

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039392.D
 Acq On : 28 Jun 2022 13:48
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/29/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 29 06:06:30 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 29 06:06:30 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	1097615	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.163	114	3032803	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.069	117	2794556m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.397 95 2237713 9.686 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	1423370	7.383	ppbv	96
3) Chlorodifluoromethane	2.983	51	1439143	10.305	ppbv	98
4) Chloromethane	3.134	50	711541	9.919	ppbv	100
5) Vinyl Chloride	3.250	62	734610	10.954	ppbv	99
6) Bromomethane	3.465	94	340941	10.335	ppbv	98
7) Chloroethane	3.549	64	266630	11.410	ppbv	97
8) Dichlorotetrafluoroethane	3.179	85	1774659	10.072	ppbv	97
9) Propene	3.002	41	616454	10.123	ppbv	100
10) Heptane	8.108	43	1620374	11.406	ppbv	99
11) Trichlorofluoromethane	3.941	101	1737823	9.958	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.475	101	1302069	11.282	ppbv	100
13) Ethanol	3.591	45	45624m	13.738	ppbv	
14) Bromoethene	3.732	108	555426	10.706	ppbv	96
15) Acetone	3.835	43	1584195	13.856	ppbv	98
16) 1,3-Butadiene	3.321	39	723794	11.776	ppbv	93
17) tert-Butyl alcohol	4.269	59	1283872	14.477	ppbv	98
18) 1,1-Dichloroethene	4.282	96	581864	11.239	ppbv	96
19) Isopropyl Alcohol	3.948	45	666595	12.430	ppbv #	97
20) Methylene Chloride	4.333	84	476719	9.894	ppbv	90
21) Allyl Chloride	4.401	41	877605	11.378	ppbv	98
22) trans-1,2-Dichloroethene	4.874	96	585352	11.751	ppbv	96
23) Vinyl Acetate	5.057	43	947318	10.014	ppbv	98
24) 1,1-Dichloroethane	4.999	63	1211515	9.347	ppbv	99
25) Ethyl Acetate	5.661	43	3147427	12.214	ppbv	99
26) Hexane	5.674	57	1202287	10.617	ppbv	86
27) Carbon Disulfide	4.539	76	1353603	11.533	ppbv	99
28) Methyl tert-Butyl Ether	5.021	73	1072953	8.582	ppbv	96
29) Chloroform	5.738	83	1915582	10.052	ppbv	94
30) Cyclohexane	7.118	84	1041012	10.942	ppbv	98
31) cis-1,2-Dichloroethene	5.536	61	1207528	10.457	ppbv	94
32) 1,1,1-Trichloroethane	6.497	97	1914119	10.265	ppbv	99
34) 2-Butanone	5.227	43	1708149	10.367	ppbv	99
35) Carbon Tetrachloride	7.002	117	2009898	9.080	ppbv	99
36) Benzene	6.877	78	2549165	10.353	ppbv	99
37) 1,2-Dichloroethane	6.291	62	1464865	9.040	ppbv #	97
38) Trichloroethene	7.822	130	1124295	9.941	ppbv	96
39) 1,2-Dichloropropane	7.597	63	962641	9.829	ppbv	98
40) 1,4-Dioxane	7.822	88	255840	7.935	ppbv #	1
41) Tetrahydrofuran	6.031	42	991182	10.002	ppbv	99
42) Bromodichloromethane	7.777	83	2046416	9.100	ppbv	98
43) Methyl Methacrylate	7.999	69	1076402	11.223	ppbv	98
44) 2,2,4-Trimethylpentane	7.854	57	4233904	9.830	ppbv	98
45) t-1,3-Dichloropropene	9.262	75	805963	8.069	ppbv	100

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Instrument :
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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/29/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 29 06:06:30 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

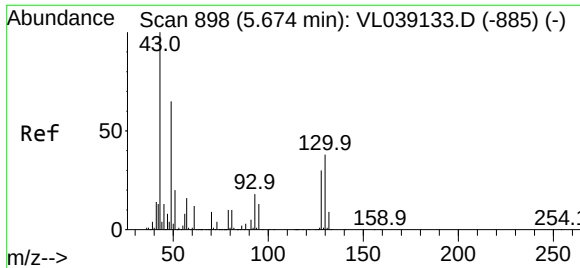
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 6

