

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031422\
 Data File : VL038593.D
 Acq On : 14 Mar 2022 12:03
 Operator : SY/AP
 Sample : VL0314ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/15/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 15 01:35:20 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 15 01:35:20 2022

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.642	49	823521	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.147	114	2231279	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.047	117	2122352m	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.375 95 1679449 10.408 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.038	85	1266871	10.185	ppbv	99
3) Chlorodifluoromethane	2.977	51	1447575	9.969	ppbv	99
4) Chloromethane	3.128	50	575822	10.697	ppbv	97
5) Vinyl Chloride	3.243	62	548830	10.158	ppbv	100
6) Bromomethane	3.459	94	314636	10.849	ppbv	99
7) Chloroethane	3.542	64	186903	10.684	ppbv	93
8) Dichlorotetrafluoroethane	3.176	85	1265334	10.494	ppbv	100
9) Propene	2.999	41	512082	9.994	ppbv	100
10) Heptane	8.089	43	1323419	10.797	ppbv	97
11) Trichlorofluoromethane	3.931	101	1182619	10.844	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.465	101	940829	11.095	ppbv	99
13) Ethanol	3.591	45	55285	9.393	ppbv	98
14) Bromoethene	3.722	108	394152	10.909	ppbv	97
15) Acetone	3.832	43	688512	11.853	ppbv	99
16) 1,3-Butadiene	3.314	39	499083	10.692	ppbv	98
17) tert-Butyl alcohol	4.266	59	708519	11.227	ppbv	100
18) 1,1-Dichloroethene	4.269	96	428418	11.290	ppbv	99
19) Isopropyl Alcohol	3.948	45	399982	10.312	ppbv #	97
20) Methylene Chloride	4.324	84	345338	9.879	ppbv	98
21) Allyl Chloride	4.391	41	620630	11.085	ppbv	99
22) trans-1,2-Dichloroethene	4.864	96	455969	11.462	ppbv	99
23) Vinyl Acetate	5.047	43	992390	11.918	ppbv	99
24) 1,1-Dichloroethane	4.989	63	848379	11.203	ppbv	100
25) Ethyl Acetate	5.648	43	2025404	10.354	ppbv	100
26) Hexane	5.661	57	936683	10.196	ppbv	99
27) Carbon Disulfide	4.529	76	1102982	12.055	ppbv	98
28) Methyl tert-Butyl Ether	5.009	73	832689	11.137	ppbv	100
29) Chloroform	5.726	83	1467928	10.267	ppbv	100
30) Cyclohexane	7.099	84	831313	10.463	ppbv	99
31) cis-1,2-Dichloroethene	5.523	61	694297	7.900	ppbv	94
32) 1,1,1-Trichloroethane	6.481	97	1426563	10.289	ppbv	99
34) 2-Butanone	5.218	43	661794	11.443	ppbv	97
35) Carbon Tetrachloride	6.989	117	1507114	9.903	ppbv	100
36) Benzene	6.861	78	2093032	10.395	ppbv	99
37) 1,2-Dichloroethane	6.279	62	1008199	10.478	ppbv	100
38) Trichloroethene	7.803	130	805161	10.011	ppbv	99
39) 1,2-Dichloropropane	7.581	63	807969	10.434	ppbv	97
40) 1,4-Dioxane	7.803	88	207699	10.717	ppbv	91
41) Tetrahydrofuran	6.025	42	482382	10.195	ppbv	98
42) Bromodichloromethane	7.761	83	1595802	10.459	ppbv	99
43) Methyl Methacrylate	7.983	69	751234	10.869	ppbv	98
44) 2,2,4-Trimethylpentane	7.835	57	3429378	10.073	ppbv	100
45) t-1,3-Dichloropropene	9.243	75	611197	12.271	ppbv	97

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
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Manual Integrations
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 Supervised By :Mahesh Dadoda 03/18/2022

Quant Time: Mar 15 01:35:20 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M

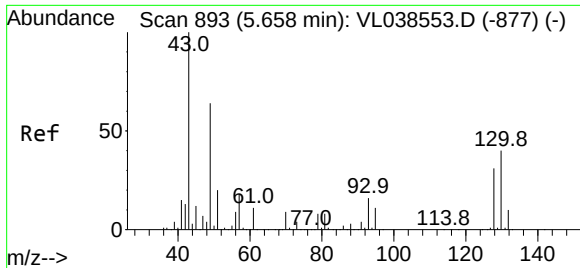
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.668	75	795903	11.686	ppbv	98
47) 1,1,2-Trichloroethane	9.439	97	862194	10.925	ppbv	98
48) Dibromochloromethane	10.269	129	1439560	11.488	ppbv	100
49) Bromoform	13.002	173	1223282	12.745	ppbv	99
50) 4-Methyl-2-Pentanone	8.706	43	1272518	10.733	ppbv	99
51) 2-Hexanone	10.102	43	548586	10.950	ppbv #	99
52) Tetrachloroethene	11.185	164	754326	10.221	ppbv	97
53) Toluene	9.770	91	2371249	11.032	ppbv	99
54) 1,2-Dibromoethane	10.574	107	1248121	11.068	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.085	131	932763	10.790	ppbv	98
57) Chlorobenzene	12.108	112	1718705	10.607	ppbv	97
58) Ethyl Benzene	12.674	91	3043839	11.077	ppbv	99
59) m/p-Xylene	12.960	91	5078333m	21.587	ppbv	
60) o-Xylene	13.655	91	2396248	10.787	ppbv	99
61) Styrene	13.487	104	1332798	12.176	ppbv	99
62) Isopropylbenzene	14.629	105	3345794	10.916	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.638	83	1860559	9.913	ppbv	100
64) n-propylbenzene	15.523	120	909714	11.645	ppbv	97
65) tert-Butylbenzene	16.706	119	2938941	10.722	ppbv	99
66) Benzyl Chloride	16.947	91	201535	12.409	ppbv	100
67) sec-Butylbenzene	17.256	105	4205601	10.795	ppbv	100
69) p-Isopropyltoluene	17.616	119	3458553	10.716	ppbv	99
70) n-Butylbenzene	18.510	91	3558705	10.353	ppbv	100
71) 2-Chlorotoluene	15.413	91	2516304	11.057	ppbv	98
72) 4-Ethyltoluene	15.802	105	2978560	11.673	ppbv	99
73) 1,3,5-Trimethylbenzene	15.960	105	2587090	10.922	ppbv	99
74) 1,2,4-Trimethylbenzene	16.725	105	2682461	10.601	ppbv	95
75) 1,3-Dichlorobenzene	16.957	146	1721845	10.785	ppbv	99
76) 1,4-Dichlorobenzene	17.098	146	1669901	10.560	ppbv	99
77) 1,2-Dichlorobenzene	17.777	146	1659829	10.276	ppbv	98
78) Hexachloro-1,3-Butadiene	23.336	225	1312188	8.329	ppbv	100
79) Naphthalene	22.146	128	2488669	10.932	ppbv	100
80) Naphthalene,2-methyl-	24.940	142	598652	14.899	ppbv	99
81) 1,2,4-Trichlorobenzene	21.879	180	1391315	9.565	ppbv	99

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



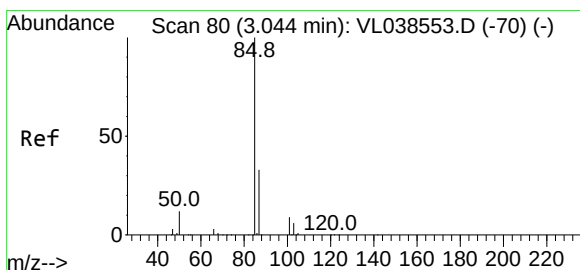
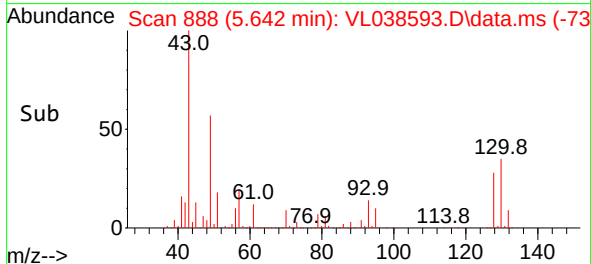
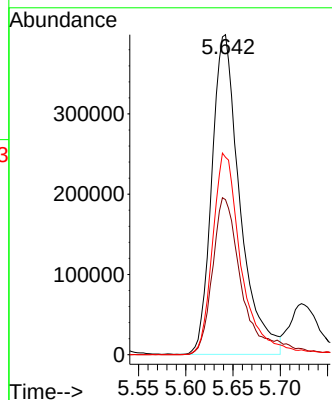
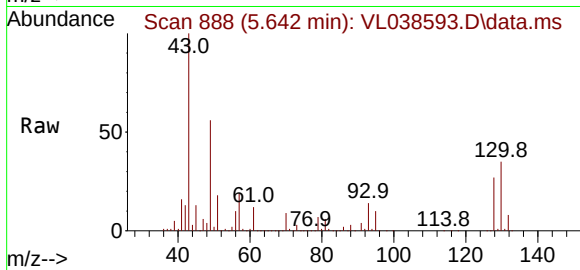
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.642 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 49 Resp: 82352
Ion Ratio Lower Upper
49 100
128 53.2 26.4 79.2
130 65.5 33.0 98.9

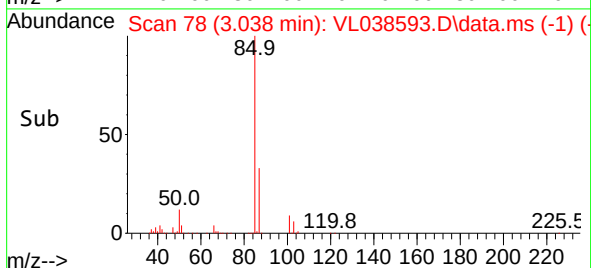
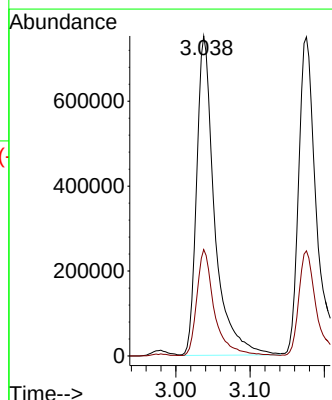
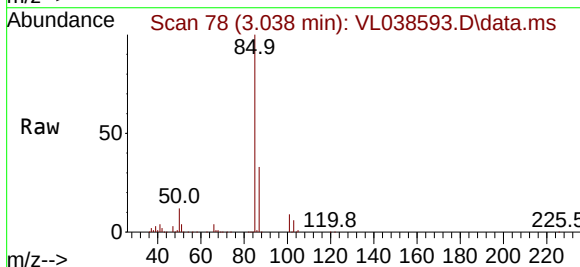
Manual Integrations
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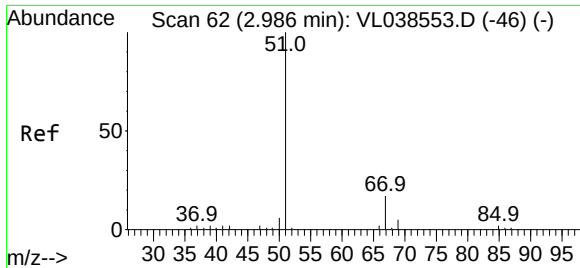
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#2
Dichlorodifluoromethane
Concen: 10.185 ppbv
RT: 3.038 min Scan# 78
Delta R.T. -0.006 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Tgt Ion: 85 Resp: 1266871
Ion Ratio Lower Upper
85 100
87 33.2 26.2 39.2





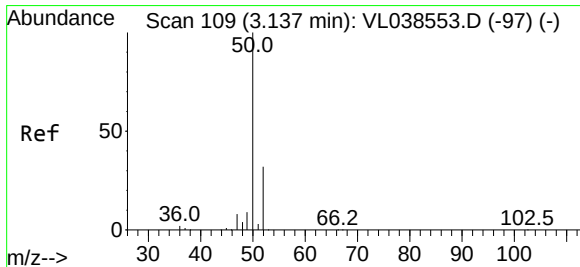
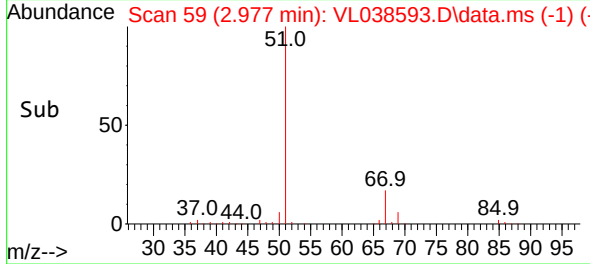
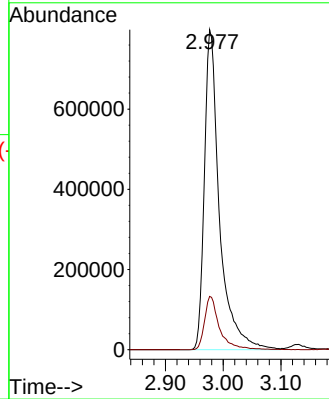
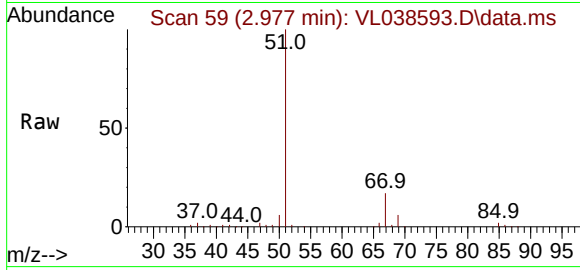
#3
Chlorodifluoromethane
Concen: 9.969 ppbv
RT: 2.977 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 51 Resp: 144757
Ion Ratio Lower Upper
51 100
67 16.6 13.6 20.4

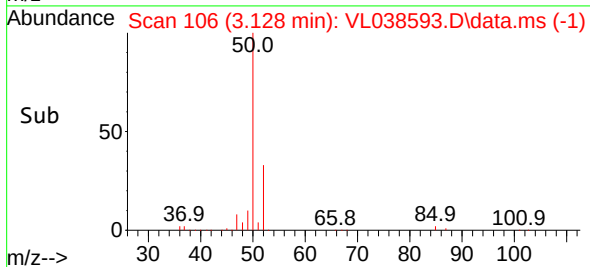
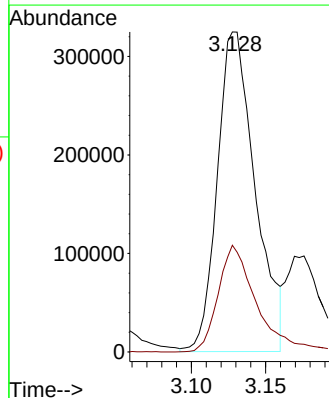
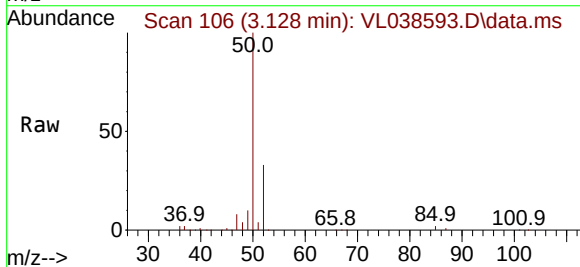
Manual Integrations
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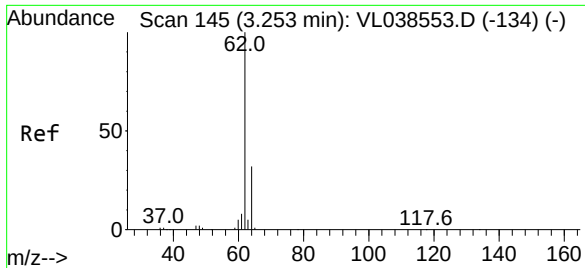
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#4
Chloromethane
Concen: 10.697 ppbv
RT: 3.128 min Scan# 106
Delta R.T. -0.010 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

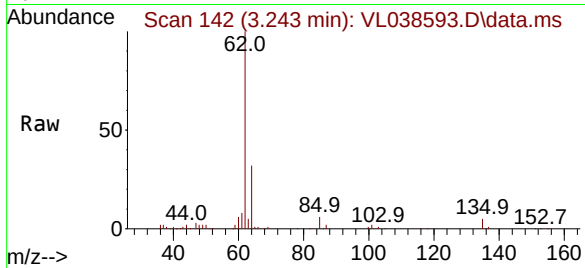
Tgt Ion: 50 Resp: 575822
Ion Ratio Lower Upper
50 100
52 33.6 25.6 38.4





#5
 Vinyl Chloride
 Concen: 10.158 ppbv
 RT: 3.243 min Scan# 145
 Delta R.T. -0.010 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

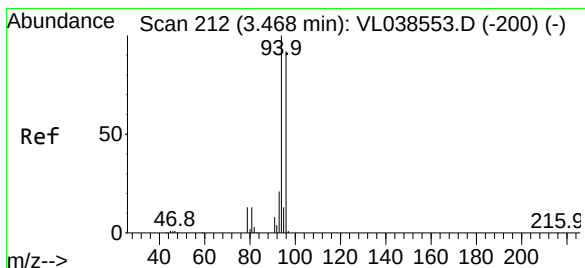
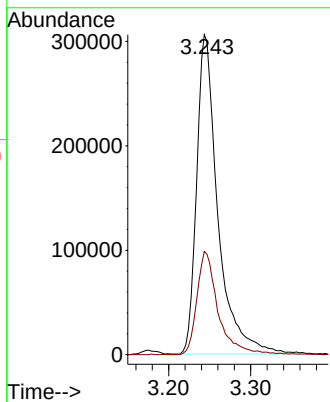
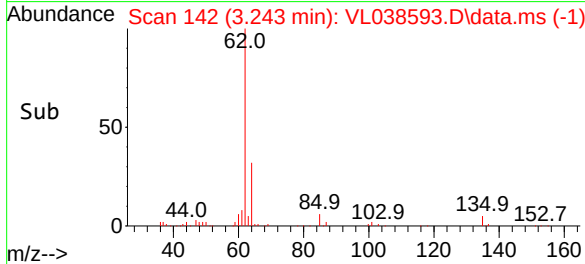
Instrument : MSVOA_L
 ClientSampleId : VL0314ABS01



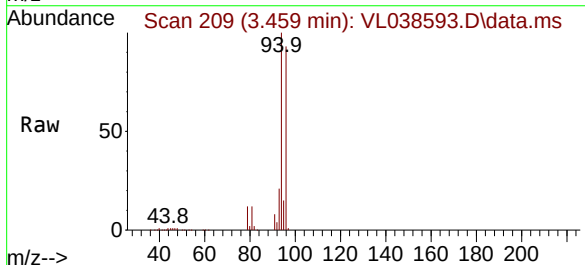
Tgt Ion: 62 Resp: 548830
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.8 38.6

Manual Integrations
 APPROVED

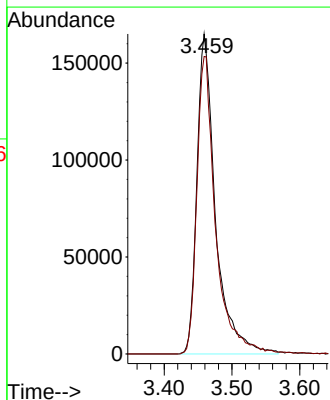
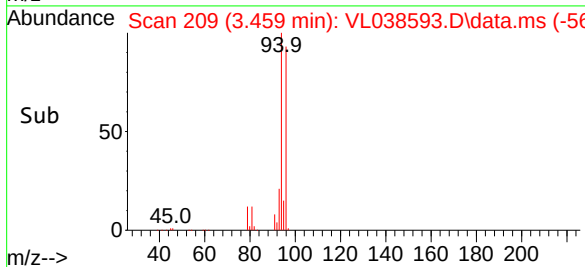
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

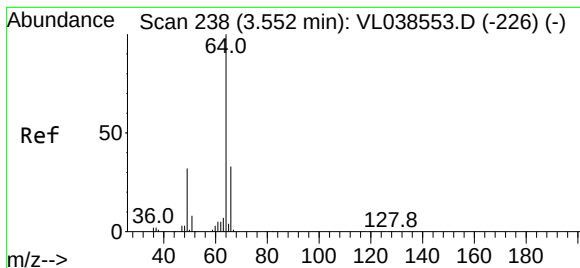


#6
 Bromomethane
 Concen: 10.849 ppbv
 RT: 3.459 min Scan# 209
 Delta R.T. -0.010 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03



Tgt Ion: 94 Resp: 314636
 Ion Ratio Lower Upper
 94 100
 96 92.9 73.7 110.5





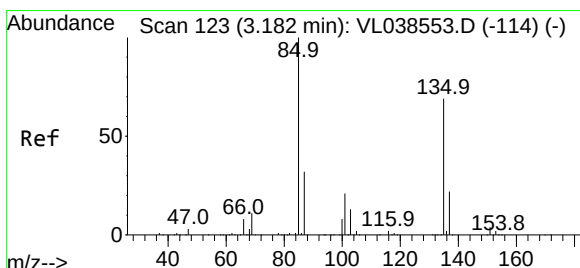
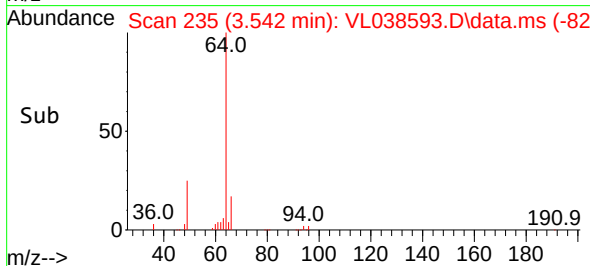
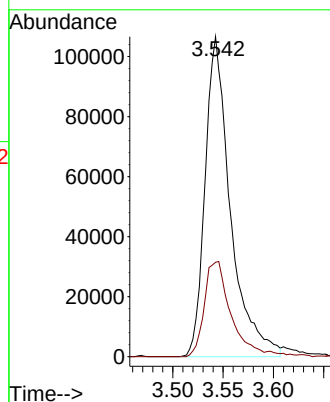
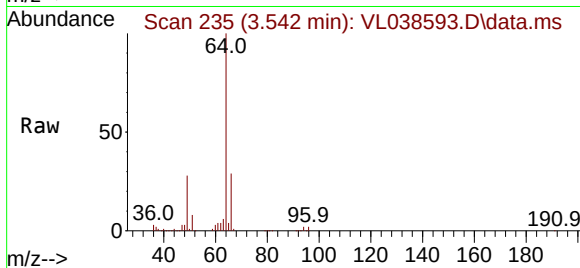
#7
Chloroethane
Concen: 10.684 ppbv
RT: 3.542 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 64 Resp: 18690
Ion Ratio Lower Upper
64 100
66 29.5 26.6 39.8

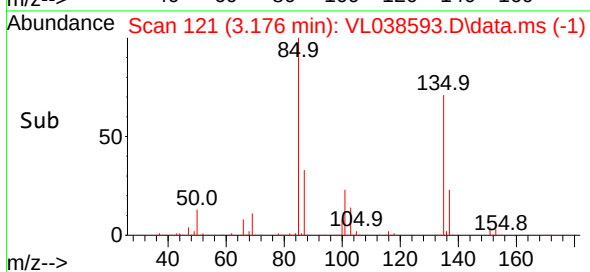
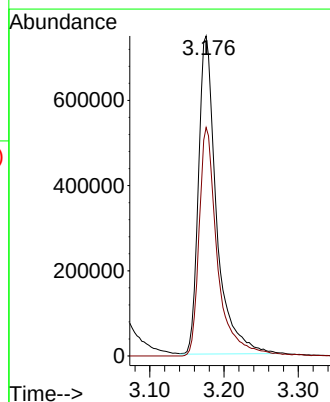
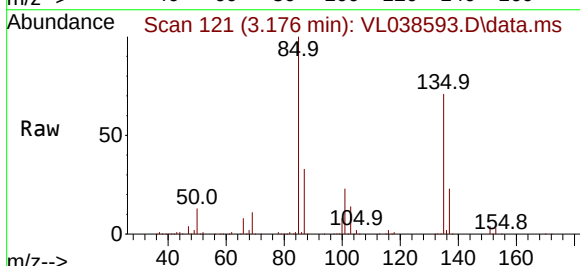
Manual Integrations
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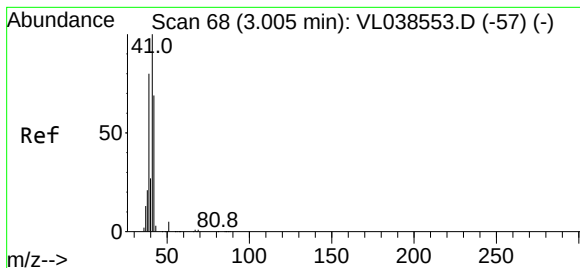
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#8
Dichlorotetrafluoroethane
Concen: 10.494 ppbv
RT: 3.176 min Scan# 121
Delta R.T. -0.006 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Tgt Ion: 85 Resp: 1265334
Ion Ratio Lower Upper
85 100
135 73.6 59.0 88.4





