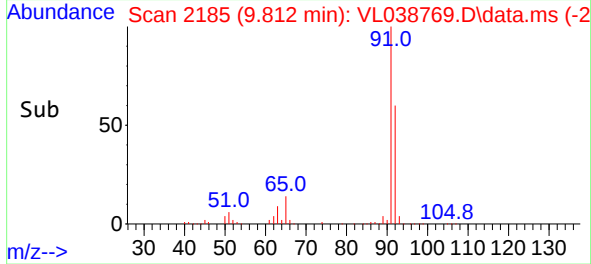
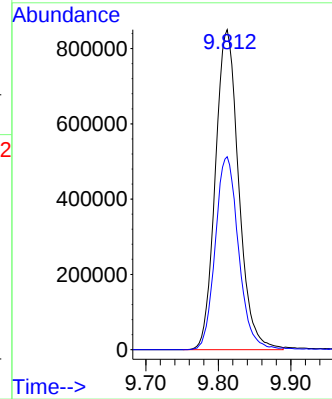
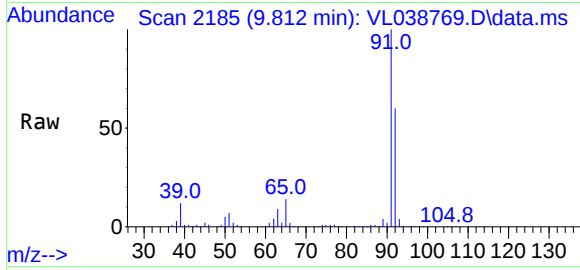
#53
Toluene
Concen: 9.205 ppbv
RT: 9.812 min Scan# 2180
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

Tgt Ion: 91 Resp: 190152
Ion Ratio Lower Upper
91 100
92 60.4 48.7 73.1

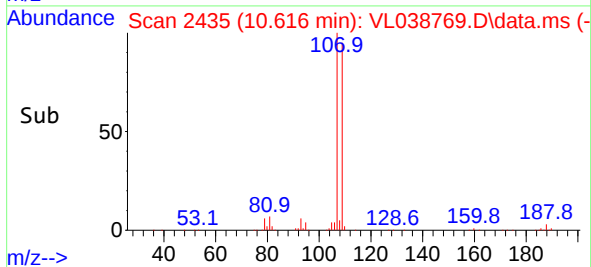
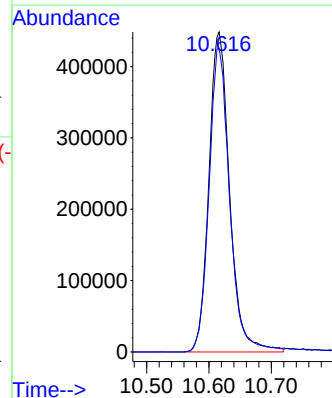
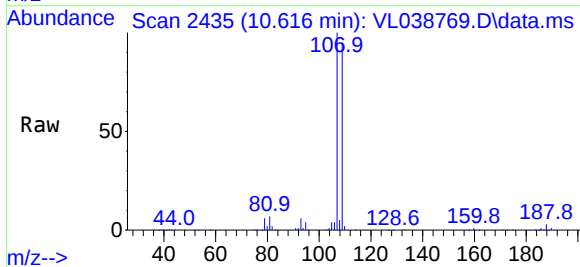
Manual Integrations
APPROVED

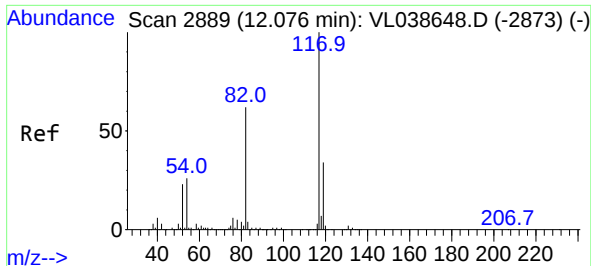
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#54
1,2-Dibromoethane
Concen: 9.477 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

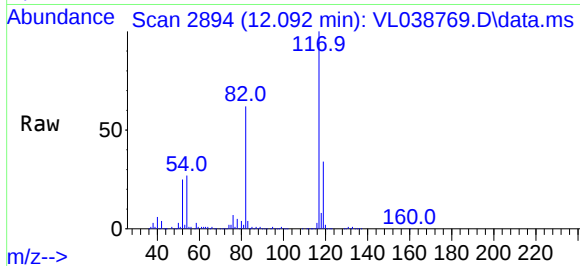
Tgt Ion:107 Resp: 1038403
Ion Ratio Lower Upper
107 100
109 94.9 74.1 111.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.092 min Scan# 2889
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

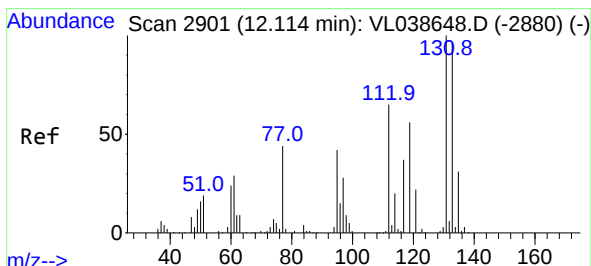
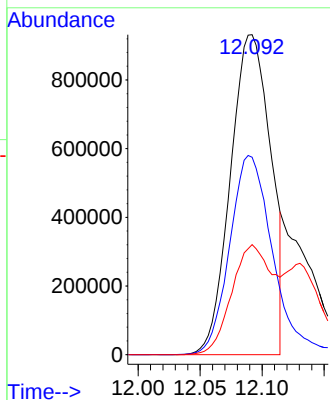
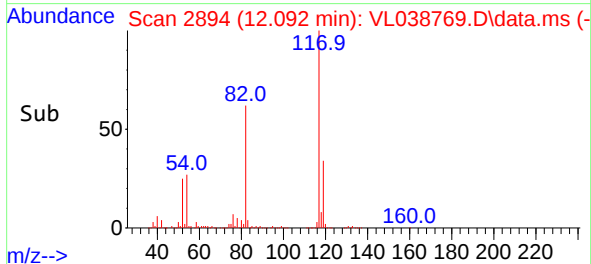
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



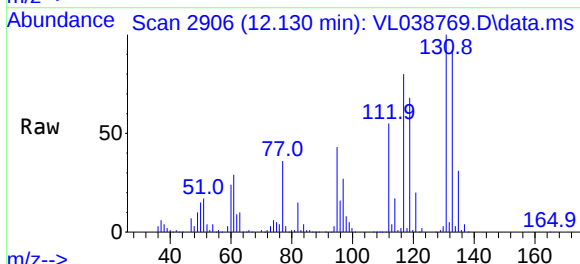
Tgt Ion:117 Resp: 2096869
Ion Ratio Lower Upper
117 100
82 69.6 51.6 77.4
119 35.5 26.9 40.3

Manual Integrations
APPROVED

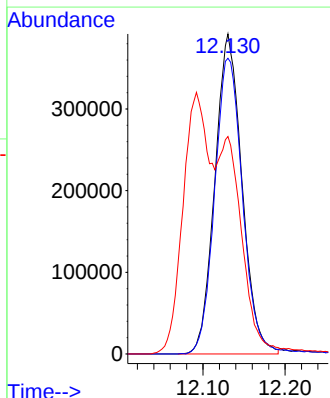
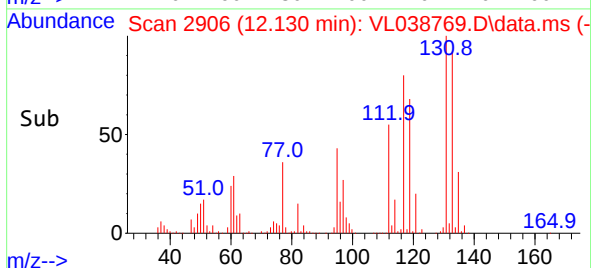
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

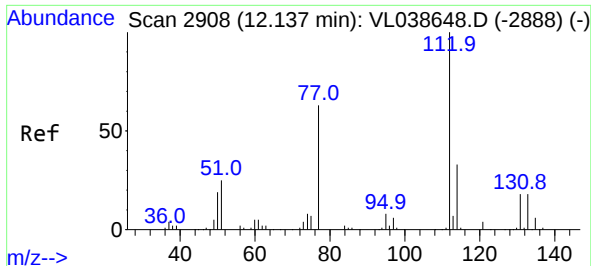


#56
1,1,1,2-Tetrachloroethane
Concen: 10.330 ppbv
RT: 12.130 min Scan# 2906
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



