

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039088.D
 Acq On : 23 May 2022 17:02
 Operator : SY/AP
 Sample : 0.4 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Quant Time: May 24 05:59:33 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 26 13:00:07 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/25/2022
 Supervised By : Mahesh Dadoda 05/26/2022

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

Internal Standards						
1) Bromochloromethane	5.655	49	1045988	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	2514702	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.063	117	2145919	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.391	95	1860323	10.947	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.047	85	94357	0.576	ppbv	100
3) Chlorodifluoromethane	2.986	51	57265	0.441	ppbv	99
4) Chloromethane	3.144	50	25821	0.397	ppbv #	83
5) Vinyl Chloride	3.253	62	25287	0.426	ppbv	96
6) Bromomethane	3.468	94	14223m	0.507	ppbv	
7) Chloroethane	3.552	64	11530m	0.580	ppbv	
8) Dichlorotetrafluoroethane	3.189	85	65687	0.442	ppbv	88
9) Propene	3.009	41	26210m	0.462	ppbv	
10) Heptane	8.105	43	47457m	0.341	ppbv	
11) Trichlorofluoromethane	3.944	101	67856	0.483	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.475	101	47358m	0.489	ppbv	
13) Ethanol	3.613	45	2045	0.510	ppbv #	22
14) Bromoethene	3.732	108	19327	0.484	ppbv #	94
15) Acetone	3.857	43	63120m	0.640	ppbv	
16) 1,3-Butadiene	3.327	39	26967m	0.476	ppbv	
17) tert-Butyl alcohol	4.295	59	40925m	0.540	ppbv	
18) 1,1-Dichloroethene	4.282	96	20329m	0.488	ppbv	
19) Isopropyl Alcohol	3.970	45	24719m	0.527	ppbv	
20) Methylene Chloride	4.336	84	22247m	0.598	ppbv	
21) Allyl Chloride	4.401	41	28100m	0.418	ppbv	
22) trans-1,2-Dichloroethene	4.873	96	19886	0.442	ppbv	93
23) Vinyl Acetate	5.070	43	34784	0.446	ppbv #	86
24) 1,1-Dichloroethane	4.999	63	38161	0.424	ppbv	96
25) Ethyl Acetate	5.674	43	83298	0.353	ppbv #	94
26) Hexane	5.680	57	39200m	0.374	ppbv	
27) Carbon Disulfide	4.542	76	36931	0.371	ppbv #	80
28) Methyl tert-Butyl Ether	5.041	73	44088m	0.552	ppbv	
29) Chloroform	5.742	83	73832	0.435	ppbv	94
30) Cyclohexane	7.118	84	36075m	0.411	ppbv	
31) cis-1,2-Dichloroethene	5.539	61	41768m	0.391	ppbv	
32) 1,1,1-Trichloroethane	6.500	97	66525m	0.392	ppbv	
34) 2-Butanone	5.243	43	57481m	0.448	ppbv	
35) Carbon Tetrachloride	7.008	117	68591m	0.414	ppbv	
36) Benzene	6.880	78	76095m	0.354	ppbv	
37) 1,2-Dichloroethane	6.288	62	56593	0.425	ppbv	98
38) Trichloroethene	7.822	130	32825	0.343	ppbv #	84
39) 1,2-Dichloropropane	7.594	63	31656m	0.378	ppbv	
40) 1,4-Dioxane	7.851	88	13043m	0.434	ppbv	
41) Tetrahydrofuran	6.066	42	29655m	0.344	ppbv	
42) Bromodichloromethane	7.780	83	68188m	0.375	ppbv	
43) Methyl Methacrylate	8.008	69	27709m	0.317	ppbv	
44) 2,2,4-Trimethylpentane	7.857	57	138120m	0.366	ppbv	
45) t-1,3-Dichloropropene	9.262	75	23993m	0.284	ppbv	

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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.687	75	32187	0.287	ppbv	#	83
47) 1,1,2-Trichloroethane	9.455	97	33123m	0.380	ppbv		
48) Dibromochloromethane	10.282	129	47691m	0.336	ppbv		
49) Bromoform	13.011	173	32203m	0.298	ppbv		
50) 4-Methyl-2-Pentanone	8.745	43	73929m	0.329	ppbv		
51) 2-Hexanone	10.130	43	50530m	0.308	ppbv		
52) Tetrachloroethene	11.201	164	25631m	0.333	ppbv		
53) Toluene	9.790	91	71997	0.298	ppbv		93
54) 1,2-Dibromoethane	10.590	107	42126m	0.355	ppbv		
56) 1,1,1,2-Tetrachloroethane	12.108	131	36498	0.388	ppbv	#	67
57) Chlorobenzene	12.121	112	67889m	0.422	ppbv		
58) Ethyl Benzene	12.690	91	107247	0.347	ppbv		93
59) m/p-Xylene	12.976	91	199674m	0.757	ppbv		
60) o-Xylene	13.667	91	90580	0.365	ppbv		94
61) Styrene	13.510	104	42793m	0.323	ppbv		
62) Isopropylbenzene	14.645	105	139743	0.385	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.658	83	57353m	0.393	ppbv		
64) n-propylbenzene	15.542	120	32274m	0.368	ppbv		
65) tert-Butylbenzene	16.722	119	116779	0.367	ppbv		91
66) Benzyl Chloride	16.966	91	13434m	0.323	ppbv		
67) sec-Butylbenzene	17.268	105	165036m	0.363	ppbv		
69) p-Isopropyltoluene	17.632	119	131415m	0.358	ppbv		
70) n-Butylbenzene	18.529	91	134098m	0.344	ppbv		
71) 2-Chlorotoluene	15.429	91	106505m	0.381	ppbv		
72) 4-Ethyltoluene	15.815	105	92191	0.326	ppbv	#	94
73) 1,3,5-Trimethylbenzene	15.969	105	93319	0.367	ppbv		89
74) 1,2,4-Trimethylbenzene	16.735	105	105634m	0.379	ppbv		
75) 1,3-Dichlorobenzene	16.969	146	60274m	0.395	ppbv		
76) 1,4-Dichlorobenzene	17.117	146	55813m	0.372	ppbv		
77) 1,2-Dichlorobenzene	17.799	146	56289m	0.373	ppbv		
78) Hexachloro-1,3-Butadiene	23.355	225	58170m	0.419	ppbv		
79) Naphthalene	22.175	128	65510m	0.289	ppbv		
80) Naphthalene,2-methyl-	24.956	142	12826m	0.187	ppbv		
81) 1,2,4-Trichlorobenzene	21.902	180	41967m	0.316	ppbv		

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

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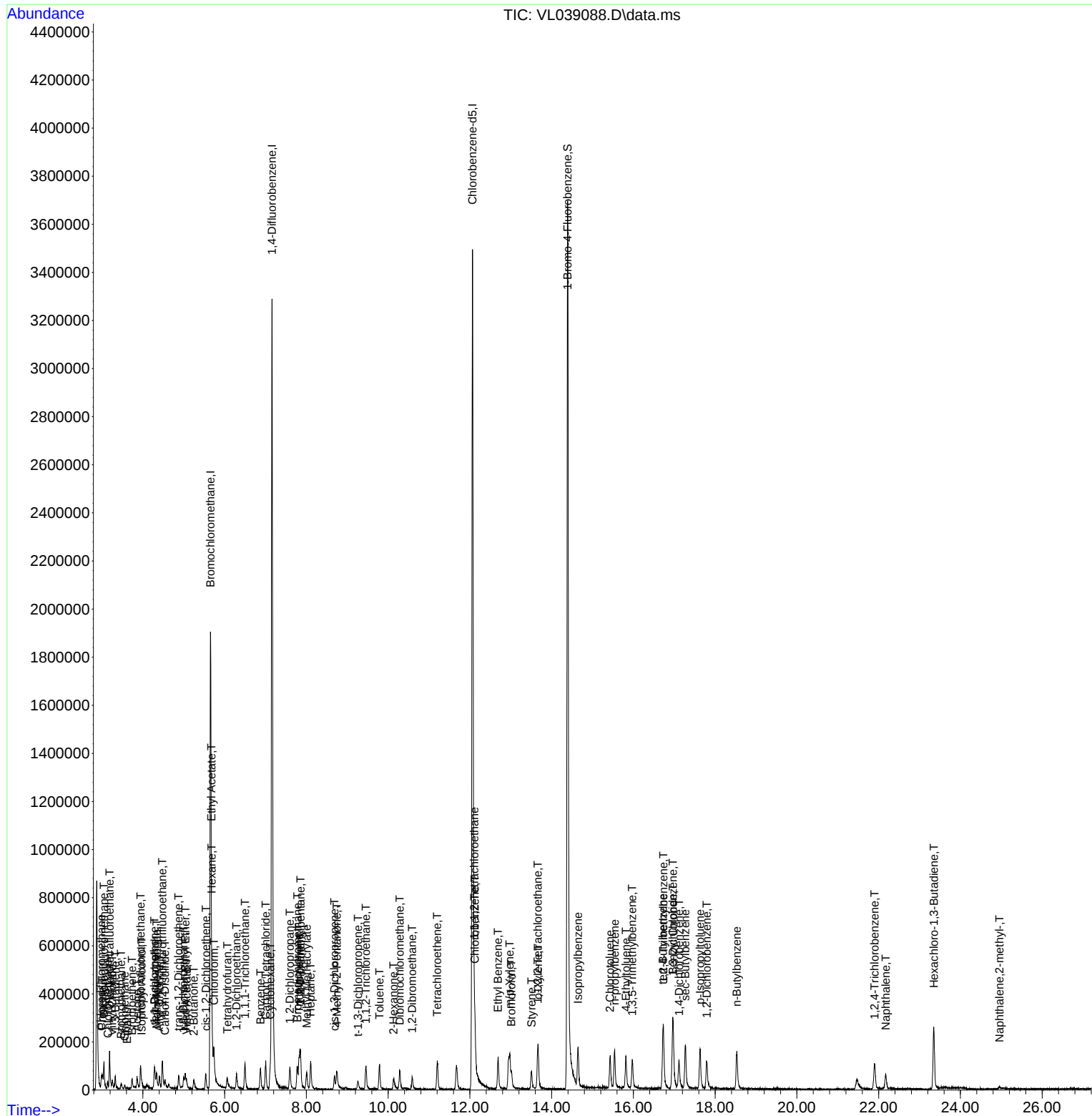
Quant Time: May 24 05:59:33 2022

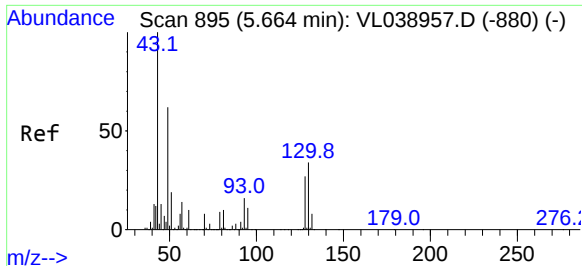
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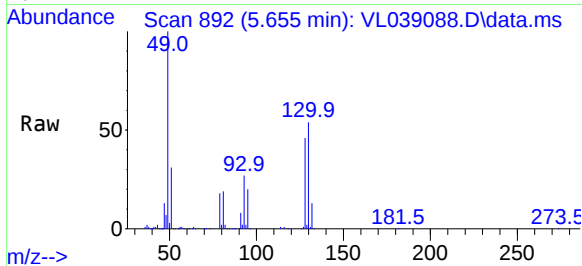
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 89
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

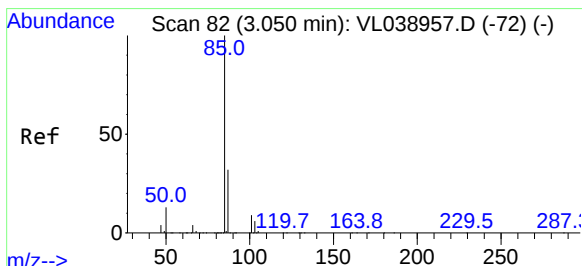
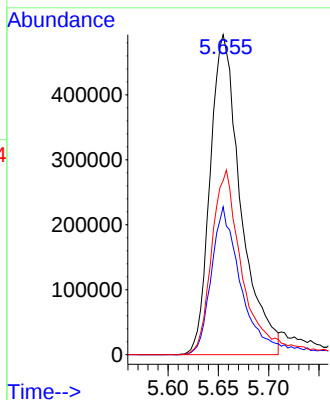
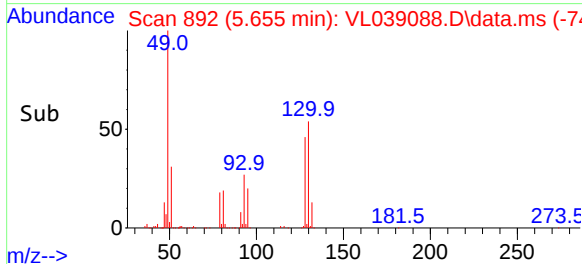
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 49 Resp: 104598
Ion Ratio Lower Upper
49 100
128 47.4 23.3 69.8
130 60.7 29.8 89.3

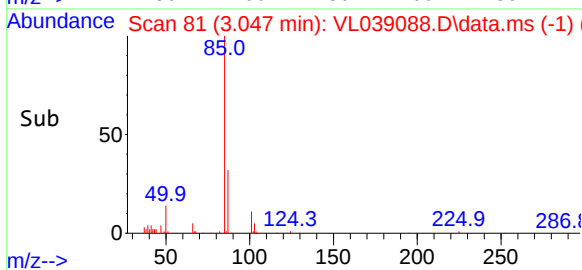
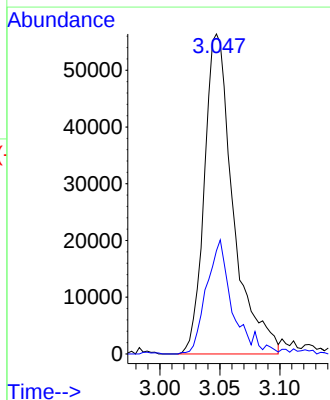
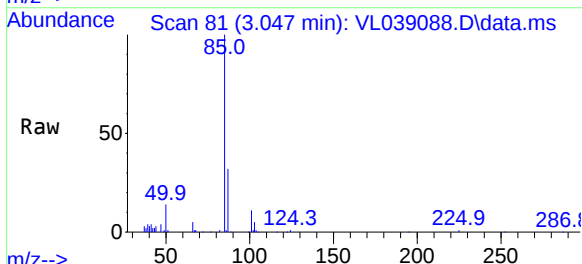
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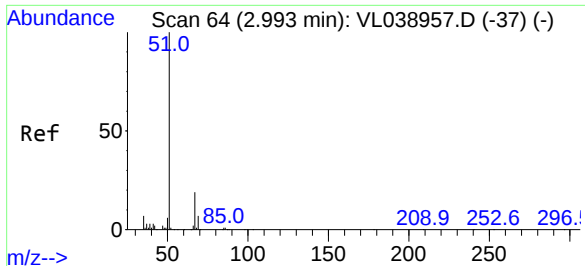
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#2
Dichlorodifluoromethane
Concen: 0.576 ppbv
RT: 3.047 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

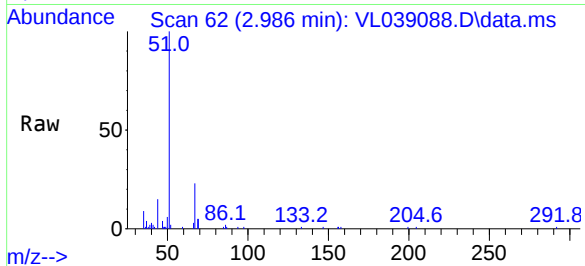
Tgt Ion: 85 Resp: 94357
Ion Ratio Lower Upper
85 100
87 32.3 25.7 38.5





#3
Chlorodifluoromethane
Concen: 0.441 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

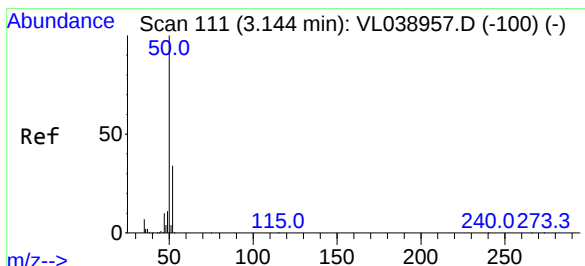
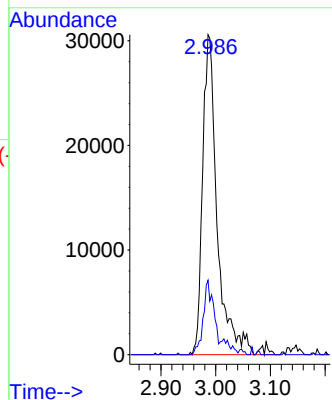
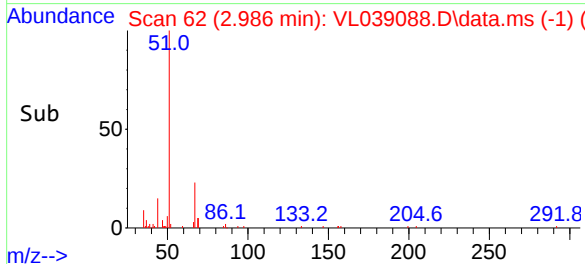
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 51 Resp: 5726
Ion Ratio Lower Upper
51 100
67 20.3 15.8 23.8

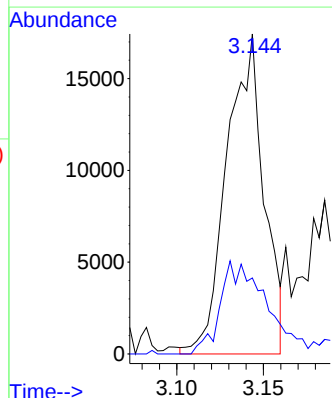
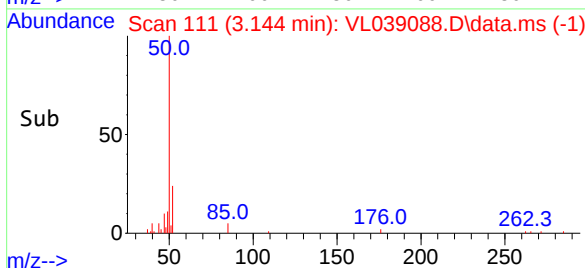
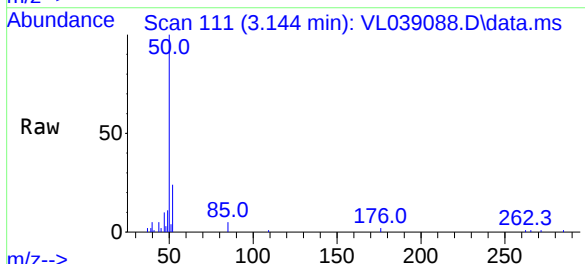
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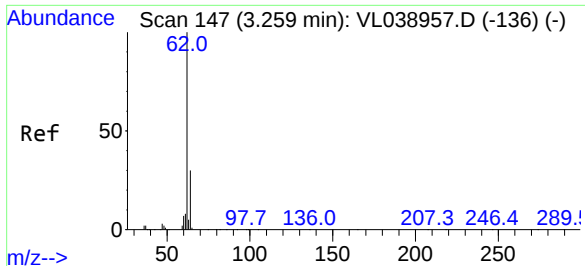
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#4
Chloromethane
Concen: 0.397 ppbv
RT: 3.144 min Scan# 111
Delta R.T. -0.000 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 50 Resp: 25821
Ion Ratio Lower Upper
50 100
52 24.2 27.3 40.9





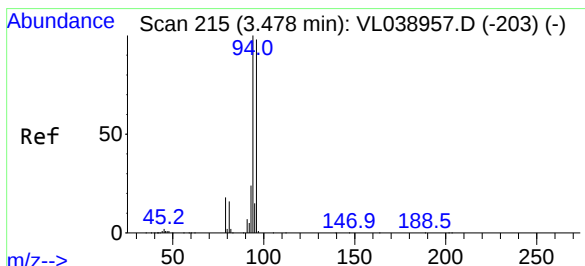
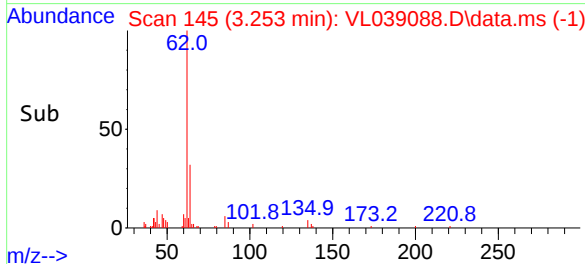
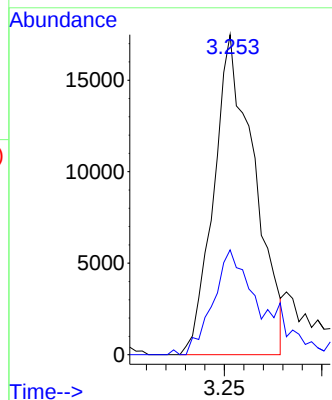
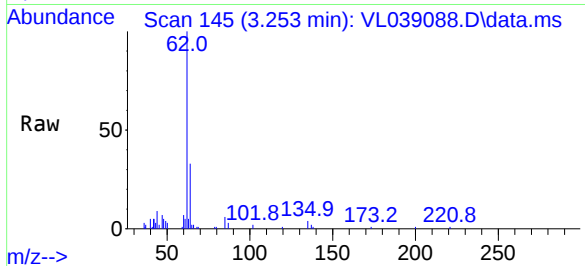
#5
 Vinyl Chloride
 Concen: 0.426 ppbv
 RT: 3.253 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VL039088.D
 Acq: 23 May 2022 17:02

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Tgt Ion: 62 Resp: 2528
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.2 36.4

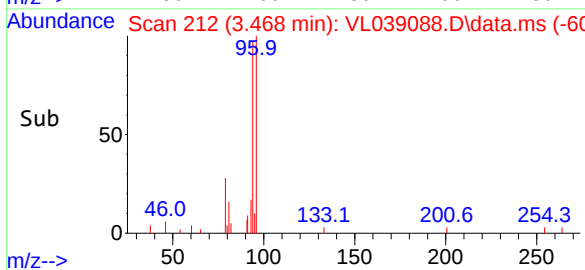
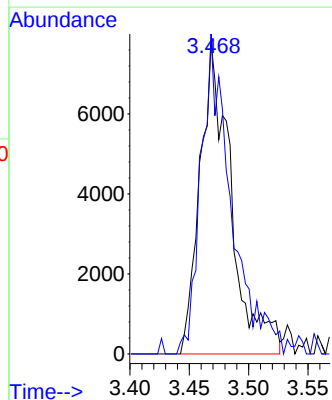
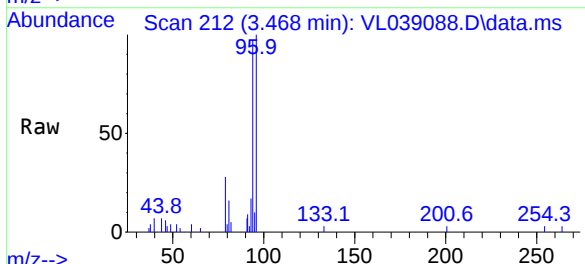
Manual Integrations
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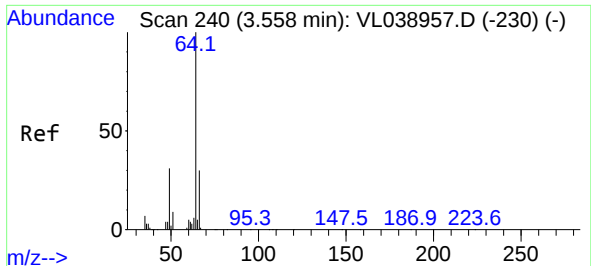
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022



#6
 Bromomethane
 Concen: 0.507 ppbv m
 RT: 3.468 min Scan# 212
 Delta R.T. -0.010 min
 Lab File: VL039088.D
 Acq: 23 May 2022 17:02