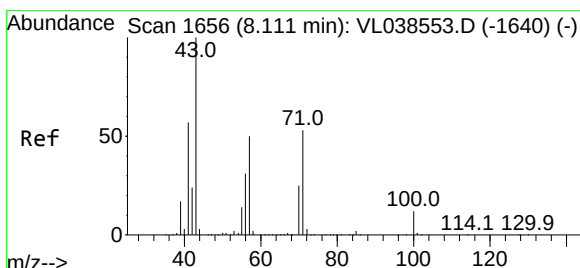
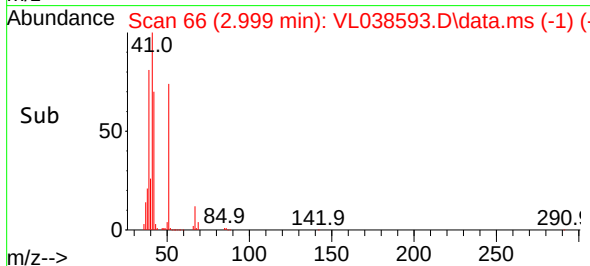
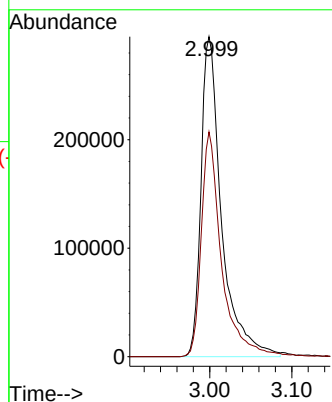
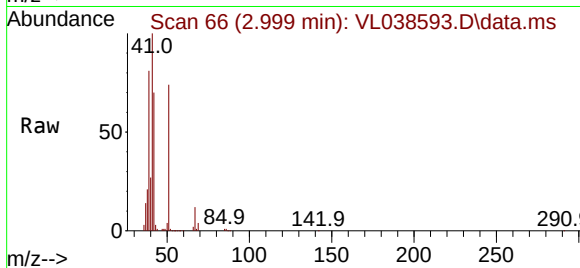
#9
 Propene
 Concen: 9.994 ppbv
 RT: 2.999 min Scan# 60
 Delta R.T. -0.006 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01

Tgt Ion: 41 Resp: 51208
 Ion Ratio Lower Upper
 41 100
 42 69.6 55.7 83.5

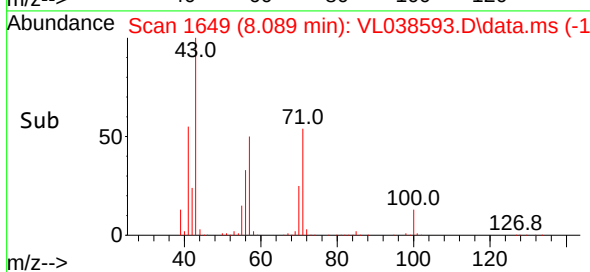
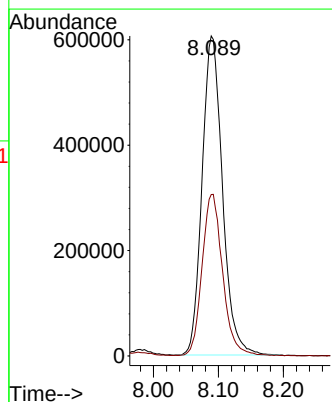
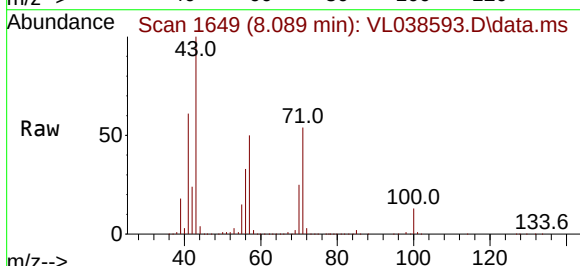
Manual Integrations
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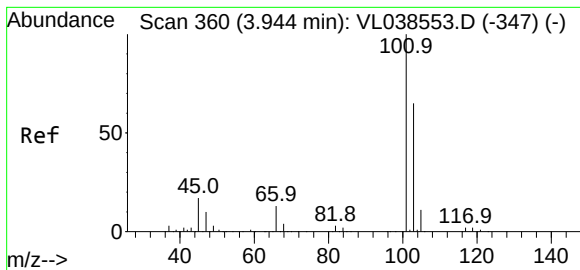
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#10
 Heptane
 Concen: 10.797 ppbv
 RT: 8.089 min Scan# 1649
 Delta R.T. -0.022 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

Tgt Ion: 43 Resp: 1323419
 Ion Ratio Lower Upper
 43 100
 57 51.3 39.6 59.4





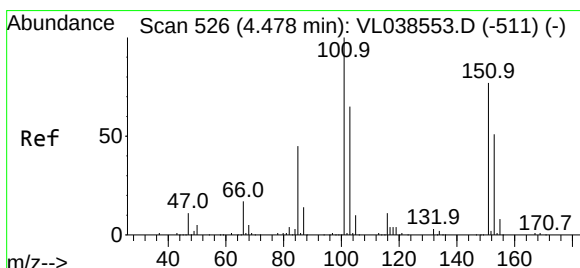
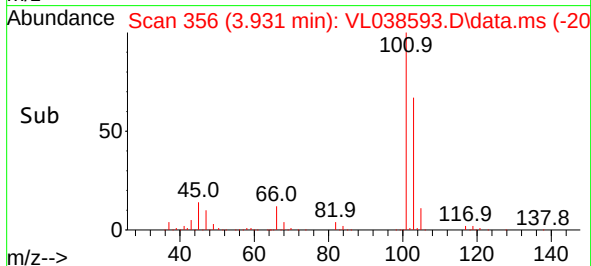
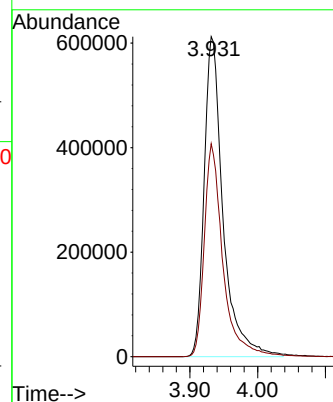
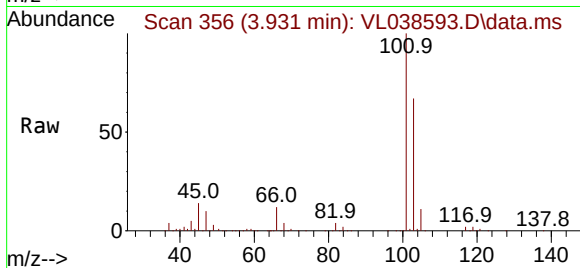
#11
 Trichlorofluoromethane
 Concen: 10.844 ppbv
 RT: 3.931 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01

Tgt Ion:101 Resp: 1182619
 Ion Ratio Lower Upper
 101 100
 103 66.5 52.0 78.0

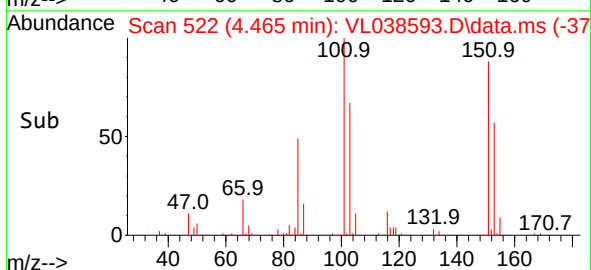
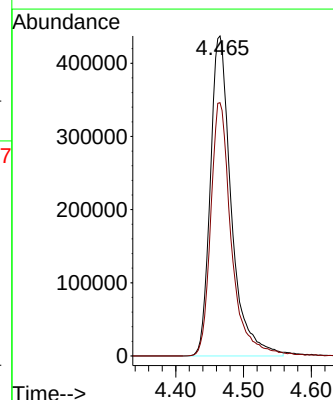
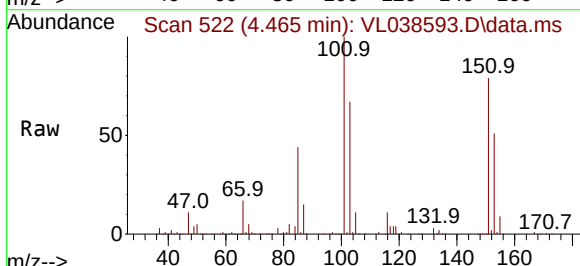
Manual Integrations
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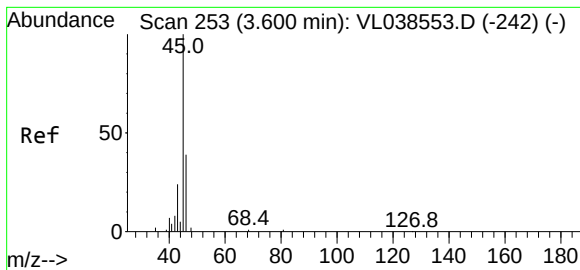
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.095 ppbv
 RT: 4.465 min Scan# 522
 Delta R.T. -0.013 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

Tgt Ion:101 Resp: 940829
 Ion Ratio Lower Upper
 101 100
 151 78.3 63.4 95.0





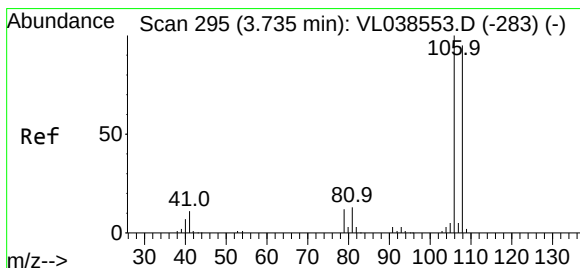
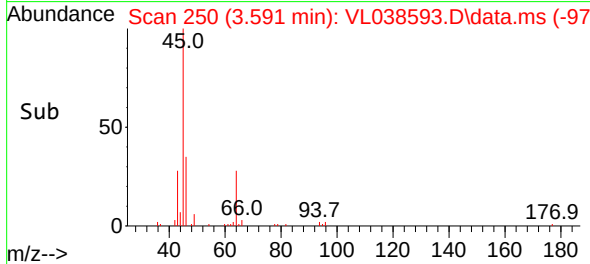
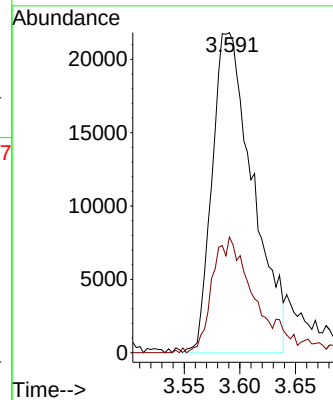
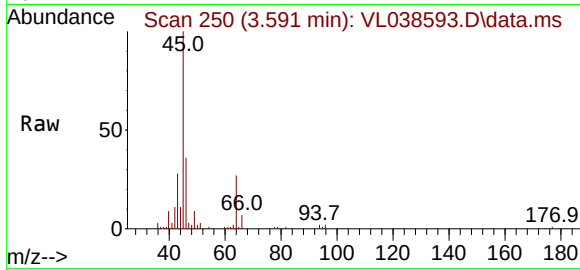
#13
Ethanol
Concen: 9.393 ppbv
RT: 3.591 min Scan# 210
Delta R.T. -0.010 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 45 Resp: 5528
Ion Ratio Lower Upper
45 100
46 40.9 16.8 67.0

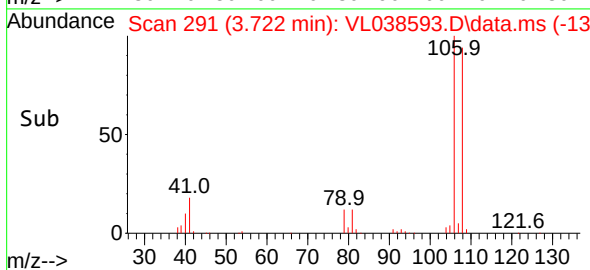
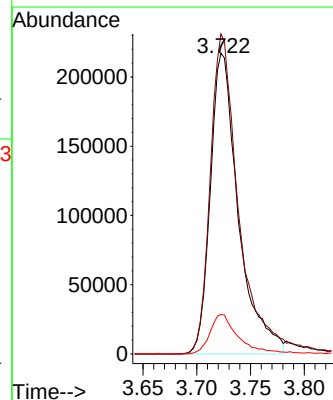
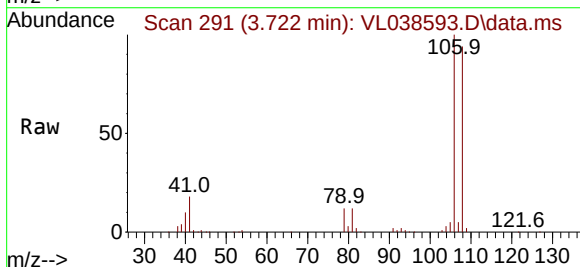
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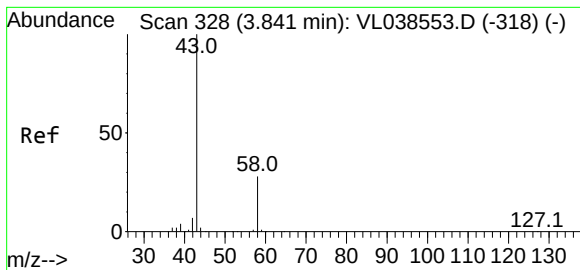
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#14
Bromoethene
Concen: 10.909 ppbv
RT: 3.722 min Scan# 291
Delta R.T. -0.013 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Tgt Ion:108 Resp: 394152
Ion Ratio Lower Upper
108 100
106 110.3 85.9 128.9
79 13.7 11.0 16.6





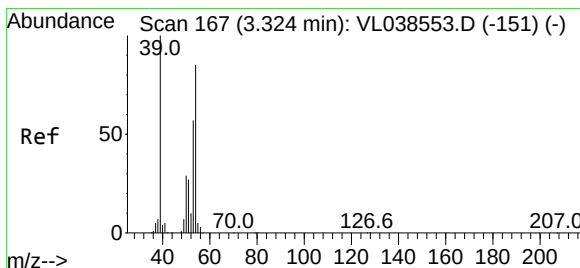
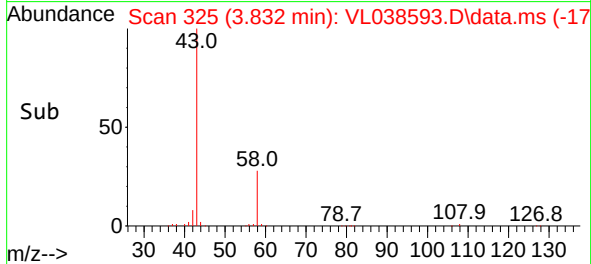
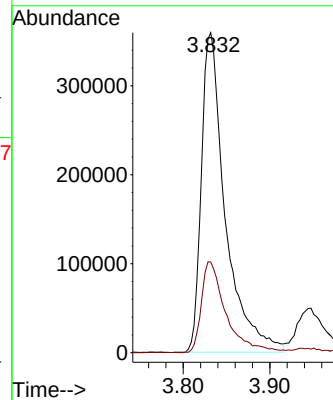
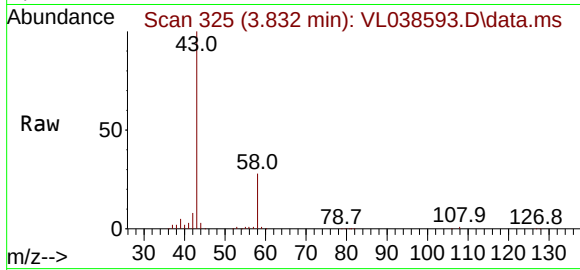
#15
Acetone
Concen: 11.853 ppbv
RT: 3.832 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 43 Resp: 68851
Ion Ratio Lower Upper
43 100
58 29.1 22.7 34.1

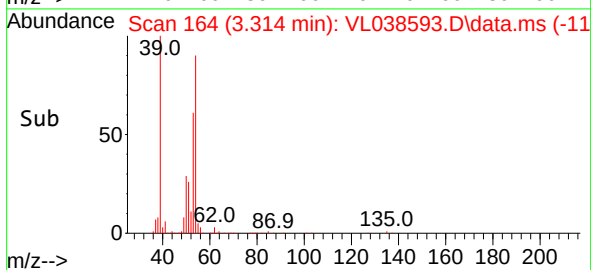
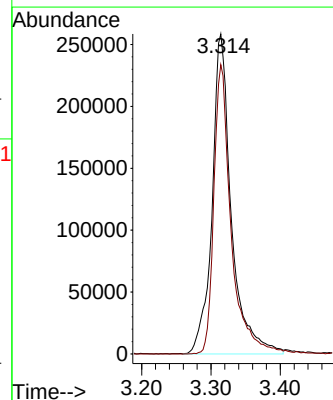
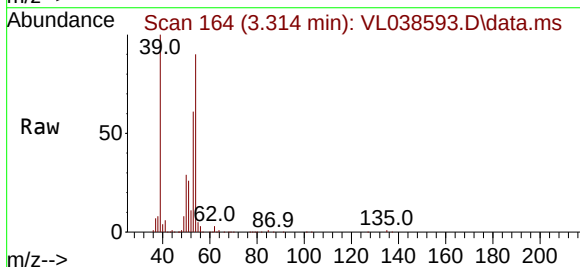
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APPROVED

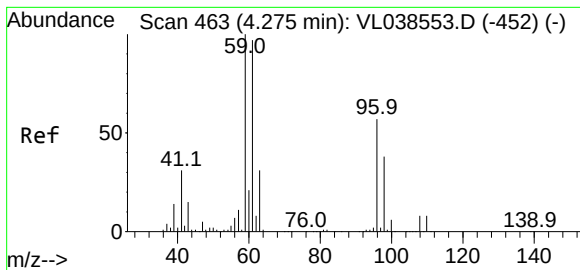
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#16
1,3-Butadiene
Concen: 10.692 ppbv
RT: 3.314 min Scan# 164
Delta R.T. -0.010 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Tgt Ion: 39 Resp: 499083
Ion Ratio Lower Upper
39 100
54 81.7 64.2 96.2





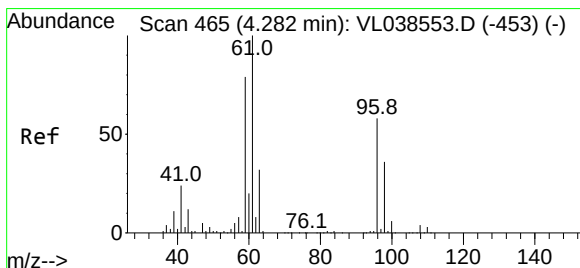
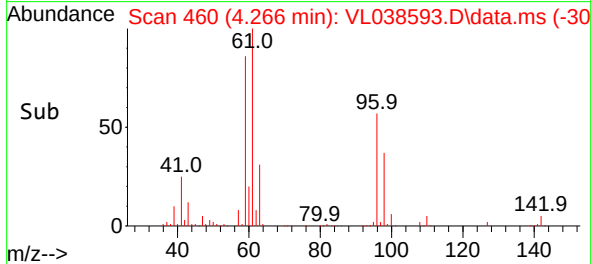
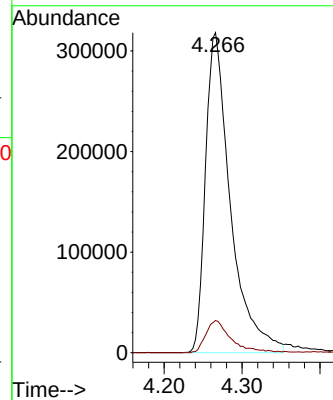
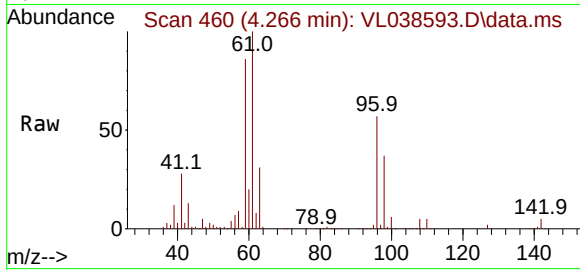
#17
tert-Butyl alcohol
Concen: 11.227 ppbv
RT: 4.266 min Scan# 408
Delta R.T. -0.010 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 59 Resp: 708519
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

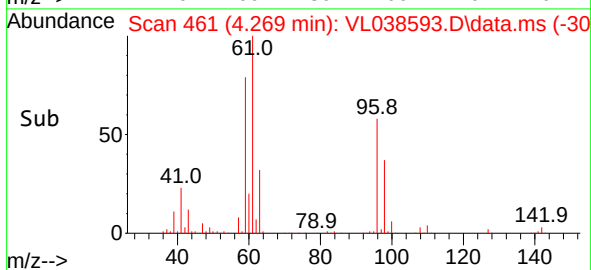
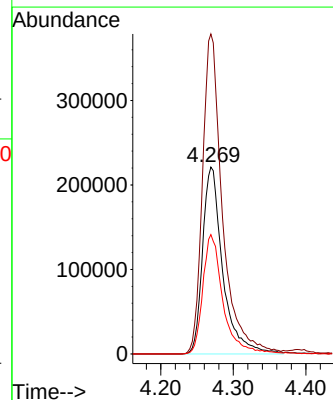
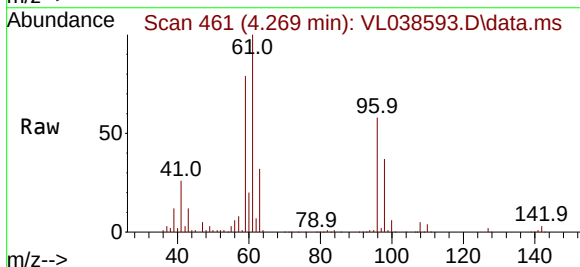
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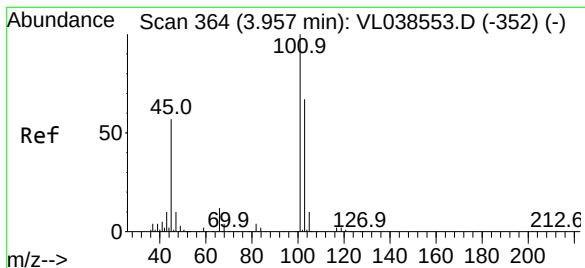
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#18
1,1-Dichloroethene
Concen: 11.290 ppbv
RT: 4.269 min Scan# 461
Delta R.T. -0.013 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

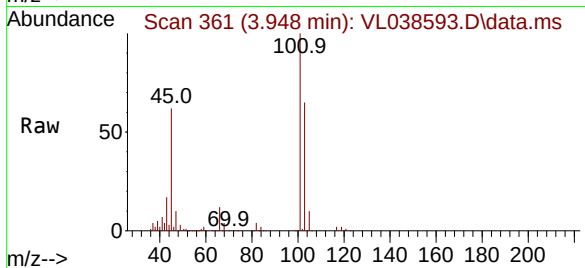
Tgt Ion: 96 Resp: 428418
Ion Ratio Lower Upper
96 100
61 171.1 137.4 206.0
98 63.8 49.3 73.9





#19
Isopropyl Alcohol
Concen: 10.312 ppbv
RT: 3.948 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

