

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051322\
 Data File : VL039038.D
 Acq On : 13 May 2022 14:59
 Operator : SY/AP
 Sample : VL0513ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0513ABS01

Quant Time: May 14 00:53:20 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 14 00:53:20 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/16/2022
 Supervised By : Mahesh Dadoda 05/17/2022

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

Internal Standards						
1) Bromochloromethane	5.649	49	904332	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.157	114	2248486	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.060	117	1910854m	10.000	ppbv	-0.02

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 14.388 95 1613630 10.663 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.600%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.044	85	1390577	9.814 ppbv	97
3) Chlorodifluoromethane	2.983	51	1137724	10.139 ppbv	100
4) Chloromethane	3.134	50	572306	10.184 ppbv	100
5) Vinyl Chloride	3.250	62	565437	11.019 ppbv	95
6) Bromomethane	3.465	94	285684	11.785 ppbv	90
7) Chloroethane	3.549	64	192123	11.186 ppbv	99
8) Dichlorotetrafluoroethane	3.179	85	1416111	11.027 ppbv	99
9) Propene	3.002	41	492957	10.059 ppbv	96
10) Heptane	8.099	43	1247089	10.373 ppbv	99
11) Trichlorofluoromethane	3.938	101	1333807	10.971 ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.472	101	927366	11.073 ppbv	99
13) Ethanol	3.600	45	33612m	9.692 ppbv	
14) Bromoethene	3.732	108	414474	12.002 ppbv	96
15) Acetone	3.835	43	919645	10.781 ppbv	99
16) 1,3-Butadiene	3.321	39	527795	10.769 ppbv	100
17) tert-Butyl alcohol	4.266	59	726226	11.077 ppbv	98
18) 1,1-Dichloroethene	4.279	96	409350	11.357 ppbv	96
19) Isopropyl Alcohol	3.948	45	474804	11.706 ppbv #	96
20) Methylene Chloride	4.330	84	337284	10.490 ppbv	97
21) Allyl Chloride	4.398	41	643340	11.067 ppbv	100
22) trans-1,2-Dichloroethene	4.874	96	433013	11.122 ppbv	96
23) Vinyl Acetate	5.054	43	791435	11.726 ppbv #	98
24) 1,1-Dichloroethane	4.996	63	821419	10.569 ppbv	99
25) Ethyl Acetate	5.655	43	2184844	10.701 ppbv	99
26) Hexane	5.671	57	962733	10.612 ppbv	97
27) Carbon Disulfide	4.539	76	1029203	11.943 ppbv	98
28) Methyl tert-Butyl Ether	5.018	73	775073	11.229 ppbv	100
29) Chloroform	5.735	83	1597600	10.885 ppbv	97
30) Cyclohexane	7.112	84	804073	10.586 ppbv	96
31) cis-1,2-Dichloroethene	5.533	61	1001182	10.833 ppbv	97
32) 1,1,1-Trichloroethane	6.491	97	1604568	10.933 ppbv	99
34) 2-Butanone	5.224	43	1307119	11.395 ppbv	97
35) Carbon Tetrachloride	7.002	117	1642809	11.089 ppbv	99
36) Benzene	6.870	78	1967251	10.224 ppbv	99
37) 1,2-Dichloroethane	6.288	62	1262312	10.603 ppbv	100
38) Trichloroethene	7.812	130	865011	10.112 ppbv	94
39) 1,2-Dichloropropane	7.591	63	770917	10.297 ppbv	95
40) 1,4-Dioxane	7.809	88	279611	10.398 ppbv #	1
41) Tetrahydrofuran	6.031	42	795742	10.321 ppbv	99
42) Bromodichloromethane	7.771	83	1746035	10.727 ppbv	99
43) Methyl Methacrylate	7.992	69	826184	10.576 ppbv	99
44) 2,2,4-Trimethylpentane	7.851	57	3361176	9.955 ppbv	100
45) t-1,3-Dichloropropene	9.256	75	953409	12.608 ppbv	98

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 ClientSampleId :
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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/16/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 14 00:53:20 2022

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 12 11:21:22 2022

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.681	75	1151357	11.482	ppbv	98
47) 1,1,2-Trichloroethane	9.452	97	807907	10.375	ppbv	98
48) Dibromochloromethane	10.282	129	1416473	11.176	ppbv	100
49) Bromoform	13.015	173	1112451	11.509	ppbv	98
50) 4-Methyl-2-Pentanone	8.716	43	2082817	10.355	ppbv	99
51) 2-Hexanone	10.105	43	1671320	11.384	ppbv #	100
52) Tetrachloroethene	11.201	164	686364	9.982	ppbv	96
53) Toluene	9.783	91	2267843	10.515	ppbv	100
54) 1,2-Dibromoethane	10.587	107	1156843	10.913	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.102	131	972457	11.599	ppbv	99
57) Chlorobenzene	12.121	112	1613886	11.267	ppbv	98
58) Ethyl Benzene	12.687	91	3099031	11.269	ppbv	97
59) m/p-Xylene	12.970	91	5319830m	22.660	ppbv	
60) o-Xylene	13.664	91	2478139	11.215	ppbv	100
61) Styrene	13.500	104	1422724	12.061	ppbv	99
62) Isopropylbenzene	14.639	105	3609235	11.170	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.648	83	1426280	10.962	ppbv	100
64) n-propylbenzene	15.532	120	912866	11.685	ppbv	99
65) tert-Butylbenzene	16.719	119	3165408	11.181	ppbv	99
66) Benzyl Chloride	16.963	91	550076	14.864	ppbv	98
67) sec-Butylbenzene	17.265	105	4512067	11.155	ppbv	99
69) p-Isopropyltoluene	17.626	119	3723824	11.396	ppbv	99
70) n-Butylbenzene	18.519	91	4000820	11.524	ppbv	100
71) 2-Chlorotoluene	15.423	91	2799468	11.238	ppbv	99
72) 4-Ethyltoluene	15.812	105	2953605	11.731	ppbv	99
73) 1,3,5-Trimethylbenzene	15.970	105	2635914	11.629	ppbv	97
74) 1,2,4-Trimethylbenzene	16.735	105	2837564	11.433	ppbv	97
75) 1,3-Dichlorobenzene	16.966	146	1577159	11.598	ppbv	99
76) 1,4-Dichlorobenzene	17.111	146	1598997m	11.953	ppbv	
77) 1,2-Dichlorobenzene	17.786	146	1529521	11.373	ppbv	99
78) Hexachloro-1,3-Butadiene	23.342	225	1238813	10.022	ppbv	99
79) Naphthalene	22.159	128	2598814	12.891	ppbv	99
80) Naphthalene,2-methyl-	24.940	142	837754	13.737	ppbv	97
81) 1,2,4-Trichlorobenzene	21.892	180	1379227	11.675	ppbv	99

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VL0513ABS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

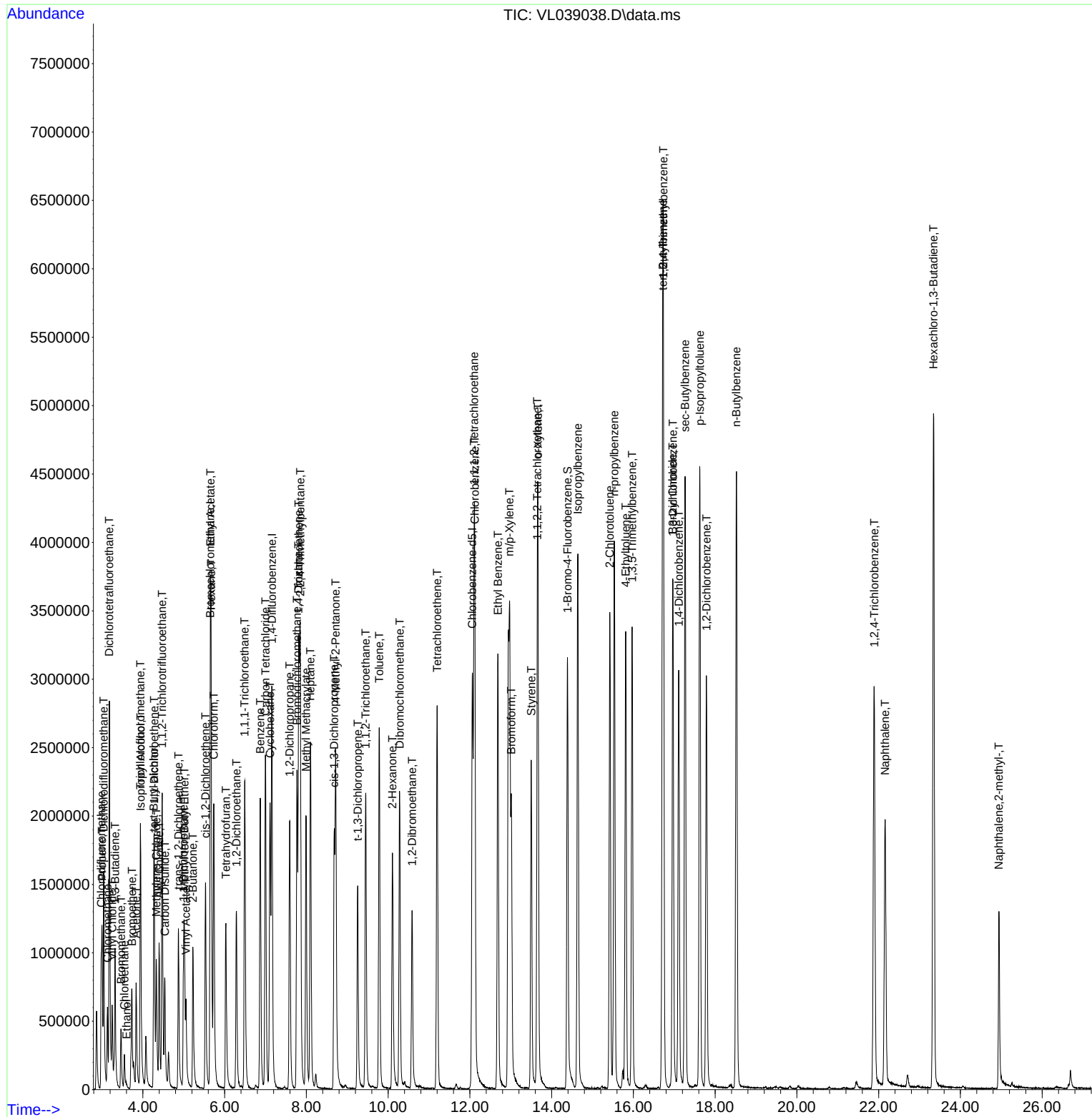
Quant Time: May 14 00:53:20 2022

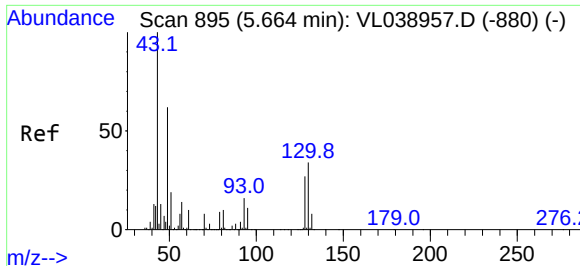
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May

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

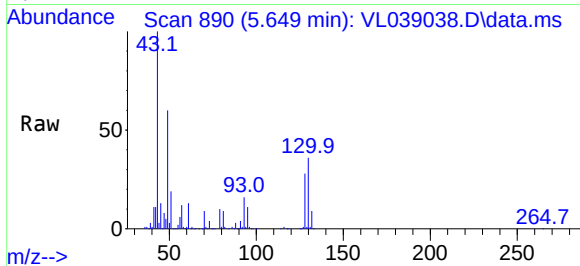
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.649 min Scan# 89
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

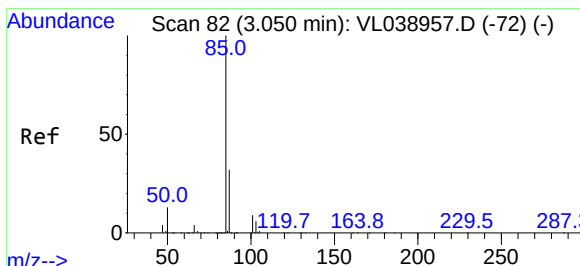
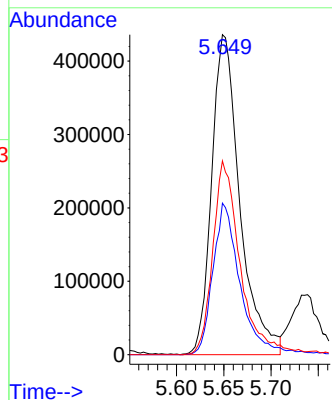
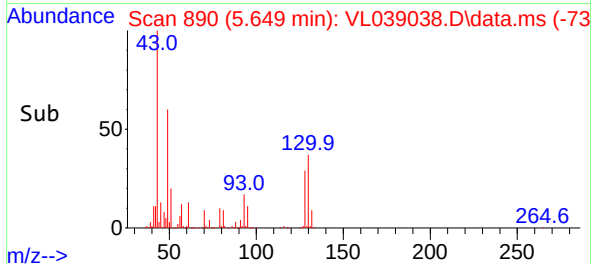
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



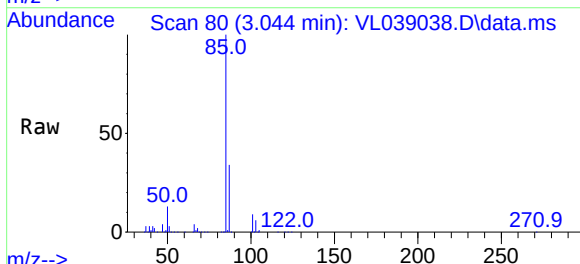
Tgt Ion: 49 Resp: 90433
Ion Ratio Lower Upper
49 100
128 46.5 23.3 69.8
130 59.8 29.8 89.3

Manual Integrations
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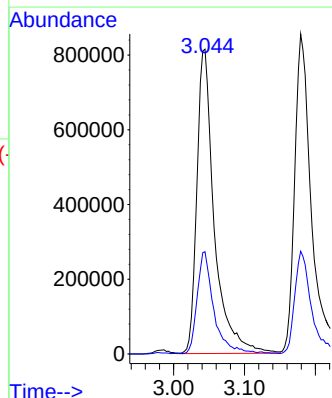
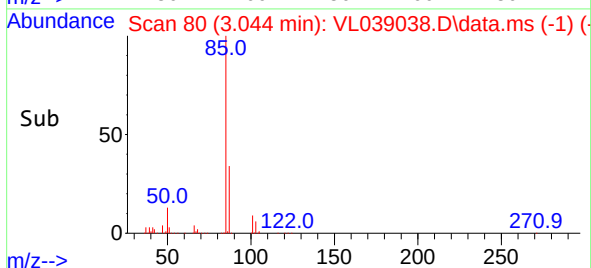
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

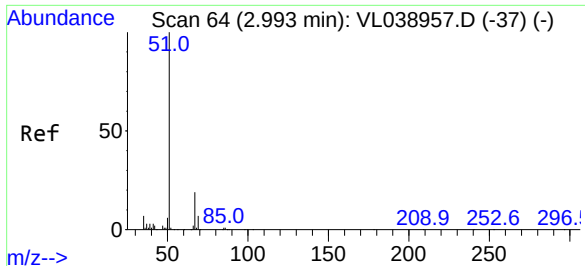


#2
Dichlorodifluoromethane
Concen: 9.814 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



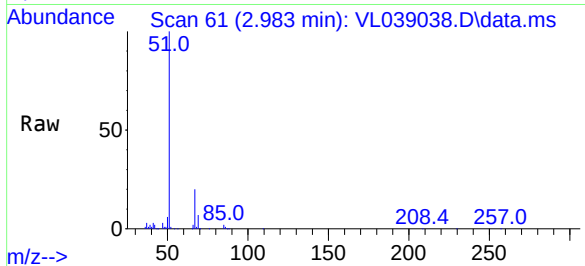
Tgt Ion: 85 Resp: 1390577
Ion Ratio Lower Upper
85 100
87 33.5 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.139 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.009 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

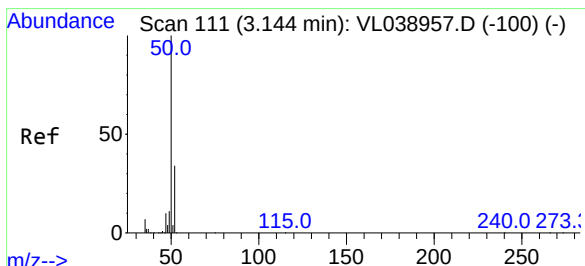
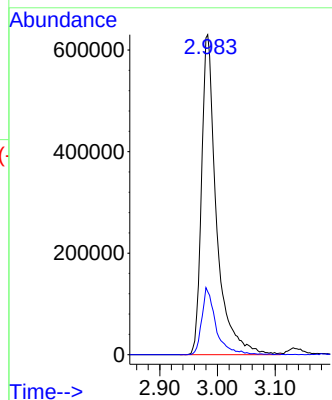
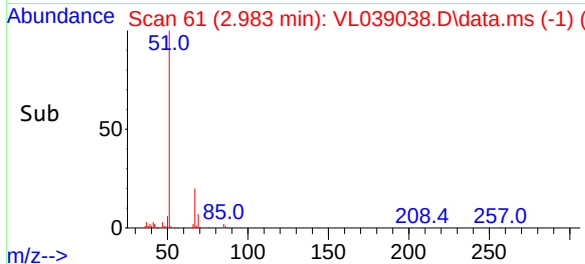
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



Tgt Ion: 51 Resp: 1137724
Ion Ratio Lower Upper
51 100
67 20.0 15.8 23.8

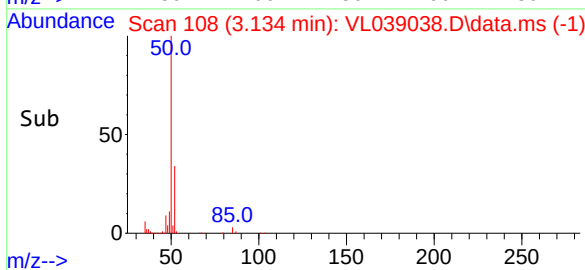
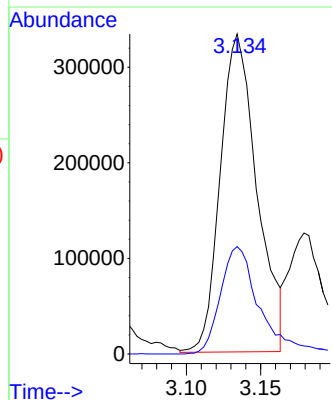
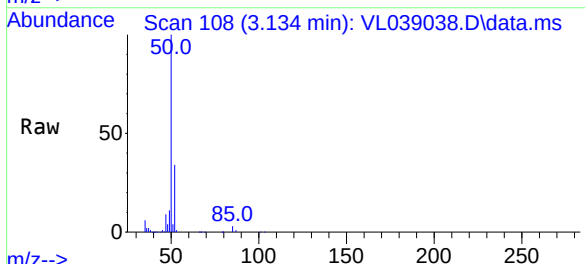
Manual Integrations
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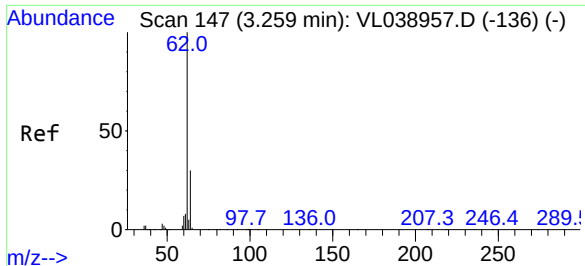
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#4
Chloromethane
Concen: 10.184 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.009 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion: 50 Resp: 572306
Ion Ratio Lower Upper
50 100
52 34.0 27.3 40.9





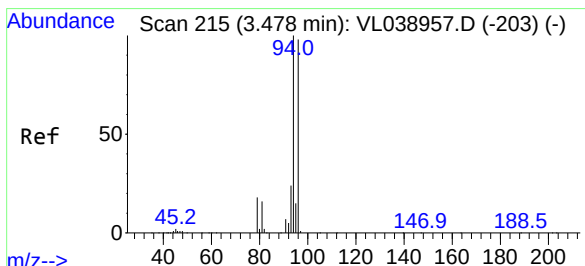
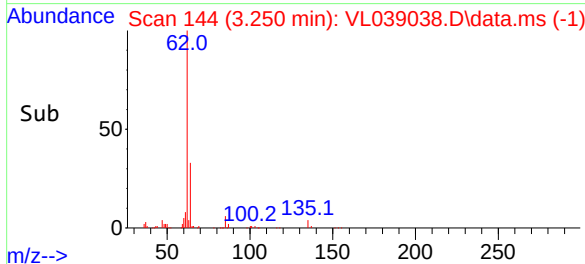
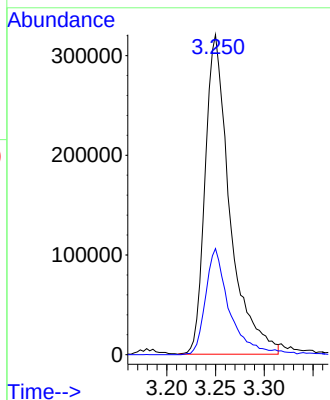
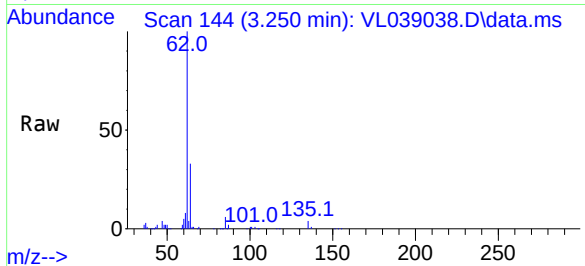
#5
 Vinyl Chloride
 Concen: 11.019 ppbv
 RT: 3.250 min Scan# 147
 Delta R.T. -0.009 min
 Lab File: VL039038.D
 Acq: 13 May 2022 14:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0513ABS01

Tgt Ion: 62 Resp: 56543
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.2 36.4

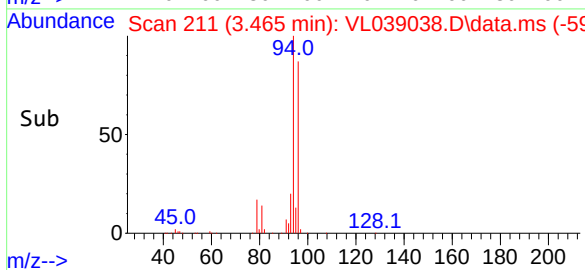
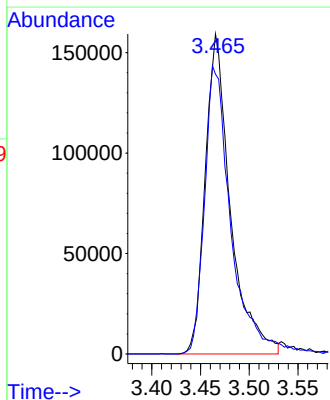
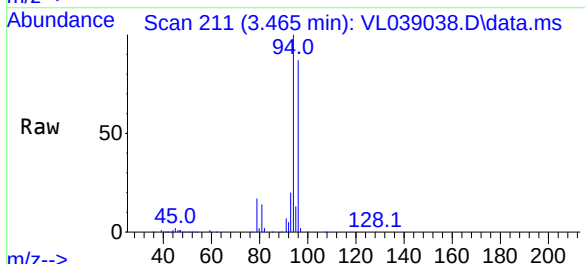
Manual Integrations
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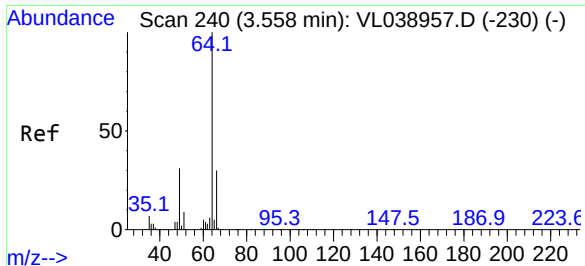
Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#6
 Bromomethane
 Concen: 11.785 ppbv
 RT: 3.465 min Scan# 211
 Delta R.T. -0.013 min
 Lab File: VL039038.D
 Acq: 13 May 2022 14:59