Tgt Ion: 94 Resp: 14223
 Ion Ratio Lower Upper
 94 100
 96 102.8 78.1 117.1





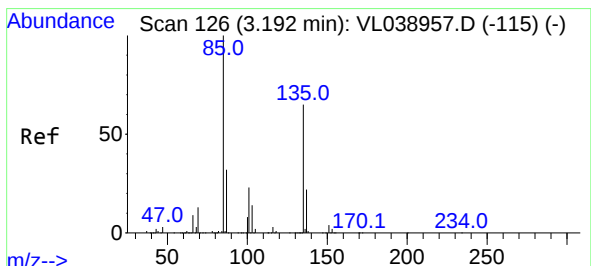
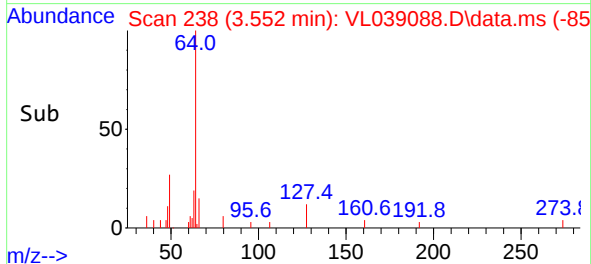
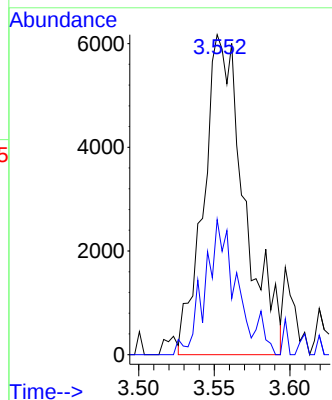
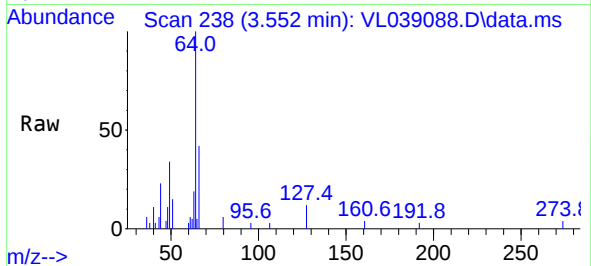
#7
Chloroethane
Concen: 0.580 ppbv m
RT: 3.552 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 64 Resp: 11530
Ion Ratio Lower Upper
64 100
66 42.2 23.8 35.8

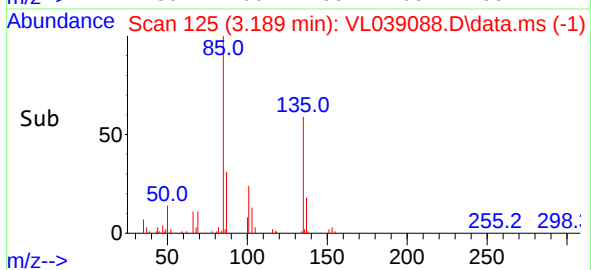
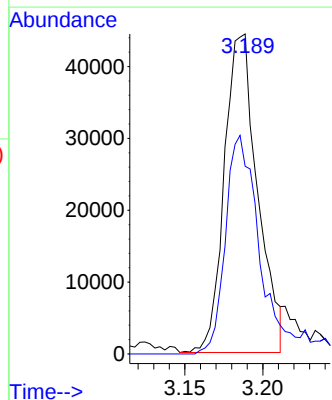
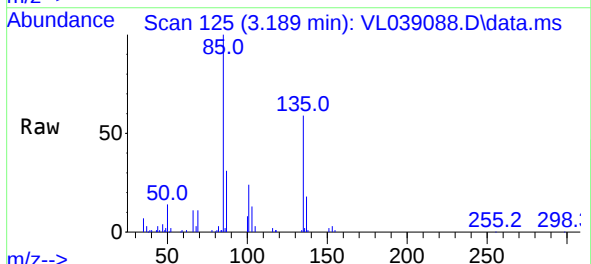
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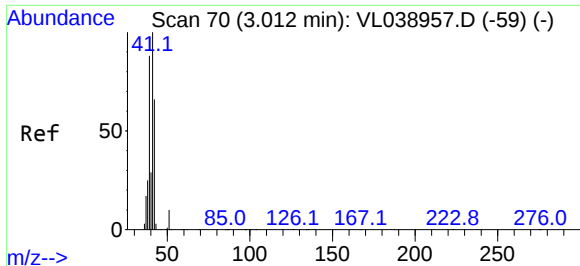
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#8
Dichlorotetrafluoroethane
Concen: 0.442 ppbv
RT: 3.189 min Scan# 125
Delta R.T. -0.003 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 85 Resp: 65687
Ion Ratio Lower Upper
85 100
135 76.3 53.6 80.4





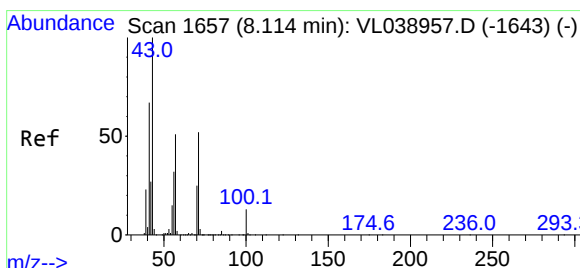
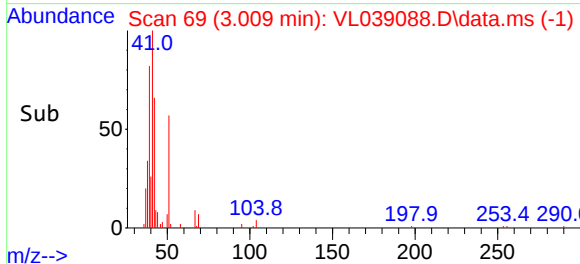
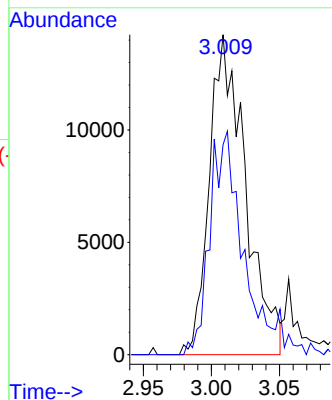
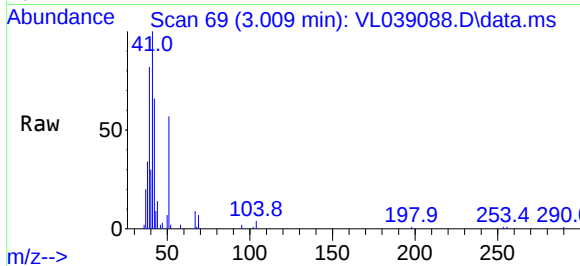
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Propene
Concen: 0.462 ppbv m
RT: 3.009 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 41 Resp: 26210
Ion Ratio Lower Upper
41 100
42 66.6 58.3 87.5

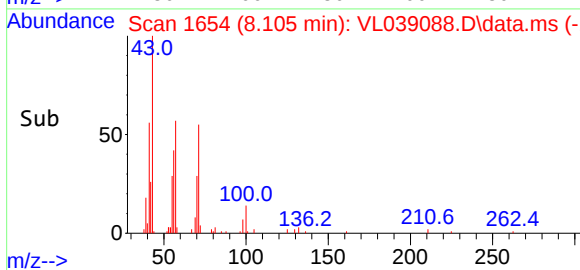
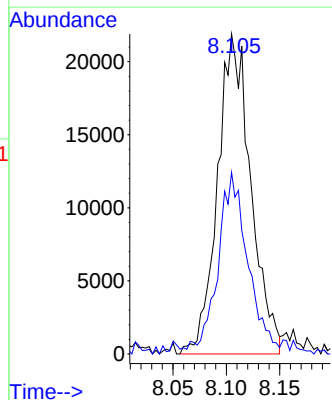
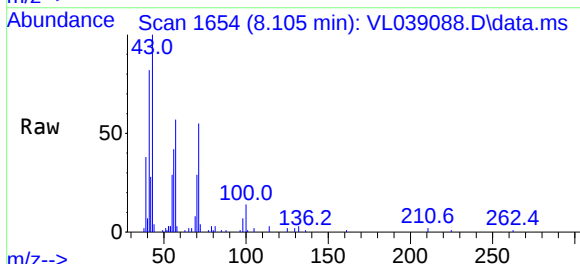
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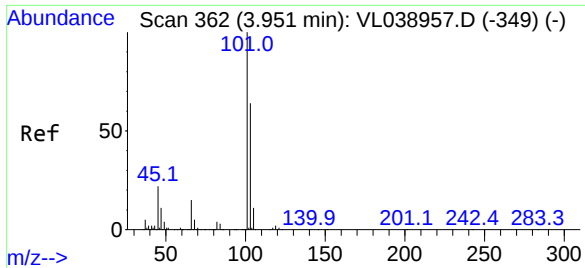
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#10
Heptane
Concen: 0.341 ppbv m
RT: 8.105 min Scan# 1654
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

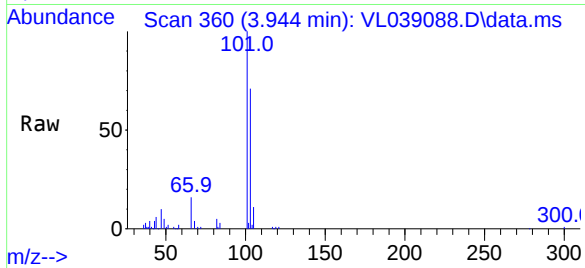
Tgt Ion: 43 Resp: 47457
Ion Ratio Lower Upper
43 100
57 54.2 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.483 ppbv
RT: 3.944 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

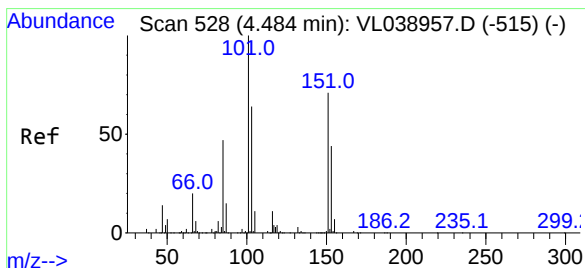
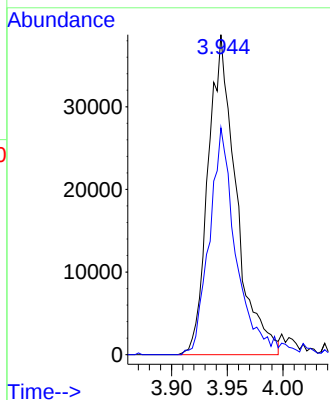
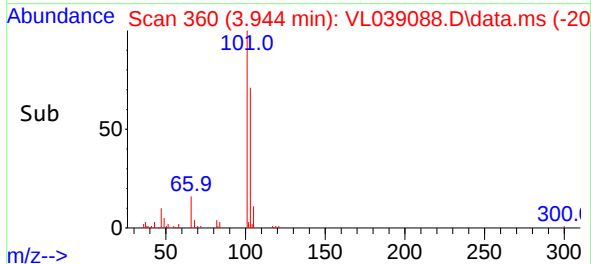
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



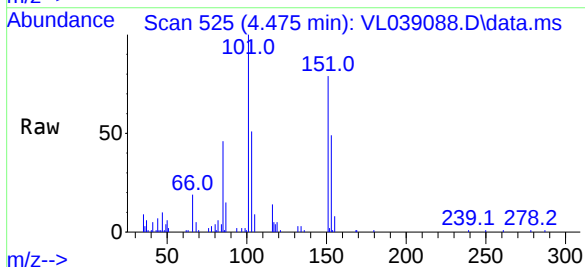
Tgt Ion:101 Resp: 67850
Ion Ratio Lower Upper
101 100
103 70.9 51.5 77.3

Manual Integrations
APPROVED

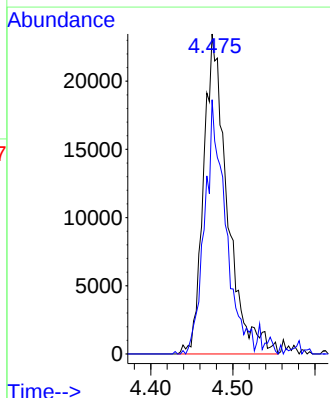
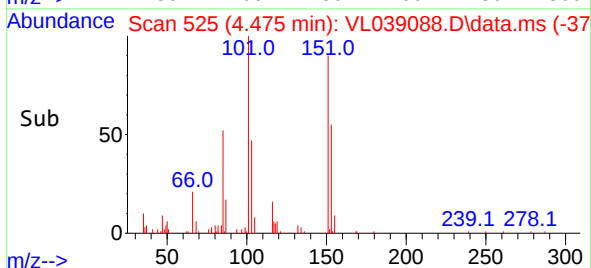
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

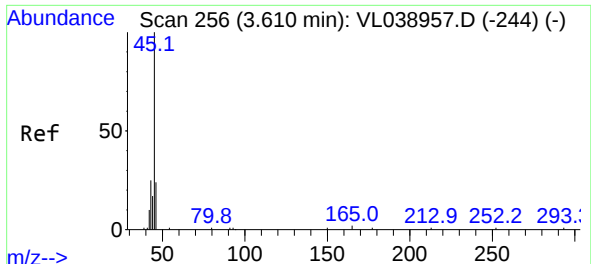


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.489 ppbv m
RT: 4.475 min Scan# 525
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



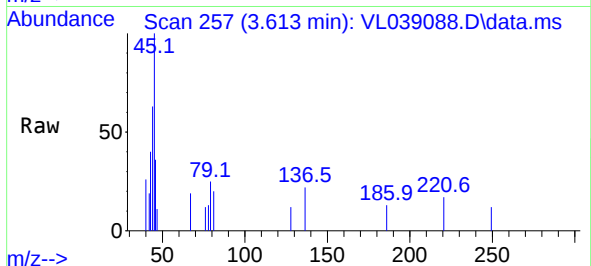
Tgt Ion:101 Resp: 47358
Ion Ratio Lower Upper
101 100
151 71.3 55.4 83.0





#13
Ethanol
Concen: 0.510 ppbv
RT: 3.613 min Scan# 214
Delta R.T. 0.003 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

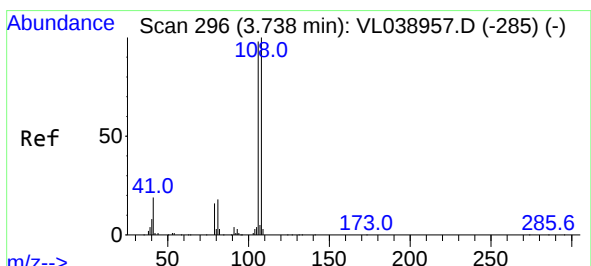
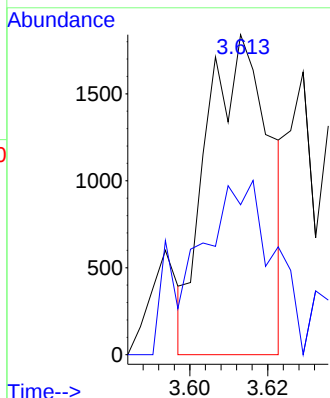
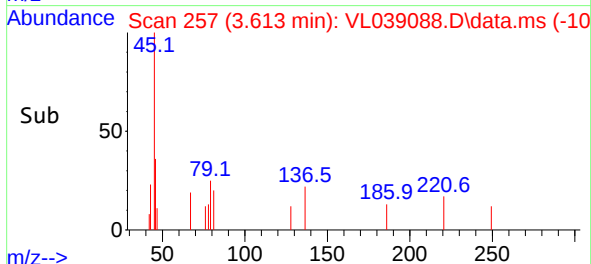
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



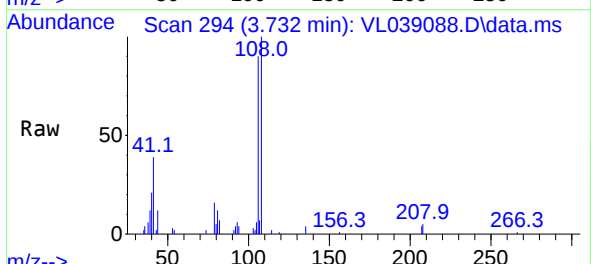
Tgt Ion: 45 Resp: 2049
Ion Ratio Lower Upper
45 100
46 96.5 18.0 72.2

Manual Integrations
APPROVED

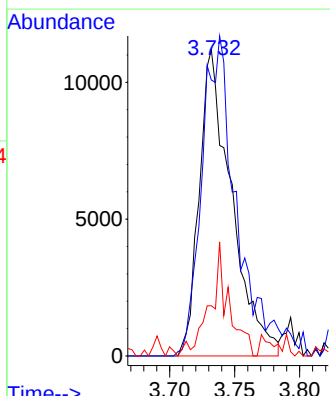
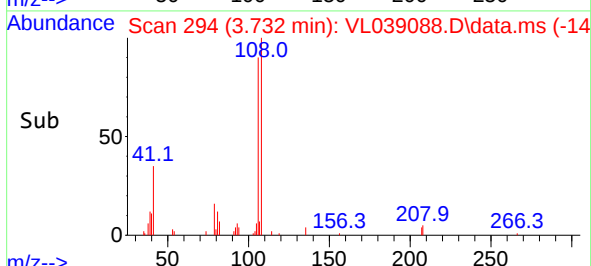
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

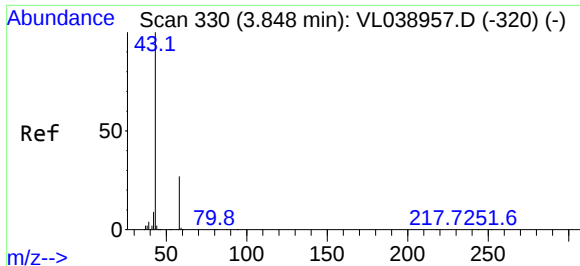


#14
Bromoethene
Concen: 0.484 ppbv
RT: 3.732 min Scan# 294
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



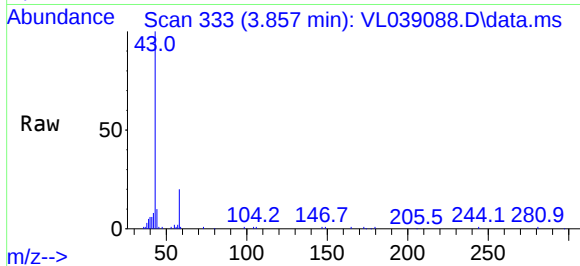
Tgt Ion:108 Resp: 19327
Ion Ratio Lower Upper
108 100
106 117.2 90.3 135.5
79 25.6 14.9 22.3





#15
Acetone
Concen: 0.640 ppbv m
RT: 3.857 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

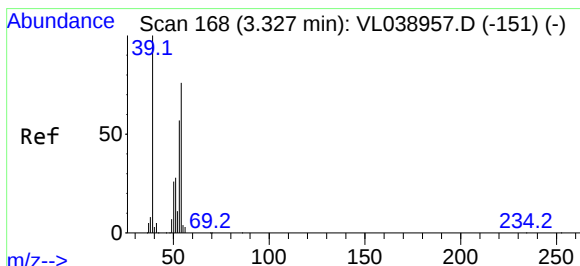
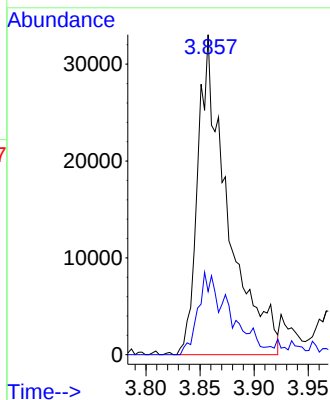
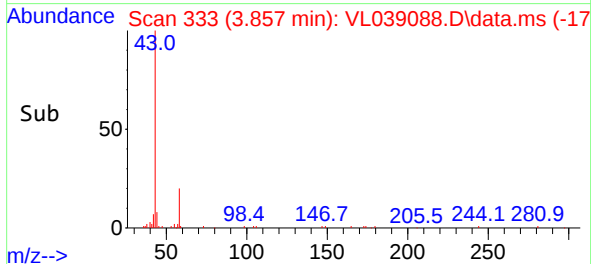
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 43 Resp: 63120
Ion Ratio Lower Upper
43 100
58 31.2 21.3 31.9

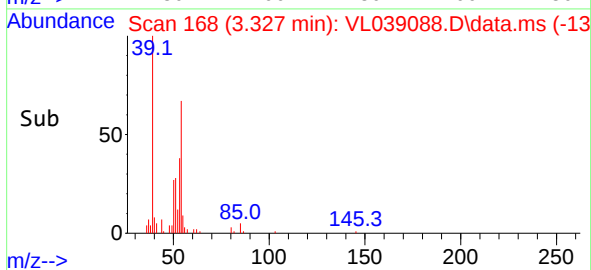
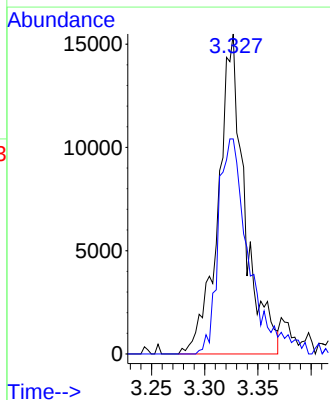
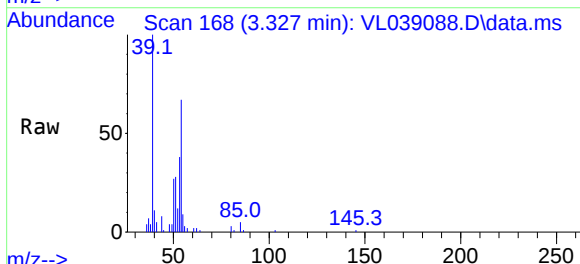
Manual Integrations
APPROVED

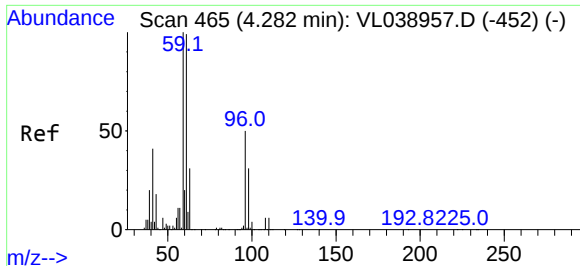
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#16
1,3-Butadiene
Concen: 0.476 ppbv m
RT: 3.327 min Scan# 168
Delta R.T. -0.000 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 39 Resp: 26967
Ion Ratio Lower Upper
39 100
54 76.8 65.2 97.8





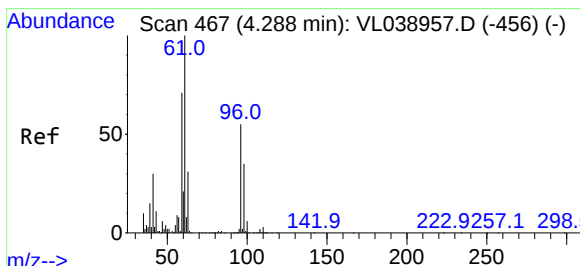
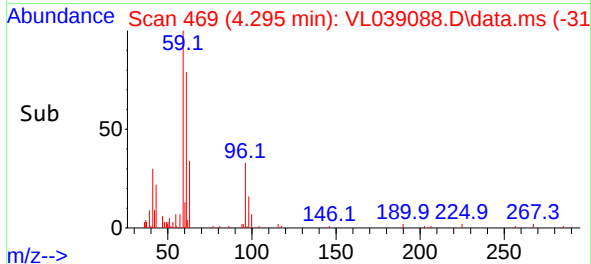
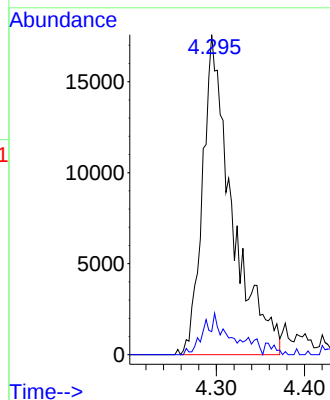
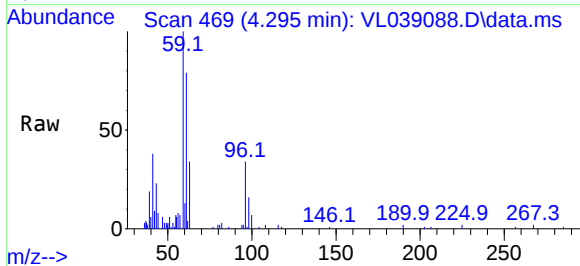
#17
tert-Butyl alcohol
Concen: 0.540 ppbv m
RT: 4.295 min Scan# 40925
Delta R.T. 0.013 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 59 Resp: 40925
Ion Ratio Lower Upper
59 100
57 13.2 9.2 13.8

