

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038651.D
 Acq On : 21 Mar 2022 14:31
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/22/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 21 15:07:44 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 2022

QLast Update : Mon Mar 21 15:04:50 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	984828	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	2447127	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	2170318	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.407 95 1649419 9.996 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	80728	0.543	ppbv	98
3) Chlorodifluoromethane	2.992	51	53136	0.306	ppbv	98
4) Chloromethane	3.140	50	29204	0.454	ppbv	99
5) Vinyl Chloride	3.256	62	28062	0.434	ppbv	98
6) Bromomethane	3.478	94	15089m	0.435	ppbv	
7) Chloroethane	3.558	64	10406m	0.497	ppbv	
8) Dichlorotetrafluoroethane	3.189	85	71692m	0.497	ppbv	
9) Propene	3.015	41	26497m	0.432	ppbv	
10) Heptane	8.114	43	51799	0.353	ppbv	91
11) Trichlorofluoromethane	3.947	101	60375	0.463	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.481	101	46575m	0.459	ppbv	
13) Ethanol	3.619	45	3488m	0.496	ppbv	
14) Bromoethene	3.742	108	19759m	0.457	ppbv	
15) Acetone	3.864	43	44611m	0.642	ppbv	
16) 1,3-Butadiene	3.333	39	24599m	0.441	ppbv	
17) tert-Butyl alcohol	4.304	59	40051m	0.531	ppbv	
18) 1,1-Dichloroethene	4.288	96	20573m	0.453	ppbv	
19) Isopropyl Alcohol	3.986	45	25822m	0.557	ppbv	
20) Methylene Chloride	4.343	84	19987m	0.478	ppbv	
21) Allyl Chloride	4.410	41	31008m	0.463	ppbv	
22) trans-1,2-Dichloroethene	4.886	96	20979m	0.441	ppbv	
23) Vinyl Acetate	5.079	43	42088m	0.423	ppbv	
24) 1,1-Dichloroethane	5.012	63	41617m	0.460	ppbv	
25) Ethyl Acetate	5.680	43	103892m	0.444	ppbv	
26) Hexane	5.687	57	47112m	0.429	ppbv	
27) Carbon Disulfide	4.549	76	43487m	0.397	ppbv	
28) Methyl tert-Butyl Ether	5.047	73	34454m	0.385	ppbv	
29) Chloroform	5.748	83	78776m	0.461	ppbv	
30) Cyclohexane	7.131	84	41770m	0.440	ppbv	
31) cis-1,2-Dichloroethene	5.549	61	42847m	0.408	ppbv	
32) 1,1,1-Trichloroethane	6.504	97	68839	0.415	ppbv	95
34) 2-Butanone	5.262	43	50539	0.797	ppbv	98
35) Carbon Tetrachloride	7.015	117	69094	0.414	ppbv	99
36) Benzene	6.886	78	90736	0.411	ppbv	96
37) 1,2-Dichloroethane	6.304	62	48006	0.455	ppbv	97
38) Trichloroethene	7.825	130	41268m	0.468	ppbv	
39) 1,2-Dichloropropane	7.606	63	38394	0.452	ppbv	97
40) 1,4-Dioxane	7.870	88	13286m	0.625	ppbv	
41) Tetrahydrofuran	6.073	42	33414m	0.644	ppbv	
42) Bromodichloromethane	7.787	83	70008	0.418	ppbv	94
43) Methyl Methacrylate	8.012	69	30590m	0.404	ppbv	
44) 2,2,4-Trimethylpentane	7.864	57	155233	0.416	ppbv	97
45) t-1,3-Dichloropropene	9.272	75	28371m	0.519	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022

Quant Time: Mar 21 15:07:44 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 2022

QLast Update : Mon Mar 21 15:04:50 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.693	75	39591m	0.530	ppbv	
47) 1,1,2-Trichloroethane	9.468	97	40944m	0.473	ppbv	
48) Dibromochloromethane	10.298	129	54585	0.397	ppbv	98
49) Bromoform	13.031	173	43177m	0.410	ppbv	
50) 4-Methyl-2-Pentanone	8.754	43	80593m	0.620	ppbv	
51) 2-Hexanone	10.150	43	54302m	0.988	ppbv	
52) Tetrachloroethene	11.214	164	33565m	0.415	ppbv	
53) Toluene	9.799	91	87565m	0.371	ppbv	
54) 1,2-Dibromoethane	10.603	107	51709m	0.418	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.121	131	47392m	0.536	ppbv	
57) Chlorobenzene	12.137	112	83352	0.503	ppbv	98
58) Ethyl Benzene	12.703	91	113337m	0.403	ppbv	
59) m/p-Xylene	12.989	91	211111m	0.878	ppbv	
60) o-Xylene	13.687	91	98604m	0.434	ppbv	
61) Styrene	13.513	104	43717	0.391	ppbv	96
62) Isopropylbenzene	14.661	105	152991	0.488	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.667	83	80446m	0.419	ppbv	
64) n-propylbenzene	15.558	120	38881m	0.487	ppbv	
65) tert-Butylbenzene	16.735	119	136451	0.487	ppbv	96
66) Benzyl Chloride	16.976	91	20977m	1.263	ppbv	
67) sec-Butylbenzene	17.288	105	191641	0.481	ppbv	97
69) p-Isopropyltoluene	17.641	119	150594m	0.456	ppbv	
70) n-Butylbenzene	18.542	91	152483	0.434	ppbv	97
71) 2-Chlorotoluene	15.442	91	109802	0.472	ppbv	98
72) 4-Ethyltoluene	15.828	105	109742	0.421	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.986	105	104753m	0.432	ppbv	
74) 1,2,4-Trimethylbenzene	16.751	105	118699m	0.459	ppbv	
75) 1,3-Dichlorobenzene	16.985	146	77818m	0.477	ppbv	
76) 1,4-Dichlorobenzene	17.127	146	74534m	0.461	ppbv	
77) 1,2-Dichlorobenzene	17.809	146	78466m	0.475	ppbv	
78) Hexachloro-1,3-Butadiene	23.368	225	79903m	0.496	ppbv	
79) Naphthalene	22.188	128	73799m	0.317	ppbv	
80) Naphthalene,2-methyl-	24.969	142	16806m	0.409	ppbv	
81) 1,2,4-Trichlorobenzene	21.924	180	55424m	0.373	ppbv	

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

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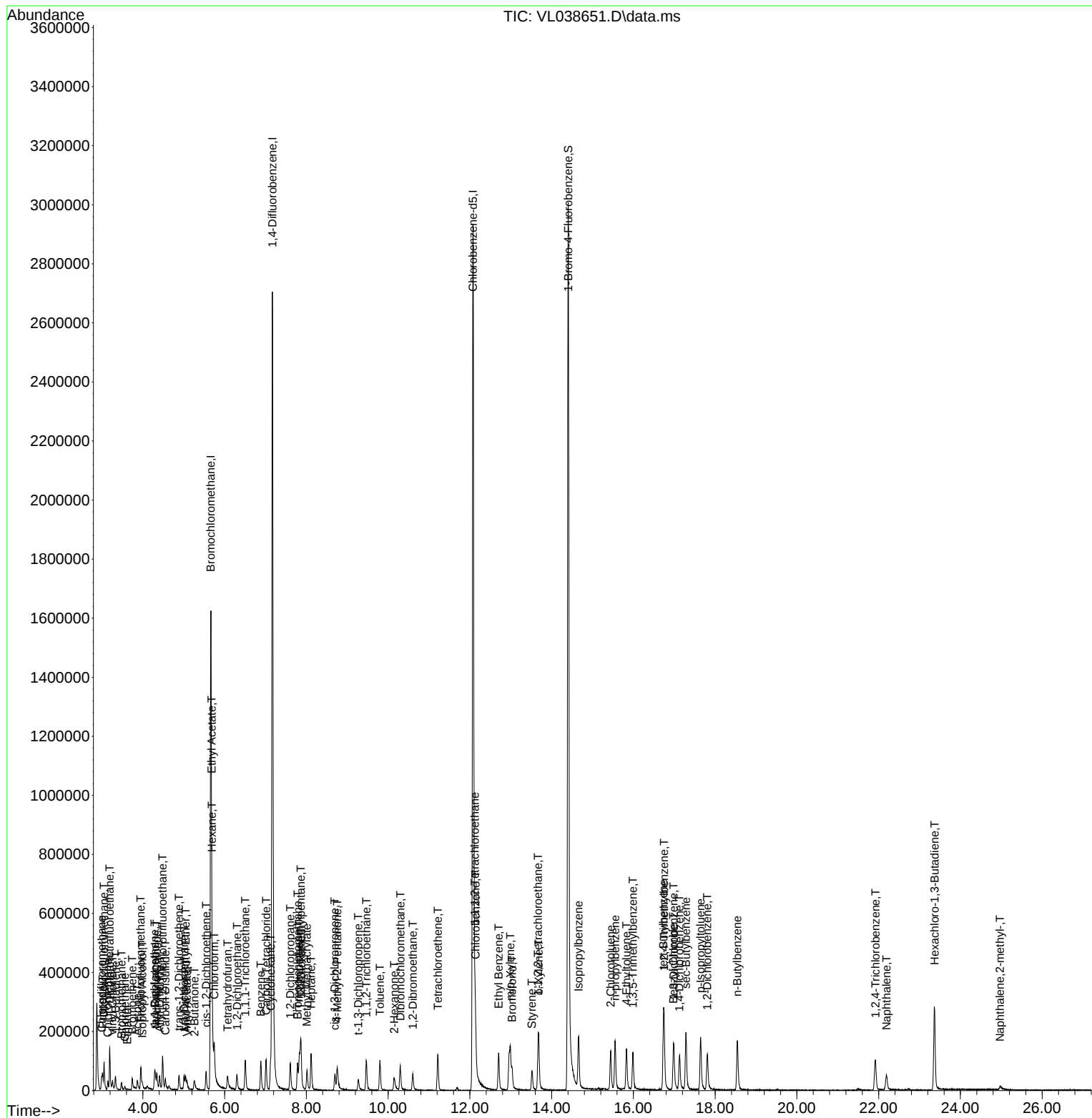
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar

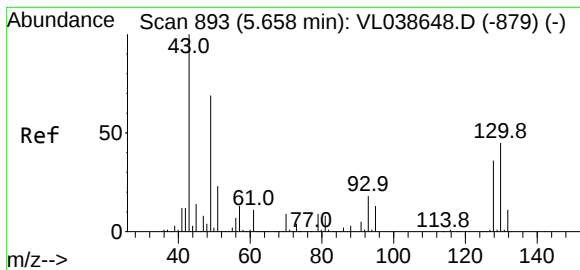
QLast Update : Mon Mar 21 15:04:50 2022

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Manual Integrations APPROVED

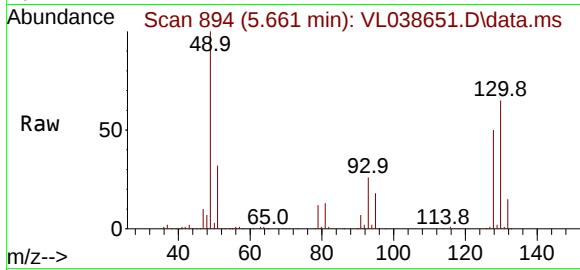
Reviewed By : Semsettin Yesilyurt 03/22/2022
 Supervised By : Mahesh Dadoda 03/24/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 894
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

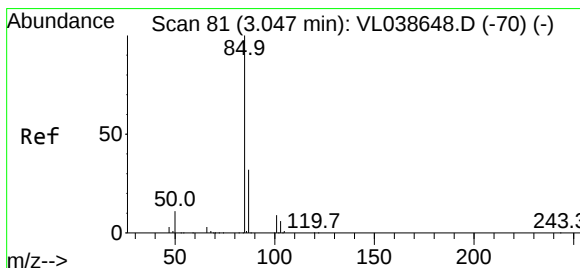
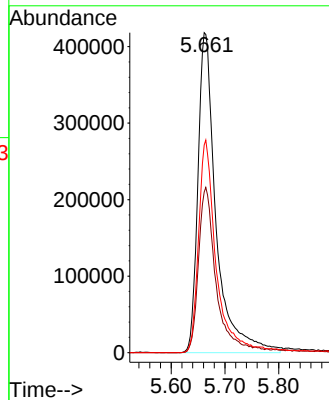
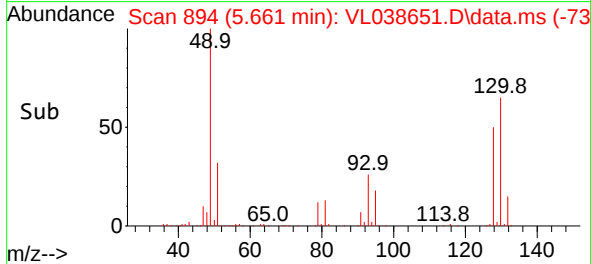
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 984828
Ion Ratio Lower Upper
49 100
128 52.0 26.2 78.6
130 66.3 33.7 101.1

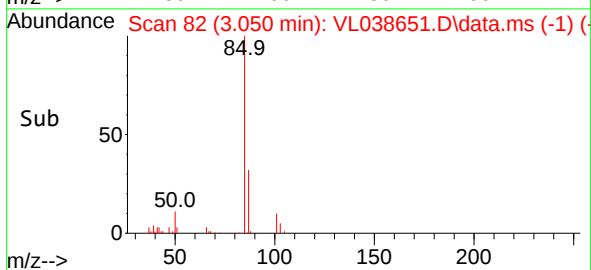
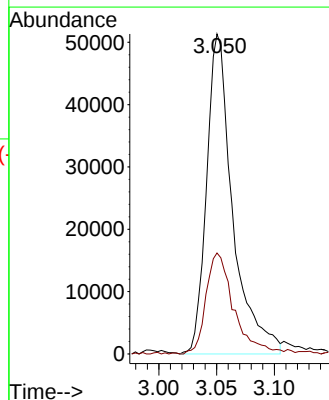
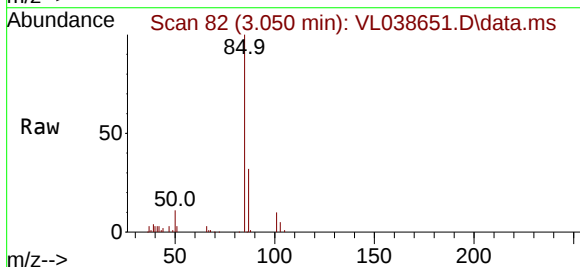
Manual Integrations
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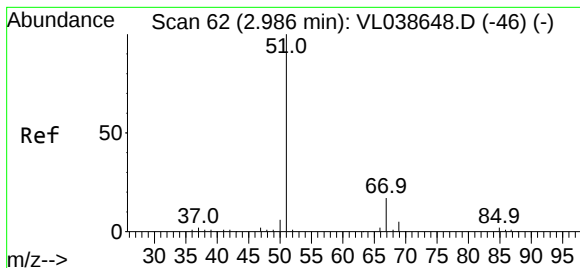
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#2
Dichlorodifluoromethane
Concen: 0.543 ppbv
RT: 3.050 min Scan# 82
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

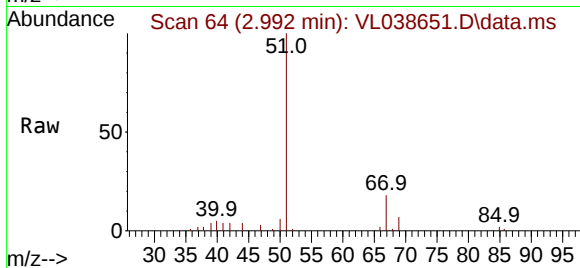
Tgt Ion: 85 Resp: 80728
Ion Ratio Lower Upper
85 100
87 31.5 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.306 ppbv
RT: 2.992 min Scan# 64
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

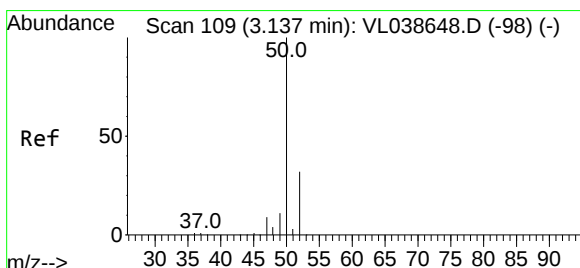
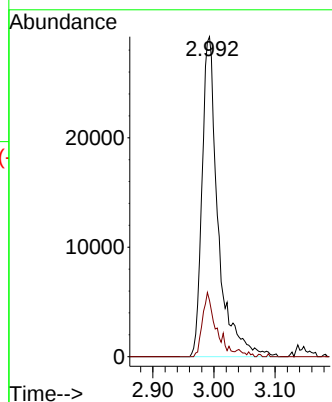
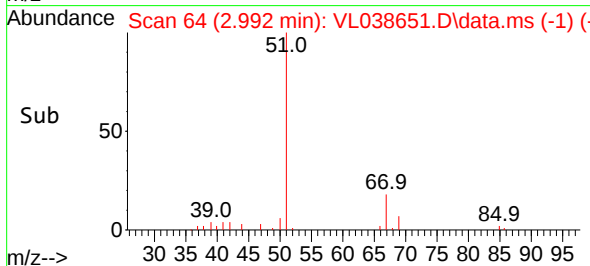
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



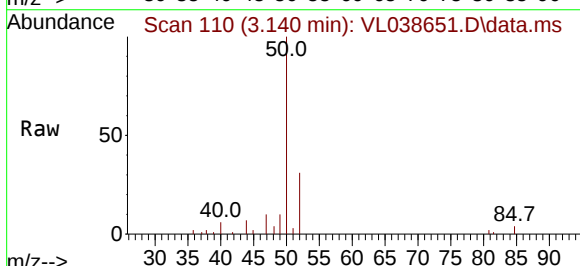
Tgt Ion: 51 Resp: 53130
Ion Ratio Lower Upper
51 100
67 18.3 14.1 21.1

Manual Integrations
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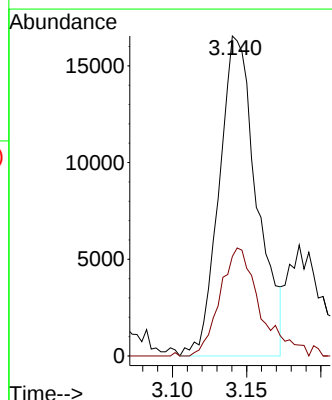
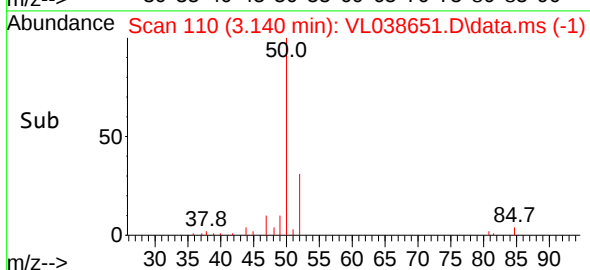
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

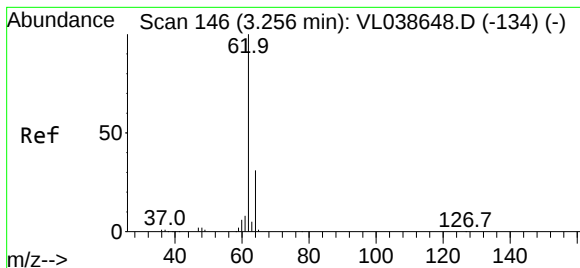


#4
Chloromethane
Concen: 0.454 ppbv
RT: 3.140 min Scan# 110
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31



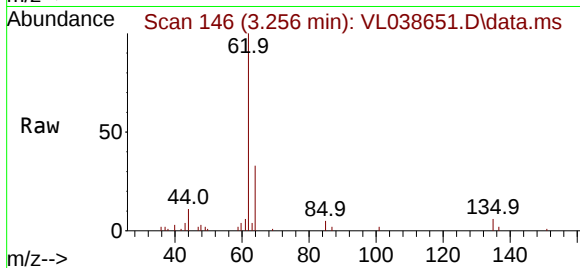
Tgt Ion: 50 Resp: 29204
Ion Ratio Lower Upper
50 100
52 31.1 25.5 38.3





#5
 Vinyl Chloride
 Concen: 0.434 ppbv
 RT: 3.256 min Scan# 146
 Delta R.T. -0.000 min
 Lab File: VL038651.D
 Acq: 21 Mar 2022 14:31

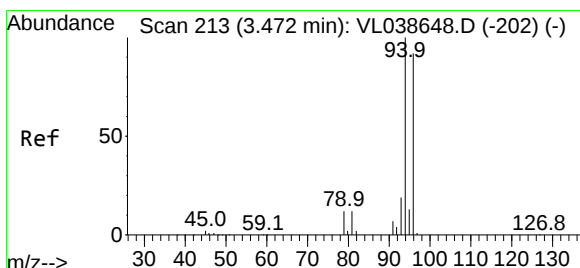
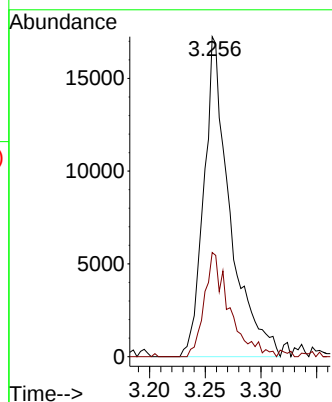
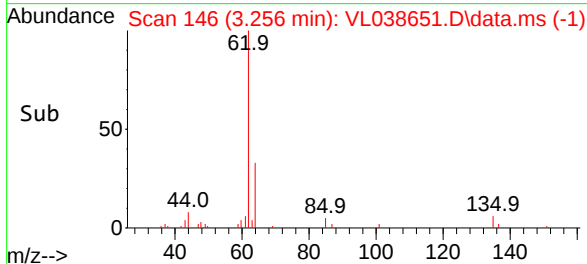
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 28062
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.0 37.4

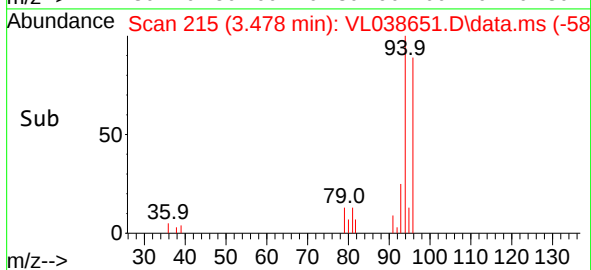
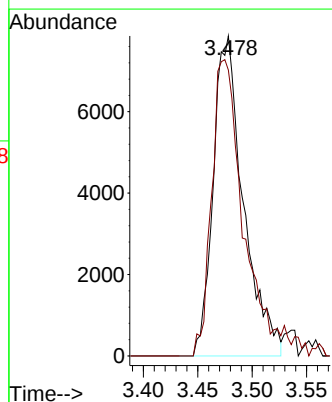
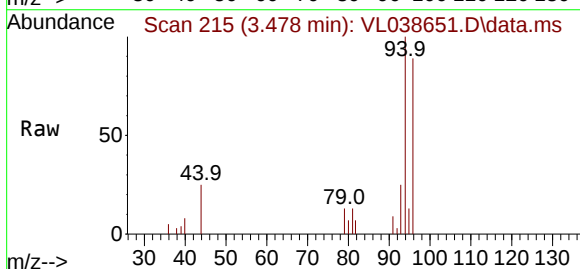
Manual Integrations
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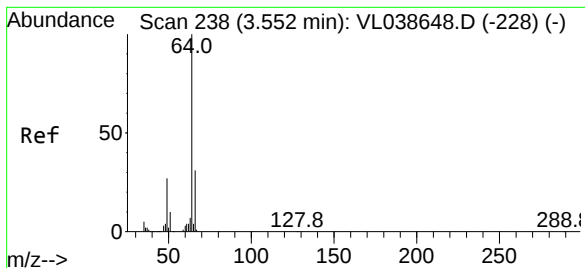
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#6
 Bromomethane
 Concen: 0.435 ppbv m
 RT: 3.478 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VL038651.D
 Acq: 21 Mar 2022 14:31