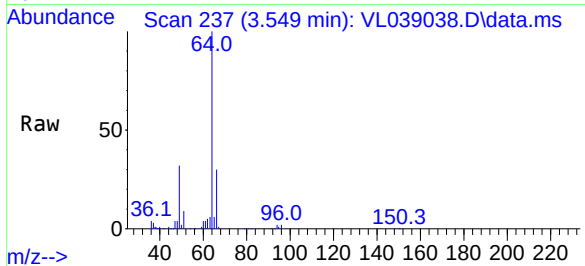
Tgt Ion: 94 Resp: 285684
 Ion Ratio Lower Upper
 94 100
 96 87.5 78.1 117.1





#7
Chloroethane
Concen: 11.186 ppbv
RT: 3.549 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

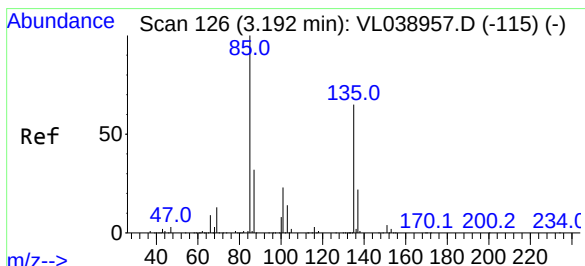
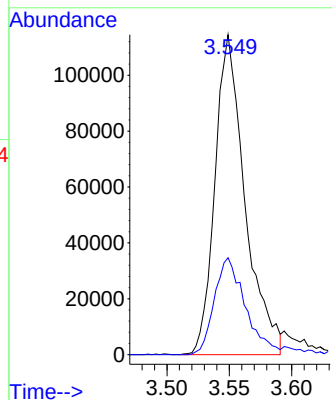
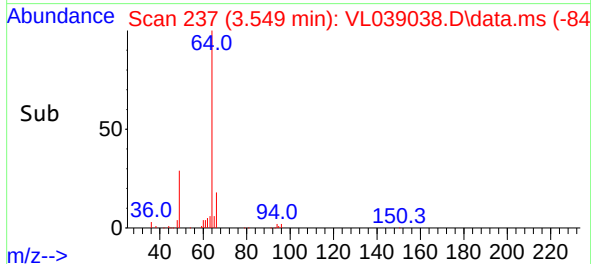
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



Tgt Ion: 64 Resp: 19212
Ion Ratio Lower Upper
64 100
66 30.3 23.8 35.8

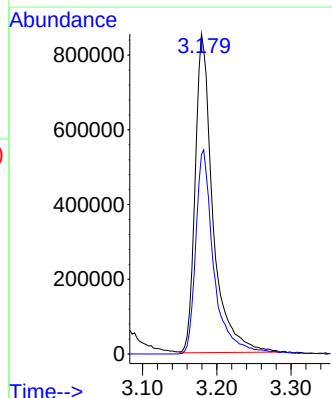
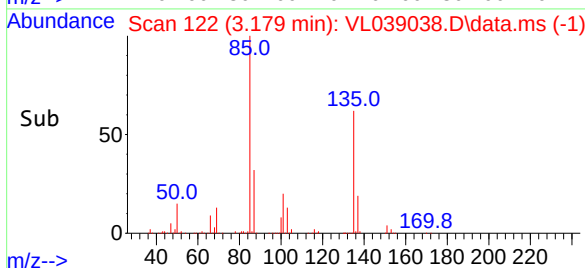
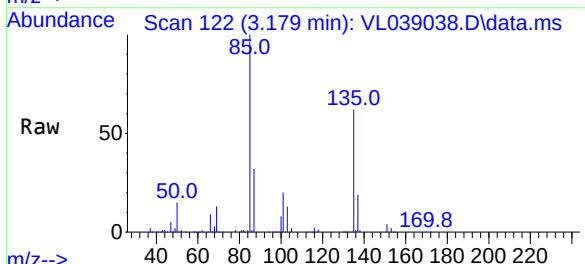
Manual Integrations
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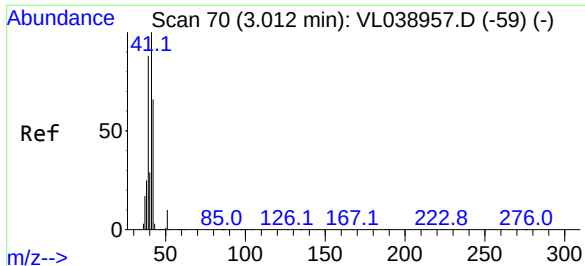
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#8
Dichlorotetrafluoroethane
Concen: 11.027 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion: 85 Resp: 1416111
Ion Ratio Lower Upper
85 100
135 66.3 53.6 80.4





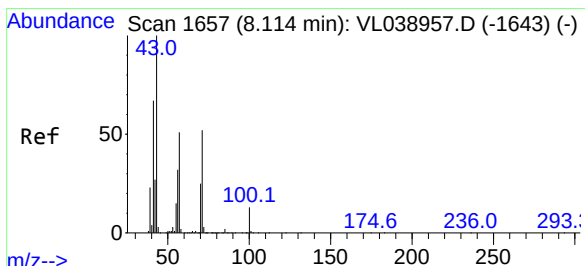
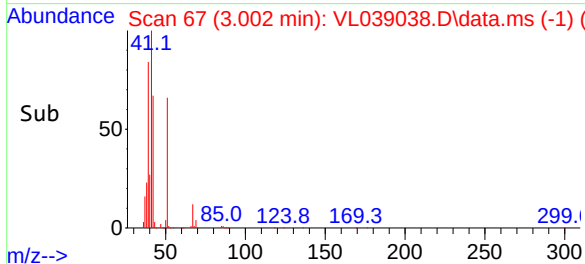
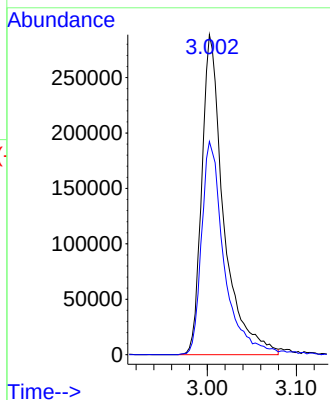
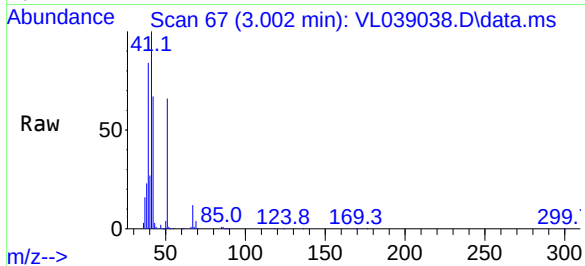
#9
Propene
Concen: 10.059 ppbv
RT: 3.002 min Scan# 61
Delta R.T. -0.009 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion: 41 Resp: 49295
Ion Ratio Lower Upper
41 100
42 69.5 58.3 87.5

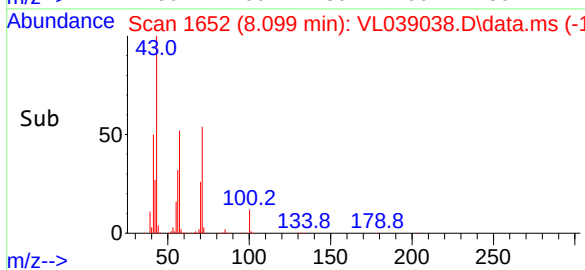
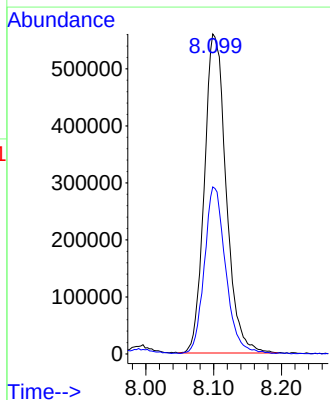
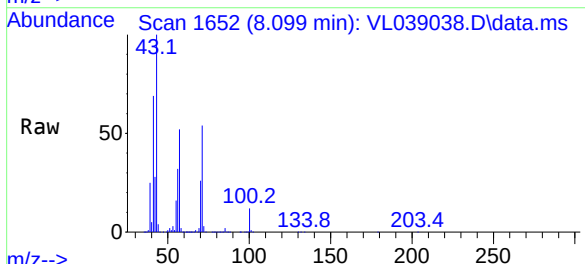
Manual Integrations
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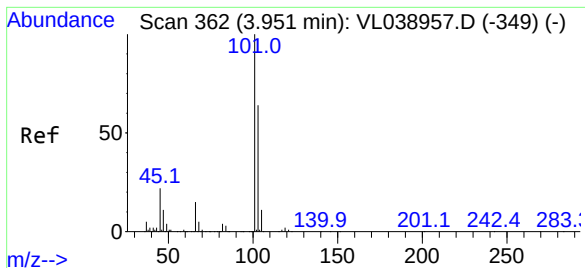
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#10
Heptane
Concen: 10.373 ppbv
RT: 8.099 min Scan# 1652
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion: 43 Resp: 1247089
Ion Ratio Lower Upper
43 100
57 51.2 40.5 60.7





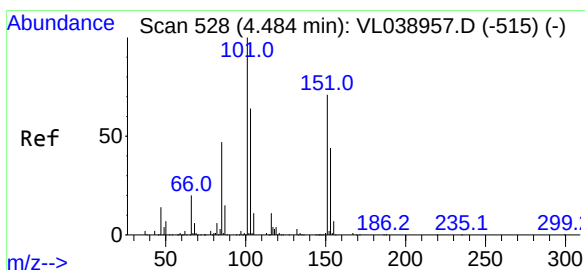
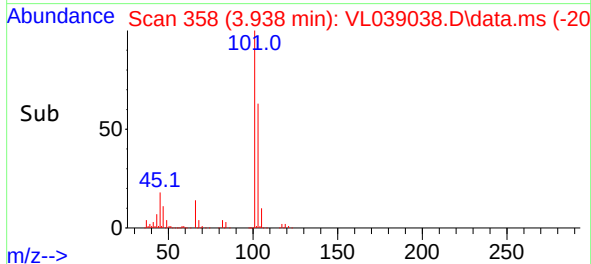
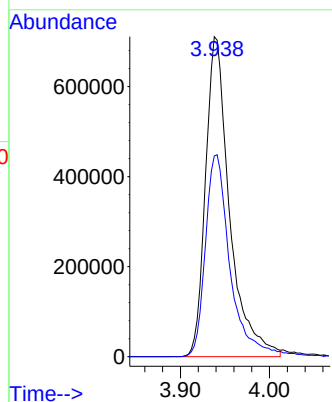
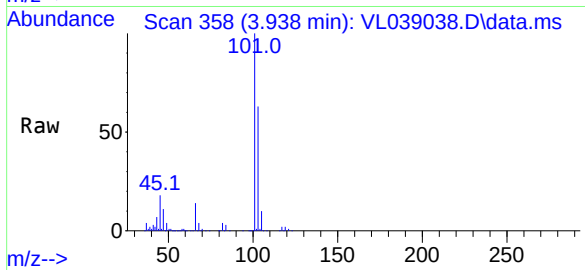
#11
Trichlorofluoromethane
Concen: 10.971 ppbv
RT: 3.938 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion:101 Resp: 133380
Ion Ratio Lower Upper
101 100
103 62.7 51.5 77.3

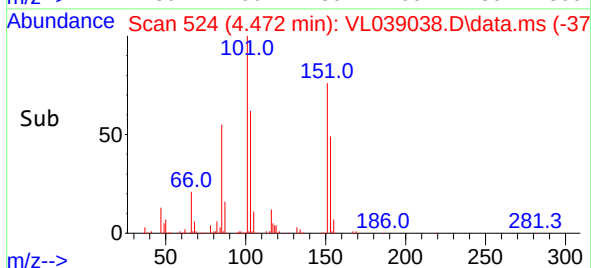
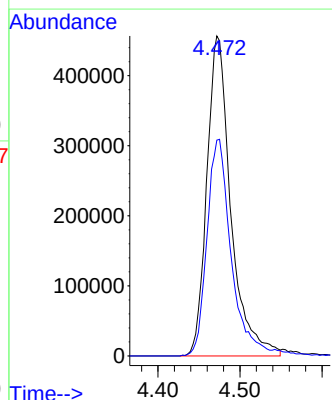
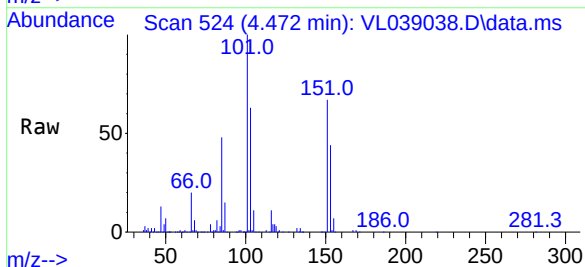
Manual Integrations
APPROVED

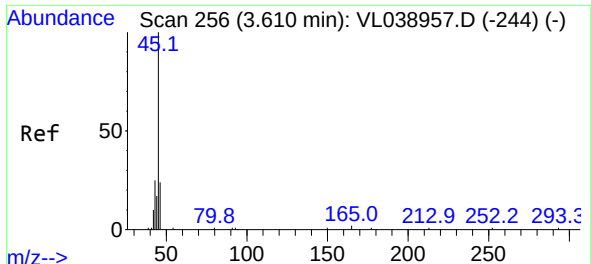
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.073 ppbv
RT: 4.472 min Scan# 524
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion:101 Resp: 927366
Ion Ratio Lower Upper
101 100
151 69.7 55.4 83.0





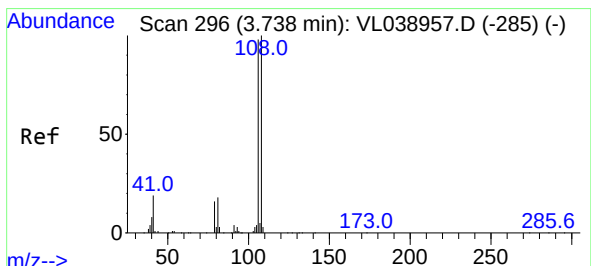
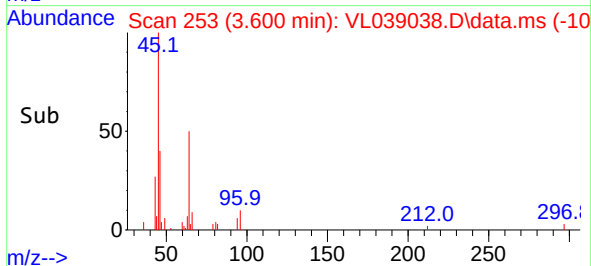
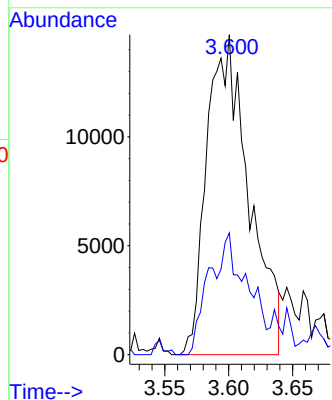
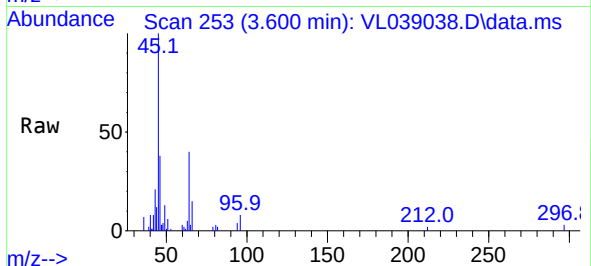
#13
Ethanol
Concen: 9.692 ppbv m
RT: 3.600 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion: 45 Resp: 33612
Ion Ratio Lower Upper
45 100
46 40.5 18.0 72.2

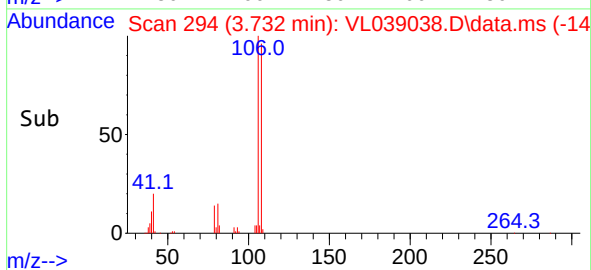
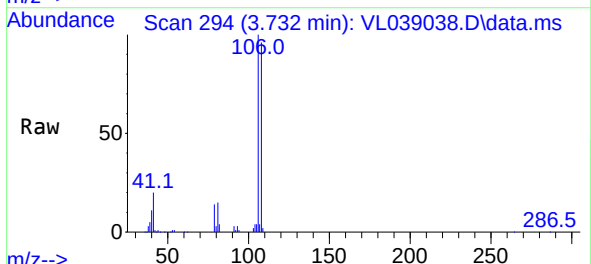
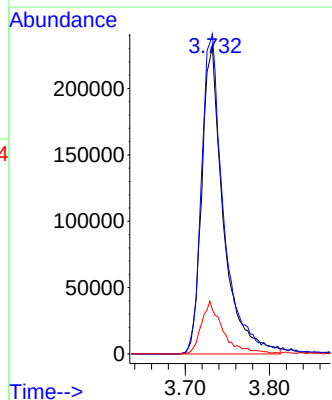
Manual Integrations
APPROVED

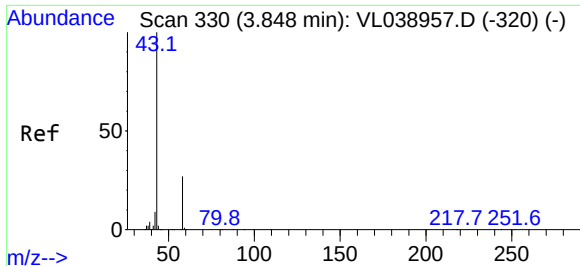
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#14
Bromoethene
Concen: 12.002 ppbv
RT: 3.732 min Scan# 294
Delta R.T. -0.006 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion:108 Resp: 414474
Ion Ratio Lower Upper
108 100
106 107.7 90.3 135.5
79 18.0 14.9 22.3





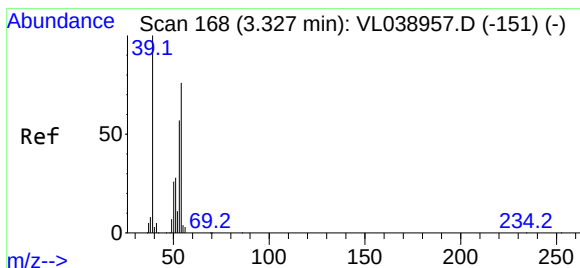
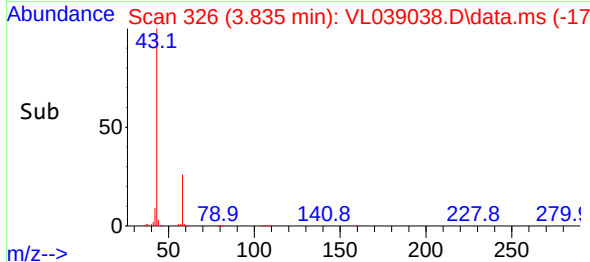
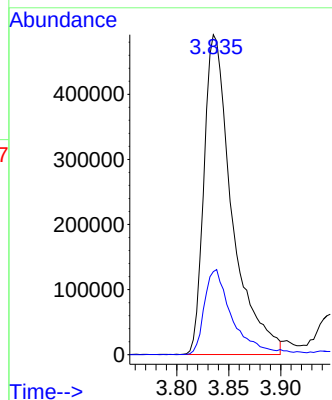
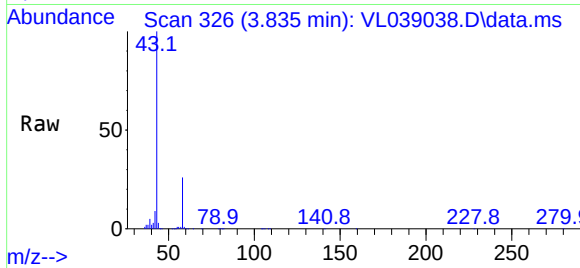
#15
Acetone
Concen: 10.781 ppbv
RT: 3.835 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion: 43 Resp: 91964
Ion Ratio Lower Upper
43 100
58 27.1 21.3 31.9

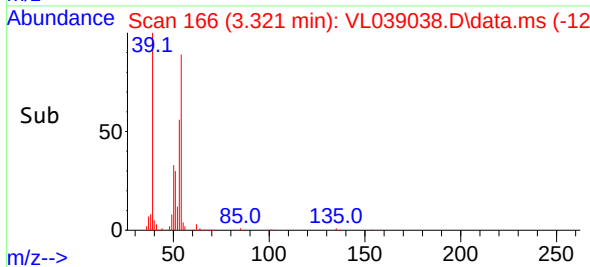
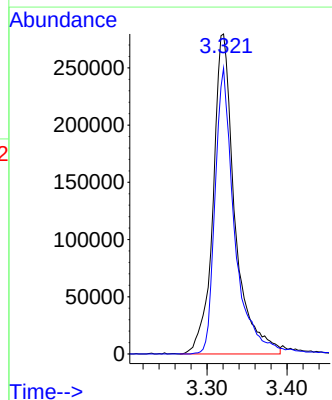
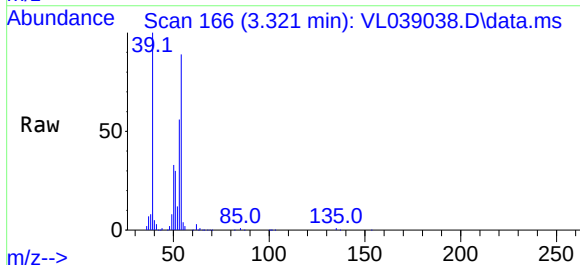
Manual Integrations
APPROVED

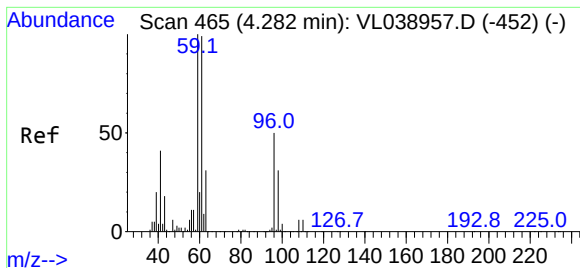
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#16
1,3-Butadiene
Concen: 10.769 ppbv
RT: 3.321 min Scan# 166
Delta R.T. -0.006 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion: 39 Resp: 527795
Ion Ratio Lower Upper
39 100
54 81.4 65.2 97.8





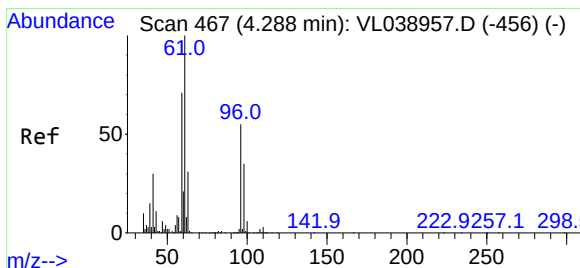
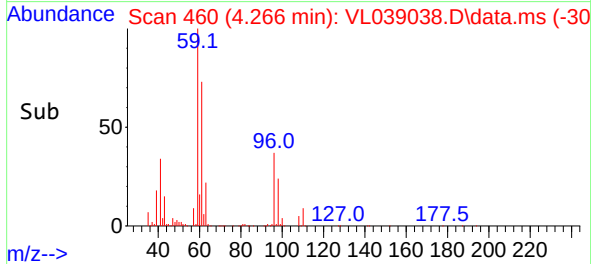
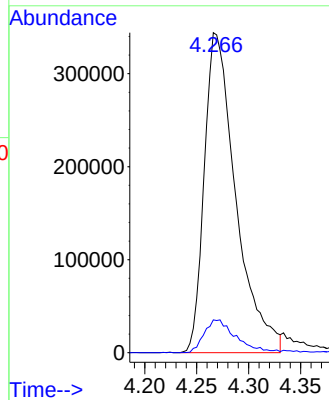
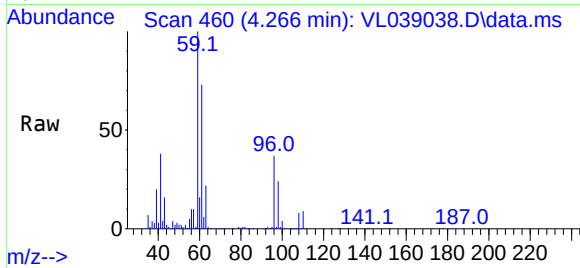
#17
tert-Butyl alcohol
Concen: 11.077 ppbv
RT: 4.266 min Scan# 40
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion: 59 Resp: 726220
Ion Ratio Lower Upper
59 100
57 10.7 9.2 13.8