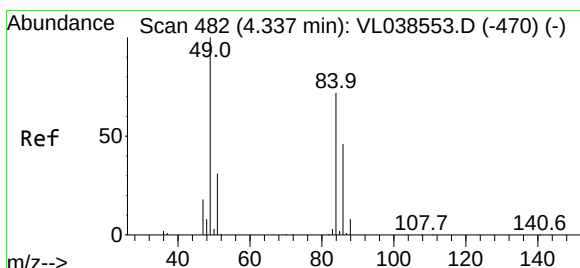
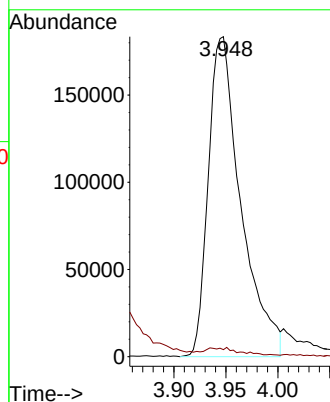
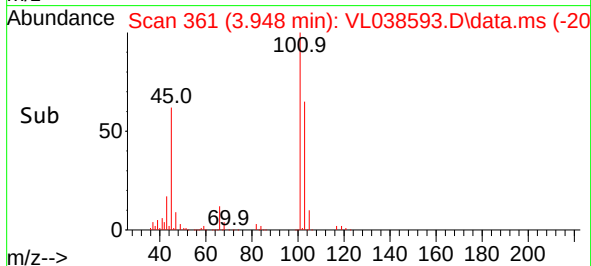
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



Tgt Ion: 45 Resp: 399982
Ion Ratio Lower Upper
45 100
58 3.7 2.2 3.2

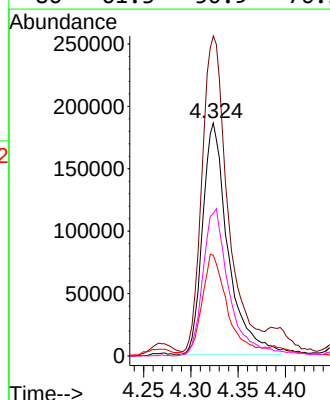
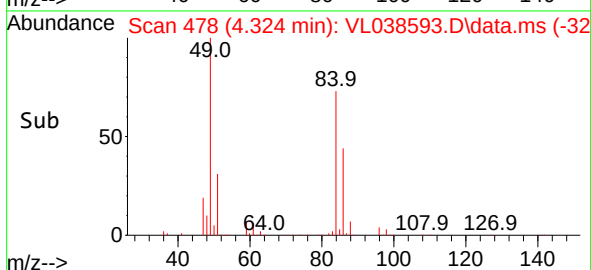
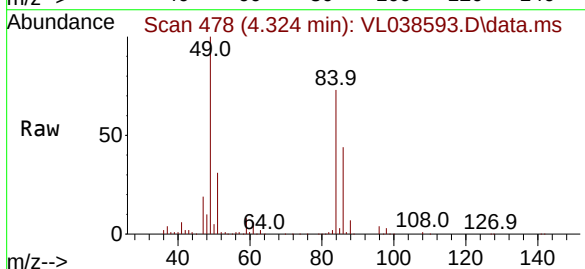
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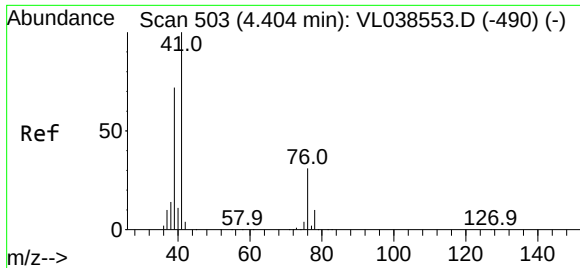
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#20
Methylene Chloride
Concen: 9.879 ppbv
RT: 4.324 min Scan# 478
Delta R.T. -0.013 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

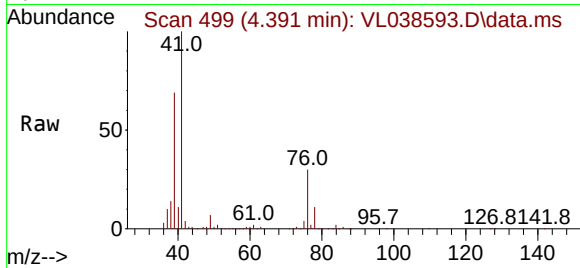
Tgt Ion: 84 Resp: 345338
Ion Ratio Lower Upper
84 100
49 136.3 111.1 166.7
51 42.0 34.0 51.0
86 61.3 50.9 76.3





#21
 Allyl Chloride
 Concen: 11.085 ppbv
 RT: 4.391 min Scan# 499
 Delta R.T. -0.013 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

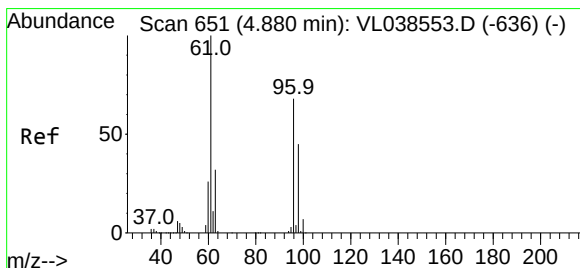
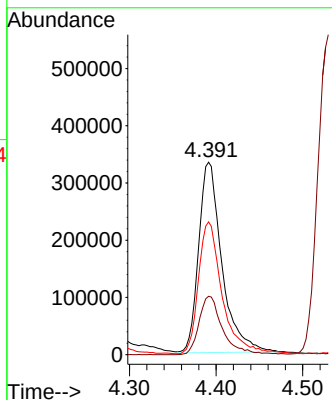
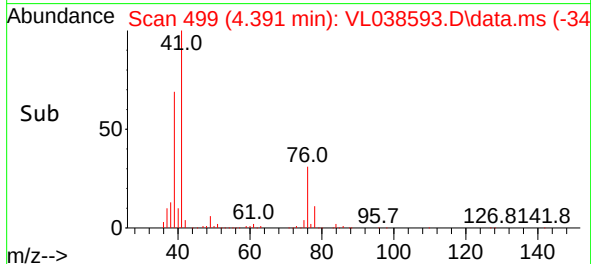
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01



Tgt Ion: 41 Resp: 620630
 Ion Ratio Lower Upper
 41 100
 76 31.1 24.3 36.5
 39 71.1 57.1 85.7

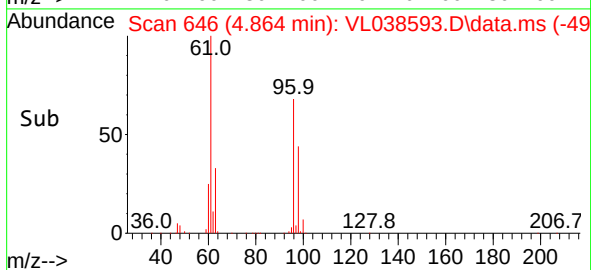
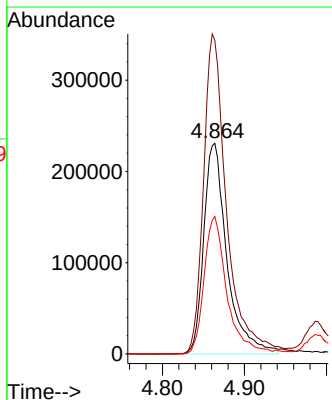
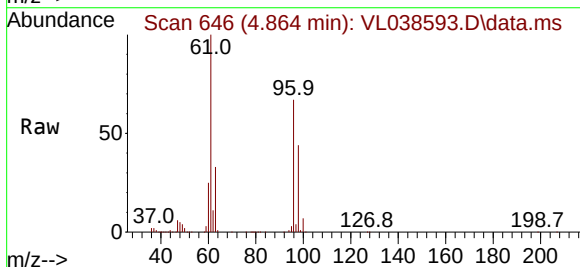
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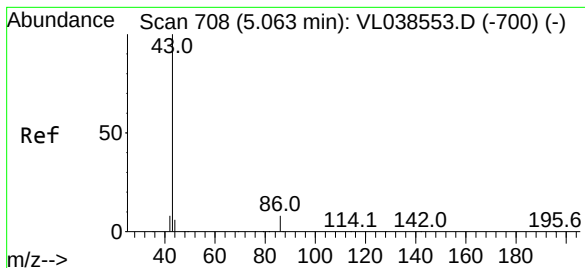
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.462 ppbv
 RT: 4.864 min Scan# 646
 Delta R.T. -0.016 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

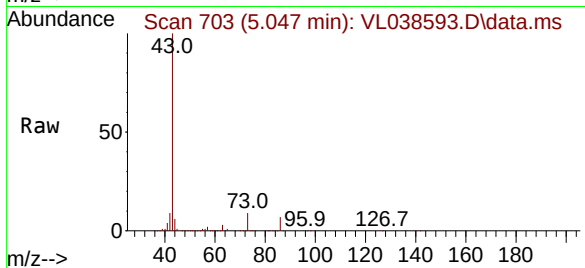
Tgt Ion: 96 Resp: 455969
 Ion Ratio Lower Upper
 96 100
 61 148.6 117.6 176.4
 98 65.2 52.6 78.8





#23
 Vinyl Acetate
 Concen: 11.918 ppbv
 RT: 5.047 min Scan# 708
 Delta R.T. -0.016 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

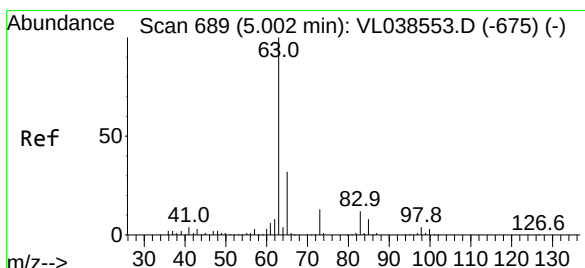
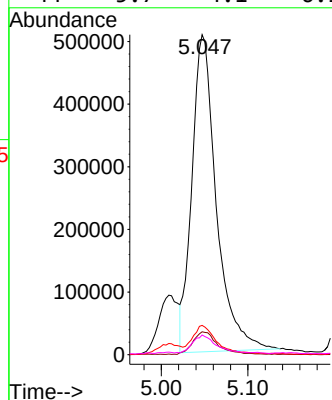
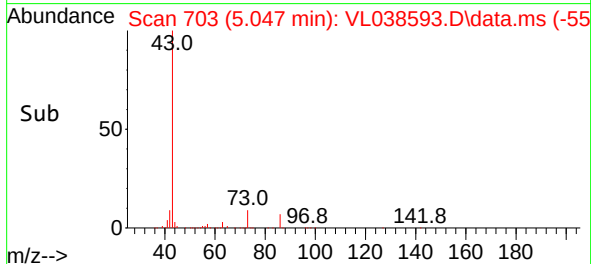
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01



Tgt Ion: 43 Resp: 992390
 Ion Ratio Lower Upper
 43 100
 86 7.2 5.6 8.4
 42 9.0 7.1 10.7
 44 5.7 4.1 6.1

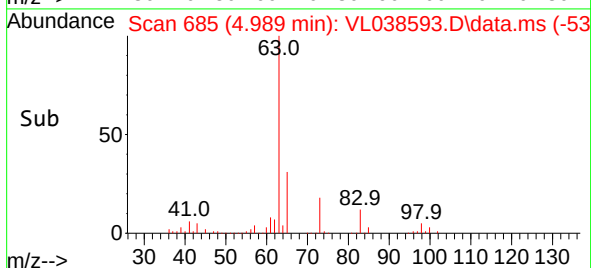
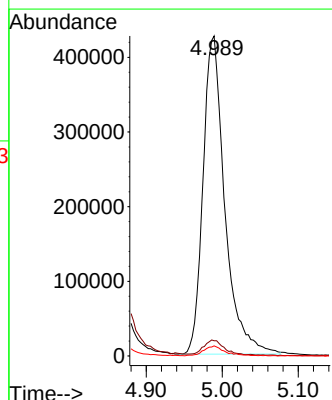
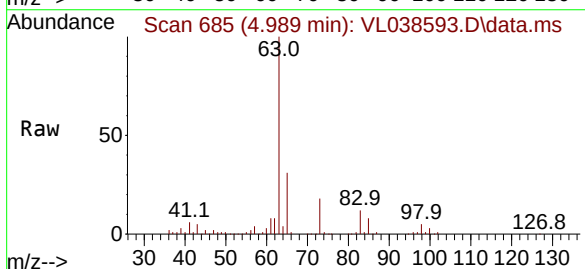
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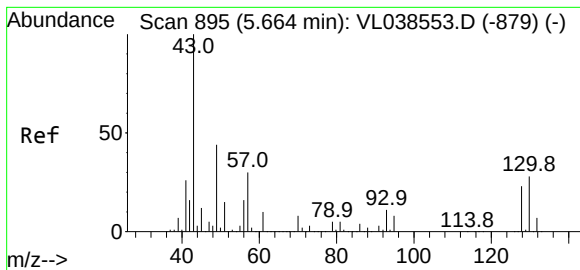
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#24
 1,1-Dichloroethane
 Concen: 11.203 ppbv
 RT: 4.989 min Scan# 685
 Delta R.T. -0.013 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

Tgt Ion: 63 Resp: 848379
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.2 6.6
 100 3.1 1.5 4.5





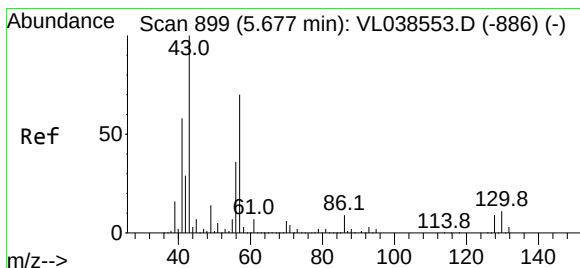
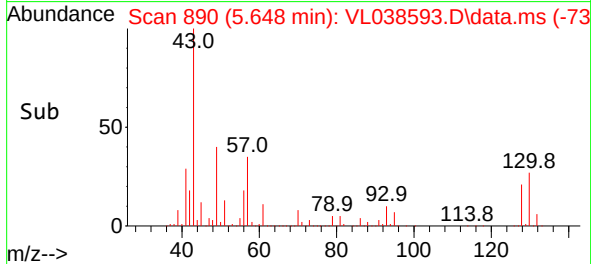
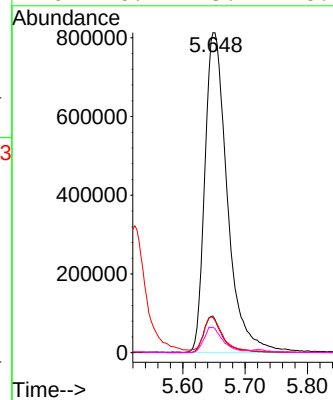
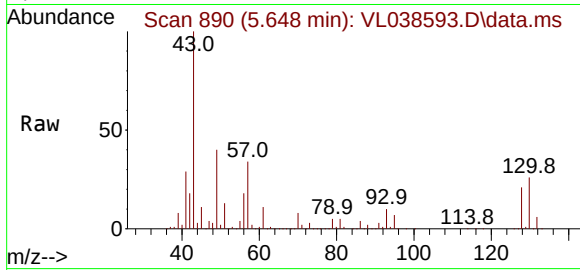
#25
Ethyl Acetate
Concen: 10.354 ppbv
RT: 5.648 min Scan# 895
Delta R.T. -0.016 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion: 43 Resp: 2025404
Ion Ratio Lower Upper
43 100
45 10.0 8.0 12.0
61 10.4 8.2 12.4
70 6.9 5.4 8.2

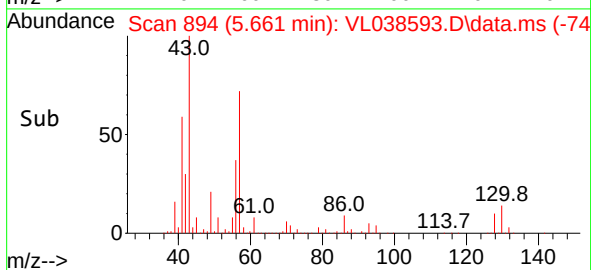
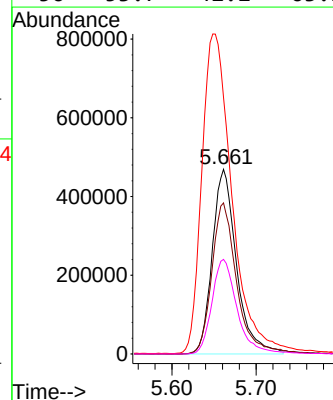
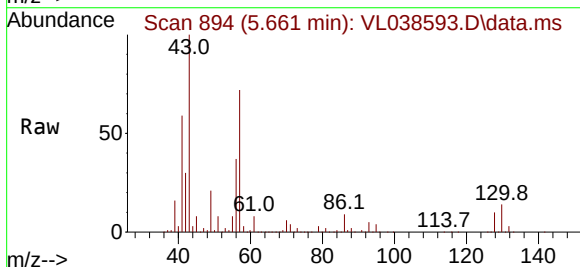
Manual Integrations
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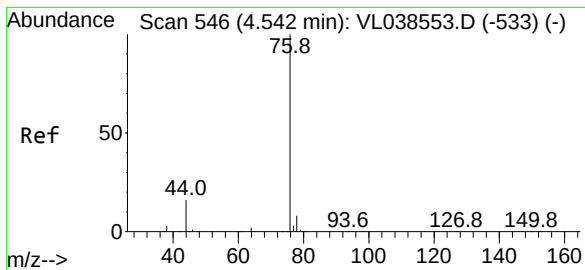
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#26
Hexane
Concen: 10.196 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.016 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

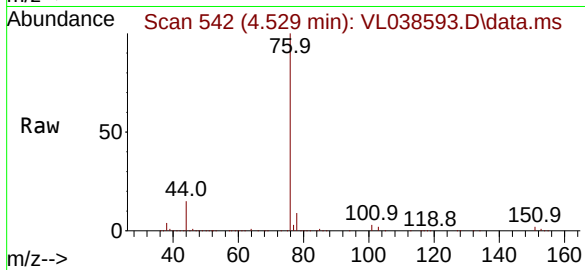
Tgt Ion: 57 Resp: 936683
Ion Ratio Lower Upper
57 100
41 84.8 67.8 101.6
43 218.0 173.6 260.4
56 53.7 42.2 63.2





#27
Carbon Disulfide
Concen: 12.055 ppbv
RT: 4.529 min Scan# 546
Delta R.T. -0.013 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

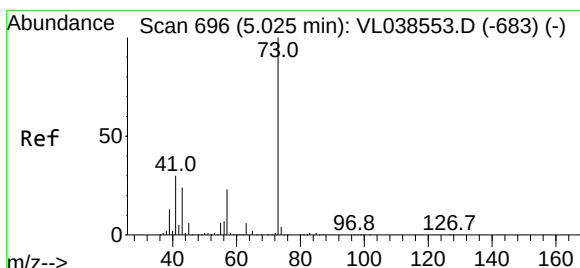
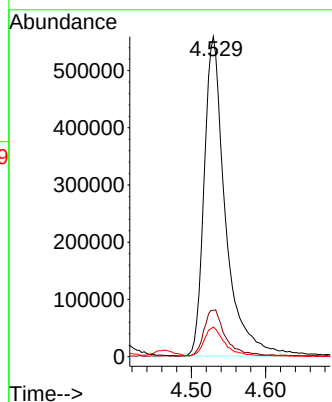
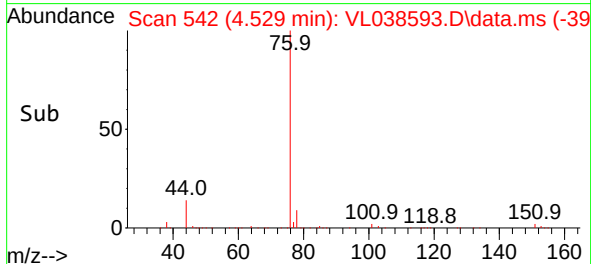
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



Tgt Ion: 76 Resp: 110298
Ion Ratio Lower Upper
76 100
44 15.1 12.9 19.3
78 9.6 7.8 11.6

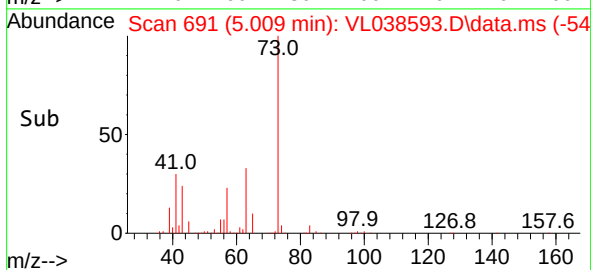
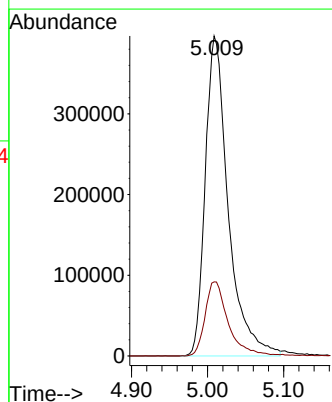
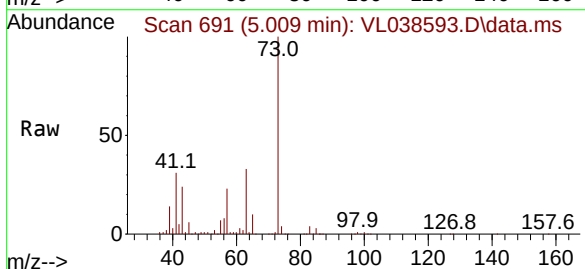
Manual Integrations
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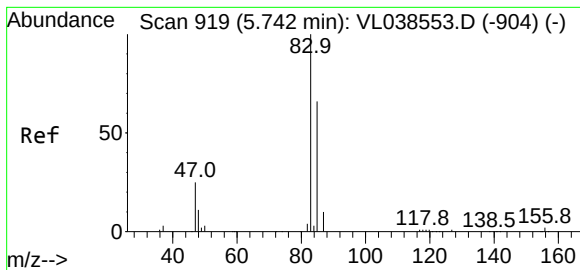
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#28
Methyl tert-Butyl Ether
Concen: 11.137 ppbv
RT: 5.009 min Scan# 691
Delta R.T. -0.016 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

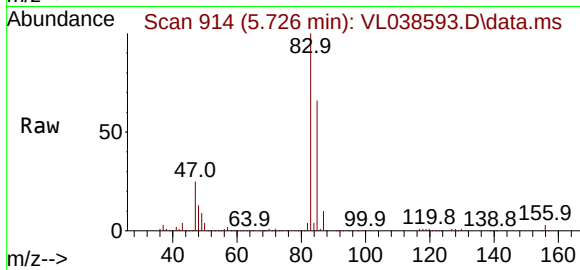
Tgt Ion: 73 Resp: 832689
Ion Ratio Lower Upper
73 100
57 23.7 18.8 28.2





#29
Chloroform
Concen: 10.267 ppbv
RT: 5.726 min Scan# 919
Delta R.T. -0.016 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

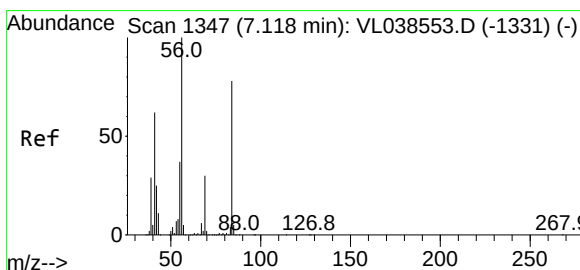
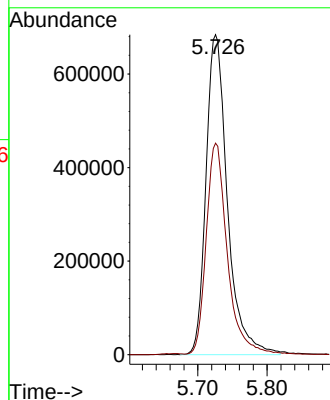
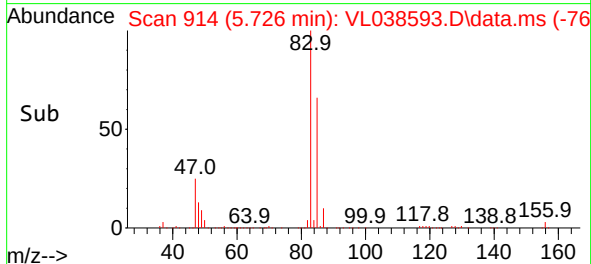
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