Tgt Ion: 94 Resp: 15089
 Ion Ratio Lower Upper
 94 100
 96 89.4 73.3 109.9





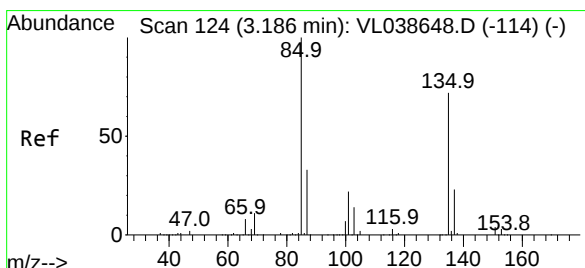
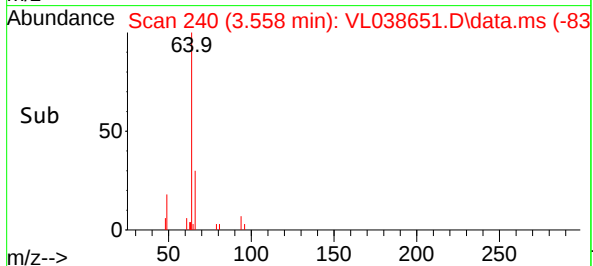
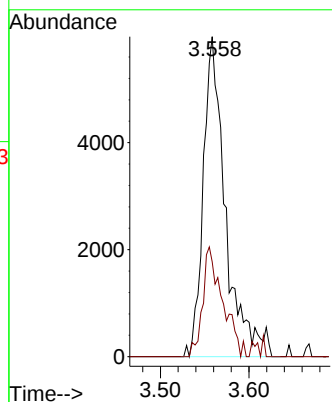
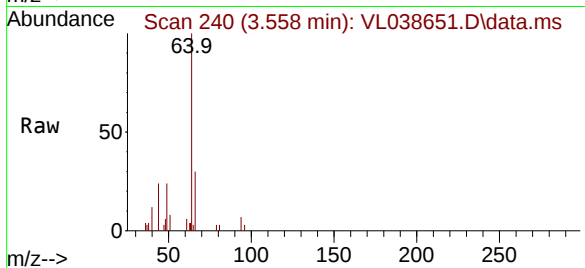
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Chloroethane
Concen: 0.497 ppbv m
RT: 3.558 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 10400
Ion Ratio Lower Upper
64 100
66 29.6 25.0 37.6

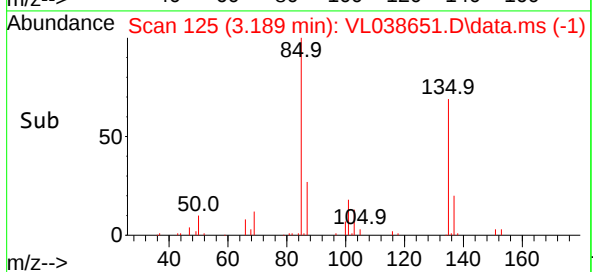
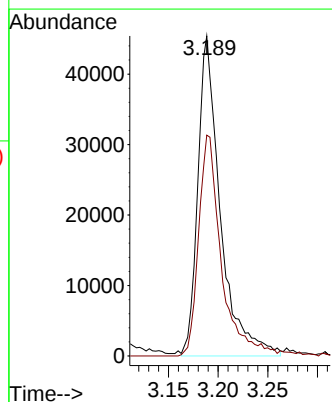
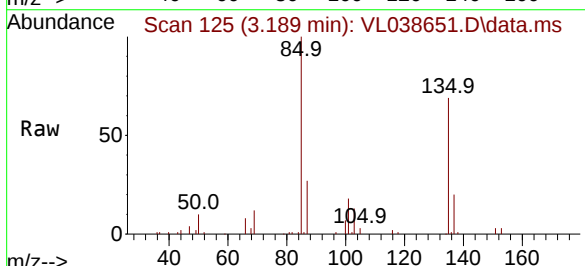
Manual Integrations
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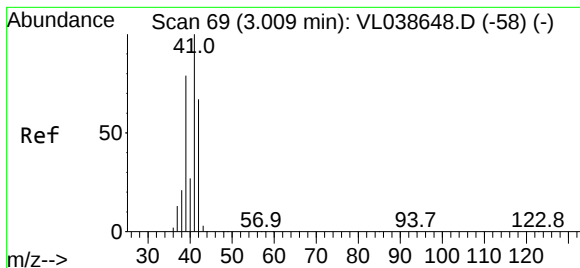
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#8
Dichlorotetrafluoroethane
Concen: 0.497 ppbv m
RT: 3.189 min Scan# 125
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Tgt Ion: 85 Resp: 71692
Ion Ratio Lower Upper
85 100
135 71.0 57.8 86.6





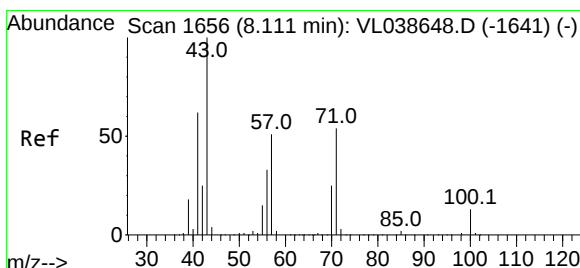
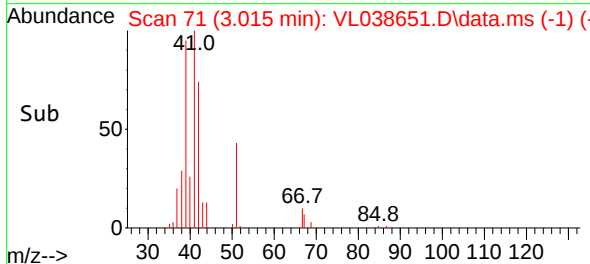
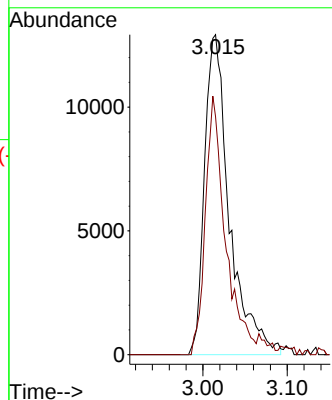
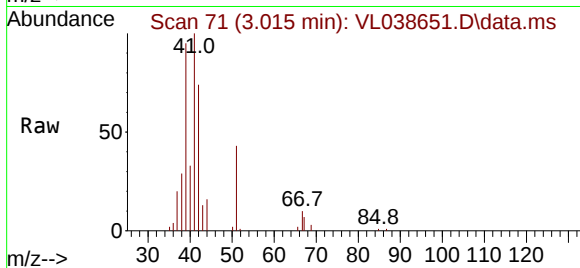
#9
Propene
Concen: 0.432 ppbv m
RT: 3.015 min Scan# 71
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 41 Resp: 2649
Ion Ratio Lower Upper
41 100
42 69.5 56.2 84.4

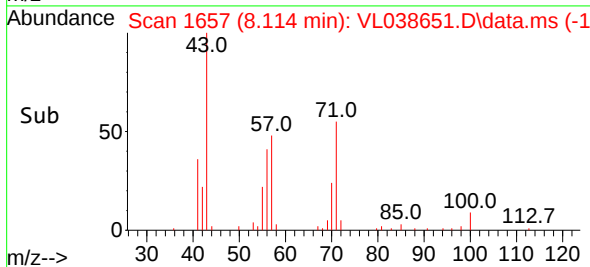
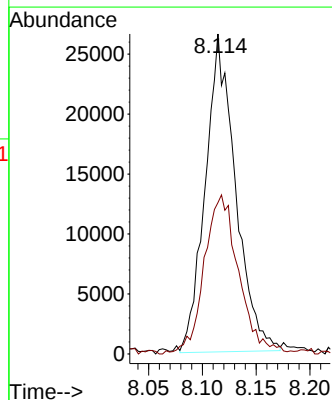
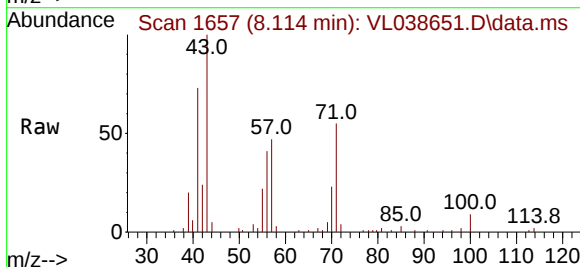
Manual Integrations
APPROVED

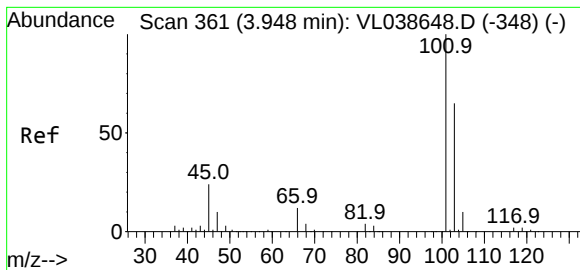
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#10
Heptane
Concen: 0.353 ppbv
RT: 8.114 min Scan# 1657
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

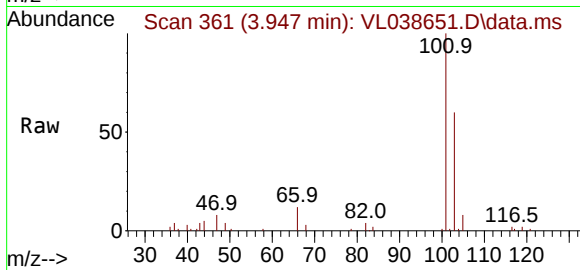
Tgt Ion: 43 Resp: 51799
Ion Ratio Lower Upper
43 100
57 58.0 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 0.463 ppbv
 RT: 3.947 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL038651.D
 Acq: 21 Mar 2022 14:31

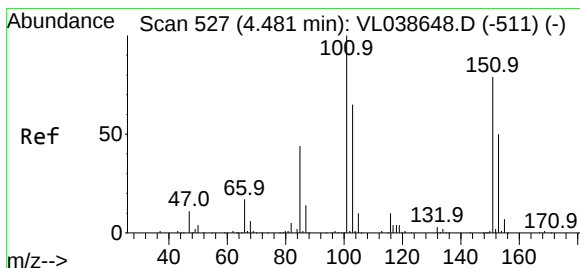
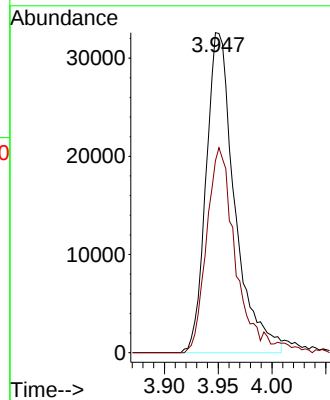
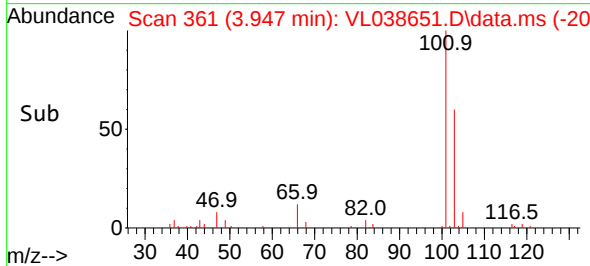
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:101 Resp: 60375
 Ion Ratio Lower Upper
 101 100
 103 60.0 51.9 77.9

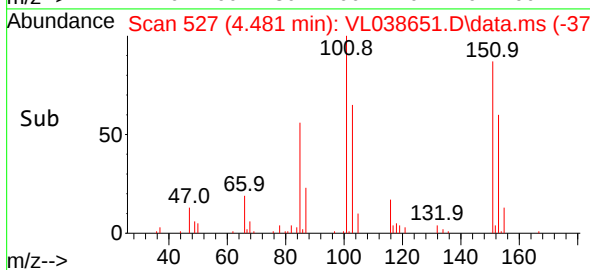
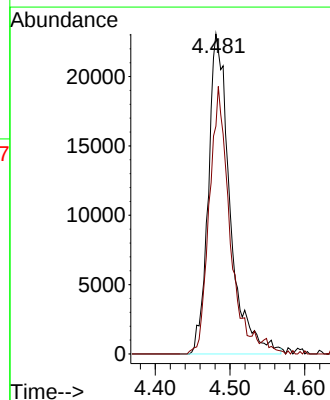
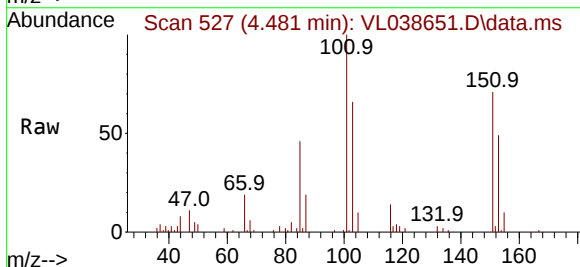
Manual Integrations
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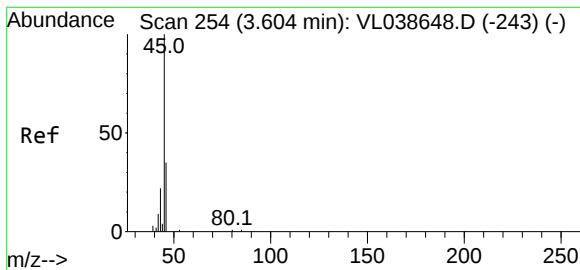
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.459 ppbv m
 RT: 4.481 min Scan# 527
 Delta R.T. -0.000 min
 Lab File: VL038651.D
 Acq: 21 Mar 2022 14:31

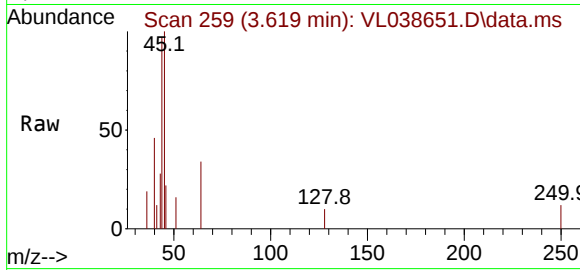
Tgt Ion:101 Resp: 46575
 Ion Ratio Lower Upper
 101 100
 151 80.3 62.9 94.3





#13
Ethanol
Concen: 0.496 ppbv m
RT: 3.619 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

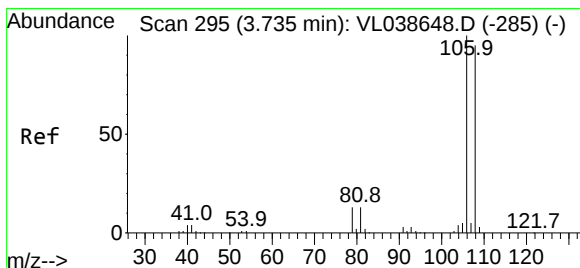
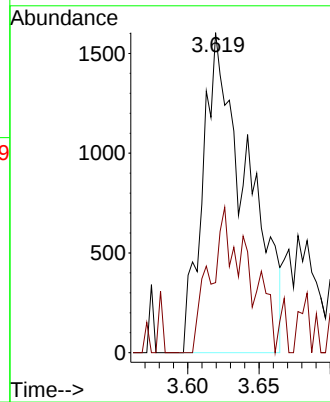
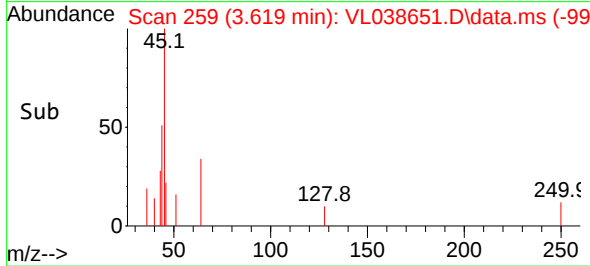
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 45 Resp: 348
Ion Ratio Lower Upper
45 100
46 0.0 15.1 60.5

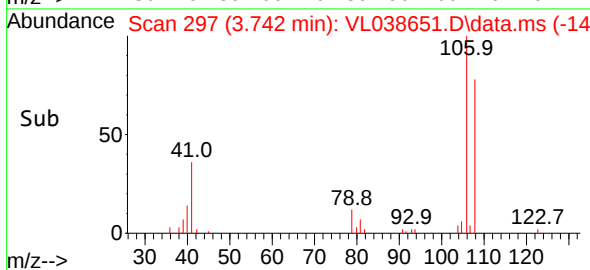
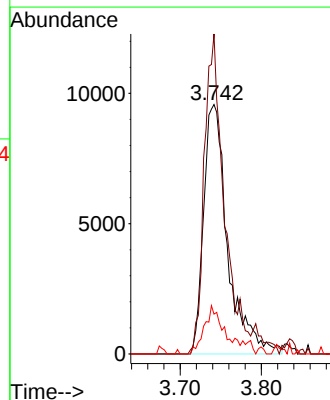
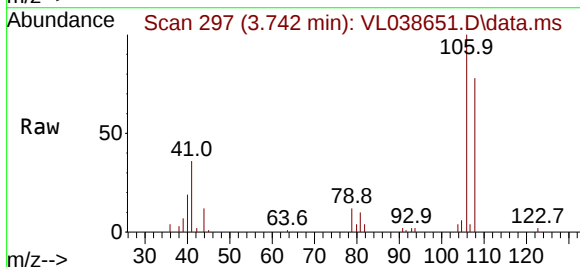
Manual Integrations
APPROVED

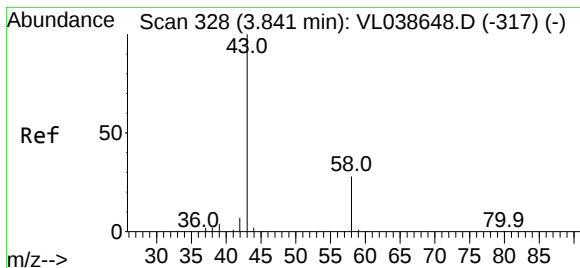
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#14
Bromoethene
Concen: 0.457 ppbv m
RT: 3.742 min Scan# 297
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Tgt Ion:108 Resp: 19759
Ion Ratio Lower Upper
108 100
106 113.2 88.3 132.5
79 18.4 11.2 16.8





#15

Acetone

Concen: 0.642 ppbv m

RT: 3.864 min Scan# 31

Delta R.T. 0.022 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 4461

Ion Ratio Lower Upper

43 100

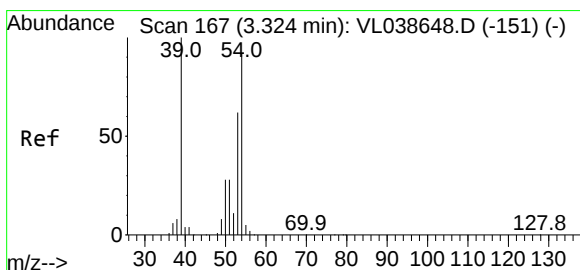
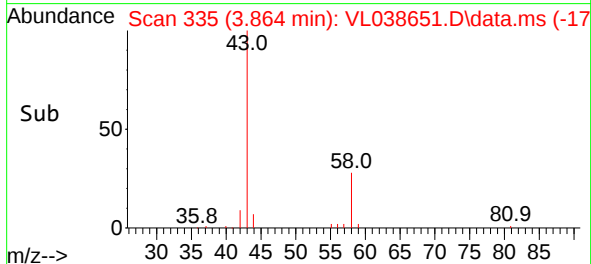
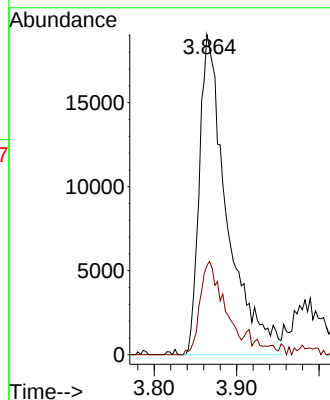
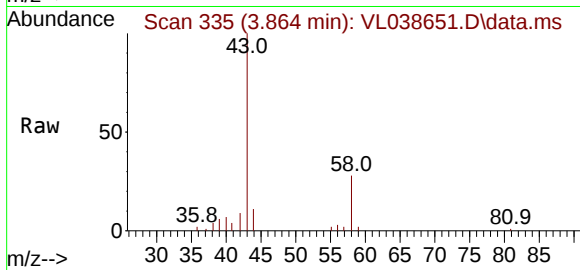
58 29.9 23.3 34.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#16

1,3-Butadiene

Concen: 0.441 ppbv m

RT: 3.333 min Scan# 170

Delta R.T. 0.009 min

Lab File: VL038651.D

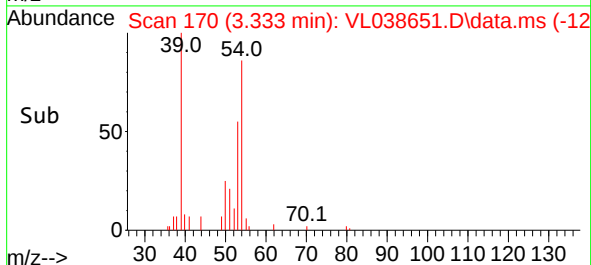
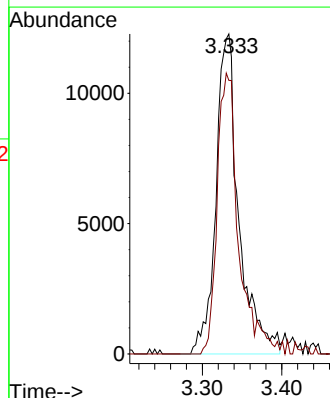
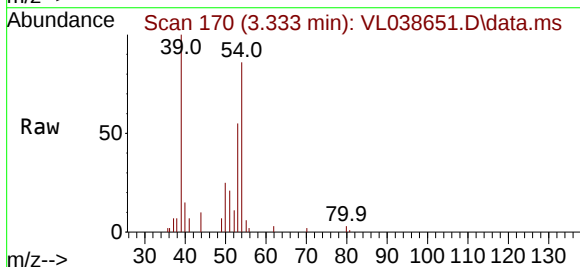
Acq: 21 Mar 2022 14:31

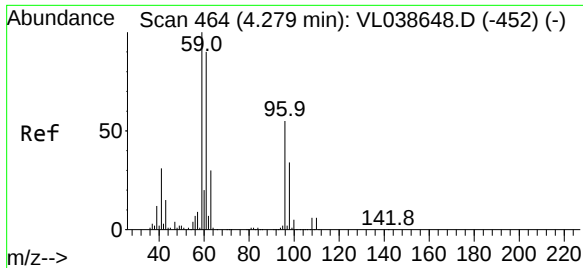
Tgt Ion: 39 Resp: 24599

Ion Ratio Lower Upper

39 100

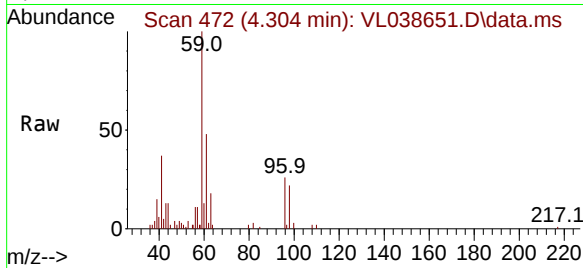
54 82.5 69.1 103.7





#17
tert-Butyl alcohol
Concen: 0.531 ppbv m
RT: 4.304 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

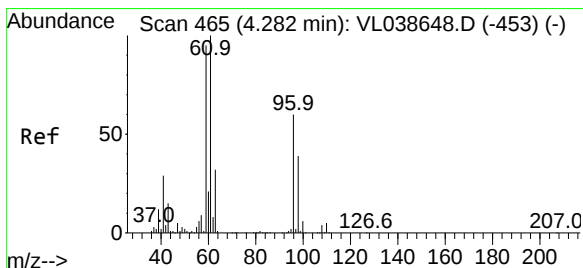
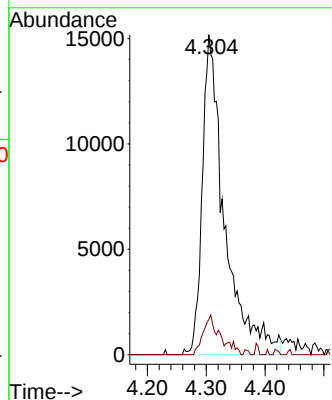
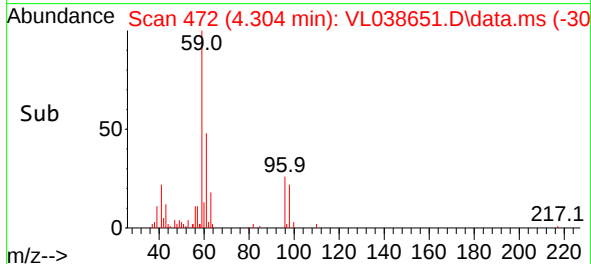
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