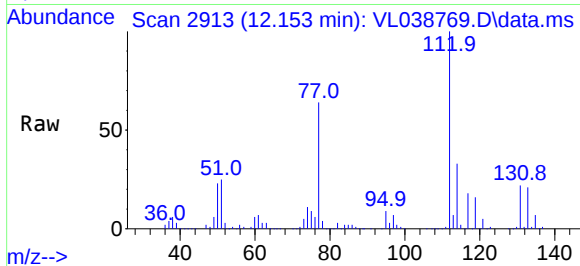
Tgt Ion:131 Resp: 898031
Ion Ratio Lower Upper
131 100
133 96.6 77.3 115.9
119 145.8 53.0 79.6#





#57
Chlorobenzene
Concen: 9.354 ppbv
RT: 12.153 min Scan# 2908
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

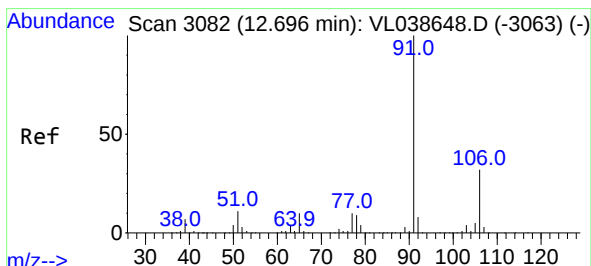
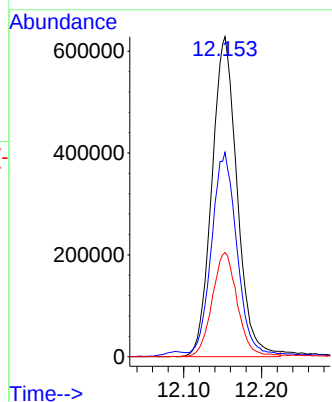
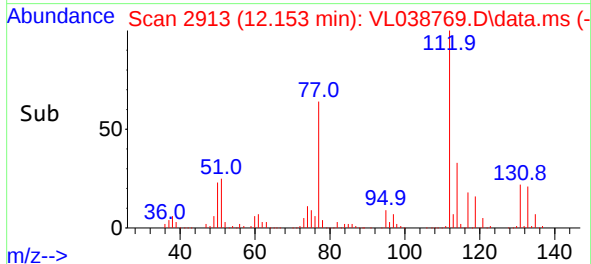
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



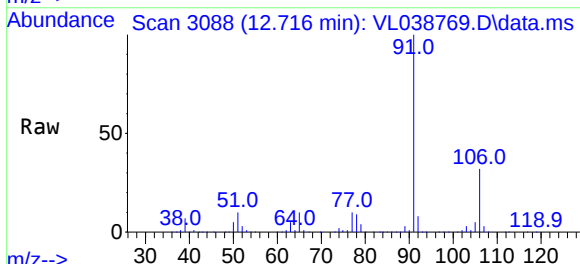
Tgt Ion:112 Resp: 1414586
Ion Ratio Lower Upper
112 100
77 62.9 51.0 76.6
114 32.5 29.8 36.4

Manual Integrations
APPROVED

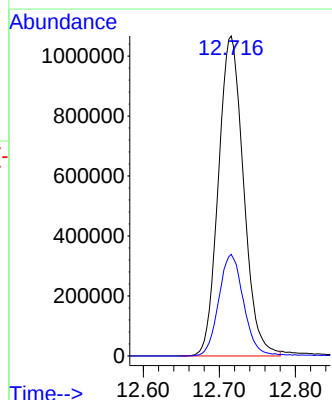
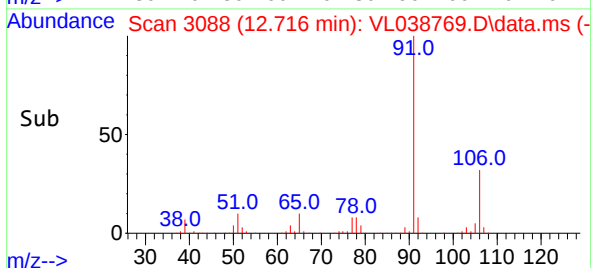
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

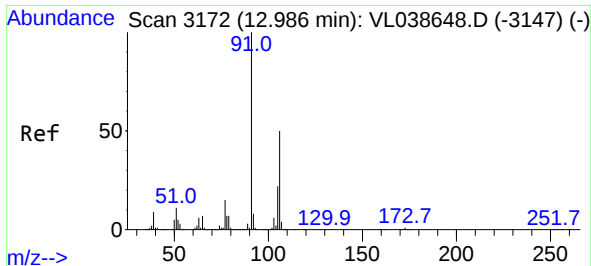


#58
Ethyl Benzene
Concen: 9.993 ppbv
RT: 12.716 min Scan# 3088
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



Tgt Ion: 91 Resp: 2449625
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0





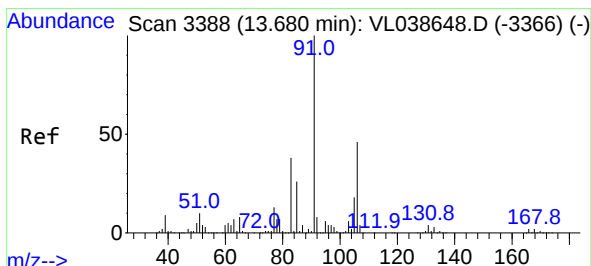
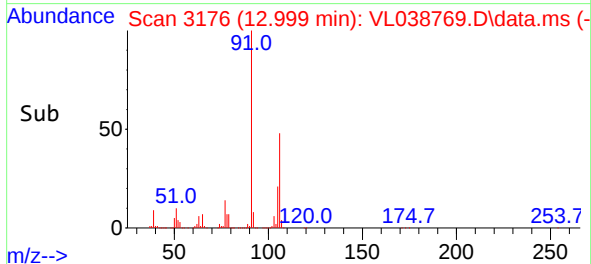
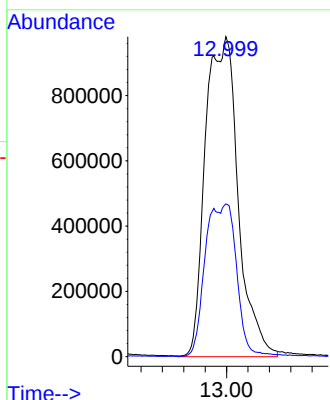
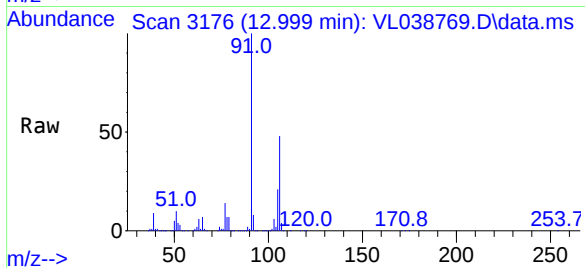
#59
m/p-Xylene
Concen: 19.392 ppbv m
RT: 12.999 min Scan# 3176
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