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

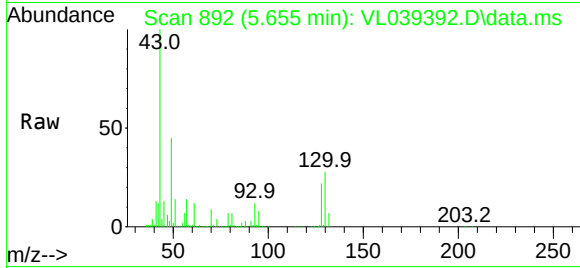
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.687	75	1163448	8.817	ppbv	97
47) 1,1,2-Trichloroethane	9.462	97	1065813	10.431	ppbv	96
48) Dibromochloromethane	10.288	129	1820926	9.981	ppbv	99
49) Bromoform	13.021	173	1515214	9.966	ppbv	99
50) 4-Methyl-2-Pentanone	8.722	43	2642441	10.714	ppbv	99
51) 2-Hexanone	10.111	43	2010202	10.475	ppbv #	98
52) Tetrachloroethene	11.208	164	1012537	10.533	ppbv	99
53) Toluene	9.790	91	3084501	10.879	ppbv	99
54) 1,2-Dibromoethane	10.594	107	1496314	10.898	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.111	131	1438836	10.881	ppbv	94
57) Chlorobenzene	12.127	112	2363718	11.241	ppbv	92
58) Ethyl Benzene	12.693	91	4201076	10.914	ppbv	99
59) m/p-Xylene	12.979	91	7241690m	21.363	ppbv	
60) o-Xylene	13.674	91	3481583	10.930	ppbv	99
61) Styrene	13.507	104	1983622	11.629	ppbv	96
62) Isopropylbenzene	14.648	105	5381038	11.366	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.658	83	2187917	12.237	ppbv	100
64) n-propylbenzene	15.542	120	1424938	12.244	ppbv	91
65) tert-Butylbenzene	16.725	119	4875702	11.263	ppbv	96
66) Benzyl Chloride	16.966	91	301468	5.356	ppbv	98
67) sec-Butylbenzene	17.275	105	6759069	11.443	ppbv	99
69) p-Isopropyltoluene	17.632	119	5843068	11.725	ppbv	98
70) n-Butylbenzene	18.529	91	5780667	11.301	ppbv	99
71) 2-Chlorotoluene	15.433	91	3933841	10.896	ppbv	96
72) 4-Ethyltoluene	15.822	105	4329719	11.598	ppbv	98
73) 1,3,5-Trimethylbenzene	15.976	105	3939015	11.699	ppbv	99
74) 1,2,4-Trimethylbenzene	16.744	105	4211363	11.208	ppbv	92
75) 1,3-Dichlorobenzene	16.976	146	2479514	11.658	ppbv	99
76) 1,4-Dichlorobenzene	17.117	146	2467721	11.629	ppbv	96
77) 1,2-Dichlorobenzene	17.796	146	2428164	11.328	ppbv	99
78) Hexachloro-1,3-Butadiene	23.352	225	1925840	9.825	ppbv	99
79) Naphthalene	22.169	128	3608455	12.475	ppbv	98
80) Naphthalene,2-methyl-	24.950	142	1020378	9.495	ppbv	93
81) 1,2,4-Trichlorobenzene	21.895	180	2023687	11.043	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 89
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

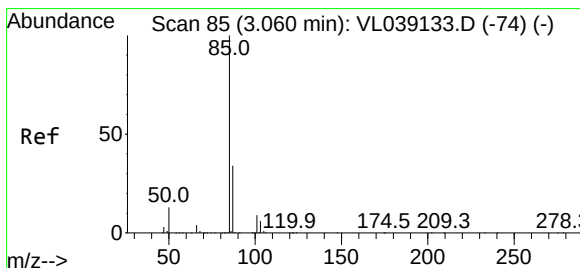
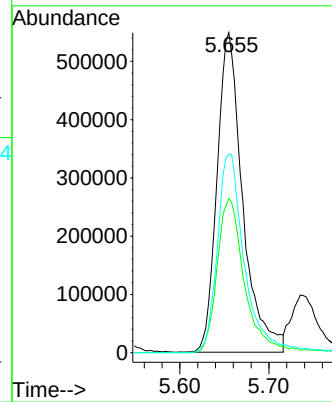
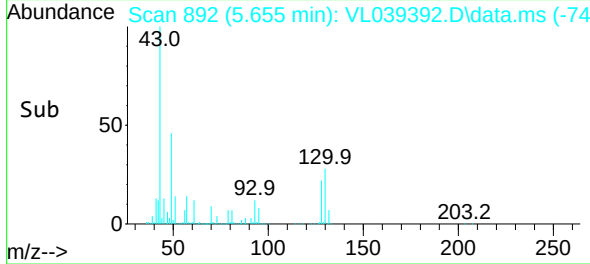
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 109761
Ion Ratio Lower Upper
49 100
128 52.5 24.7 74.1
130 67.2 31.4 94.0

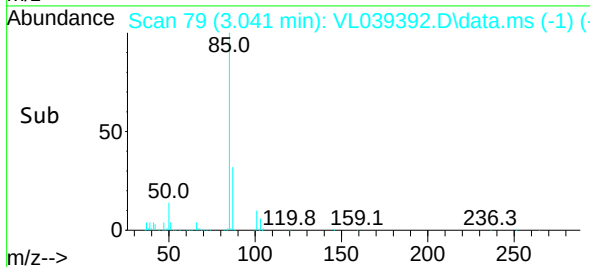
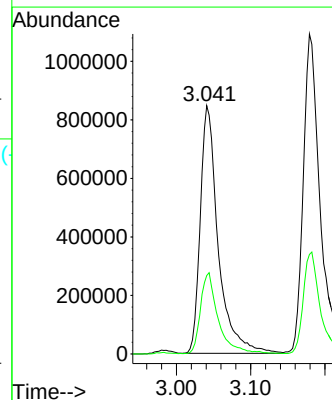
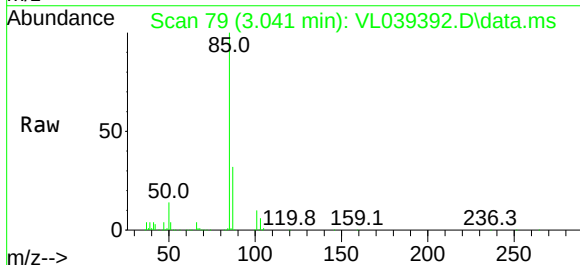
Manual Integrations
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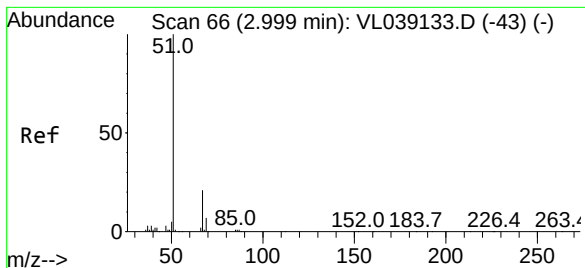
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#2
Dichlorodifluoromethane
Concen: 7.383 ppbv
RT: 3.041 min Scan# 79
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