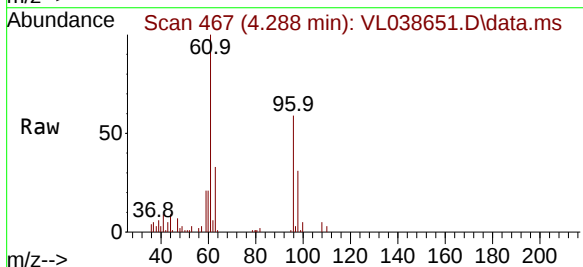
Tgt Ion: 59 Resp: 4005
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.2

Manual Integrations
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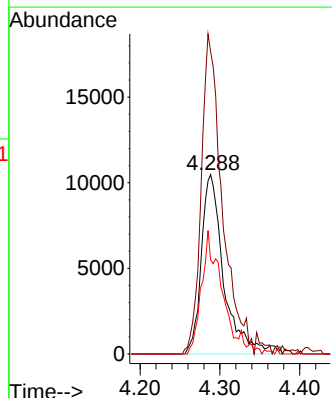
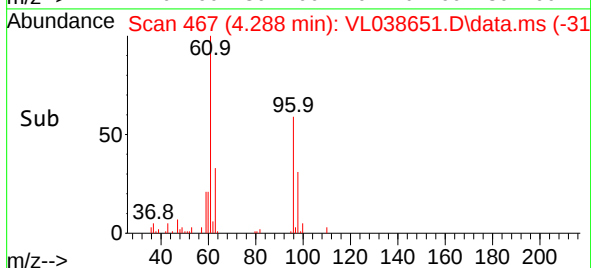
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

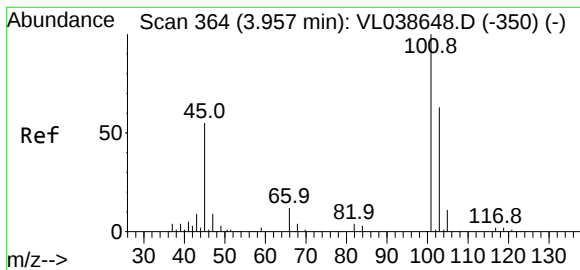


#18
1,1-Dichloroethene
Concen: 0.453 ppbv m
RT: 4.288 min Scan# 467
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31



Tgt Ion: 96 Resp: 20573
Ion Ratio Lower Upper
96 100
61 168.5 132.4 198.6
98 52.5 51.6 77.4





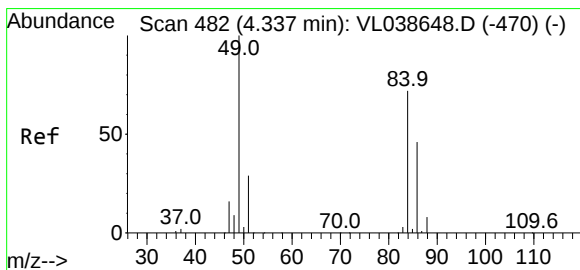
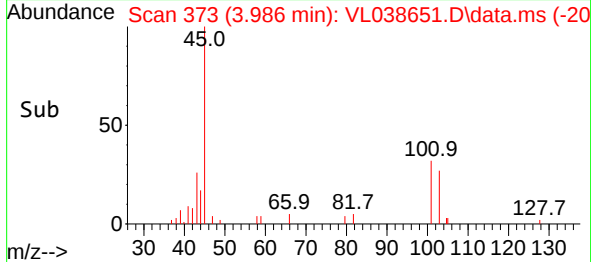
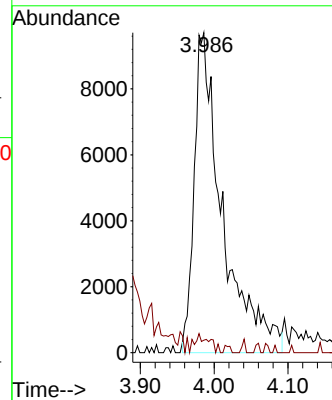
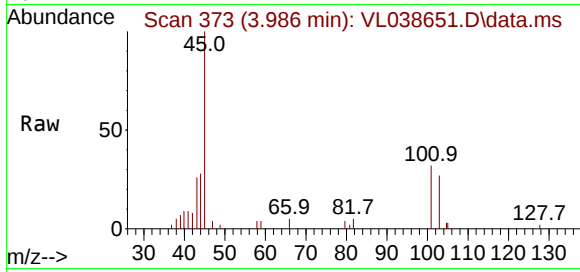
#19
Isopropyl Alcohol
Concen: 0.557 ppbv m
RT: 3.986 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 2582
Ion Ratio Lower Upper
45 100
58 3.8 2.3 3.5

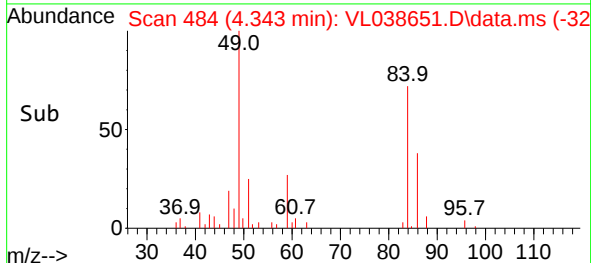
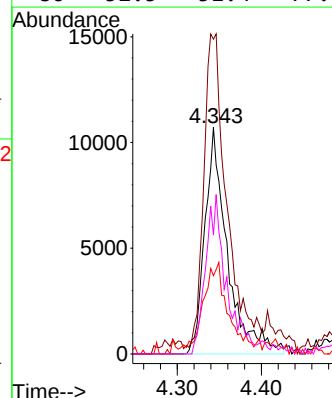
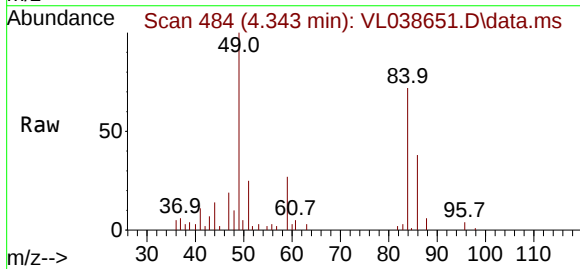
Manual Integrations
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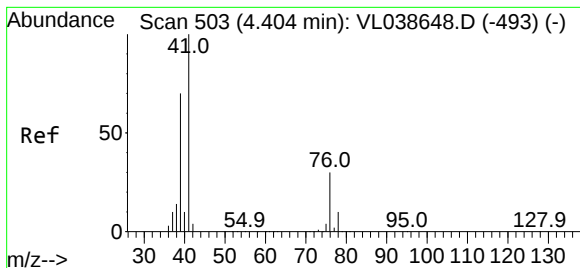
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#20
Methylene Chloride
Concen: 0.478 ppbv m
RT: 4.343 min Scan# 484
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Tgt Ion: 84 Resp: 19987
Ion Ratio Lower Upper
84 100
49 139.0 111.2 166.8
51 34.6 32.8 49.2
86 52.5 51.4 77.0





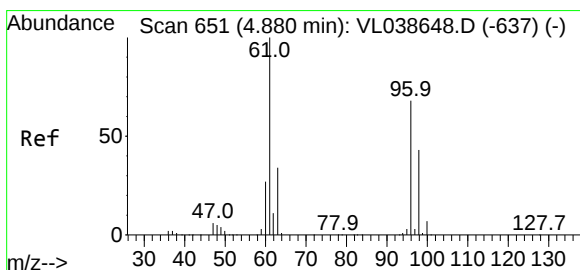
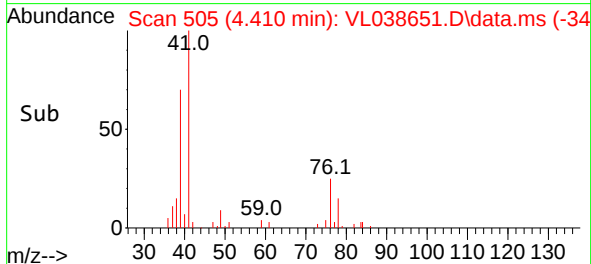
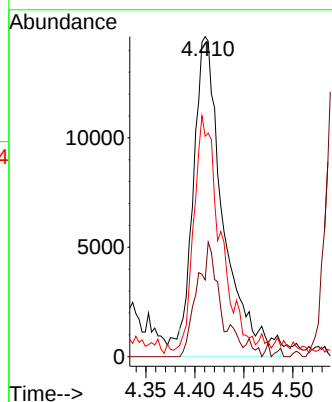
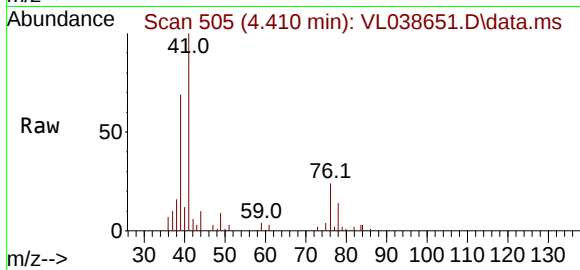
#21
 Allyl Chloride
 Concen: 0.463 ppbv m
 RT: 4.410 min Scan# 503
 Delta R.T. 0.006 min
 Lab File: VL038651.D
 Acq: 21 Mar 2022 14:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 31008
 Ion Ratio Lower Upper
 41 100
 76 30.5 25.0 37.6
 39 76.5 56.6 85.0

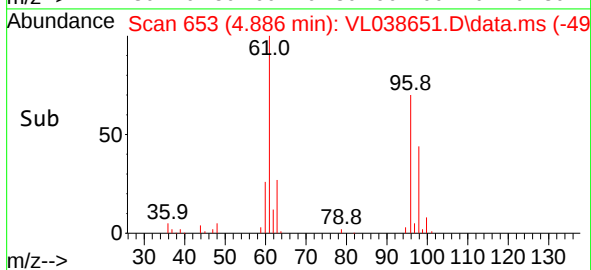
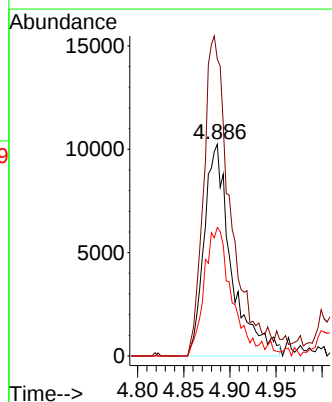
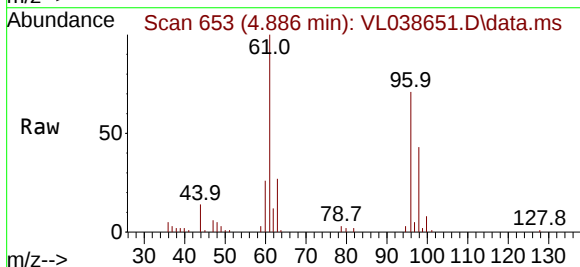
Manual Integrations
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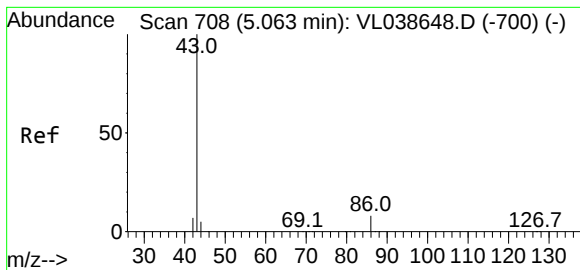
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.441 ppbv m
 RT: 4.886 min Scan# 653
 Delta R.T. 0.006 min
 Lab File: VL038651.D
 Acq: 21 Mar 2022 14:31

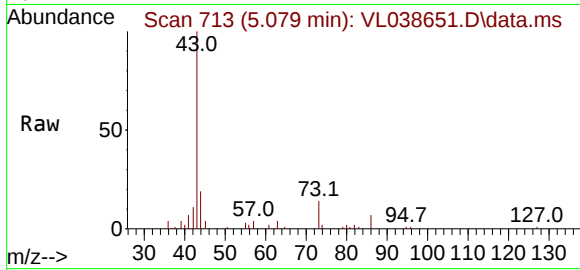
Tgt Ion: 96 Resp: 20979
 Ion Ratio Lower Upper
 96 100
 61 140.3 118.3 177.5
 98 60.7 51.3 76.9





#23
 Vinyl Acetate
 Concen: 0.423 ppbv m
 RT: 5.079 min Scan# 713
 Delta R.T. 0.016 min
 Lab File: VL038651.D
 Acq: 21 Mar 2022 14:31

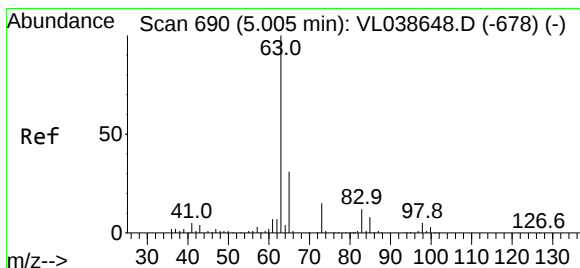
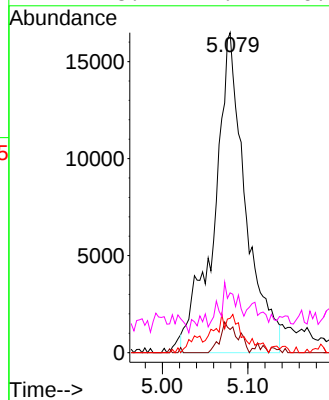
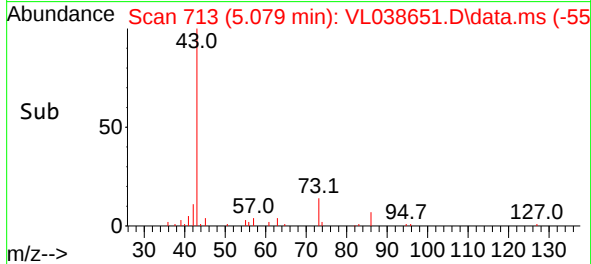
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



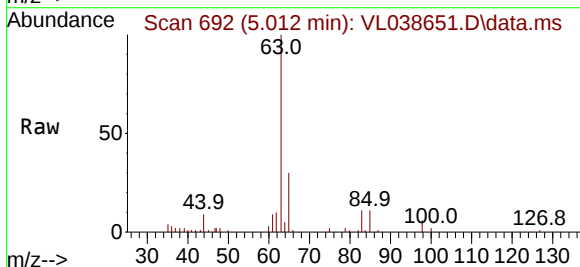
Tgt Ion: 43 Resp: 42088
 Ion Ratio Lower Upper
 43 100
 86 7.2 5.6 8.4
 42 10.7 6.8 10.2
 44 18.7 4.2 6.2

Manual Integrations
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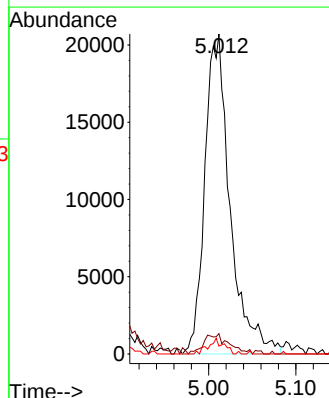
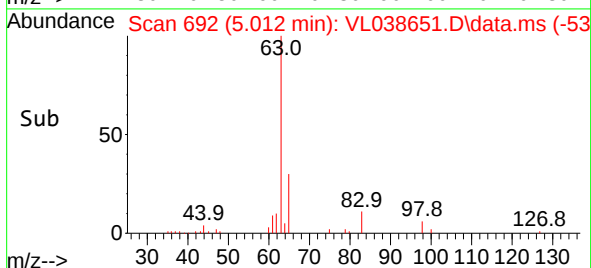
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022

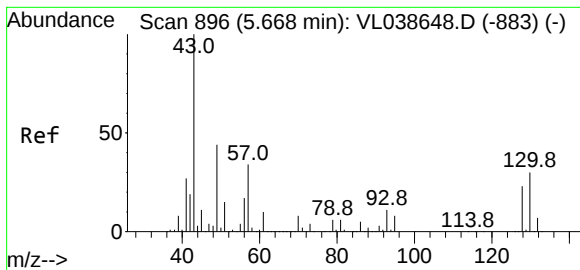


#24
 1,1-Dichloroethane
 Concen: 0.460 ppbv m
 RT: 5.012 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VL038651.D
 Acq: 21 Mar 2022 14:31



Tgt Ion: 63 Resp: 41617
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.5 7.5
 100 2.5 1.4 4.2





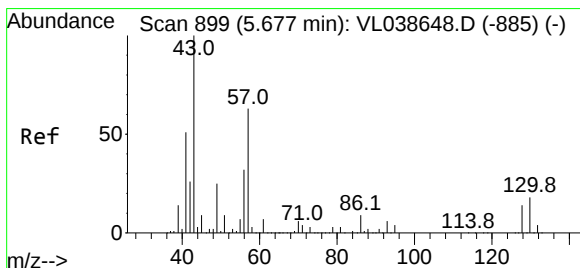
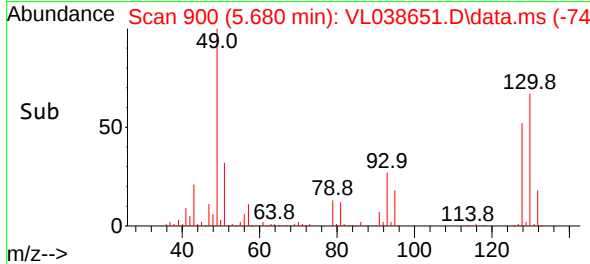
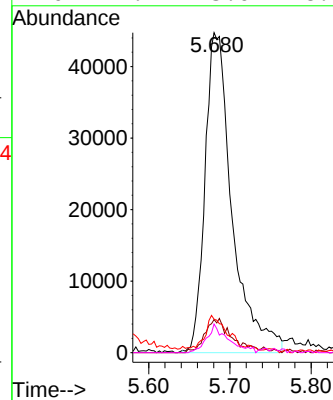
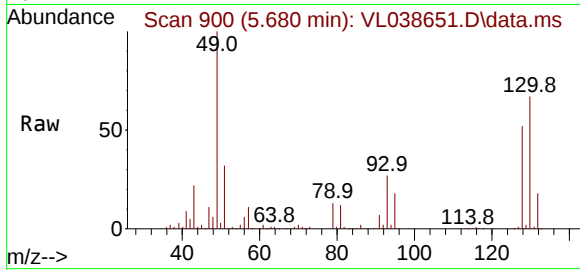
#25
Ethyl Acetate
Concen: 0.444 ppbv m
RT: 5.680 min Scan# 901
Delta R.T. 0.013 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 103892
Ion Ratio Lower Upper
43 100
45 11.4 8.2 12.4
61 12.1 8.3 12.5
70 7.4 5.6 8.4

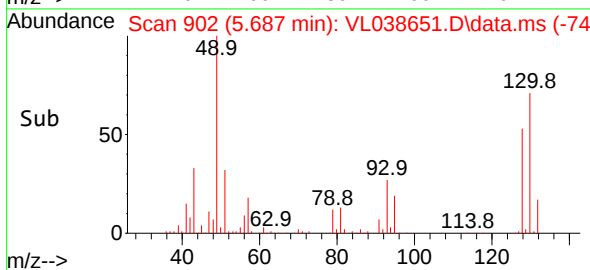
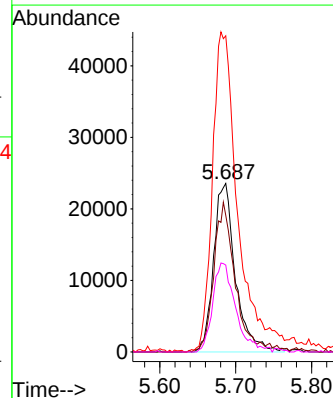
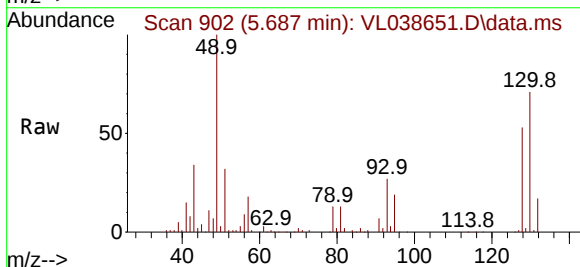
Manual Integrations
APPROVED

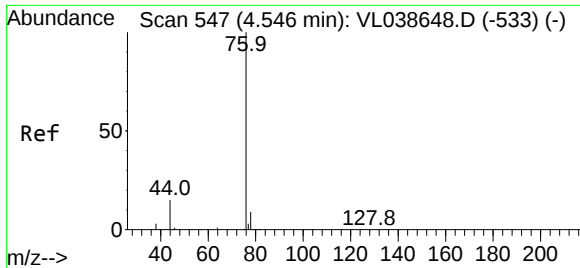
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#26
Hexane
Concen: 0.429 ppbv m
RT: 5.687 min Scan# 902
Delta R.T. 0.009 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

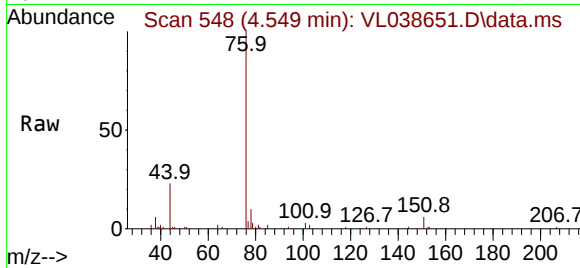
Tgt Ion: 57 Resp: 47112
Ion Ratio Lower Upper
57 100
41 89.8 67.0 100.4
43 231.6 184.2 276.2
56 55.4 42.6 64.0





#27
Carbon Disulfide
Concen: 0.397 ppbv m
RT: 4.549 min Scan# 547
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

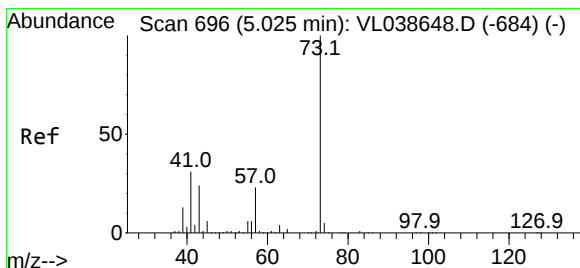
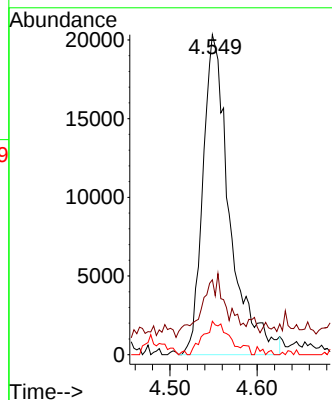
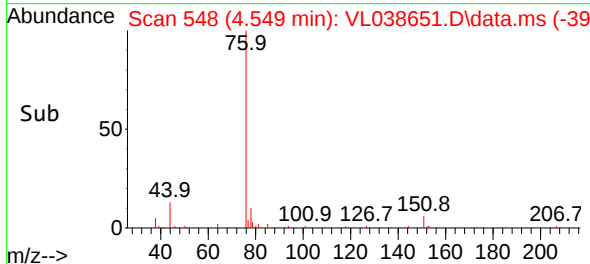
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 76 Resp: 4348
Ion Ratio Lower Upper
76 100
44 18.0 12.4 18.6
78 10.9 7.8 11.8

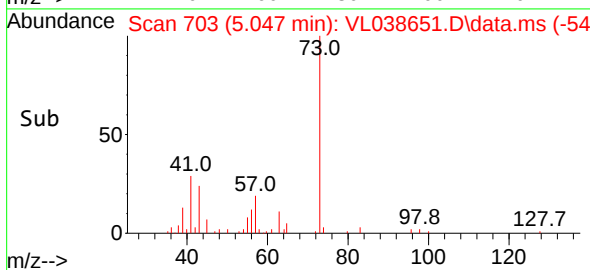
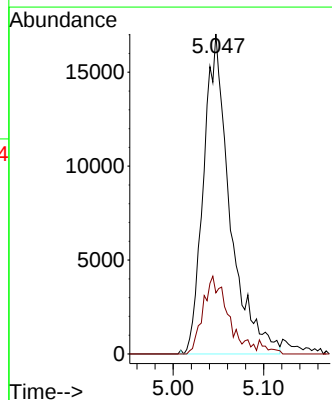
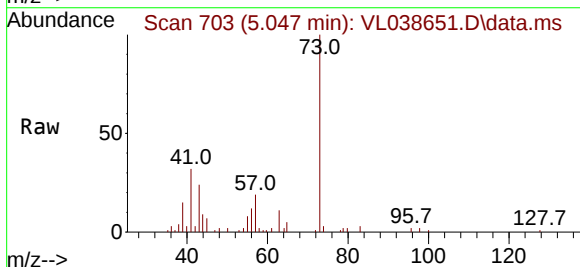
Manual Integrations
APPROVED