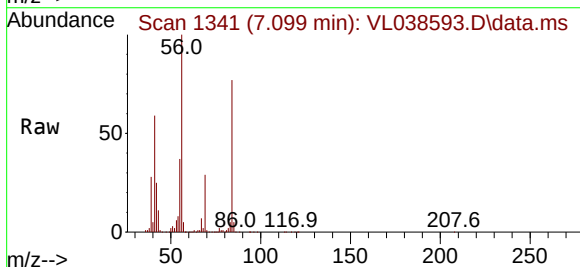
Tgt Ion: 83 Resp: 1467928
Ion Ratio Lower Upper
83 100
85 65.8 52.8 79.2

Manual Integrations
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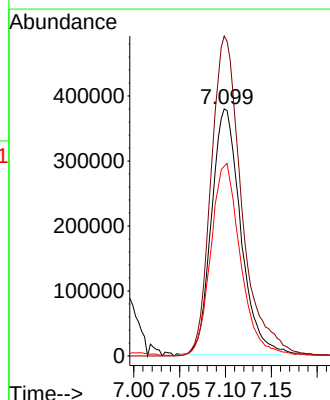
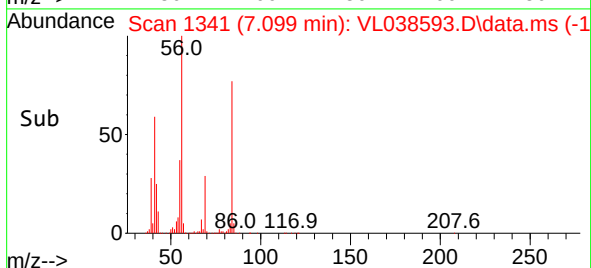
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

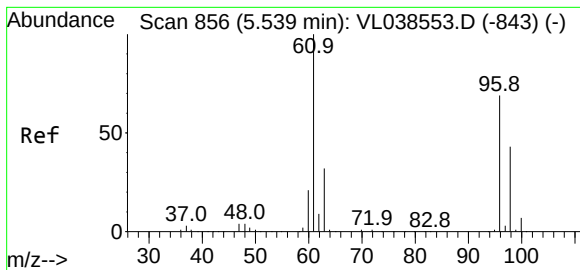


#30
Cyclohexane
Concen: 10.463 ppbv
RT: 7.099 min Scan# 1341
Delta R.T. -0.019 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03



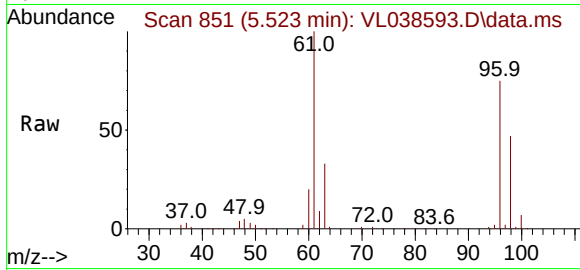
Tgt Ion: 84 Resp: 831313
Ion Ratio Lower Upper
84 100
56 138.2 111.4 167.0
41 80.0 65.5 98.3





#31
 cis-1,2-Dichloroethene
 Concen: 7.900 ppbv
 RT: 5.523 min Scan# 81
 Delta R.T. -0.016 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

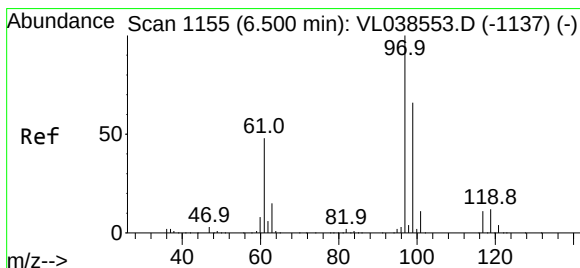
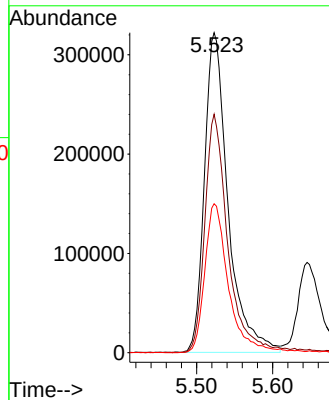
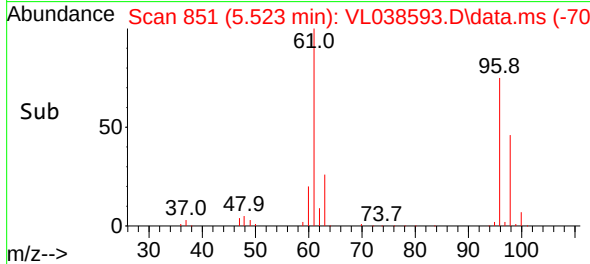
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01



Tgt Ion: 61 Resp: 69429
 Ion Ratio Lower Upper
 61 100
 96 74.5 55.2 82.8
 98 46.5 34.2 51.4

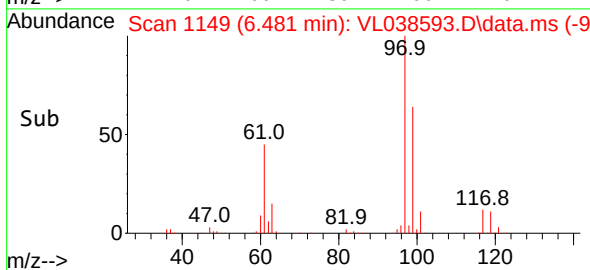
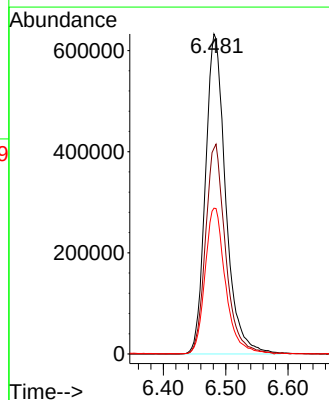
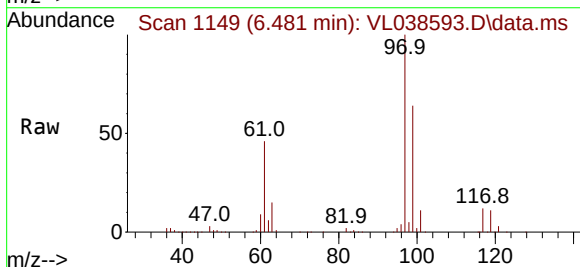
Manual Integrations
 APPROVED

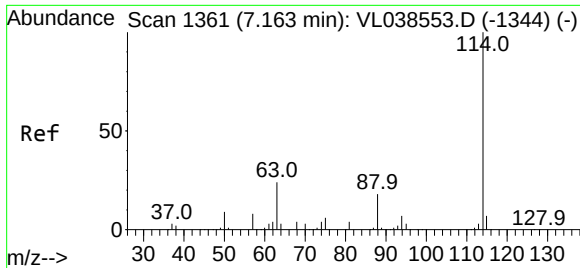
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.289 ppbv
 RT: 6.481 min Scan# 1149
 Delta R.T. -0.019 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

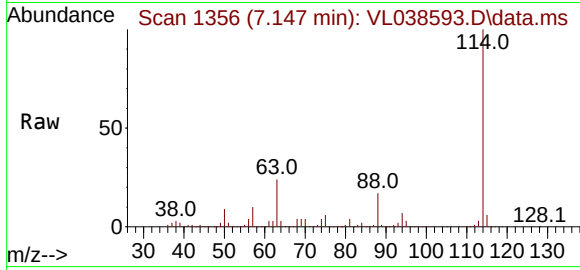
Tgt Ion: 97 Resp: 1426563
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.1 78.1
 61 46.3 37.7 56.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.147 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

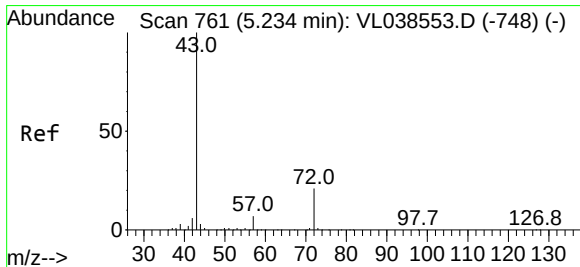
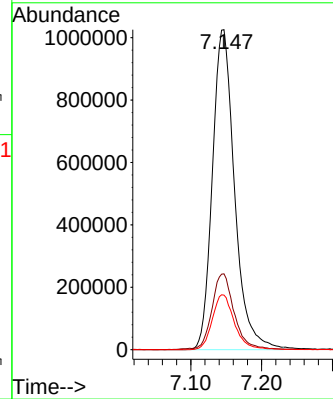
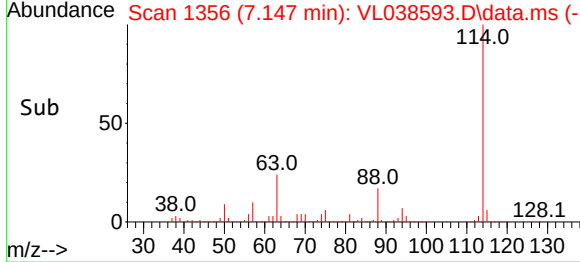
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



Tgt Ion:114 Resp: 2231279
Ion Ratio Lower Upper
114 100
63 24.0 19.6 29.4
88 17.2 13.9 20.9

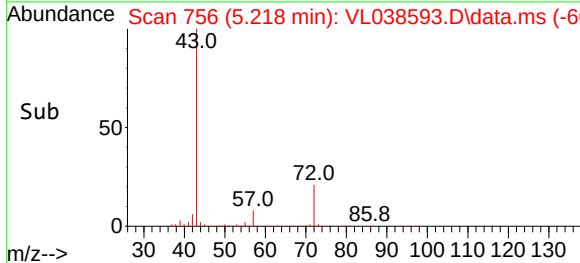
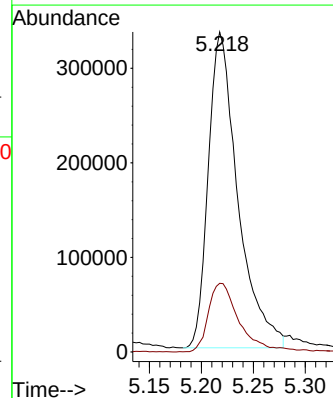
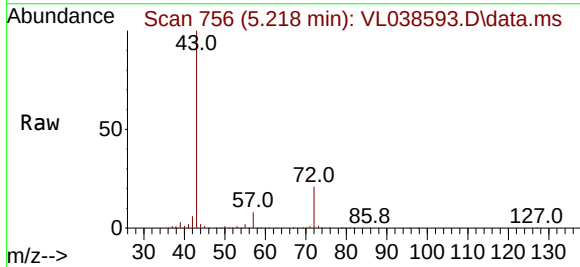
Manual Integrations
APPROVED

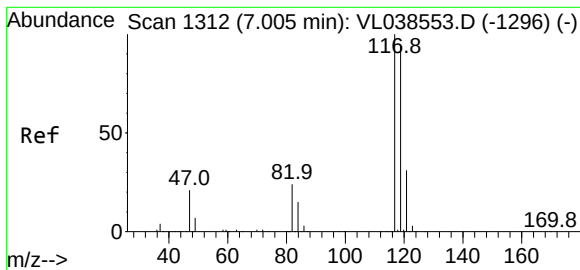
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#34
2-Butanone
Concen: 11.443 ppbv
RT: 5.218 min Scan# 756
Delta R.T. -0.016 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

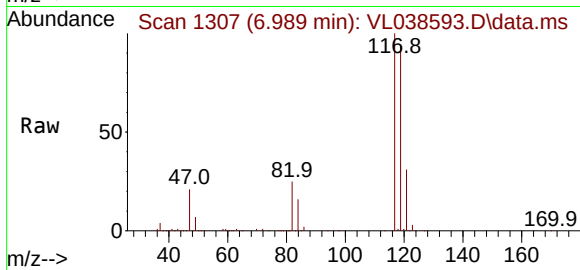
Tgt Ion: 43 Resp: 661794
Ion Ratio Lower Upper
43 100
72 23.4 17.8 26.6





#35
Carbon Tetrachloride
Concen: 9.903 ppbv
RT: 6.989 min Scan# 117
Delta R.T. -0.016 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

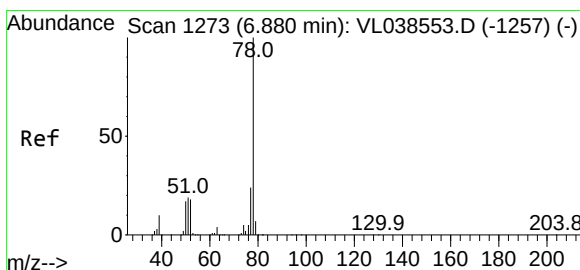
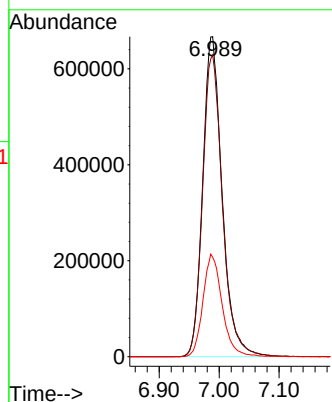
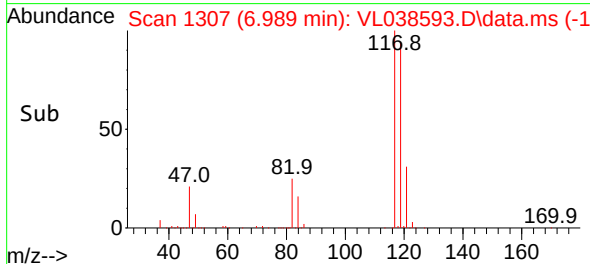
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



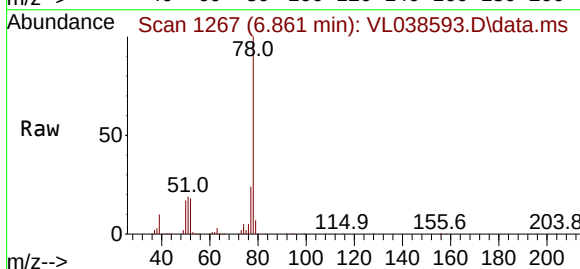
Tgt Ion: 117 Resp: 1507114
Ion Ratio Lower Upper
117 100
119 94.3 75.2 112.8
121 31.0 24.8 37.2

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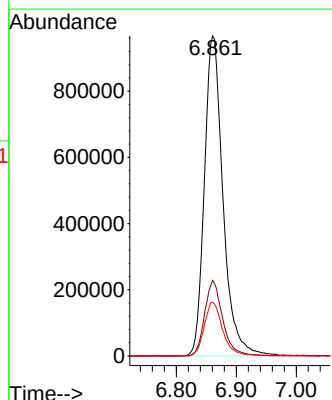
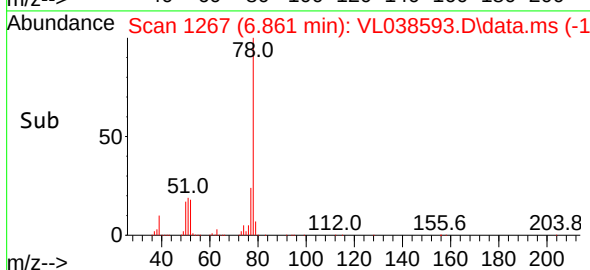
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

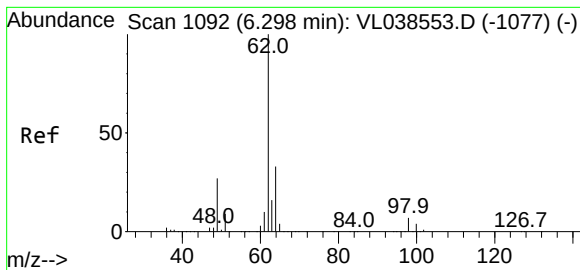


#36
Benzene
Concen: 10.395 ppbv
RT: 6.861 min Scan# 1267
Delta R.T. -0.019 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03



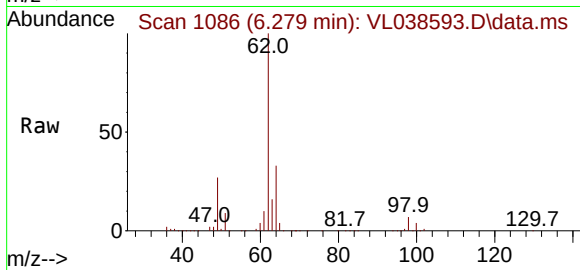
Tgt Ion: 78 Resp: 2093032
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4
50 16.8 13.9 20.9





#37
1,2-Dichloroethane
Concen: 10.478 ppbv
RT: 6.279 min Scan# 1086
Delta R.T. -0.019 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

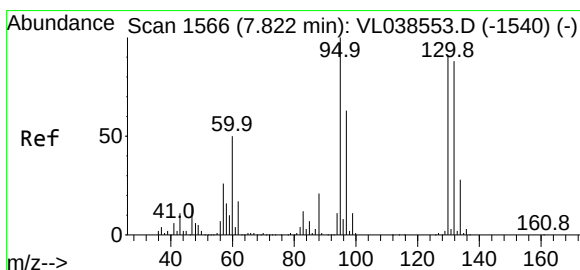
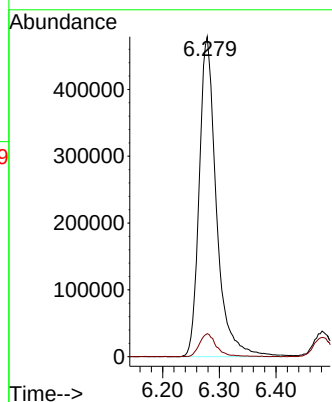
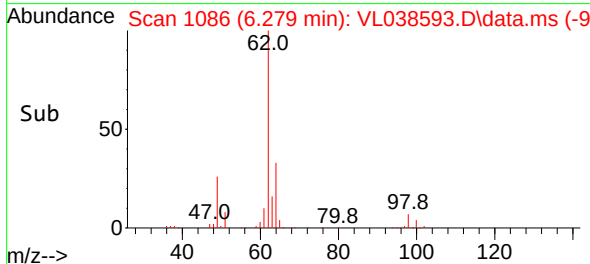
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



Tgt Ion: 62 Resp: 100819
Ion Ratio Lower Upper
62 100
98 7.2 5.7 8.5

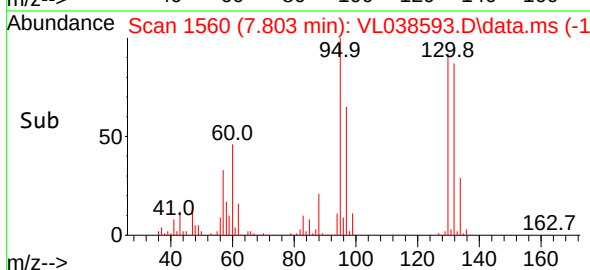
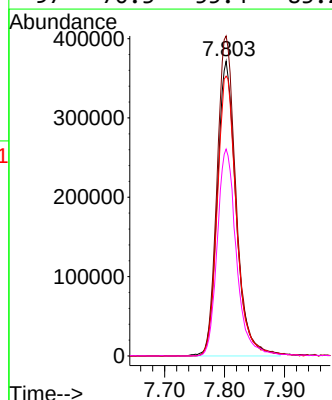
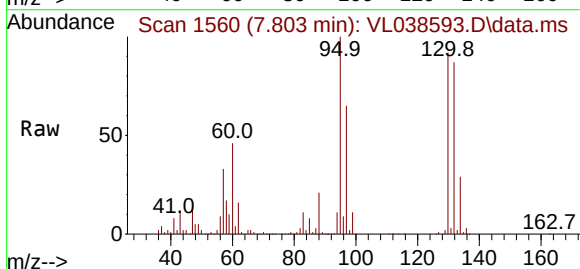
Manual Integrations
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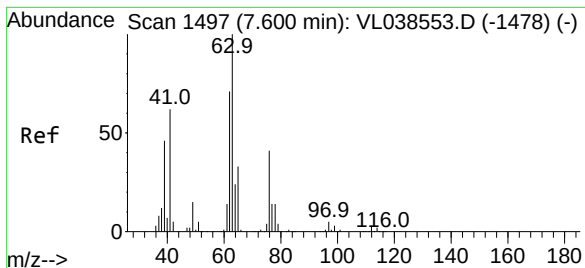
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#38
Trichloroethene
Concen: 10.011 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. -0.019 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

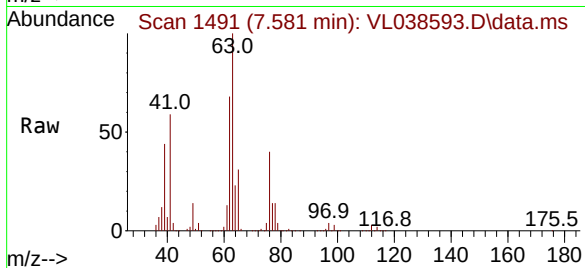
Tgt Ion:130 Resp: 805161
Ion Ratio Lower Upper
130 100
95 108.8 87.8 131.8
132 95.1 77.5 116.3
97 70.3 55.4 83.2





#39
1,2-Dichloropropane
Concen: 10.434 ppbv
RT: 7.581 min Scan# 1491
Delta R.T. -0.019 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

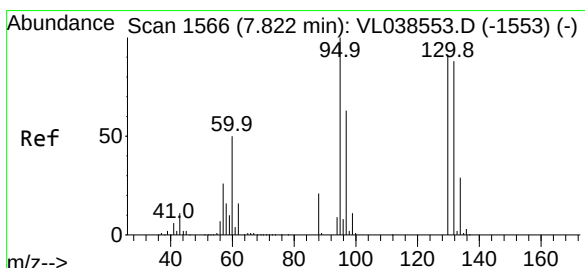
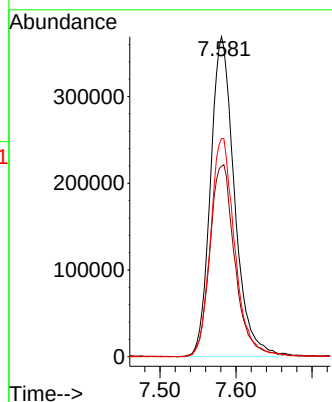
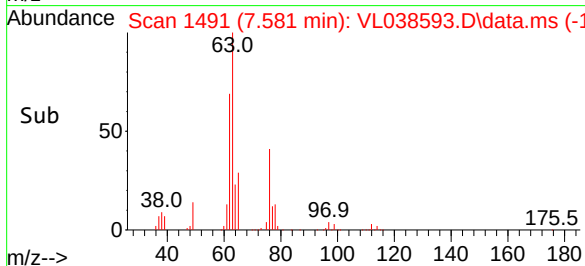
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



Tgt Ion: 63 Resp: 807969
Ion Ratio Lower Upper
63 100
41 59.4 49.8 74.6
62 68.1 56.7 85.1

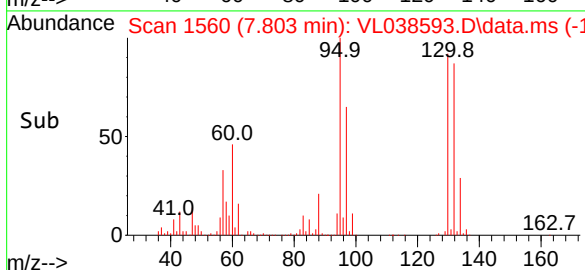
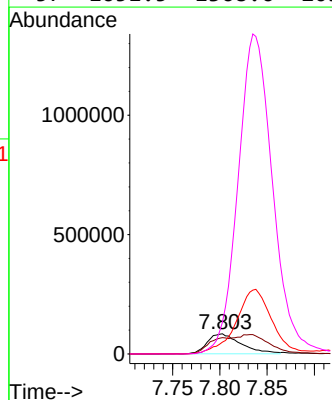
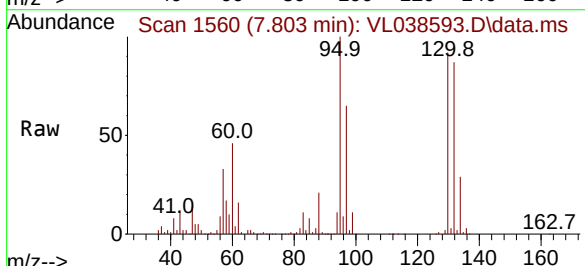
Manual Integrations
APPROVED