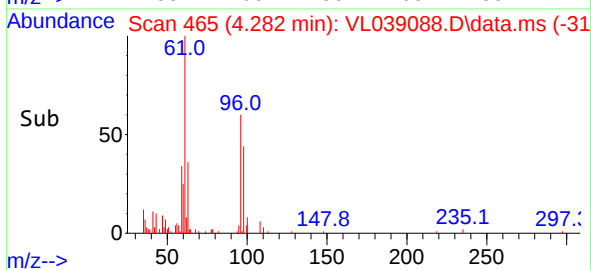
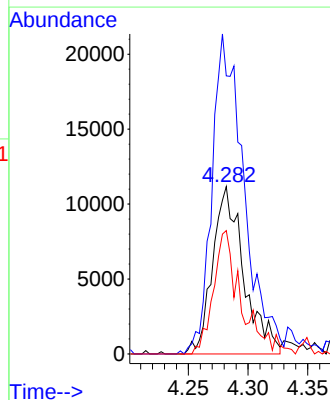
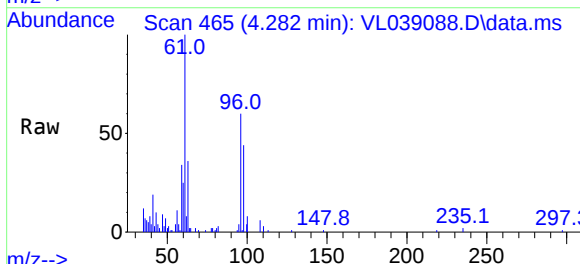
Manual Integrations
APPROVED

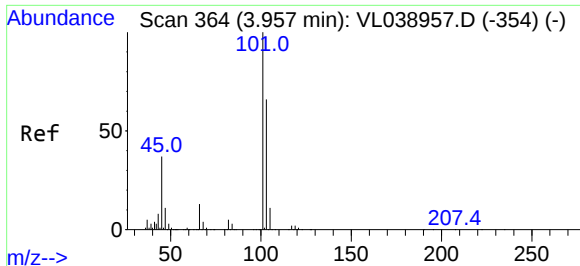
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#18
1,1-Dichloroethene
Concen: 0.488 ppbv m
RT: 4.282 min Scan# 465
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

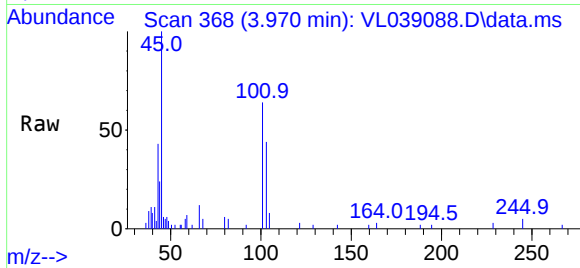
Tgt Ion: 96 Resp: 20329
Ion Ratio Lower Upper
96 100
61 166.1 146.3 219.5
98 73.7 50.6 75.8





#19
Isopropyl Alcohol
Concen: 0.527 ppbv m
RT: 3.970 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

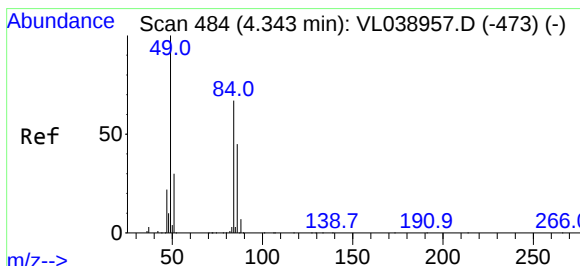
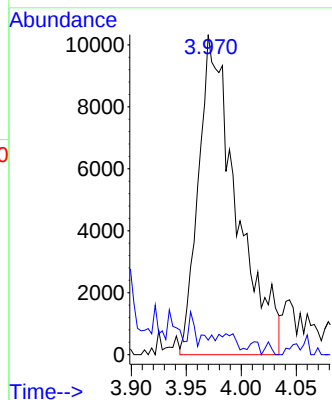
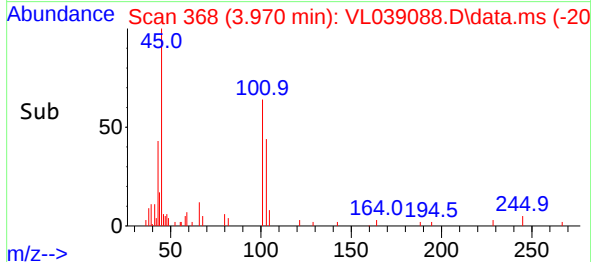
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



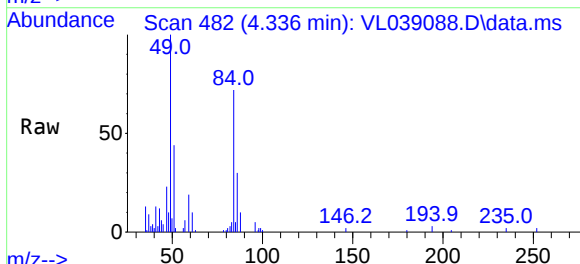
Tgt Ion: 45 Resp: 24719
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.25

Manual Integrations
APPROVED

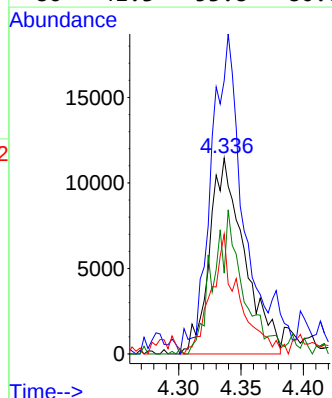
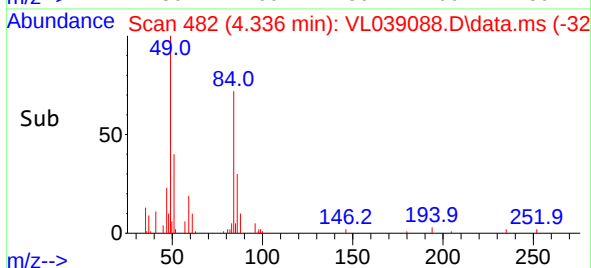
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

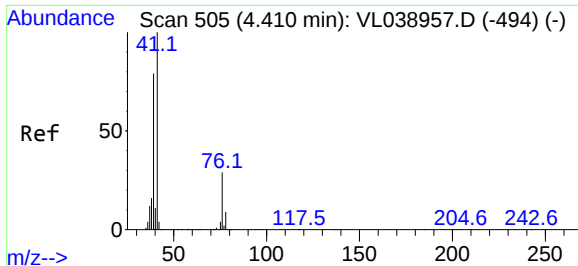


#20
Methylene Chloride
Concen: 0.598 ppbv m
RT: 4.336 min Scan# 482
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



Tgt Ion: 84 Resp: 22247
Ion Ratio Lower Upper
84 100
49 139.7 119.9 179.9
51 61.2 35.7 53.5#
86 41.3 53.8 80.6#





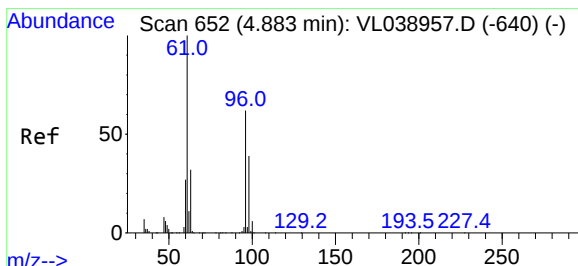
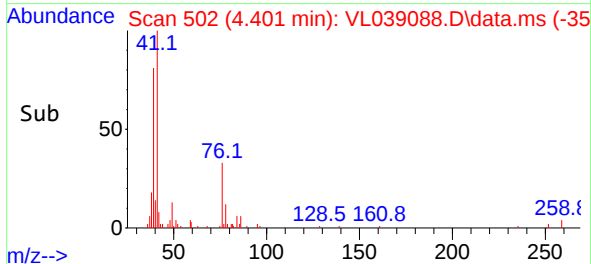
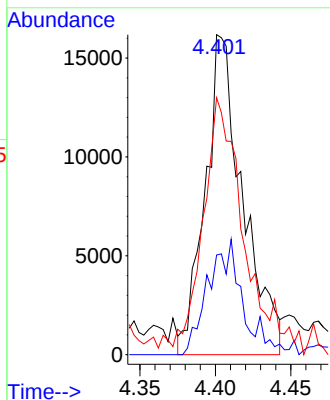
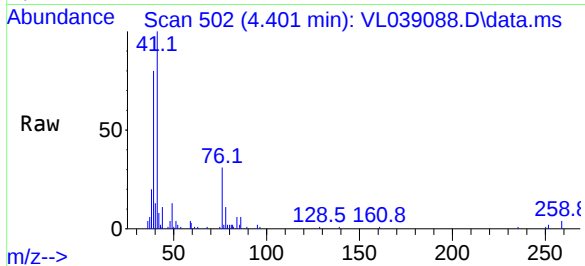
#21
 Allyl Chloride
 Concen: 0.418 ppbv m
 RT: 4.401 min Scan# 505
 Delta R.T. -0.010 min
 Lab File: VL039088.D
 Acq: 23 May 2022 17:02

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Tgt Ion: 41 Resp: 28100
 Ion Ratio Lower Upper
 41 100
 76 35.7 24.2 36.4
 39 87.1 63.8 95.8

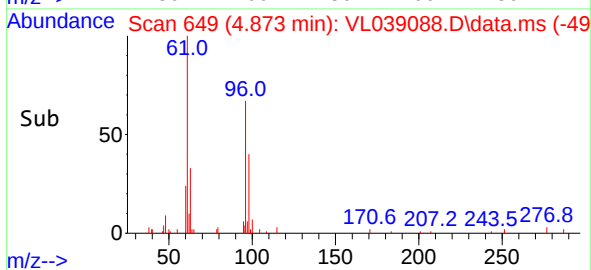
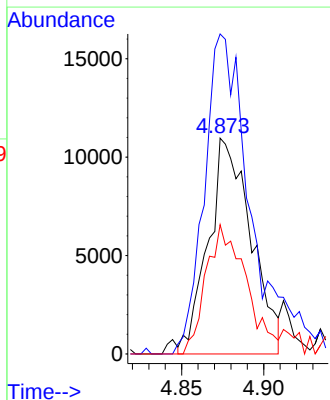
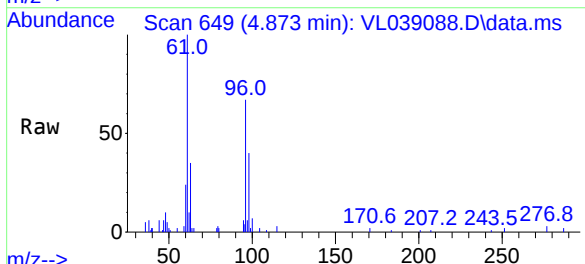
Manual Integrations
 APPROVED

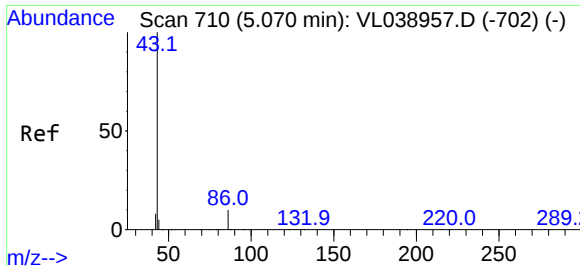
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.442 ppbv
 RT: 4.873 min Scan# 649
 Delta R.T. -0.010 min
 Lab File: VL039088.D
 Acq: 23 May 2022 17:02

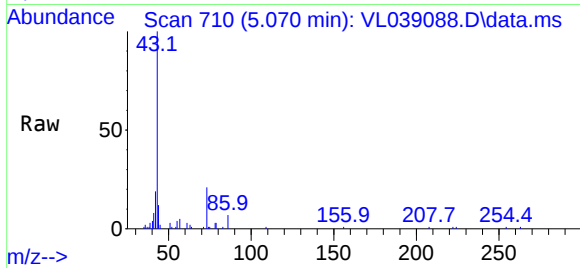
Tgt Ion: 96 Resp: 19886
 Ion Ratio Lower Upper
 96 100
 61 148.3 128.2 192.2
 98 61.8 50.1 75.1





#23
 Vinyl Acetate
 Concen: 0.446 ppbv
 RT: 5.070 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VL039088.D
 Acq: 23 May 2022 17:02

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

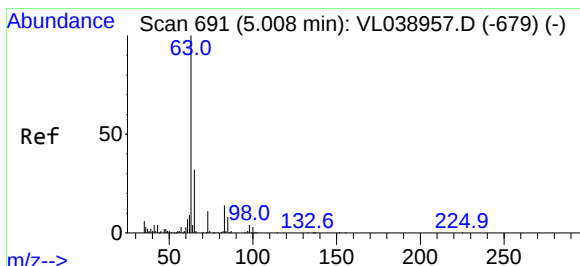
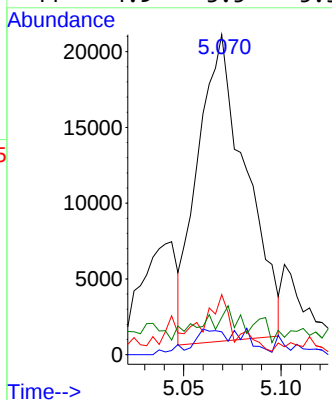
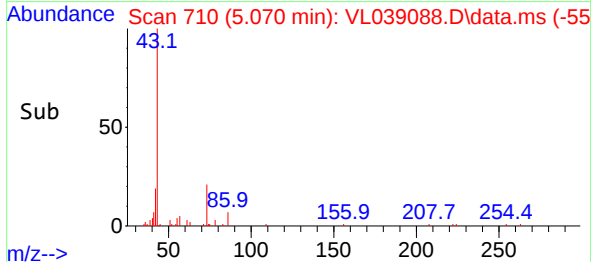


Tgt Ion: 43 Resp: 34784

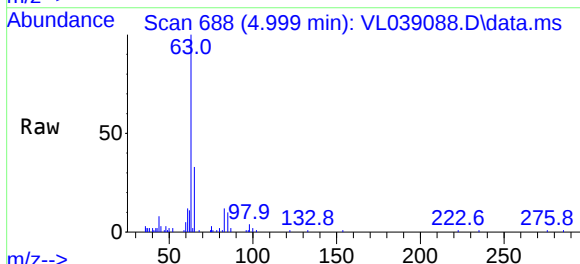
Ion	Ratio	Lower	Upper
43	100		
86	4.9	6.6	9.8
42	18.5	8.1	12.1
44	4.9	3.5	5.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

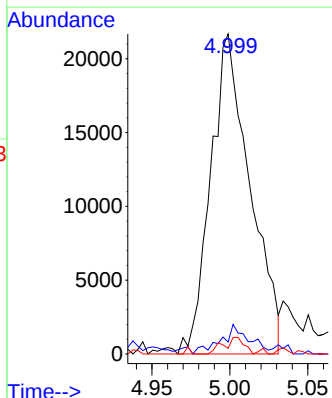
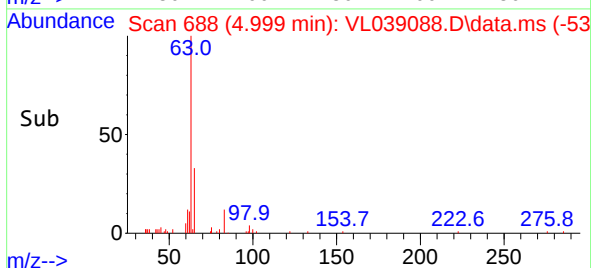


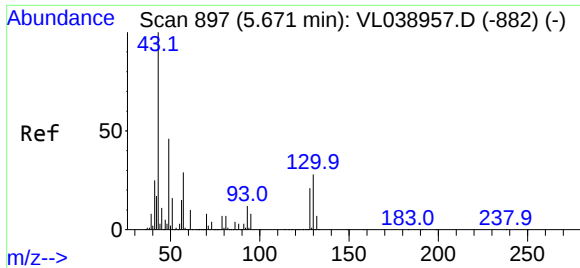
#24
 1,1-Dichloroethane
 Concen: 0.424 ppbv
 RT: 4.999 min Scan# 688
 Delta R.T. -0.010 min
 Lab File: VL039088.D
 Acq: 23 May 2022 17:02



Tgt Ion: 63 Resp: 38161

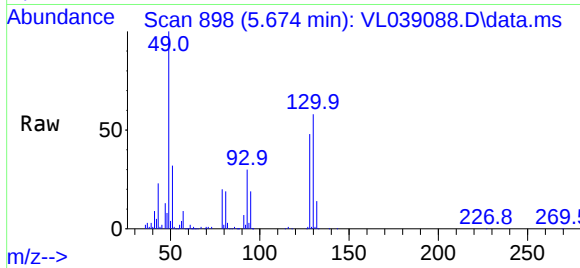
Ion	Ratio	Lower	Upper
63	100		
98	2.5	2.1	6.2
100	1.7	1.4	4.2





#25
Ethyl Acetate
Concen: 0.353 ppbv
RT: 5.674 min Scan# 897
Delta R.T. 0.003 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

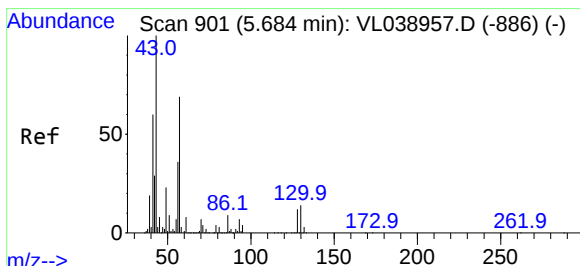
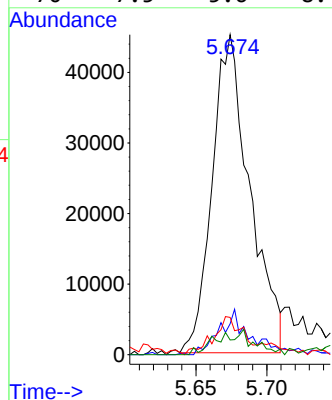
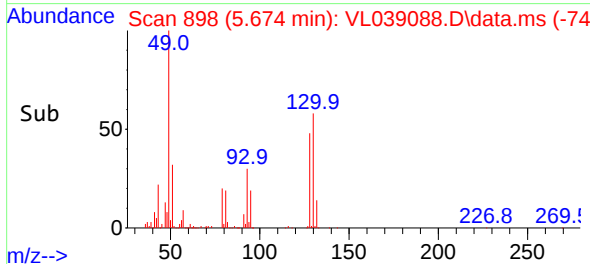
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



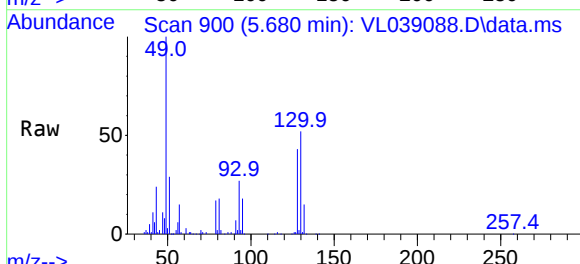
Tgt Ion: 43 Resp: 83298
Ion Ratio Lower Upper
43 100
45 13.1 8.1 12.1
61 12.3 7.8 11.6
70 7.5 5.6 8.4

Manual Integrations
APPROVED

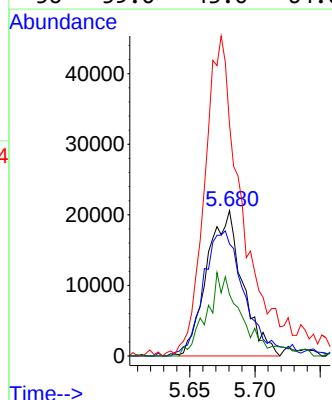
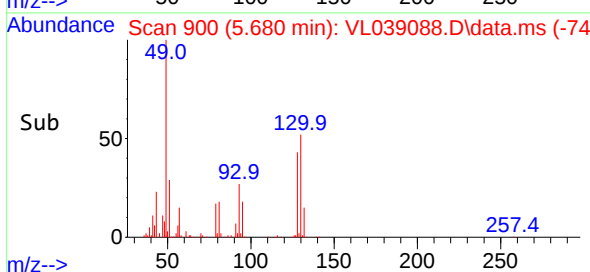
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

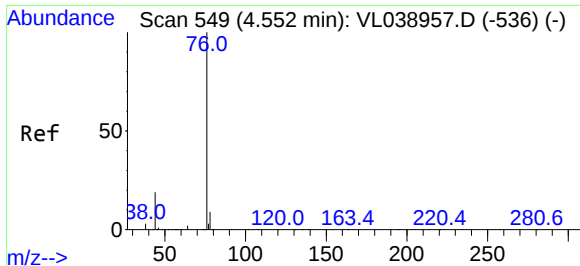


#26
Hexane
Concen: 0.374 ppbv m
RT: 5.680 min Scan# 900
Delta R.T. -0.003 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



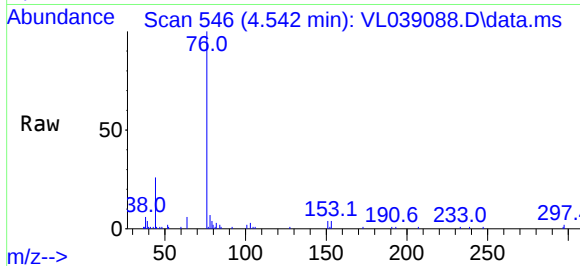
Tgt Ion: 57 Resp: 39200
Ion Ratio Lower Upper
57 100
41 0.0 75.2 112.8#
43 0.0 190.8 286.2#
56 59.0 43.0 64.6





#27
Carbon Disulfide
Concen: 0.371 ppbv
RT: 4.542 min Scan# 549
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

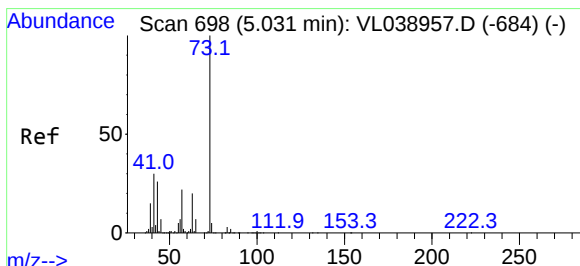
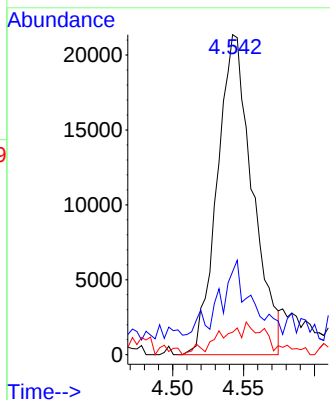
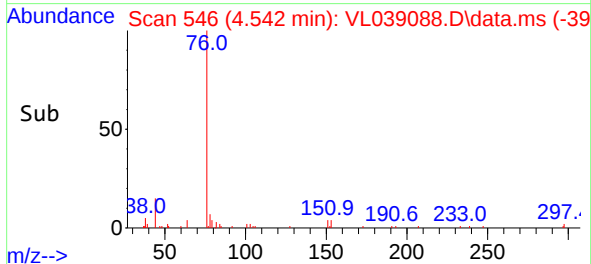
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 76 Resp: 3693
Ion Ratio Lower Upper
76 100
44 30.4 15.3 22.9
78 14.3 8.2 12.2

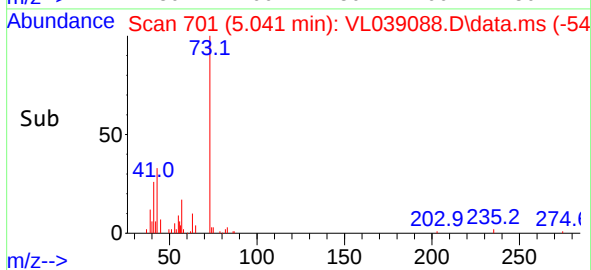
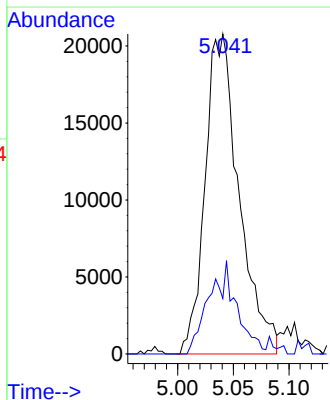
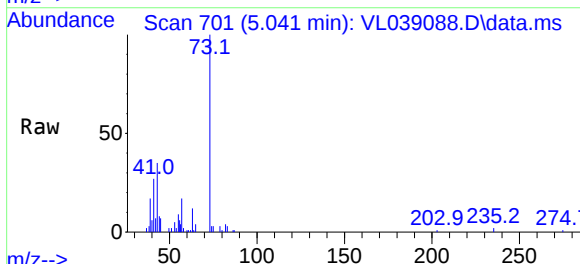
Manual Integrations
APPROVED