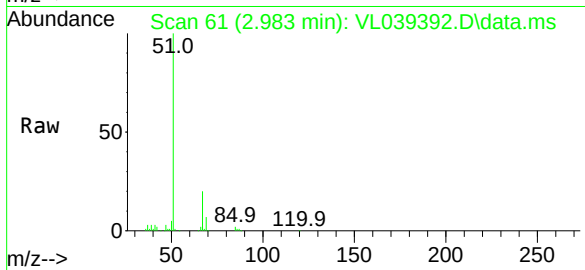
Tgt Ion: 85 Resp: 1423370
Ion Ratio Lower Upper
85 100
87 31.6 26.9 40.3





#3
Chlorodifluoromethane
Concen: 10.305 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

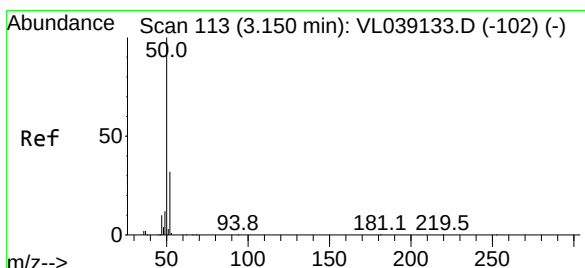
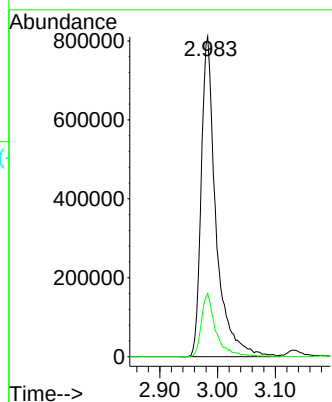
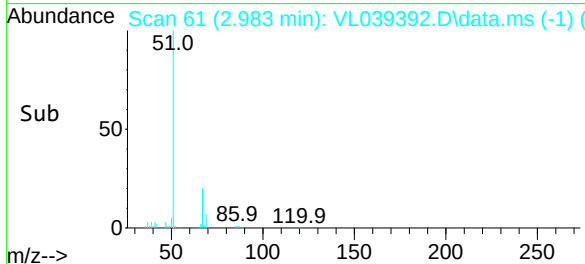
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 143914
Ion Ratio Lower Upper
51 100
67 19.5 16.2 24.4

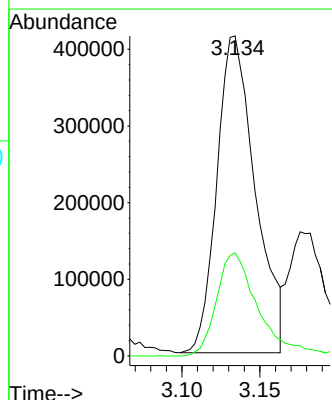
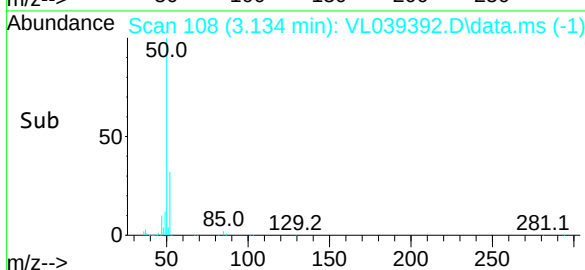
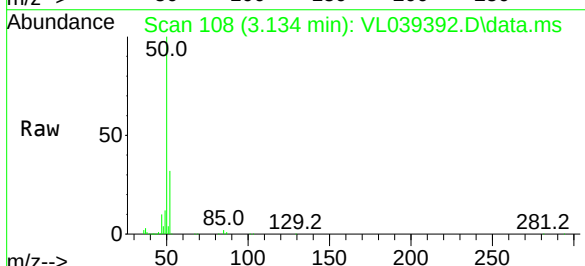
Manual Integrations
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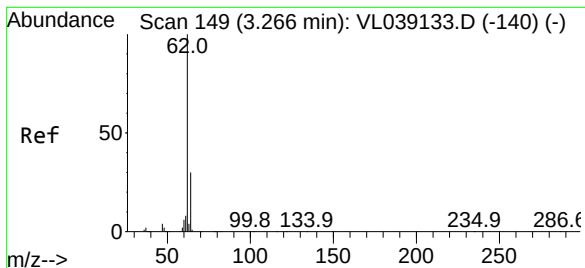
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#4
Chloromethane
Concen: 9.919 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.016 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