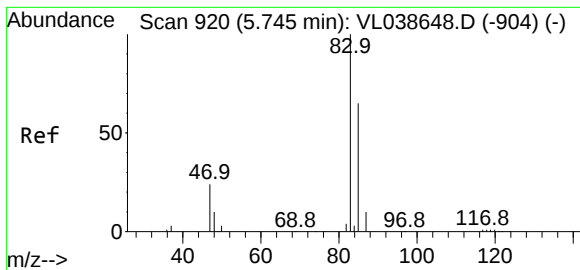
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#28
Methyl tert-Butyl Ether
Concen: 0.385 ppbv m
RT: 5.047 min Scan# 703
Delta R.T. 0.022 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Tgt Ion: 73 Resp: 34454
Ion Ratio Lower Upper
73 100
57 24.6 19.2 28.8





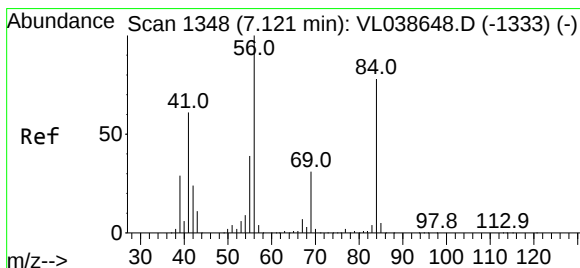
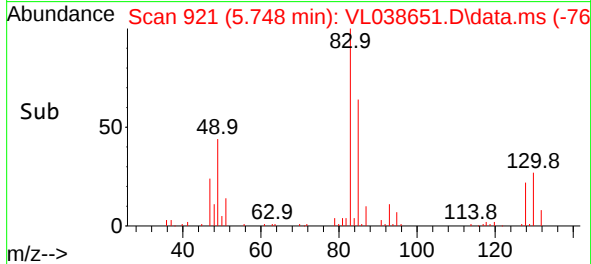
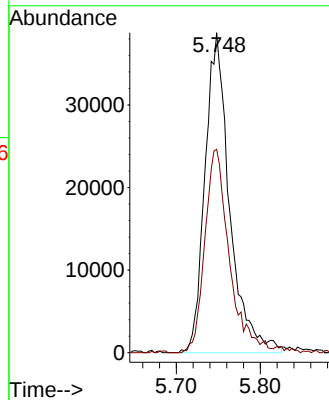
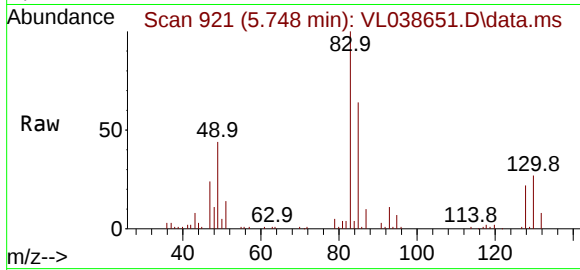
#29
Chloroform
Concen: 0.461 ppbv m
RT: 5.748 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 78770
Ion Ratio Lower Upper
83 100
85 63.5 51.7 77.5

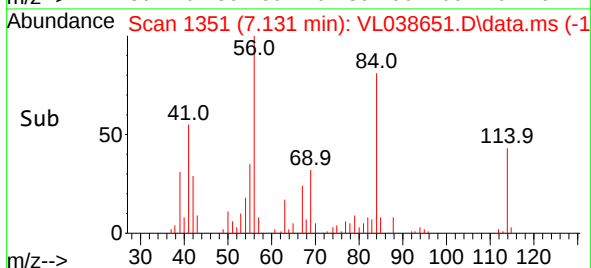
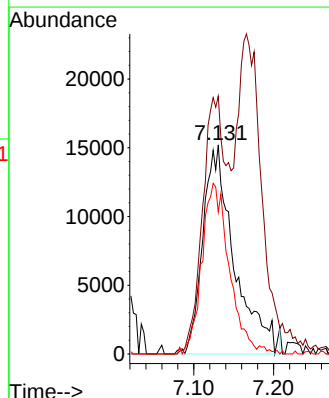
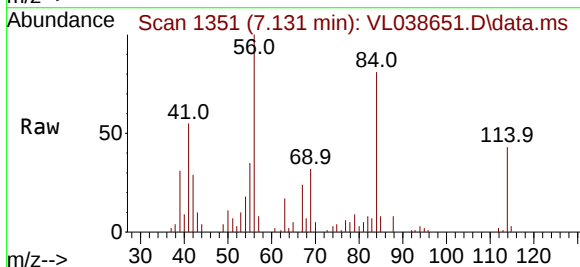
Manual Integrations
APPROVED

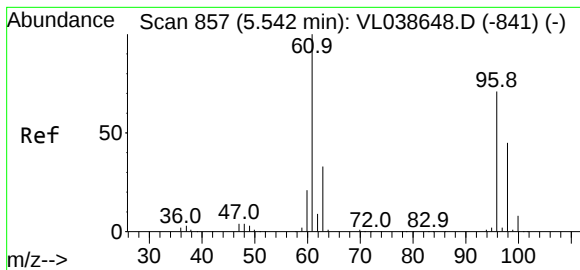
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#30
Cyclohexane
Concen: 0.440 ppbv m
RT: 7.131 min Scan# 1351
Delta R.T. 0.009 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Tgt Ion: 84 Resp: 41770
Ion Ratio Lower Upper
84 100
56 0.0 108.2 162.4#
41 71.2 61.8 92.6





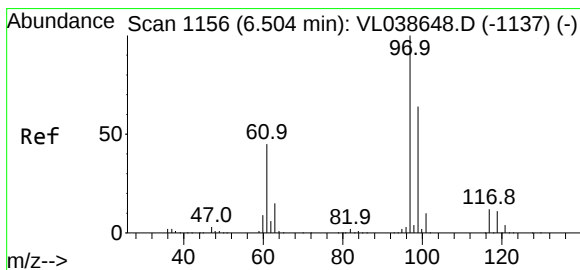
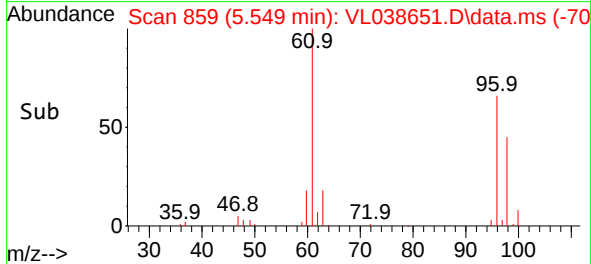
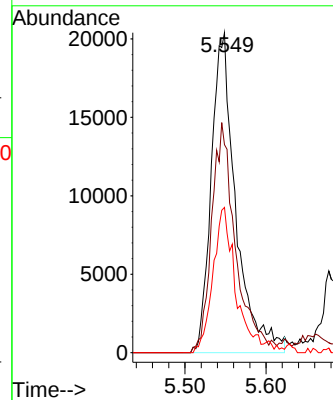
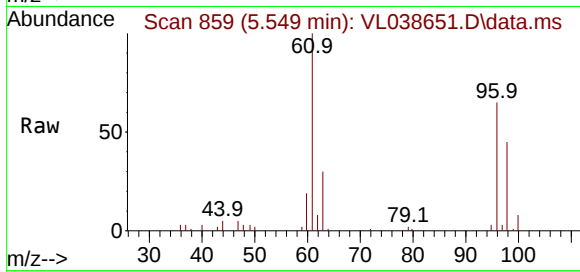
#31
cis-1,2-Dichloroethene
Concen: 0.408 ppbv m
RT: 5.549 min Scan# 859
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 61 Resp: 4284
Ion Ratio Lower Upper
61 100
96 65.0 56.6 84.8
98 45.4 36.3 54.5

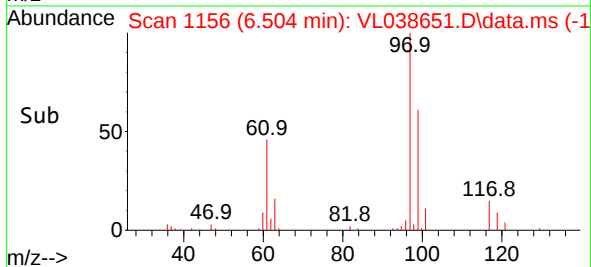
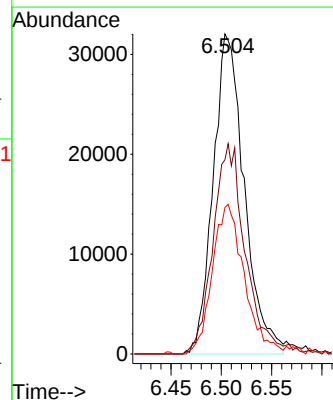
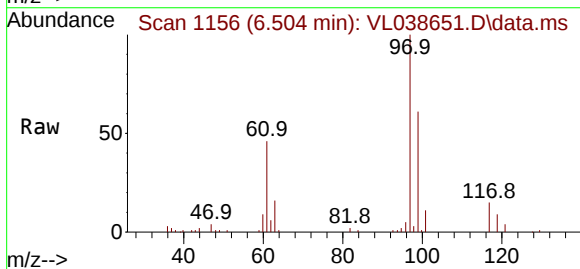
Manual Integrations
APPROVED

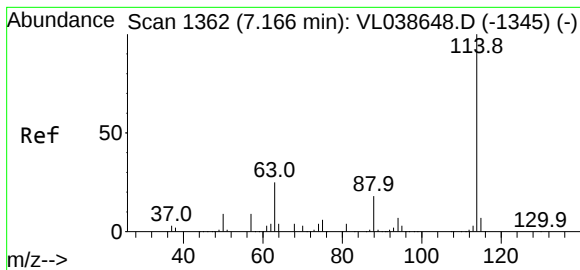
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#32
1,1,1-Trichloroethane
Concen: 0.415 ppbv
RT: 6.504 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

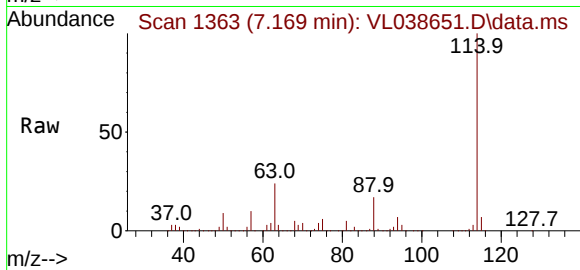
Tgt Ion: 97 Resp: 68839
Ion Ratio Lower Upper
97 100
99 68.8 51.8 77.8
61 49.4 36.7 55.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

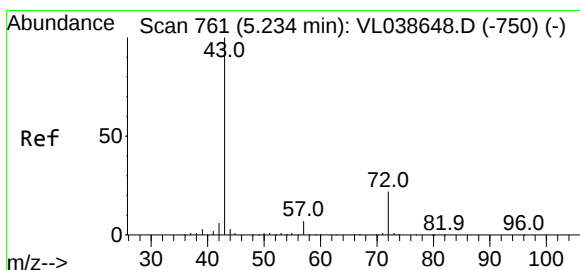
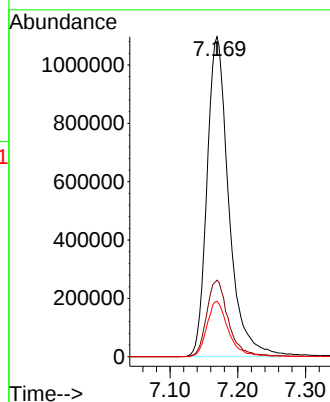
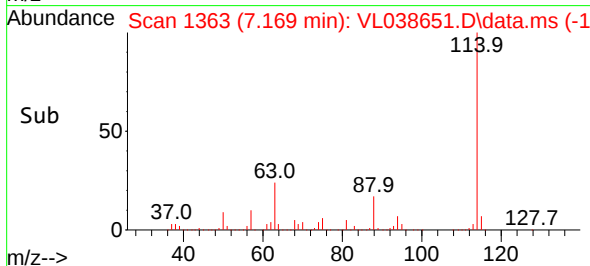
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:114 Resp: 244712
Ion Ratio Lower Upper
114 100
63 24.1 19.4 29.0
88 17.3 13.9 20.9

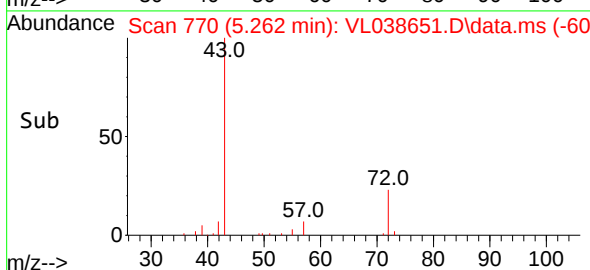
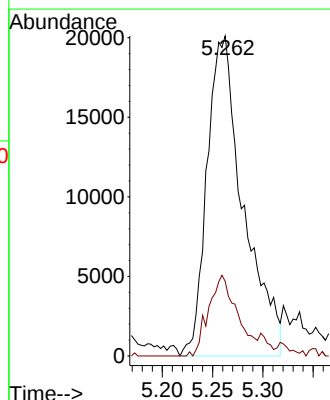
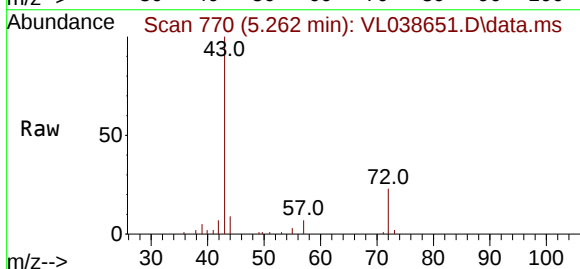
Manual Integrations
APPROVED

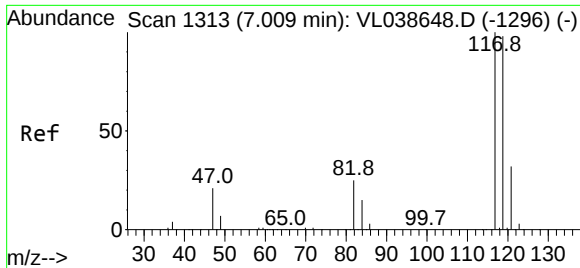
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#34
2-Butanone
Concen: 0.797 ppbv
RT: 5.262 min Scan# 770
Delta R.T. 0.029 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

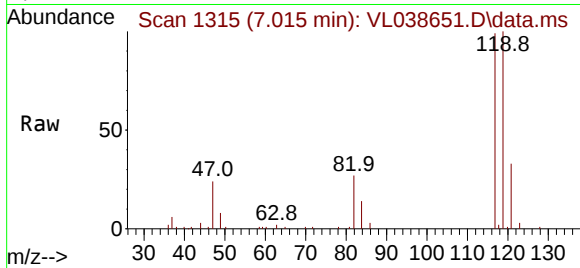
Tgt Ion: 43 Resp: 50539
Ion Ratio Lower Upper
43 100
72 23.3 17.8 26.8





#35
Carbon Tetrachloride
Concen: 0.414 ppbv
RT: 7.015 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

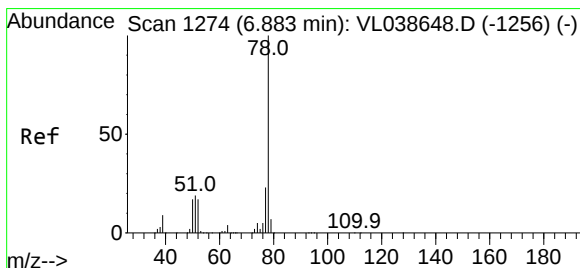
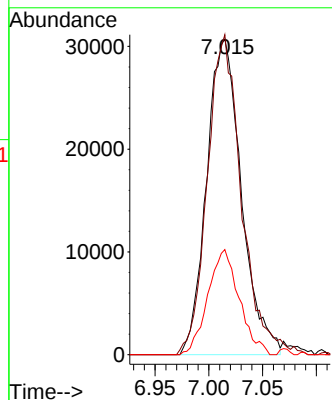
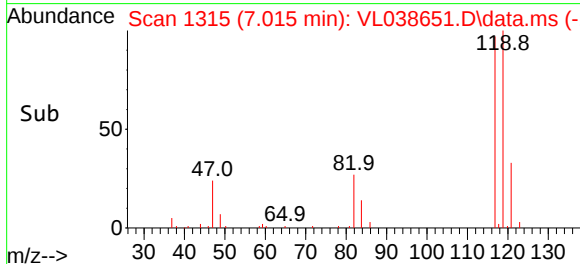
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



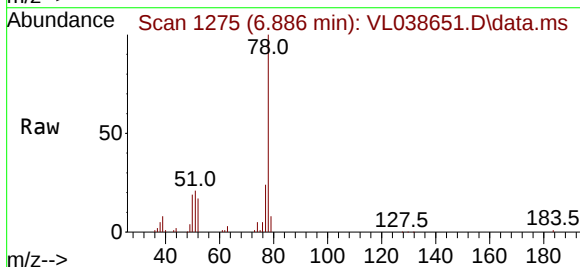
Tgt Ion:117 Resp: 69094
Ion Ratio Lower Upper
117 100
119 98.3 78.1 117.1
121 32.8 25.8 38.6

Manual Integrations
APPROVED

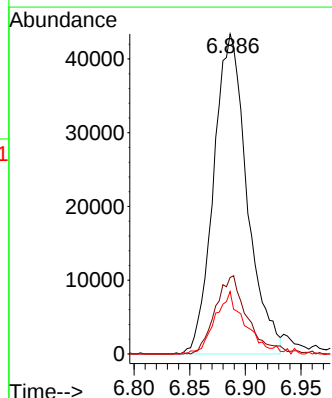
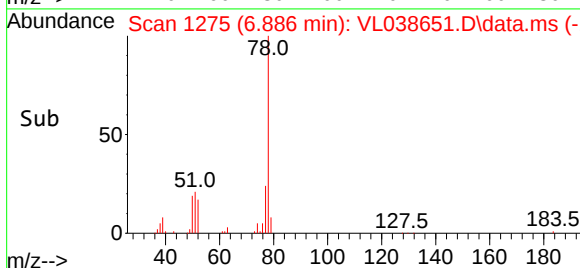
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

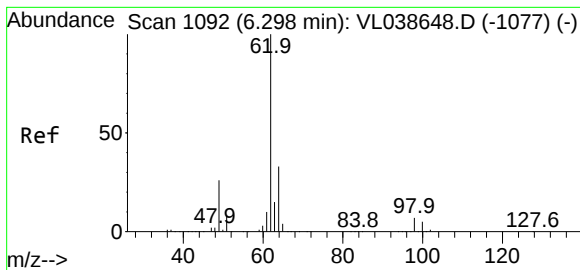


#36
Benzene
Concen: 0.411 ppbv
RT: 6.886 min Scan# 1275
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31



Tgt Ion: 78 Resp: 90736
Ion Ratio Lower Upper
78 100
77 24.1 18.1 27.1
50 19.6 13.6 20.4





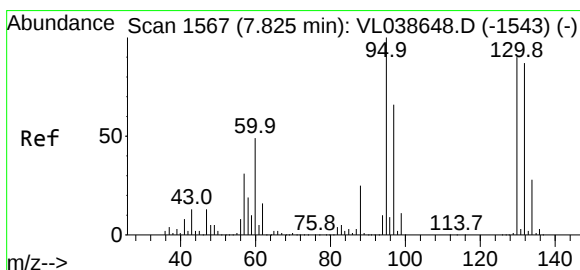
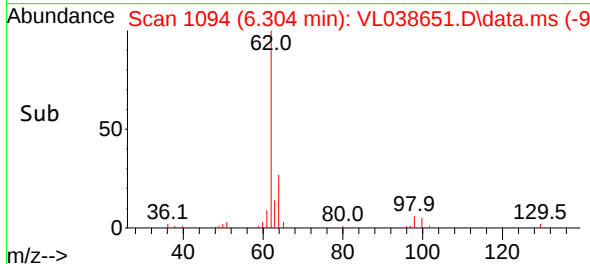
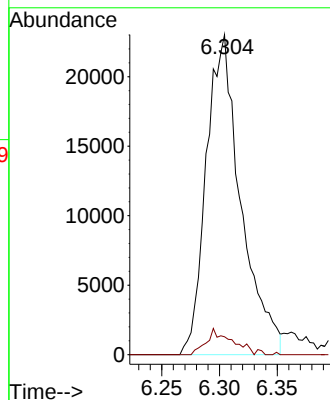
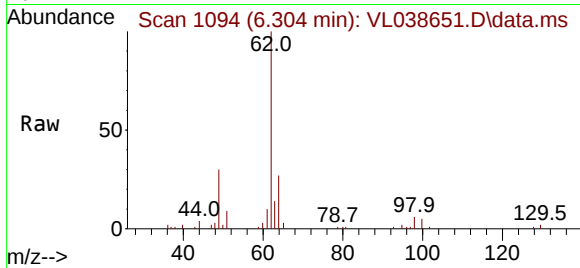
#37
1,2-Dichloroethane
Concen: 0.455 ppbv
RT: 6.304 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 62 Resp: 48000
Ion Ratio Lower Upper
62 100
98 6.1 5.6 8.4

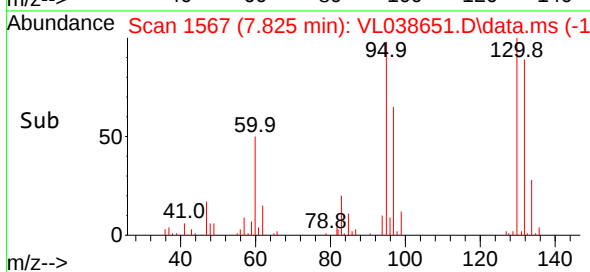
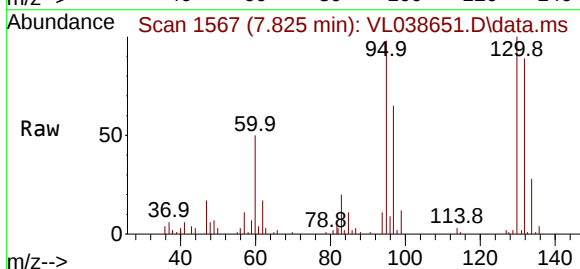
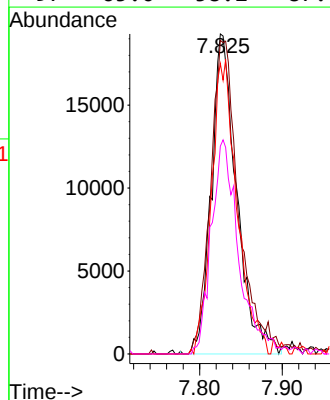
Manual Integrations
APPROVED

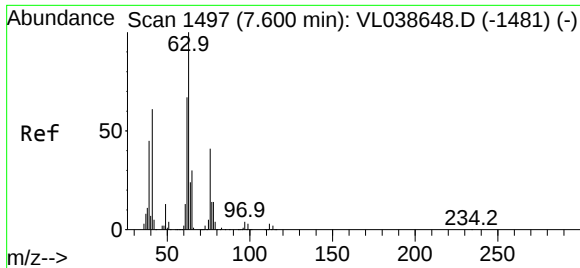
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#38
Trichloroethene
Concen: 0.468 ppbv m
RT: 7.825 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Tgt Ion:130 Resp: 41268
Ion Ratio Lower Upper
130 100
95 98.0 88.9 133.3
132 89.3 77.4 116.0
97 65.0 58.2 87.4