Tgt Ion: 91 Resp: 415826
Ion Ratio Lower Upper
91 100
106 46.3 37.2 55.8

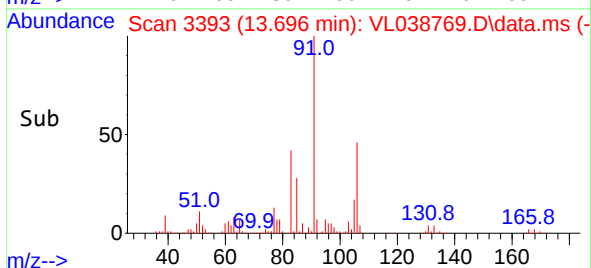
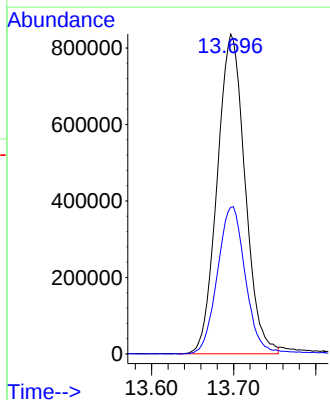
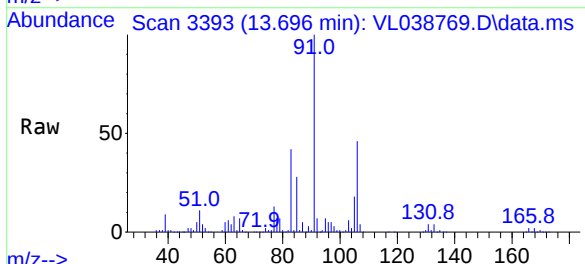
Manual Integrations
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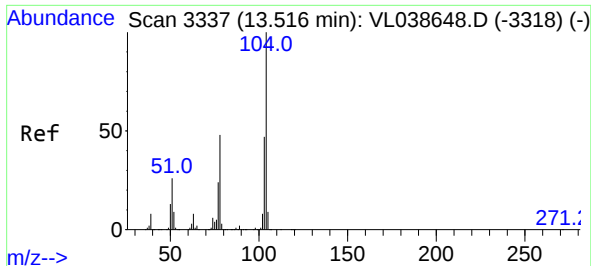
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#60
o-Xylene
Concen: 9.670 ppbv
RT: 13.696 min Scan# 3393
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

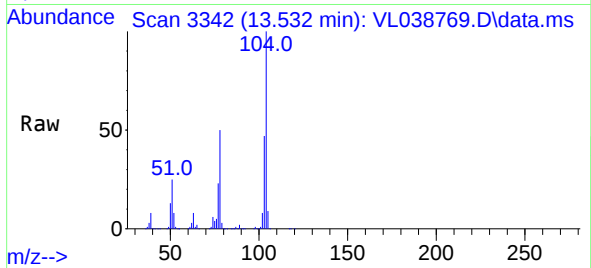
Tgt Ion: 91 Resp: 1968851
Ion Ratio Lower Upper
91 100
106 47.3 23.5 70.5





#61
Styrene
Concen: 10.735 ppbv
RT: 13.532 min Scan# 311
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

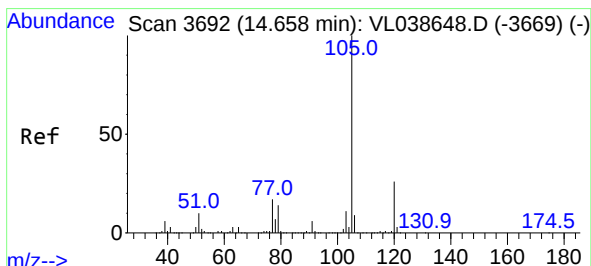
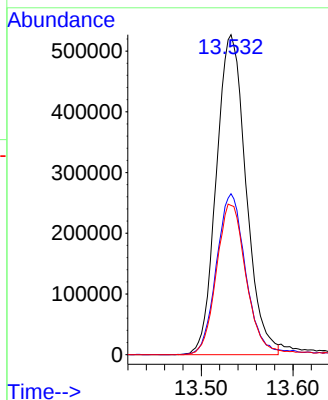
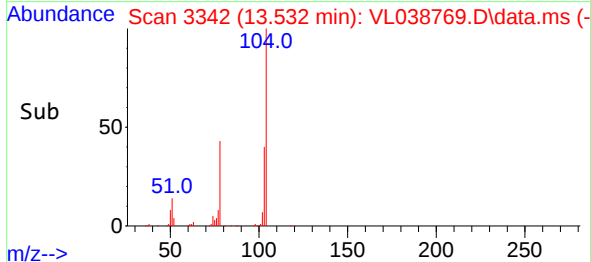
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



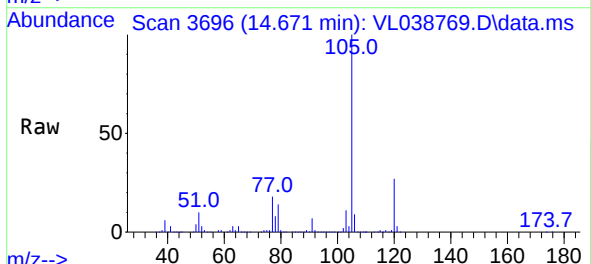
Tgt Ion:104 Resp: 118527
Ion Ratio Lower Upper
104 100
78 50.3 39.0 58.4
103 47.8 37.8 56.8

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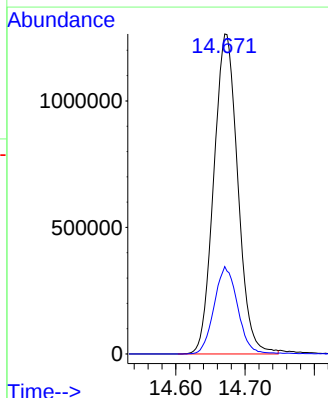
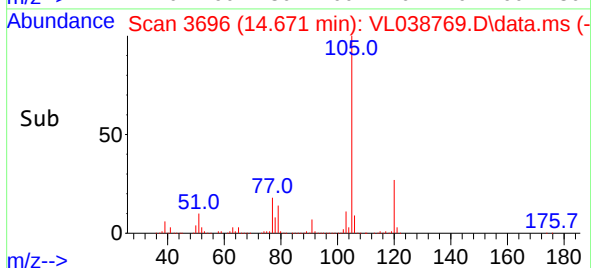
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

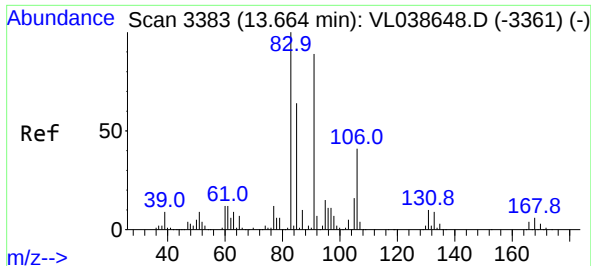


#62
Isopropylbenzene
Concen: 9.948 ppbv
RT: 14.671 min Scan# 3696
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



Tgt Ion:105 Resp: 3044972
Ion Ratio Lower Upper
105 100
120 26.9 21.2 31.8





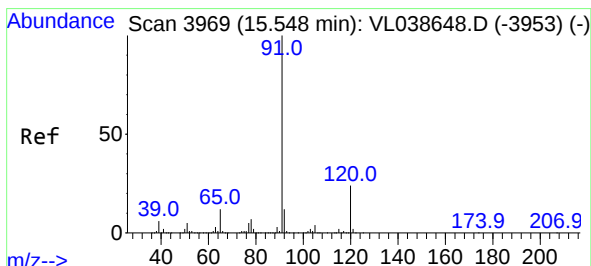
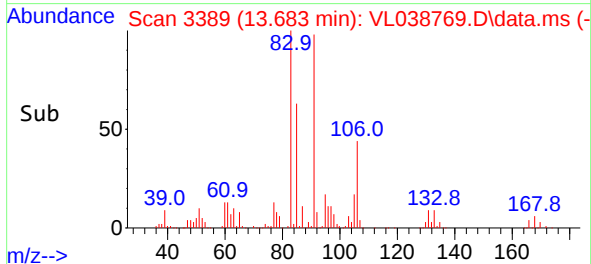
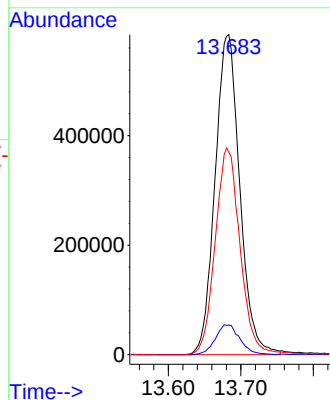
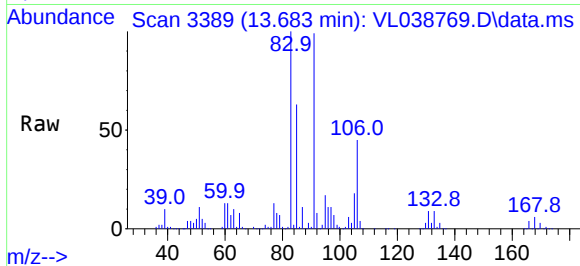
#63
1,1,2,2-Tetrachloroethane
Concen: 8.771 ppbv
RT: 13.683 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

Tgt Ion: 83 Resp: 1383254
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 65.1 32.6 97.8