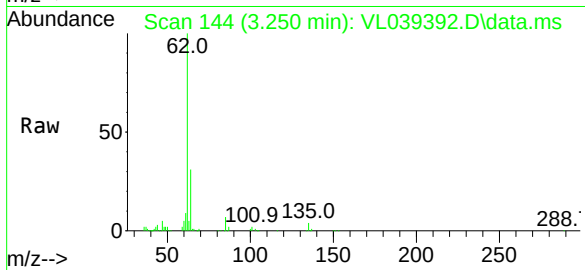
Tgt Ion: 50 Resp: 711541
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9





#5
 Vinyl Chloride
 Concen: 10.954 ppbv
 RT: 3.250 min Scan# 149
 Delta R.T. -0.016 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

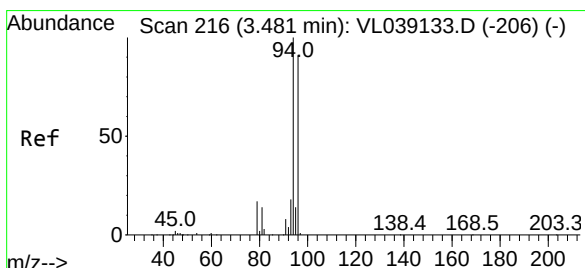
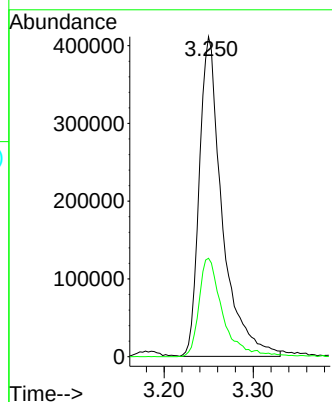
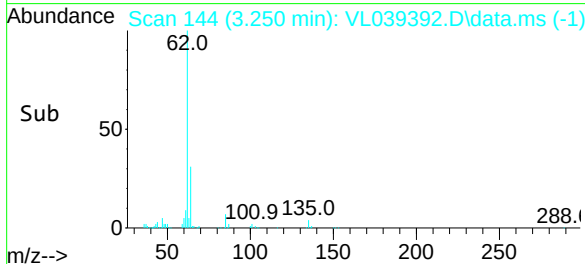
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



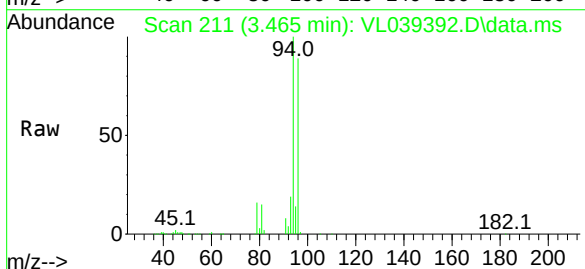
Tgt Ion: 62 Resp: 734610
 Ion Ratio Lower Upper
 62 100
 64 30.7 24.2 36.2

Manual Integrations
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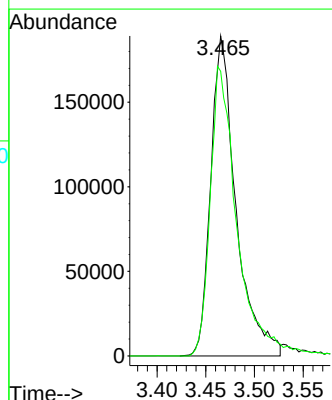
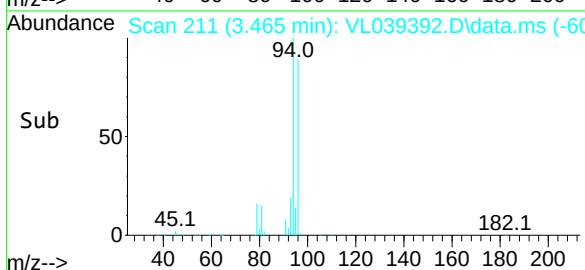
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

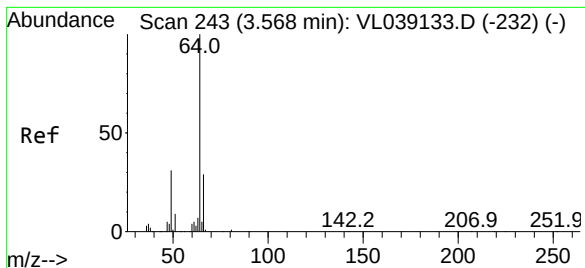


#6
 Bromomethane
 Concen: 10.335 ppbv
 RT: 3.465 min Scan# 211
 Delta R.T. -0.016 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48



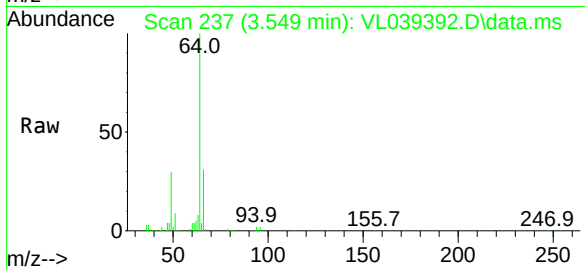
Tgt Ion: 94 Resp: 340941
 Ion Ratio Lower Upper
 94 100
 96 88.9 73.0 109.4





#7
Chloroethane
Concen: 11.410 ppbv
RT: 3.549 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