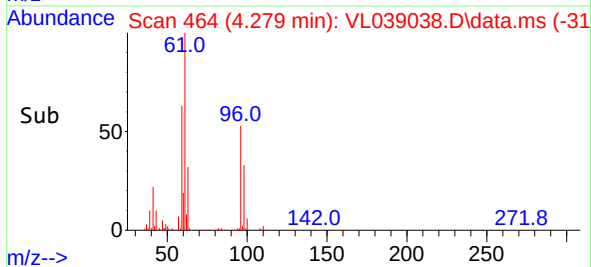
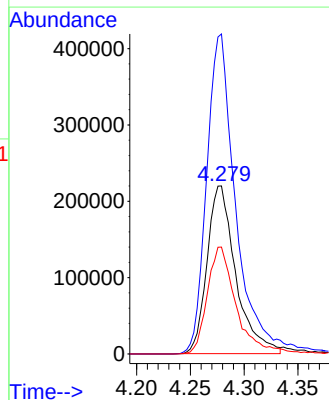
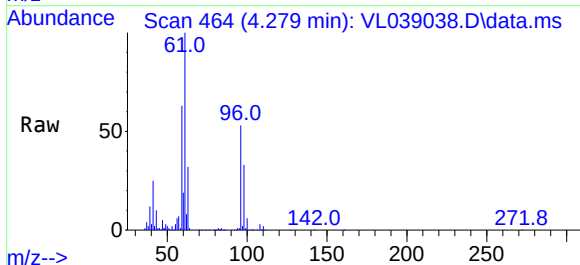
Manual Integrations
APPROVED

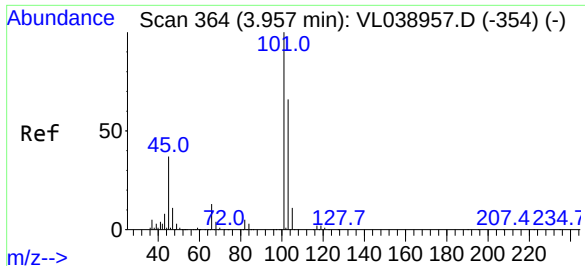
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#18
1,1-Dichloroethene
Concen: 11.357 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.009 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion: 96 Resp: 409350
Ion Ratio Lower Upper
96 100
61 190.5 146.3 219.5
98 63.5 50.6 75.8





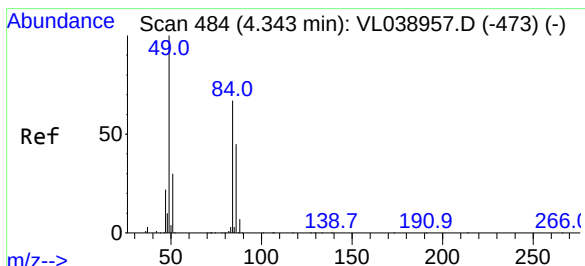
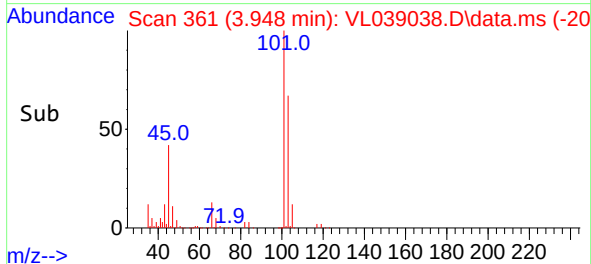
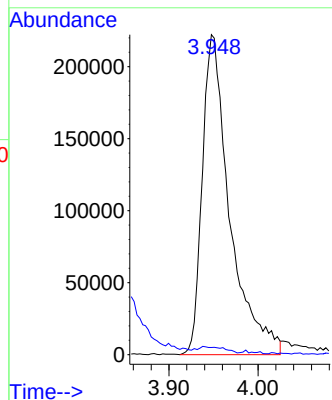
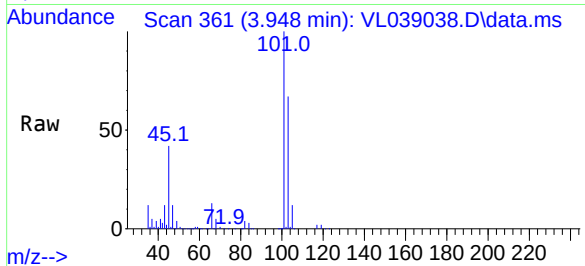
#19
Isopropyl Alcohol
Concen: 11.706 ppbv
RT: 3.948 min Scan# 30
Delta R.T. -0.009 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion: 45 Resp: 474804
Ion Ratio Lower Upper
45 100
58 3.1 1.4 2.2

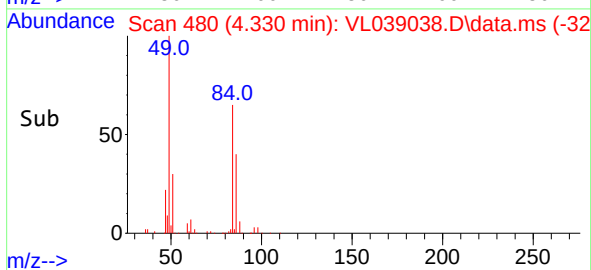
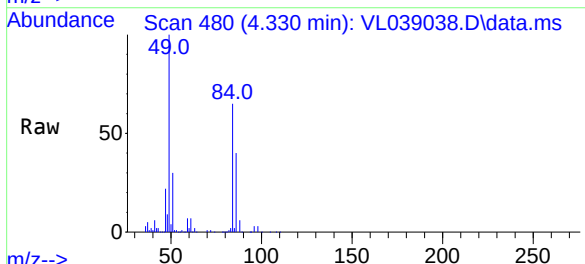
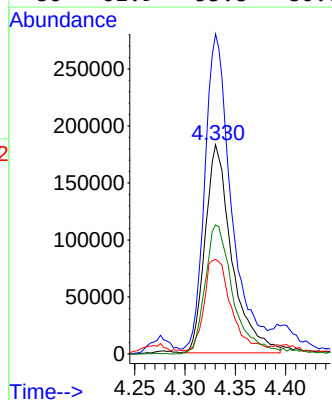
Manual Integrations
APPROVED

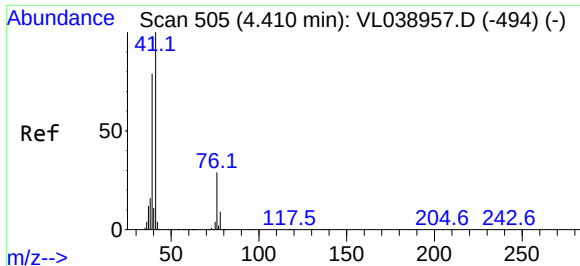
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#20
Methylene Chloride
Concen: 10.490 ppbv
RT: 4.330 min Scan# 480
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion: 84 Resp: 337284
Ion Ratio Lower Upper
84 100
49 151.4 119.9 179.9
51 43.7 35.7 53.5
86 61.9 53.8 80.6





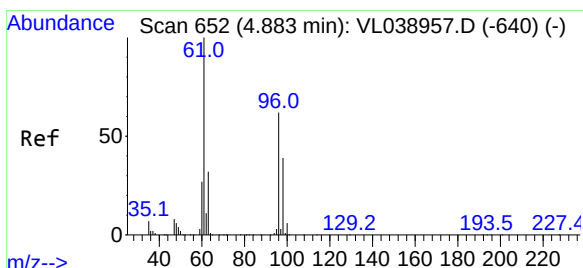
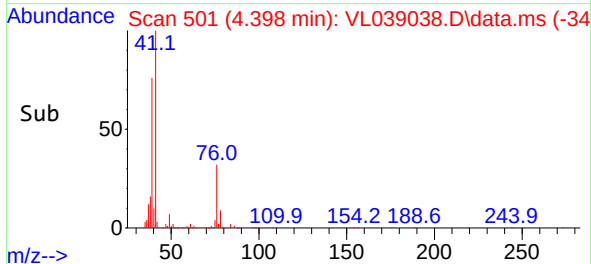
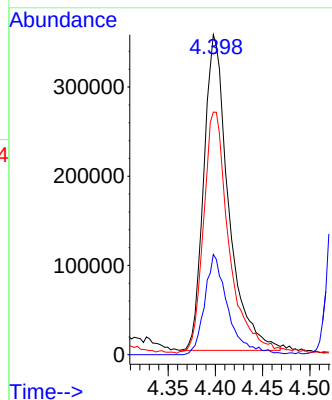
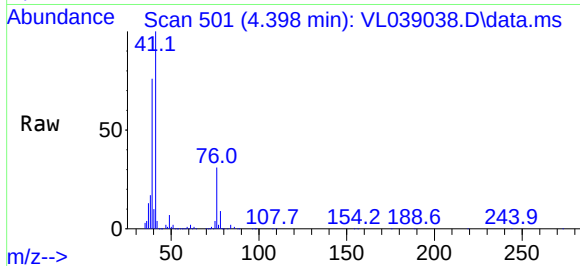
#21
 Allyl Chloride
 Concen: 11.067 ppbv
 RT: 4.398 min Scan# 505
 Delta R.T. -0.013 min
 Lab File: VL039038.D
 Acq: 13 May 2022 14:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0513ABS01

Tgt Ion: 41 Resp: 643340
 Ion Ratio Lower Upper
 41 100
 76 30.0 24.2 36.4
 39 80.1 63.8 95.8

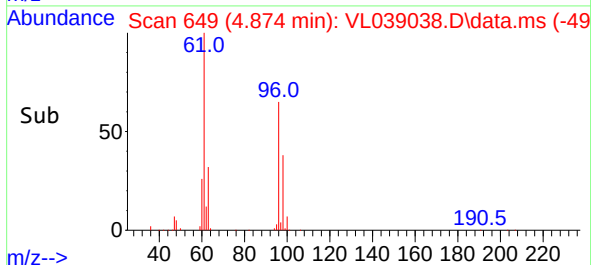
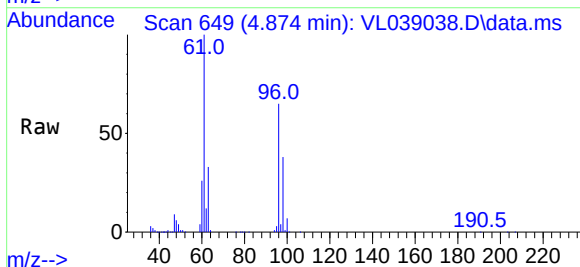
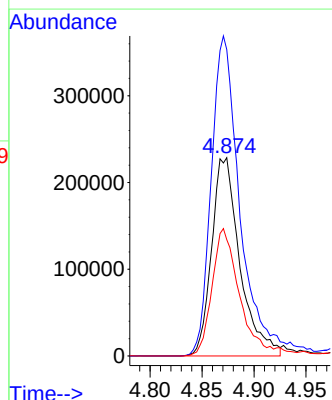
Manual Integrations
 APPROVED

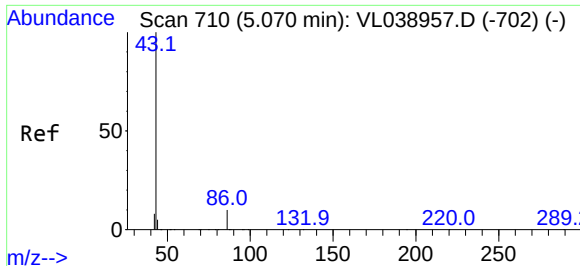
Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.122 ppbv
 RT: 4.874 min Scan# 649
 Delta R.T. -0.009 min
 Lab File: VL039038.D
 Acq: 13 May 2022 14:59

Tgt Ion: 96 Resp: 433013
 Ion Ratio Lower Upper
 96 100
 61 154.6 128.2 192.2
 98 58.7 50.1 75.1





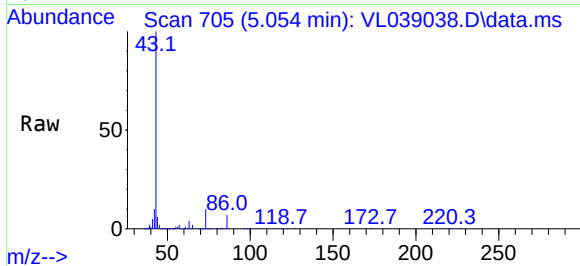
#23
 Vinyl Acetate
 Concen: 11.726 ppbv
 RT: 5.054 min Scan# 705
 Delta R.T. -0.016 min
 Lab File: VL039038.D
 Acq: 13 May 2022 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL0513ABS01

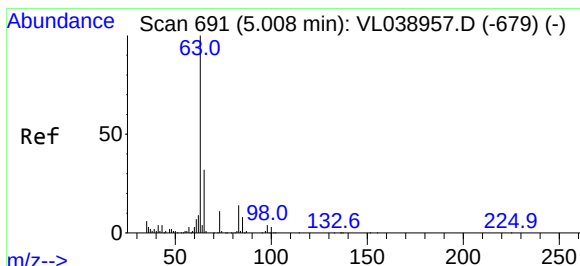
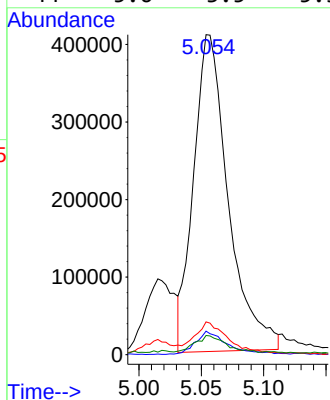
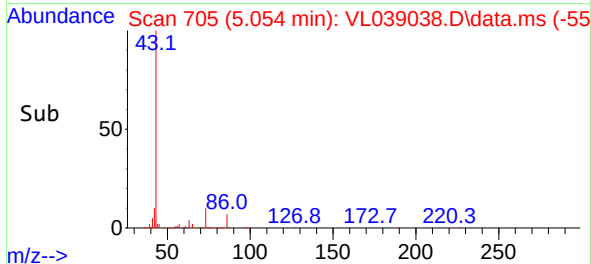


Tgt Ion: 43 Resp: 791435
 Ion Ratio Lower Upper
 43 100
 86 7.4 6.6 9.8
 42 10.3 8.1 12.1
 44 5.6 3.5 5.3#

Manual Integrations

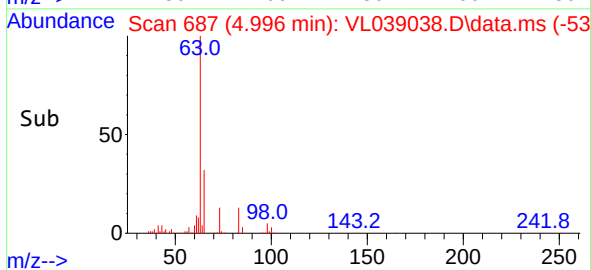
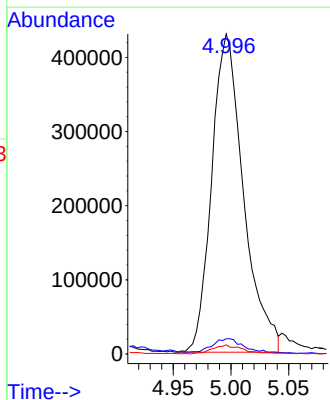
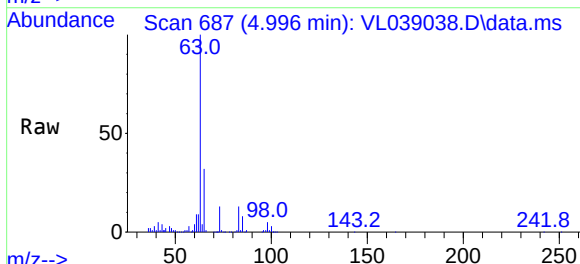
APPROVED

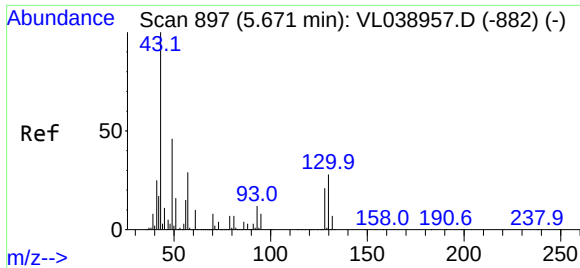
Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#24
 1,1-Dichloroethane
 Concen: 10.569 ppbv
 RT: 4.996 min Scan# 687
 Delta R.T. -0.013 min
 Lab File: VL039038.D
 Acq: 13 May 2022 14:59

Tgt Ion: 63 Resp: 821419
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.1 6.2
 100 2.8 1.4 4.2





#25
Ethyl Acetate
Concen: 10.701 ppbv
RT: 5.655 min Scan# 891
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

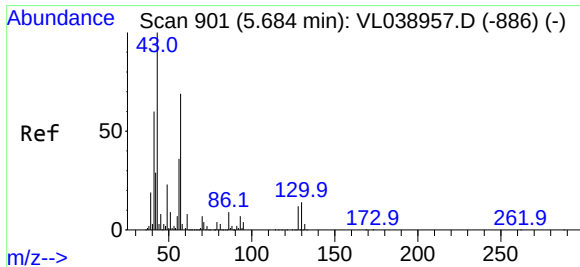
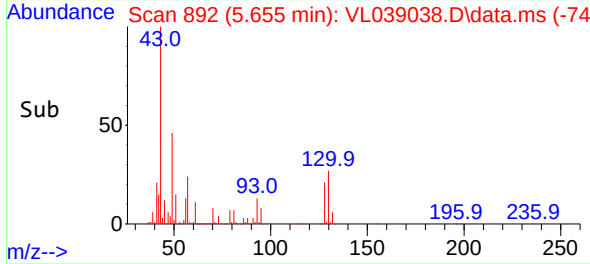
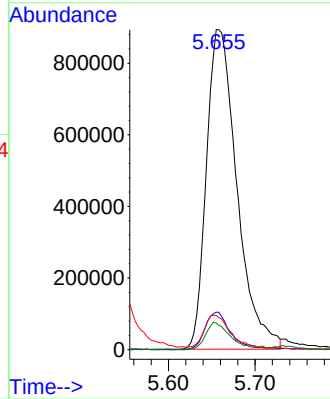
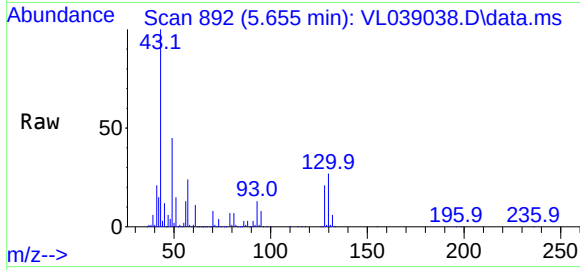
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion: 43 Resp: 218484

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.1	12.1
61	10.0	7.8	11.6
70	7.0	5.6	8.4

Manual Integrations
APPROVED

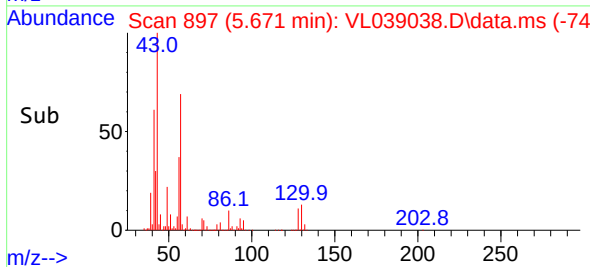
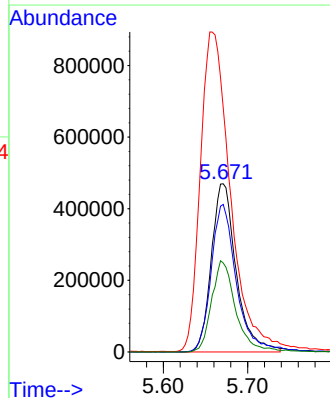
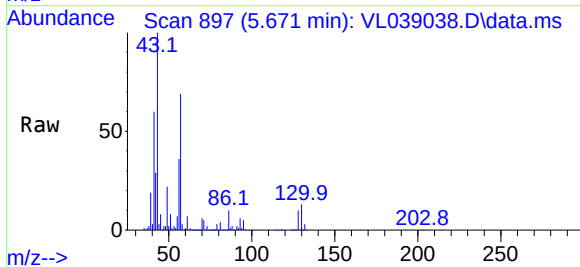
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

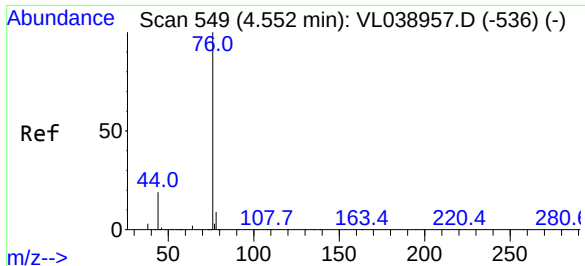


#26
Hexane
Concen: 10.612 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion: 57 Resp: 962733

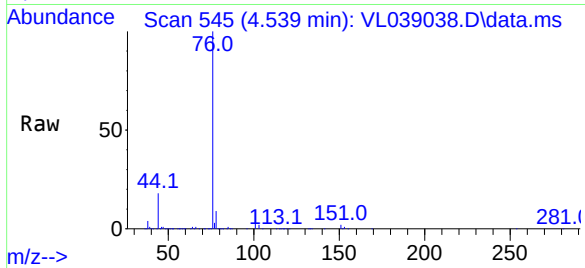
Ion	Ratio	Lower	Upper
57	100		
41	90.1	75.2	112.8
43	233.2	190.8	286.2
56	53.2	43.0	64.6





#27
Carbon Disulfide
Concen: 11.943 ppbv
RT: 4.539 min Scan# 549
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

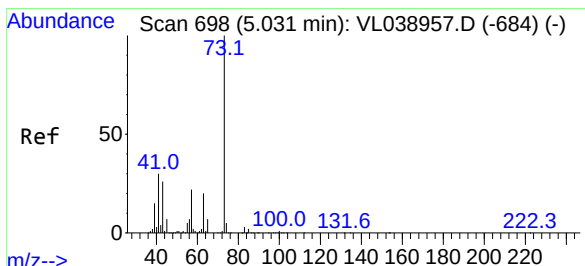
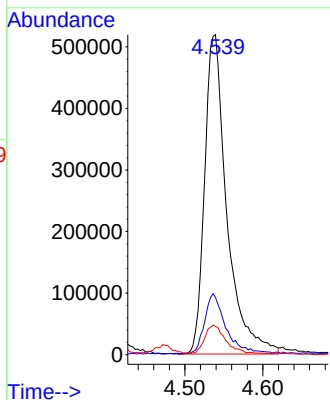
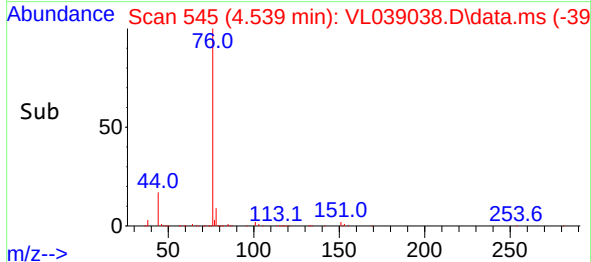


Tgt Ion: 76 Resp: 102920

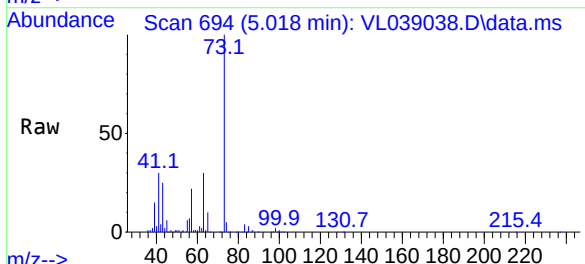
Ion	Ratio	Lower	Upper
76	100		
44	18.1	15.3	22.9
78	9.3	8.2	12.2

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Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

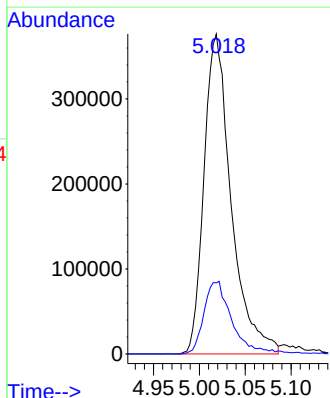
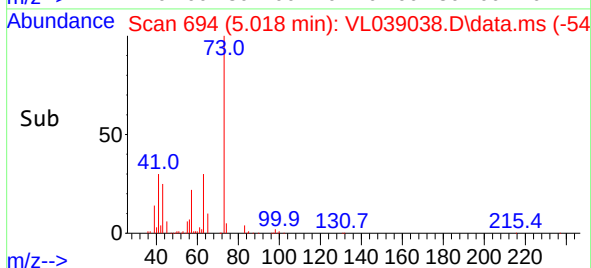