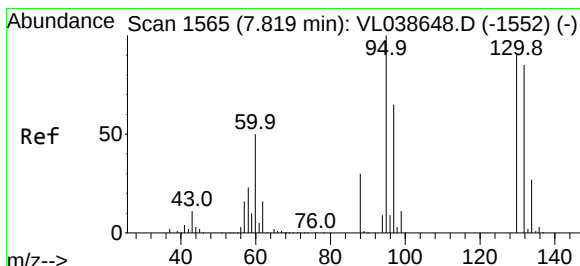
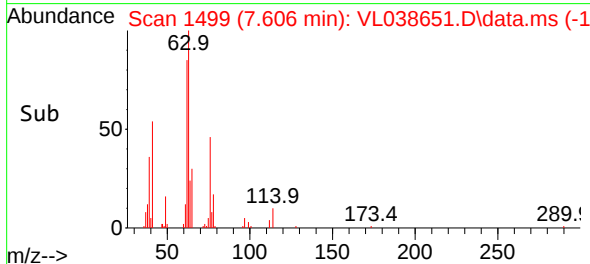
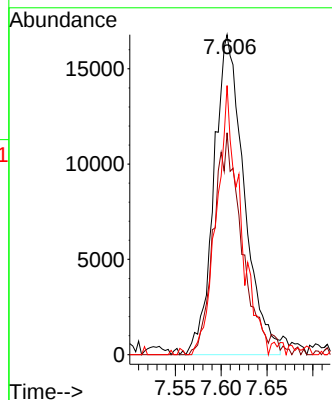
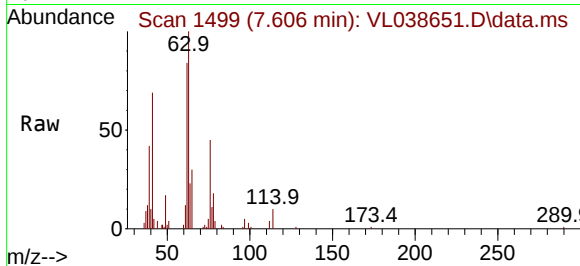
#39
1,2-Dichloropropane
Concen: 0.452 ppbv
RT: 7.606 min Scan# 1497
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 63 Resp: 38394
Ion Ratio Lower Upper
63 100
41 56.8 49.0 73.6
62 67.3 53.9 80.9

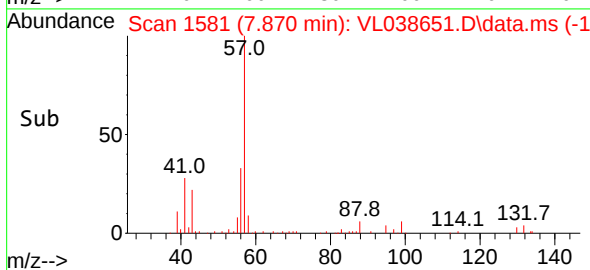
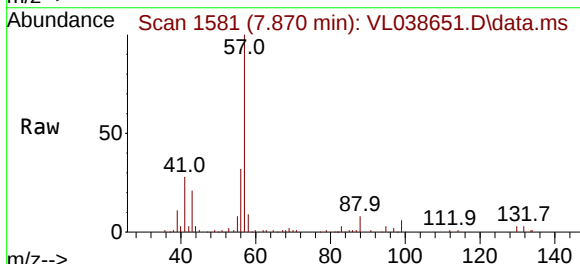
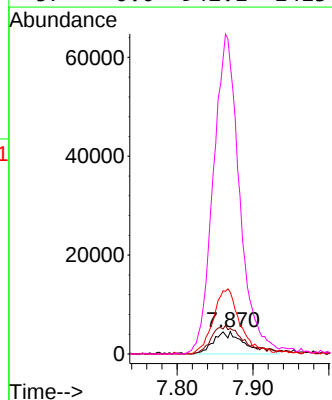
Manual Integrations
APPROVED

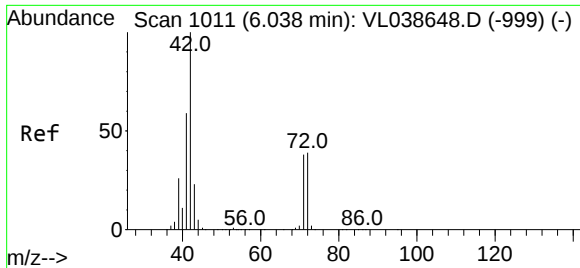
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#40
1,4-Dioxane
Concen: 0.625 ppbv m
RT: 7.870 min Scan# 1581
Delta R.T. 0.051 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

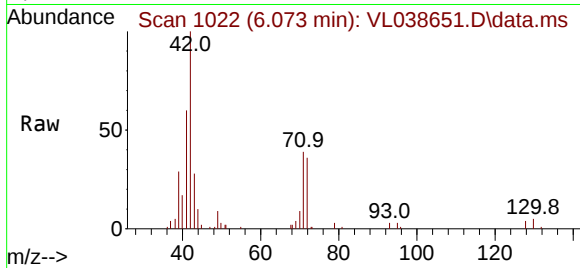
Tgt Ion: 88 Resp: 13286
Ion Ratio Lower Upper
88 100
58 0.0 105.6 158.4#
43 0.0 201.9 302.9#
57 0.0 942.1 1413.1#





#41
Tetrahydrofuran
Concen: 0.644 ppbv m
RT: 6.073 min Scan# 1011
Delta R.T. 0.035 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

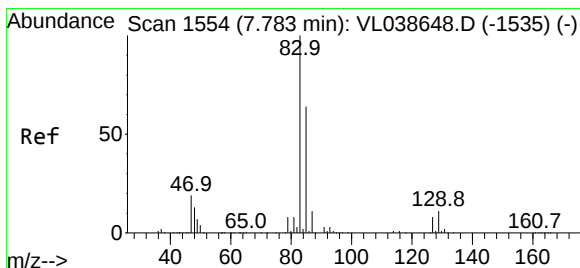
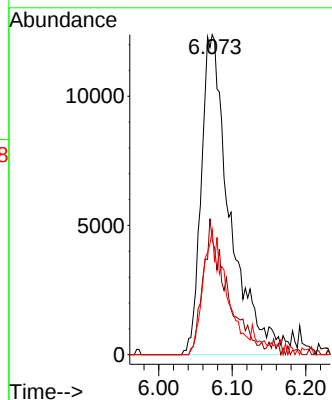
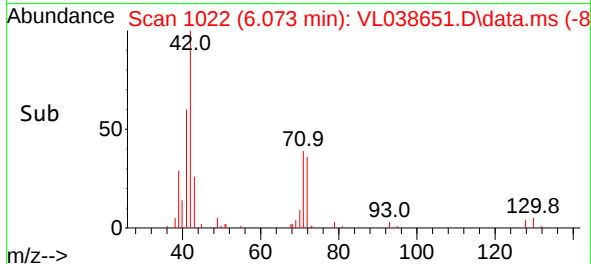
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 42 Resp: 33414
Ion Ratio Lower Upper
42 100
72 0.0 32.5 48.7
71 0.0 31.4 47.2

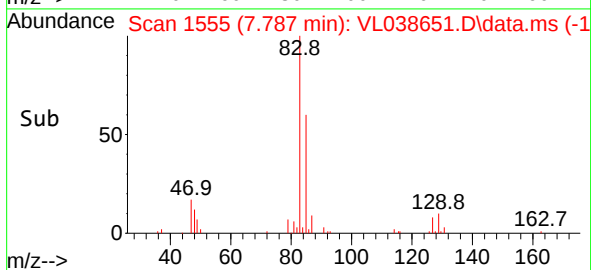
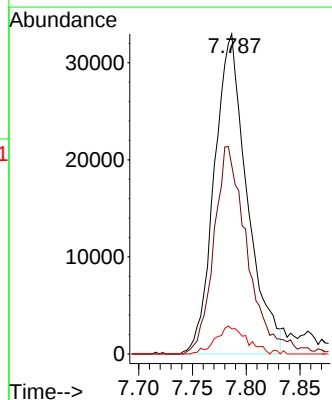
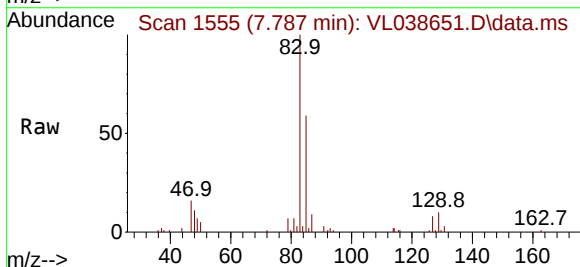
Manual Integrations
APPROVED

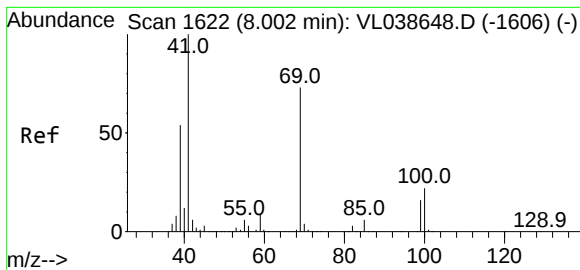
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#42
Bromodichloromethane
Concen: 0.418 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Tgt Ion: 83 Resp: 70008
Ion Ratio Lower Upper
83 100
85 58.9 51.1 76.7
127 7.9 6.5 9.7





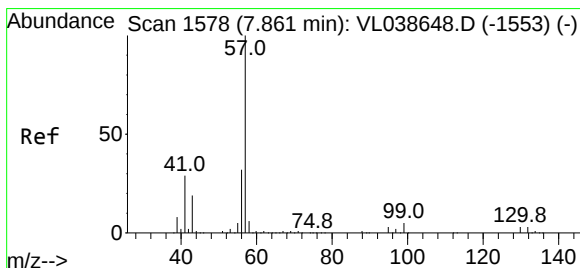
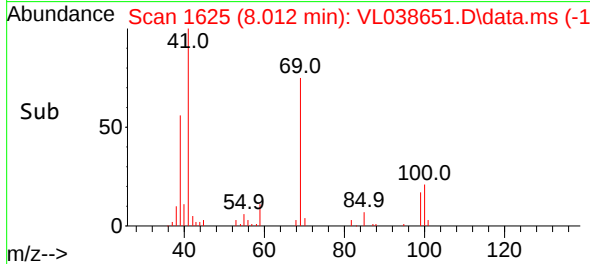
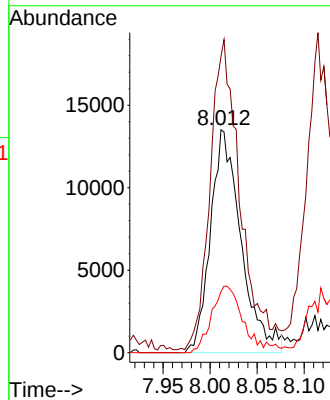
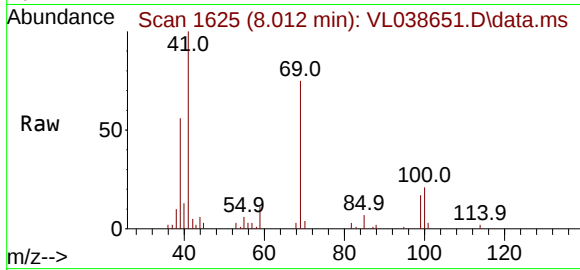
#43
Methyl Methacrylate
Concen: 0.404 ppbv m
RT: 8.012 min Scan# 1622
Delta R.T. 0.009 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 30590
Ion Ratio Lower Upper
69 100
41 141.1 110.3 165.5
100 31.0 24.8 37.2

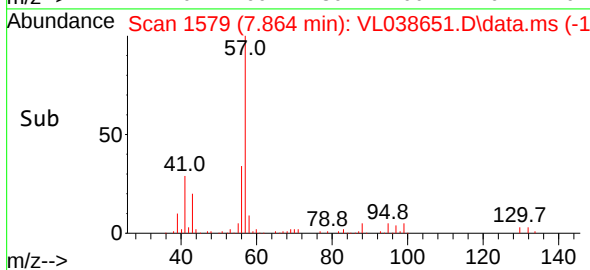
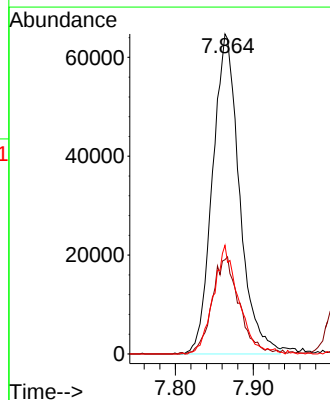
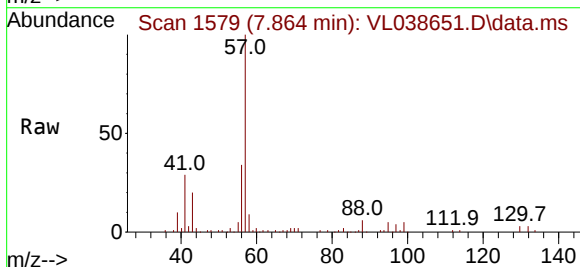
Manual Integrations
APPROVED

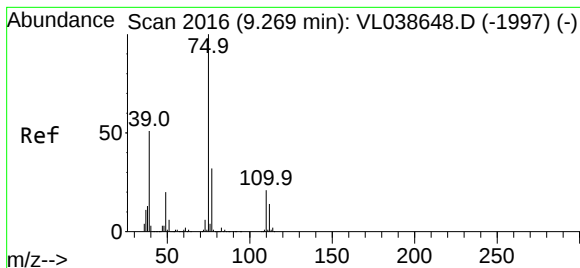
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#44
2,2,4-Trimethylpentane
Concen: 0.416 ppbv
RT: 7.864 min Scan# 1579
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

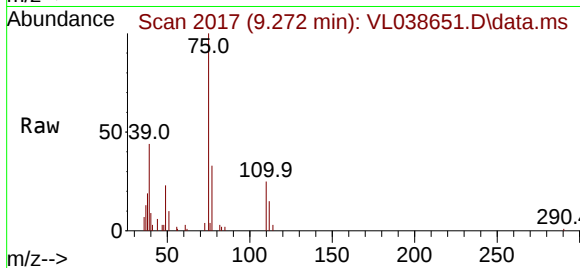
Tgt Ion: 57 Resp: 155233
Ion Ratio Lower Upper
57 100
41 31.1 23.0 34.4
56 32.2 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 0.519 ppbv m
RT: 9.272 min Scan# 2016
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

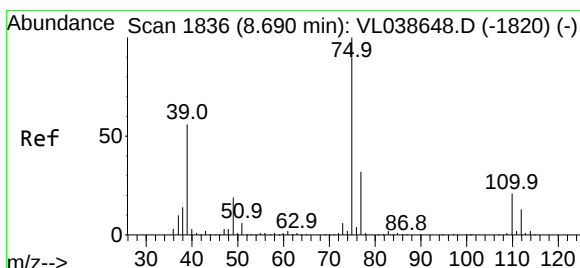
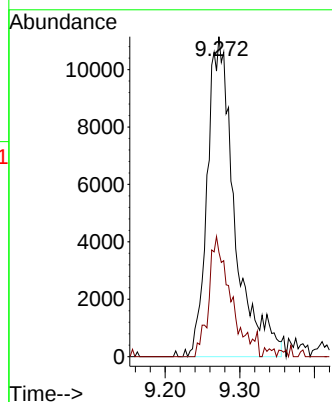
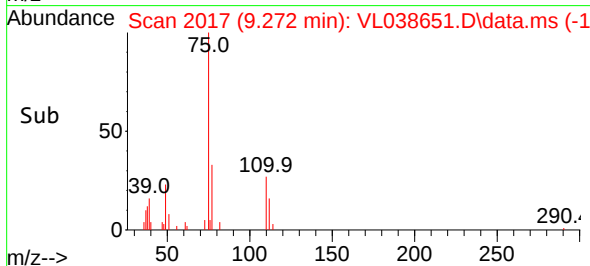
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 75 Resp: 2837
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3

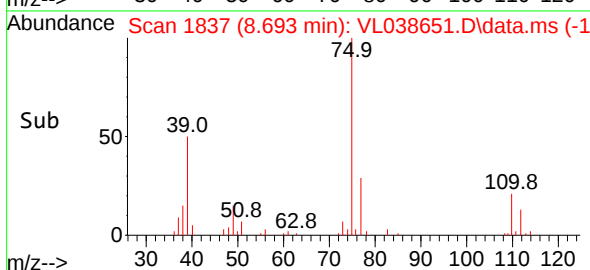
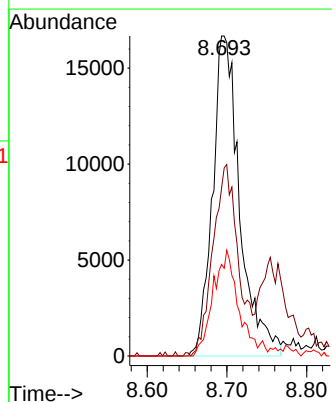
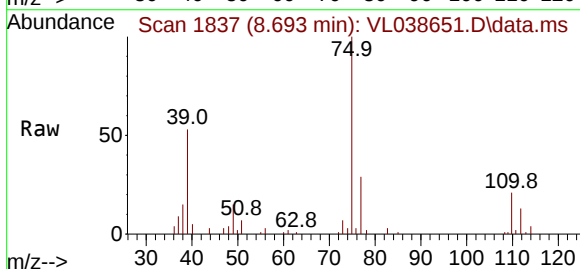
Manual Integrations
APPROVED

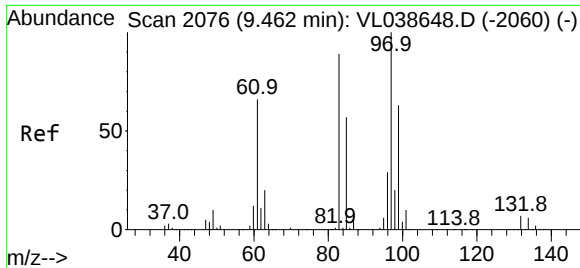
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#46
cis-1,3-Dichloropropene
Concen: 0.530 ppbv m
RT: 8.693 min Scan# 1837
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

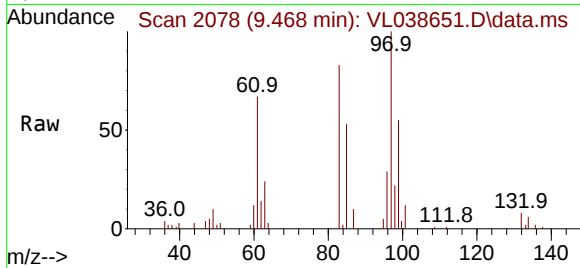
Tgt Ion: 75 Resp: 39591
Ion Ratio Lower Upper
75 100
39 52.6 44.8 67.2
77 28.6 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 0.473 ppbv m
RT: 9.468 min Scan# 2076
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

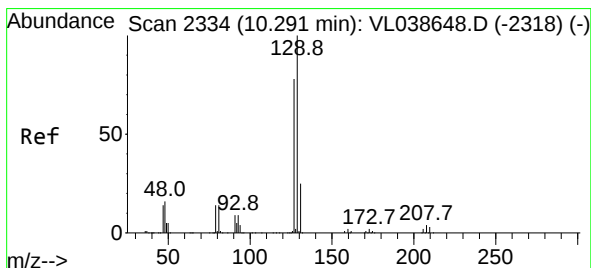
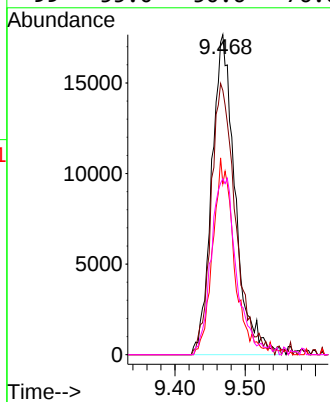
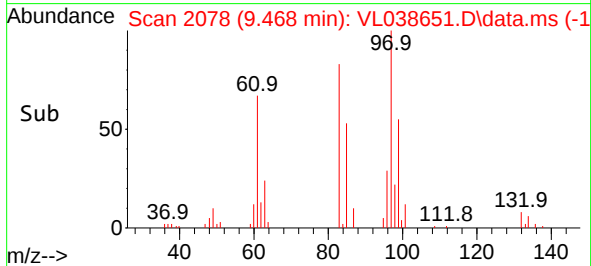
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 97 Resp: 40944
Ion Ratio Lower Upper
97 100
83 82.5 71.2 106.8
85 53.4 45.3 67.9
99 55.0 50.6 76.0

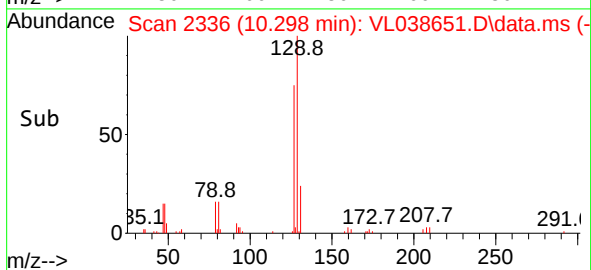
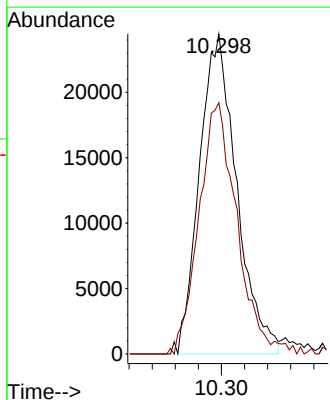
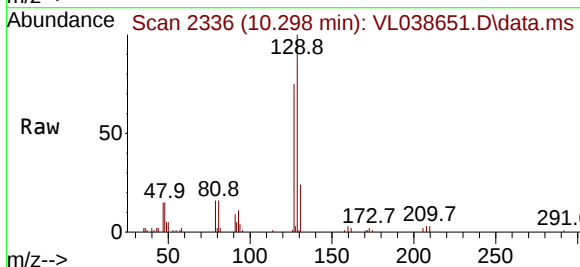
Manual Integrations
APPROVED

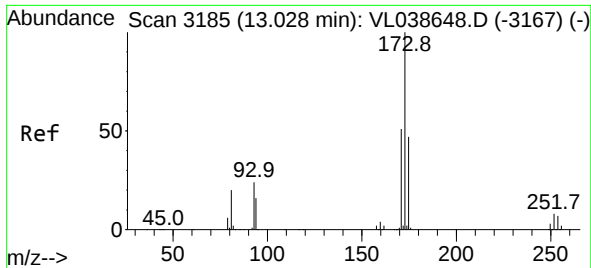
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#48
Dibromochloromethane
Concen: 0.397 ppbv
RT: 10.298 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

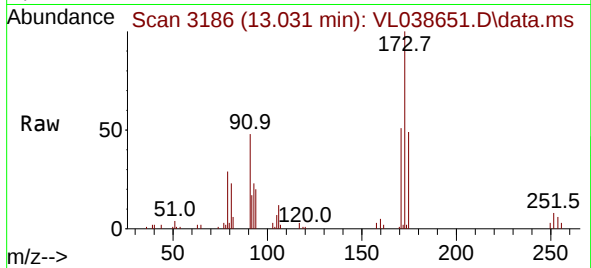
Tgt Ion:129 Resp: 54585
Ion Ratio Lower Upper
129 100
127 80.9 39.5 118.5





#49
Bromoform
Concen: 0.410 ppbv m
RT: 13.031 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

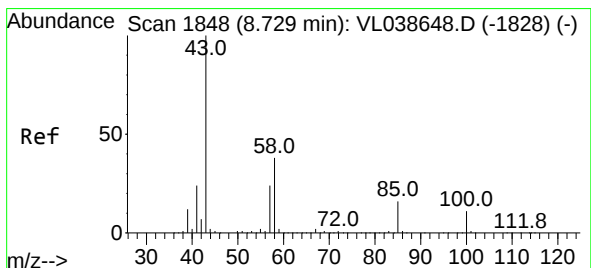
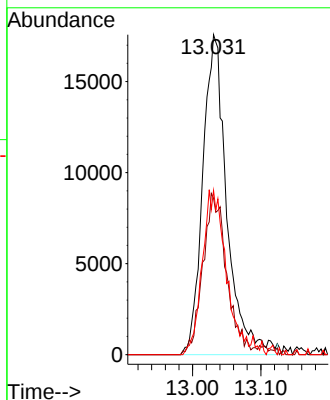
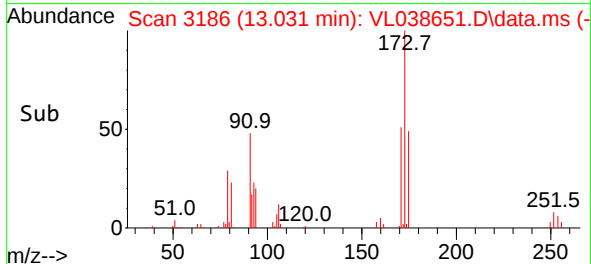
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:173 Resp: 4317
Ion Ratio Lower Upper
173 100
175 51.5 41.0 61.6
171 51.5 43.1 64.7