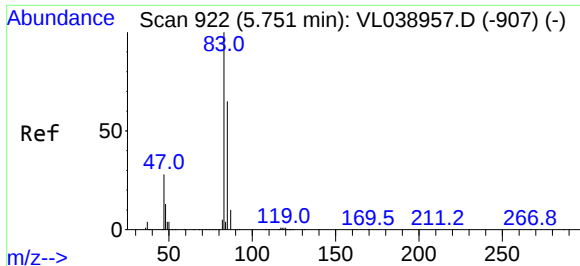
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#28
Methyl tert-Butyl Ether
Concen: 0.552 ppbv m
RT: 5.041 min Scan# 701
Delta R.T. 0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 73 Resp: 44088
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2





#29

Chloroform

Concen: 0.435 ppbv

RT: 5.742 min Scan# 919

Delta R.T. -0.010 min

Lab File: VL039088.D

Acq: 23 May 2022 17:02

Instrument :

MSVOA_L

ClientSampleId :

0.4 MDL

Tgt Ion: 83 Resp: 7383

Ion Ratio Lower Upper

83 100

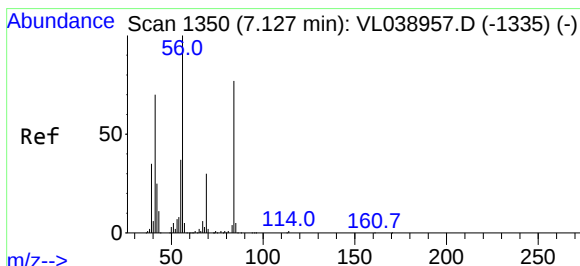
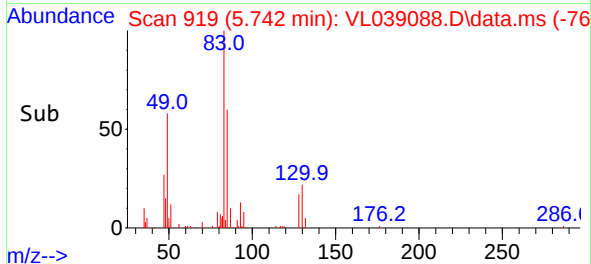
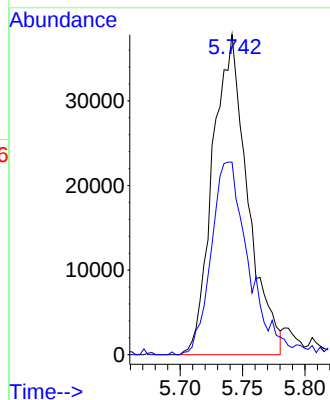
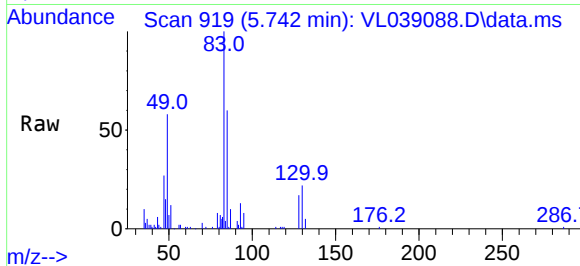
85 60.2 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022

Supervised By :Mahesh Dadoda 05/26/2022



#30

Cyclohexane

Concen: 0.411 ppbv m

RT: 7.118 min Scan# 1347

Delta R.T. -0.010 min

Lab File: VL039088.D

Acq: 23 May 2022 17:02

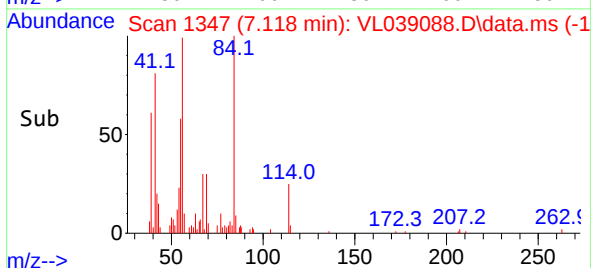
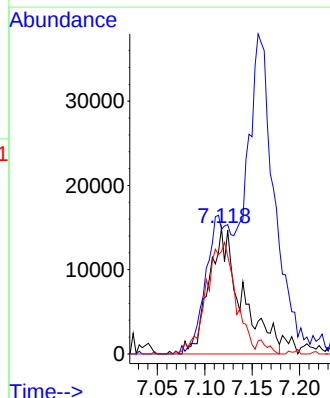
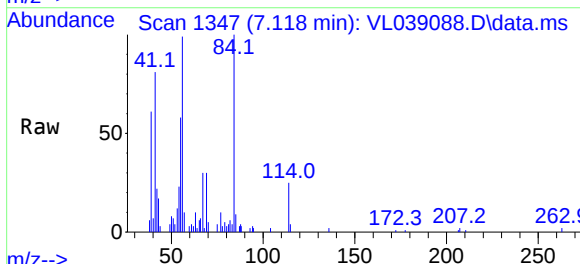
Tgt Ion: 84 Resp: 36075

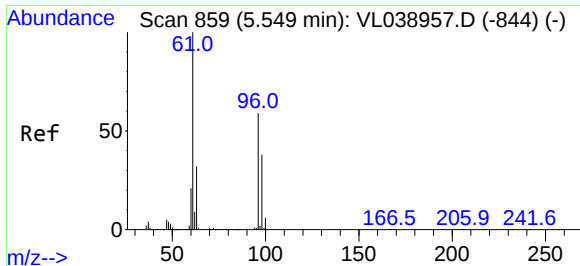
Ion Ratio Lower Upper

84 100

56 0.0 115.3 172.9#

41 0.0 72.0 108.0#





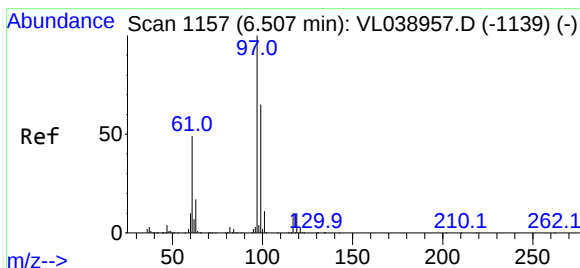
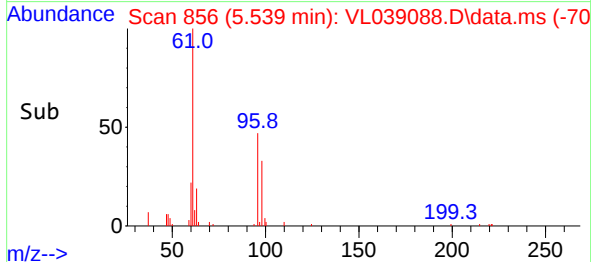
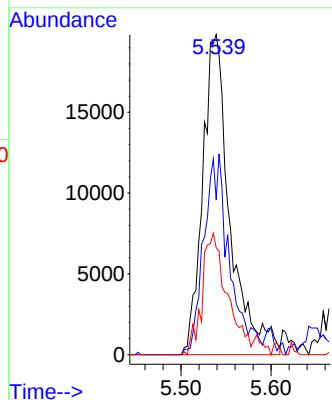
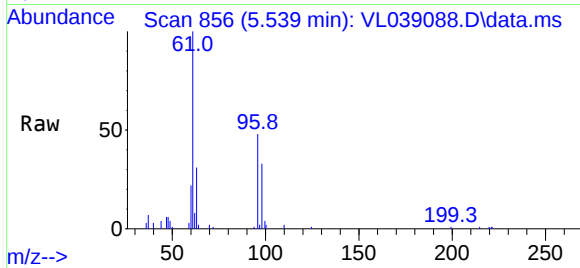
#31
cis-1,2-Dichloroethene
Concen: 0.391 ppbv m
RT: 5.539 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 61 Resp: 41768
Ion Ratio Lower Upper
61 100
96 48.5 47.4 71.0
98 33.5 30.6 45.8

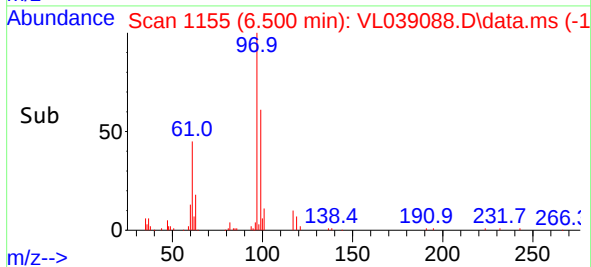
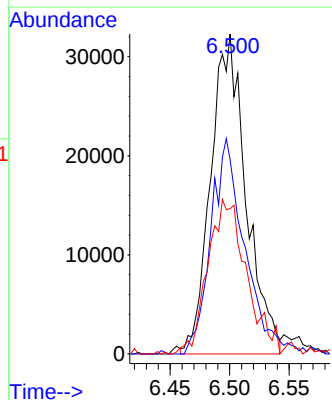
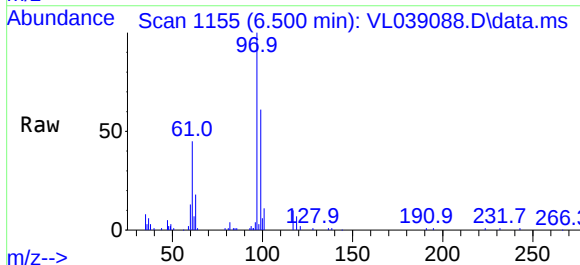
Manual Integrations
APPROVED

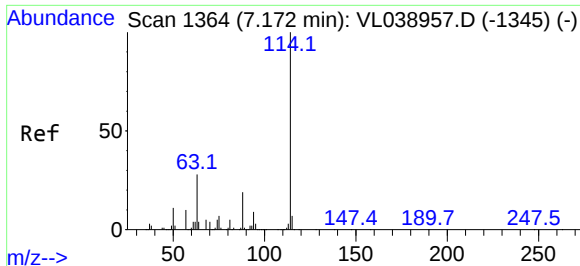
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#32
1,1,1-Trichloroethane
Concen: 0.392 ppbv m
RT: 6.500 min Scan# 1155
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

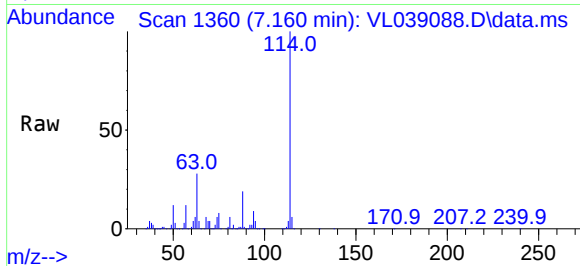
Tgt Ion: 97 Resp: 66525
Ion Ratio Lower Upper
97 100
99 0.0 51.9 77.9#
61 54.3 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

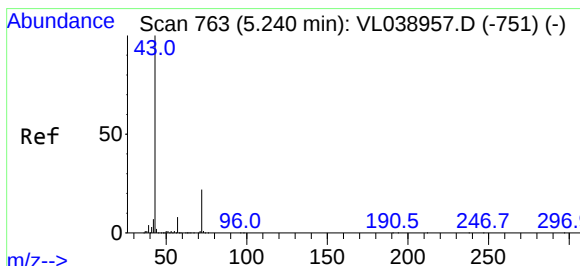
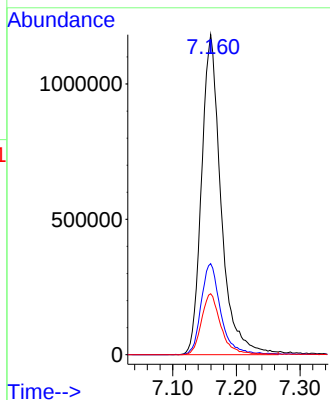
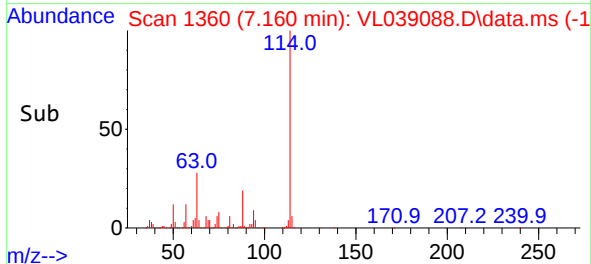
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



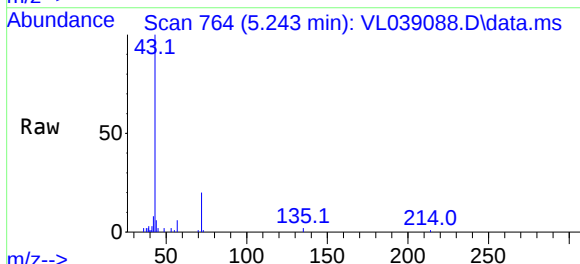
Tgt Ion:114 Resp: 251470
Ion Ratio Lower Upper
114 100
63 29.0 22.6 33.8
88 19.2 15.4 23.0

Manual Integrations
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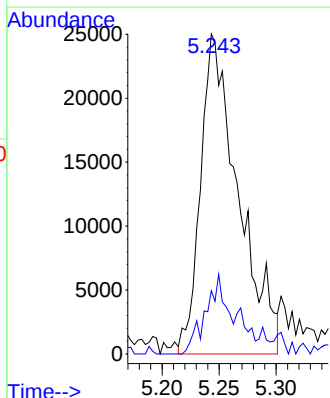
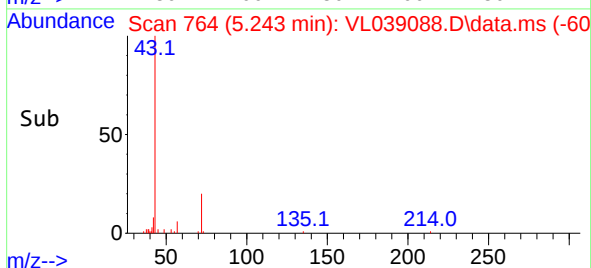
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

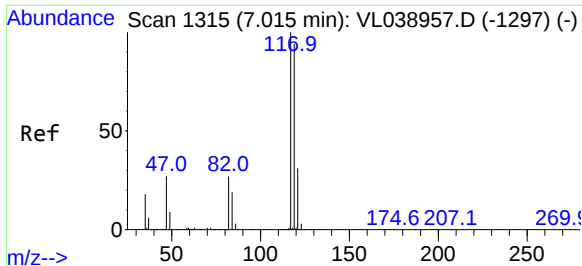


#34
2-Butanone
Concen: 0.448 ppbv m
RT: 5.243 min Scan# 764
Delta R.T. 0.003 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



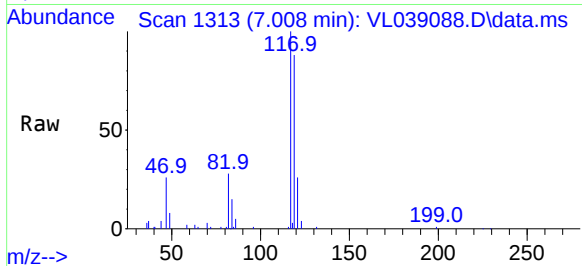
Tgt Ion: 43 Resp: 57481
Ion Ratio Lower Upper
43 100
72 22.9 17.8 26.6





#35
Carbon Tetrachloride
Concen: 0.414 ppbv m
RT: 7.008 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

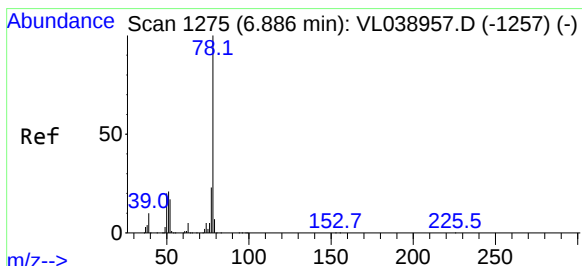
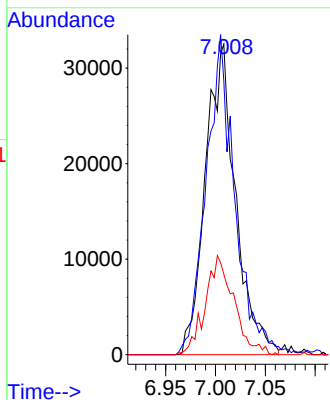
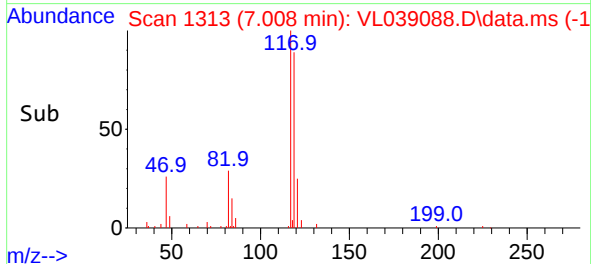
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



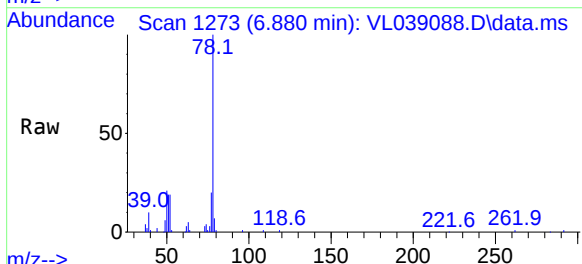
Tgt Ion: 117 Resp: 6859
Ion Ratio Lower Upper
117 100
119 88.4 75.2 112.8
121 26.0 24.6 37.0

Manual Integrations
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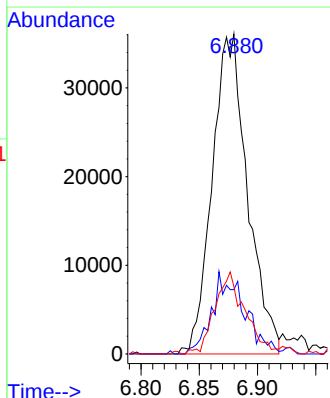
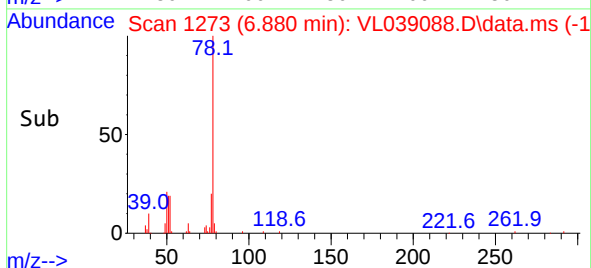
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

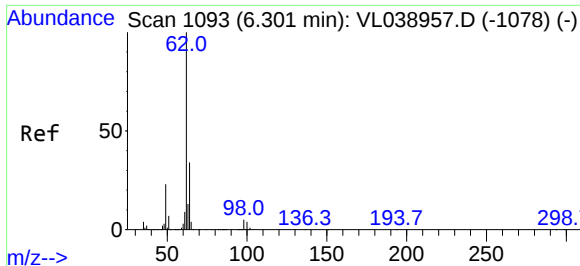


#36
Benzene
Concen: 0.354 ppbv m
RT: 6.880 min Scan# 1273
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



Tgt Ion: 78 Resp: 76095
Ion Ratio Lower Upper
78 100
77 20.1 18.6 28.0
50 21.1 15.6 23.4





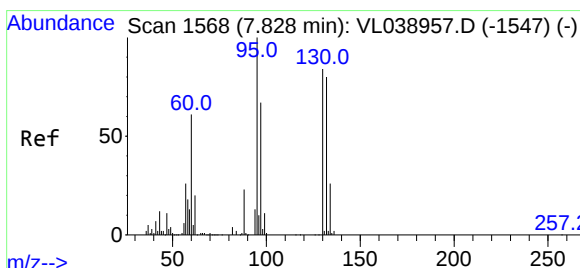
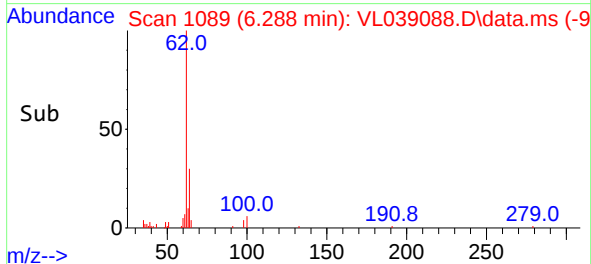
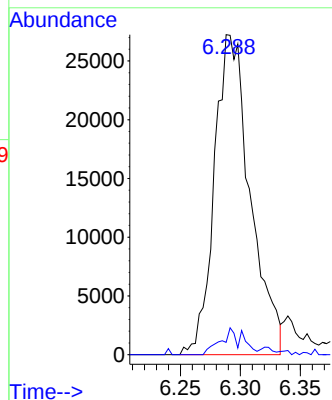
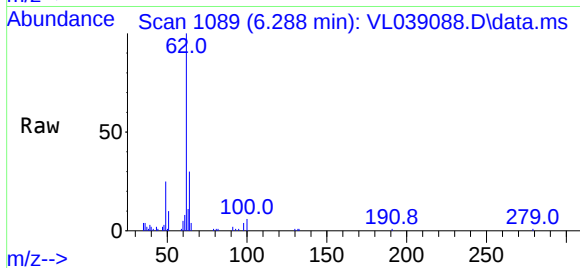
#37
1,2-Dichloroethane
Concen: 0.425 ppbv
RT: 6.288 min Scan# 1093
Delta R.T. -0.013 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 62 Resp: 5659
Ion Ratio Lower Upper
62 100
98 6.3 4.5 6.7

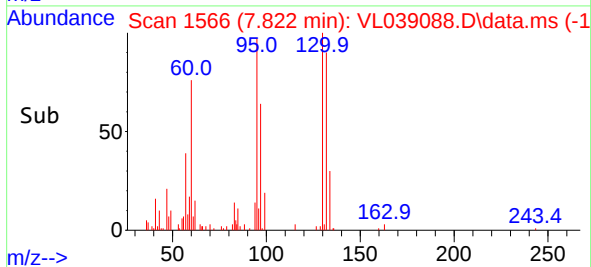
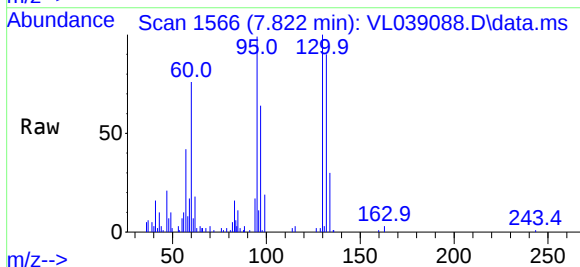
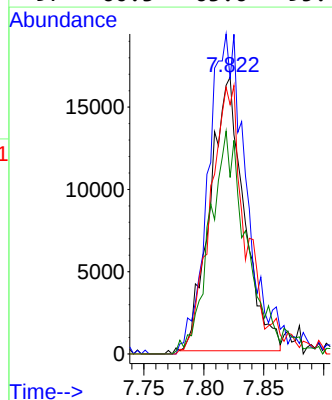
Manual Integrations
APPROVED

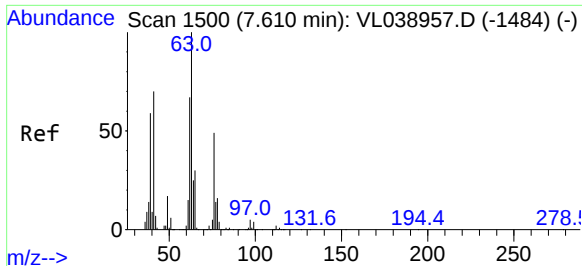
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#38
Trichloroethene
Concen: 0.343 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

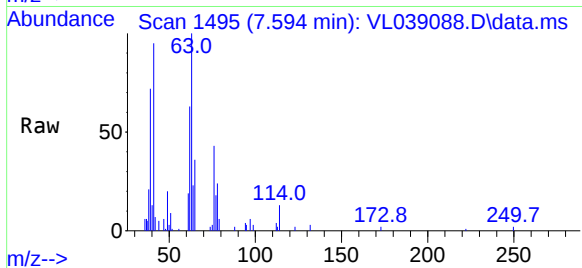
Tgt Ion:130 Resp: 32825
Ion Ratio Lower Upper
130 100
95 96.8 94.8 142.2
132 89.4 75.8 113.8
97 60.3 63.6 95.4#





#39
1,2-Dichloropropane
Concen: 0.378 ppbv m
RT: 7.594 min Scan# 1495
Delta R.T. -0.016 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