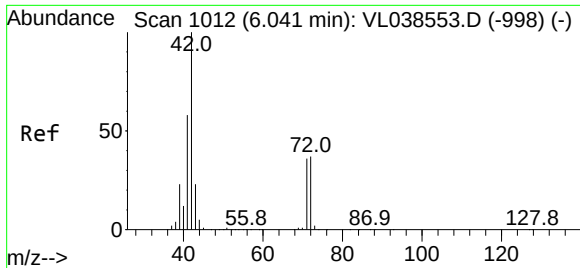
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#40
1,4-Dioxane
Concen: 10.717 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. -0.019 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

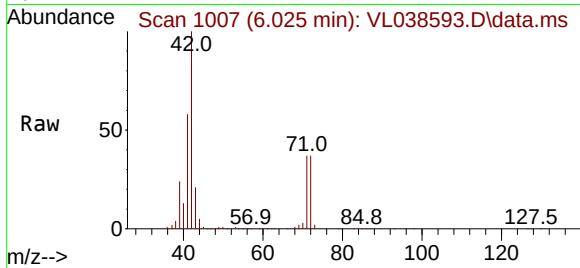
Tgt Ion: 88 Resp: 207699
Ion Ratio Lower Upper
88 100
58 154.7 126.7 190.1
43 356.9 303.0 454.6
57 1651.5 1368.6 2053.0





#41
Tetrahydrofuran
Concen: 10.195 ppbv
RT: 6.025 min Scan# 1012
Delta R.T. -0.016 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

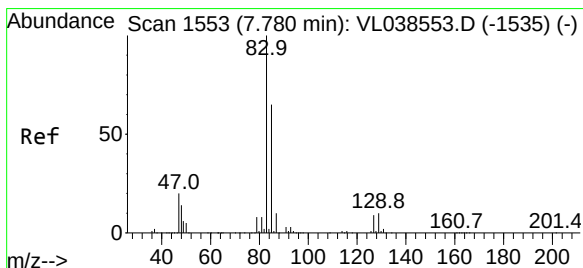
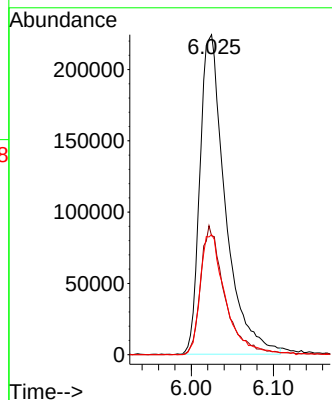
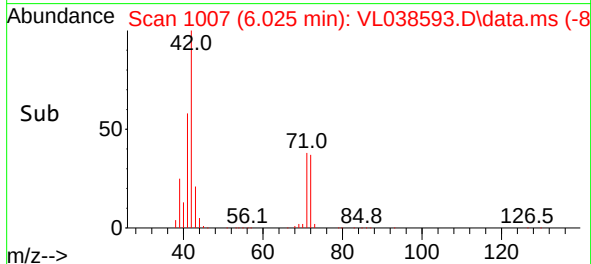
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



Tgt Ion: 42 Resp: 48238
Ion Ratio Lower Upper
42 100
72 38.9 30.9 46.3
71 38.0 29.1 43.7

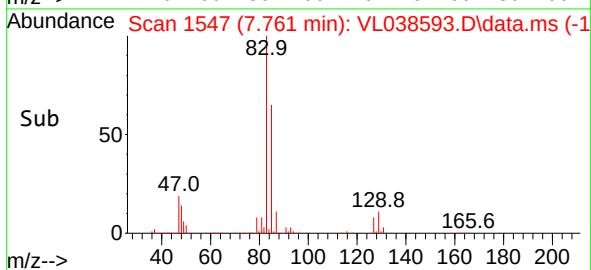
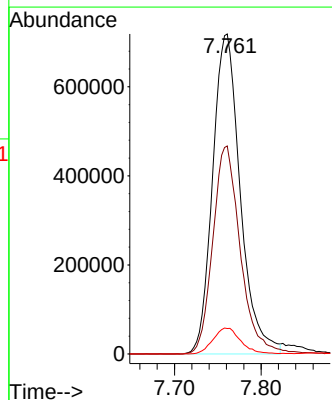
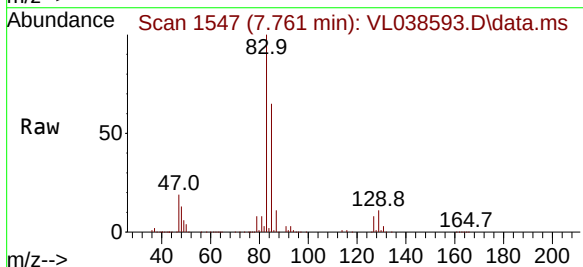
Manual Integrations
APPROVED

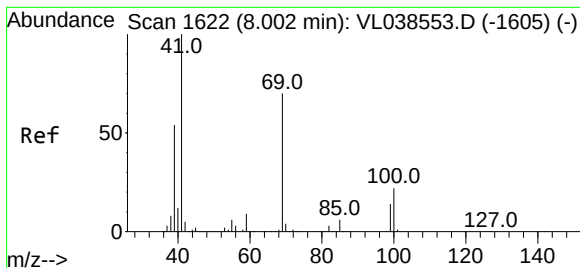
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#42
Bromodichloromethane
Concen: 10.459 ppbv
RT: 7.761 min Scan# 1547
Delta R.T. -0.019 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Tgt Ion: 83 Resp: 1595802
Ion Ratio Lower Upper
83 100
85 65.0 51.7 77.5
127 8.0 6.9 10.3





#43

Methyl Methacrylate

Concen: 10.869 ppbv

RT: 7.983 min Scan# 1

Delta R.T. -0.019 min

Lab File: VL038593.D

Acq: 14 Mar 2022 12:03

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

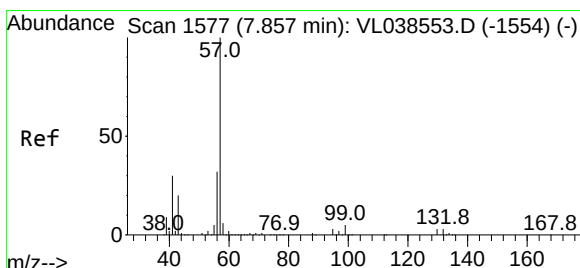
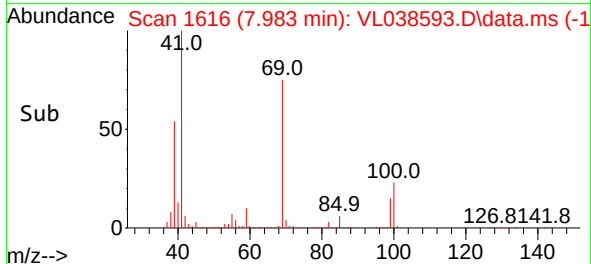
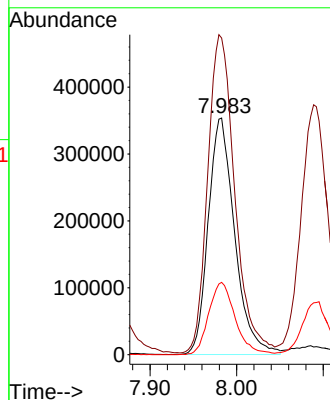
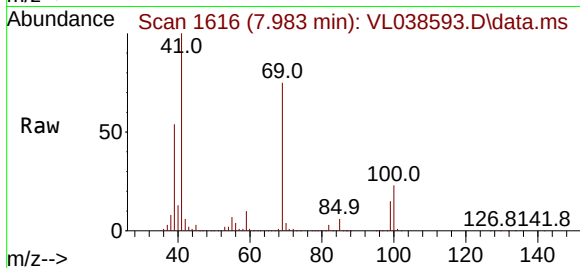
Tgt Ion: 69 Resp: 751234

Ion	Ratio	Lower	Upper
69	100		
41	138.7	113.8	170.6
100	30.6	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#44

2,2,4-Trimethylpentane

Concen: 10.073 ppbv

RT: 7.835 min Scan# 1570

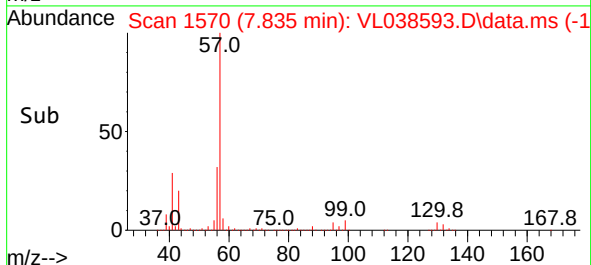
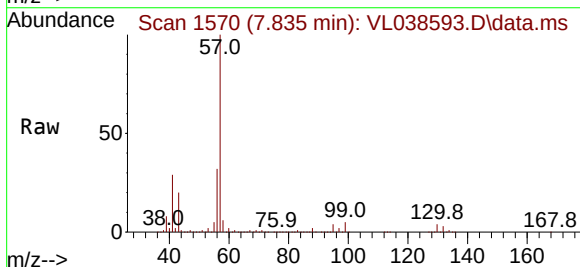
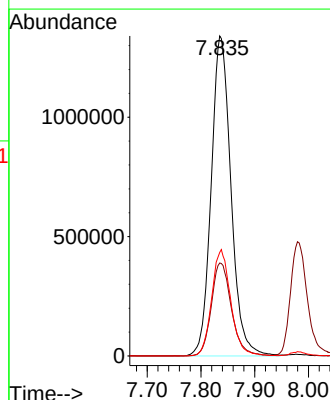
Delta R.T. -0.022 min

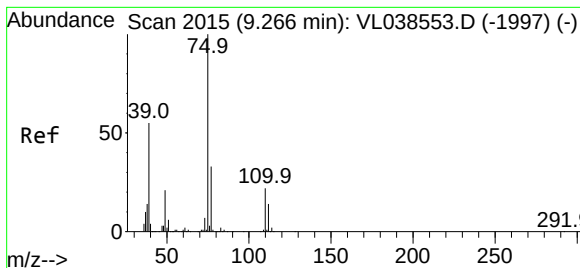
Lab File: VL038593.D

Acq: 14 Mar 2022 12:03

Tgt Ion: 57 Resp: 3429378

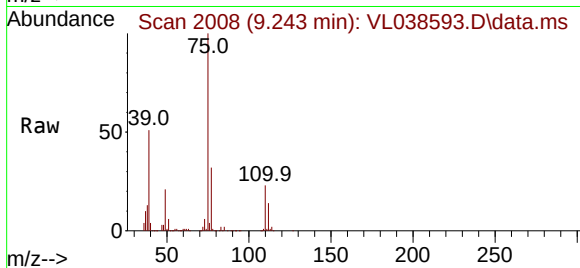
Ion	Ratio	Lower	Upper
57	100		
41	29.5	24.0	36.0
56	32.0	25.6	38.4





#45
t-1,3-Dichloropropene
Concen: 12.271 ppbv
RT: 9.243 min Scan# 2015
Delta R.T. -0.022 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

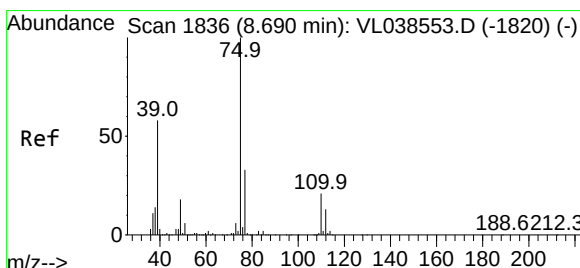
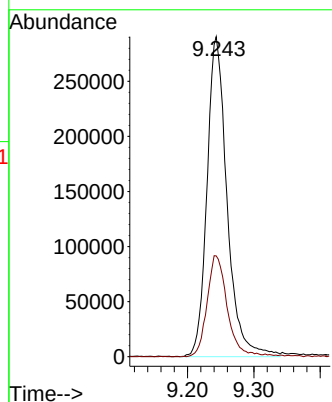
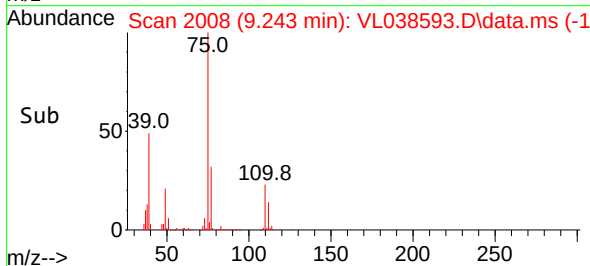
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



Tgt Ion: 75 Resp: 61119
Ion Ratio Lower Upper
75 100
77 31.5 26.6 40.0

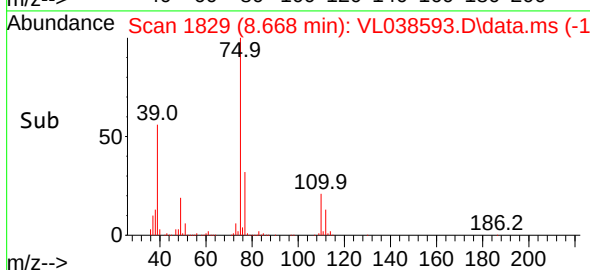
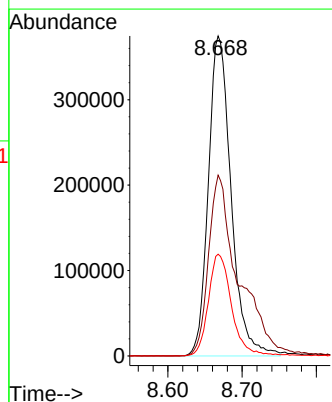
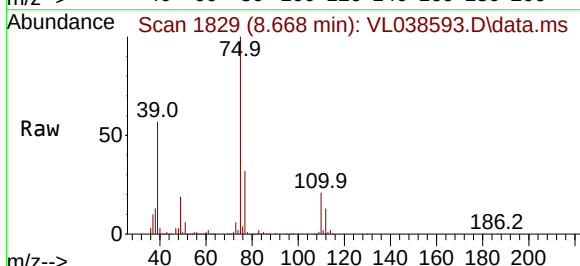
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APPROVED

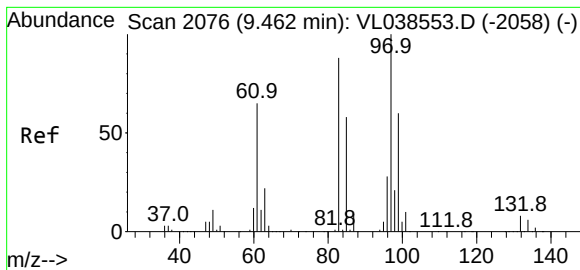
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#46
cis-1,3-Dichloropropene
Concen: 11.686 ppbv
RT: 8.668 min Scan# 1829
Delta R.T. -0.022 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Tgt Ion: 75 Resp: 795903
Ion Ratio Lower Upper
75 100
39 56.4 46.2 69.2
77 31.8 26.2 39.2





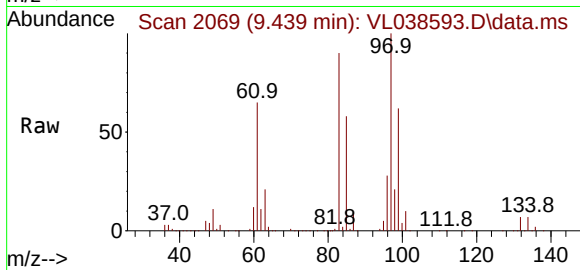
#47
1,1,2-Trichloroethane
Concen: 10.925 ppbv
RT: 9.439 min Scan# 2076
Delta R.T. -0.022 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

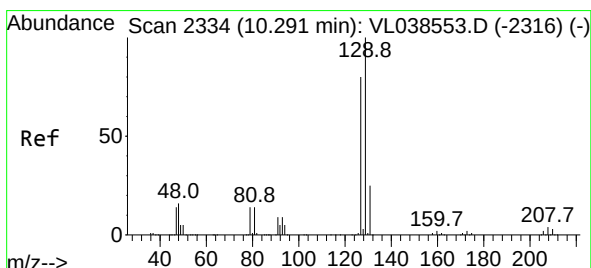
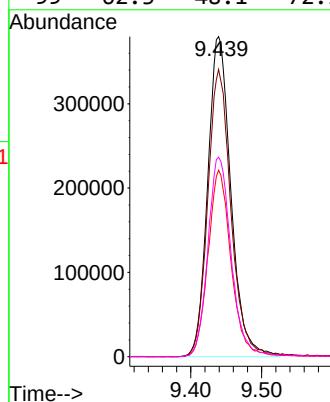
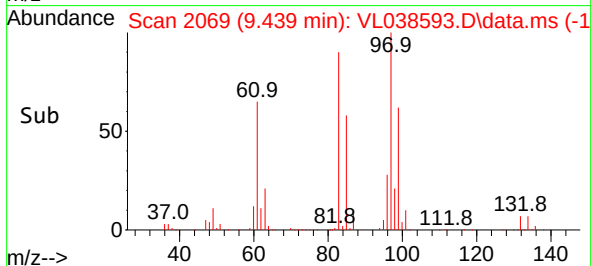


Tgt Ion: 97 Resp: 862194
Ion Ratio Lower Upper
97 100
83 89.7 70.1 105.1
85 58.3 46.6 69.8
99 62.3 48.1 72.1

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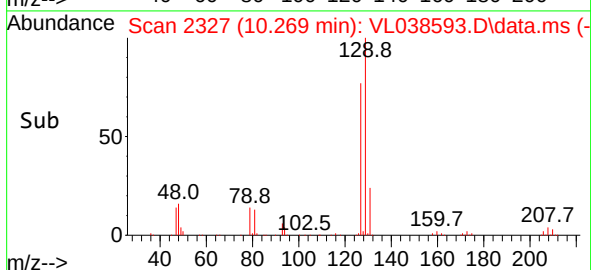
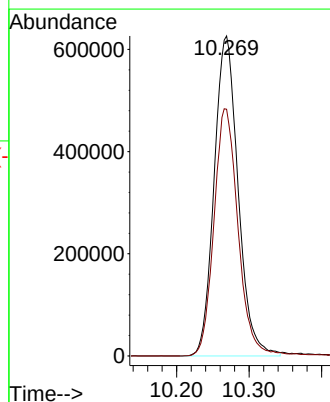
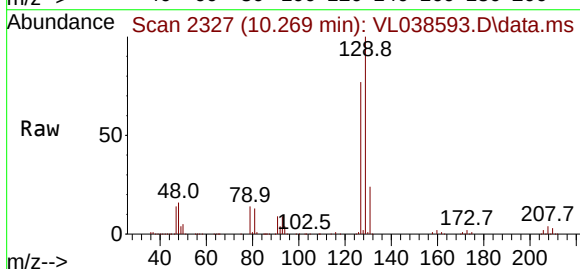
APPROVED

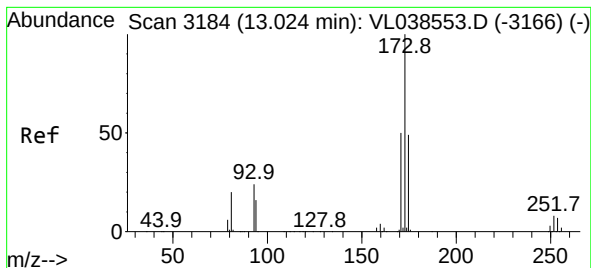
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#48
Dibromochloromethane
Concen: 11.488 ppbv
RT: 10.269 min Scan# 2327
Delta R.T. -0.022 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Tgt Ion:129 Resp: 1439560
Ion Ratio Lower Upper
129 100
127 78.5 39.5 118.3





#49

Bromoform

Concen: 12.745 ppbv

RT: 13.002 min Scan# 3184

Delta R.T. -0.022 min

Lab File: VL038593.D

Acq: 14 Mar 2022 12:03

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion:173 Resp: 122328

Ion Ratio Lower Upper

173 100

175 50.3 40.7 61.1

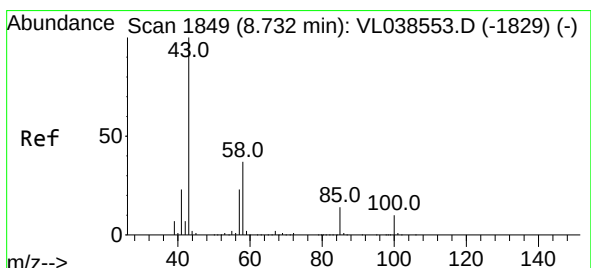
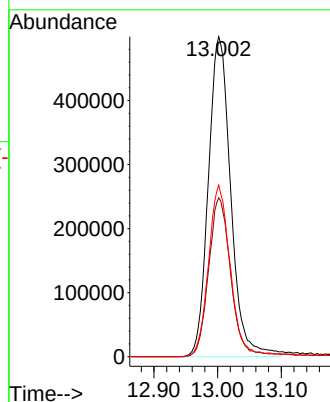
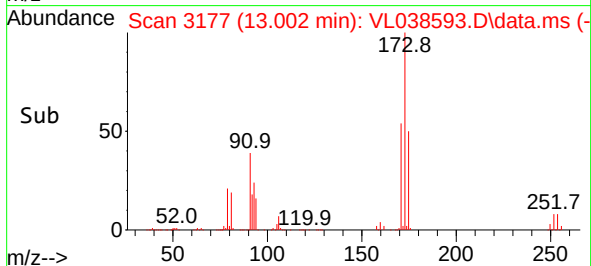
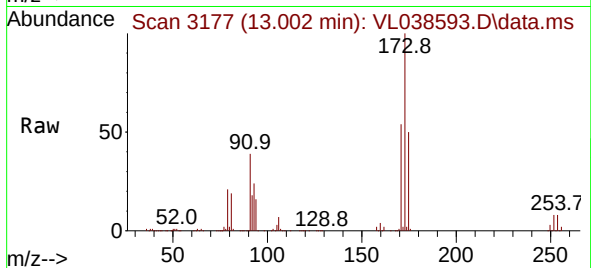
171 53.0 42.9 64.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#50

4-Methyl-2-Pentanone

Concen: 10.733 ppbv

RT: 8.706 min Scan# 1841

Delta R.T. -0.026 min

Lab File: VL038593.D

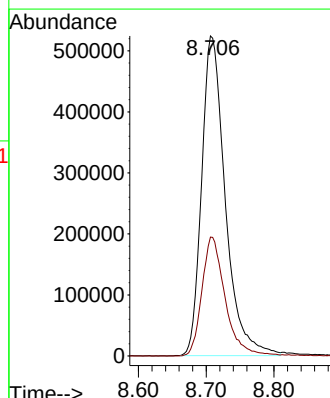
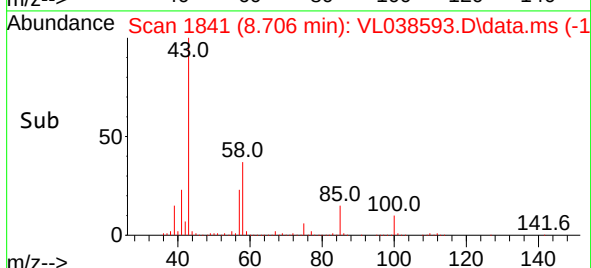
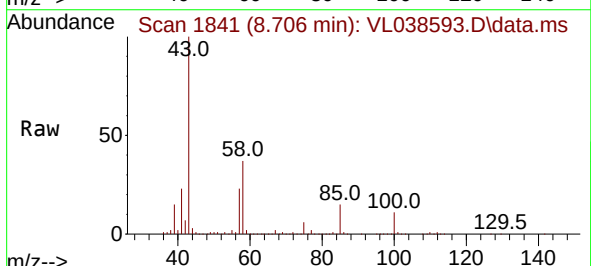
Acq: 14 Mar 2022 12:03