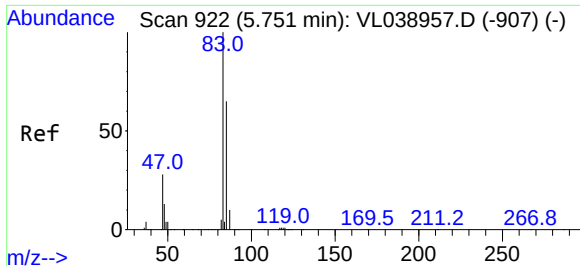
#28
Methyl tert-Butyl Ether
Concen: 11.229 ppbv
RT: 5.018 min Scan# 694
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



Tgt Ion: 73 Resp: 775073

Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.8	28.2





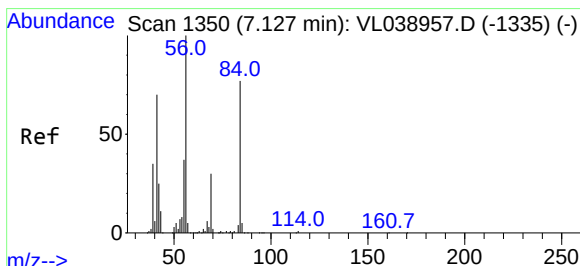
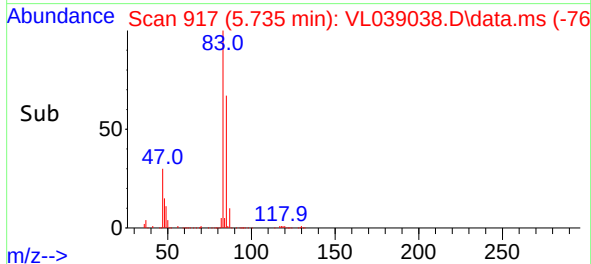
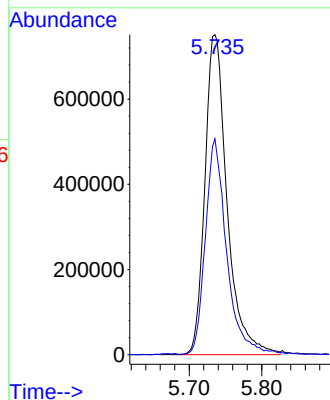
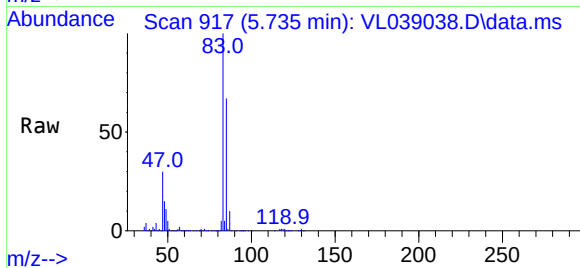
#29
Chloroform
Concen: 10.885 ppbv
RT: 5.735 min Scan# 917
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion: 83 Resp: 1597600
Ion Ratio Lower Upper
83 100
85 67.4 51.8 77.6

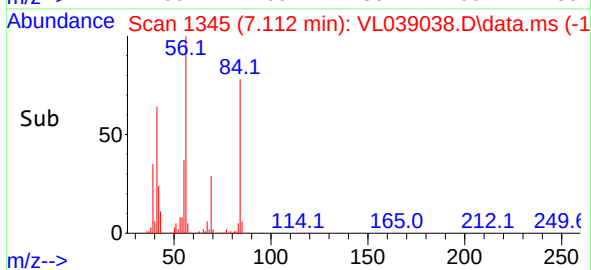
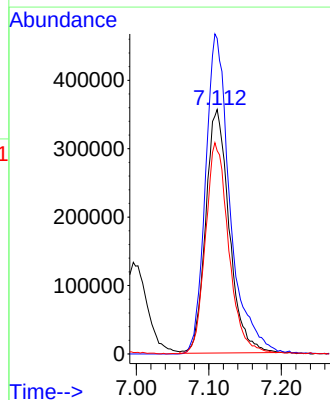
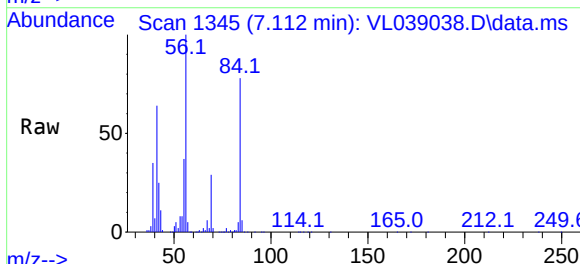
Manual Integrations
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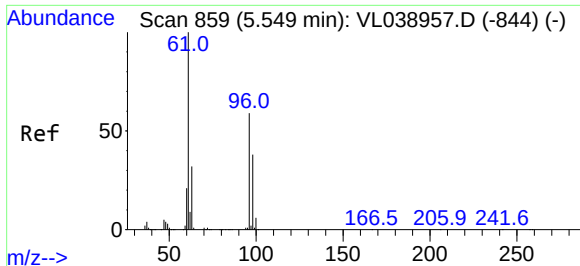
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#30
Cyclohexane
Concen: 10.586 ppbv
RT: 7.112 min Scan# 1345
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion: 84 Resp: 804073
Ion Ratio Lower Upper
84 100
56 137.9 115.3 172.9
41 86.7 72.0 108.0





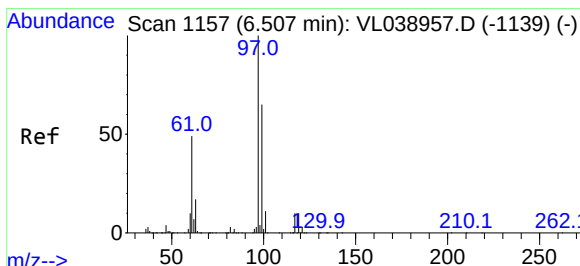
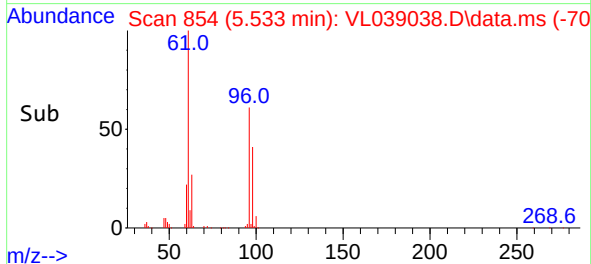
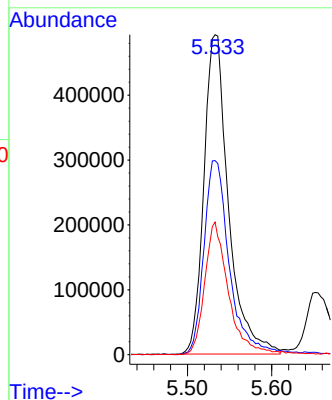
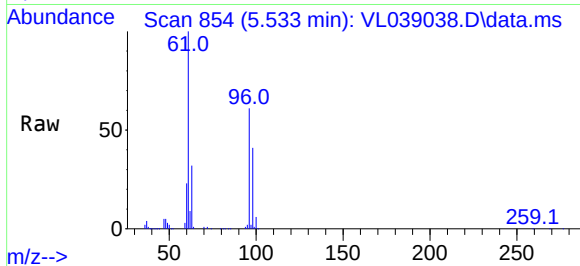
#31
cis-1,2-Dichloroethene
Concen: 10.833 ppbv
RT: 5.533 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion: 61 Resp: 100118
Ion Ratio Lower Upper
61 100
96 60.6 47.4 71.0
98 41.5 30.6 45.8

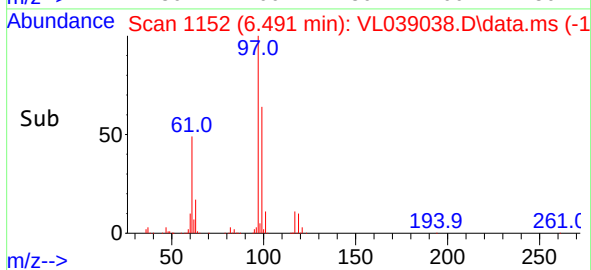
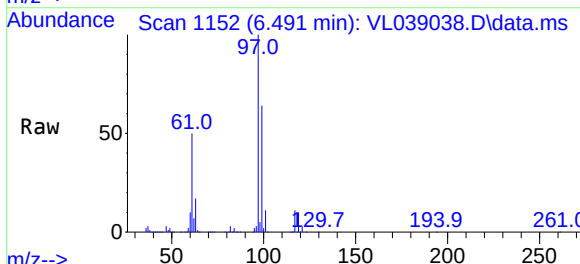
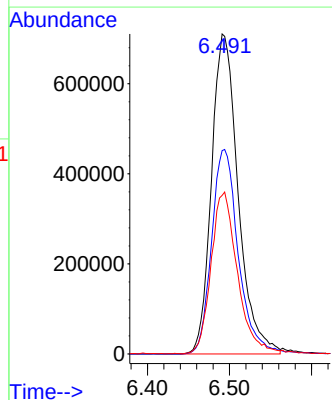
Manual Integrations
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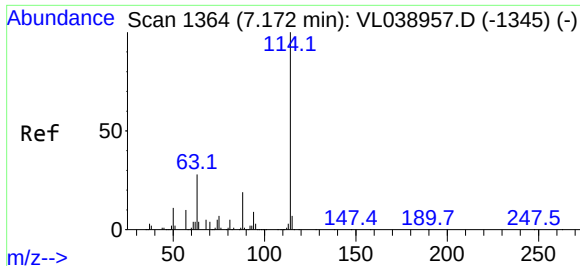
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#32
1,1,1-Trichloroethane
Concen: 10.933 ppbv
RT: 6.491 min Scan# 1152
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion: 97 Resp: 1604568
Ion Ratio Lower Upper
97 100
99 64.6 51.9 77.9
61 50.6 40.9 61.3





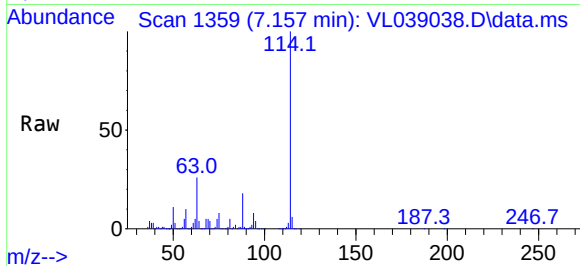
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.157 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL0513ABS01



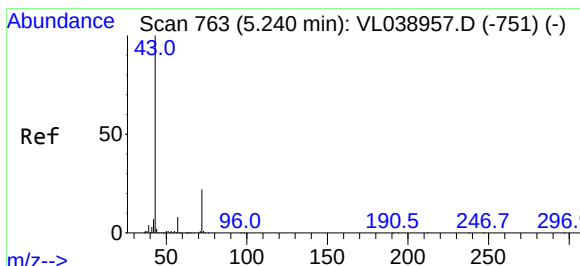
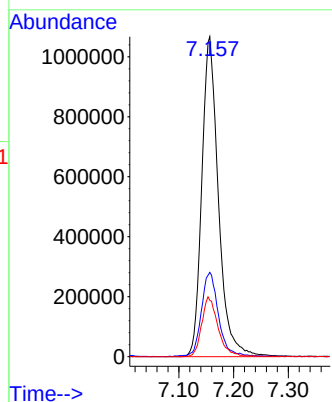
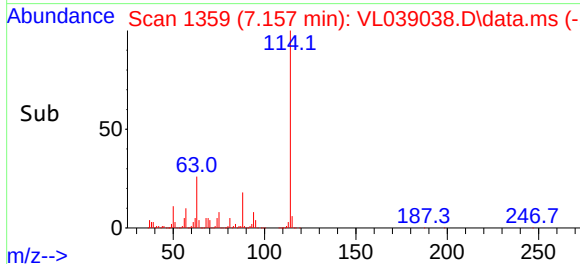
Tgt Ion:114 Resp: 224848

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.6	33.8
88	18.5	15.4	23.0

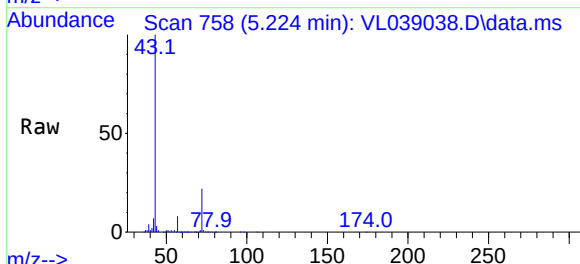
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Supervised By :Mahesh Dadoda 05/17/2022

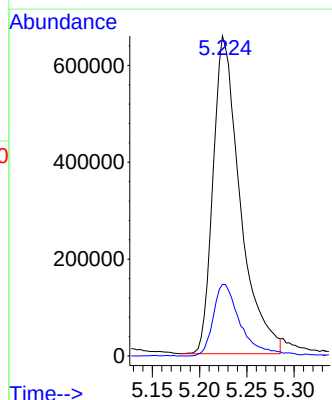
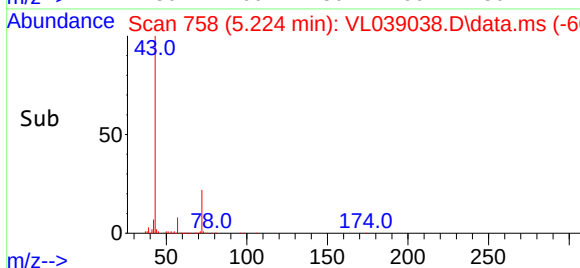


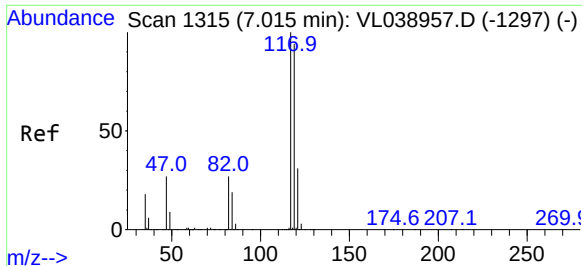
#34
2-Butanone
Concen: 11.395 ppbv
RT: 5.224 min Scan# 758
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



Tgt Ion: 43 Resp: 1307119

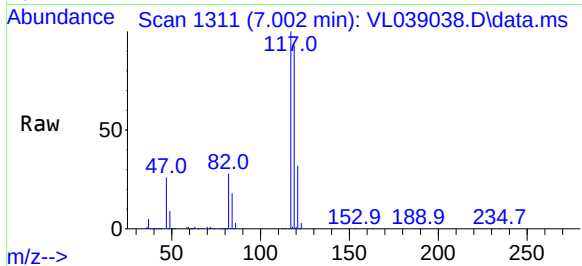
Ion	Ratio	Lower	Upper
43	100		
72	23.5	17.8	26.6





#35
Carbon Tetrachloride
Concen: 11.089 ppbv
RT: 7.002 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

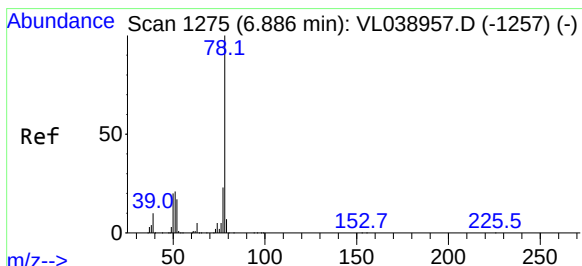
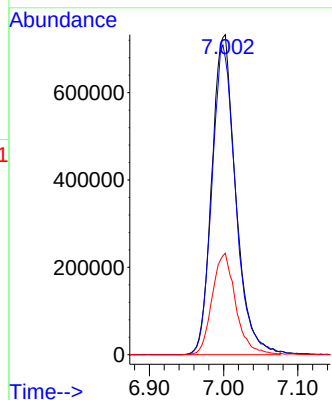
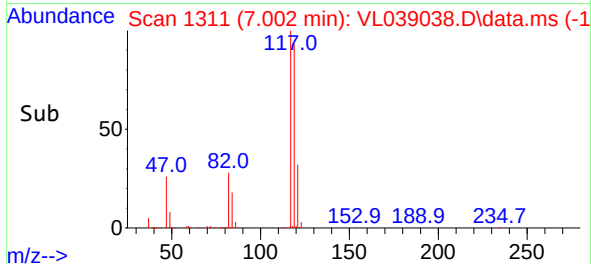
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



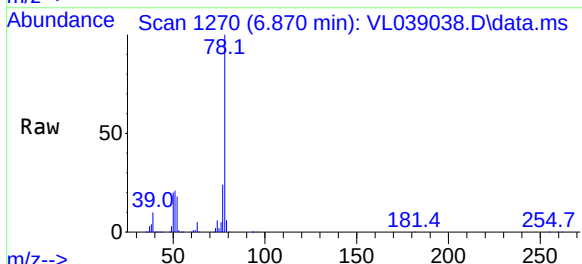
Tgt Ion:117 Resp: 1642809
Ion Ratio Lower Upper
117 100
119 92.8 75.2 112.8
121 31.7 24.6 37.0

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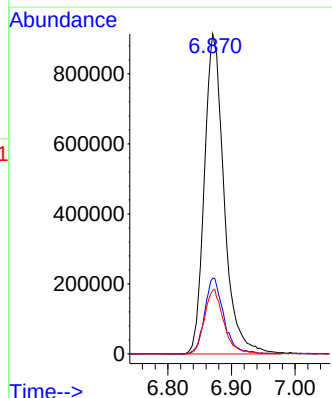
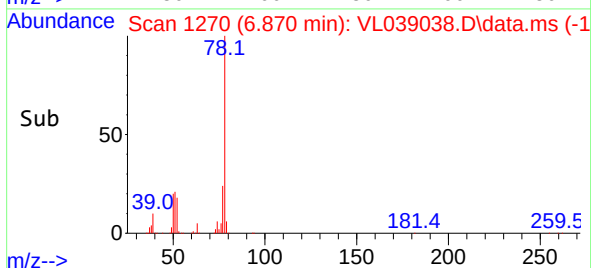
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

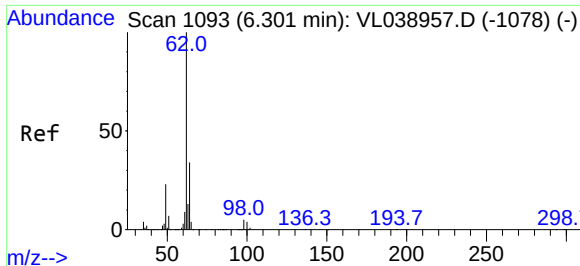


#36
Benzene
Concen: 10.224 ppbv
RT: 6.870 min Scan# 1270
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



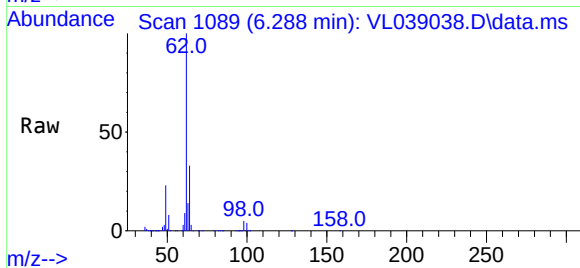
Tgt Ion: 78 Resp: 1967251
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0
50 19.9 15.6 23.4





#37
1,2-Dichloroethane
Concen: 10.603 ppbv
RT: 6.288 min Scan# 1093
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

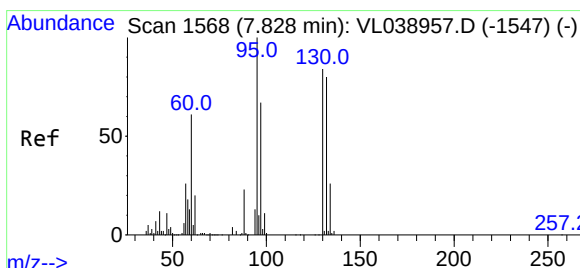
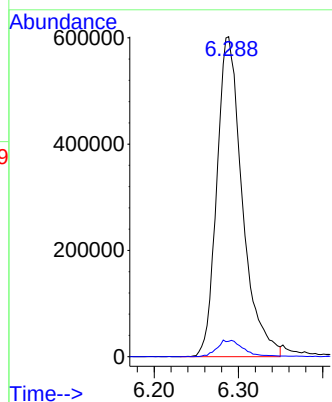
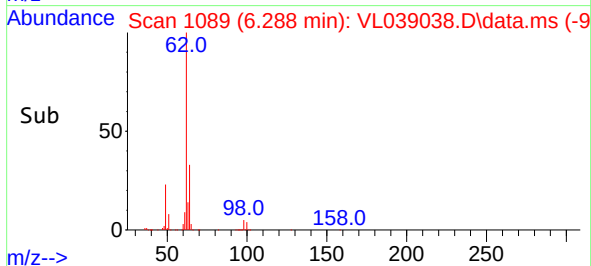
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



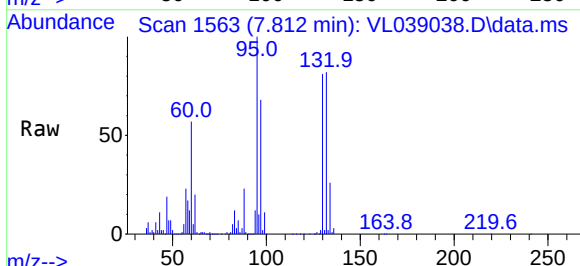
Tgt Ion: 62 Resp: 126231
Ion Ratio Lower Upper
62 100
98 5.6 4.5 6.7

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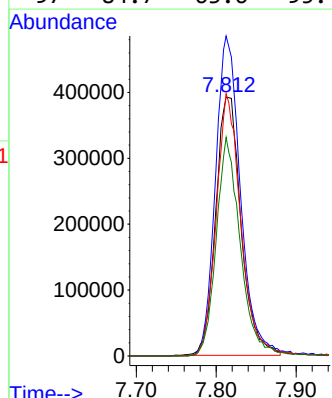
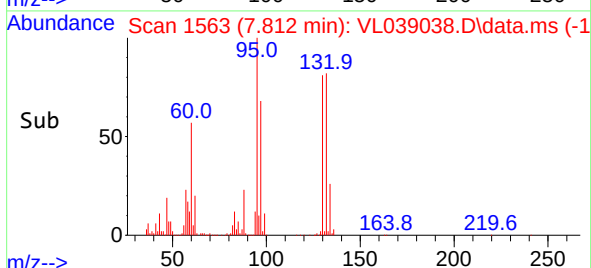
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

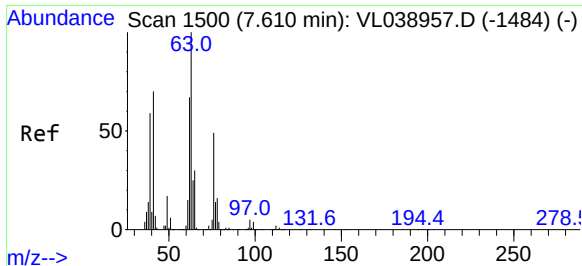


#38
Trichloroethene
Concen: 10.112 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



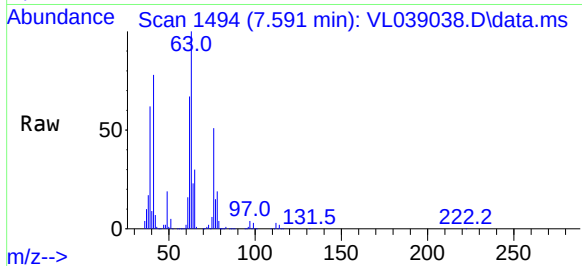
Tgt Ion:130 Resp: 865011
Ion Ratio Lower Upper
130 100
95 123.9 94.8 142.2
132 101.6 75.8 113.8
97 84.7 63.6 95.4





#39
1,2-Dichloropropane
Concen: 10.297 ppbv
RT: 7.591 min Scan# 14
Delta R.T. -0.019 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