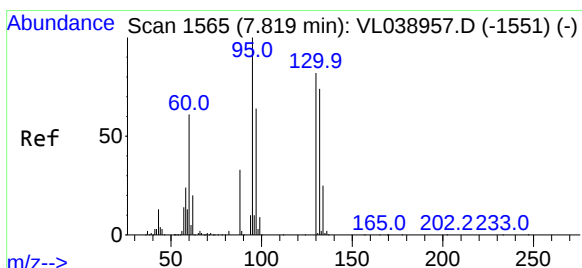
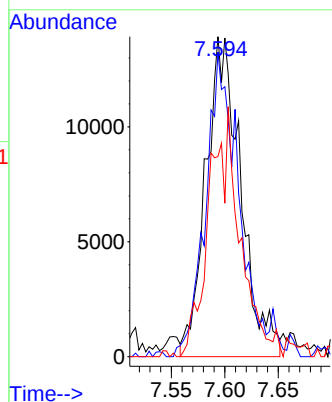
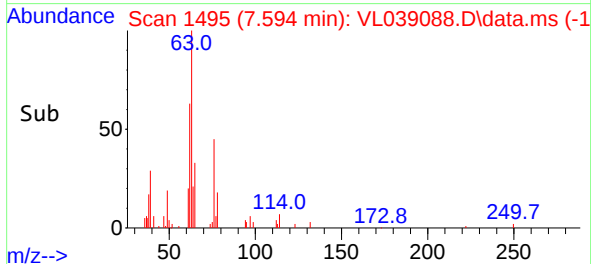
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



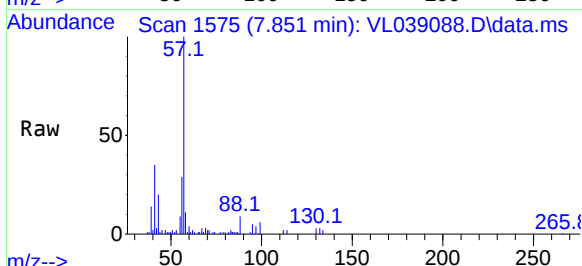
Tgt Ion: 63 Resp: 31650
Ion Ratio Lower Upper
63 100
41 95.2 55.9 83.9#
62 62.5 53.8 80.6#

Manual Integrations
APPROVED

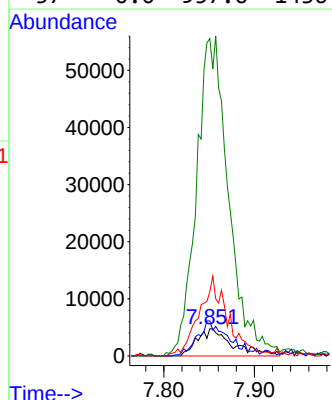
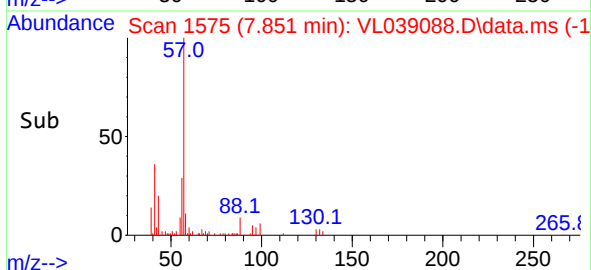
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

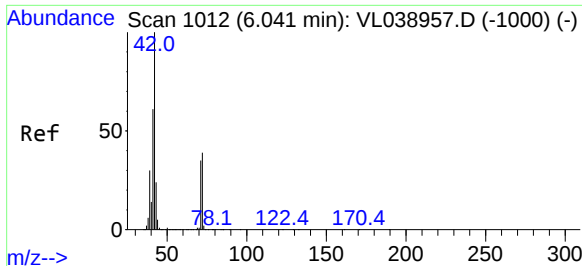


#40
1,4-Dioxane
Concen: 0.434 ppbv m
RT: 7.851 min Scan# 1575
Delta R.T. 0.032 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



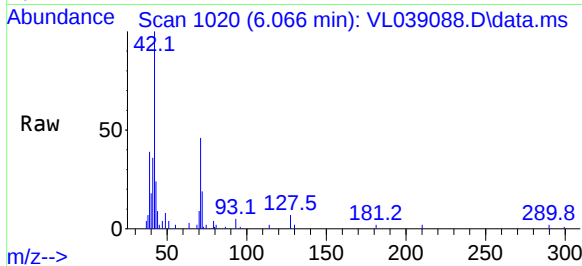
Tgt Ion: 88 Resp: 13043
Ion Ratio Lower Upper
88 100
58 0.0 106.1 159.1#
43 0.0 222.9 334.3#
57 0.0 957.6 1436.4#





#41
Tetrahydrofuran
Concen: 0.344 ppbv m
RT: 6.066 min Scan# 1012
Delta R.T. 0.026 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

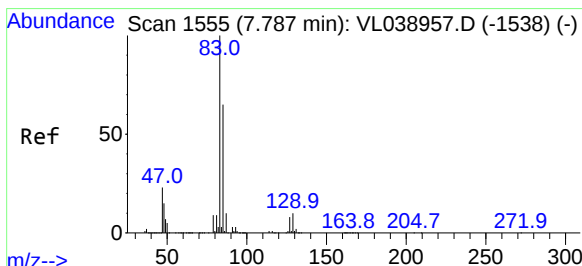
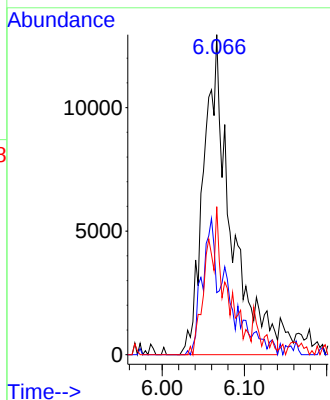
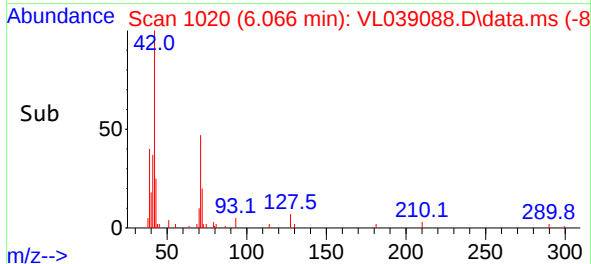
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



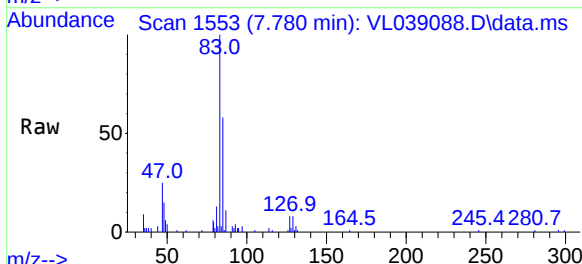
Tgt Ion: 42 Resp: 2965
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.6
71 0.0 30.6 45.8

Manual Integrations
APPROVED

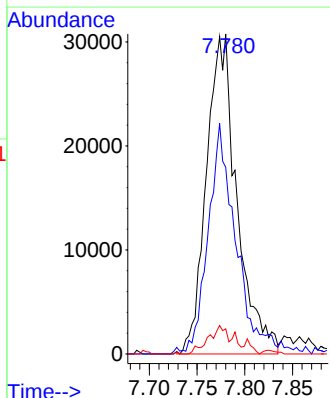
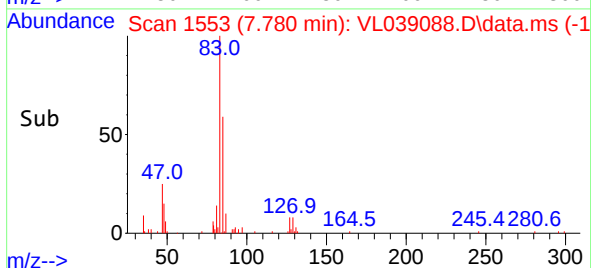
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

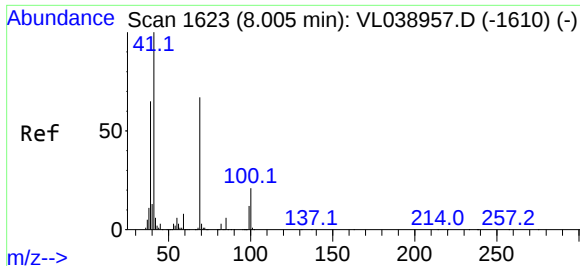


#42
Bromodichloromethane
Concen: 0.375 ppbv m
RT: 7.780 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



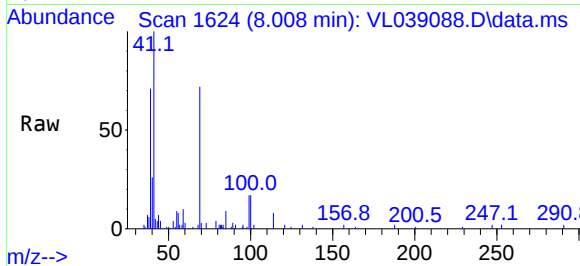
Tgt Ion: 83 Resp: 68188
Ion Ratio Lower Upper
83 100
85 58.3 52.0 78.0
127 7.9 6.0 9.0





#43
Methyl Methacrylate
Concen: 0.317 ppbv m
RT: 8.008 min Scan# 1623
Delta R.T. 0.003 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

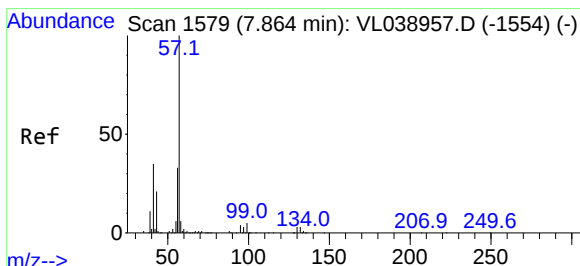
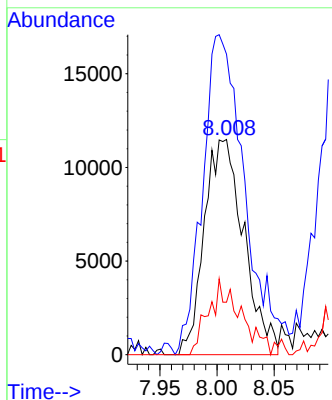
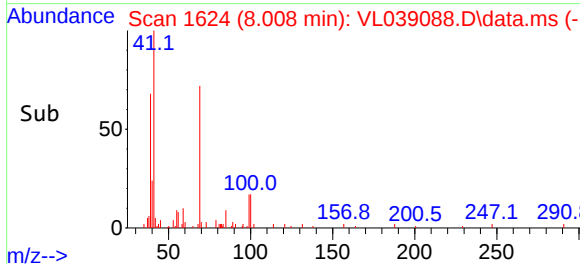
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



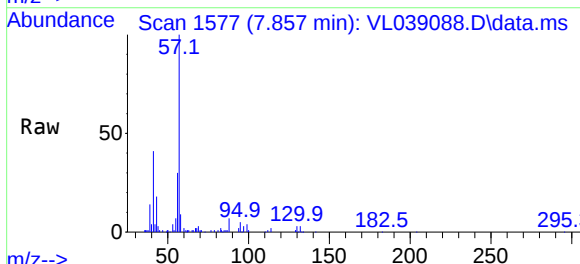
Tgt Ion: 69 Resp: 27709
Ion Ratio Lower Upper
69 100
41 157.1 121.9 182.9
100 30.8 24.6 36.8

Manual Integrations
APPROVED

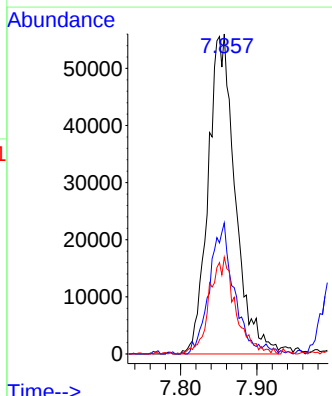
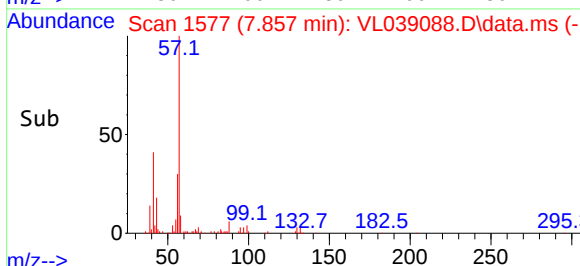
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

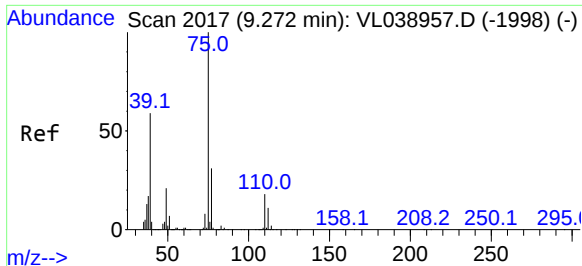


#44
2,2,4-Trimethylpentane
Concen: 0.366 ppbv m
RT: 7.857 min Scan# 1577
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



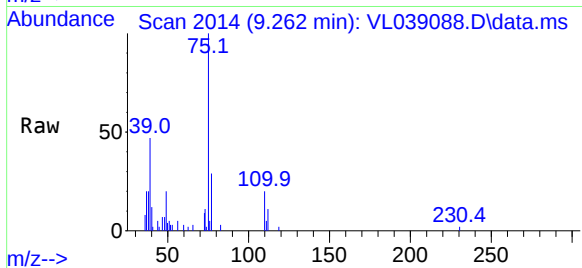
Tgt Ion: 57 Resp: 138120
Ion Ratio Lower Upper
57 100
41 0.0 26.3 39.5#
56 0.0 24.6 37.0#





#45
t-1,3-Dichloropropene
Concen: 0.284 ppbv m
RT: 9.262 min Scan# 2017
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

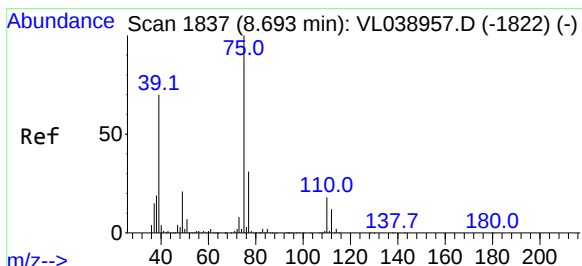
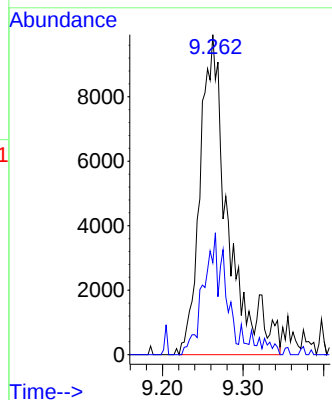
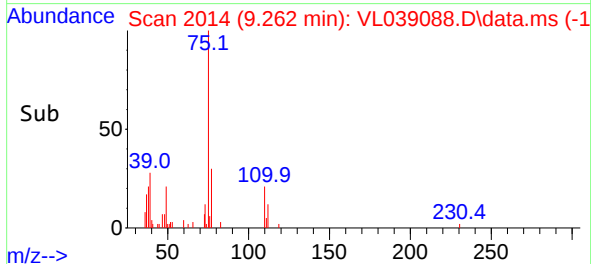
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 75 Resp: 2399
Ion Ratio Lower Upper
75 100
77 28.7 24.6 37.0

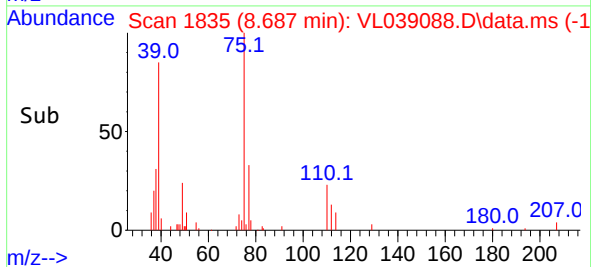
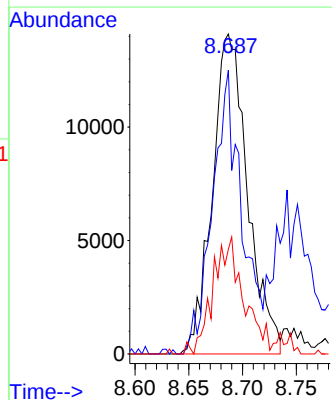
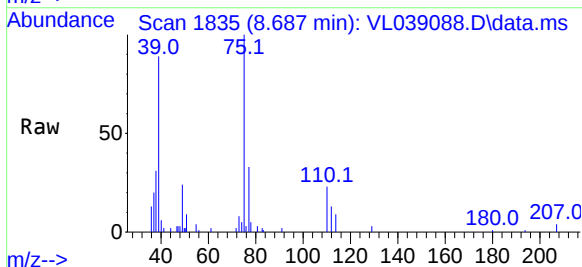
Manual Integrations
APPROVED

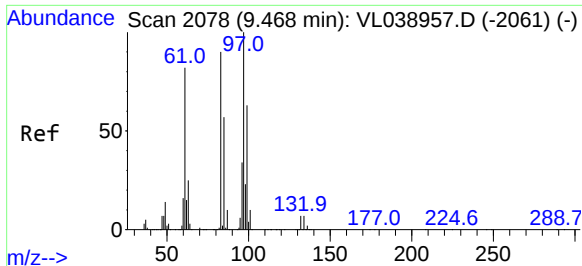
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#46
cis-1,3-Dichloropropene
Concen: 0.287 ppbv
RT: 8.687 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

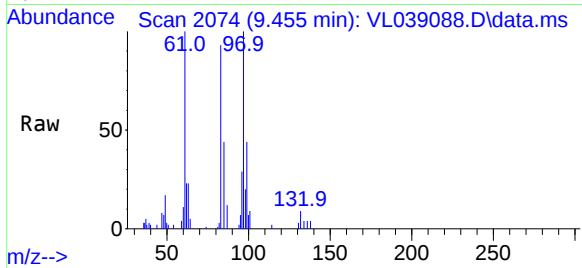
Tgt Ion: 75 Resp: 32187
Ion Ratio Lower Upper
75 100
39 88.6 55.8 83.6#
77 32.7 24.8 37.2





#47
1,1,2-Trichloroethane
Concen: 0.380 ppbv m
RT: 9.455 min Scan# 2078
Delta R.T. -0.013 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

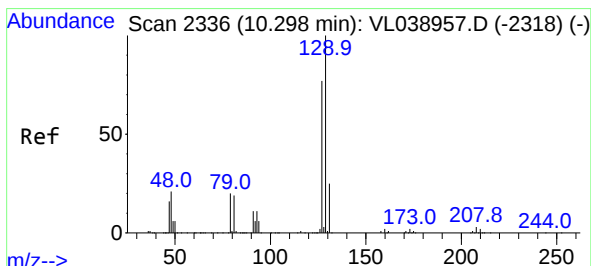
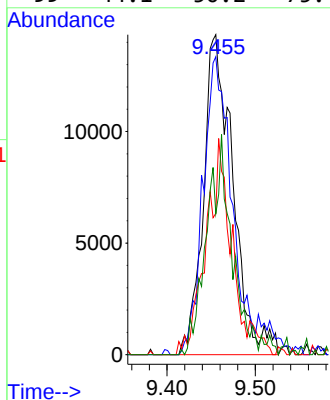
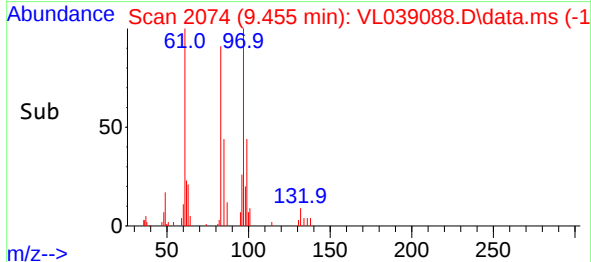
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 97 Resp: 3312
Ion Ratio Lower Upper
97 100
83 93.1 72.0 108.0
85 44.2 45.7 68.5
99 44.1 50.2 75.4#

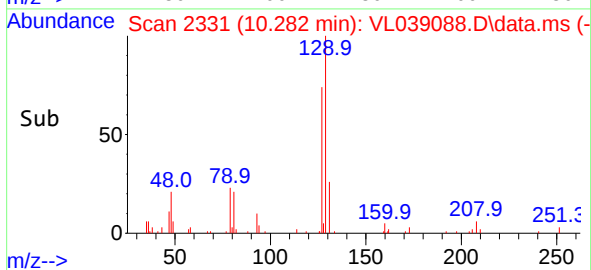
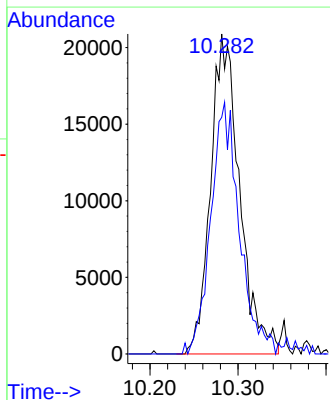
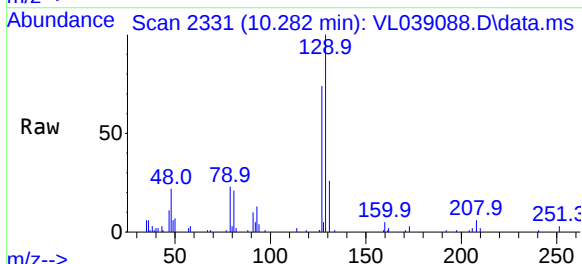
Manual Integrations
APPROVED

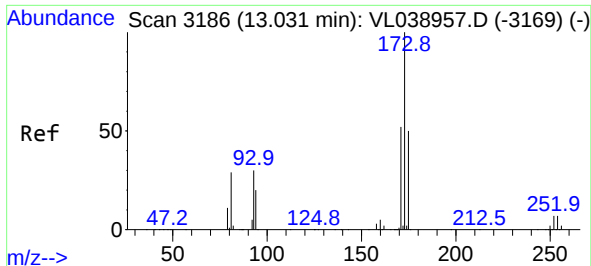
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#48
Dibromochloromethane
Concen: 0.336 ppbv m
RT: 10.282 min Scan# 2331
Delta R.T. -0.016 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

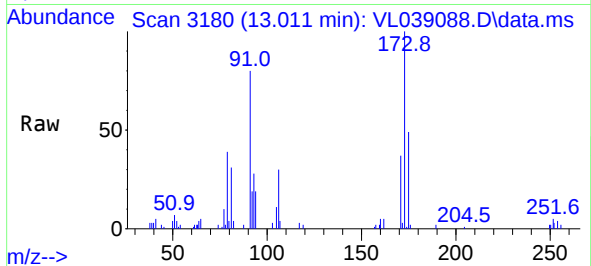
Tgt Ion:129 Resp: 47691
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.9#





#49
Bromoform
Concen: 0.298 ppbv m
RT: 13.011 min Scan# 3186
Delta R.T. -0.019 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

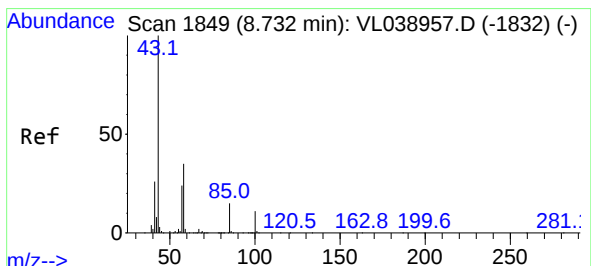
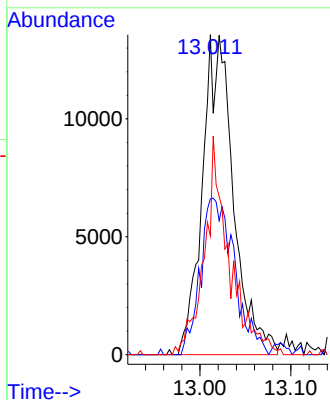
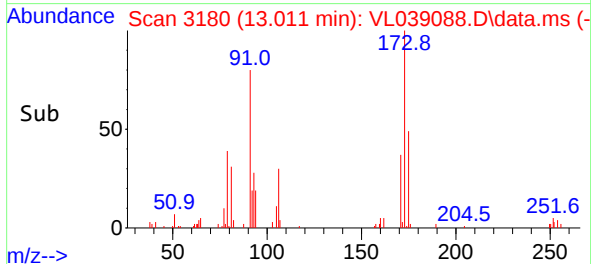
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 173 Resp: 3220
Ion Ratio Lower Upper
173 100
175 55.5 41.0 61.6
171 54.0 42.6 64.0