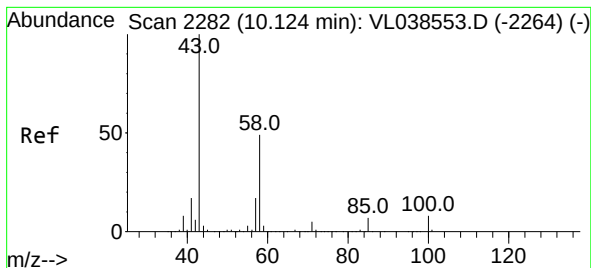
Tgt Ion: 43 Resp: 1272518

Ion Ratio Lower Upper

43 100

58 37.0 29.2 43.8





#51

2-Hexanone

Concen: 10.950 ppbv

RT: 10.102 min Scan# 21

Delta R.T. -0.022 min

Lab File: VL038593.D

Acq: 14 Mar 2022 12:03

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion: 43 Resp: 54858

Ion Ratio Lower Upper

43 100

58 49.7 40.1 60.1

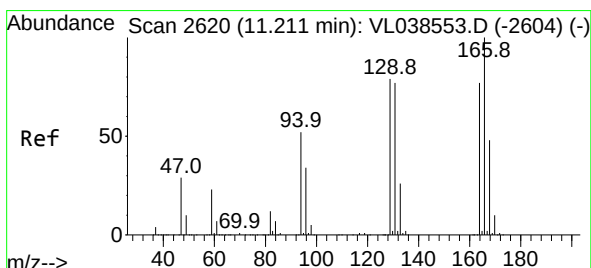
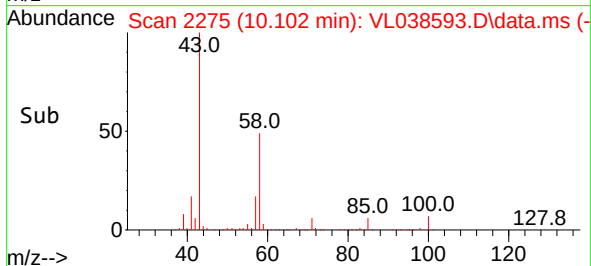
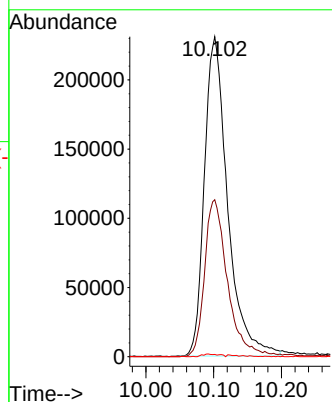
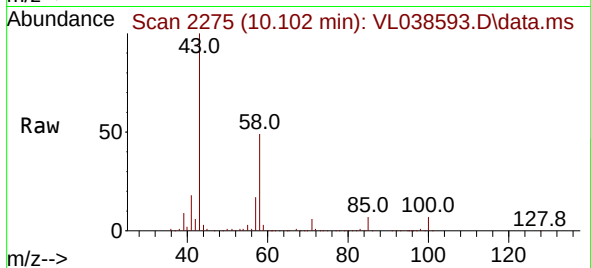
98 1.0 0.4 0.6

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Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#52

Tetrachloroethene

Concen: 10.221 ppbv

RT: 11.185 min Scan# 2612

Delta R.T. -0.026 min

Lab File: VL038593.D

Acq: 14 Mar 2022 12:03

Tgt Ion:164 Resp: 754326

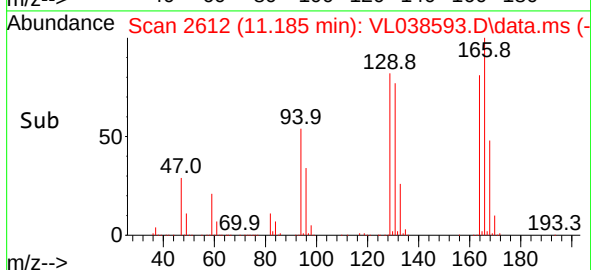
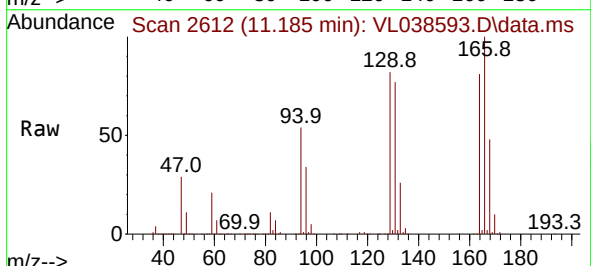
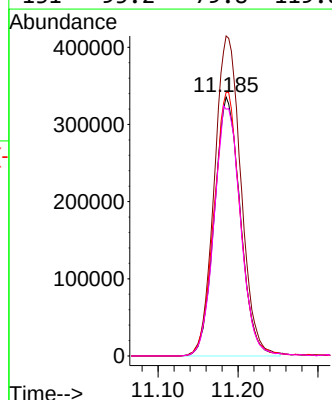
Ion Ratio Lower Upper

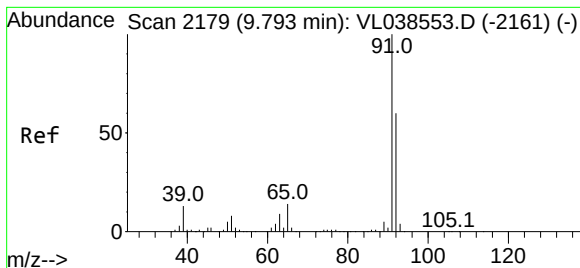
164 100

166 123.5 103.4 155.2

129 101.8 81.3 121.9

131 95.2 79.8 119.8





#53

Toluene

Concen: 11.032 ppbv

RT: 9.770 min Scan# 2179

Delta R.T. -0.022 min

Lab File: VL038593.D

Acq: 14 Mar 2022 12:03

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion: 91 Resp: 2371249

Ion Ratio Lower Upper

91 100

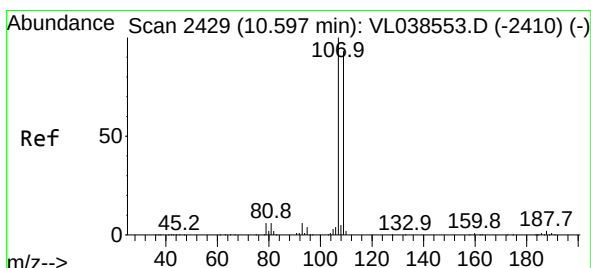
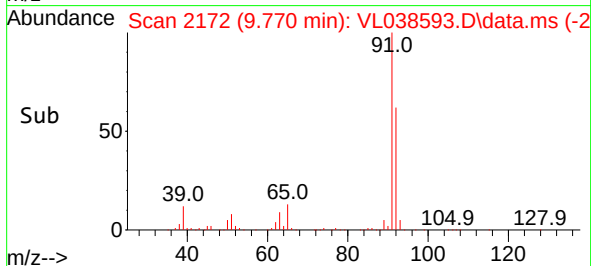
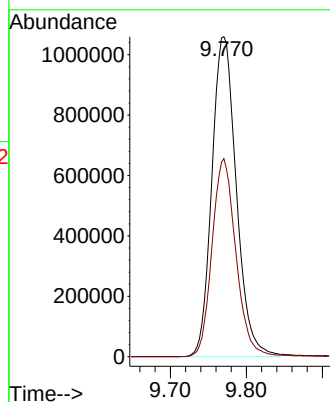
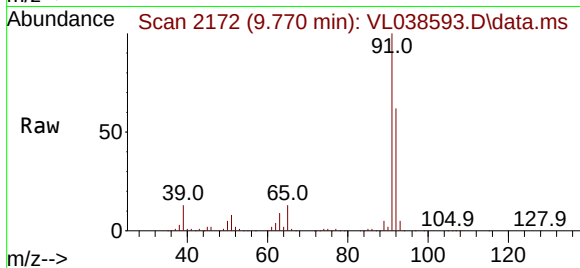
92 60.7 48.1 72.1

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Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#54

1,2-Dibromoethane

Concen: 11.068 ppbv

RT: 10.574 min Scan# 2422

Delta R.T. -0.022 min

Lab File: VL038593.D

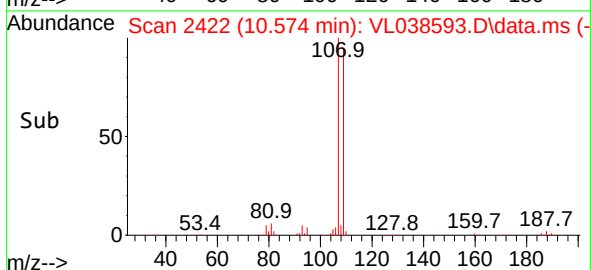
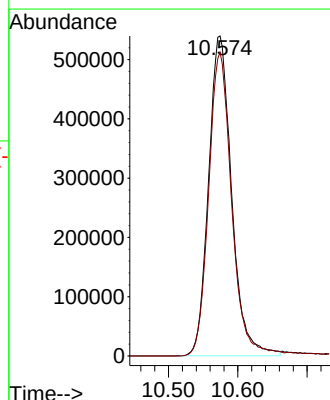
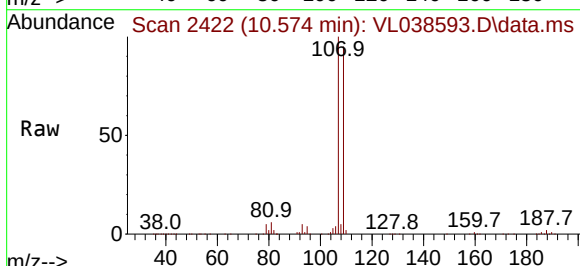
Acq: 14 Mar 2022 12:03

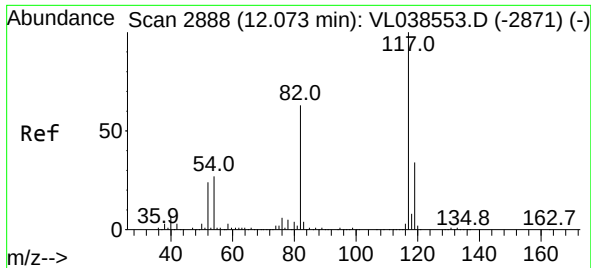
Tgt Ion:107 Resp: 1248121

Ion Ratio Lower Upper

107 100

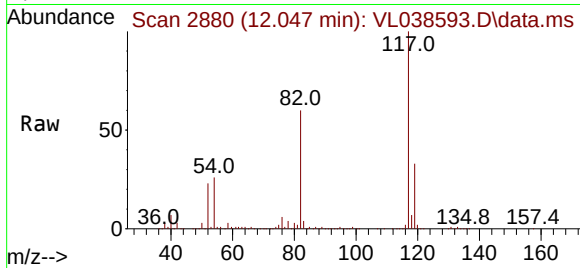
109 94.9 74.6 112.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.047 min Scan# 2880
Delta R.T. -0.026 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

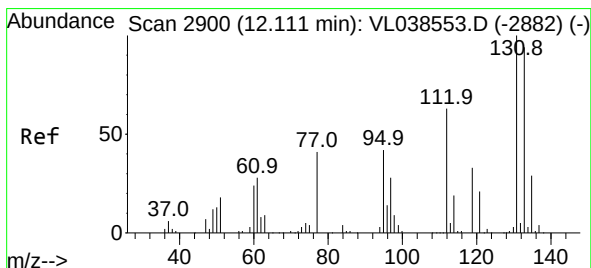
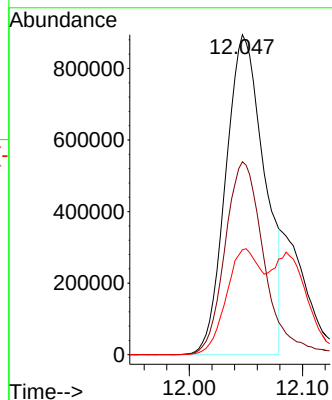
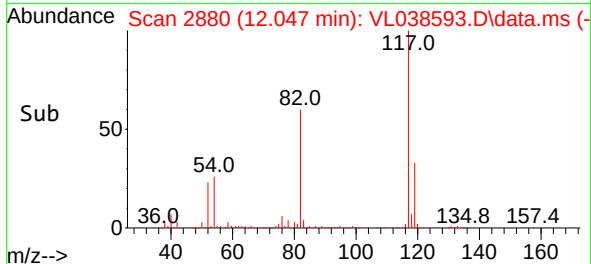
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



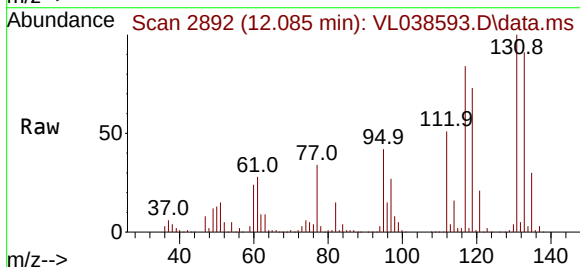
Tgt Ion:117 Resp: 212235
Ion Ratio Lower Upper
117 100
82 63.4 52.5 78.7
119 29.4 46.4 69.6

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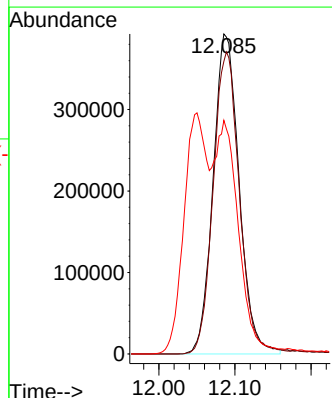
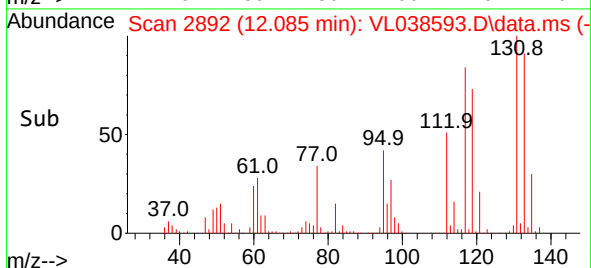
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

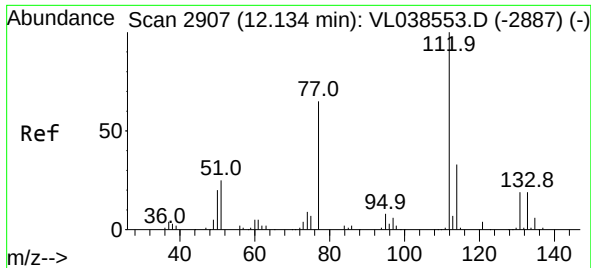


#56
1,1,1,2-Tetrachloroethane
Concen: 10.790 ppbv
RT: 12.085 min Scan# 2892
Delta R.T. -0.026 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03



Tgt Ion:131 Resp: 932763
Ion Ratio Lower Upper
131 100
133 96.6 78.0 117.0
119 68.9 53.1 79.7





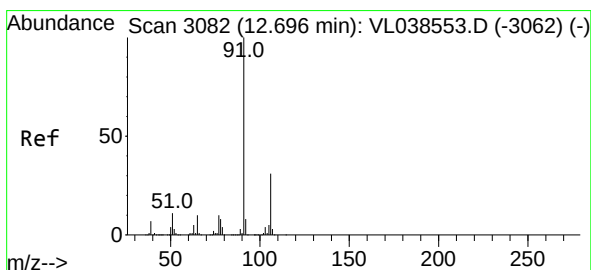
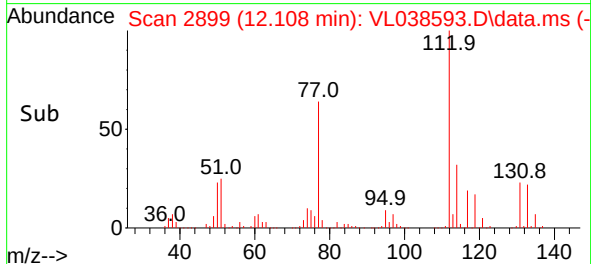
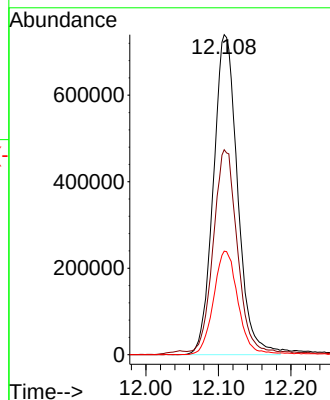
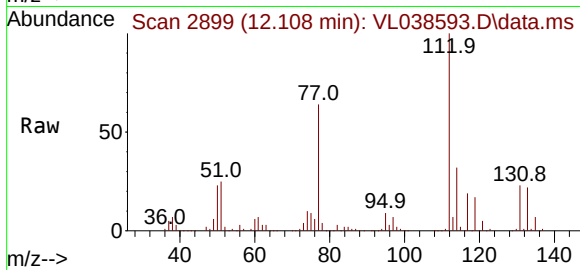
#57
Chlorobenzene
Concen: 10.607 ppbv
RT: 12.108 min Scan# 2899
Delta R.T. -0.026 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion:112 Resp: 171870
Ion Ratio Lower Upper
112 100
77 62.9 52.5 78.7
114 32.3 30.0 36.6

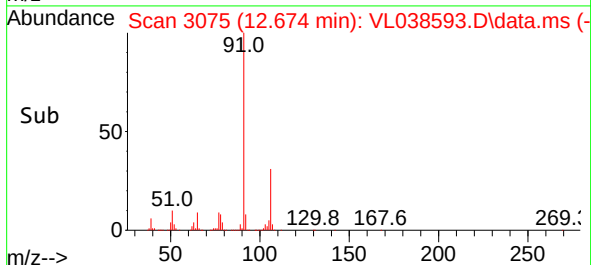
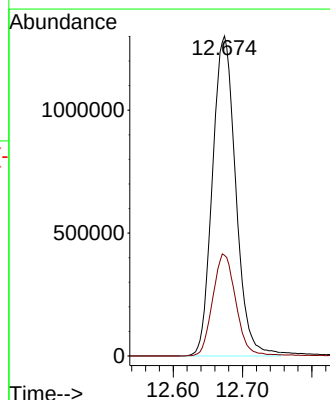
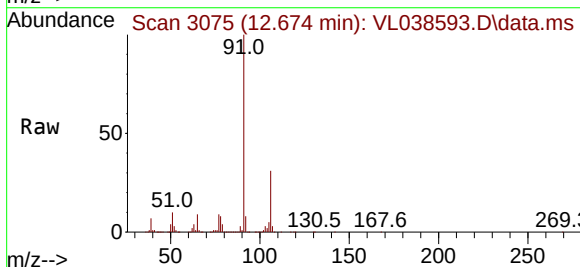
Manual Integrations
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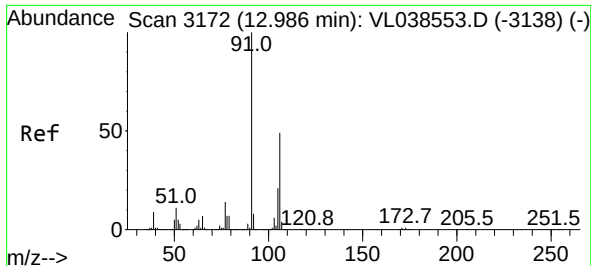
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#58
Ethyl Benzene
Concen: 11.077 ppbv
RT: 12.674 min Scan# 3075
Delta R.T. -0.022 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

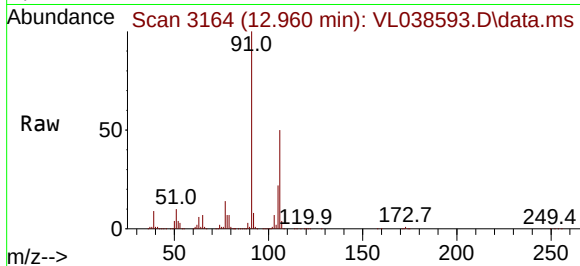
Tgt Ion: 91 Resp: 3043839
Ion Ratio Lower Upper
91 100
106 31.5 24.6 37.0





#59
m/p-Xylene
Concen: 21.587 ppbv m
RT: 12.960 min Scan# 3172
Delta R.T. -0.026 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

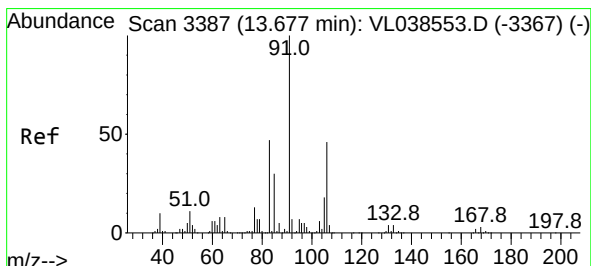
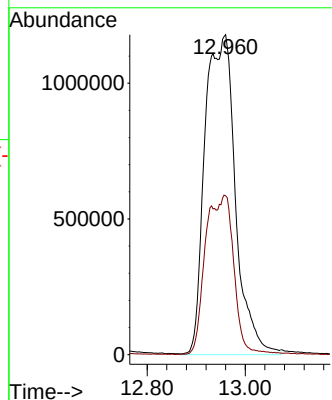
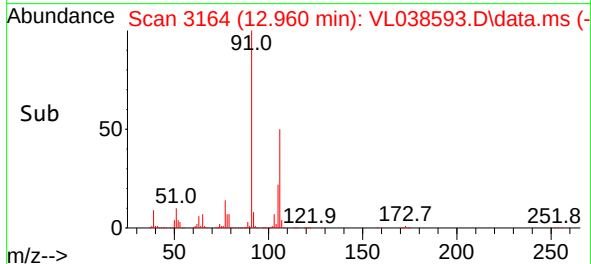
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



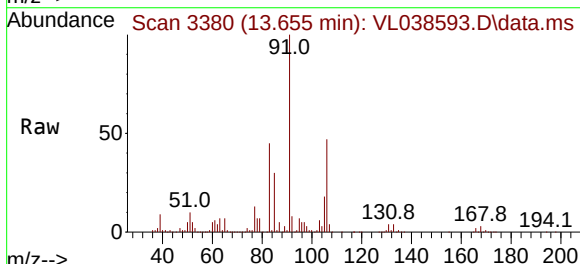
Tgt Ion: 91 Resp: 507833
Ion Ratio Lower Upper
91 100
106 46.7 37.1 55.7

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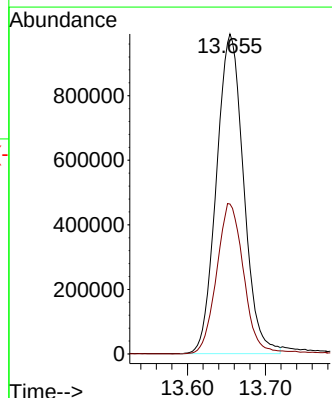
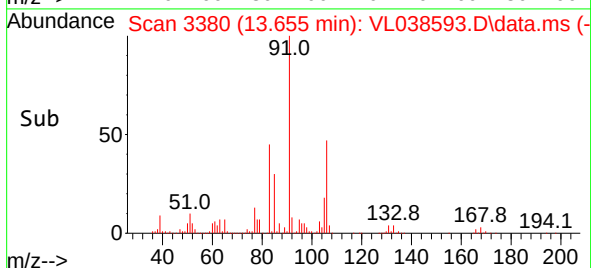
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

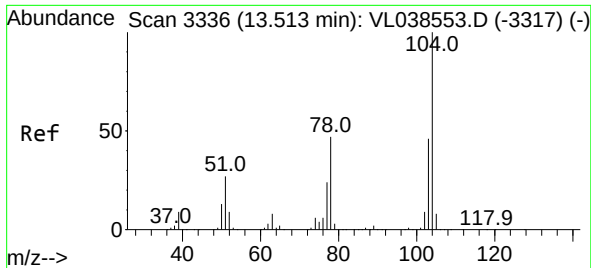


#60
o-Xylene
Concen: 10.787 ppbv
RT: 13.655 min Scan# 3380
Delta R.T. -0.022 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03