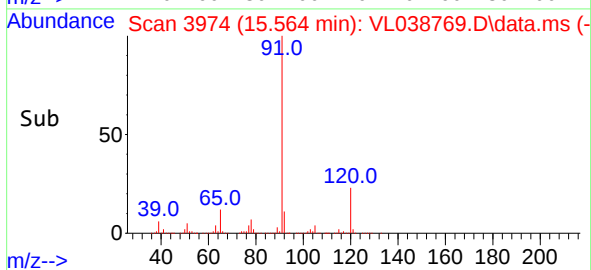
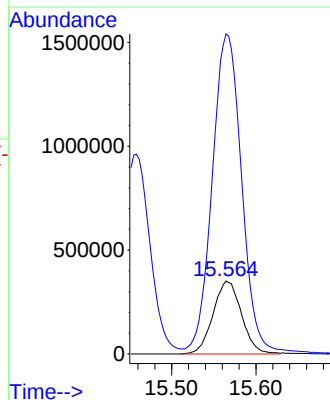
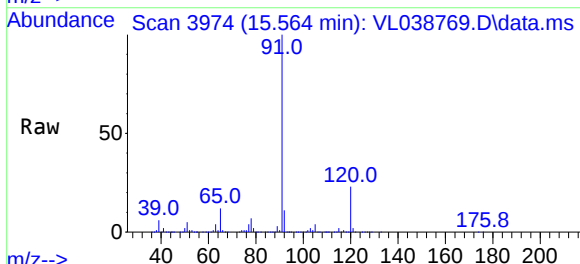
Manual Integrations
APPROVED

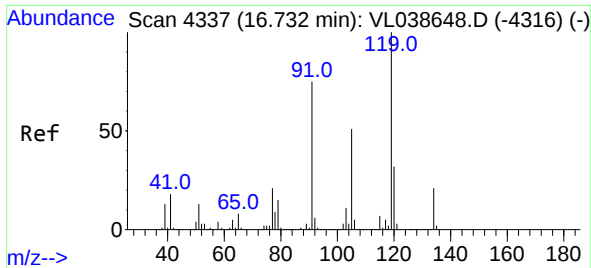
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#64
n-propylbenzene
Concen: 10.215 ppbv
RT: 15.564 min Scan# 3974
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

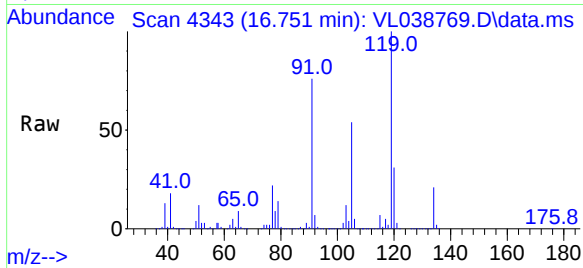
Tgt Ion:120 Resp: 820420
Ion Ratio Lower Upper
120 100
91 458.0 368.0 552.0





#65
tert-Butylbenzene
Concen: 9.848 ppbv
RT: 16.751 min Scan# 411
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

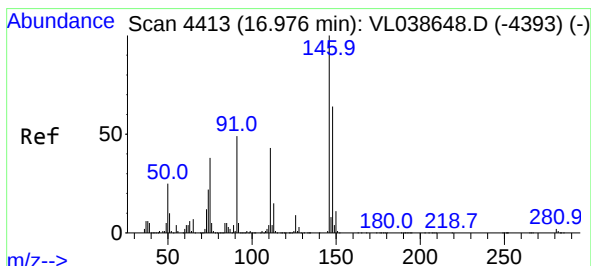
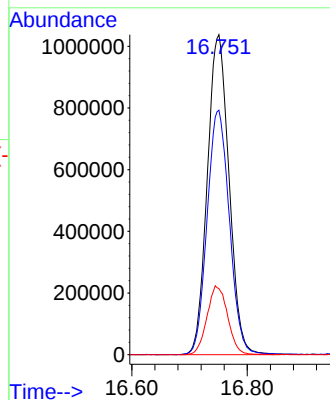
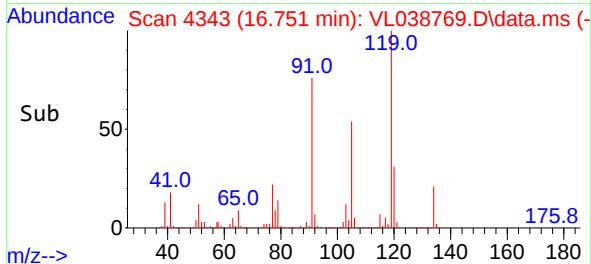
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



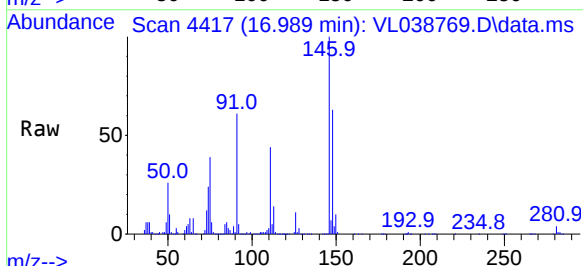
Tgt Ion: 119 Resp: 270848
Ion Ratio Lower Upper
119 100
91 78.5 61.2 91.8
134 20.5 16.3 24.5

Manual Integrations
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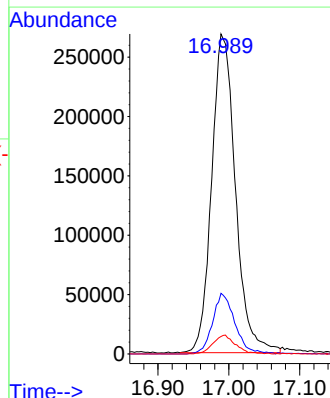
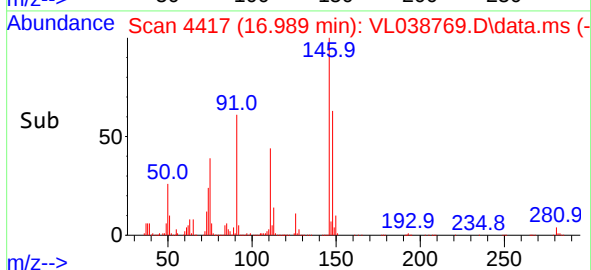
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

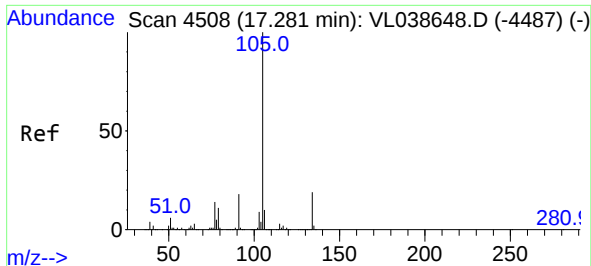


#66
Benzyl Chloride
Concen: 12.027 ppbv
RT: 16.989 min Scan# 4417
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



Tgt Ion: 91 Resp: 626321
Ion Ratio Lower Upper
91 100
126 17.8 14.3 21.5
128 5.8 4.6 6.8





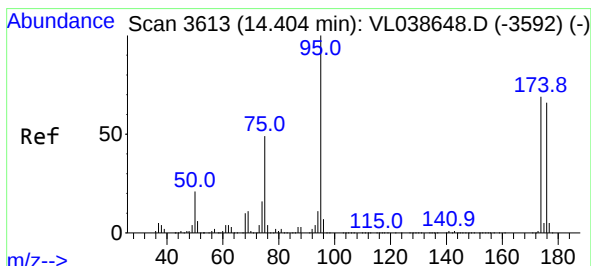
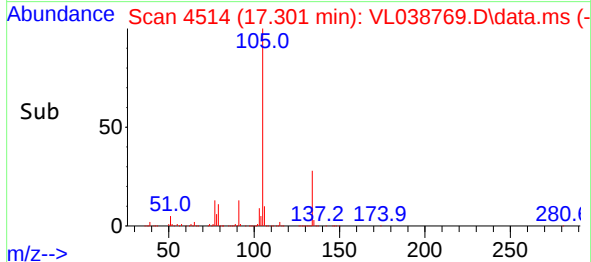
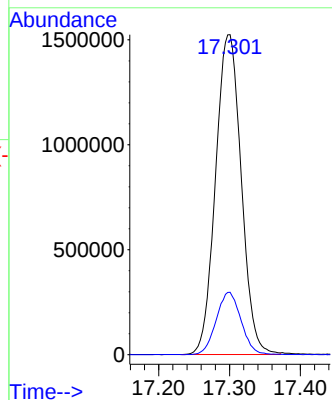
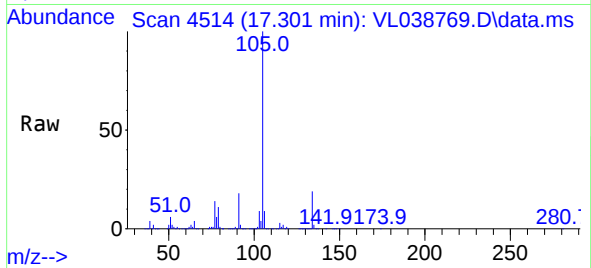
#67
 sec-Butylbenzene
 Concen: 9.748 ppbv
 RT: 17.301 min Scan# 4514
 Delta R.T. 0.019 min
 Lab File: VL038769.D
 Acq: 28 Mar 2022 13:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0328ABS01