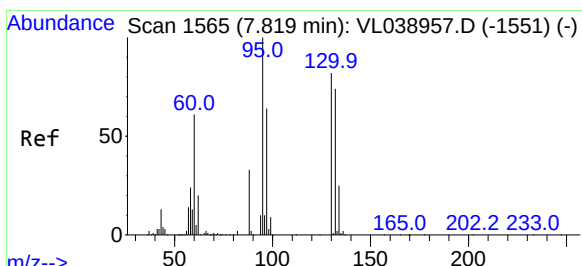
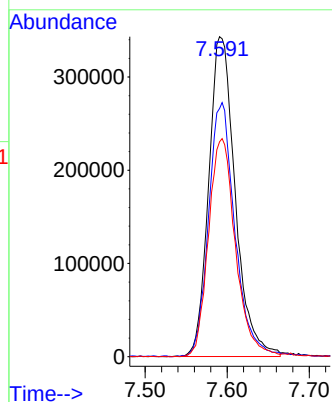
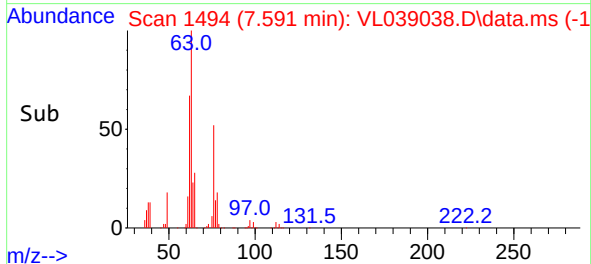
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



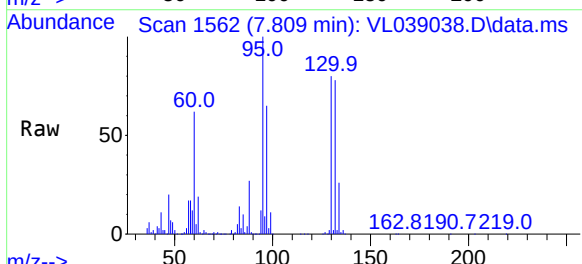
Tgt Ion: 63 Resp: 77091
Ion Ratio Lower Upper
63 100
41 77.5 55.9 83.9
62 67.2 53.8 80.6

Manual Integrations
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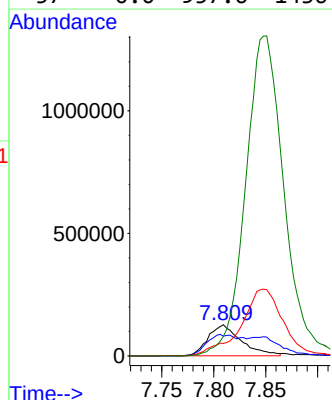
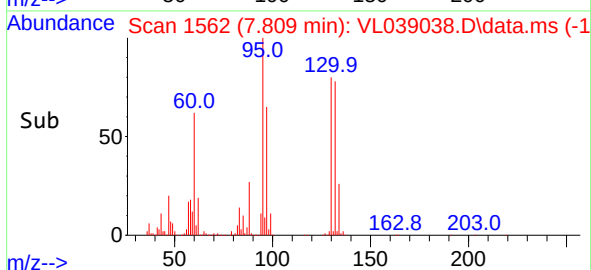
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

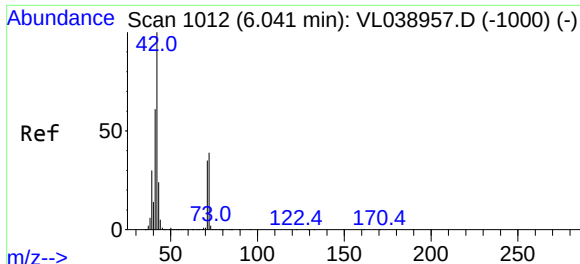


#40
1,4-Dioxane
Concen: 10.398 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. -0.009 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



Tgt Ion: 88 Resp: 279611
Ion Ratio Lower Upper
88 100
58 74.1 106.1 159.1#
43 0.0 222.9 334.3#
57 0.0 957.6 1436.4#





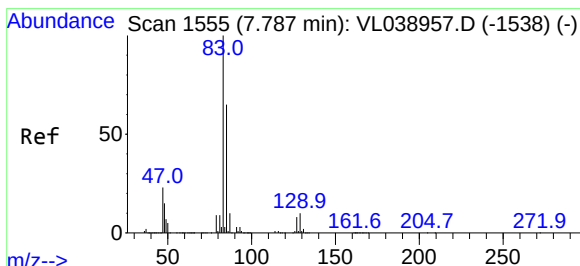
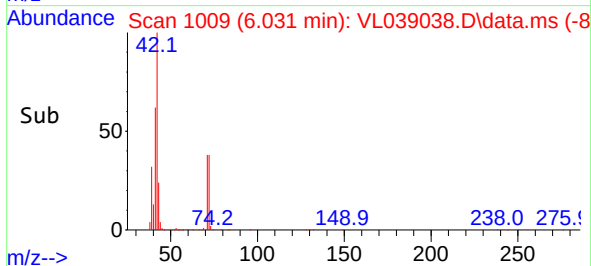
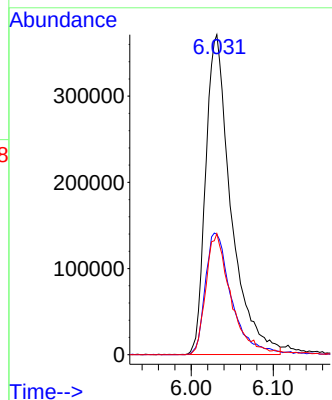
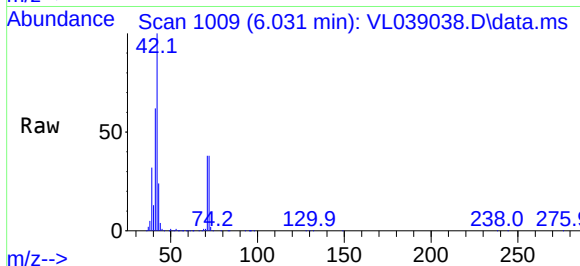
#41
Tetrahydrofuran
Concen: 10.321 ppbv
RT: 6.031 min Scan# 1012
Delta R.T. -0.009 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion: 42 Resp: 79574
Ion Ratio Lower Upper
42 100
72 40.2 31.8 47.6
71 38.4 30.6 45.8

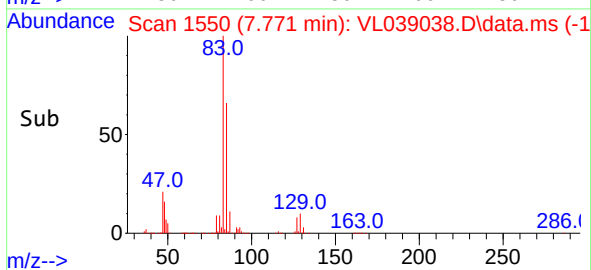
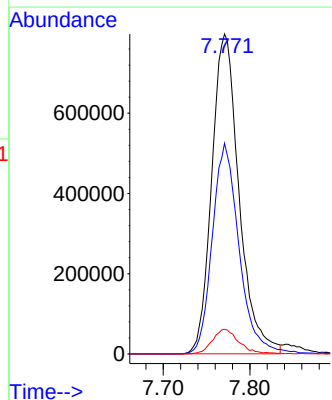
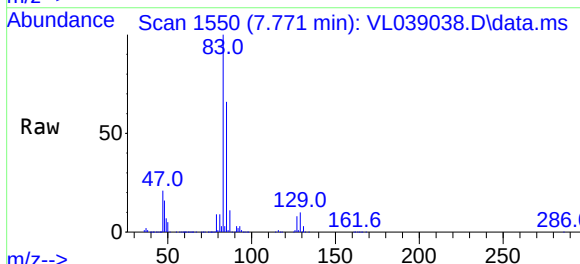
Manual Integrations
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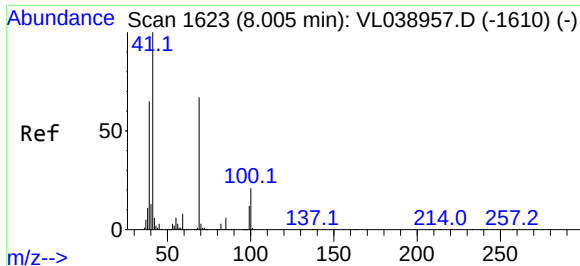
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#42
Bromodichloromethane
Concen: 10.727 ppbv
RT: 7.771 min Scan# 1550
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion: 83 Resp: 1746035
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0
127 7.7 6.0 9.0





#43

Methyl Methacrylate

Concen: 10.576 ppbv

RT: 7.992 min Scan# 1

Delta R.T. -0.013 min

Lab File: VL039038.D

Acq: 13 May 2022 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL0513ABS01

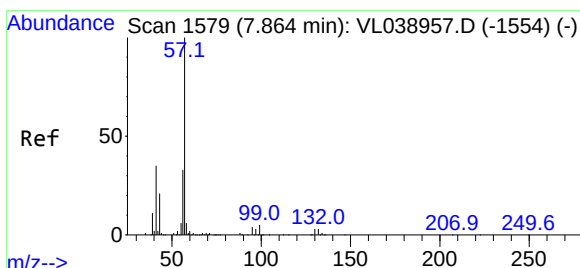
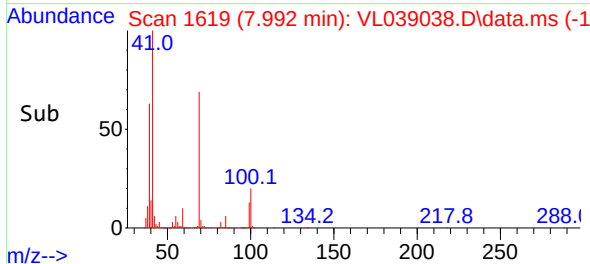
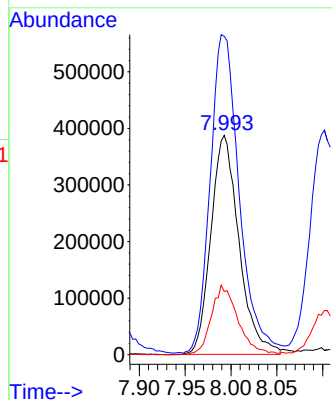
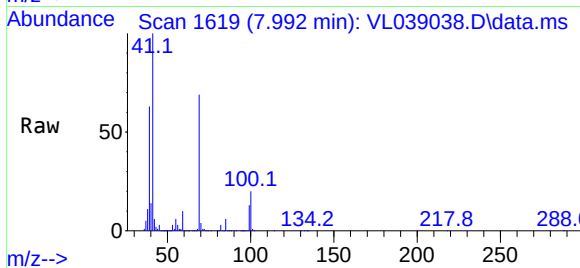
Tgt Ion: 69 Resp: 826184

Ion	Ratio	Lower	Upper
69	100		
41	151.0	121.9	182.9
100	30.3	24.6	36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#44

2,2,4-Trimethylpentane

Concen: 9.955 ppbv

RT: 7.851 min Scan# 1575

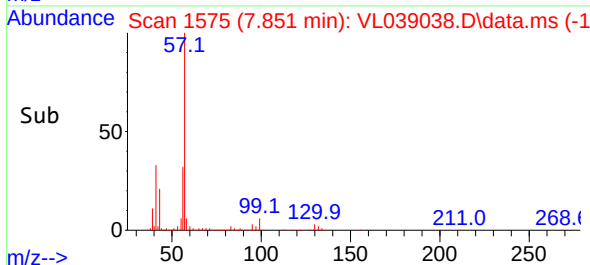
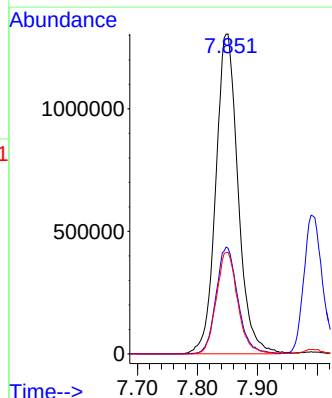
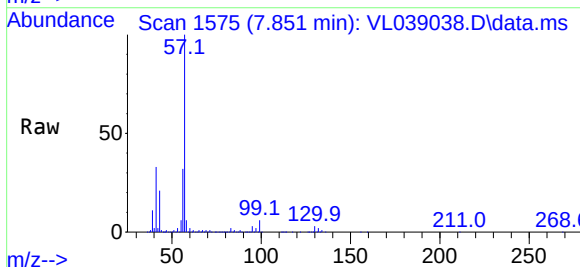
Delta R.T. -0.013 min

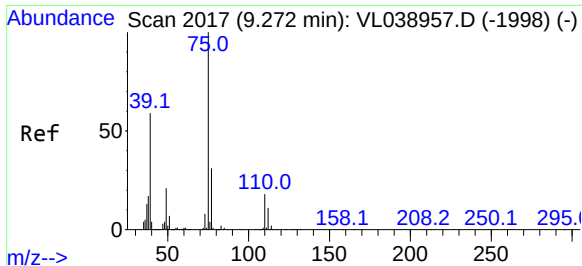
Lab File: VL039038.D

Acq: 13 May 2022 14:59

Tgt Ion: 57 Resp: 3361176

Ion	Ratio	Lower	Upper
57	100		
41	32.6	26.3	39.5
56	30.7	24.6	37.0





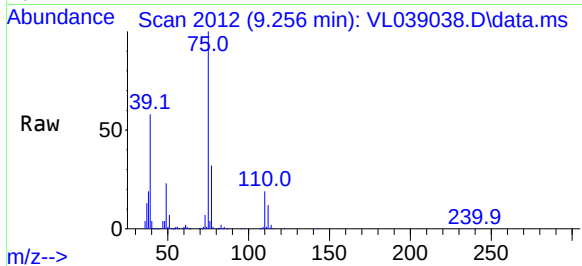
#45
t-1,3-Dichloropropene
Concen: 12.608 ppbv
RT: 9.256 min Scan# 2017
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL0513ABS01

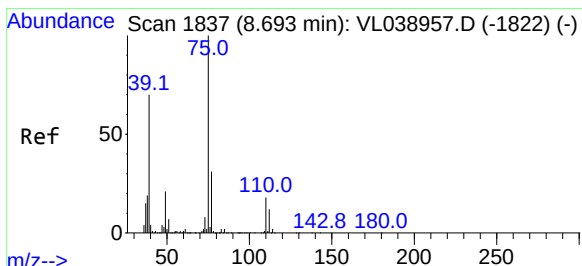
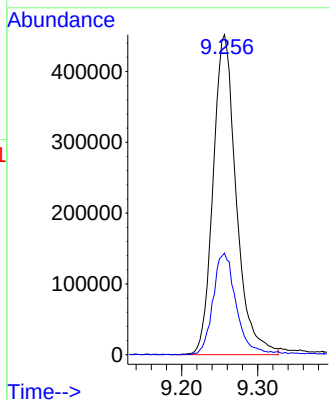
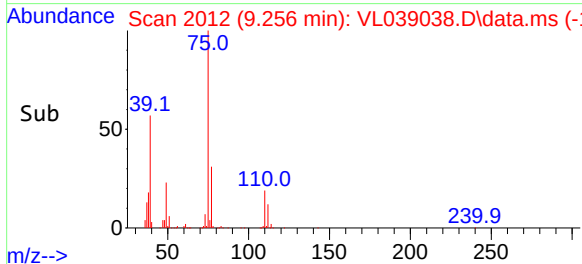


Tgt Ion: 75 Resp: 953409
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0

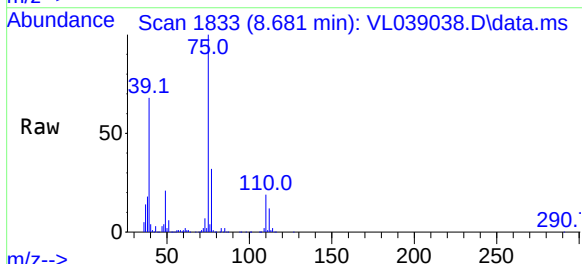
Manual Integrations

APPROVED

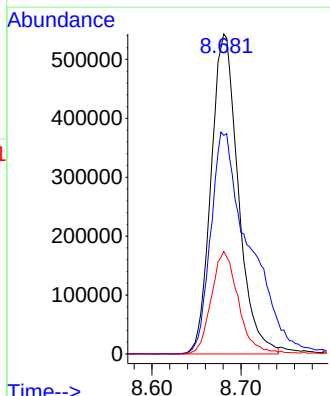
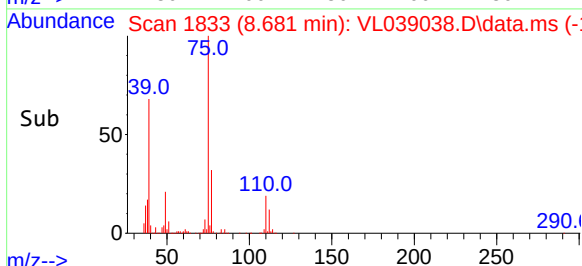
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

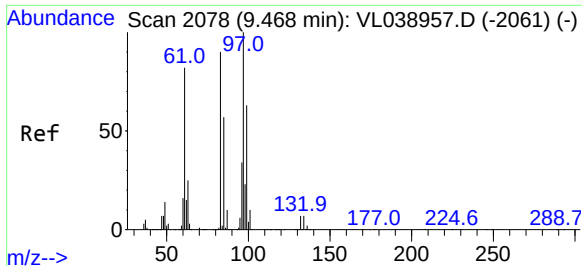


#46
cis-1,3-Dichloropropene
Concen: 11.482 ppbv
RT: 8.681 min Scan# 1833
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



Tgt Ion: 75 Resp: 1151357
Ion Ratio Lower Upper
75 100
39 68.2 55.8 83.6
77 32.1 24.8 37.2





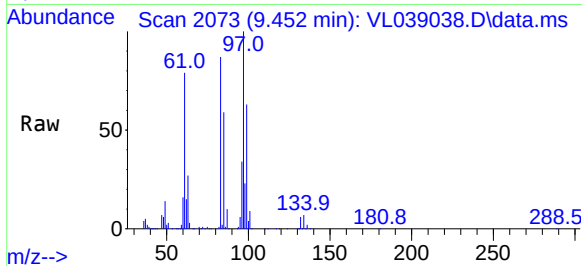
#47
1,1,2-Trichloroethane
Concen: 10.375 ppbv
RT: 9.452 min Scan# 2078
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL0513ABS01

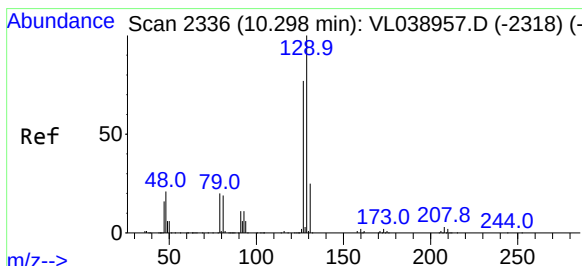
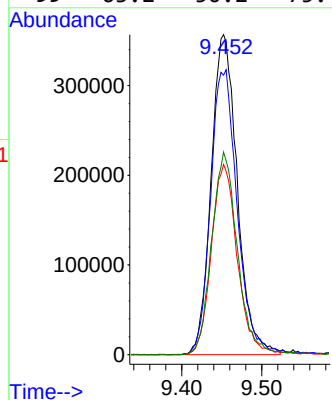
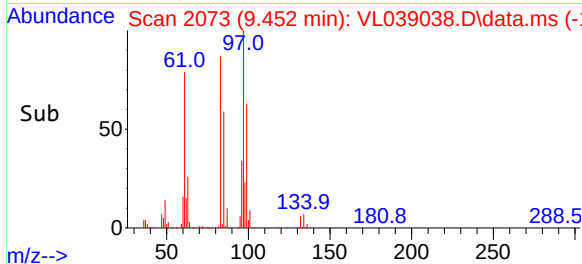


Tgt Ion: 97 Resp: 80790
Ion Ratio Lower Upper
97 100
83 87.3 72.0 108.0
85 59.5 45.7 68.5
99 63.2 50.2 75.4

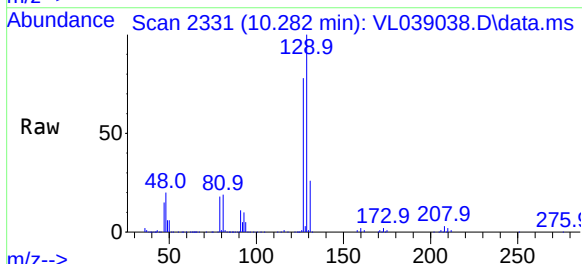
Manual Integrations

APPROVED

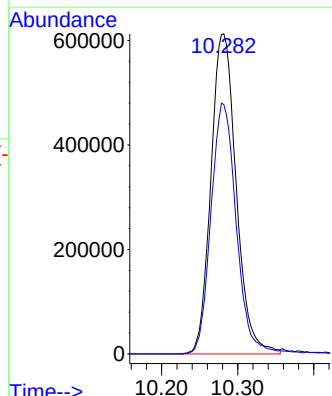
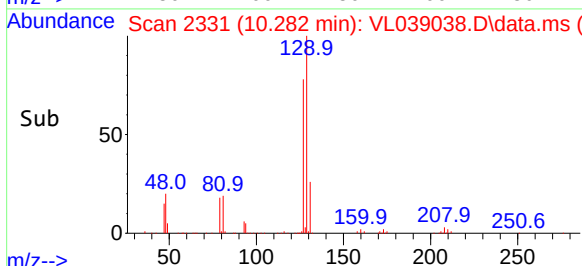
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

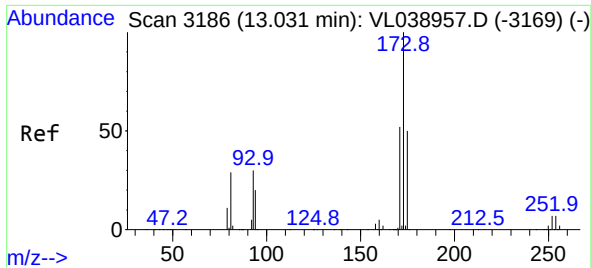


#48
Dibromochloromethane
Concen: 11.176 ppbv
RT: 10.282 min Scan# 2331
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



Tgt Ion:129 Resp: 1416473
Ion Ratio Lower Upper
129 100
127 78.9 39.3 117.9





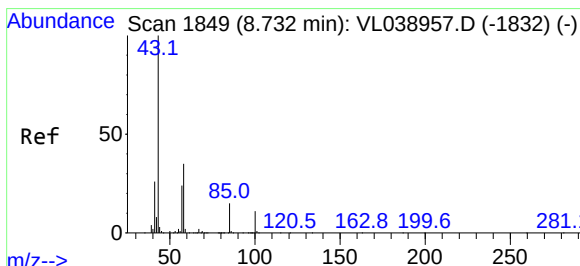
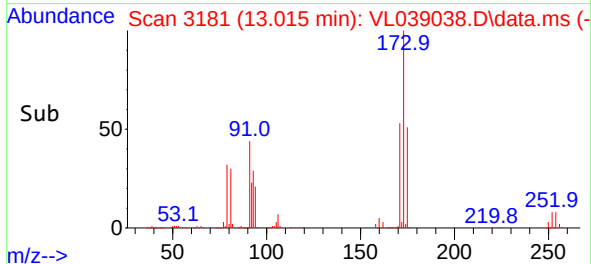
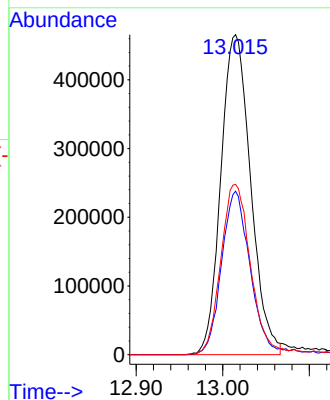
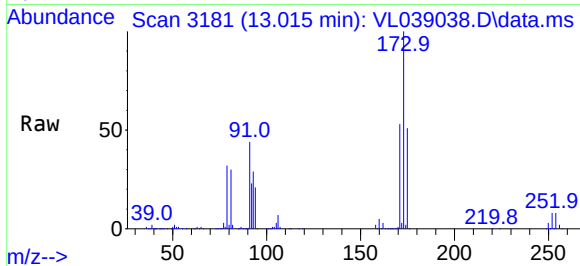
#49
Bromoform
Concen: 11.509 ppbv
RT: 13.015 min Scan# 3186
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion:173 Resp: 111245
Ion Ratio Lower Upper
173 100
175 50.4 41.0 61.6
171 55.6 42.6 64.0