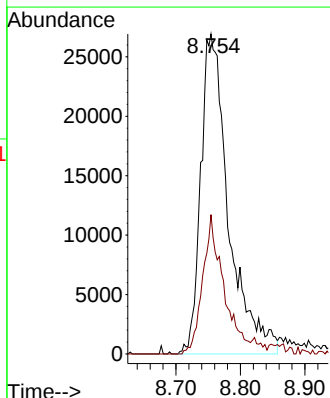
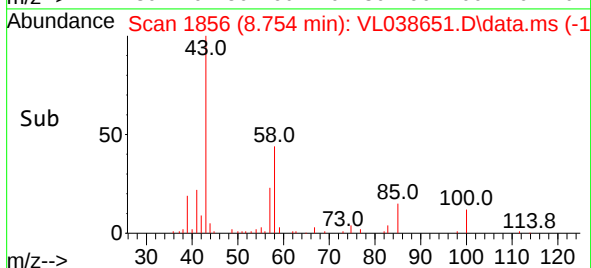
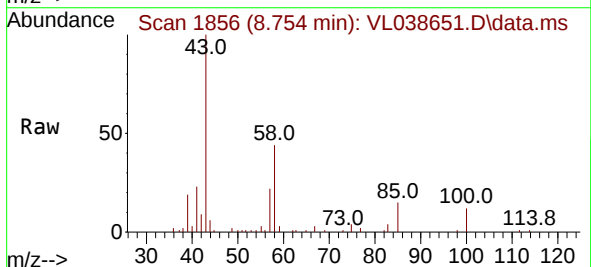
Manual Integrations
APPROVED

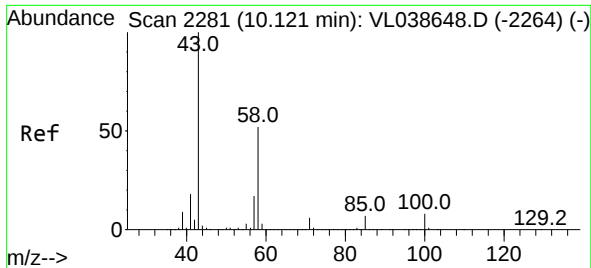
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#50
4-Methyl-2-Pentanone
Concen: 0.620 ppbv m
RT: 8.754 min Scan# 1856
Delta R.T. 0.026 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Tgt Ion: 43 Resp: 80593
Ion Ratio Lower Upper
43 100
58 36.0 29.9 44.9





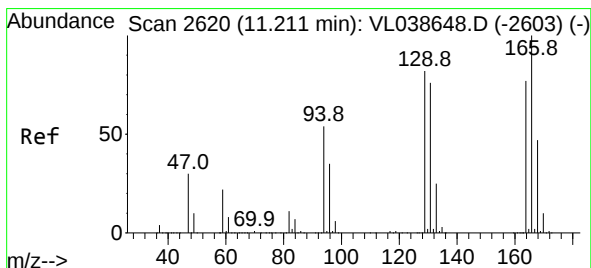
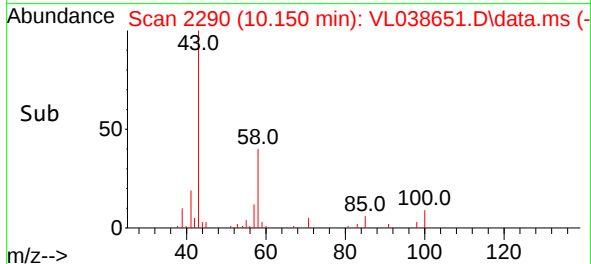
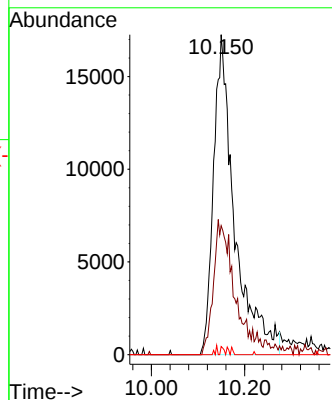
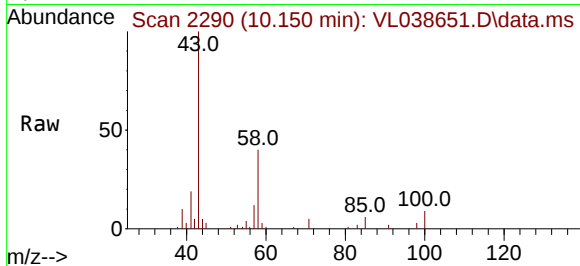
#51
2-Hexanone
Concen: 0.988 ppbv m
RT: 10.150 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 5430
Ion Ratio Lower Upper
43 100
58 43.8 41.2 61.8
98 1.0 0.2 0.4

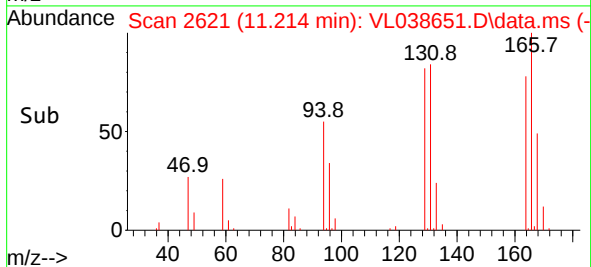
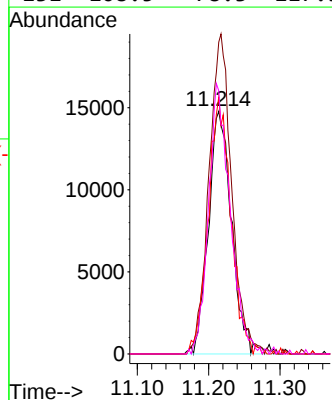
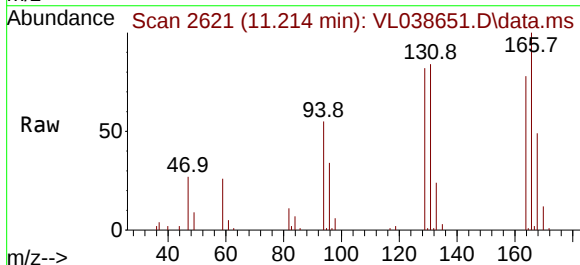
Manual Integrations
APPROVED

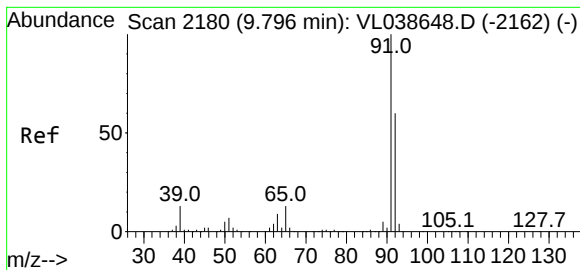
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#52
Tetrachloroethene
Concen: 0.415 ppbv m
RT: 11.214 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Tgt Ion:164 Resp: 33565
Ion Ratio Lower Upper
164 100
166 128.6 103.3 154.9
129 106.0 85.2 127.8
131 108.5 78.3 117.5





#53

Toluene

Concen: 0.371 ppbv m

RT: 9.799 min Scan# 2180

Delta R.T. 0.003 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

Instrument :

MSVOA_L

ClientSampleId :

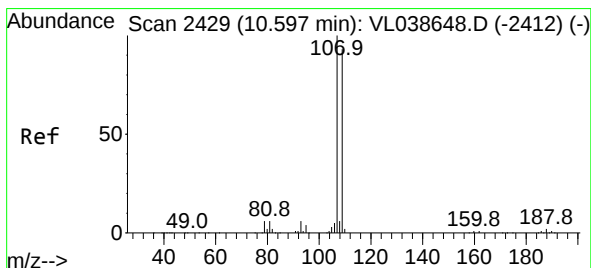
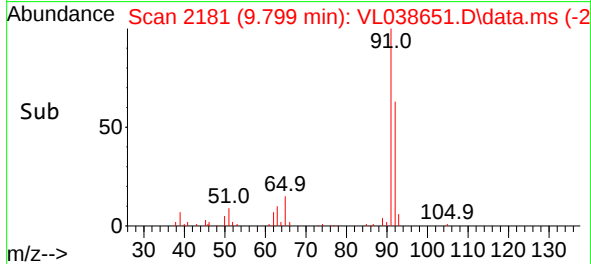
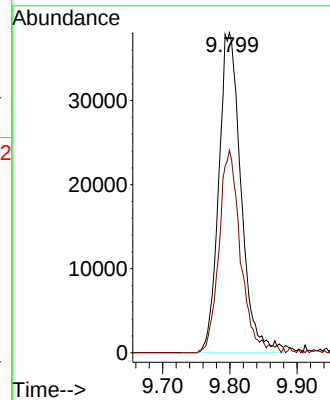
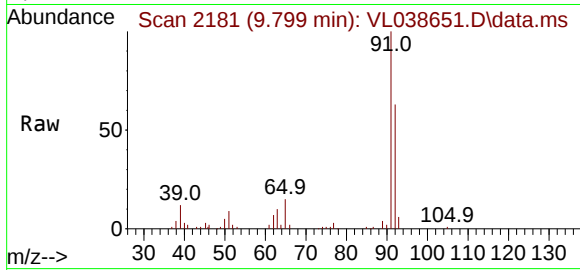
VSTDICC0.5

Tgt Ion: 91 Resp: 8756
 Ion Ratio Lower Upper
 91 100
 92 62.3 48.7 73.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#54

1,2-Dibromoethane

Concen: 0.418 ppbv m

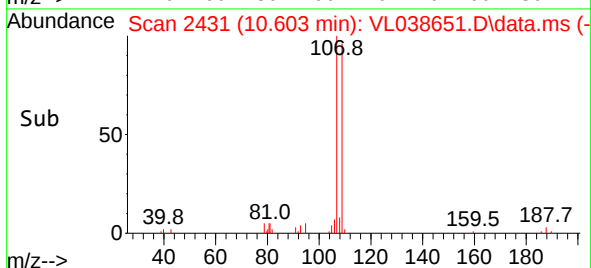
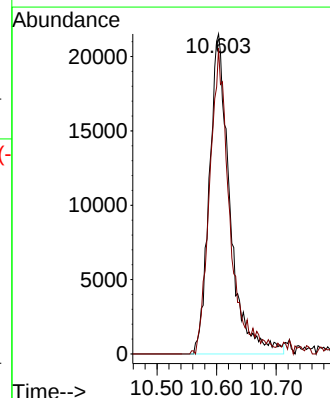
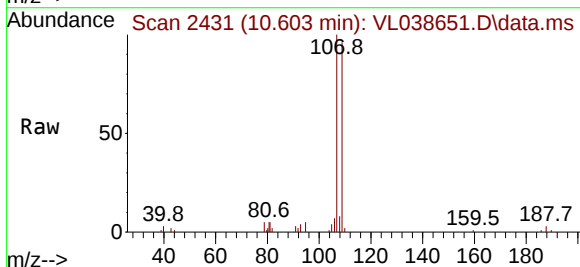
RT: 10.603 min Scan# 2431

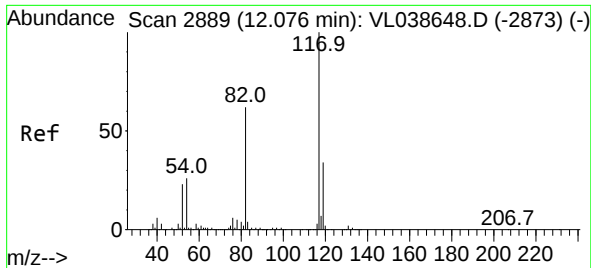
Delta R.T. 0.006 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

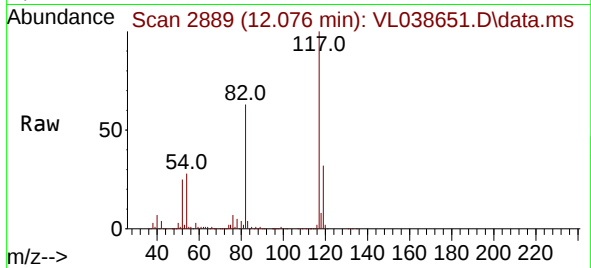
Tgt Ion:107 Resp: 51709
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.1 111.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

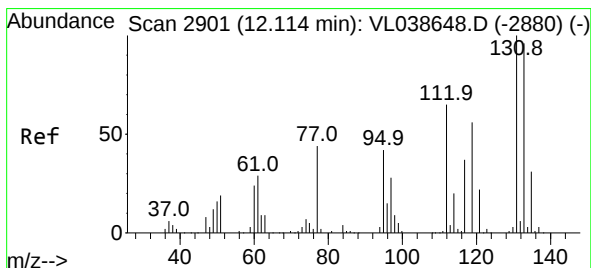
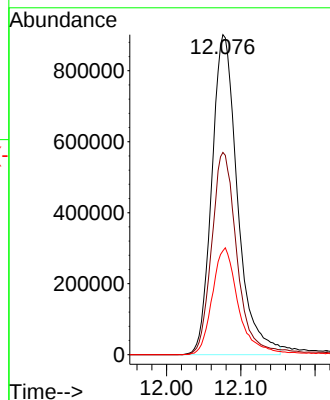
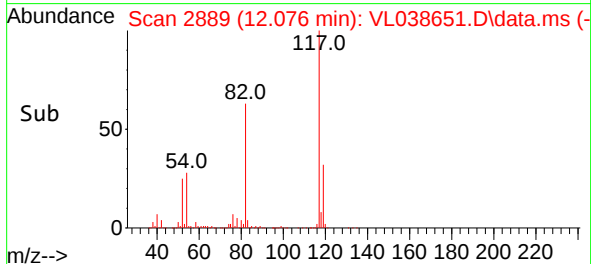
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



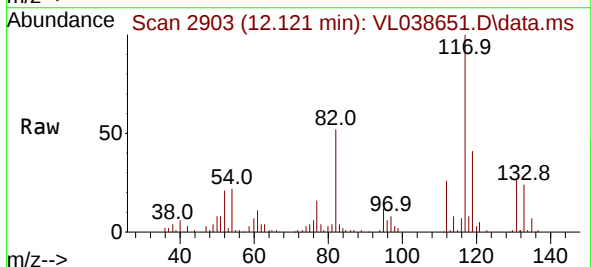
Tgt Ion:117 Resp: 2170318
Ion Ratio Lower Upper
117 100
82 64.3 51.6 77.4
119 35.1 26.9 40.3

Manual Integrations
APPROVED

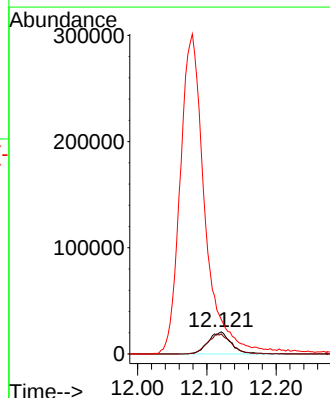
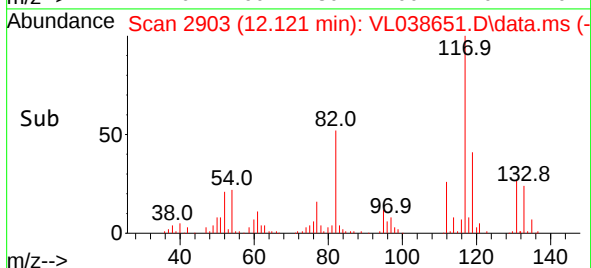
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

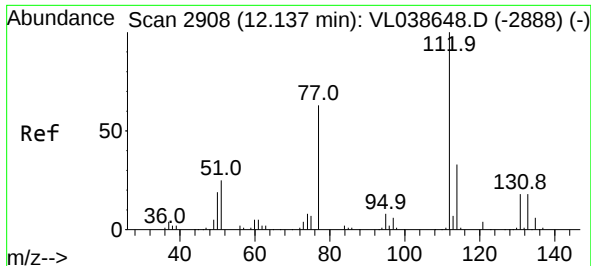


#56
1,1,1,2-Tetrachloroethane
Concen: 0.536 ppbv m
RT: 12.121 min Scan# 2903
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31



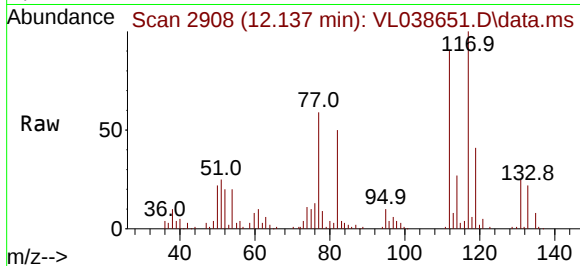
Tgt Ion:131 Resp: 47392
Ion Ratio Lower Upper
131 100
133 0.0 77.3 115.9#
119 0.0 53.0 79.6#





#57
Chlorobenzene
Concen: 0.503 ppbv
RT: 12.137 min Scan# 2908
Delta R.T. -0.000 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

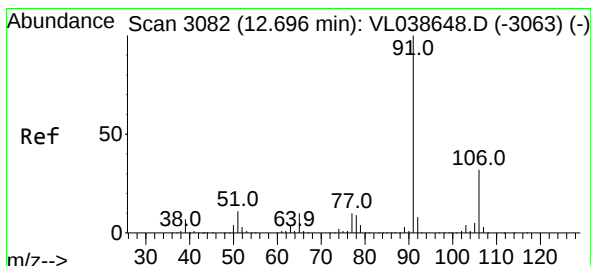
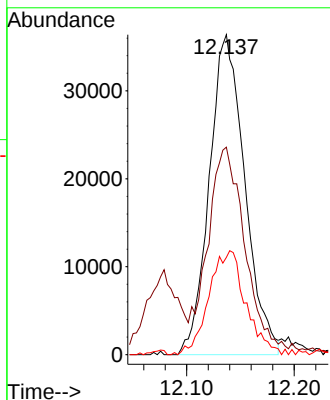
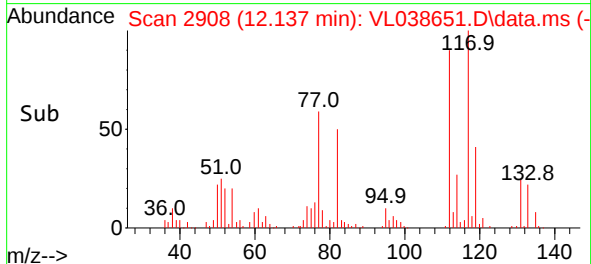
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



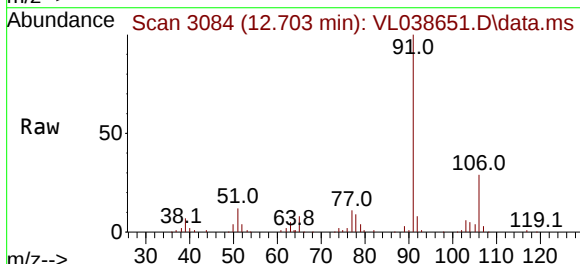
Tgt Ion:112 Resp: 83352
Ion Ratio Lower Upper
112 100
77 61.5 51.0 76.6
114 32.3 29.8 36.4

Manual Integrations
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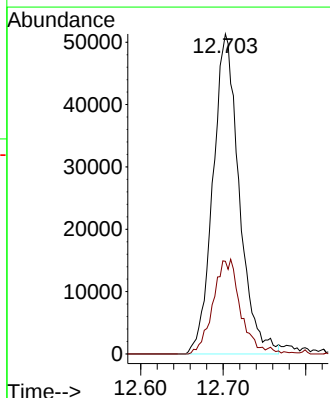
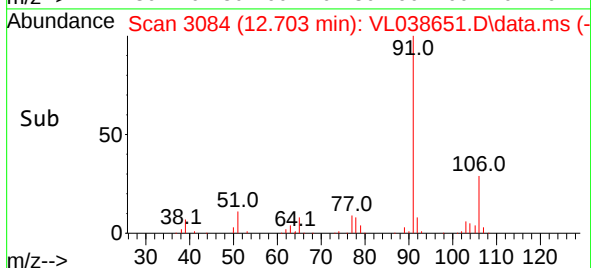
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

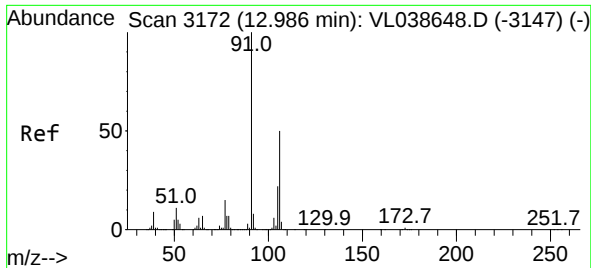


#58
Ethyl Benzene
Concen: 0.403 ppbv m
RT: 12.703 min Scan# 3084
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31



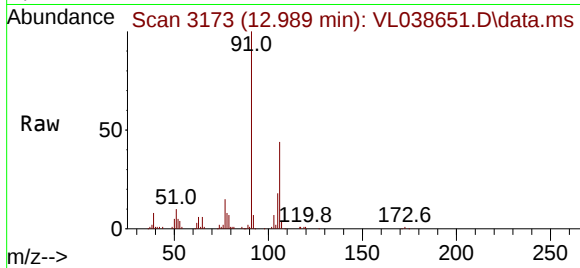
Tgt Ion: 91 Resp: 113337
Ion Ratio Lower Upper
91 100
106 29.0 25.4 38.0





#59
m/p-Xylene
Concen: 0.878 ppbv m
RT: 12.989 min Scan# 3173
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

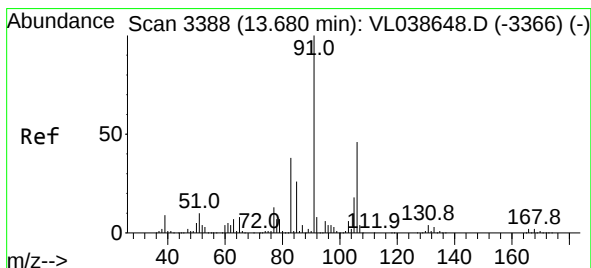
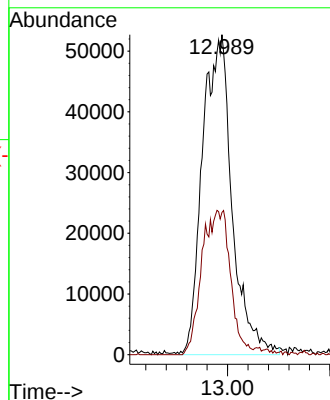
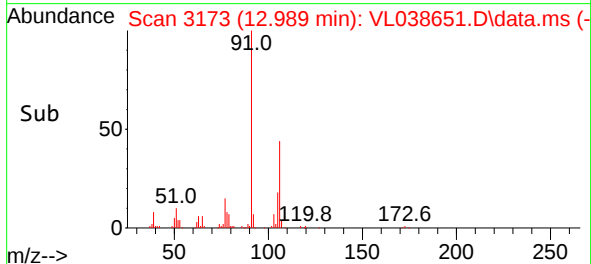
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



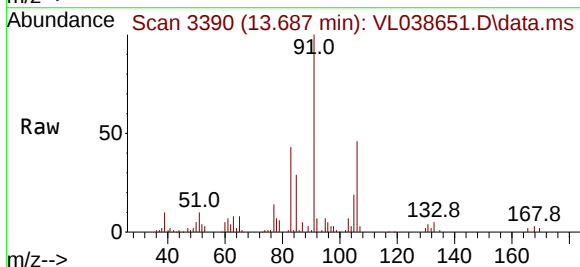
Tgt Ion: 91 Resp: 21111
Ion Ratio Lower Upper
91 100
106 0.0 37.2 55.8

Manual Integrations
APPROVED

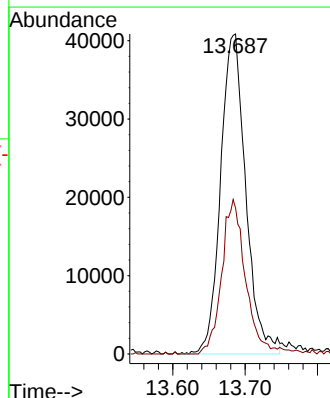
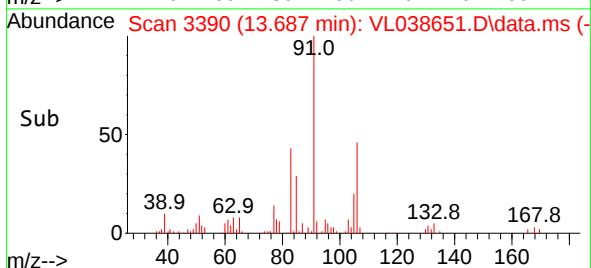
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