Tgt Ion:105 Resp: 3834309
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.1 22.7

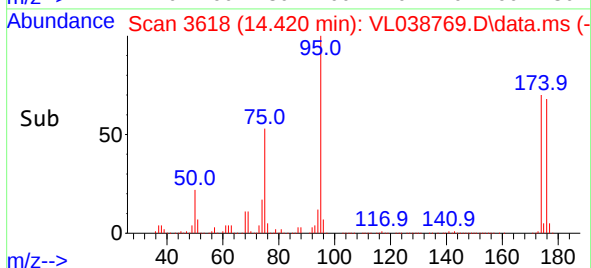
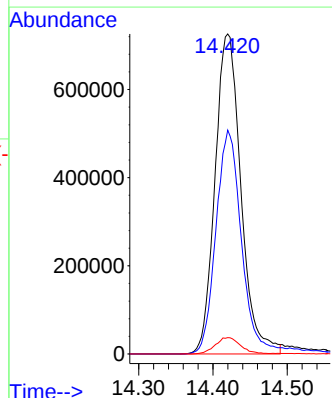
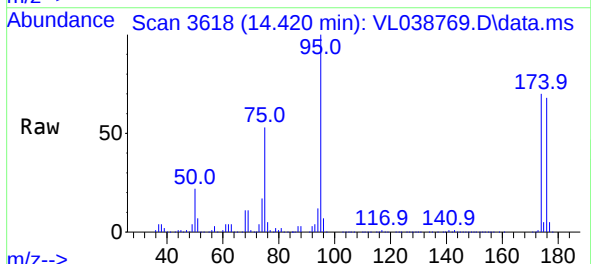
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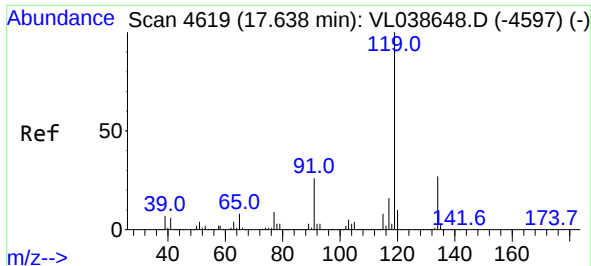
Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.961 ppbv
 RT: 14.420 min Scan# 3618
 Delta R.T. 0.016 min
 Lab File: VL038769.D
 Acq: 28 Mar 2022 13:28

Tgt Ion: 95 Resp: 1762066
 Ion Ratio Lower Upper
 95 100
 174 71.1 56.1 84.1
 175 5.2 4.2 6.2





#69

p-Isopropyltoluene

Concen: 9.836 ppbv

RT: 17.658 min Scan# 4625

Delta R.T. 0.019 min

Lab File: VL038769.D

Acq: 28 Mar 2022 13:28

Instrument :

MSVOA_L

ClientSampleId :

VL0328ABS01

Tgt Ion:119 Resp: 3157459

Ion Ratio Lower Upper

119 100

134 26.5 21.2 31.8

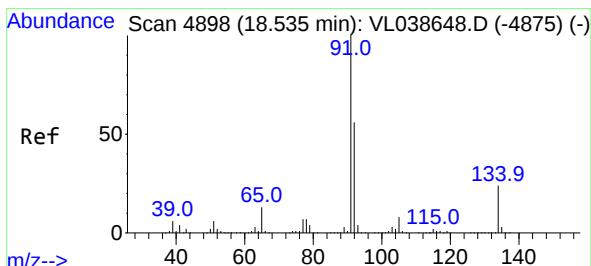
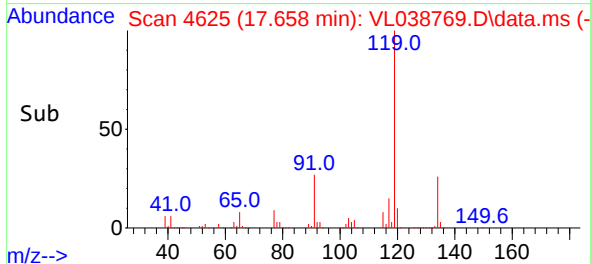
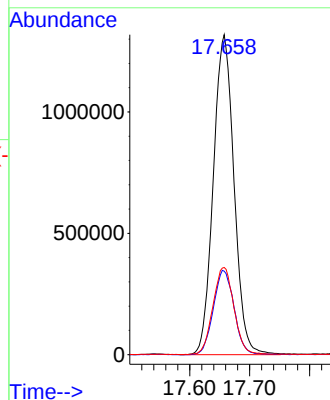
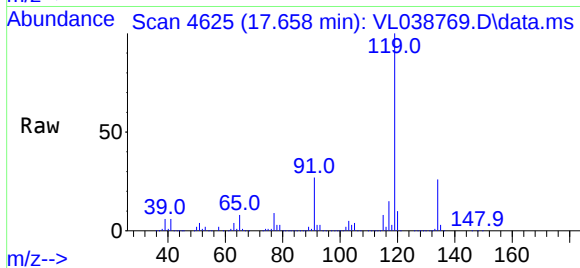
91 27.6 21.4 32.2

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Reviewed By :Semsettin Yesilyurt 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#70

n-Butylbenzene

Concen: 9.810 ppbv

RT: 18.555 min Scan# 4904

Delta R.T. 0.019 min

Lab File: VL038769.D

Acq: 28 Mar 2022 13:28

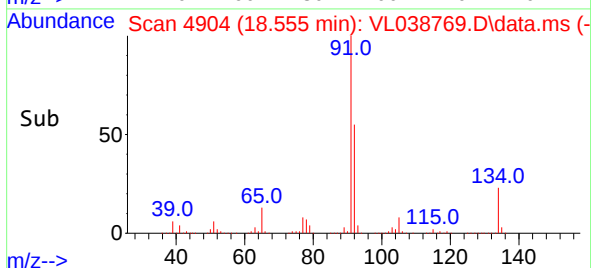
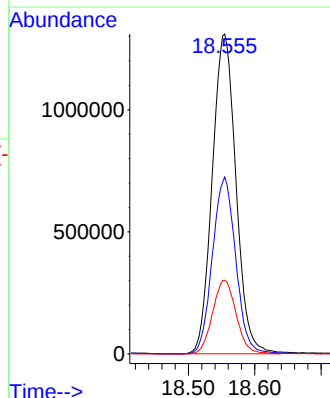
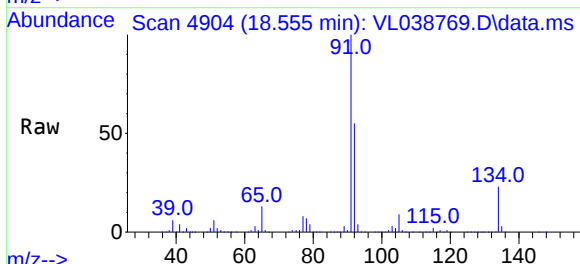
Tgt Ion: 91 Resp: 3248134