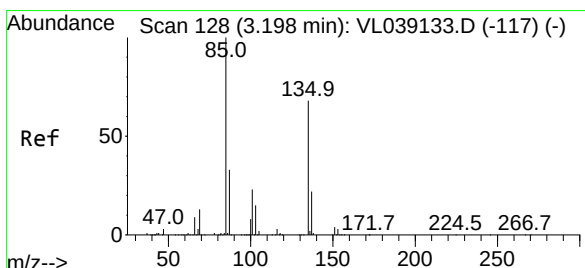
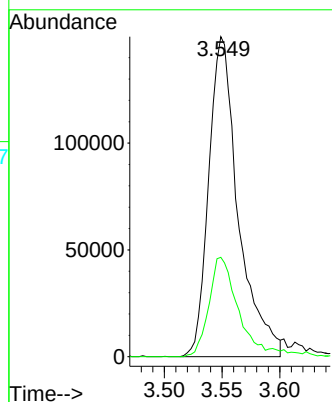
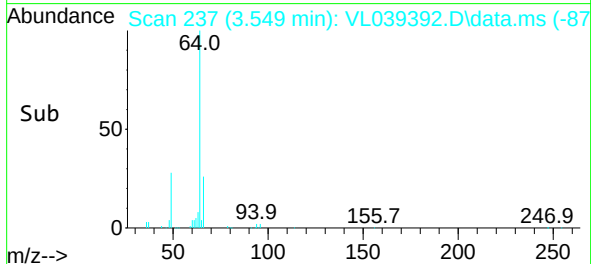
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 266630
Ion Ratio Lower Upper
64 100
66 31.0 23.6 35.4

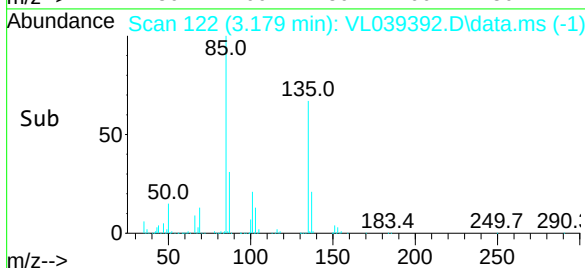
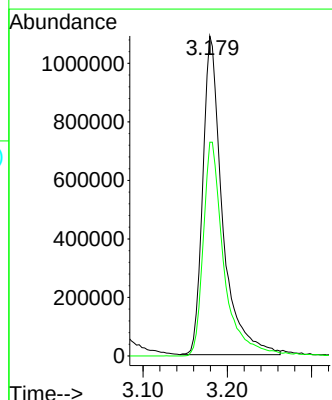
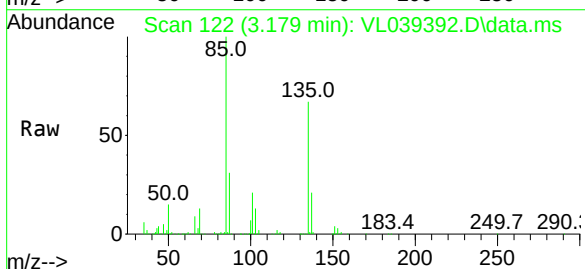
Manual Integrations
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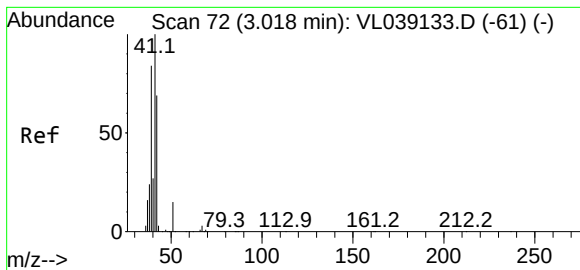
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#8
Dichlorotetrafluoroethane
Concen: 10.072 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

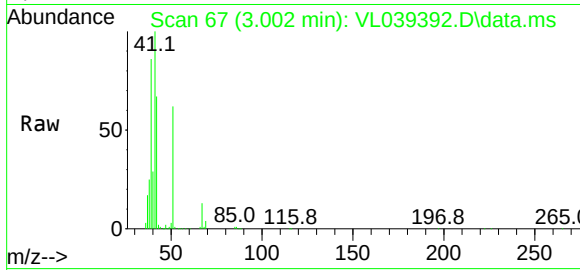
Tgt Ion: 85 Resp: 1774659
Ion Ratio Lower Upper
85 100
135 71.1 55.0 82.4





#9
 Propene
 Concen: 10.123 ppbv
 RT: 3.002 min Scan# 61
 Delta R.T. -0.016 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

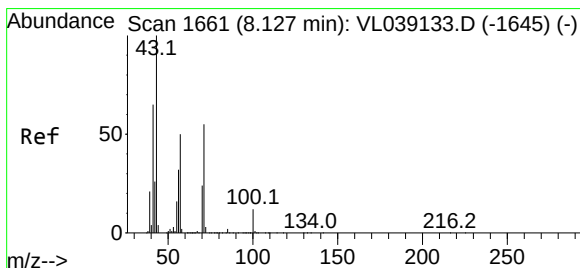
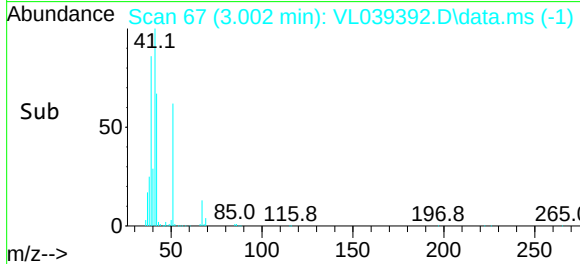
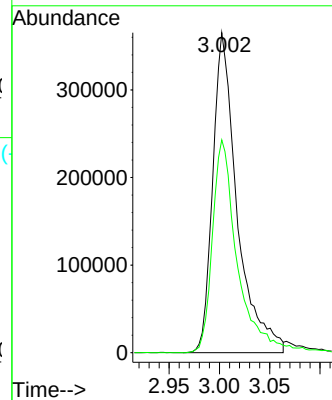
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 616454
 Ion Ratio Lower Upper
 41 100
 42 69.1 55.4 83.2