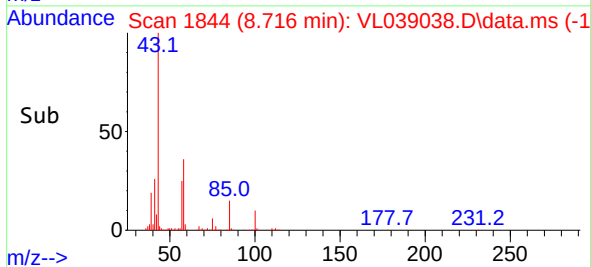
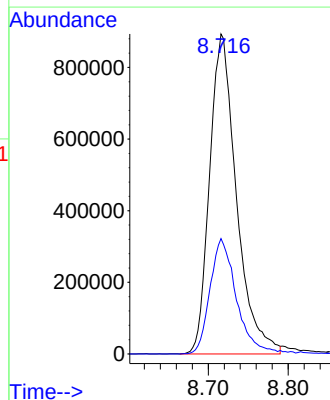
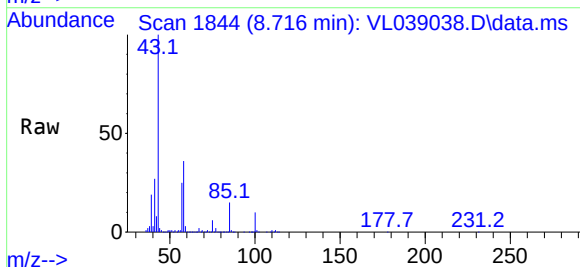
Manual Integrations
APPROVED

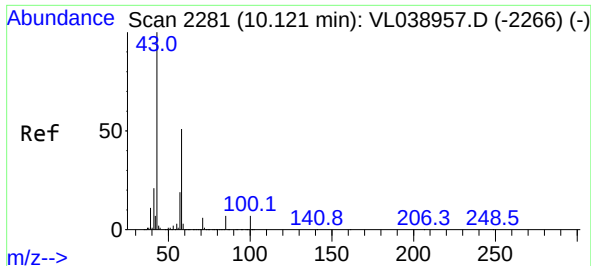
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#50
4-Methyl-2-Pentanone
Concen: 10.355 ppbv
RT: 8.716 min Scan# 1844
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

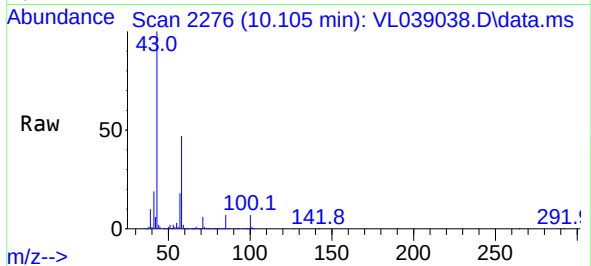
Tgt Ion: 43 Resp: 2082817
Ion Ratio Lower Upper
43 100
58 36.2 28.4 42.6





#51
2-Hexanone
Concen: 11.384 ppbv
RT: 10.105 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

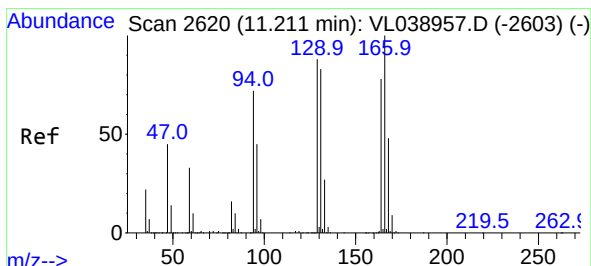
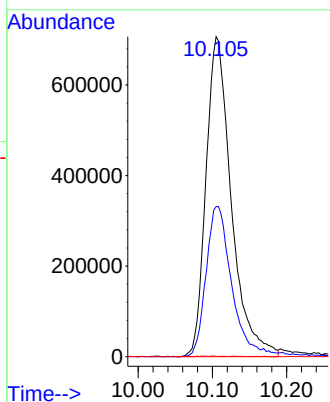
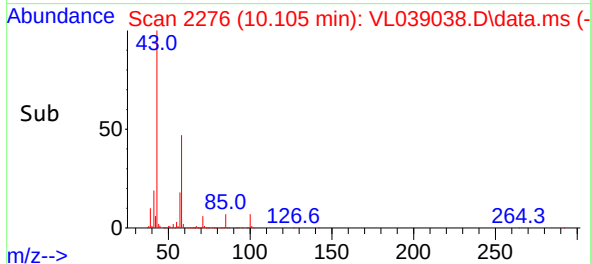
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



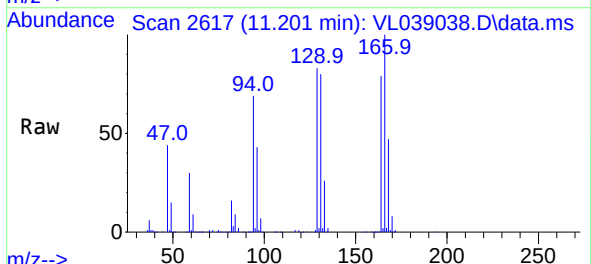
Tgt Ion: 43 Resp: 1671320
Ion Ratio Lower Upper
43 100
58 48.8 39.3 58.9
98 0.2 0.2 0.2

Manual Integrations
APPROVED

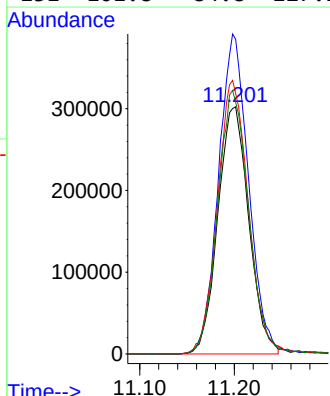
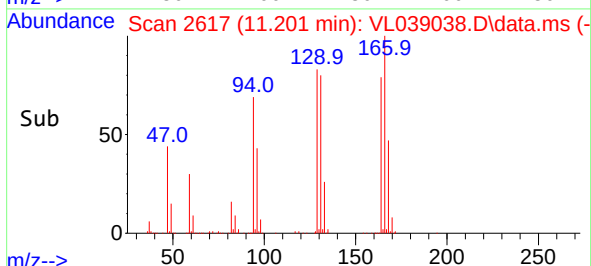
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

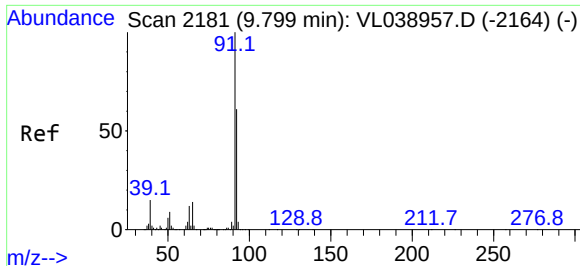


#52
Tetrachloroethene
Concen: 9.982 ppbv
RT: 11.201 min Scan# 2617
Delta R.T. -0.009 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



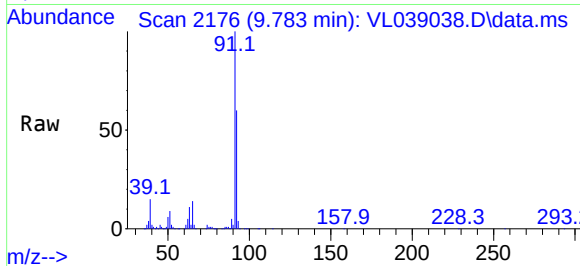
Tgt Ion:164 Resp: 686364
Ion Ratio Lower Upper
164 100
166 127.3 102.5 153.7
129 105.4 90.1 135.1
131 101.8 84.8 127.2





#53
Toluene
Concen: 10.515 ppbv
RT: 9.783 min Scan# 2181
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

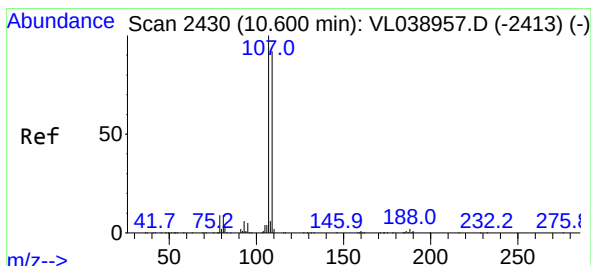
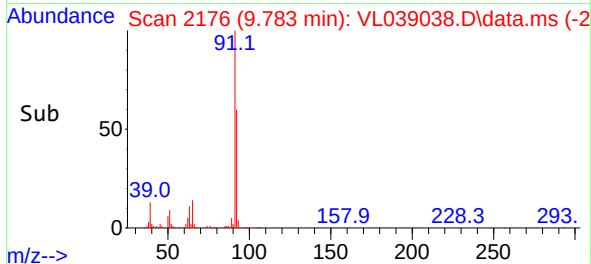
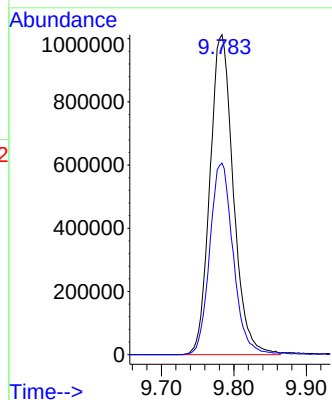
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



Tgt Ion: 91 Resp: 226784
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.2

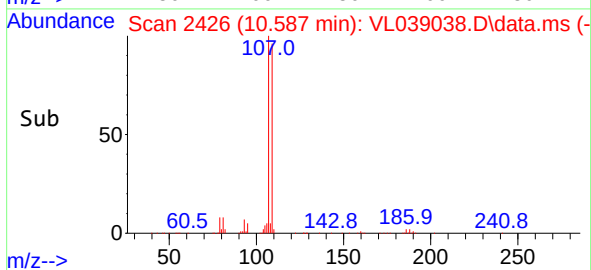
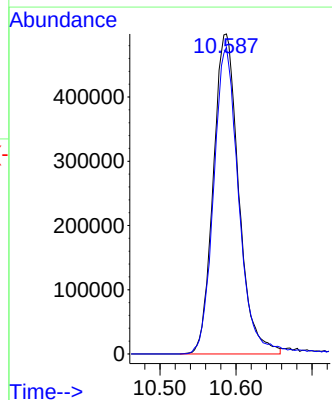
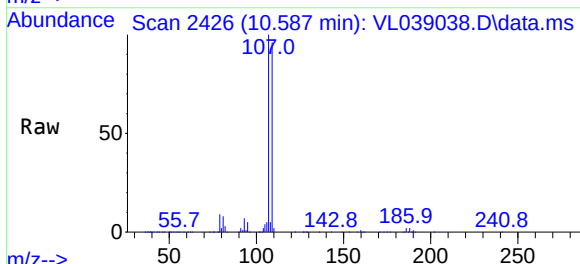
Manual Integrations
APPROVED

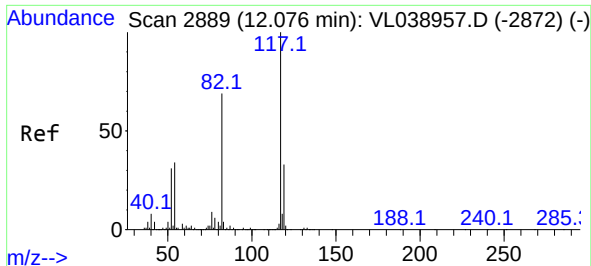
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#54
1,2-Dibromoethane
Concen: 10.913 ppbv
RT: 10.587 min Scan# 2426
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion:107 Resp: 1156843
Ion Ratio Lower Upper
107 100
109 95.9 73.8 110.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.060 min Scan# 2884

Delta R.T. -0.016 min

Lab File: VL039038.D

Acq: 13 May 2022 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL0513ABS01

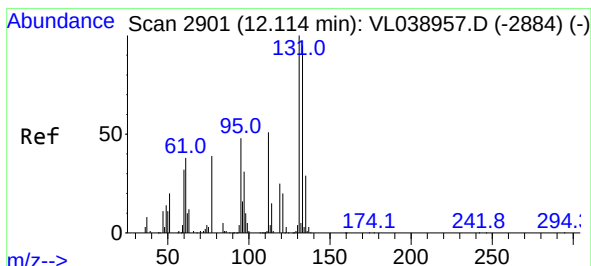
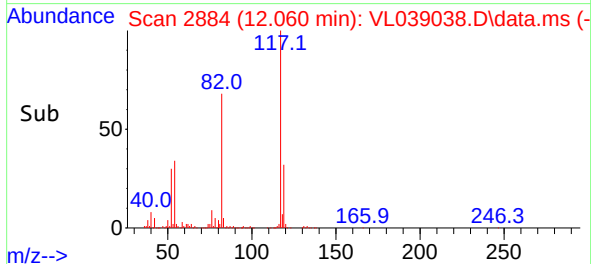
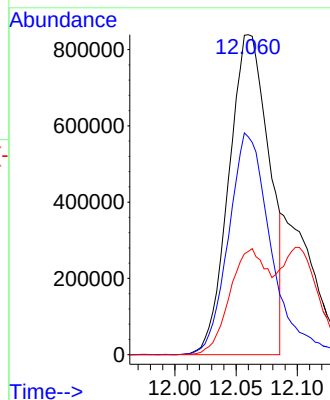
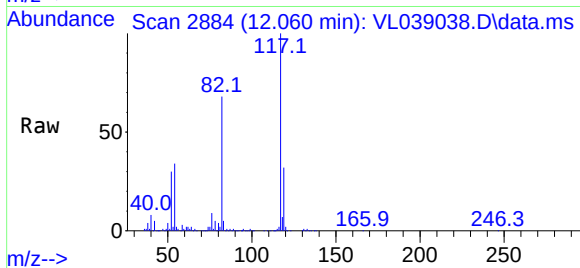
Tgt Ion:117 Resp: 1910854

Ion	Ratio	Lower	Upper
117	100		
82	75.3	57.0	85.6
119	31.2	27.2	40.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 11.599 ppbv

RT: 12.102 min Scan# 2897

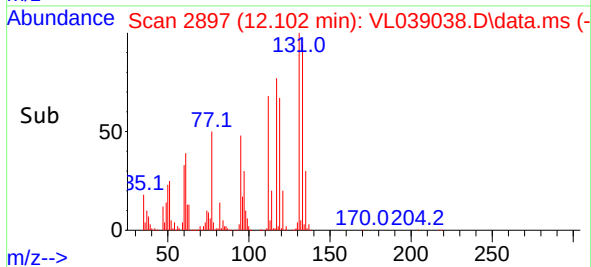
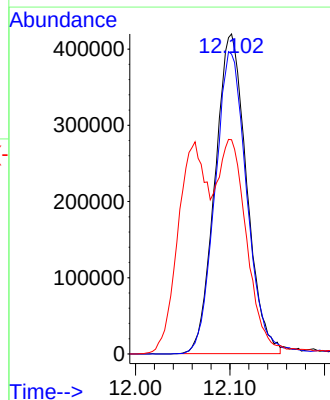
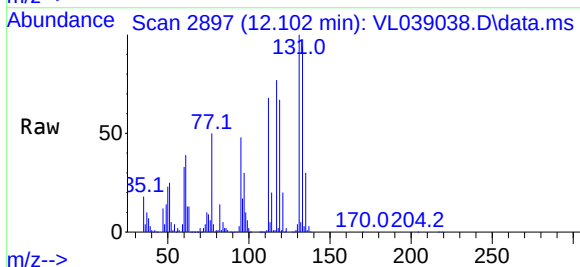
Delta R.T. -0.013 min

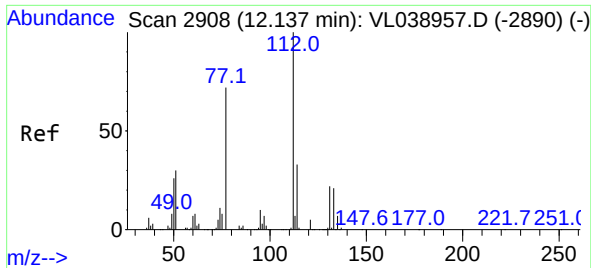
Lab File: VL039038.D

Acq: 13 May 2022 14:59

Tgt Ion:131 Resp: 972457

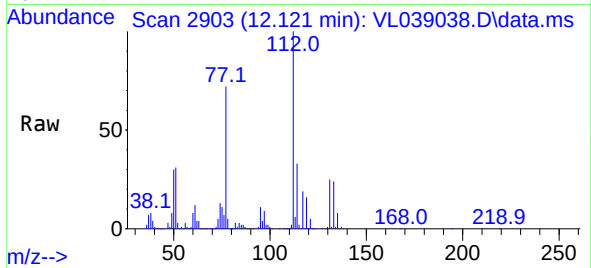
Ion	Ratio	Lower	Upper
131	100		
133	97.3	76.9	115.3
119	60.3	47.4	71.0





#57
Chlorobenzene
Concen: 11.267 ppbv
RT: 12.121 min Scan# 2903
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

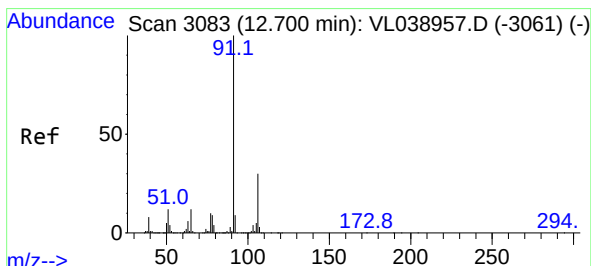
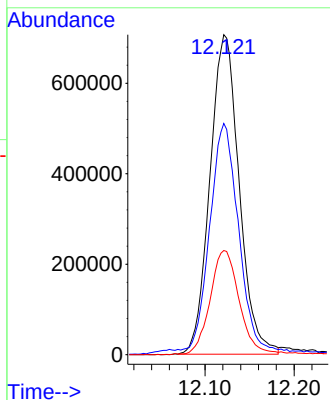
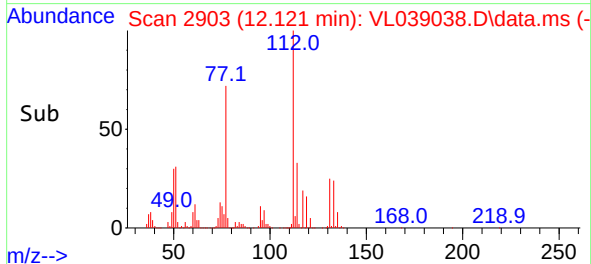
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



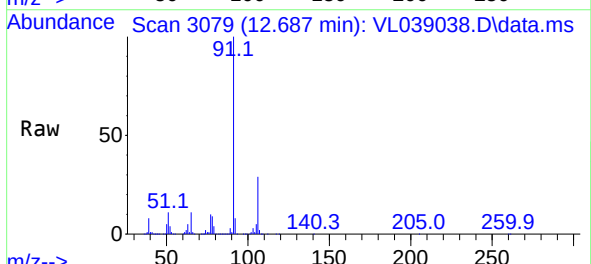
Tgt Ion: 112 Resp: 161388
Ion Ratio Lower Upper
112 100
77 70.8 57.7 86.5
114 32.4 30.1 36.7

Manual Integrations
APPROVED

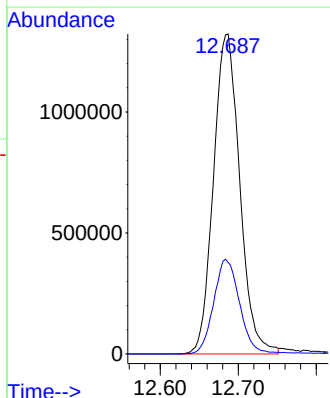
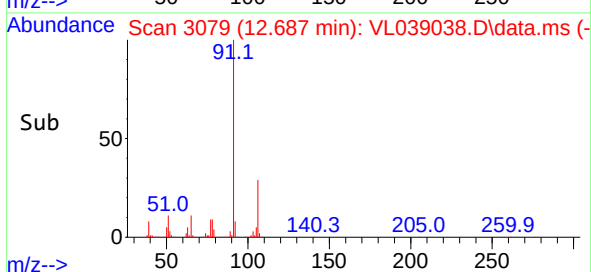
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

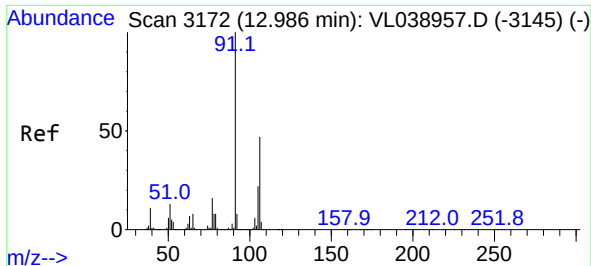


#58
Ethyl Benzene
Concen: 11.269 ppbv
RT: 12.687 min Scan# 3079
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



Tgt Ion: 91 Resp: 3099031
Ion Ratio Lower Upper
91 100
106 28.6 24.2 36.4





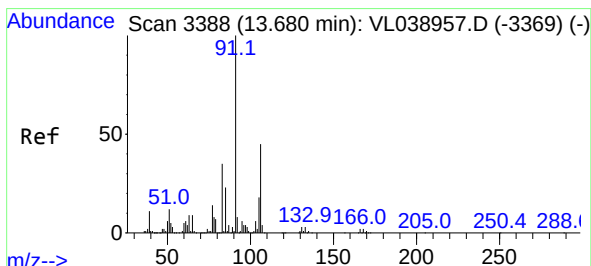
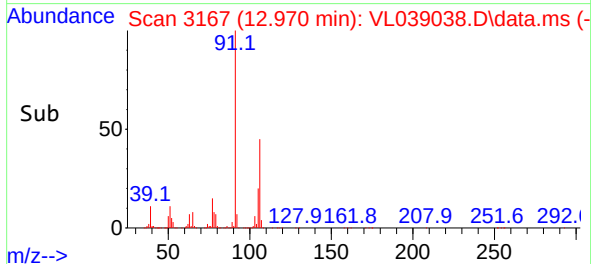
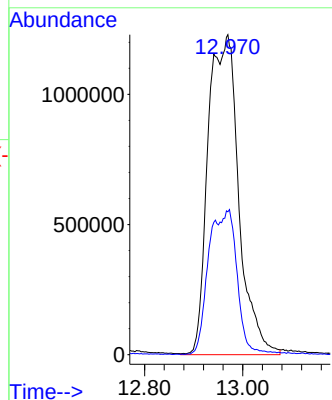
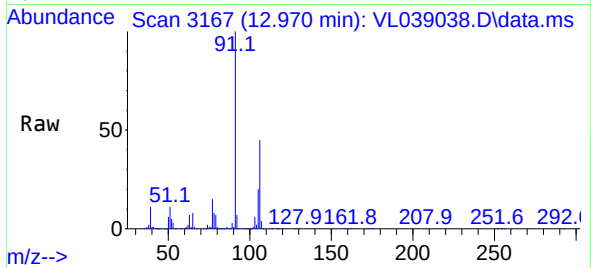
#59
m/p-Xylene
Concen: 22.660 ppbv m
RT: 12.970 min Scan# 3172
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion: 91 Resp: 5319830
Ion Ratio Lower Upper
91 100
106 42.5 34.6 52.0

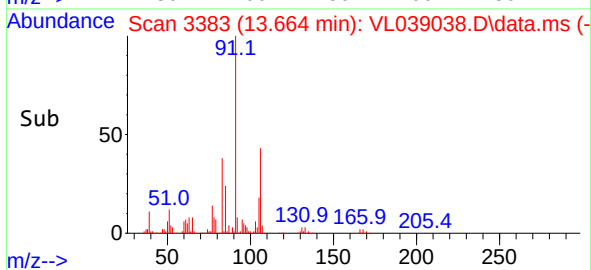
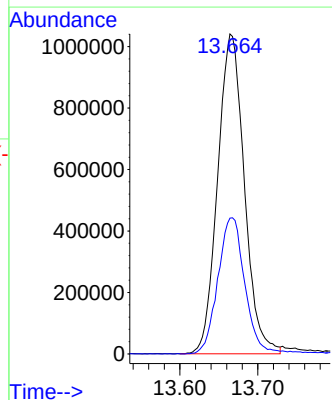
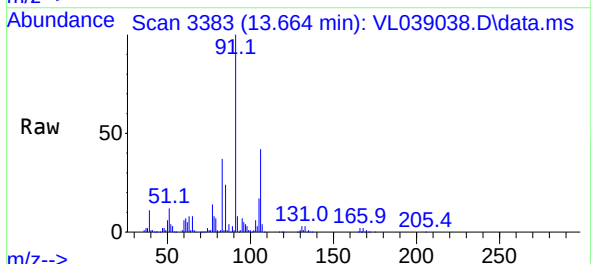
Manual Integrations
APPROVED