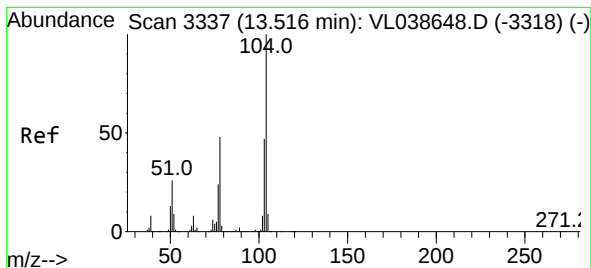


#60
o-Xylene
Concen: 0.434 ppbv m
RT: 13.687 min Scan# 3390
Delta R.T. 0.006 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31



Tgt Ion: 91 Resp: 98604
Ion Ratio Lower Upper
91 100
106 46.5 23.5 70.5





#61

Styrene

Concen: 0.391 ppbv

RT: 13.513 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

Instrument :

MSVOA_L

ClientSampleId :

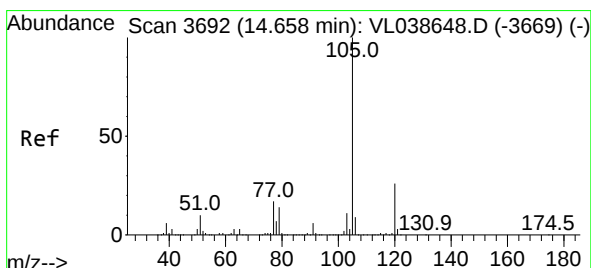
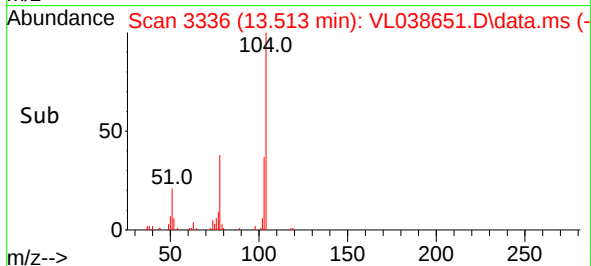
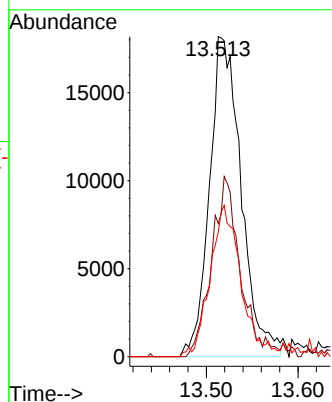
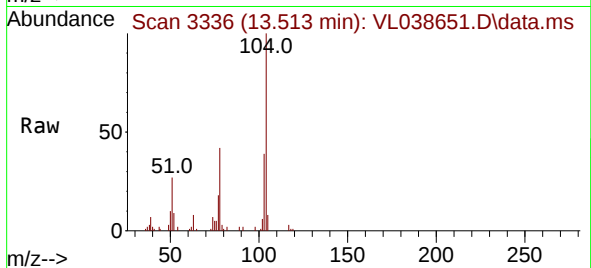
VSTDIC0.5

Tgt Ion:104	Resp:	4371
Ion Ratio	Lower	Upper
104	100	
78	52.5	39.0 58.4
103	48.5	37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#62

Isopropylbenzene

Concen: 0.488 ppbv

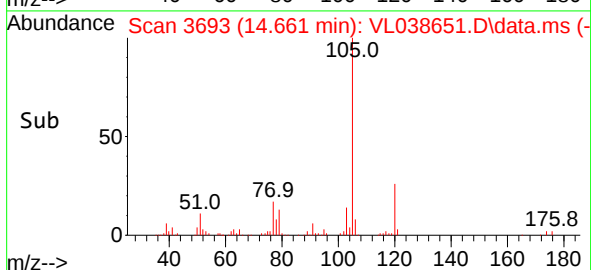
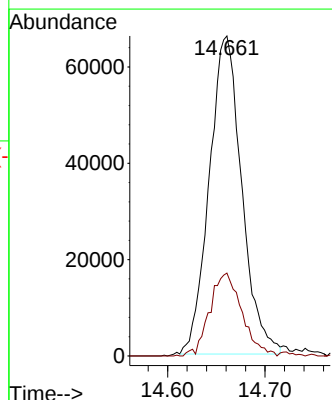
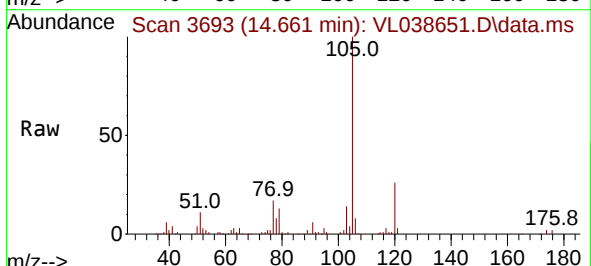
RT: 14.661 min Scan# 3693

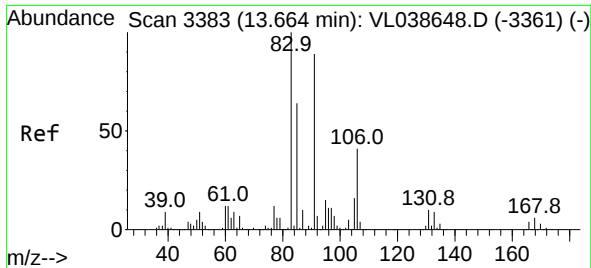
Delta R.T. 0.003 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

Tgt Ion:105	Resp:	152991
Ion Ratio	Lower	Upper
105	100	
120	26.4	21.2 31.8





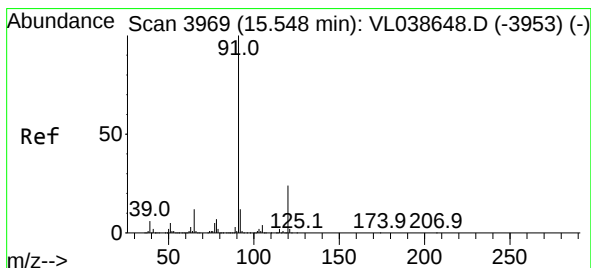
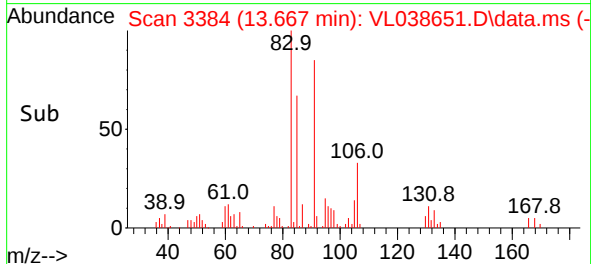
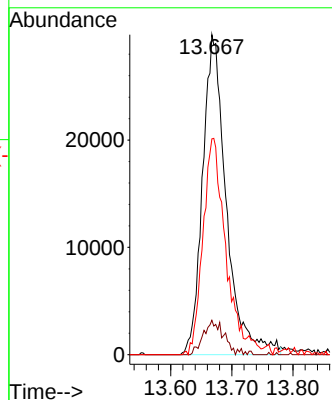
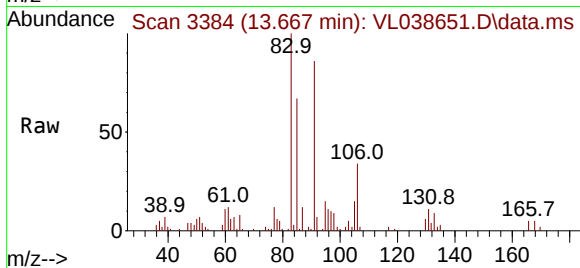
#63
1,1,2,2-Tetrachloroethane
Concen: 0.419 ppbv m
RT: 13.667 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 8044
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 67.4 32.6 97.8

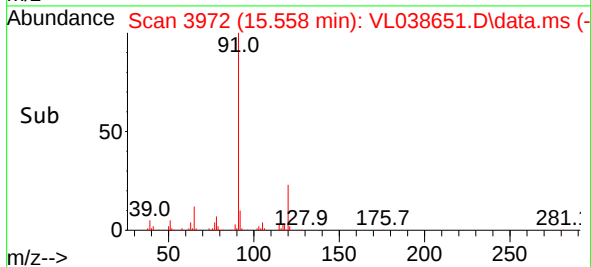
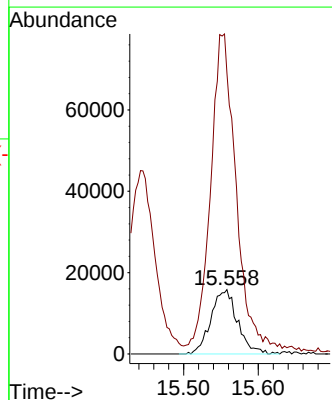
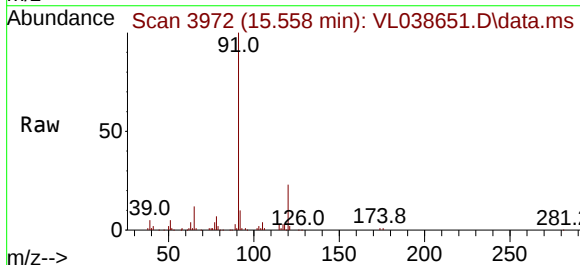
Manual Integrations
APPROVED

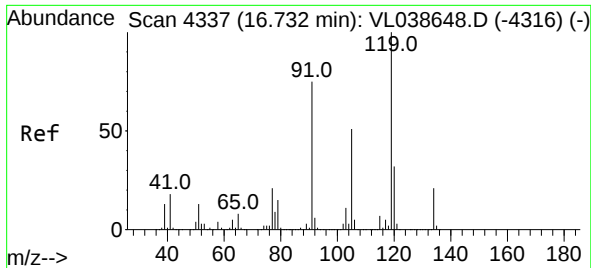
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#64
n-propylbenzene
Concen: 0.487 ppbv m
RT: 15.558 min Scan# 3972
Delta R.T. 0.009 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

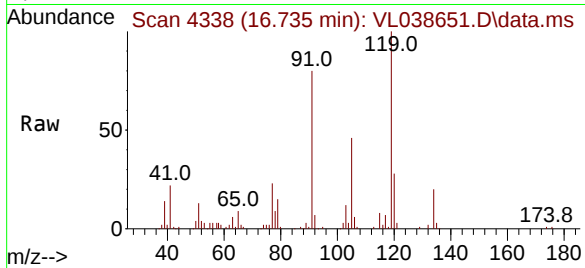
Tgt Ion:120 Resp: 38881
Ion Ratio Lower Upper
120 100
91 496.6 368.0 552.0





#65
tert-Butylbenzene
Concen: 0.487 ppbv
RT: 16.735 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

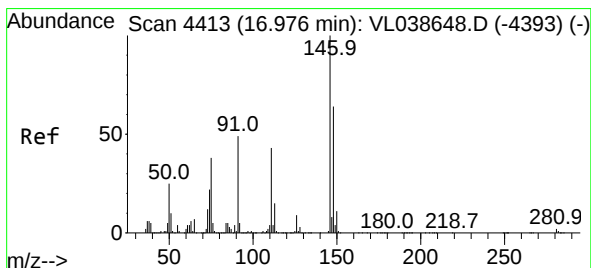
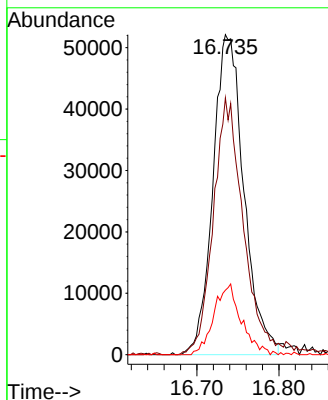
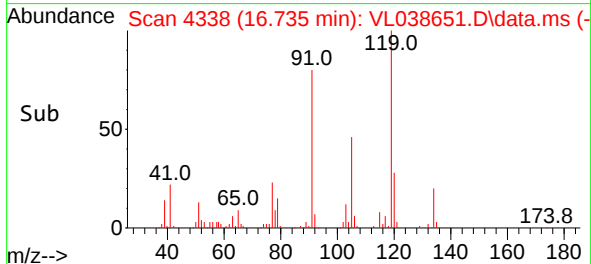
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



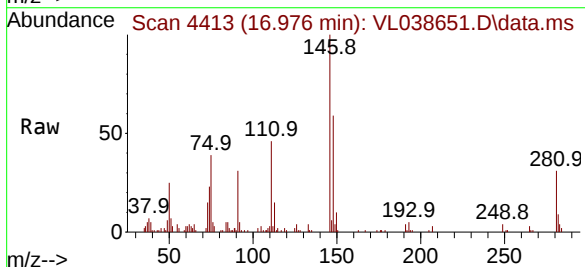
Tgt Ion: 119 Resp: 13645
Ion Ratio Lower Upper
119 100
91 80.3 61.2 91.8
134 19.6 16.3 24.5

Manual Integrations
APPROVED

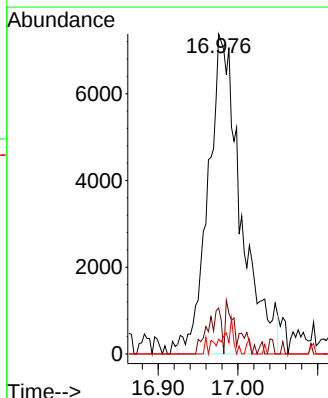
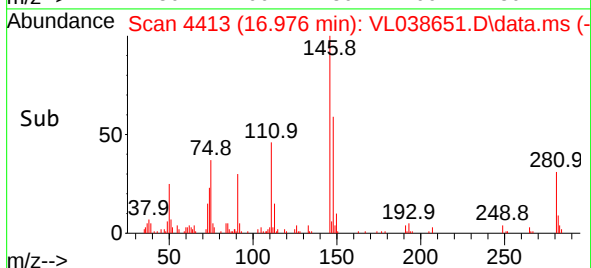
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

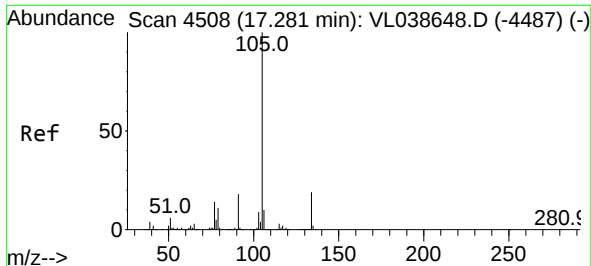


#66
Benzyl Chloride
Concen: 1.263 ppbv m
RT: 16.976 min Scan# 4413
Delta R.T. -0.000 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31



Tgt Ion: 91 Resp: 20977
Ion Ratio Lower Upper
91 100
126 0.0 14.3 21.5#
128 0.0 4.6 6.8#





#67

sec-Butylbenzene

Concen: 0.481 ppbv

RT: 17.288 min Scan# 4510

Delta R.T. 0.006 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:105 Resp: 19164

Ion Ratio Lower Upper

105 100

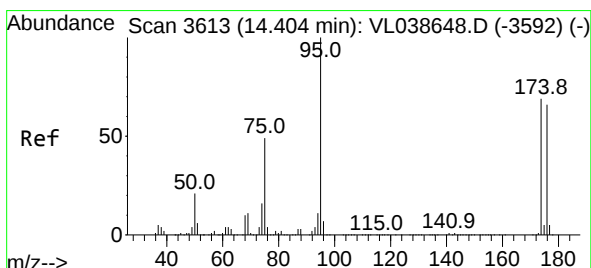
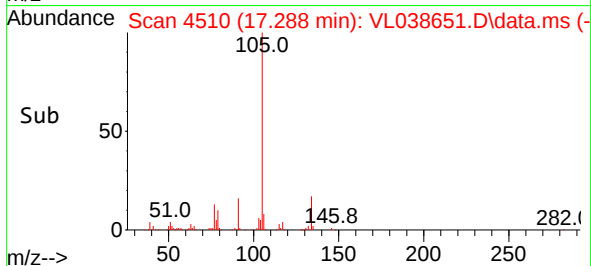
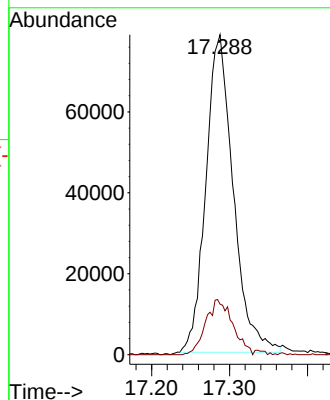
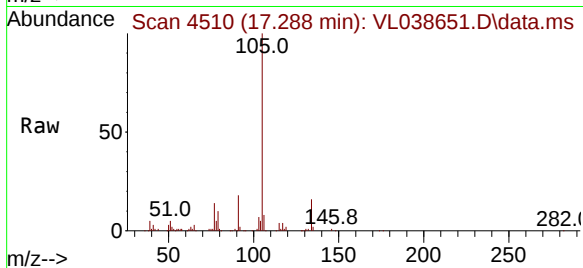
134 17.6 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.996 ppbv

RT: 14.407 min Scan# 3614

Delta R.T. 0.003 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

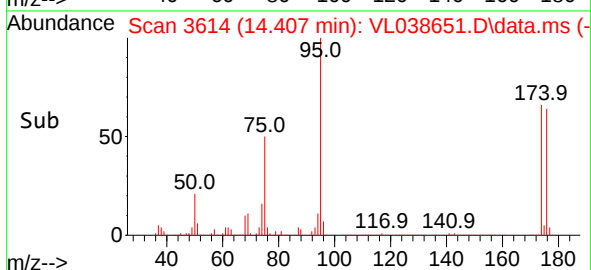
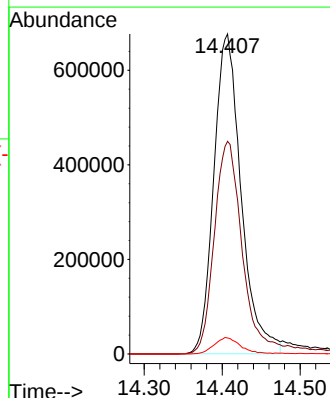
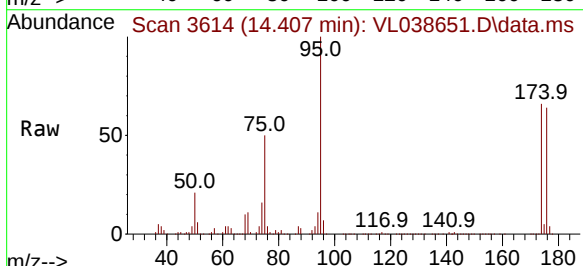
Tgt Ion: 95 Resp: 1649419

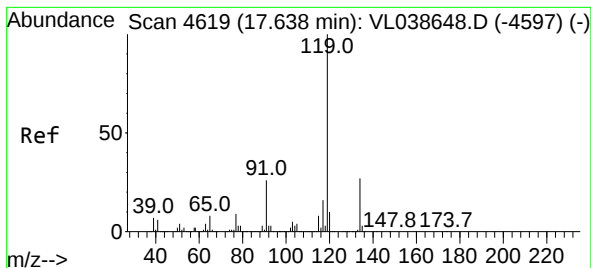
Ion Ratio Lower Upper

95 100

174 71.8 56.1 84.1

175 5.3 4.2 6.2





#69

p-Isopropyltoluene

Concen: 0.456 ppbv m

RT: 17.641 min Scan# 4

Delta R.T. 0.003 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

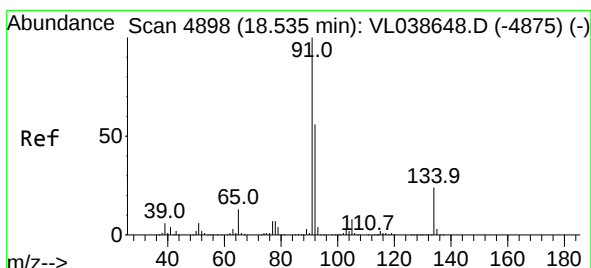
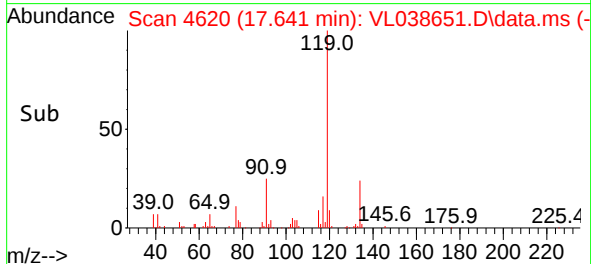
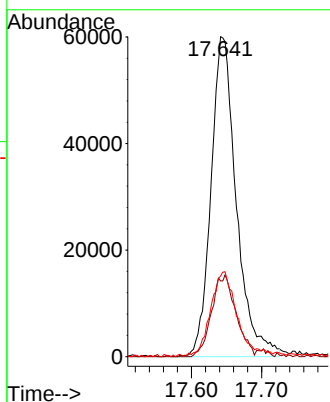
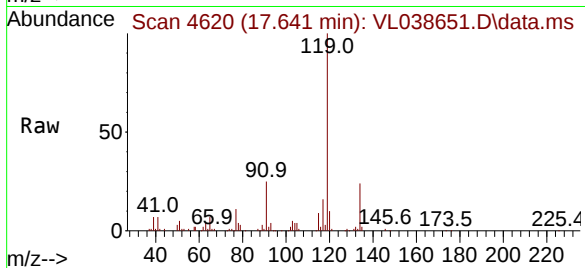
Tgt Ion:	119	Resp:	150594
Ion	Ratio	Lower	Upper
119	100		
134	25.8	21.2	31.8
91	28.6	21.4	32.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#70

n-Butylbenzene

Concen: 0.434 ppbv

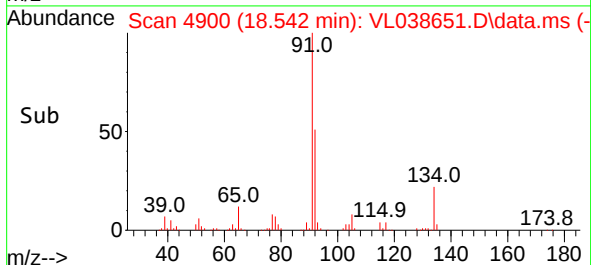
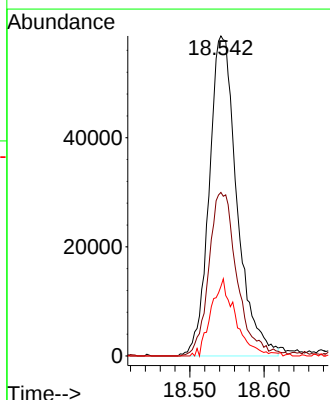
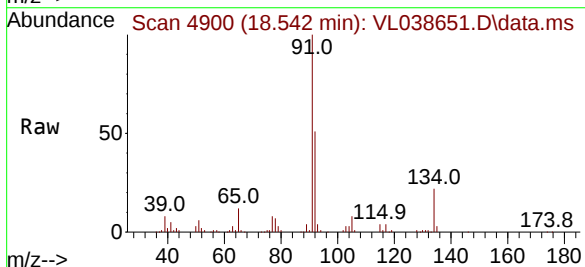
RT: 18.542 min Scan# 4900

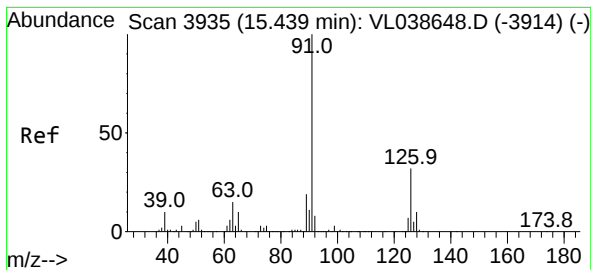
Delta R.T. 0.006 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

Tgt Ion:	91	Resp:	152483
Ion	Ratio	Lower	Upper
91	100		
92	52.8	43.9	65.9
134	21.6	18.7	28.1