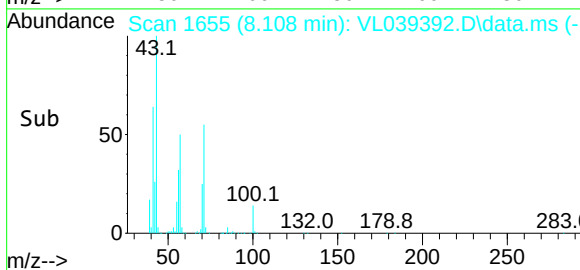
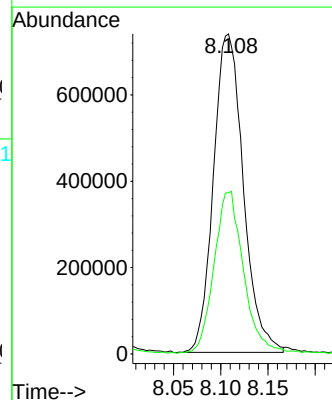
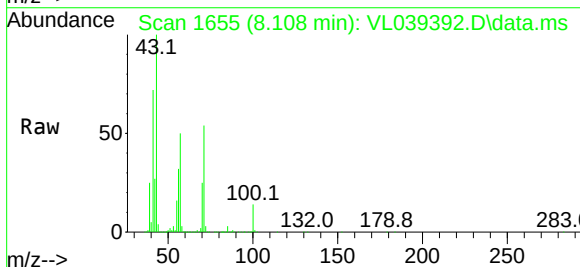
Manual Integrations
 APPROVED

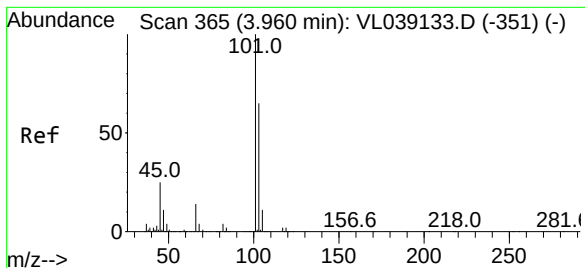
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#10
 Heptane
 Concen: 11.406 ppbv
 RT: 8.108 min Scan# 1655
 Delta R.T. -0.019 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

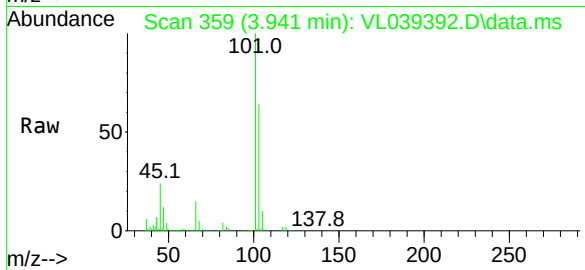
Tgt Ion: 43 Resp: 1620374
 Ion Ratio Lower Upper
 43 100
 57 50.9 41.4 62.2





#11
Trichlorofluoromethane
Concen: 9.958 ppbv
RT: 3.941 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

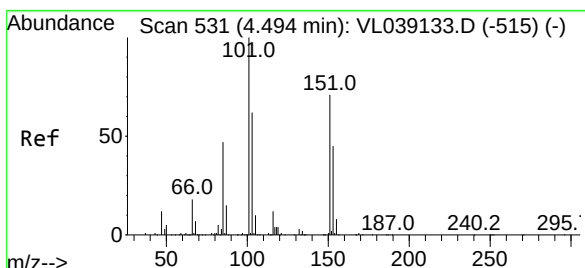
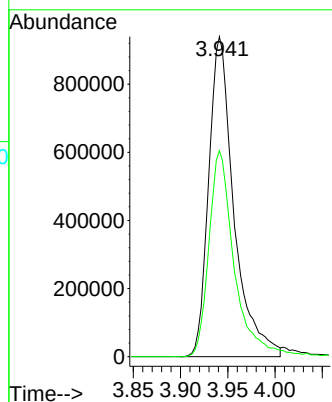
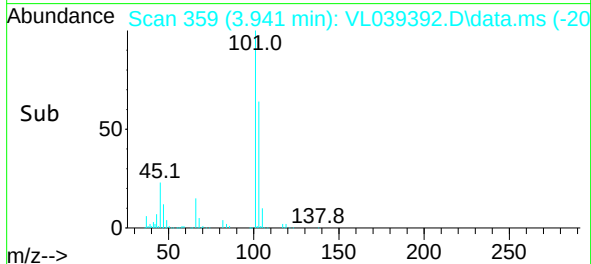
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