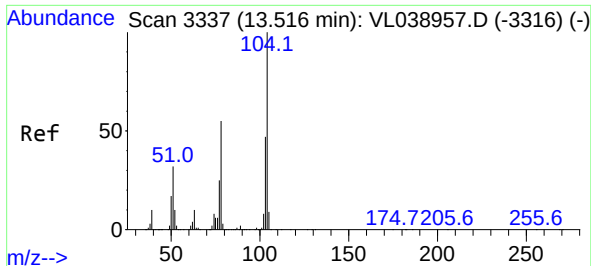
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#60
o-Xylene
Concen: 11.215 ppbv
RT: 13.664 min Scan# 3383
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

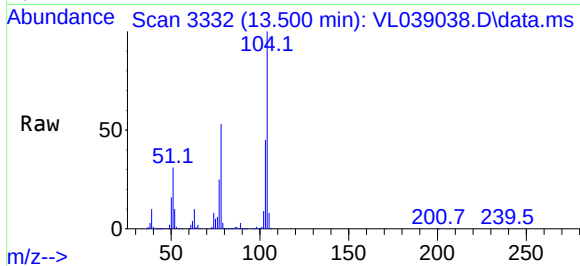
Tgt Ion: 91 Resp: 2478139
Ion Ratio Lower Upper
91 100
106 44.1 22.2 66.6





#61
Styrene
Concen: 12.061 ppbv
RT: 13.500 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

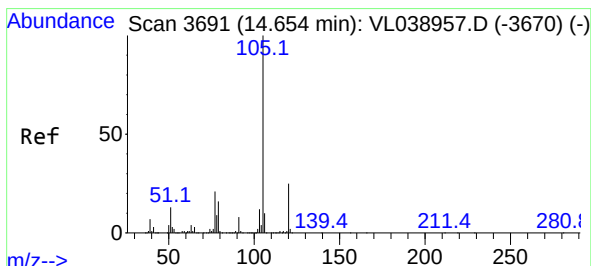
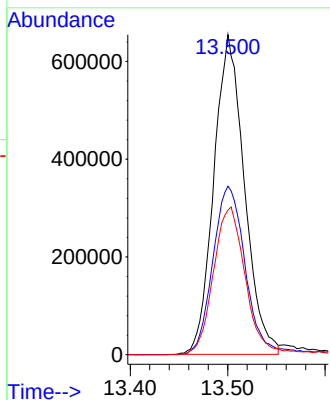
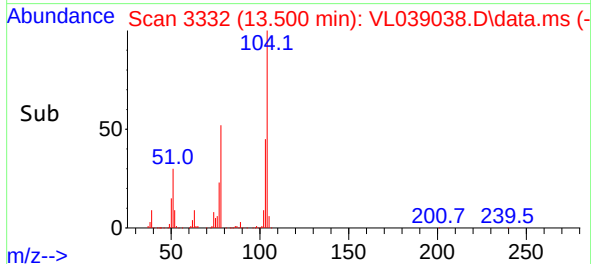
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



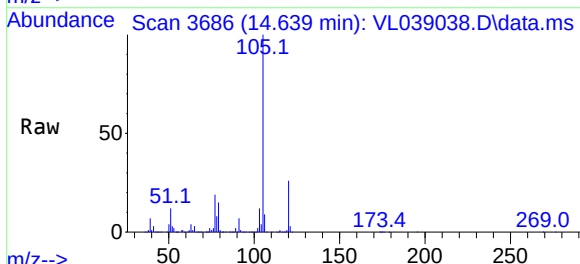
Tgt Ion:104 Resp: 1422724
Ion Ratio Lower Upper
104 100
78 57.3 46.4 69.6
103 49.1 39.3 58.9

Manual Integrations
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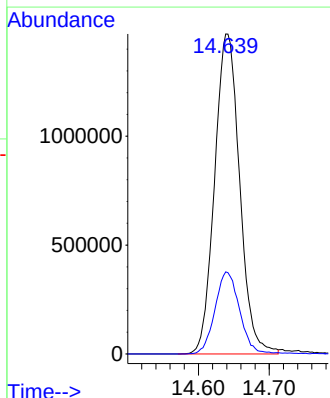
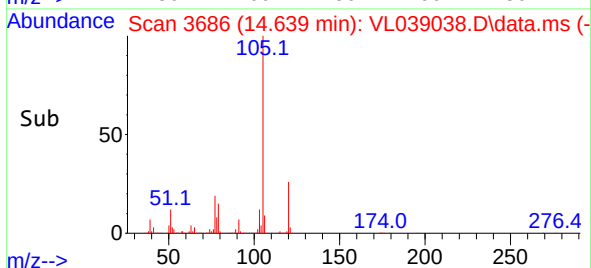
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

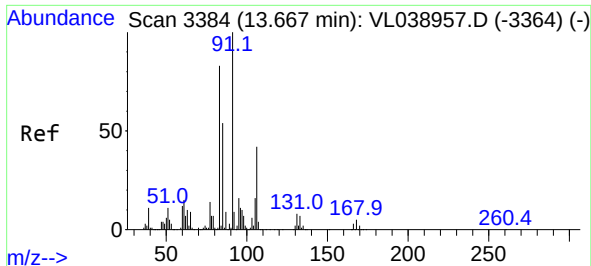


#62
Isopropylbenzene
Concen: 11.170 ppbv
RT: 14.639 min Scan# 3686
Delta R.T. -0.015 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



Tgt Ion:105 Resp: 3609235
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7





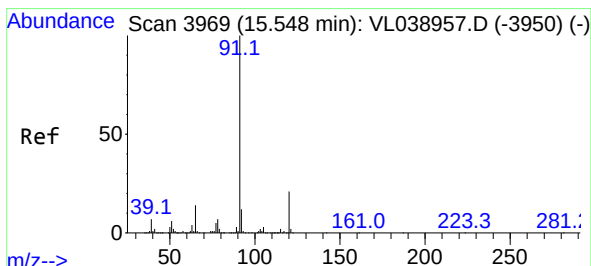
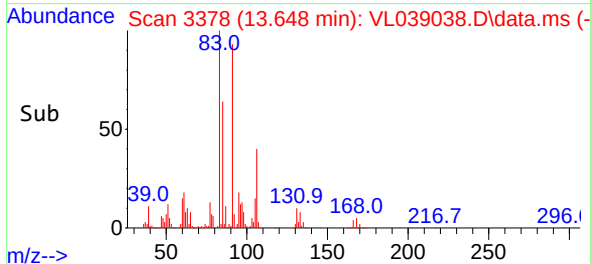
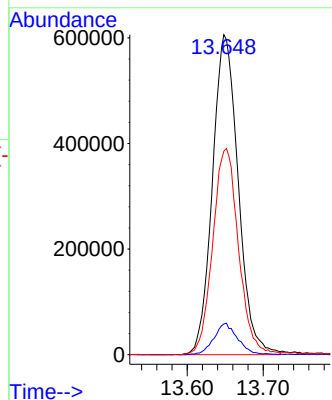
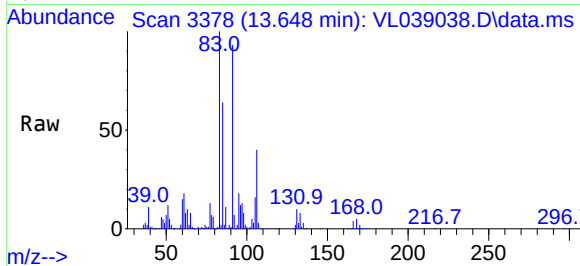
#63
1,1,2,2-Tetrachloroethane
Concen: 10.962 ppbv
RT: 13.648 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion: 83 Resp: 1426280
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 65.3 32.8 98.3

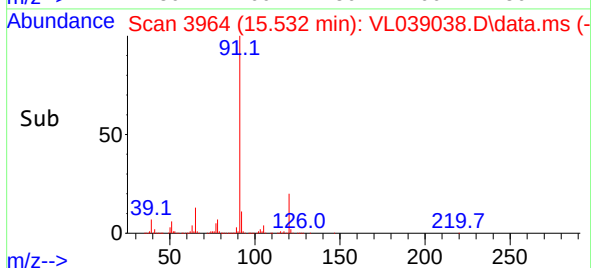
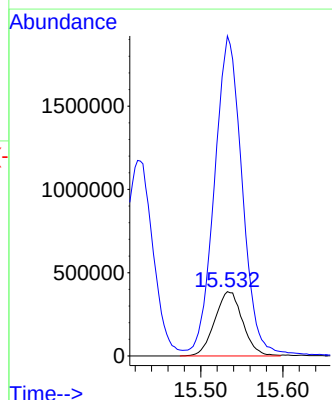
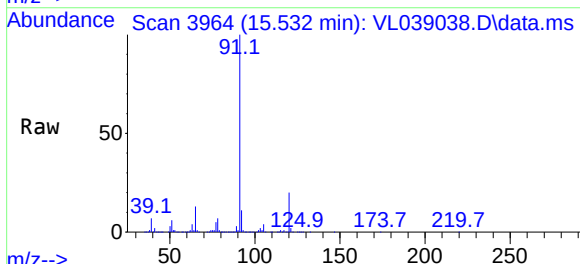
Manual Integrations
APPROVED

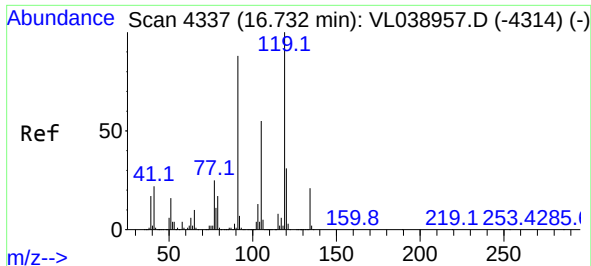
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#64
n-propylbenzene
Concen: 11.685 ppbv
RT: 15.532 min Scan# 3964
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

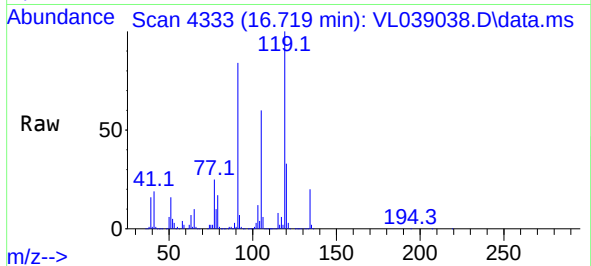
Tgt Ion:120 Resp: 912866
Ion Ratio Lower Upper
120 100
91 498.8 400.6 601.0





#65
tert-Butylbenzene
Concen: 11.181 ppbv
RT: 16.719 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

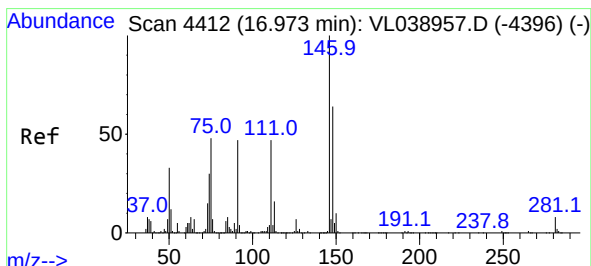
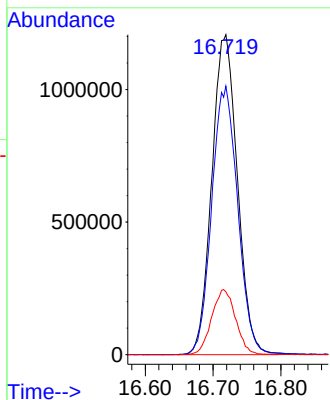
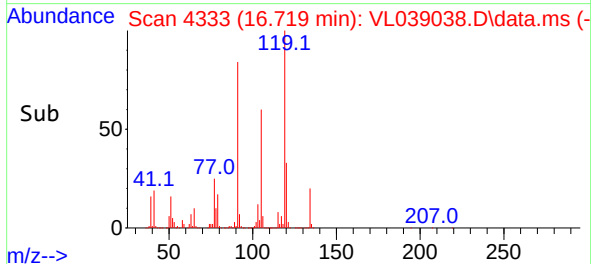
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



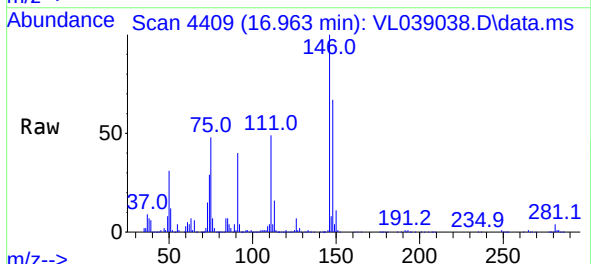
Tgt Ion: 119 Resp: 3165408
Ion Ratio Lower Upper
119 100
91 85.6 69.4 104.2
134 19.2 15.8 23.8

Manual Integrations
APPROVED

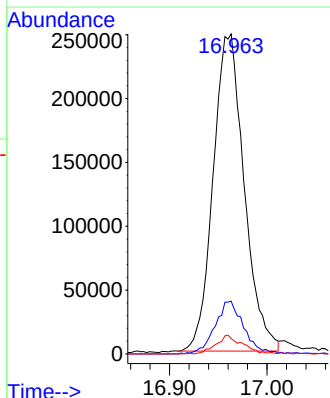
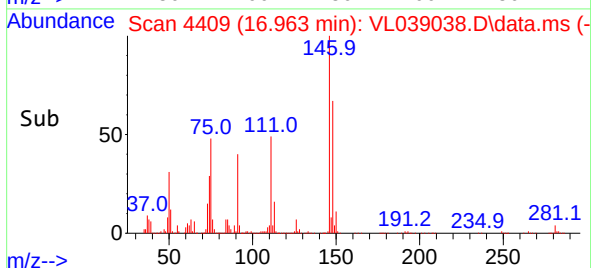
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

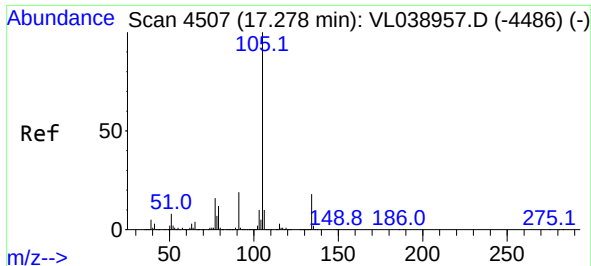


#66
Benzyl Chloride
Concen: 14.864 ppbv
RT: 16.963 min Scan# 4409
Delta R.T. -0.009 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



Tgt Ion: 91 Resp: 550076
Ion Ratio Lower Upper
91 100
126 15.7 11.8 17.6
128 5.1 4.2 6.2





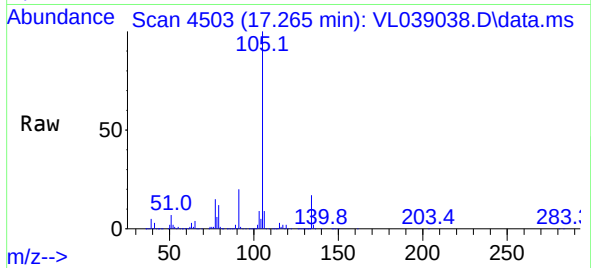
#67
 sec-Butylbenzene
 Concen: 11.155 ppbv
 RT: 17.265 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL039038.D
 Acq: 13 May 2022 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL0513ABS01

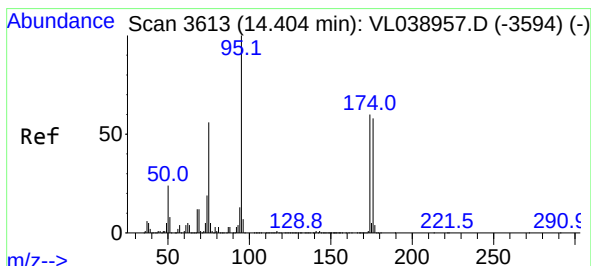
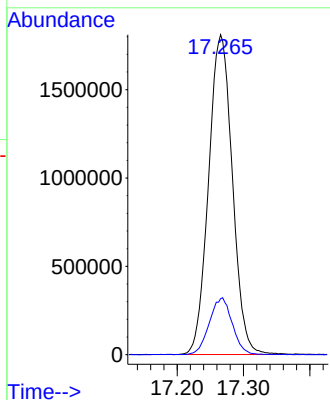
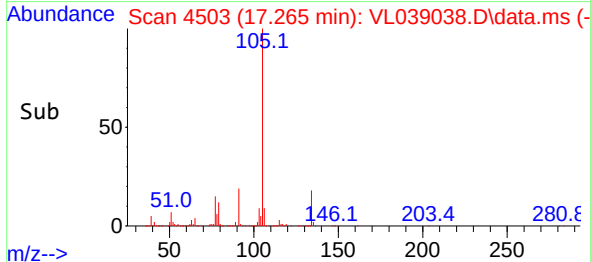


Tgt Ion: 105 Resp: 451206
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.2 21.4

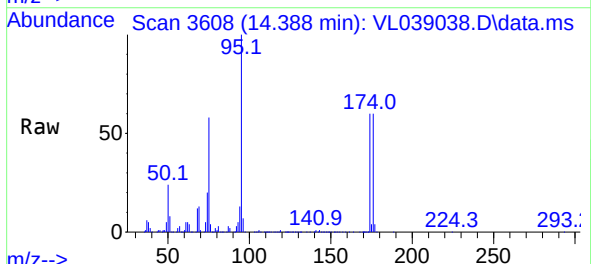
Manual Integrations

APPROVED

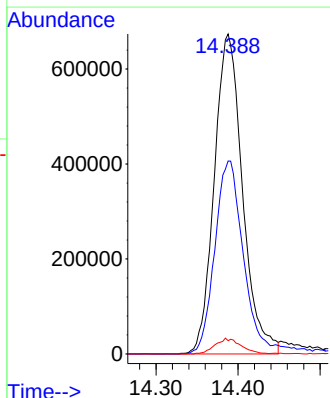
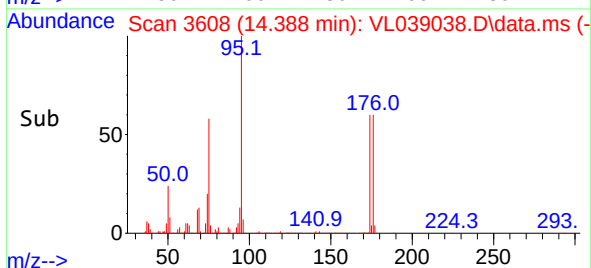
Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022

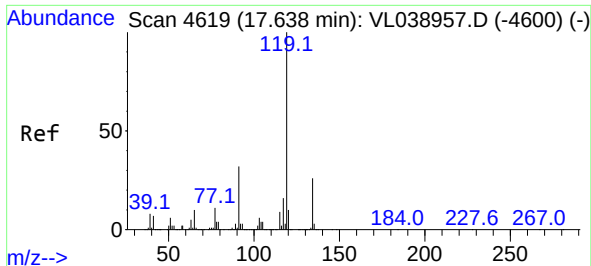


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.663 ppbv
 RT: 14.388 min Scan# 3608
 Delta R.T. -0.016 min
 Lab File: VL039038.D
 Acq: 13 May 2022 14:59



Tgt Ion: 95 Resp: 1613630
 Ion Ratio Lower Upper
 95 100
 174 63.8 50.8 76.2
 175 4.7 3.8 5.6





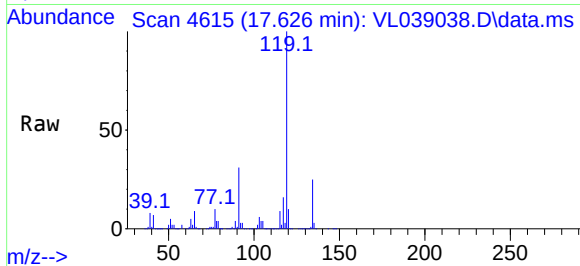
#69
p-Isopropyltoluene
Concen: 11.396 ppbv
RT: 17.626 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL0513ABS01

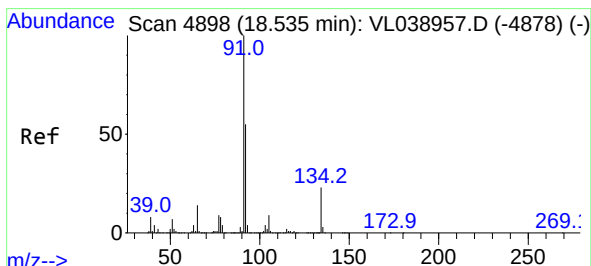
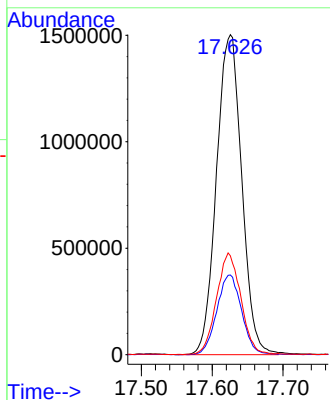
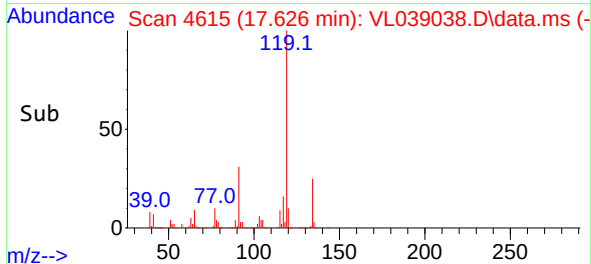


Tgt Ion:119 Resp: 3723824
Ion Ratio Lower Upper
119 100
134 24.6 20.0 30.0
91 30.7 24.8 37.2

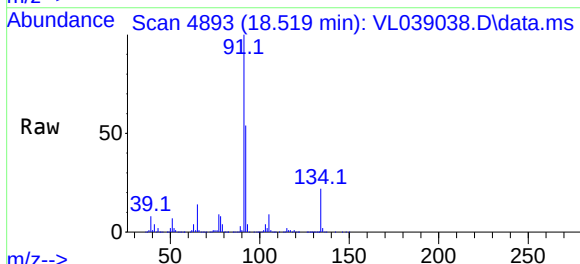
Manual Integrations

APPROVED

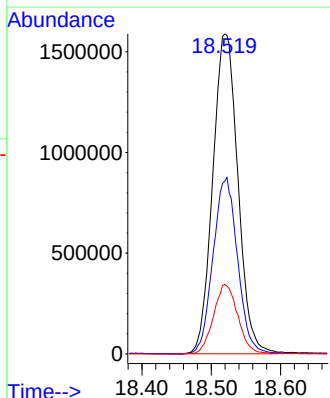
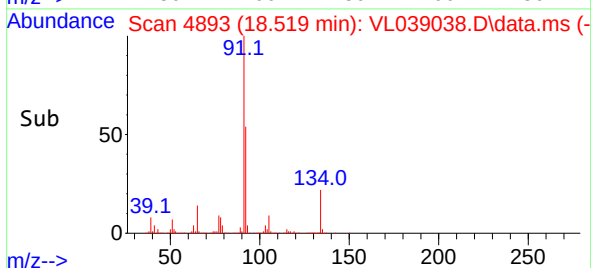
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

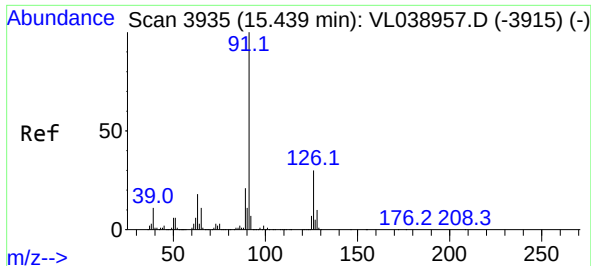


#70
n-Butylbenzene
Concen: 11.524 ppbv
RT: 18.519 min Scan# 4893
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



Tgt Ion: 91 Resp: 4000820
Ion Ratio Lower Upper
91 100
92 54.0 43.1 64.7
134 21.2 17.0 25.4