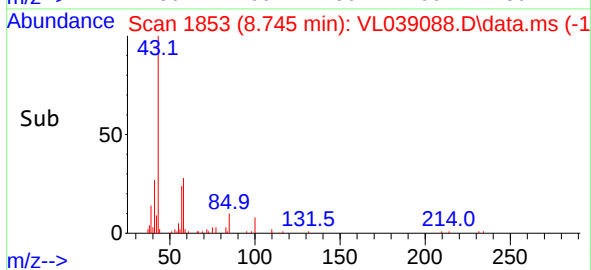
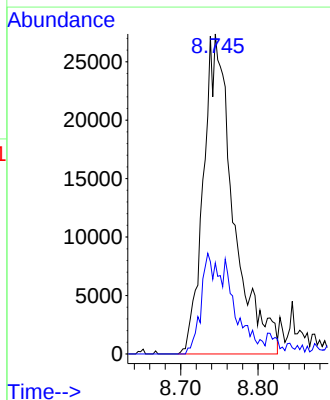
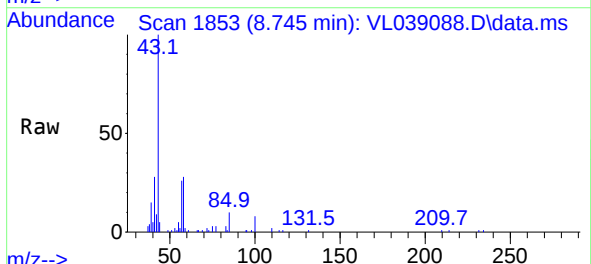
Manual Integrations
APPROVED

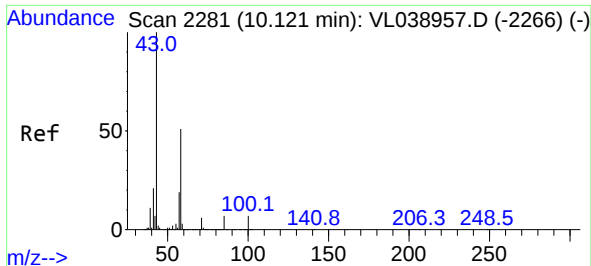
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#50
4-Methyl-2-Pentanone
Concen: 0.329 ppbv m
RT: 8.745 min Scan# 1853
Delta R.T. 0.013 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

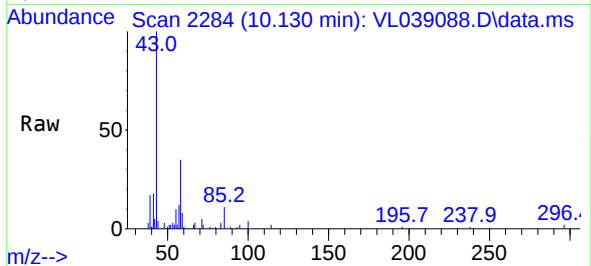
Tgt Ion: 43 Resp: 73929
Ion Ratio Lower Upper
43 100
58 31.9 28.4 42.6





#51
2-Hexanone
Concen: 0.308 ppbv m
RT: 10.130 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

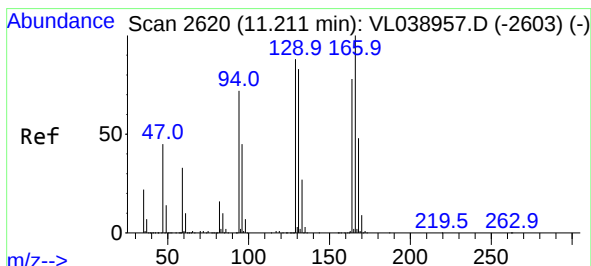
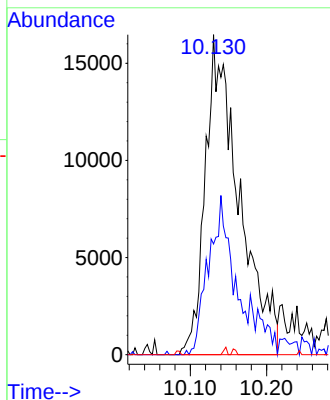
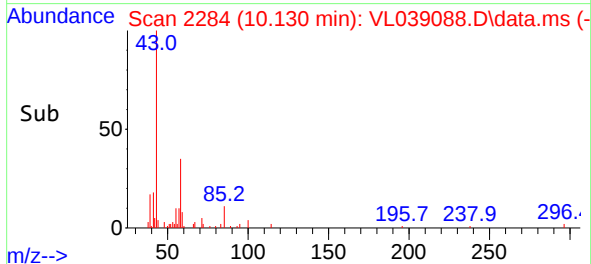
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



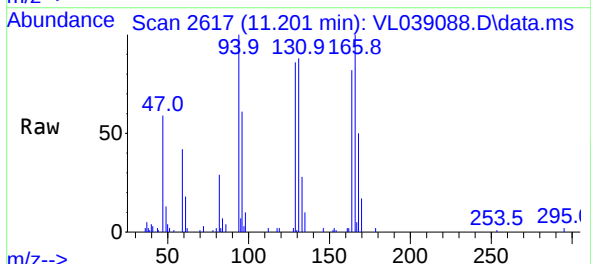
Tgt Ion: 43 Resp: 50530
Ion Ratio Lower Upper
43 100
58 0.0 39.3 58.9
98 0.1 0.2 0.2

Manual Integrations
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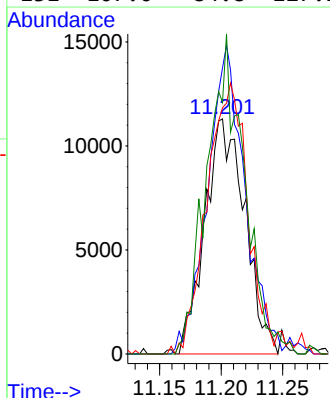
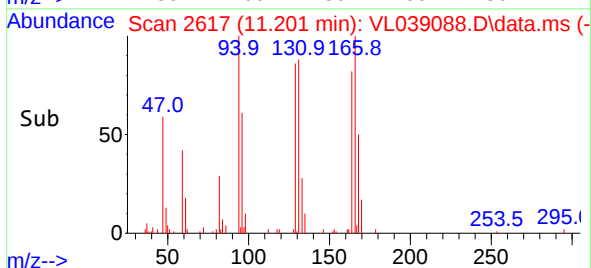
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

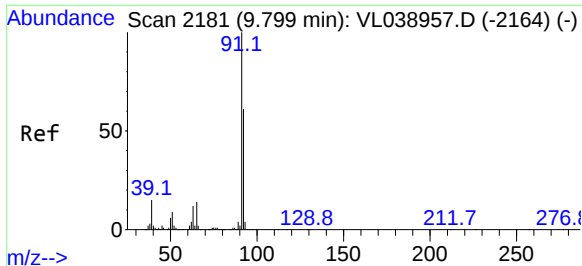


#52
Tetrachloroethene
Concen: 0.333 ppbv m
RT: 11.201 min Scan# 2617
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



Tgt Ion:164 Resp: 25631
Ion Ratio Lower Upper
164 100
166 121.7 102.5 153.7
129 104.8 90.1 135.1
131 107.0 84.8 127.2





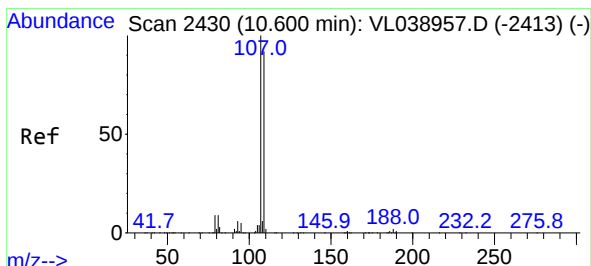
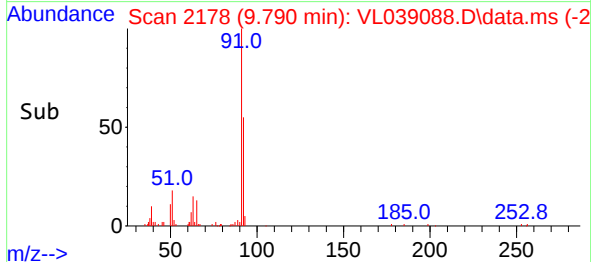
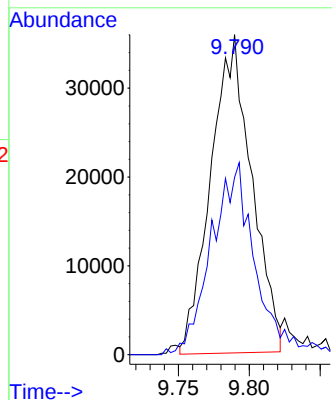
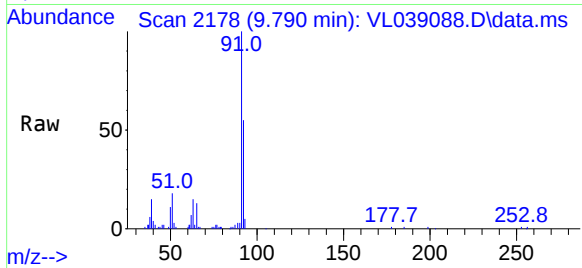
#53
Toluene
Concen: 0.298 ppbv
RT: 9.790 min Scan# 2181
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 91 Resp: 7199
Ion Ratio Lower Upper
91 100
92 65.7 48.2 72.2

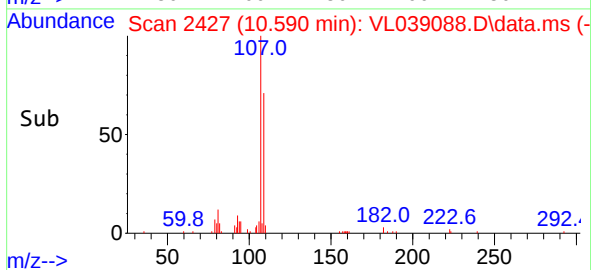
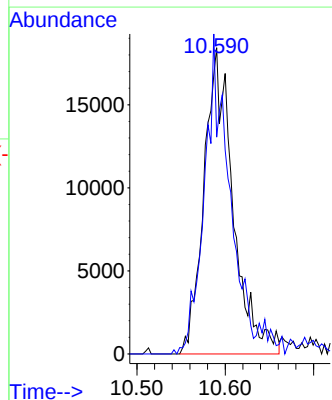
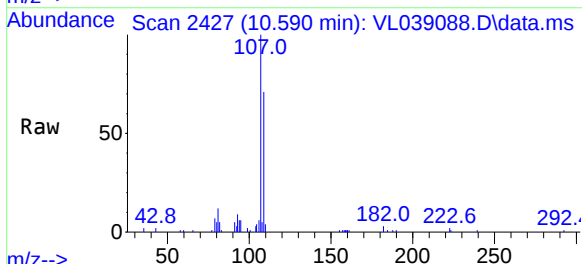
Manual Integrations
APPROVED

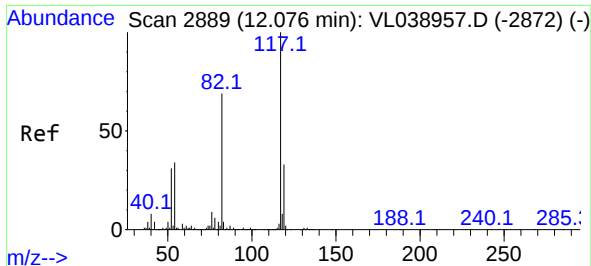
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#54
1,2-Dibromoethane
Concen: 0.355 ppbv m
RT: 10.590 min Scan# 2427
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

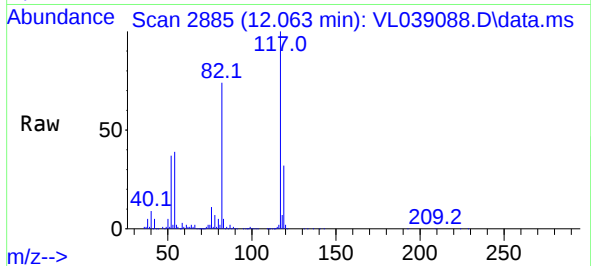
Tgt Ion:107 Resp: 42126
Ion Ratio Lower Upper
107 100
109 70.8 73.8 110.8#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.063 min Scan# 2885
Delta R.T. -0.013 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

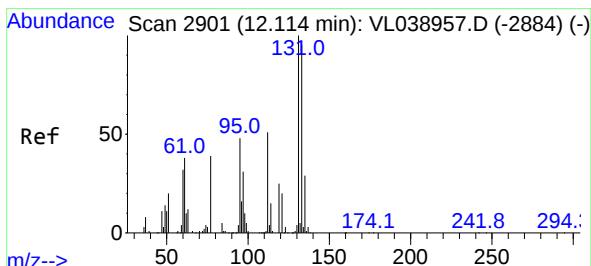
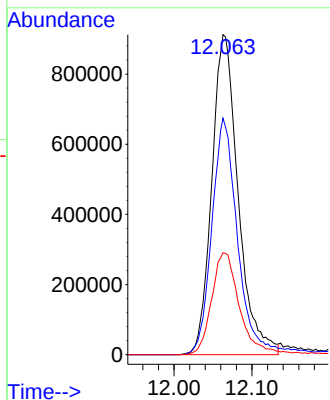
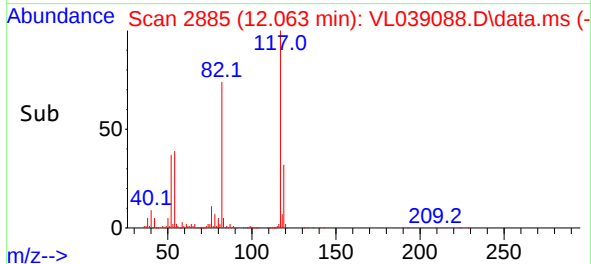
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



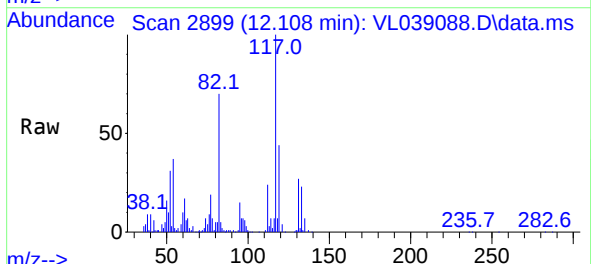
Tgt Ion:117 Resp: 2145919
Ion Ratio Lower Upper
117 100
82 74.9 57.0 85.6
119 33.9 27.2 40.8

Manual Integrations
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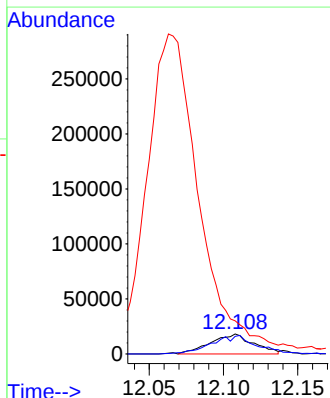
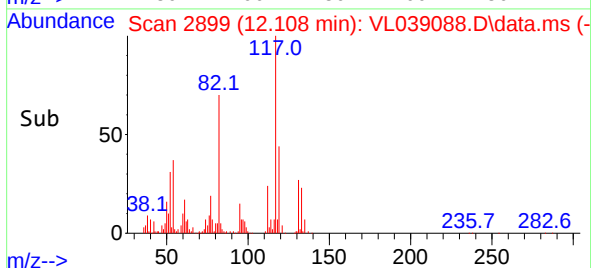
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

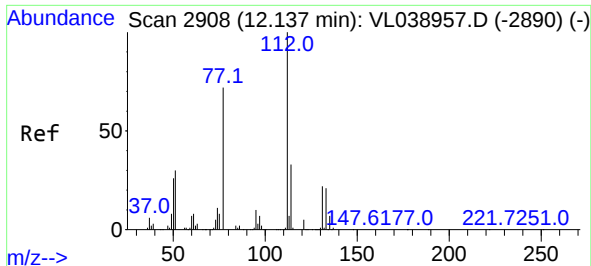


#56
1,1,1,2-Tetrachloroethane
Concen: 0.388 ppbv
RT: 12.108 min Scan# 2899
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



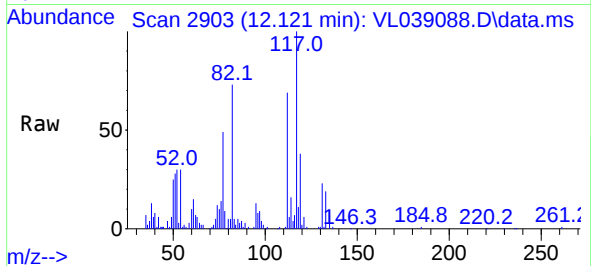
Tgt Ion:131 Resp: 36498
Ion Ratio Lower Upper
131 100
133 100.6 76.9 115.3
119 0.0 47.4 71.0#





#57
Chlorobenzene
Concen: 0.422 ppbv m
RT: 12.121 min Scan# 2903
Delta R.T. -0.016 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

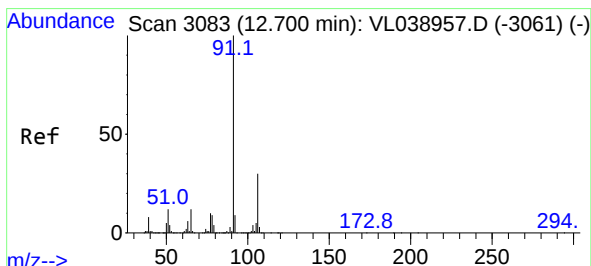
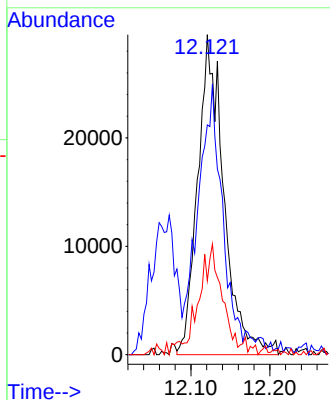
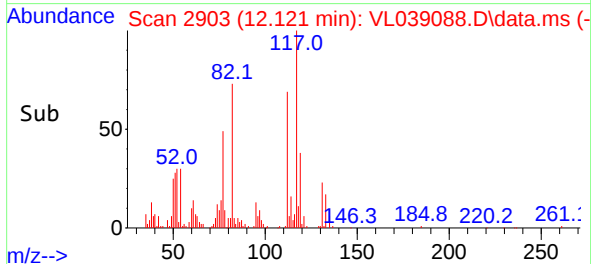
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



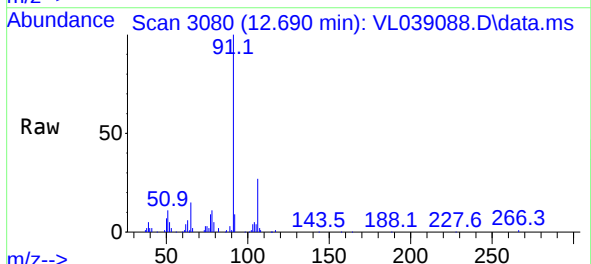
Tgt Ion:112 Resp: 67889
Ion Ratio Lower Upper
112 100
77 71.8 57.7 86.5
114 23.1 30.1 36.7

Manual Integrations
APPROVED

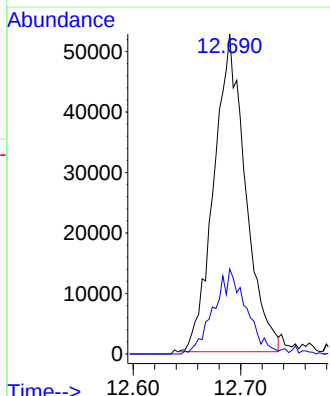
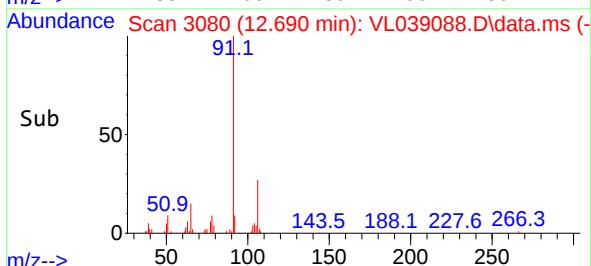
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

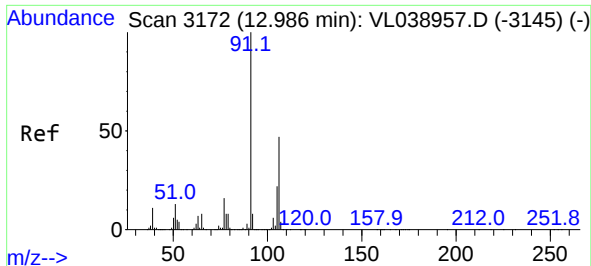


#58
Ethyl Benzene
Concen: 0.347 ppbv
RT: 12.690 min Scan# 3080
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



Tgt Ion: 91 Resp: 107247
Ion Ratio Lower Upper
91 100
106 26.7 24.2 36.4





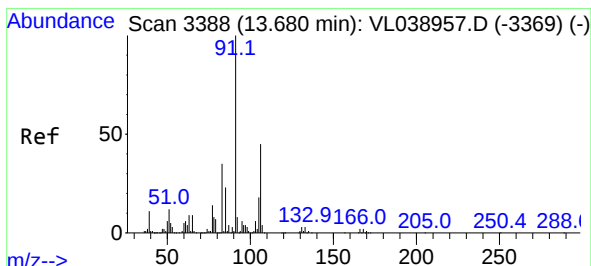
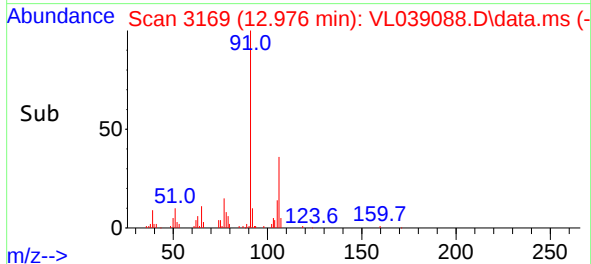
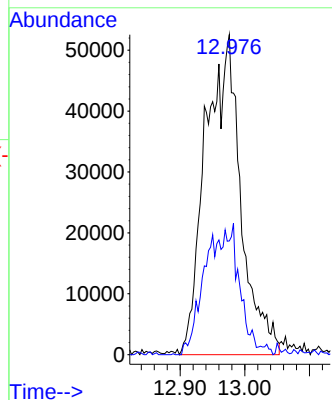
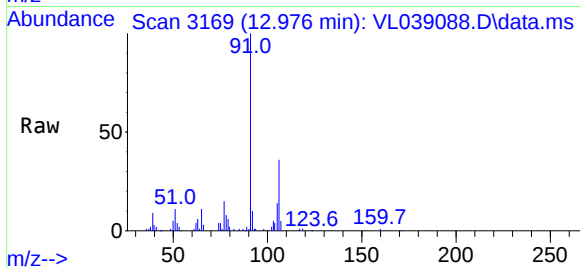
#59
m/p-Xylene
Concen: 0.757 ppbv m
RT: 12.976 min Scan# 3172
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 91 Resp: 199674
Ion Ratio Lower Upper
91 100
106 40.1 34.6 52.0

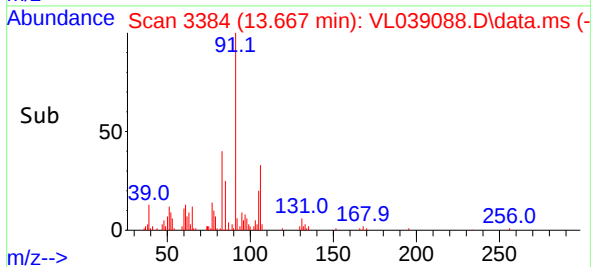
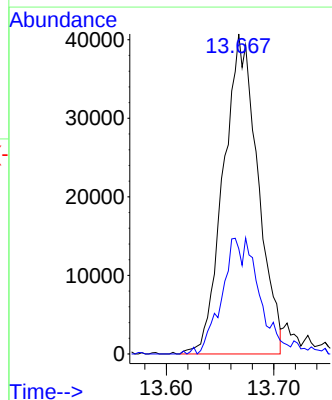
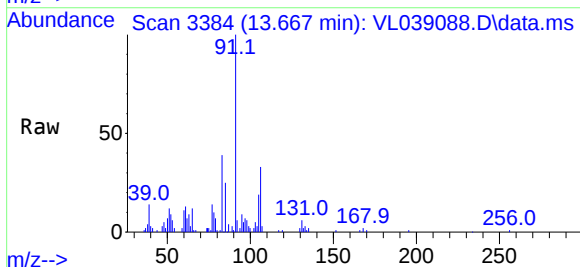
Manual Integrations
APPROVED