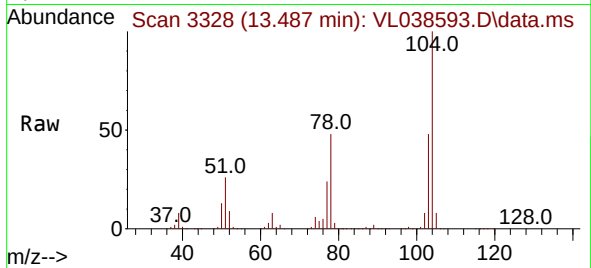
Tgt Ion: 91 Resp: 2396248
Ion Ratio Lower Upper
91 100
106 47.8 23.5 70.6





#61
Styrene
Concen: 12.176 ppbv
RT: 13.487 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

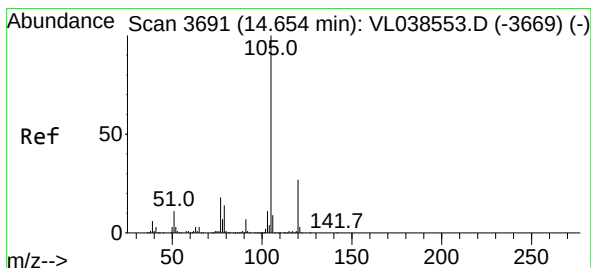
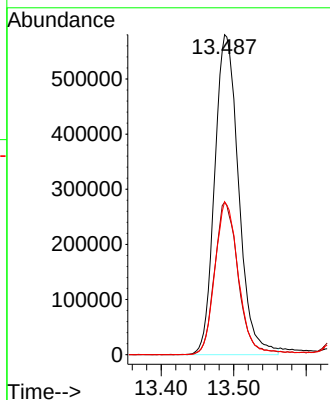
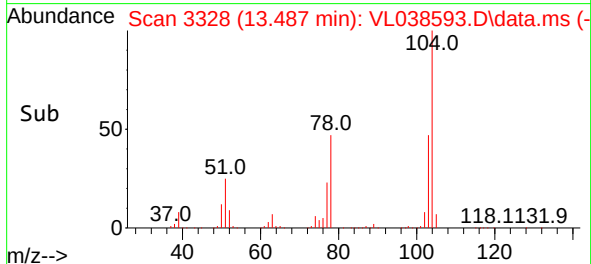
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



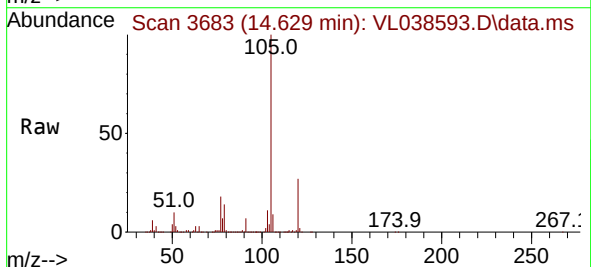
Tgt Ion:104 Resp: 1332798
Ion Ratio Lower Upper
104 100
78 47.3 39.0 58.4
103 47.6 38.0 57.0

Manual Integrations
APPROVED

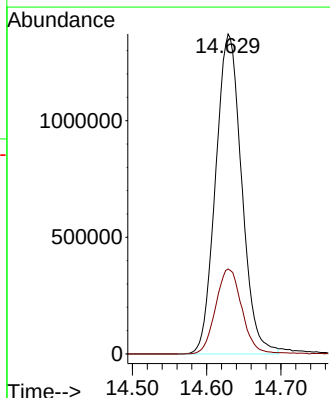
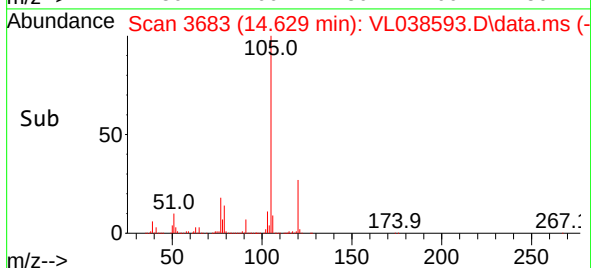
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

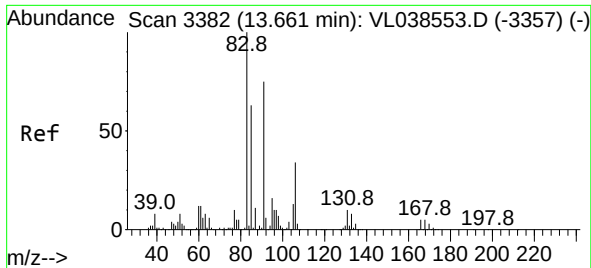


#62
Isopropylbenzene
Concen: 10.916 ppbv
RT: 14.629 min Scan# 3683
Delta R.T. -0.026 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03



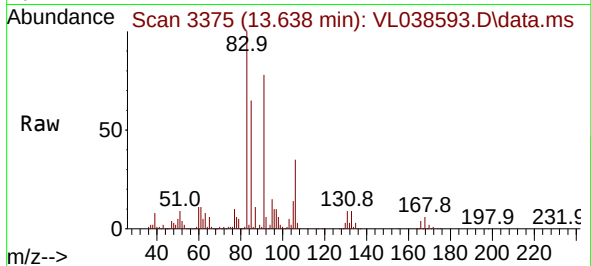
Tgt Ion:105 Resp: 3345794
Ion Ratio Lower Upper
105 100
120 27.1 21.2 31.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.913 ppbv
RT: 13.638 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

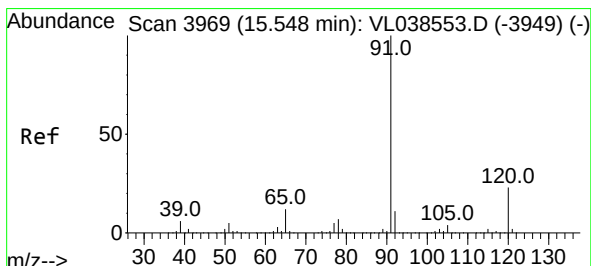
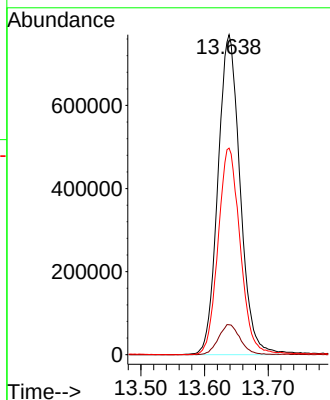
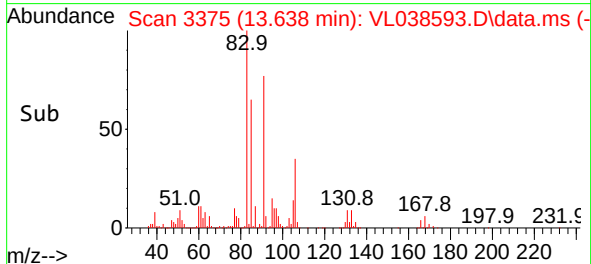
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



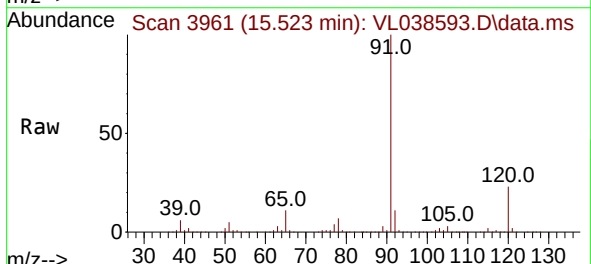
Tgt Ion: 83 Resp: 186055
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 65.3 32.6 98.0

Manual Integrations
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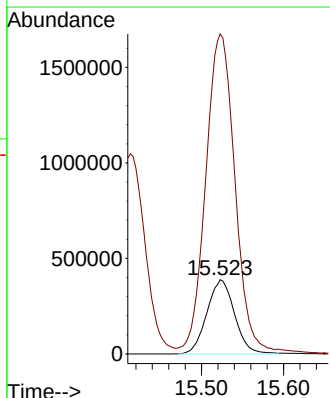
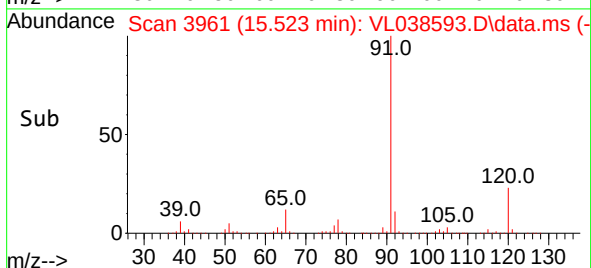
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

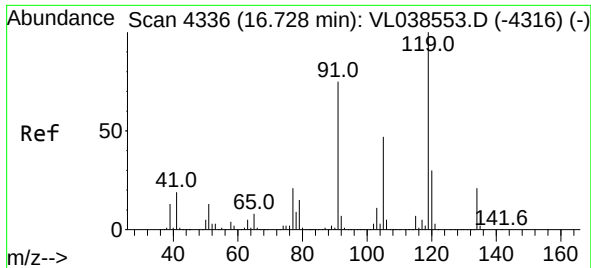


#64
n-propylbenzene
Concen: 11.645 ppbv
RT: 15.523 min Scan# 3961
Delta R.T. -0.026 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03



Tgt Ion:120 Resp: 909714
Ion Ratio Lower Upper
120 100
91 459.8 374.2 561.2





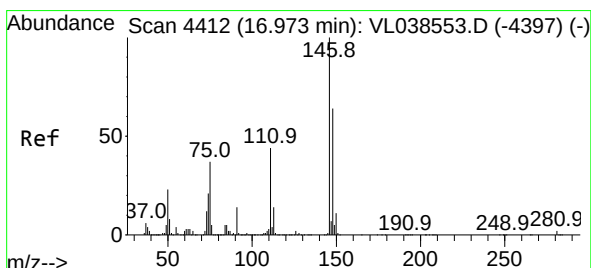
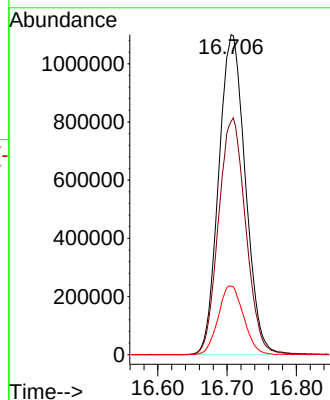
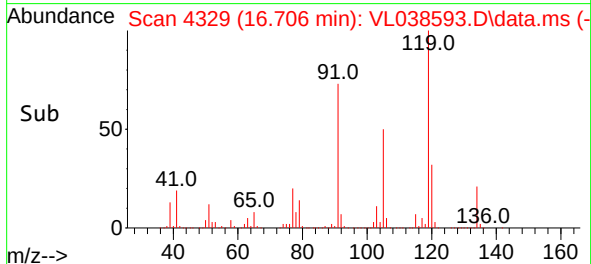
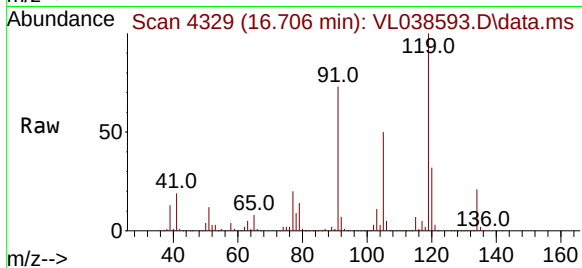
#65
tert-Butylbenzene
Concen: 10.722 ppbv
RT: 16.706 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion:119 Resp: 293894
Ion Ratio Lower Upper
119 100
91 75.5 61.2 91.8
134 20.6 16.2 24.2

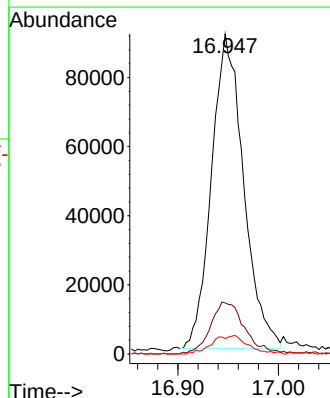
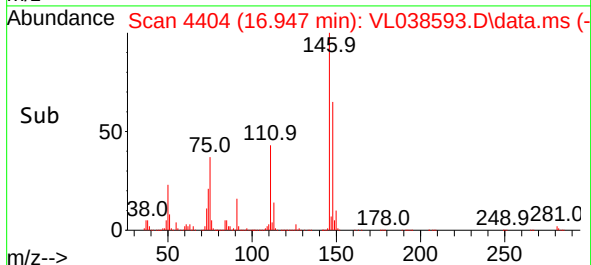
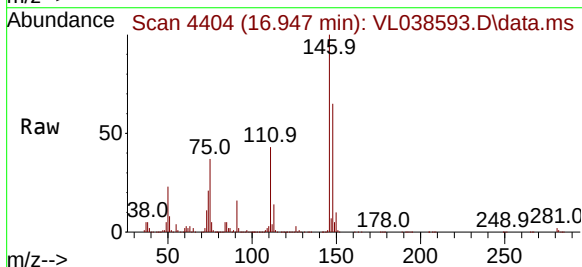
Manual Integrations
APPROVED

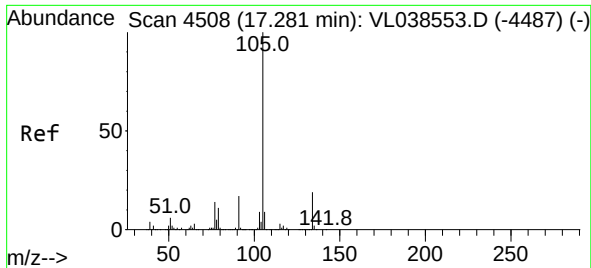
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#66
Benzyl Chloride
Concen: 12.409 ppbv
RT: 16.947 min Scan# 4404
Delta R.T. -0.026 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

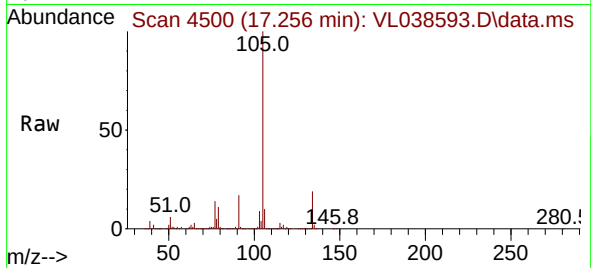
Tgt Ion: 91 Resp: 201535
Ion Ratio Lower Upper
91 100
126 17.7 14.1 21.1
128 6.6 5.1 7.7





#67
 sec-Butylbenzene
 Concen: 10.795 ppbv
 RT: 17.256 min Scan# 41
 Delta R.T. -0.026 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

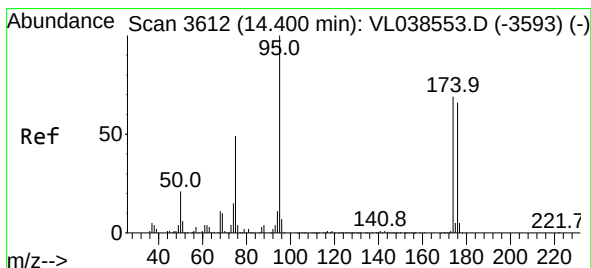
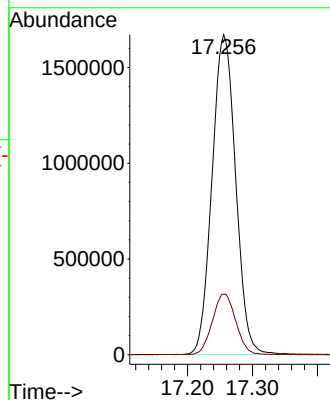
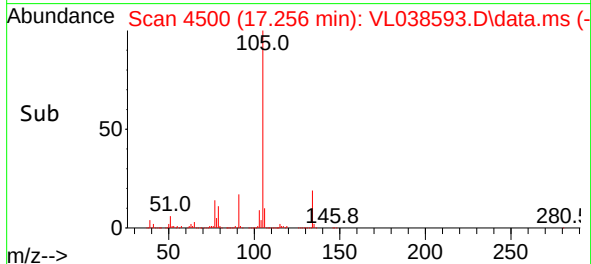
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01



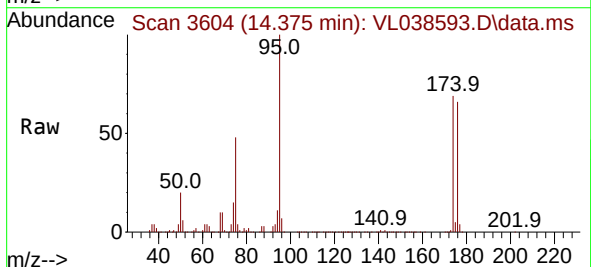
Tgt Ion:105 Resp: 420560
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.0 22.6

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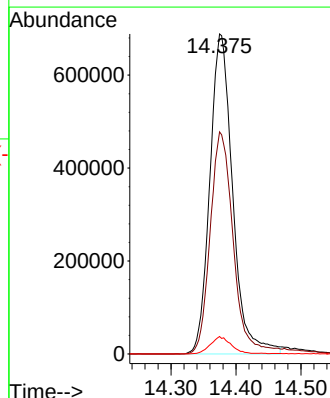
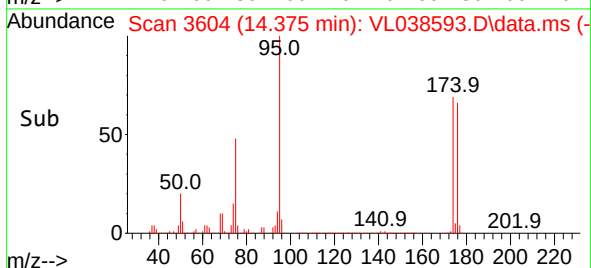
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

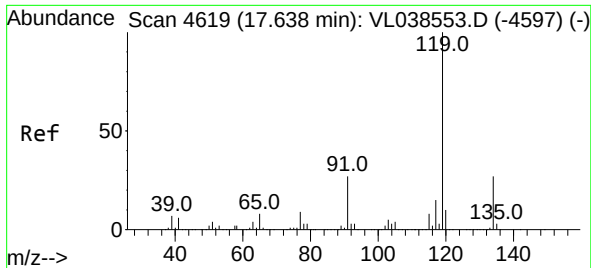


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.408 ppbv
 RT: 14.375 min Scan# 3604
 Delta R.T. -0.026 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03



Tgt Ion: 95 Resp: 1679449
 Ion Ratio Lower Upper
 95 100
 174 72.1 56.2 84.4
 175 5.2 4.2 6.2





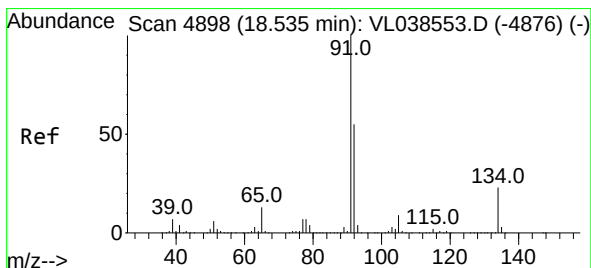
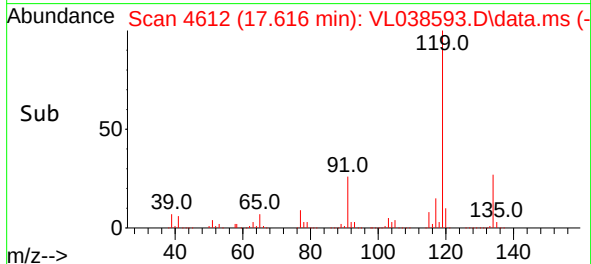
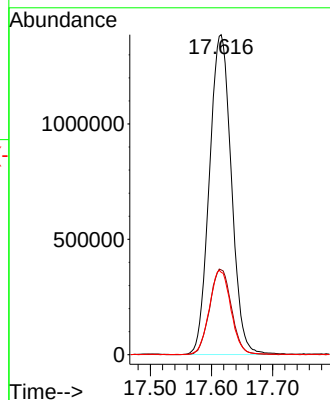
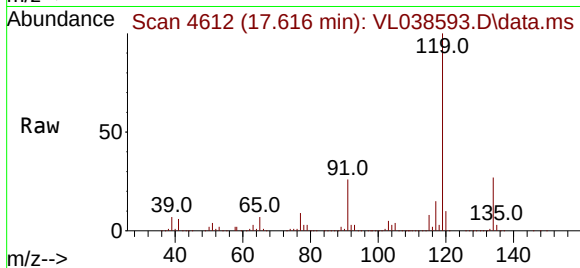
#69
p-Isopropyltoluene
Concen: 10.716 ppbv
RT: 17.616 min Scan# 4612
Delta R.T. -0.022 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01

Tgt Ion:119 Resp: 345855
Ion Ratio Lower Upper
119 100
134 26.6 20.9 31.3
91 25.9 21.1 31.7

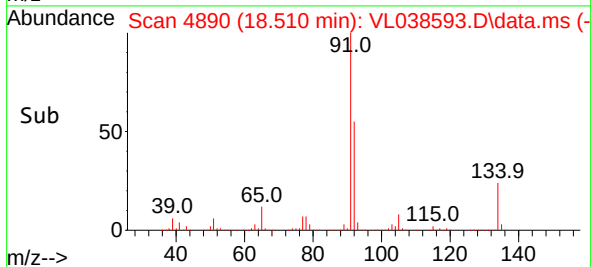
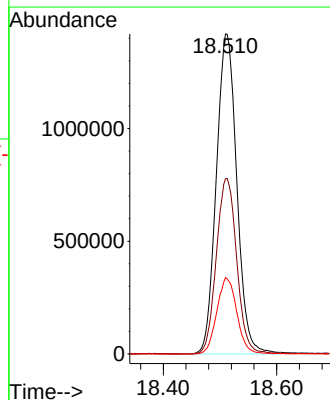
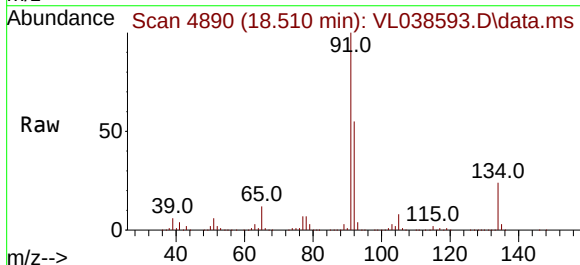
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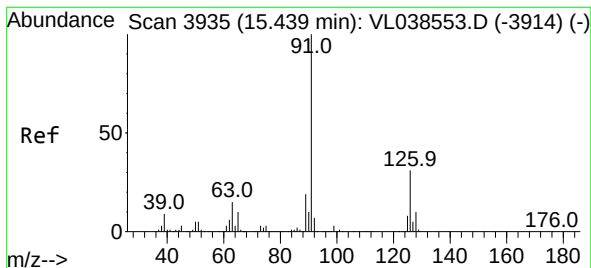
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#70
n-Butylbenzene
Concen: 10.353 ppbv
RT: 18.510 min Scan# 4890
Delta R.T. -0.026 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

Tgt Ion: 91 Resp: 3558705
Ion Ratio Lower Upper
91 100
92 54.9 43.8 65.8
134 23.5 18.7 28.1