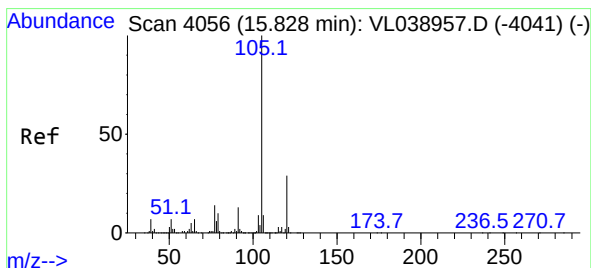
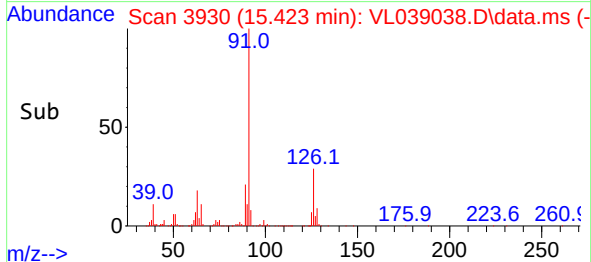
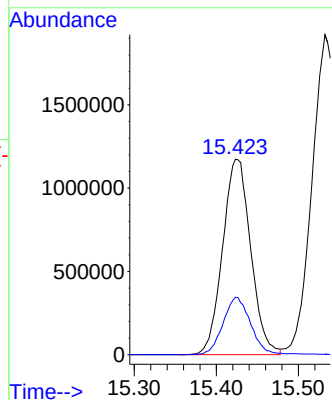
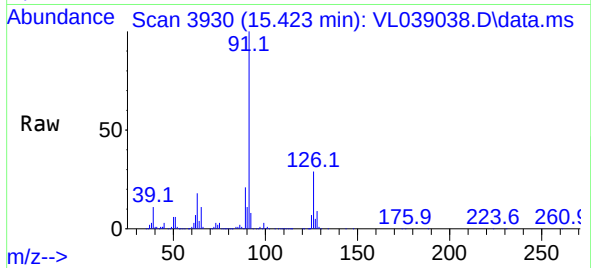
#71
2-Chlorotoluene
Concen: 11.238 ppbv
RT: 15.423 min Scan# 3935
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01

Tgt Ion: 91 Resp: 2799468
Ion Ratio Lower Upper
91 100
126 29.3 11.9 47.5

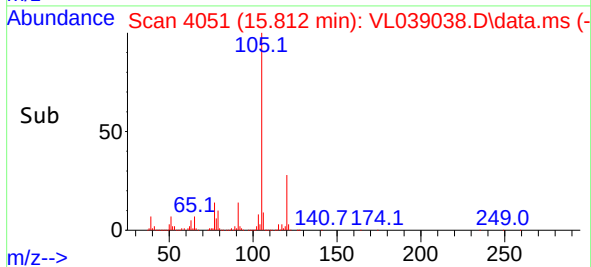
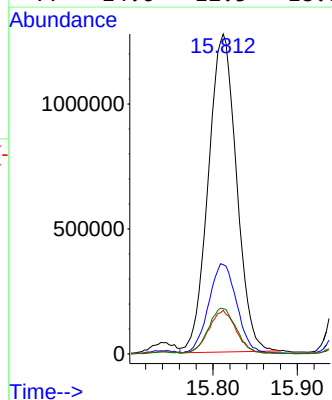
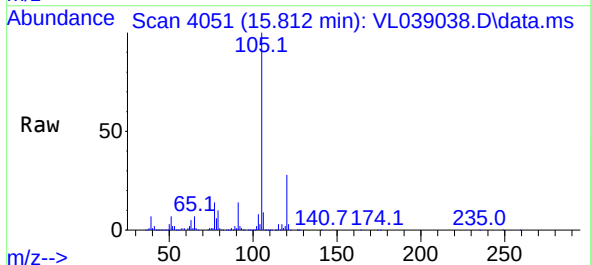
Manual Integrations
APPROVED

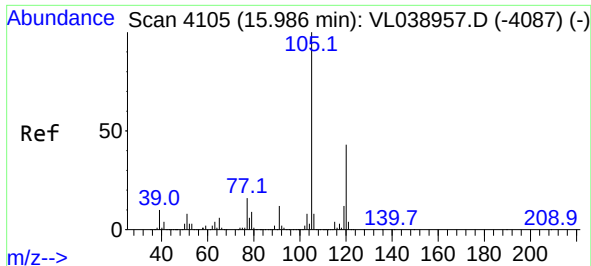
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022



#72
4-Ethyltoluene
Concen: 11.731 ppbv
RT: 15.812 min Scan# 4051
Delta R.T. -0.016 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

Tgt Ion:105 Resp: 2953605
Ion Ratio Lower Upper
105 100
120 28.8 23.4 35.0
91 13.3 10.6 16.0
77 14.6 12.5 18.7





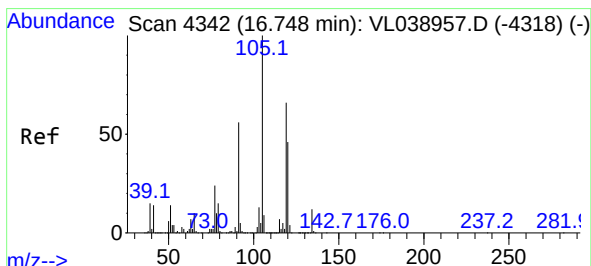
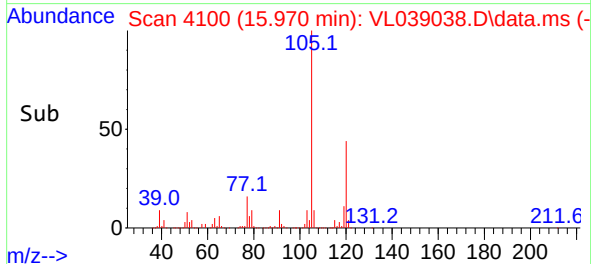
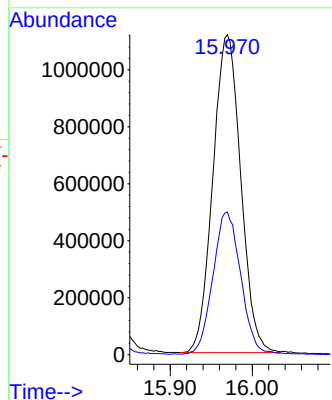
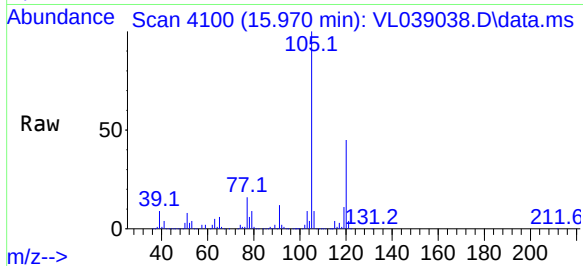
#73
 1,3,5-Trimethylbenzene
 Concen: 11.629 ppbv
 RT: 15.970 min Scan# 4105
 Delta R.T. -0.016 min
 Lab File: VL039038.D
 Acq: 13 May 2022 14:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0513ABS01

Tgt Ion:105 Resp: 2635914
 Ion Ratio Lower Upper
 105 100
 120 44.7 34.4 51.6

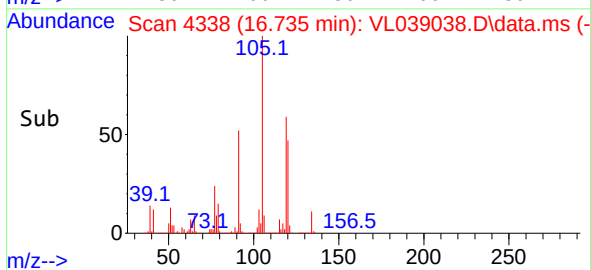
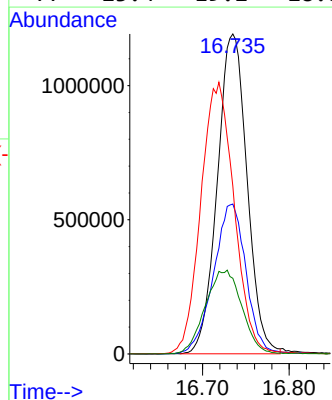
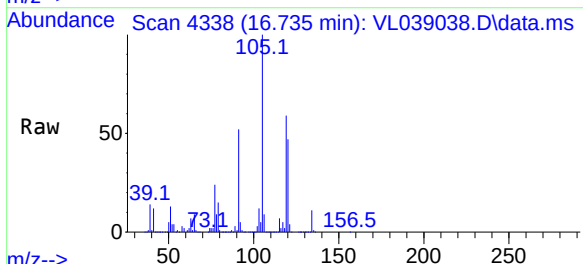
Manual Integrations
 APPROVED

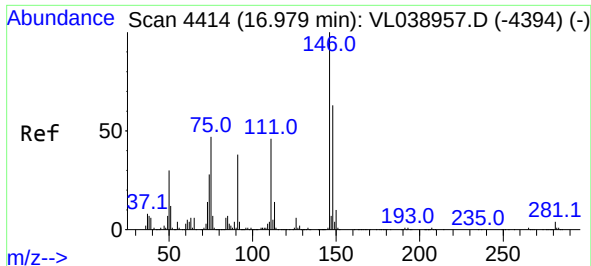
Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 11.433 ppbv
 RT: 16.735 min Scan# 4338
 Delta R.T. -0.013 min
 Lab File: VL039038.D
 Acq: 13 May 2022 14:59

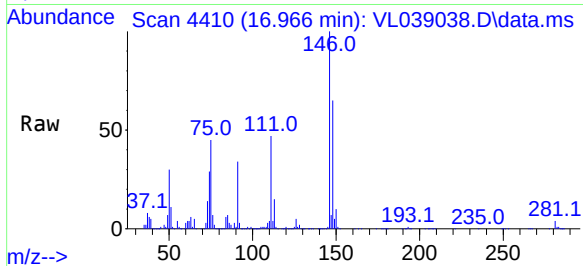
Tgt Ion:105 Resp: 2837564
 Ion Ratio Lower Upper
 105 100
 120 46.5 36.9 55.3
 91 51.8 45.0 67.4
 77 23.4 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 11.598 ppbv
RT: 16.966 min Scan# 4410
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

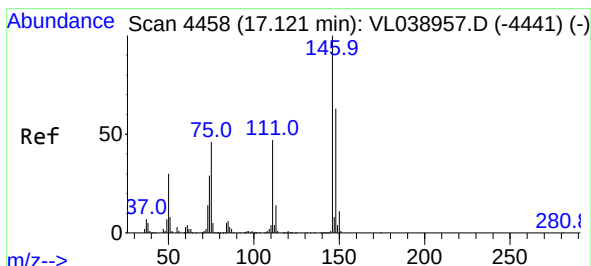
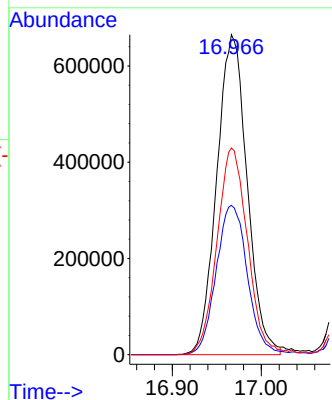
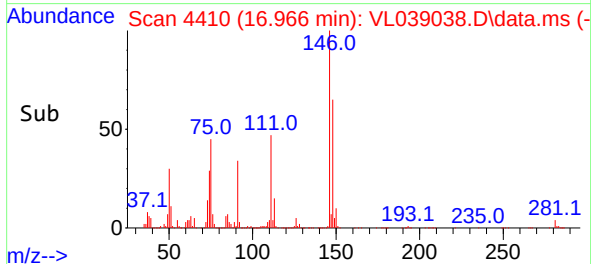
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



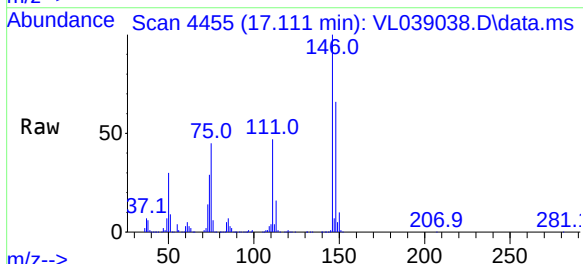
Tgt Ion:146 Resp: 157715
Ion Ratio Lower Upper
146 100
111 48.4 24.1 72.2
148 65.5 32.4 97.2

Manual Integrations
APPROVED

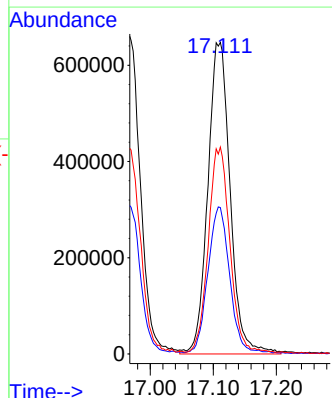
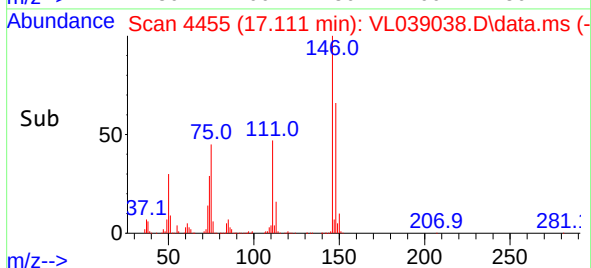
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

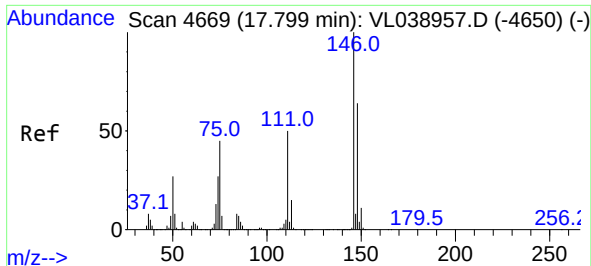


#76
1,4-Dichlorobenzene
Concen: 11.953 ppbv m
RT: 17.111 min Scan# 4455
Delta R.T. -0.009 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



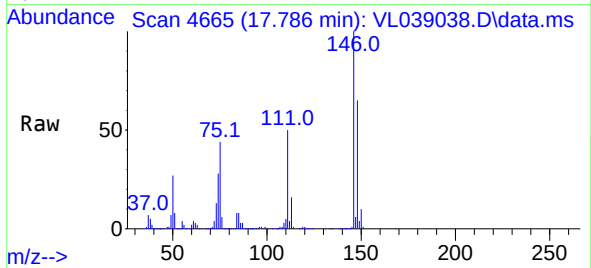
Tgt Ion:146 Resp: 1598997
Ion Ratio Lower Upper
146 100
111 46.1 23.6 71.0
148 65.0 32.2 96.6





#77
1,2-Dichlorobenzene
Concen: 11.373 ppbv
RT: 17.786 min Scan# 4665
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

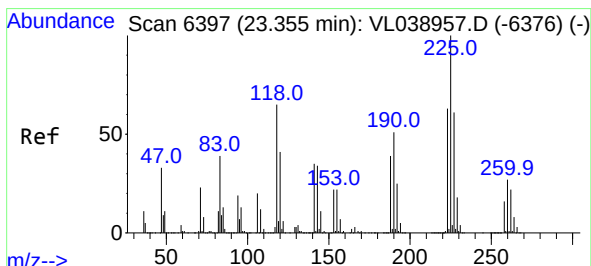
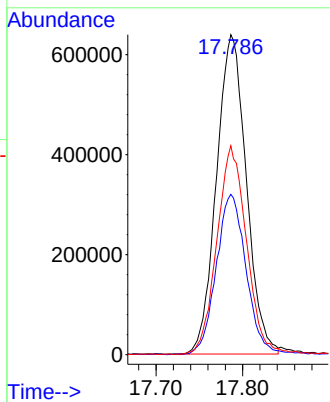
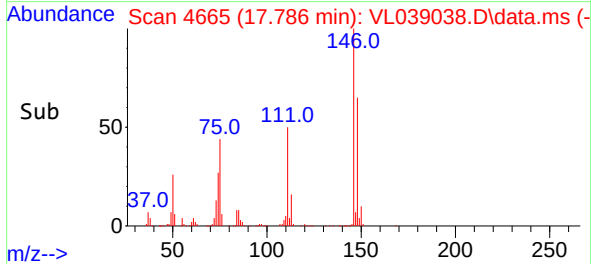
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



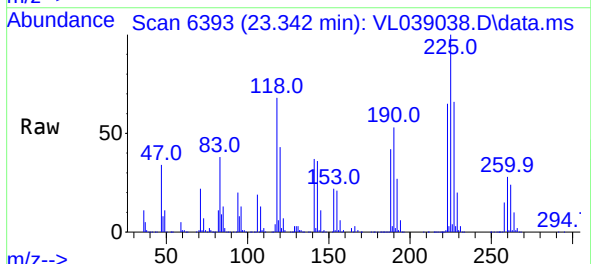
Tgt Ion:146 Resp: 152952
Ion Ratio Lower Upper
146 100
111 50.4 25.3 75.9
148 65.5 32.3 96.9

Manual Integrations
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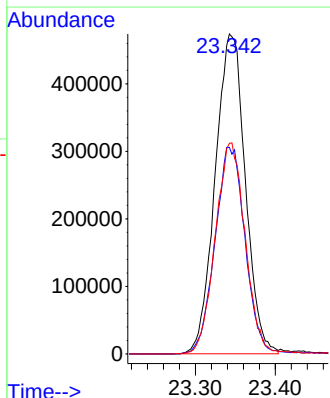
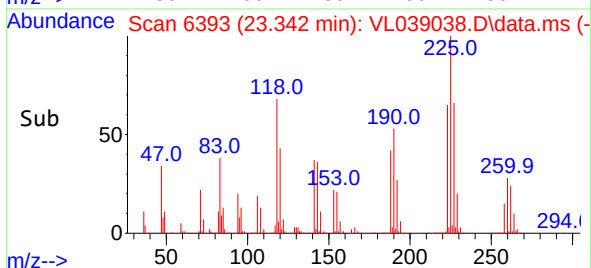
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

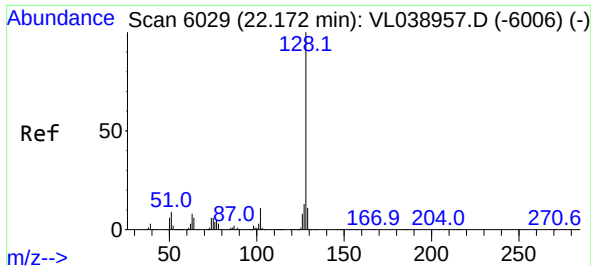


#78
Hexachloro-1,3-Butadiene
Concen: 10.022 ppbv
RT: 23.342 min Scan# 6393
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



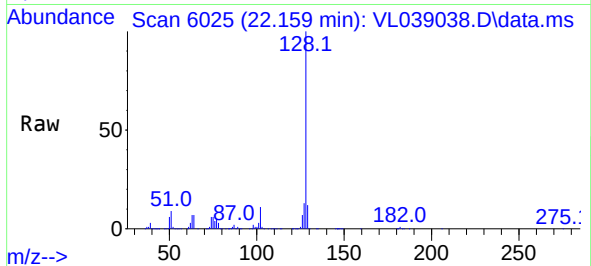
Tgt Ion:225 Resp: 1238813
Ion Ratio Lower Upper
225 100
223 65.1 51.4 77.0
227 65.6 51.4 77.0





#79
Naphthalene
Concen: 12.891 ppbv
RT: 22.159 min Scan# 6025
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59

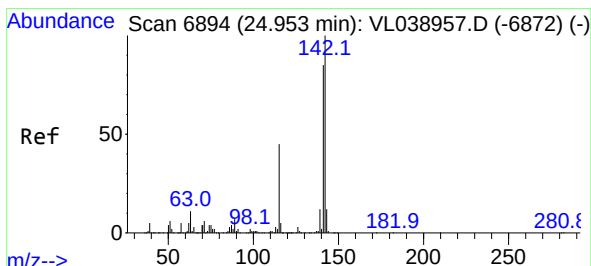
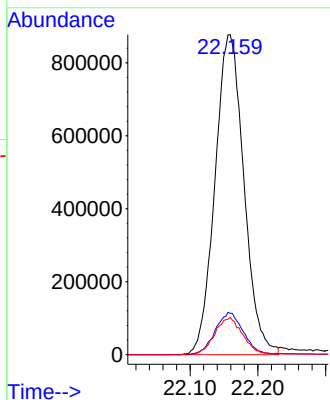
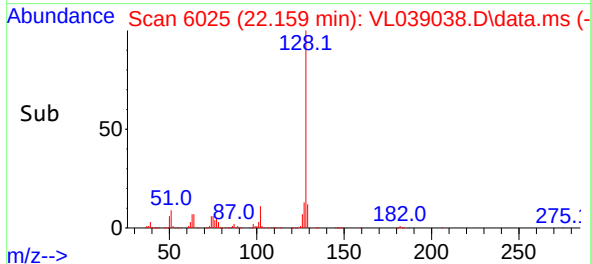
Instrument :
MSVOA_L
ClientSampleId :
VL0513ABS01



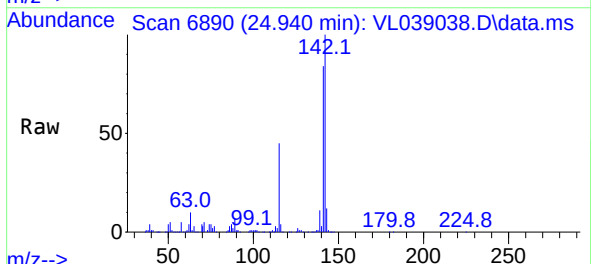
Tgt Ion:128 Resp: 2598814
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.7 8.9 13.3

Manual Integrations
APPROVED

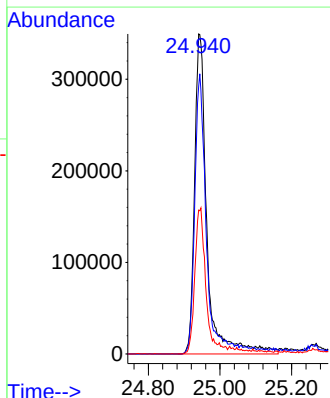
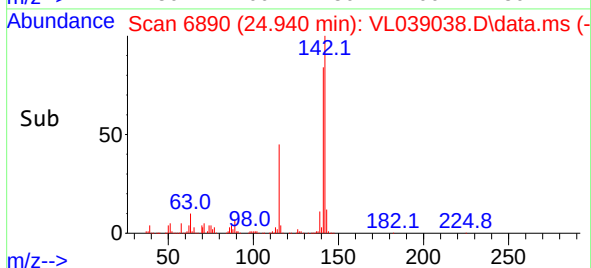
Reviewed By :Semsettin Yesilyurt 05/16/2022
Supervised By :Mahesh Dadoda 05/17/2022

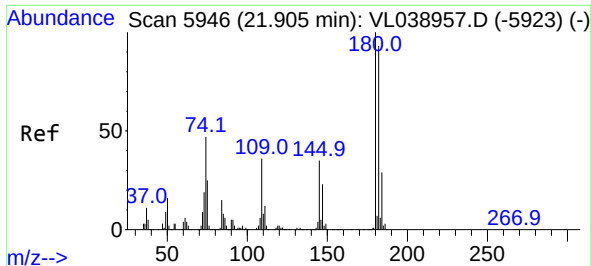


#80
Naphthalene,2-methyl-
Concen: 13.737 ppbv
RT: 24.940 min Scan# 6890
Delta R.T. -0.013 min
Lab File: VL039038.D
Acq: 13 May 2022 14:59



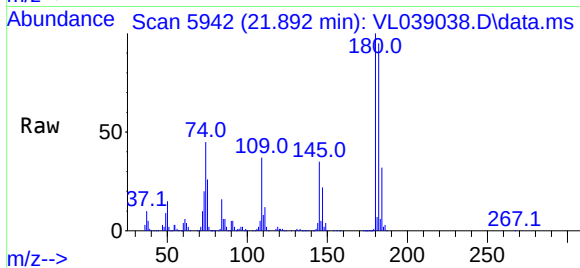
Tgt Ion:142 Resp: 837754
Ion Ratio Lower Upper
142 100
141 86.4 70.8 106.2
115 40.8 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 11.675 ppbv
 RT: 21.892 min Scan# 5942
 Delta R.T. -0.013 min
 Lab File: VL039038.D
 Acq: 13 May 2022 14:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0513ABS01



Tgt Ion:180 Resp: 137922

Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.4	117.6
184	31.0	24.4	36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022