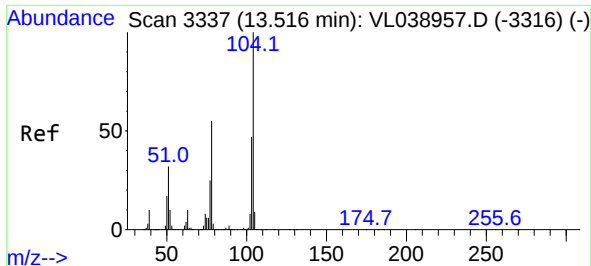
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#60
o-Xylene
Concen: 0.365 ppbv
RT: 13.667 min Scan# 3384
Delta R.T. -0.013 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 91 Resp: 90580
Ion Ratio Lower Upper
91 100
106 40.4 22.2 66.6





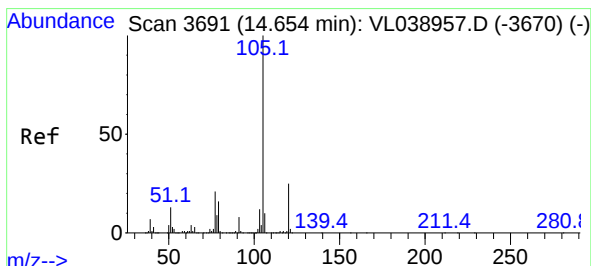
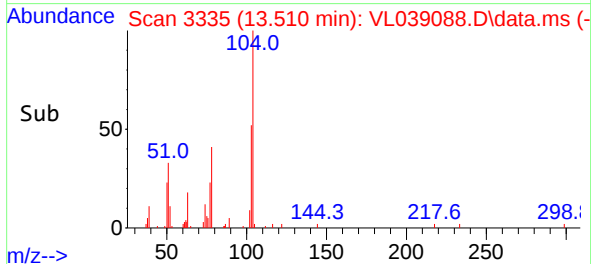
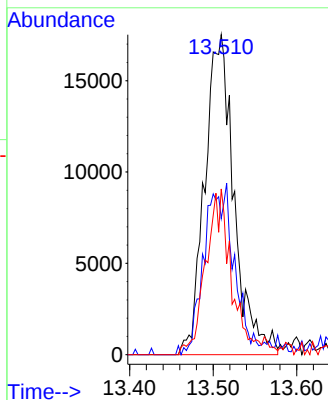
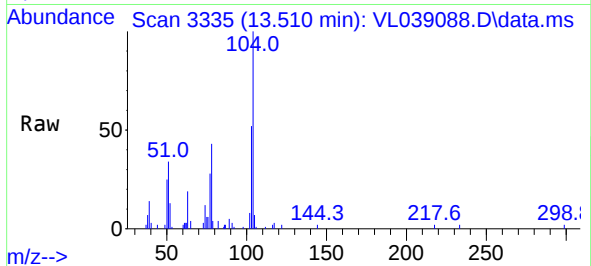
#61
Styrene
Concen: 0.323 ppbv m
RT: 13.510 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:104 Resp: 4279
Ion Ratio Lower Upper
104 100
78 0.0 46.4 69.6
103 0.0 39.3 58.9

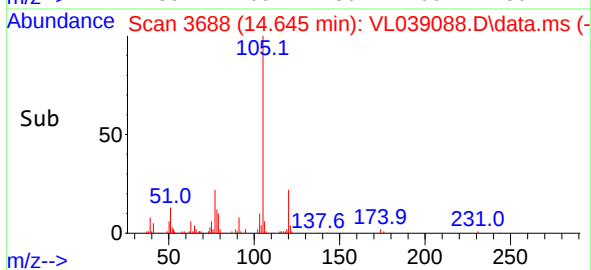
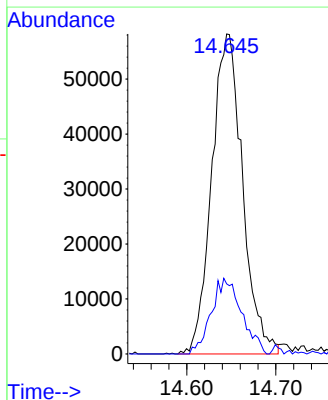
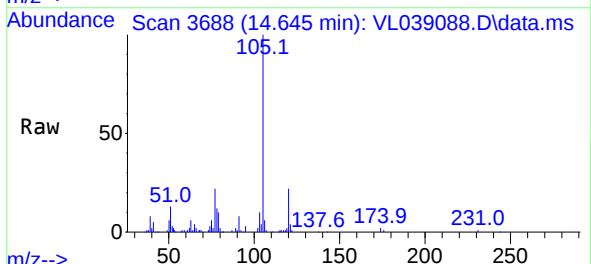
Manual Integrations
APPROVED

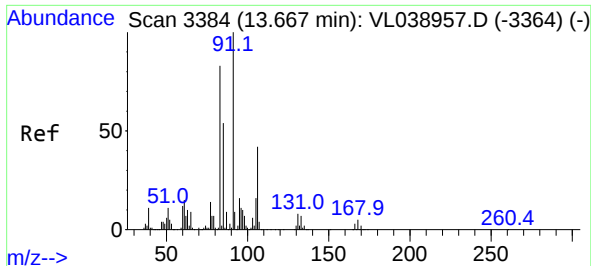
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#62
Isopropylbenzene
Concen: 0.385 ppbv
RT: 14.645 min Scan# 3688
Delta R.T. -0.009 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

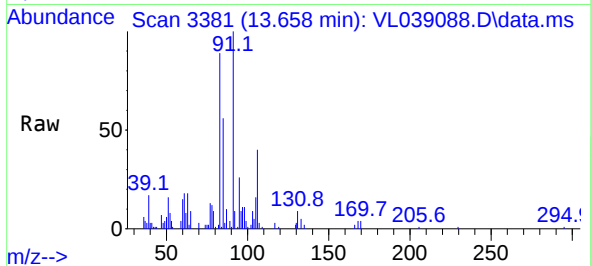
Tgt Ion:105 Resp: 139743
Ion Ratio Lower Upper
105 100
120 24.1 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 0.393 ppbv m
RT: 13.658 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

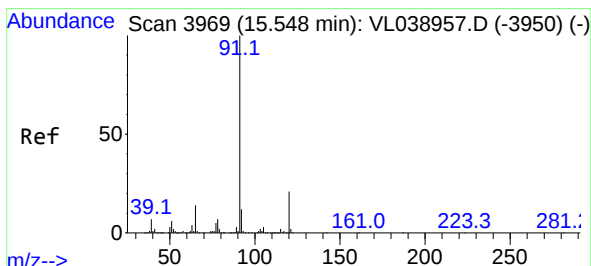
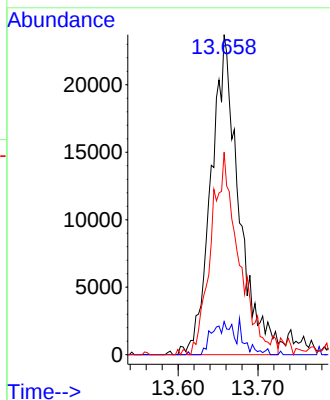
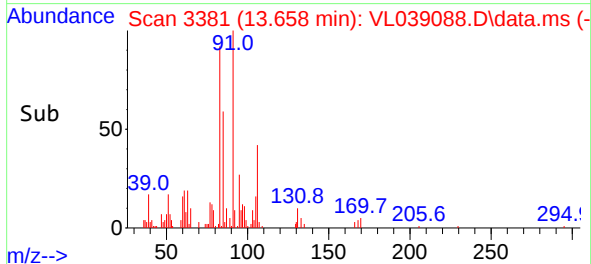
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



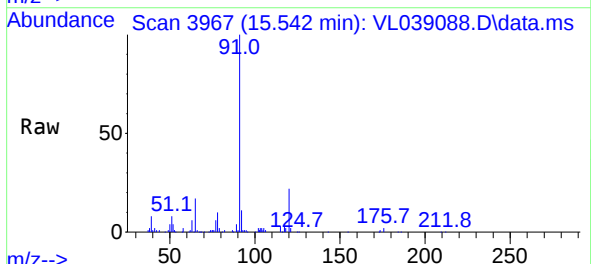
Tgt Ion: 83 Resp: 5735
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.7
85 0.0 32.8 98.3

Manual Integrations
APPROVED

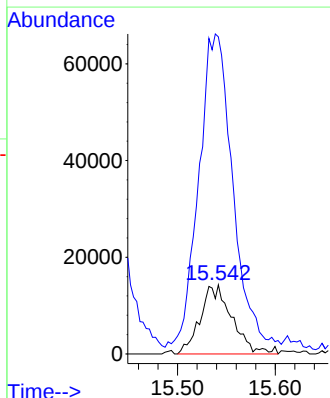
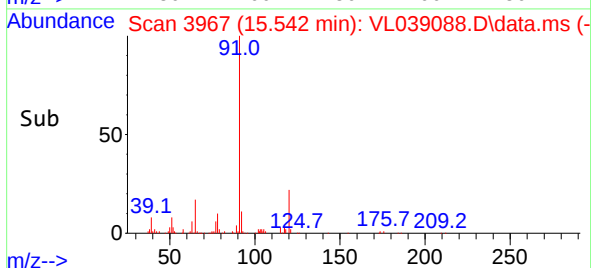
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

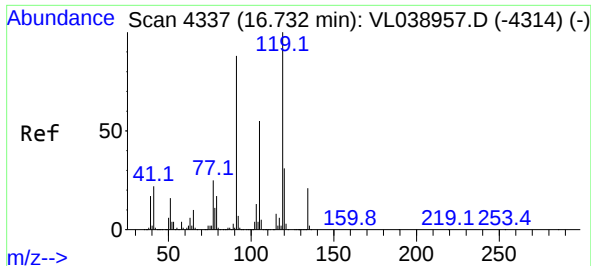


#64
n-propylbenzene
Concen: 0.368 ppbv m
RT: 15.542 min Scan# 3967
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



Tgt Ion:120 Resp: 32274
Ion Ratio Lower Upper
120 100
91 528.8 400.6 601.0





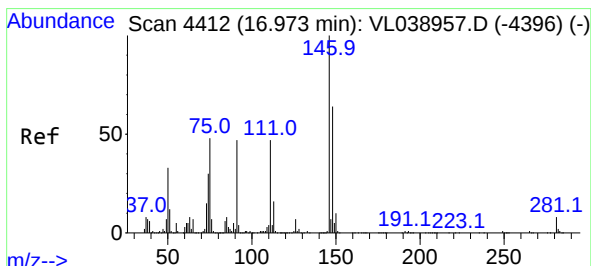
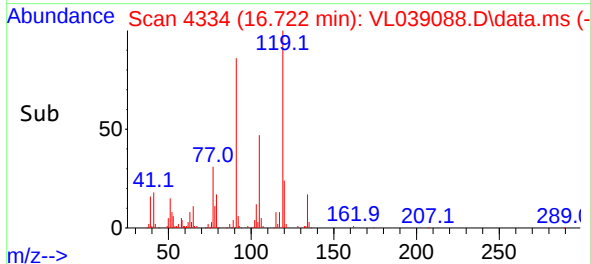
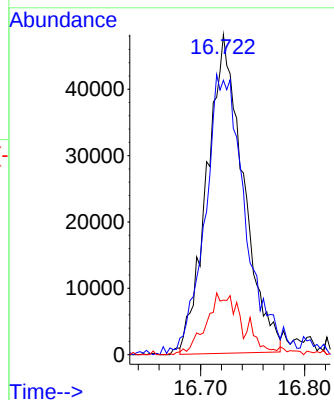
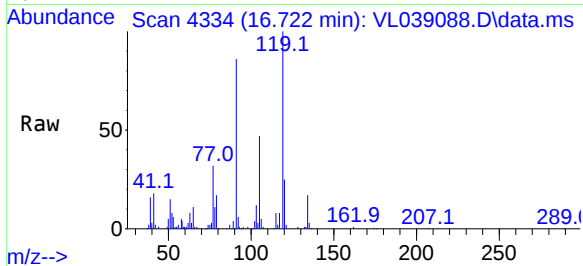
#65
tert-Butylbenzene
Concen: 0.367 ppbv
RT: 16.722 min Scan# 411
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 119 Resp: 116779
Ion Ratio Lower Upper
119 100
91 96.5 69.4 104.2
134 19.8 15.8 23.8

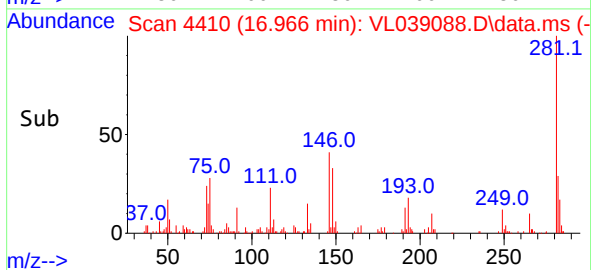
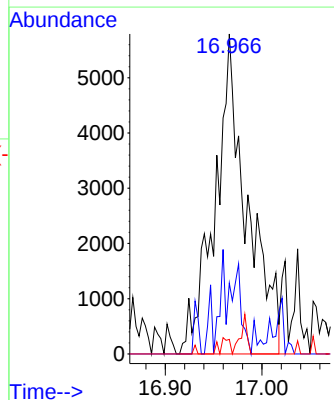
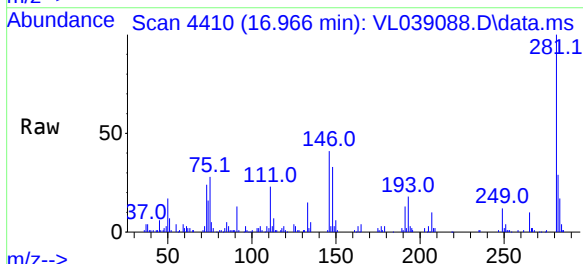
Manual Integrations
APPROVED

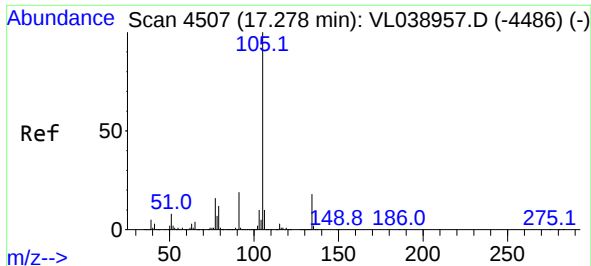
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#66
Benzyl Chloride
Concen: 0.323 ppbv m
RT: 16.966 min Scan# 4410
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

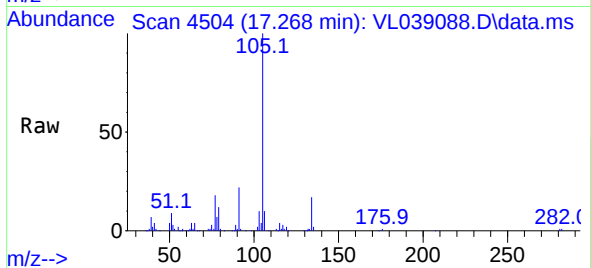
Tgt Ion: 91 Resp: 13434
Ion Ratio Lower Upper
91 100
126 26.4 11.8 17.6#
128 0.0 4.2 6.2#





#67
 sec-Butylbenzene
 Concen: 0.363 ppbv m
 RT: 17.268 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL039088.D
 Acq: 23 May 2022 17:02

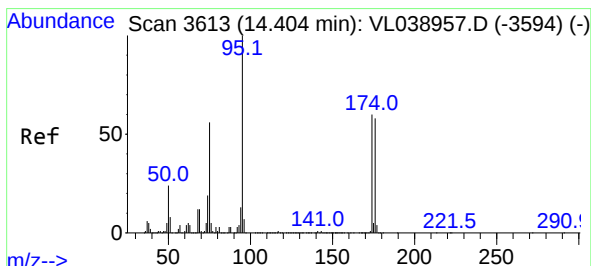
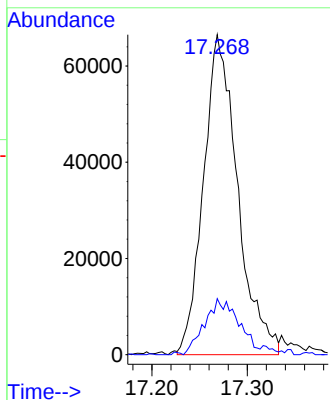
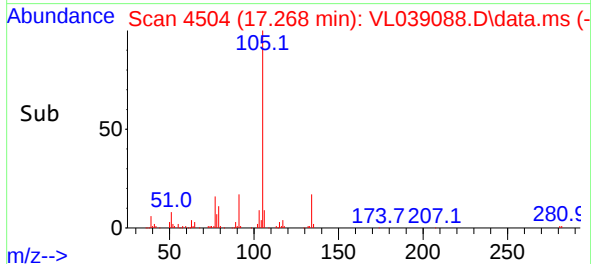
Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL



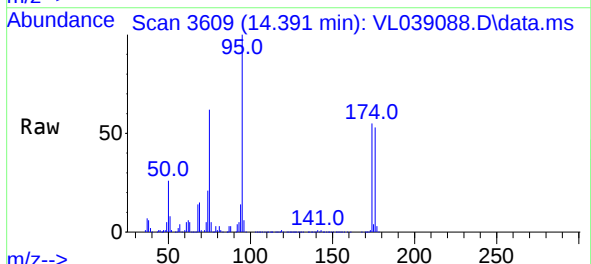
Tgt Ion: 105 Resp: 165030
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.2 21.4

Manual Integrations
 APPROVED

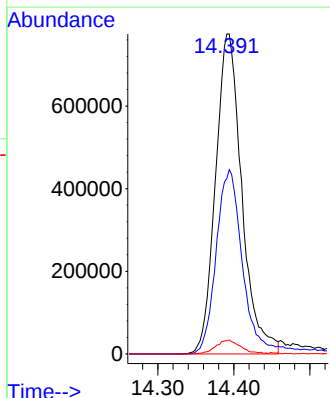
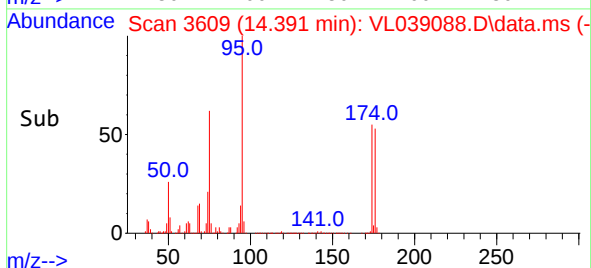
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

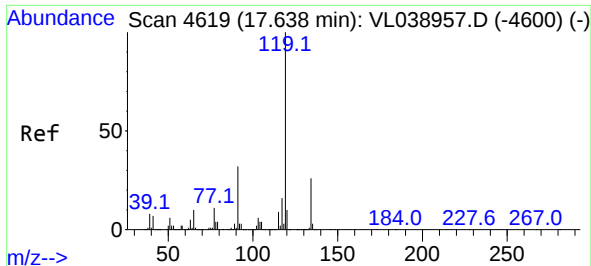


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.947 ppbv
 RT: 14.391 min Scan# 3609
 Delta R.T. -0.013 min
 Lab File: VL039088.D
 Acq: 23 May 2022 17:02



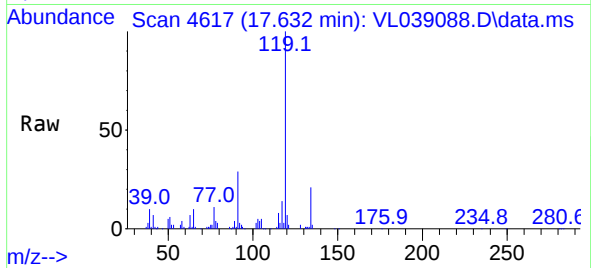
Tgt Ion: 95 Resp: 1860323
 Ion Ratio Lower Upper
 95 100
 174 60.8 50.8 76.2
 175 4.1 3.8 5.6





#69
p-Isopropyltoluene
Concen: 0.358 ppbv m
RT: 17.632 min Scan# 4619
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

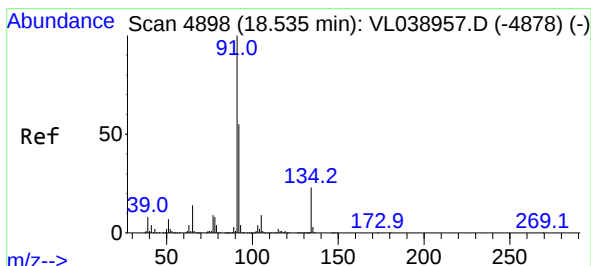
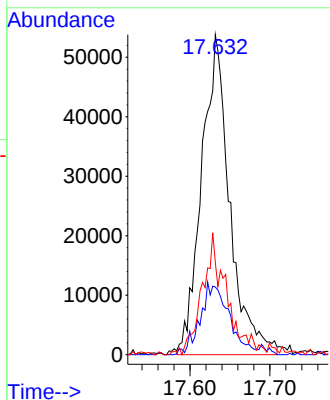
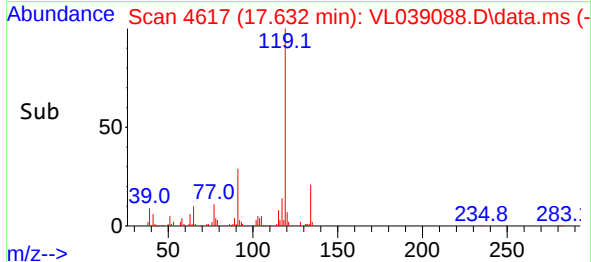
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



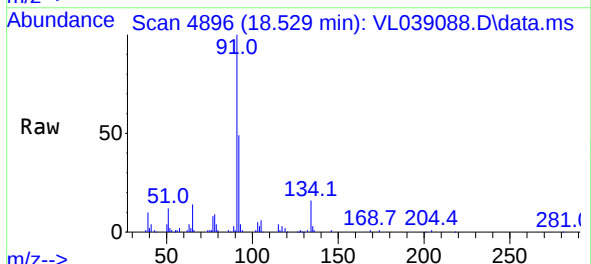
Tgt Ion: 119 Resp: 131415
Ion Ratio Lower Upper
119 100
134 23.8 20.0 30.0
91 35.2 24.8 37.2

Manual Integrations
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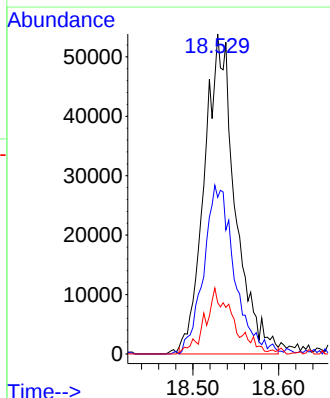
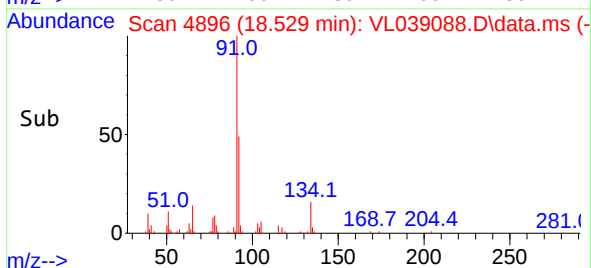
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

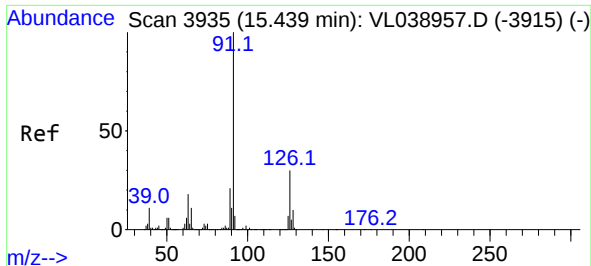


#70
n-Butylbenzene
Concen: 0.344 ppbv m
RT: 18.529 min Scan# 4896
Delta R.T. -0.006 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