#71

2-Chlorotoluene

Concen: 11.057 ppbv

RT: 15.413 min Scan# 3935

Delta R.T. -0.026 min

Lab File: VL038593.D

Acq: 14 Mar 2022 12:03

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion: 91 Resp: 2516304

Ion Ratio Lower Upper

91 100

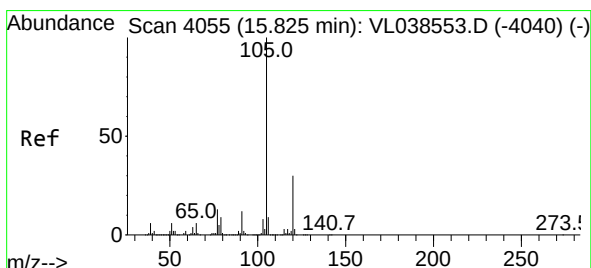
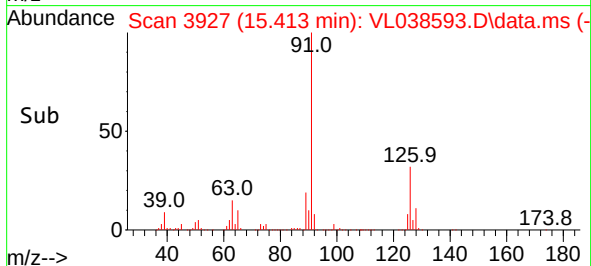
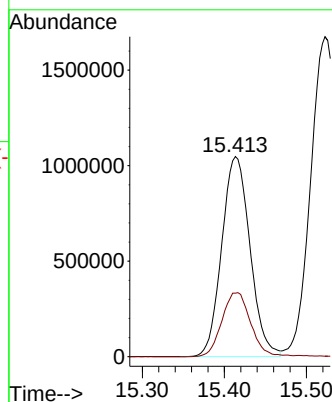
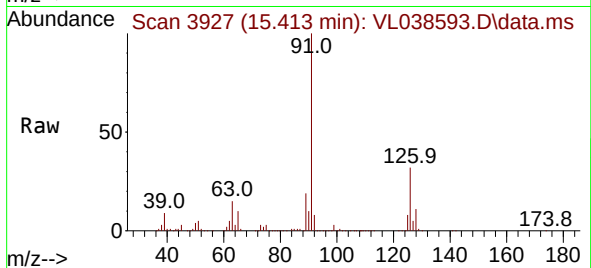
126 33.2 12.9 51.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#72

4-Ethyltoluene

Concen: 11.673 ppbv

RT: 15.802 min Scan# 4048

Delta R.T. -0.022 min

Lab File: VL038593.D

Acq: 14 Mar 2022 12:03

Tgt Ion:105 Resp: 2978560

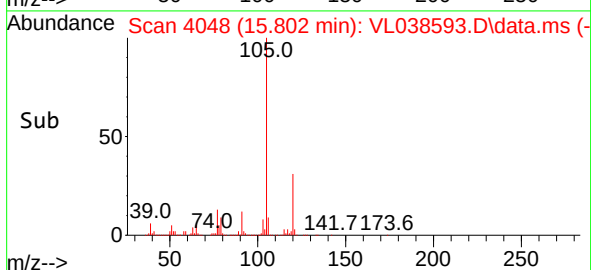
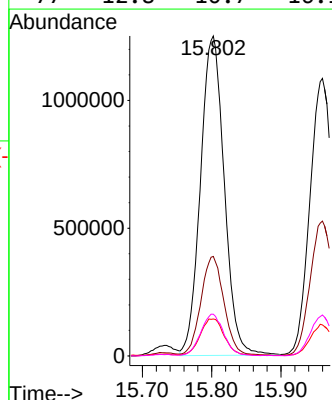
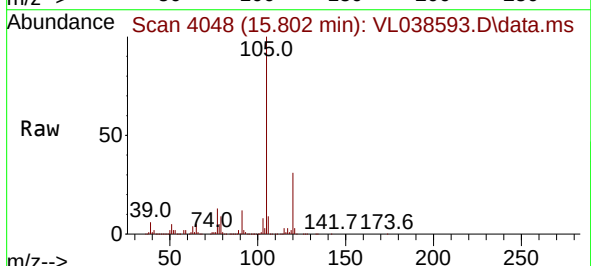
Ion Ratio Lower Upper

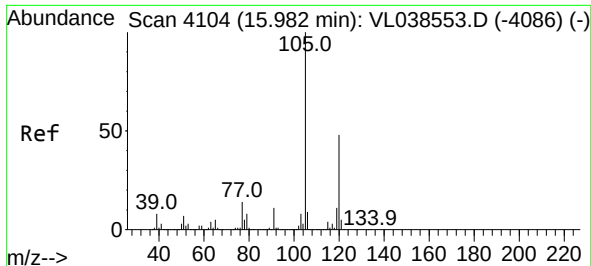
105 100

120 30.7 25.0 37.4

91 11.7 9.8 14.6

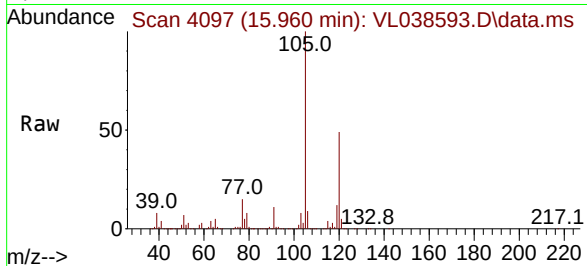
77 12.8 10.7 16.1





#73
 1,3,5-Trimethylbenzene
 Concen: 10.922 ppbv
 RT: 15.960 min Scan# 4097
 Delta R.T. -0.022 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

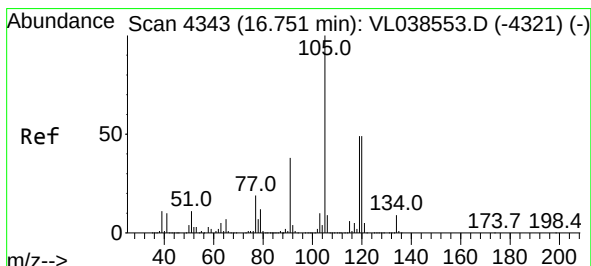
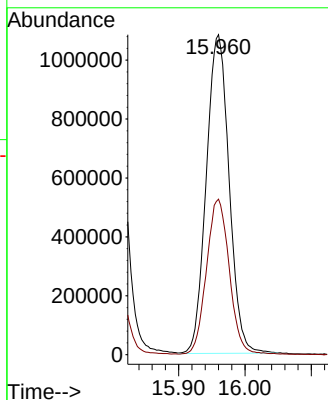
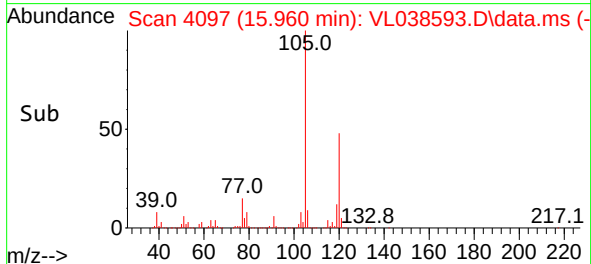
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01



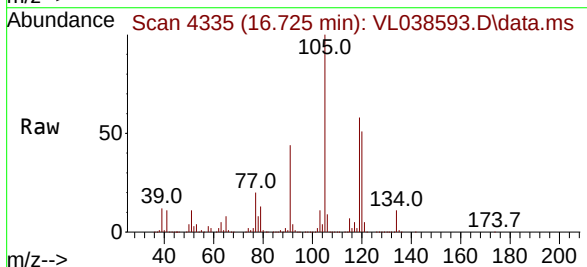
Tgt Ion:105 Resp: 2587090
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.3 57.5

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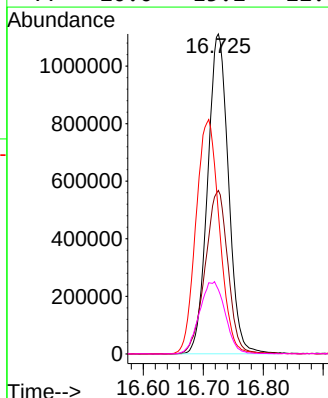
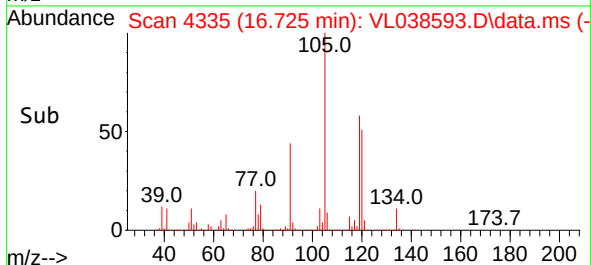
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

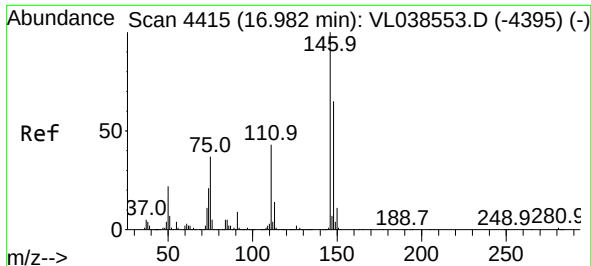


#74
 1,2,4-Trimethylbenzene
 Concen: 10.601 ppbv
 RT: 16.725 min Scan# 4335
 Delta R.T. -0.026 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03



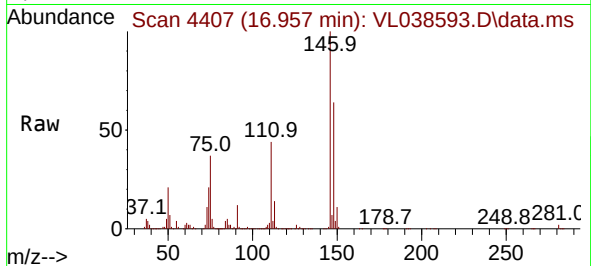
Tgt Ion:105 Resp: 2682461
 Ion Ratio Lower Upper
 105 100
 120 51.0 38.9 58.3
 91 43.9 30.6 46.0
 77 20.0 15.2 22.8





#75
1,3-Dichlorobenzene
Concen: 10.785 ppbv
RT: 16.957 min Scan# 4415
Delta R.T. -0.026 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03

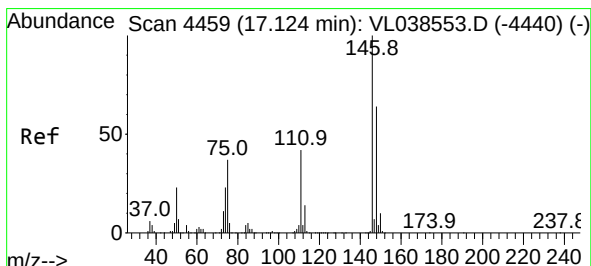
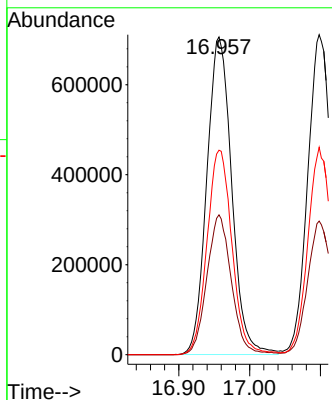
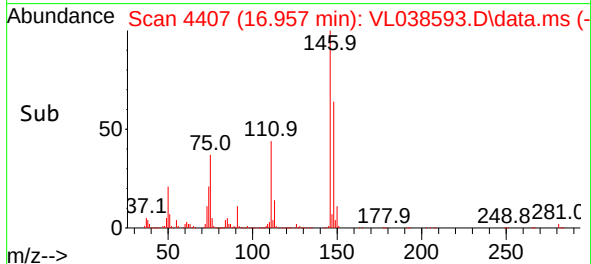
Instrument :
MSVOA_L
ClientSampleId :
VL0314ABS01



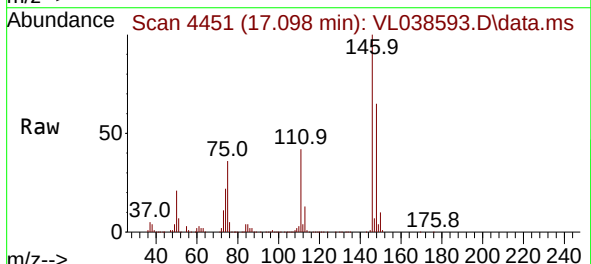
Tgt Ion:146 Resp: 172184
Ion Ratio Lower Upper
146 100
111 43.5 21.9 65.8
148 64.9 32.2 96.6

Manual Integrations
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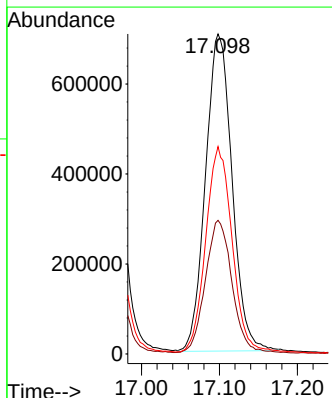
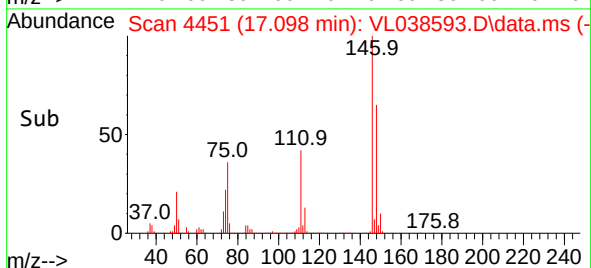
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

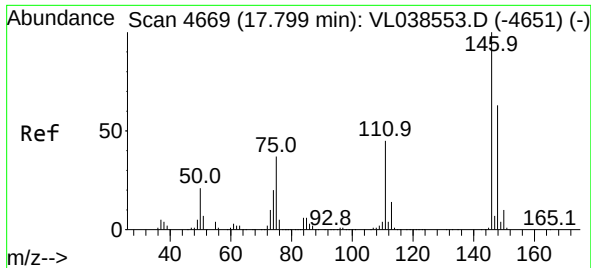


#76
1,4-Dichlorobenzene
Concen: 10.560 ppbv
RT: 17.098 min Scan# 4451
Delta R.T. -0.026 min
Lab File: VL038593.D
Acq: 14 Mar 2022 12:03



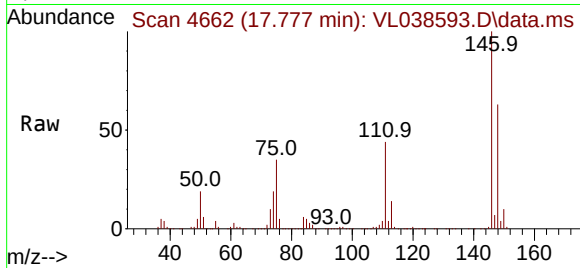
Tgt Ion:146 Resp: 1669901
Ion Ratio Lower Upper
146 100
111 43.3 21.8 65.3
148 66.5 32.8 98.4





#77
 1,2-Dichlorobenzene
 Concen: 10.276 ppbv
 RT: 17.777 min Scan# 4662
 Delta R.T. -0.022 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

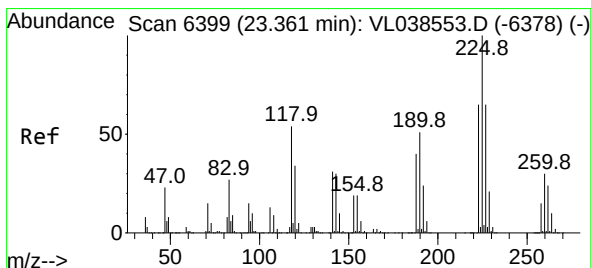
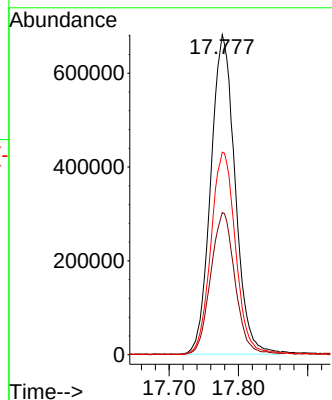
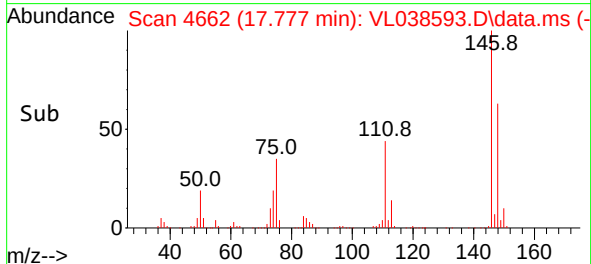
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01



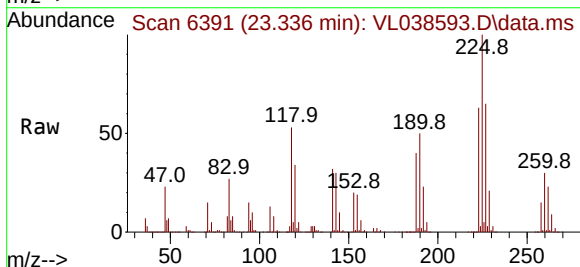
Tgt Ion:146 Resp: 1659829
 Ion Ratio Lower Upper
 146 100
 111 44.8 23.2 69.5
 148 64.3 32.6 98.0

Manual Integrations
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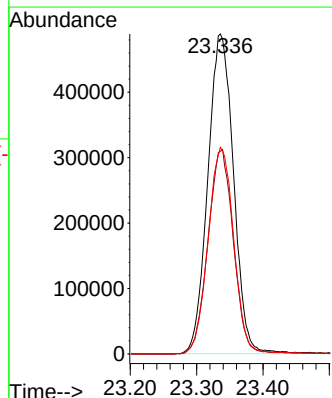
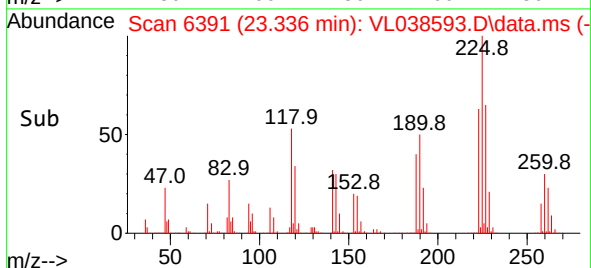
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

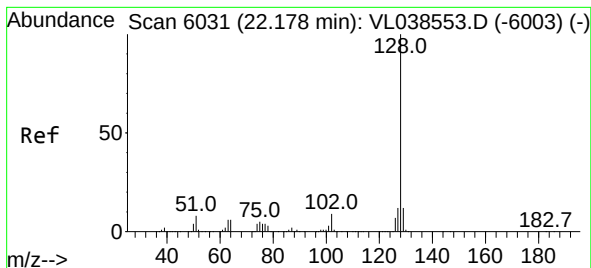


#78
 Hexachloro-1,3-Butadiene
 Concen: 8.329 ppbv
 RT: 23.336 min Scan# 6391
 Delta R.T. -0.026 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03



Tgt Ion:225 Resp: 1312188
 Ion Ratio Lower Upper
 225 100
 223 64.0 51.4 77.0
 227 65.0 51.9 77.9





#79

Naphthalene

Concen: 10.932 ppbv

RT: 22.146 min Scan# 6031

Delta R.T. -0.032 min

Lab File: VL038593.D

Acq: 14 Mar 2022 12:03

Instrument :

MSVOA_L

ClientSampleId :

VL0314ABS01

Tgt Ion:128 Resp: 248866

Ion Ratio Lower Upper

128 100

127 12.4 9.9 14.9

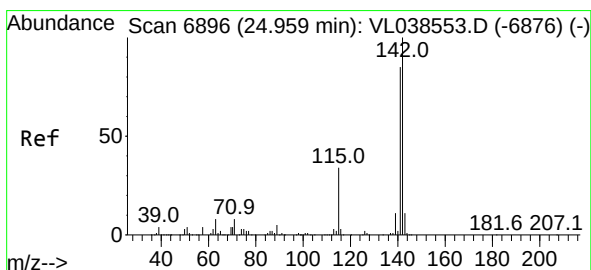
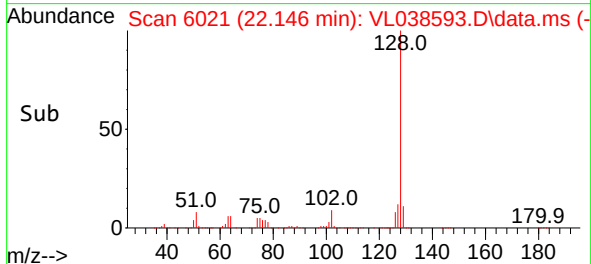
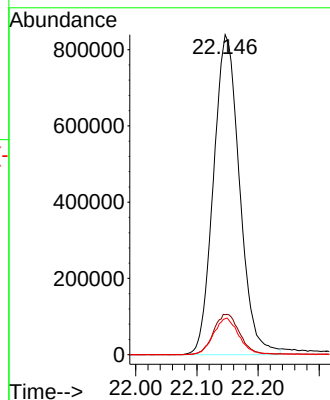
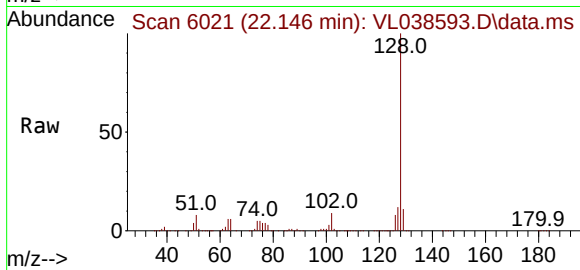
129 11.3 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#80

Naphthalene,2-methyl-

Concen: 14.899 ppbv

RT: 24.940 min Scan# 6890

Delta R.T. -0.019 min

Lab File: VL038593.D

Acq: 14 Mar 2022 12:03

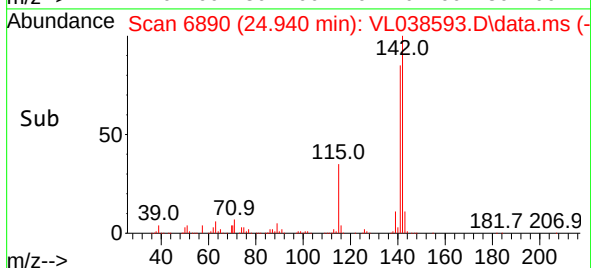
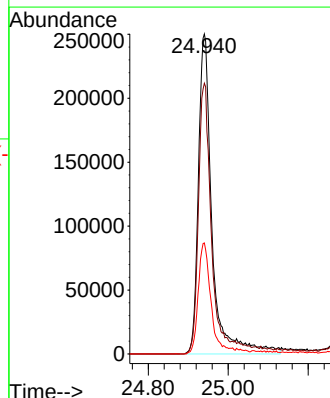
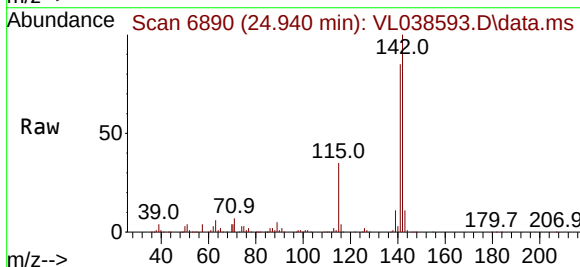
Tgt Ion:142 Resp: 598652

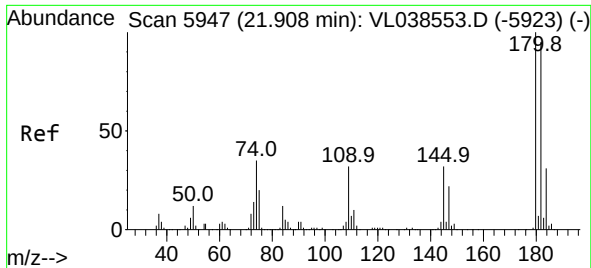
Ion Ratio Lower Upper

142 100

141 86.4 68.4 102.6

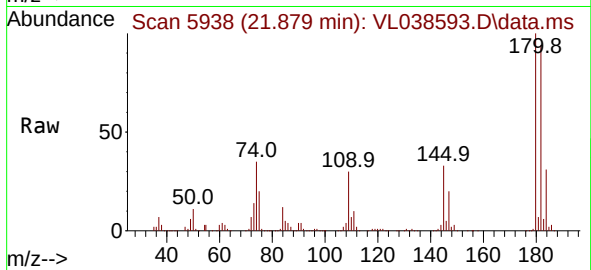
115 33.4 27.9 41.9





#81
 1,2,4-Trichlorobenzene
 Concen: 9.565 ppbv
 RT: 21.879 min Scan# 5938
 Delta R.T. -0.029 min
 Lab File: VL038593.D
 Acq: 14 Mar 2022 12:03

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABS01



Tgt Ion:180 Resp: 1391315
 Ion Ratio Lower Upper
 180 100
 182 97.9 79.1 118.7
 184 30.8 25.0 37.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