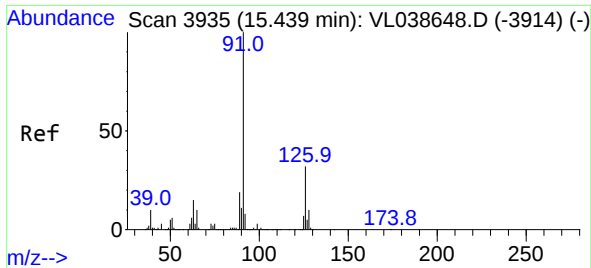
Ion Ratio Lower Upper

91 100

92 54.7 43.9 65.9

134 23.1 18.7 28.1





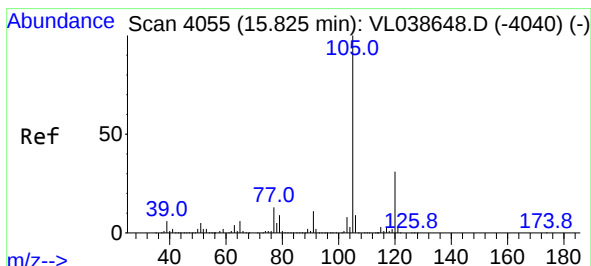
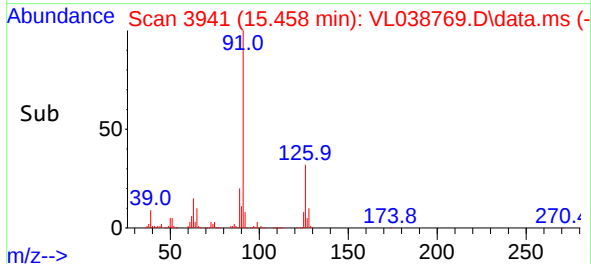
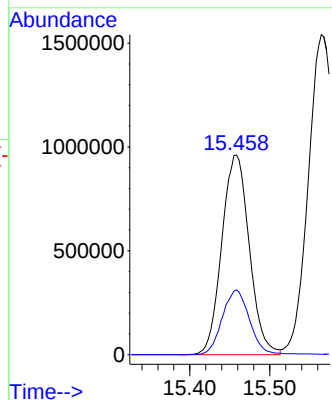
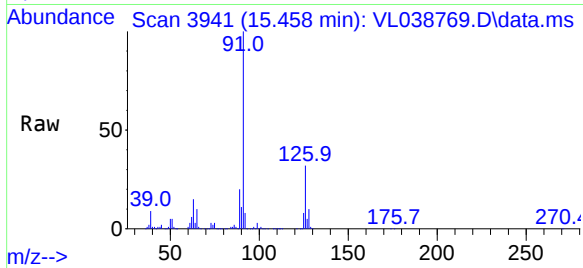
#71
2-Chlorotoluene
Concen: 10.112 ppbv
RT: 15.458 min Scan# 3935
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

Tgt Ion: 91 Resp: 229725
Ion Ratio Lower Upper
91 100
126 32.6 13.1 52.3

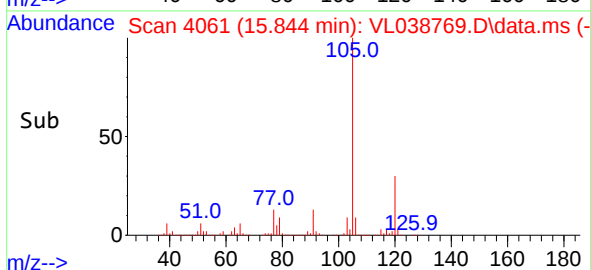
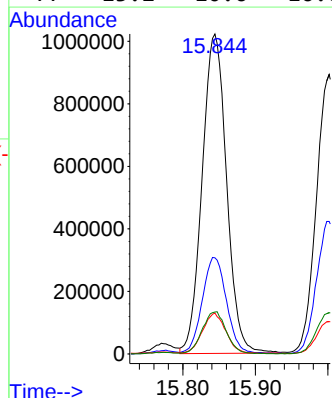
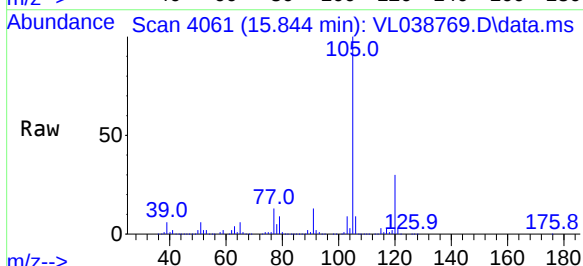
Manual Integrations
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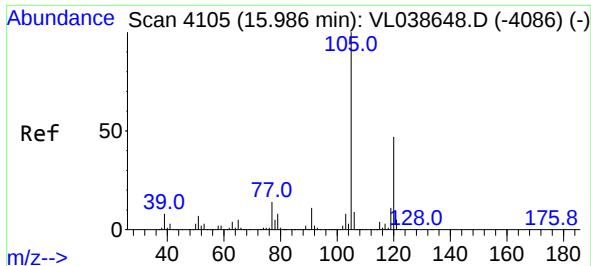
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#72
4-Ethyltoluene
Concen: 9.953 ppbv
RT: 15.844 min Scan# 4061
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Tgt Ion:105 Resp: 2391980
Ion Ratio Lower Upper
105 100
120 30.4 24.9 37.3
91 12.2 9.8 14.6
77 13.2 10.6 16.0





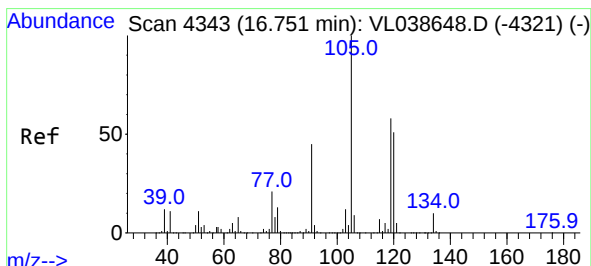
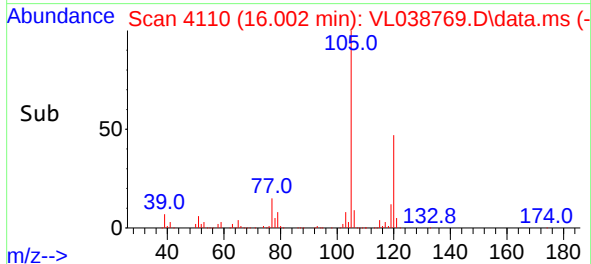
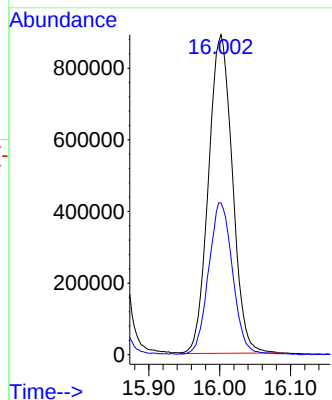
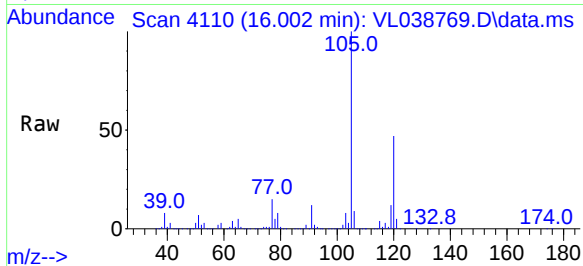
#73
1,3,5-Trimethylbenzene
Concen: 9.534 ppbv
RT: 16.002 min Scan# 4110
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