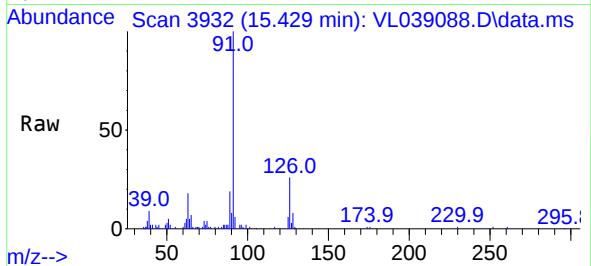
Tgt Ion: 91 Resp: 134098
Ion Ratio Lower Upper
91 100
92 0.0 43.1 64.7#
134 0.0 17.0 25.4#





#71
2-Chlorotoluene
Concen: 0.381 ppbv m
RT: 15.429 min Scan# 3935
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

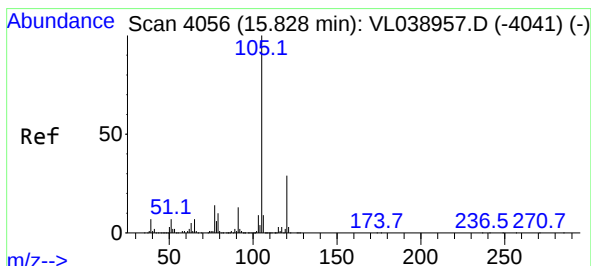
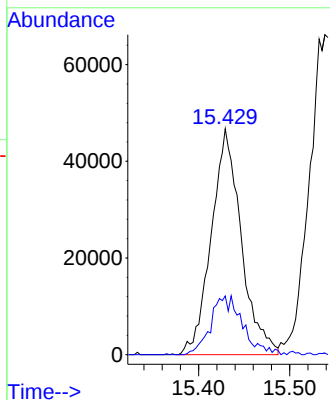
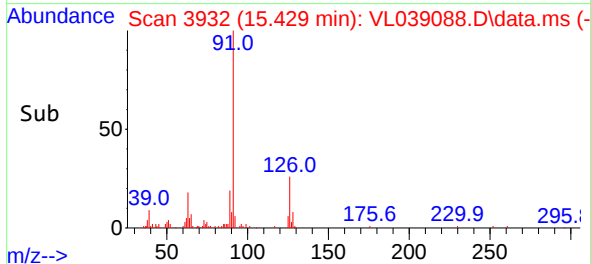
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



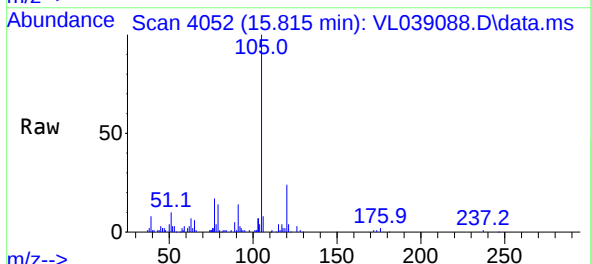
Tgt Ion: 91 Resp: 10650
Ion Ratio Lower Upper
91 100
126 28.4 11.9 47.5

Manual Integrations
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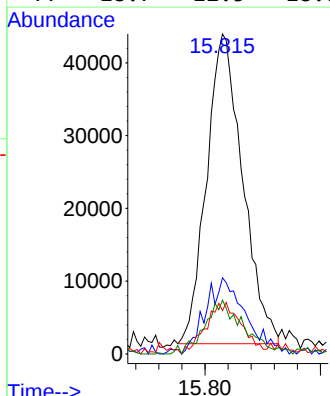
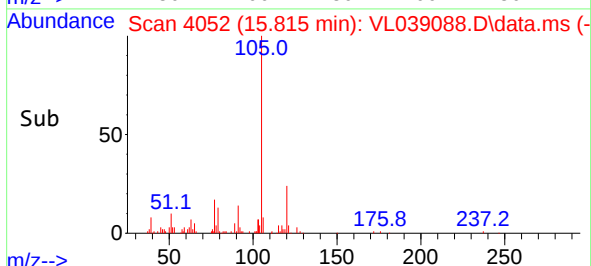
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

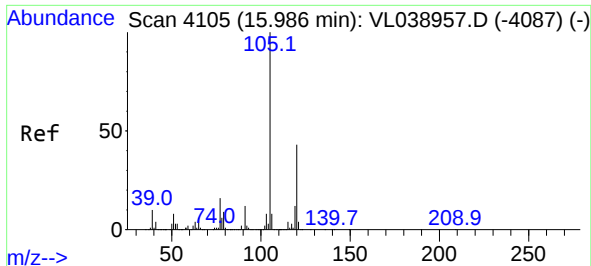


#72
4-Ethyltoluene
Concen: 0.326 ppbv
RT: 15.815 min Scan# 4052
Delta R.T. -0.013 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



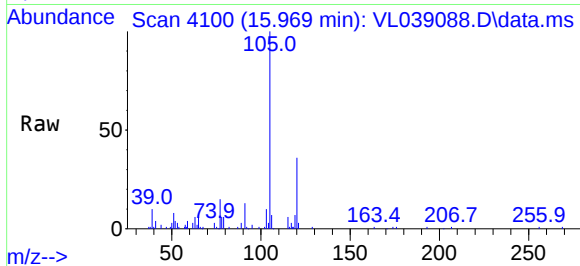
Tgt Ion:105 Resp: 92191
Ion Ratio Lower Upper
105 100
120 27.5 23.4 35.0
91 18.3 10.6 16.0#
77 18.7 12.5 18.7





#73
1,3,5-Trimethylbenzene
Concen: 0.367 ppbv
RT: 15.969 min Scan# 4105
Delta R.T. -0.016 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

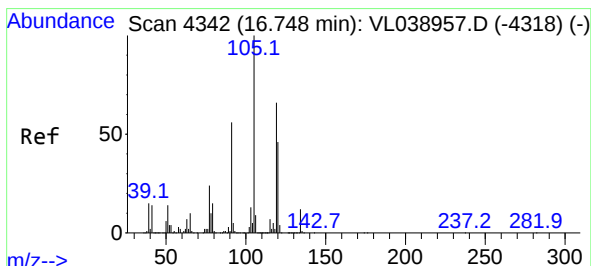
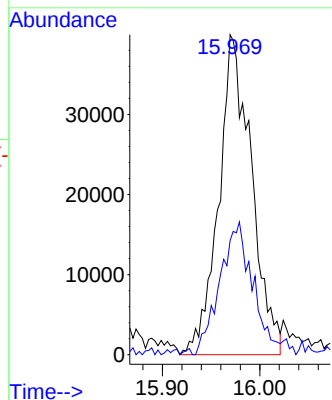
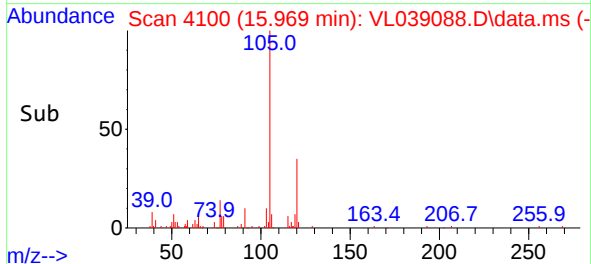
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



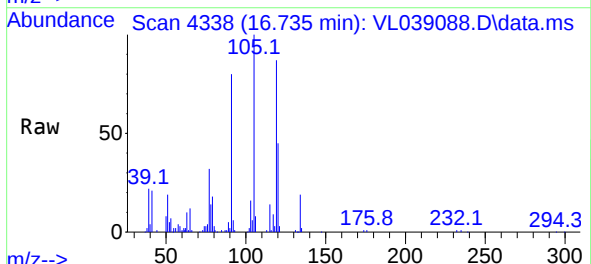
Tgt Ion:105 Resp: 93319
Ion Ratio Lower Upper
105 100
120 35.7 34.4 51.6

Manual Integrations
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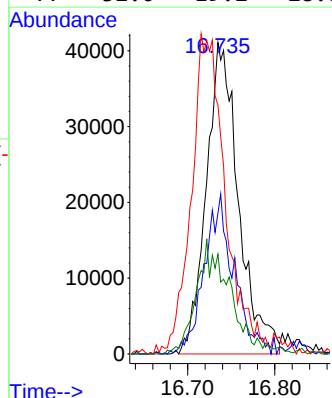
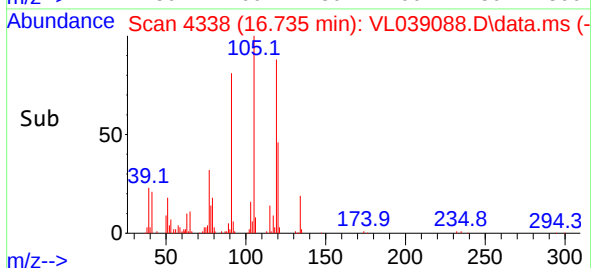
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

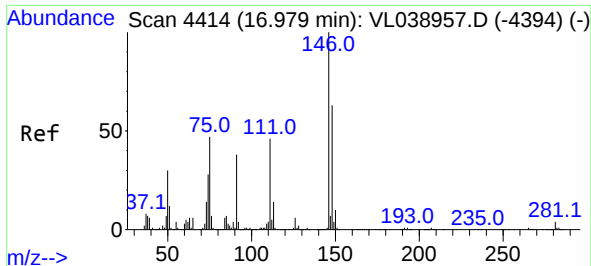


#74
1,2,4-Trimethylbenzene
Concen: 0.379 ppbv m
RT: 16.735 min Scan# 4338
Delta R.T. -0.013 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



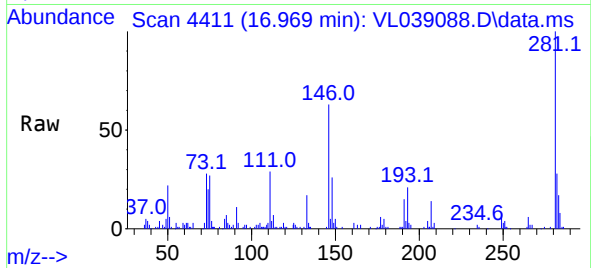
Tgt Ion:105 Resp: 105634
Ion Ratio Lower Upper
105 100
120 45.3 36.9 55.3
91 79.9 45.0 67.4#
77 32.0 19.2 28.8#





#75
1,3-Dichlorobenzene
Concen: 0.395 ppbv m
RT: 16.969 min Scan# 4414
Delta R.T. -0.010 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

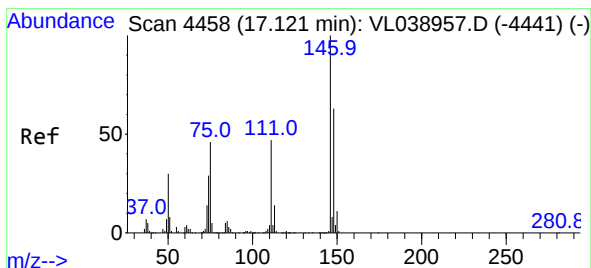
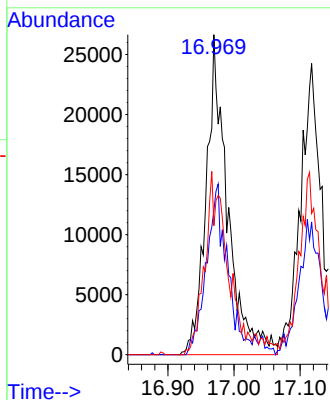
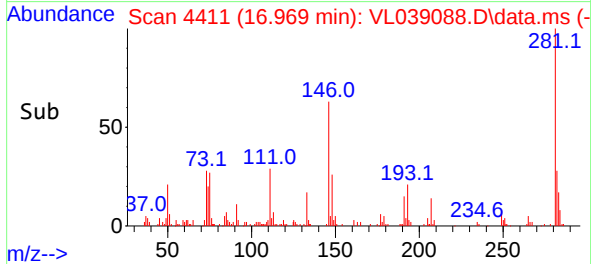
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



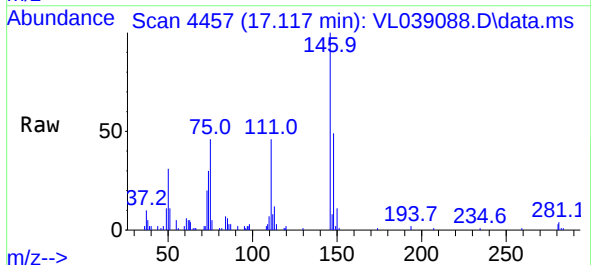
Tgt Ion:146 Resp: 60274
Ion Ratio Lower Upper
146 100
111 55.6 24.1 72.2
148 64.0 32.4 97.2

Manual Integrations
APPROVED

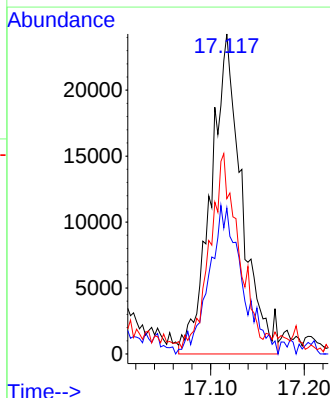
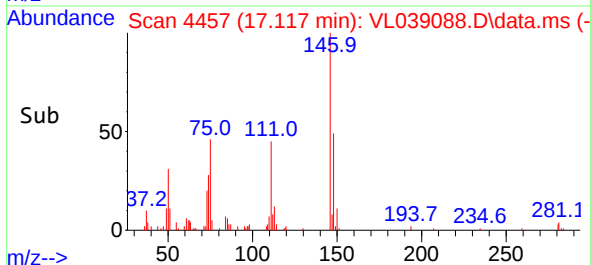
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

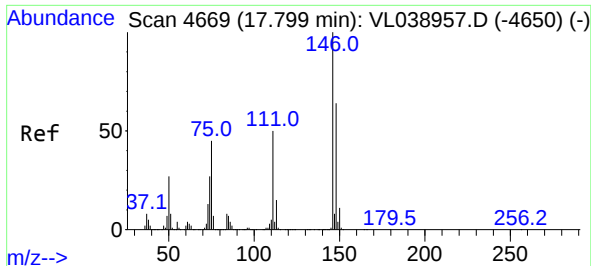


#76
1,4-Dichlorobenzene
Concen: 0.372 ppbv m
RT: 17.117 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



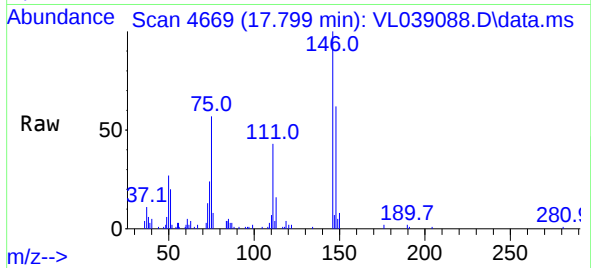
Tgt Ion:146 Resp: 55813
Ion Ratio Lower Upper
146 100
111 0.0 23.6 71.0#
148 0.0 32.2 96.6#





#77
1,2-Dichlorobenzene
Concen: 0.373 ppbv m
RT: 17.799 min Scan# 4669
Delta R.T. -0.000 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

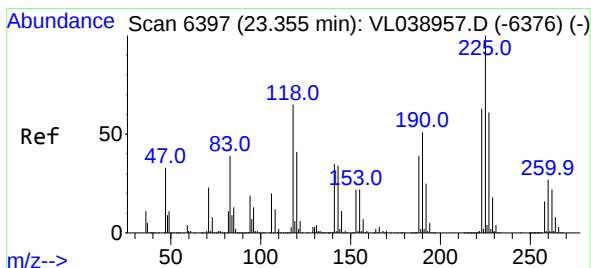
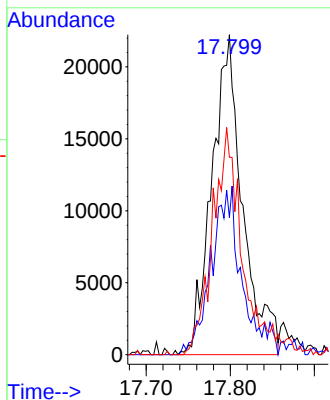
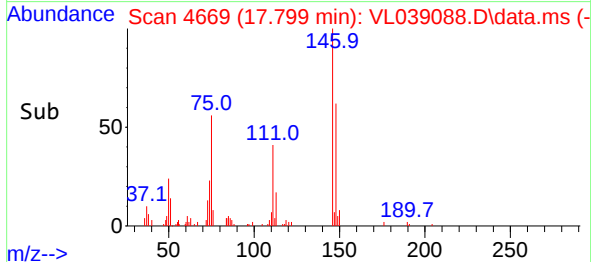
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



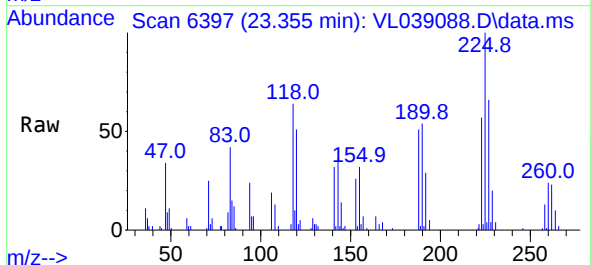
Tgt Ion:146 Resp: 56289
Ion Ratio Lower Upper
146 100
111 0.0 25.3 75.9
148 0.0 32.3 96.9

Manual Integrations
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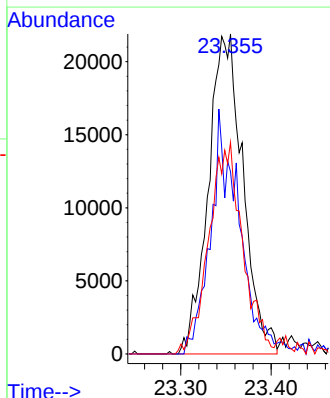
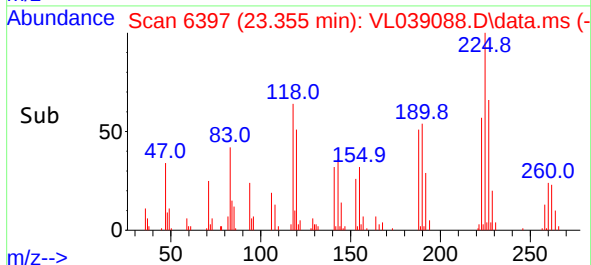
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

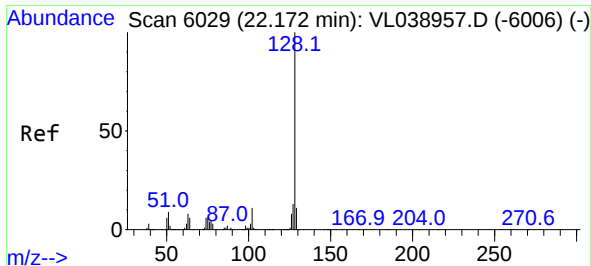


#78
Hexachloro-1,3-Butadiene
Concen: 0.419 ppbv m
RT: 23.355 min Scan# 6397
Delta R.T. -0.000 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



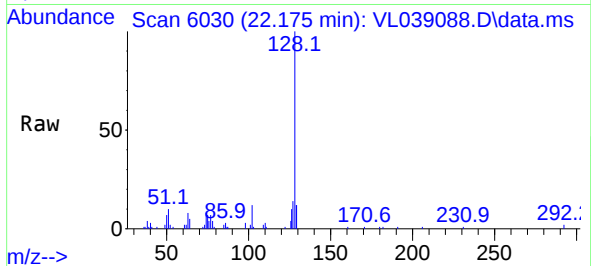
Tgt Ion:225 Resp: 58170
Ion Ratio Lower Upper
225 100
223 64.6 51.4 77.0
227 0.0 51.4 77.0





#79
Naphthalene
Concen: 0.289 ppbv m
RT: 22.175 min Scan# 6029
Delta R.T. 0.003 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

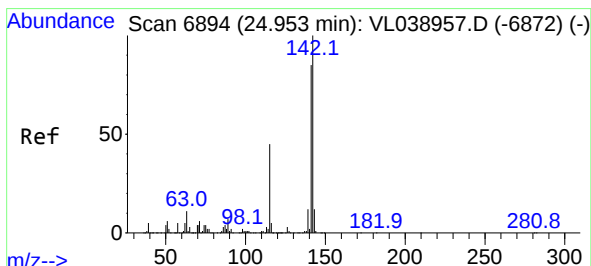
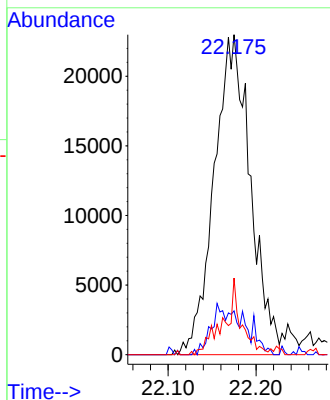
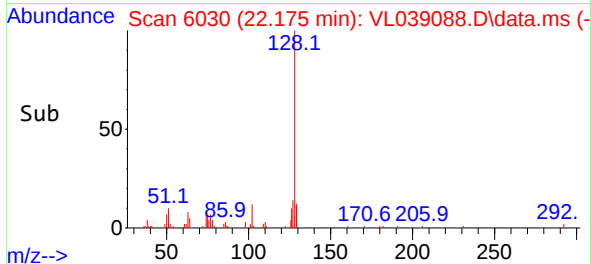
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



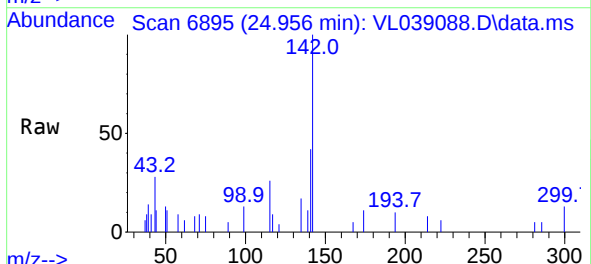
Tgt Ion:128 Resp: 65510
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 12.0 8.9 13.3

Manual Integrations
APPROVED

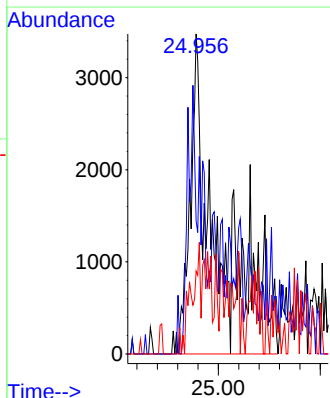
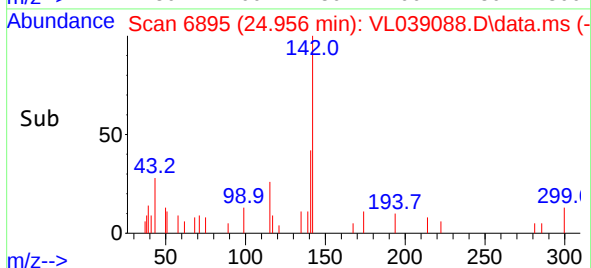
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

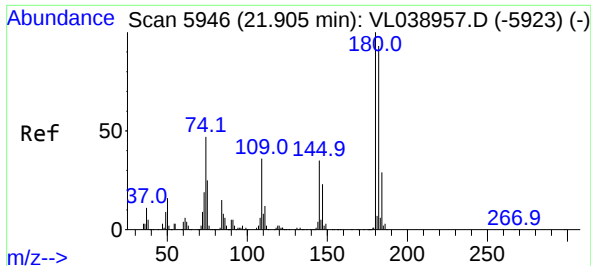


#80
Naphthalene,2-methyl-
Concen: 0.187 ppbv m
RT: 24.956 min Scan# 6895
Delta R.T. 0.003 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02



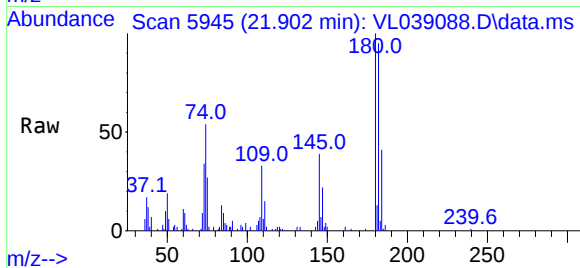
Tgt Ion:142 Resp: 12826
Ion Ratio Lower Upper
142 100
141 41.8 70.8 106.2#
115 11.4 35.1 52.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.316 ppbv m
 RT: 21.902 min Scan# 5945
 Delta R.T. -0.003 min
 Lab File: VL039088.D
 Acq: 23 May 2022 17:02

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL



Tgt Ion:	180	Resp:	4196
Ion	Ratio	Lower	Upper
180	100		
182	98.0	78.4	117.6
184	35.8	24.4	36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