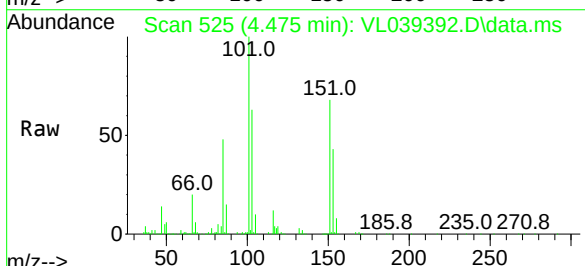
Tgt Ion:101 Resp: 173782
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

Manual Integrations
APPROVED

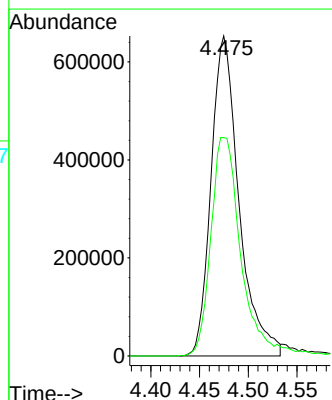
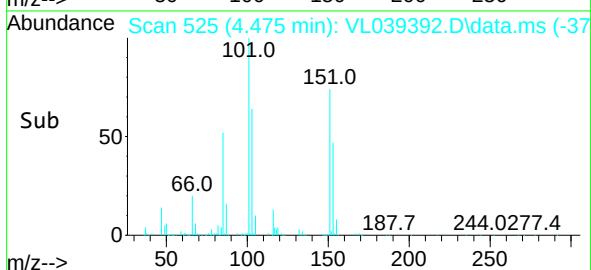
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

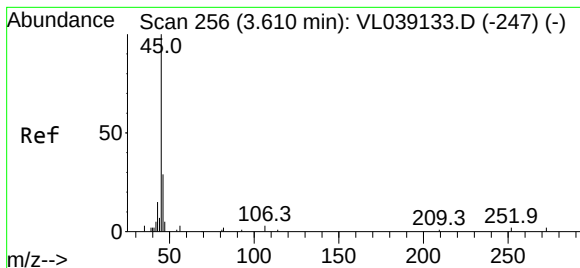


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.282 ppbv
RT: 4.475 min Scan# 525
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48



Tgt Ion:101 Resp: 1302069
Ion Ratio Lower Upper
101 100
151 74.4 59.4 89.0





#13

Ethanol

Concen: 13.738 ppbv m

RT: 3.591 min Scan# 2

Delta R.T. -0.019 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

Instrument :

MSVOA_L

ClientSampleId :

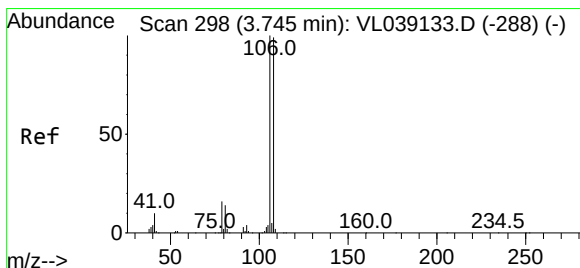
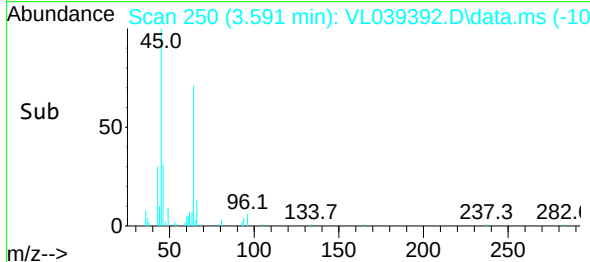
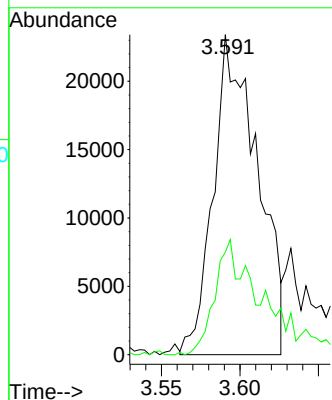
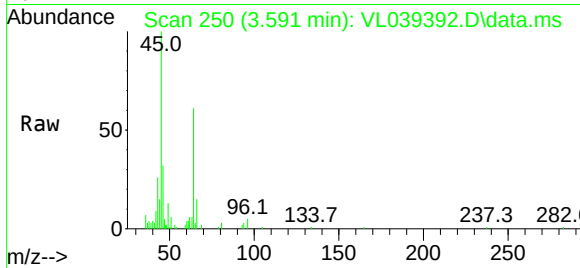
VSTDCCC010EC

Tgt Ion: 45 Resp: 45624
 Ion Ratio Lower Upper
 45 100
 46 39.3 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#14