Tgt Ion:105 Resp: 2087954
Ion Ratio Lower Upper
105 100
120 47.4 37.6 56.4

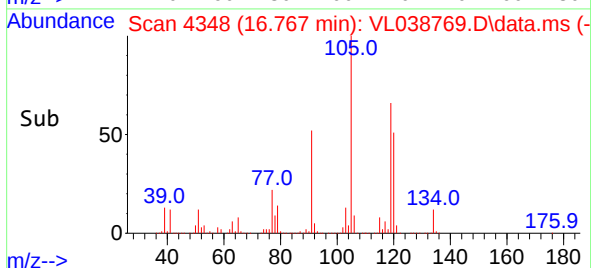
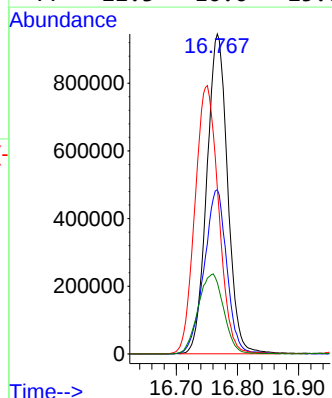
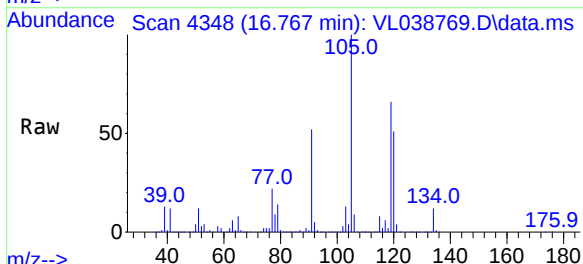
Manual Integrations
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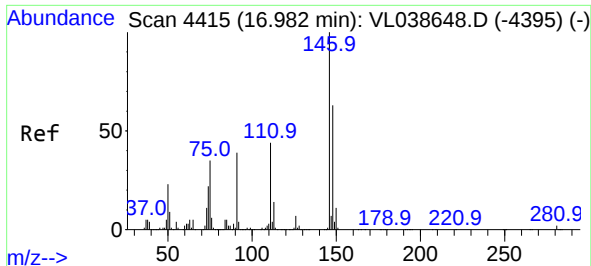
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#74
1,2,4-Trimethylbenzene
Concen: 9.376 ppbv
RT: 16.767 min Scan# 4348
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Tgt Ion:105 Resp: 2236703
Ion Ratio Lower Upper
105 100
120 51.2 40.5 60.7
91 51.8 35.9 53.9
77 22.3 16.6 25.0





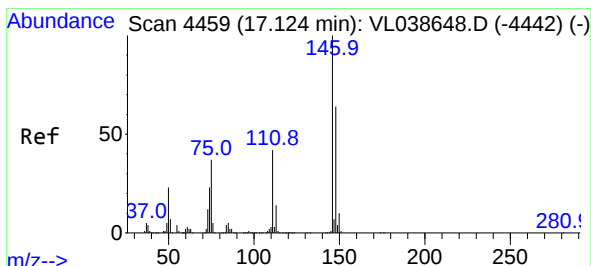
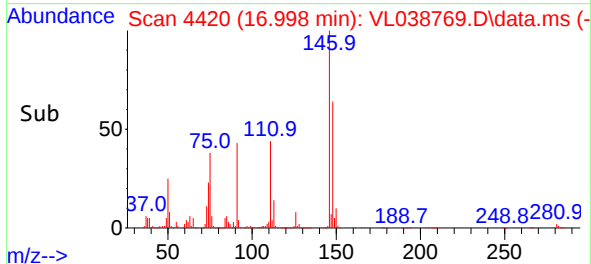
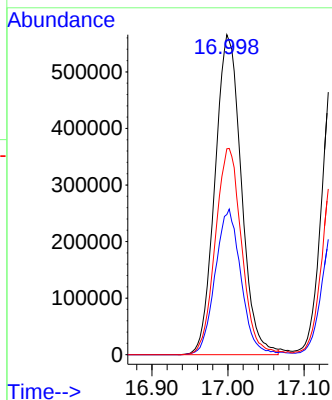
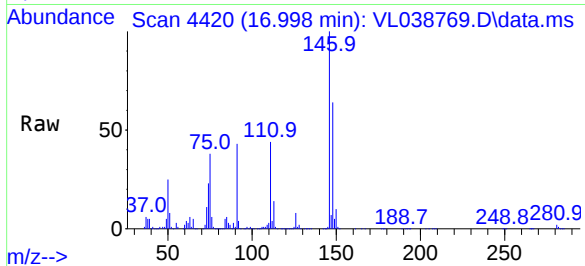
#75
1,3-Dichlorobenzene
Concen: 8.968 ppbv
RT: 16.998 min Scan# 4415
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01

Tgt Ion:146 Resp: 1362620
Ion Ratio Lower Upper
146 100
111 44.7 22.2 66.6
148 64.6 32.5 97.5

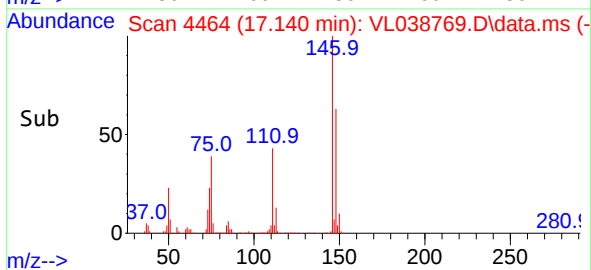
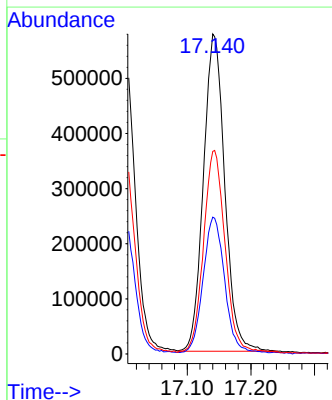
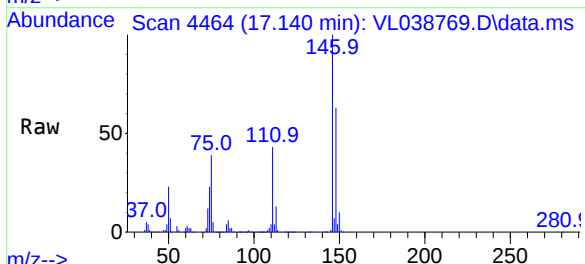
Manual Integrations
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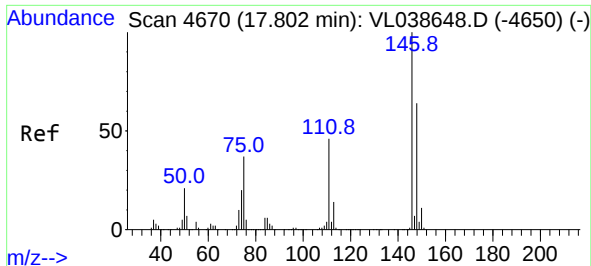
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#76
1,4-Dichlorobenzene
Concen: 8.866 ppbv
RT: 17.140 min Scan# 4464
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

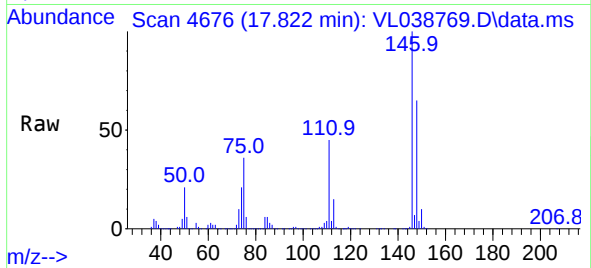
Tgt Ion:146 Resp: 1339754
Ion Ratio Lower Upper
146 100
111 43.8 21.4 64.2
148 65.5 32.1 96.3





#77
1,2-Dichlorobenzene
Concen: 8.710 ppbv
RT: 17.822 min Scan# 401
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

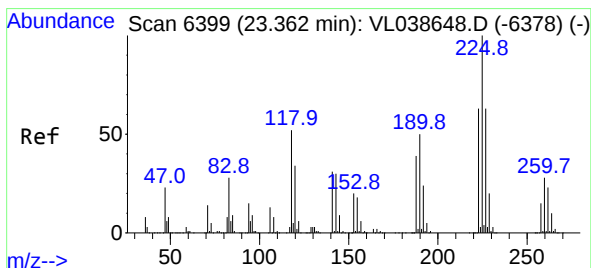
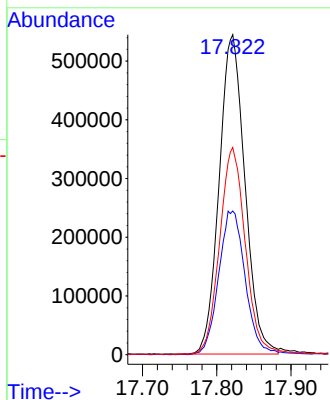
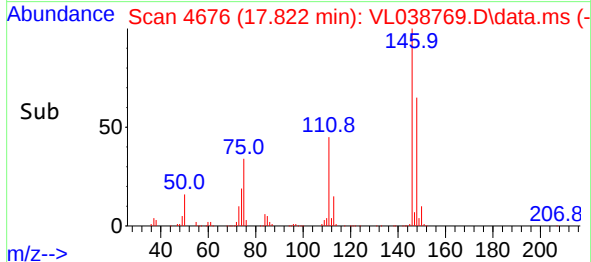
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