#71

2-Chlorotoluene

Concen: 0.472 ppbv

RT: 15.442 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 91 Resp: 10980

Ion Ratio Lower Upper

91 100

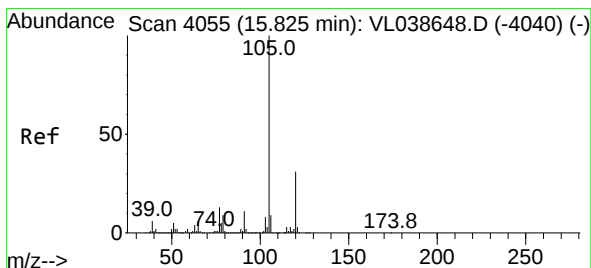
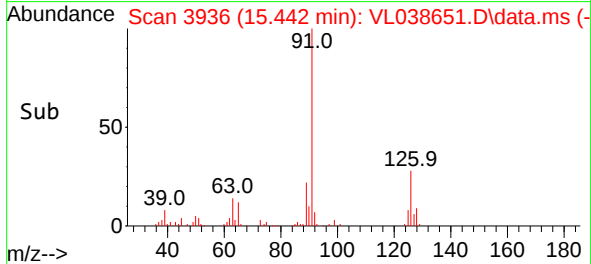
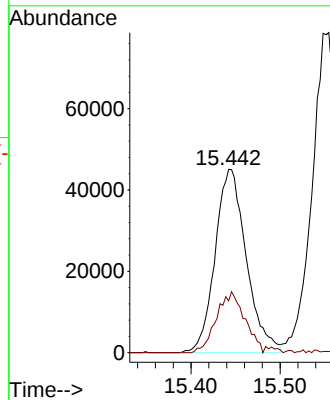
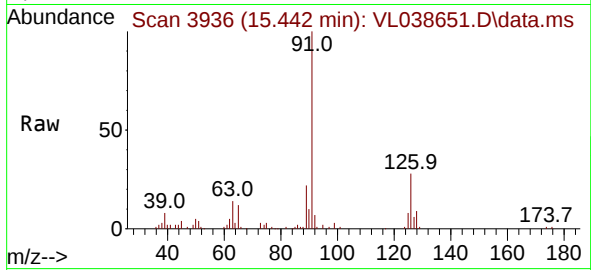
126 31.5 13.1 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#72

4-Ethyltoluene

Concen: 0.421 ppbv

RT: 15.828 min Scan# 4056

Delta R.T. 0.003 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

Tgt Ion:105 Resp: 109742

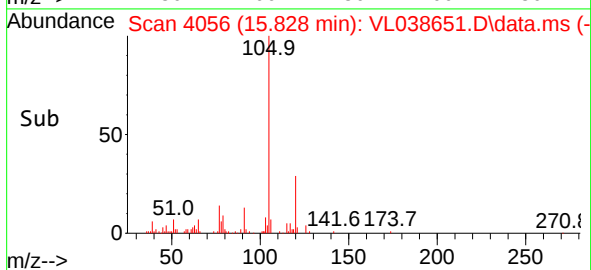
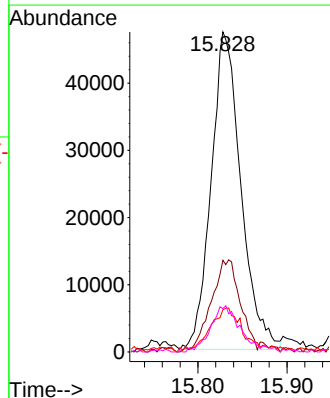
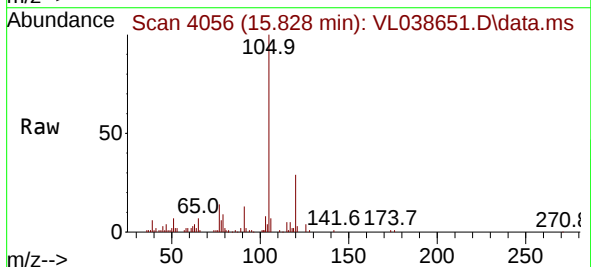
Ion Ratio Lower Upper

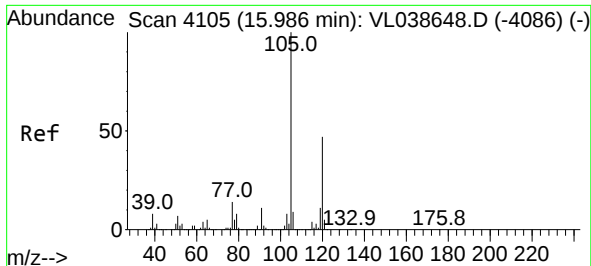
105 100

120 29.6 24.9 37.3

91 16.6 9.8 14.6#

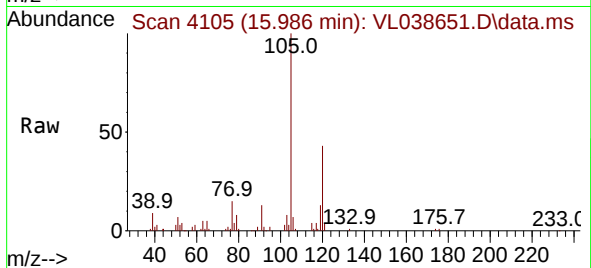
77 15.1 10.6 16.0





#73
1,3,5-Trimethylbenzene
Concen: 0.432 ppbv m
RT: 15.986 min Scan# 4105
Delta R.T. -0.000 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

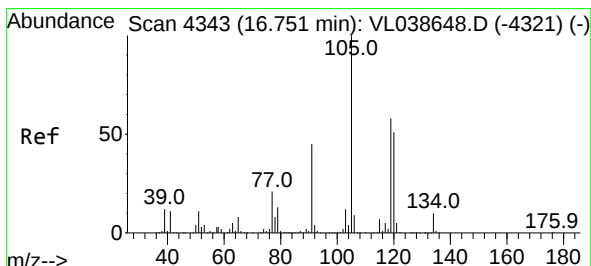
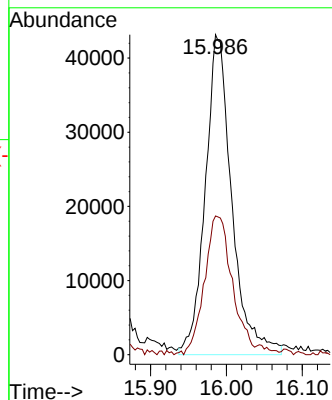
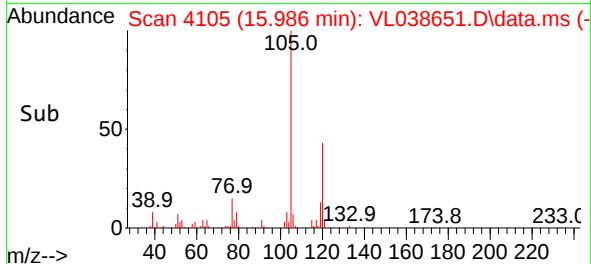
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



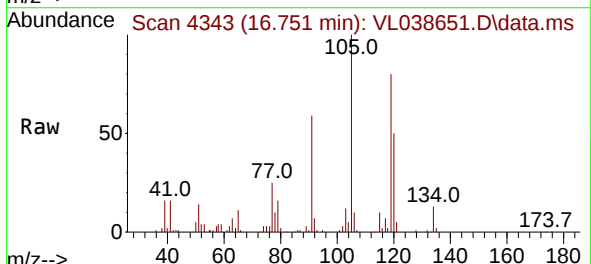
Tgt Ion:105 Resp: 10475
Ion Ratio Lower Upper
105 100
120 43.4 37.6 56.4

Manual Integrations
APPROVED

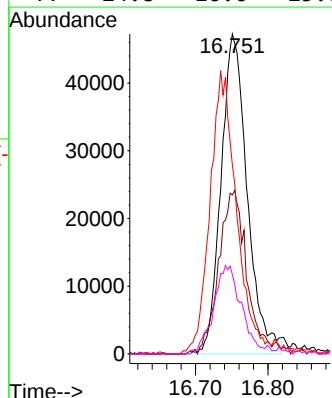
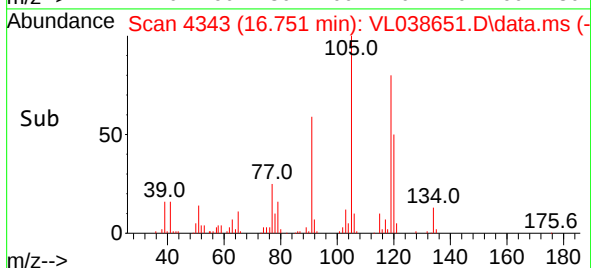
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

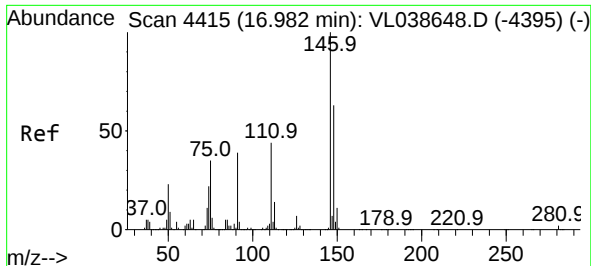


#74
1,2,4-Trimethylbenzene
Concen: 0.459 ppbv m
RT: 16.751 min Scan# 4343
Delta R.T. -0.000 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31



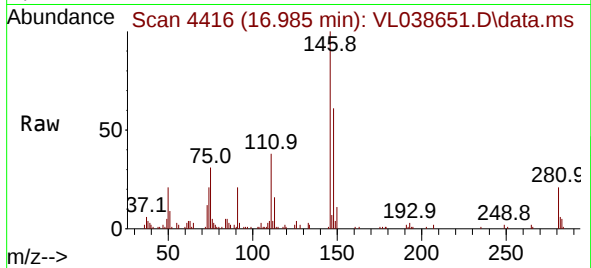
Tgt Ion:105 Resp: 118699
Ion Ratio Lower Upper
105 100
120 49.7 40.5 60.7
91 59.1 35.9 53.9#
77 24.8 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 0.477 ppbv m
RT: 16.985 min Scan# 4415
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31

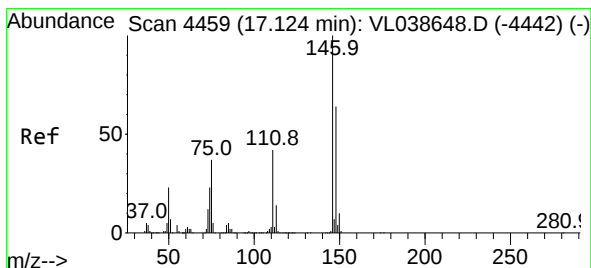
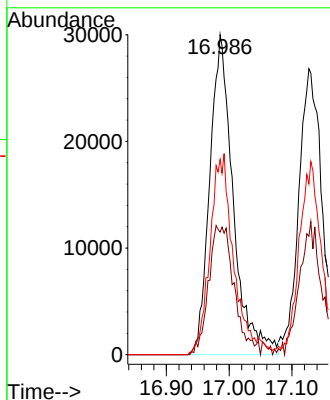
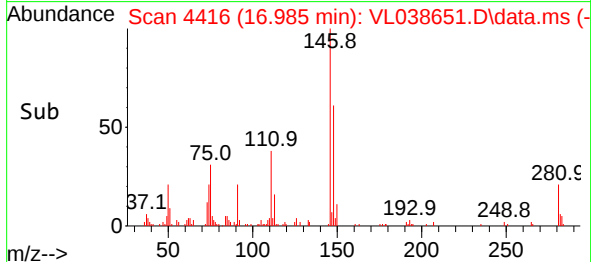
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



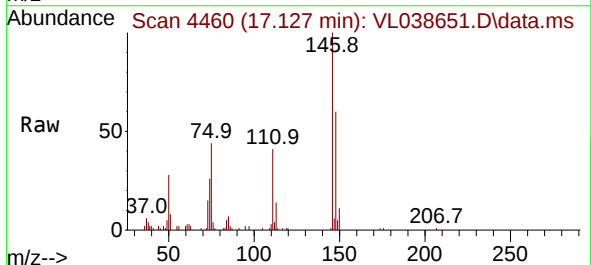
Tgt Ion:146 Resp: 77818
Ion Ratio Lower Upper
146 100
111 43.8 22.2 66.6
148 63.3 32.5 97.5

Manual Integrations
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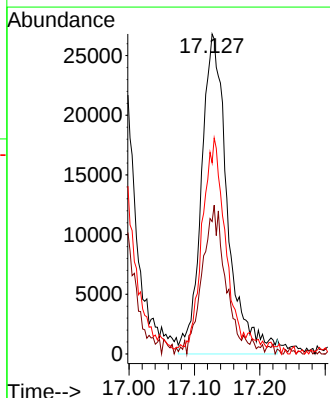
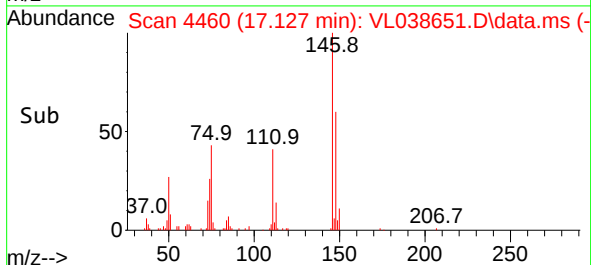
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

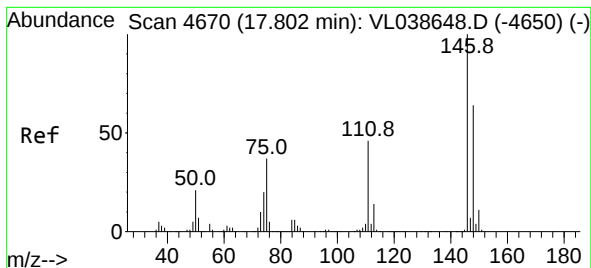


#76
1,4-Dichlorobenzene
Concen: 0.461 ppbv m
RT: 17.127 min Scan# 4460
Delta R.T. 0.003 min
Lab File: VL038651.D
Acq: 21 Mar 2022 14:31



Tgt Ion:146 Resp: 74534
Ion Ratio Lower Upper
146 100
111 44.4 21.4 64.2
148 65.5 32.1 96.3





#77

1,2-Dichlorobenzene

Concen: 0.475 ppbv m

RT: 17.809 min Scan# 4670

Delta R.T. 0.006 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

Instrument :

MSVOA_L

ClientSampleId :

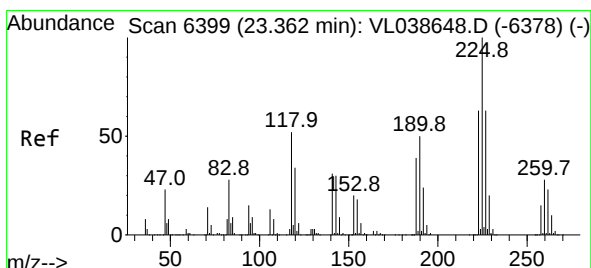
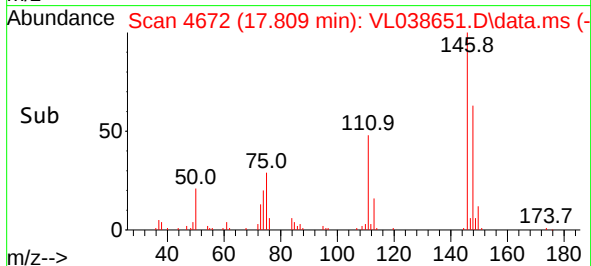
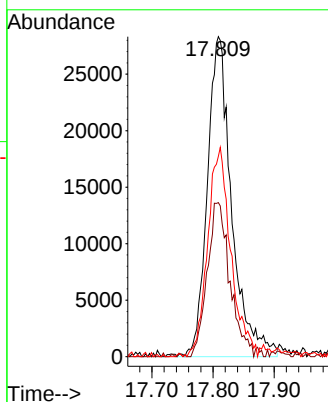
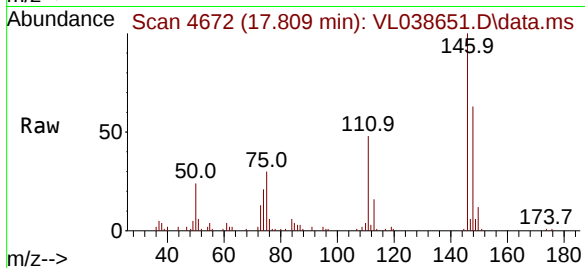
VSTDICC0.5

Tgt Ion:	146	Resp:	7846
Ion Ratio	Lower	Upper	
146	100		
111	47.1	22.8	68.4
148	65.2	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#78

Hexachloro-1,3-Butadiene

Concen: 0.496 ppbv m

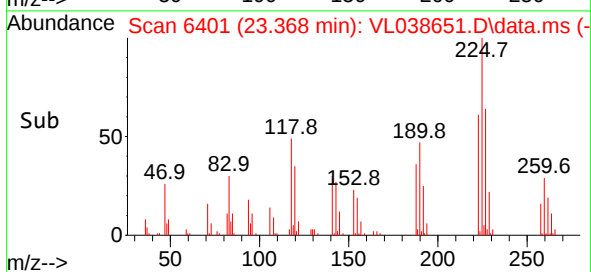
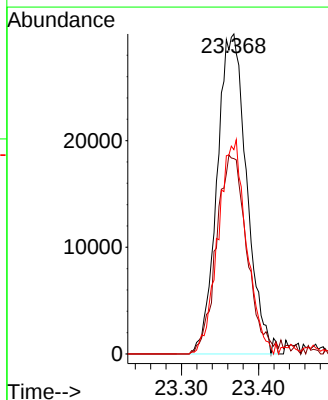
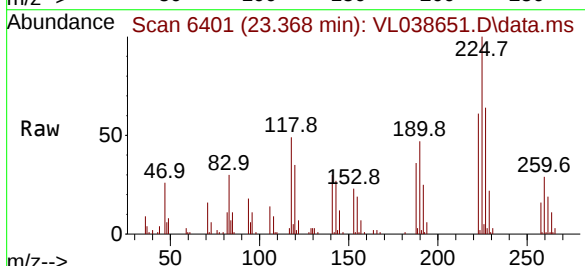
RT: 23.368 min Scan# 6401

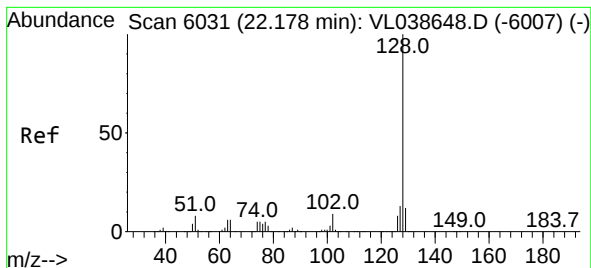
Delta R.T. 0.006 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

Tgt Ion:	225	Resp:	79903
Ion Ratio	Lower	Upper	
225	100		
223	66.4	51.0	76.6
227	0.0	51.5	77.3





#79

Naphthalene

Concen: 0.317 ppbv m

RT: 22.188 min Scan# 6031

Delta R.T. 0.009 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

Instrument :

MSVOA_L

ClientSampleId :

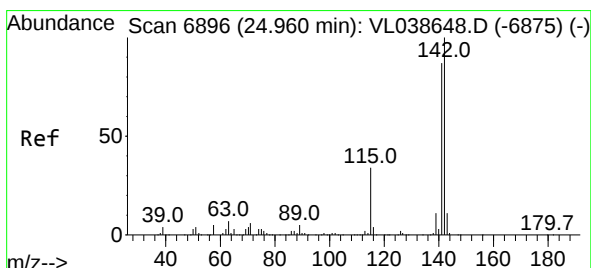
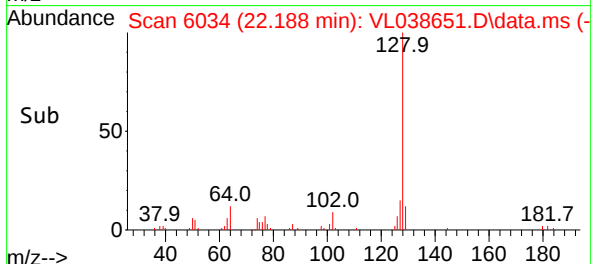
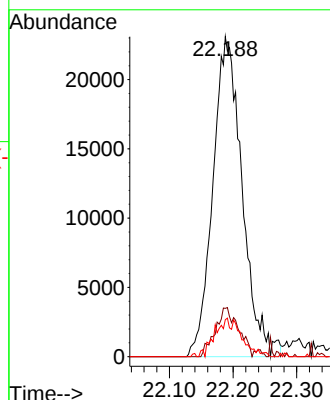
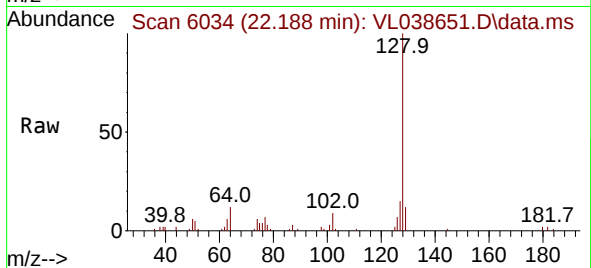
VSTDIC0.5

Tgt Ion:128	Resp:	7379
Ion Ratio	Lower	Upper
128	100	
127	15.1	10.2 15.4
129	11.6	9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#80

Naphthalene,2-methyl-

Concen: 0.409 ppbv m

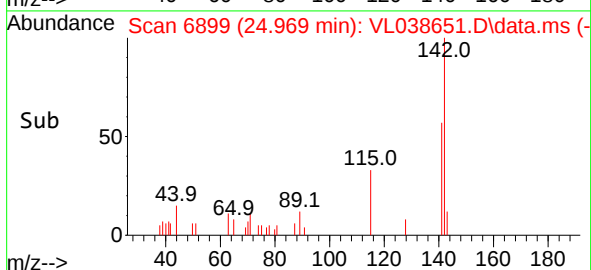
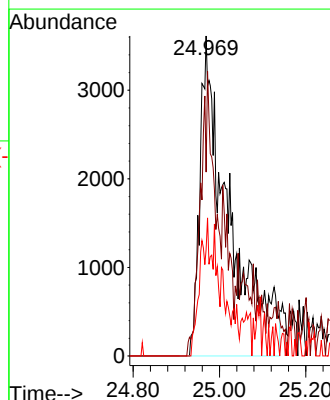
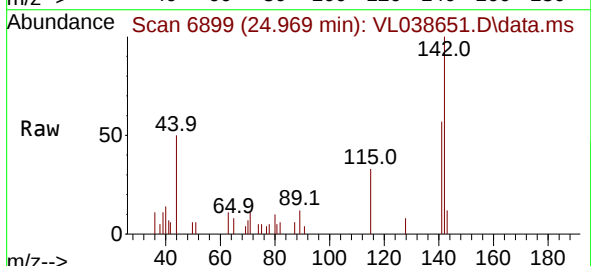
RT: 24.969 min Scan# 6899

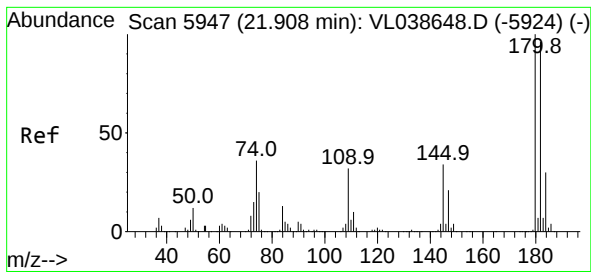
Delta R.T. 0.009 min

Lab File: VL038651.D

Acq: 21 Mar 2022 14:31

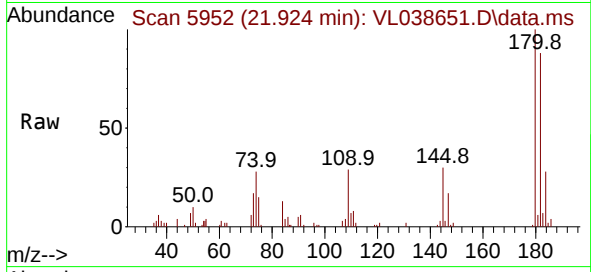
Tgt Ion:142	Resp:	16806
Ion Ratio	Lower	Upper
142	100	
141	60.2	66.4 99.6
115	30.7	27.8 41.6





#81
 1,2,4-Trichlorobenzene
 Concen: 0.373 ppbv m
 RT: 21.924 min Scan# 5947
 Delta R.T. 0.016 min
 Lab File: VL038651.D
 Acq: 21 Mar 2022 14:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:180 Resp: 55424
 Ion Ratio Lower Upper
 180 100
 182 0.0 79.2 118.8
 184 0.0 24.8 37.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022