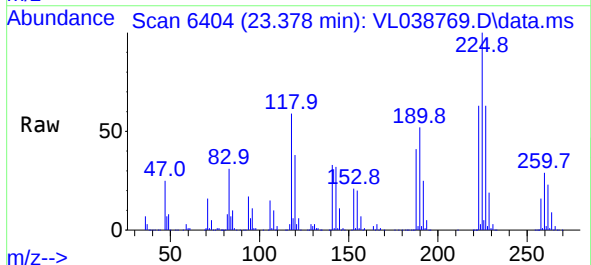
Tgt Ion:146 Resp: 131098
Ion Ratio Lower Upper
146 100
111 46.7 22.8 68.4
148 65.4 32.5 97.4

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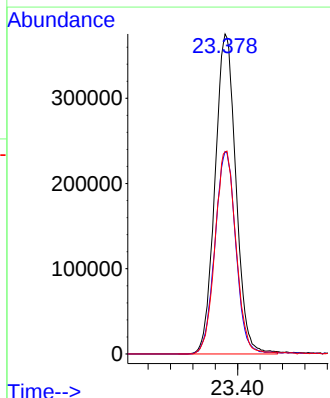
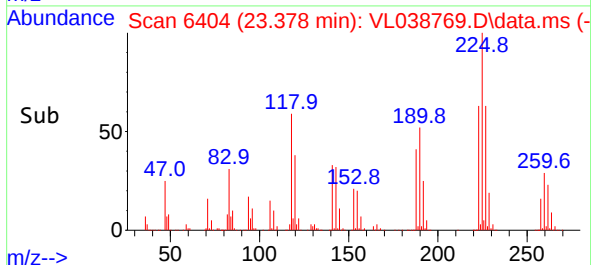
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

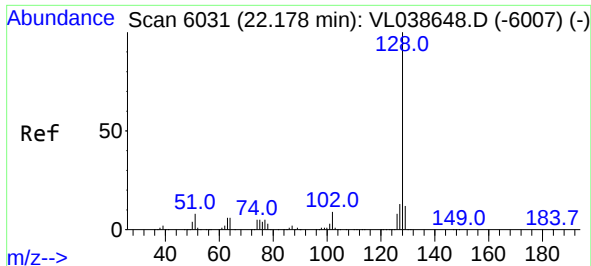


#78
Hexachloro-1,3-Butadiene
Concen: 7.001 ppbv m
RT: 23.378 min Scan# 6404
Delta R.T. 0.016 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



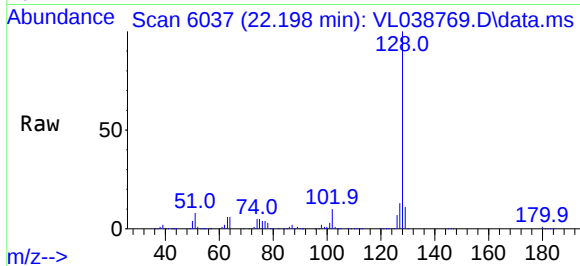
Tgt Ion:225 Resp: 973924
Ion Ratio Lower Upper
225 100
223 63.2 51.0 76.6
227 63.8 51.5 77.3





#79
Naphthalene
Concen: 9.252 ppbv
RT: 22.198 min Scan# 6031
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

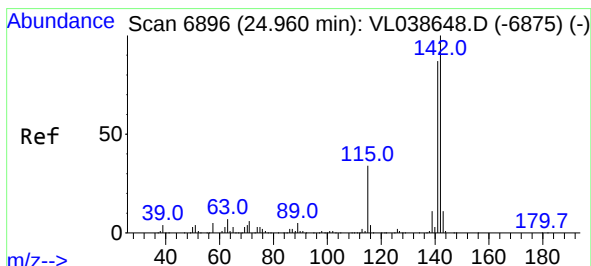
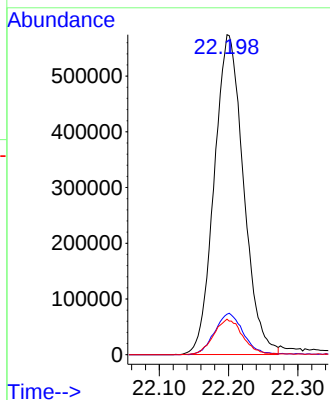
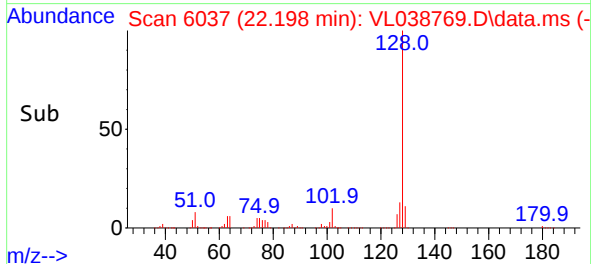
Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



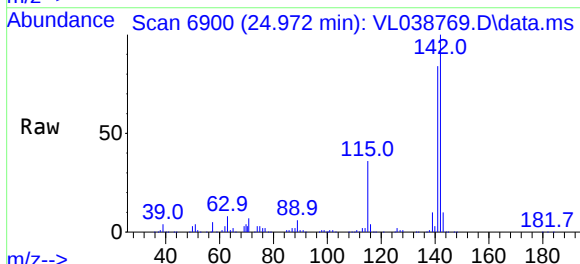
Tgt Ion:128 Resp: 168626
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 9.2 13.8

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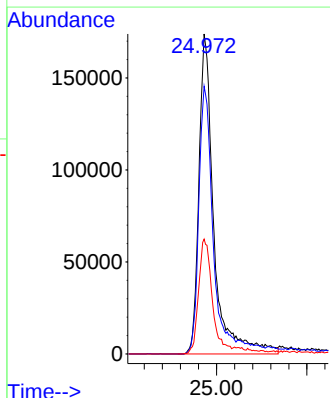
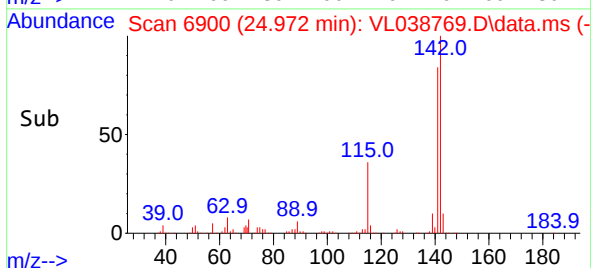
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

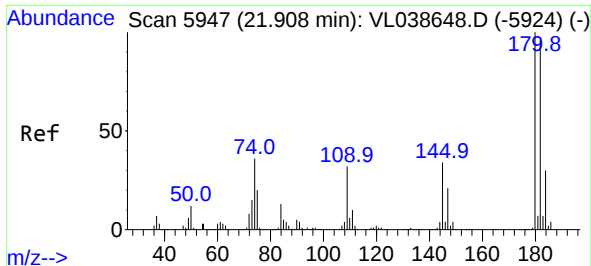


#80
Naphthalene,2-methyl-
Concen: 8.158 ppbv
RT: 24.972 min Scan# 6900
Delta R.T. 0.013 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28



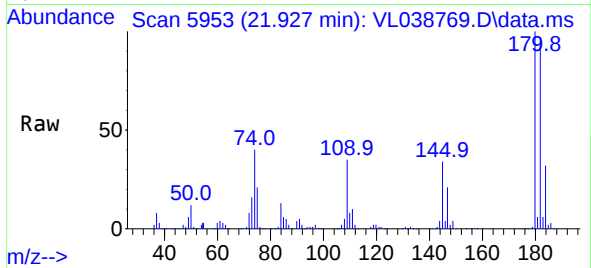
Tgt Ion:142 Resp: 398701
Ion Ratio Lower Upper
142 100
141 83.0 66.4 99.6
115 35.9 27.8 41.6





#81
1,2,4-Trichlorobenzene
Concen: 7.763 ppbv
RT: 21.927 min Scan# 5953
Delta R.T. 0.019 min
Lab File: VL038769.D
Acq: 28 Mar 2022 13:28

Instrument :
MSVOA_L
ClientSampleId :
VL0328ABS01



Tgt Ion:180 Resp: 968529
Ion Ratio Lower Upper
180 100
182 99.5 79.2 118.8
184 32.1 24.8 37.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