Bromoethene

Concen: 10.706 ppbv

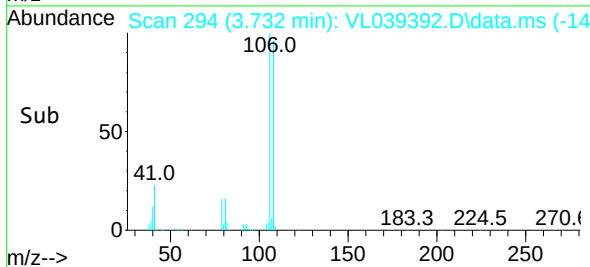
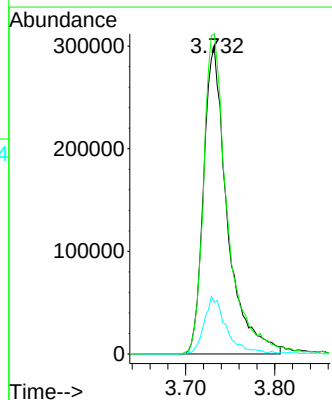
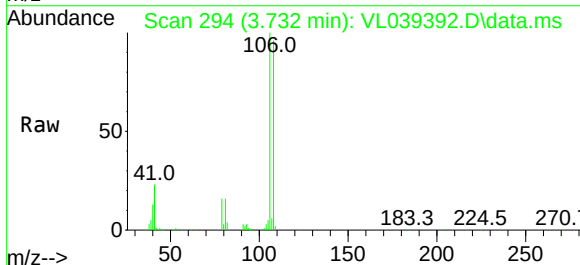
RT: 3.732 min Scan# 294

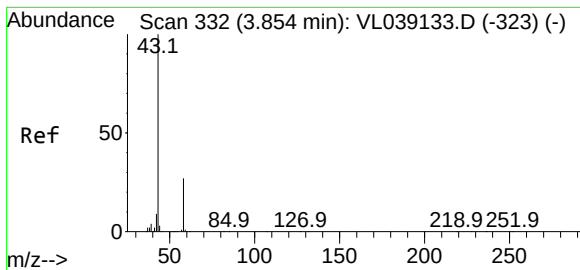
Delta R.T. -0.013 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

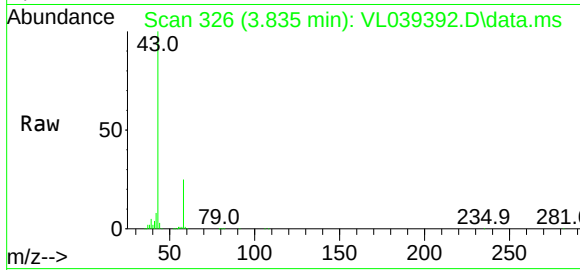
Tgt Ion:108 Resp: 555426
 Ion Ratio Lower Upper
 108 100
 106 105.7 88.4 132.6
 79 18.1 13.4 20.2





#15
Acetone
Concen: 13.856 ppbv
RT: 3.835 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

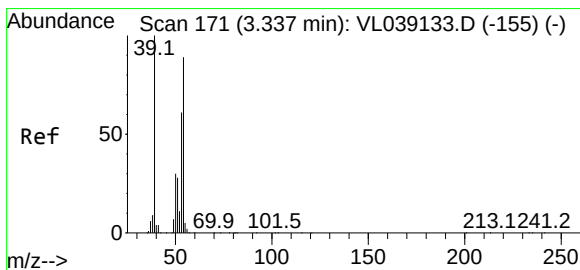
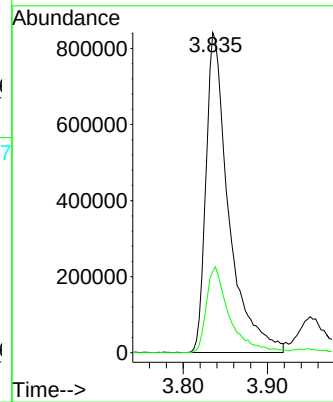
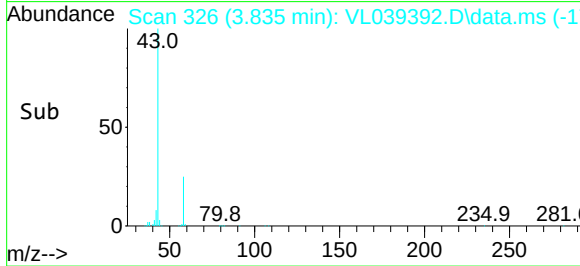
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 158419
Ion Ratio Lower Upper
43 100
58 27.3 22.5 33.7

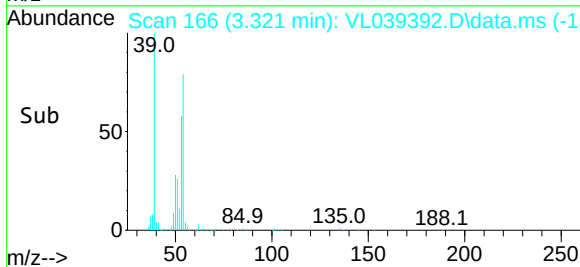
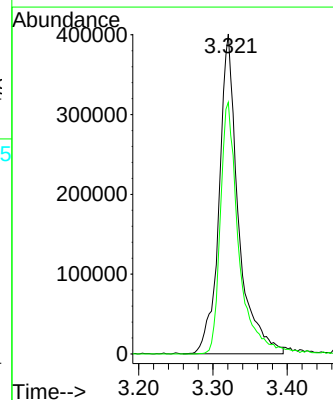
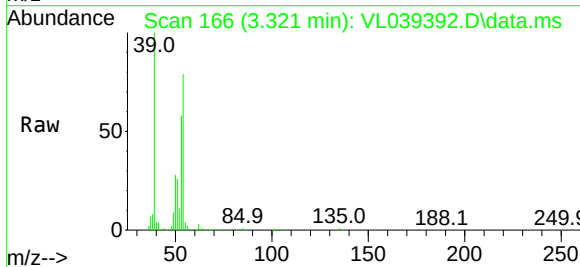
Manual Integrations
APPROVED

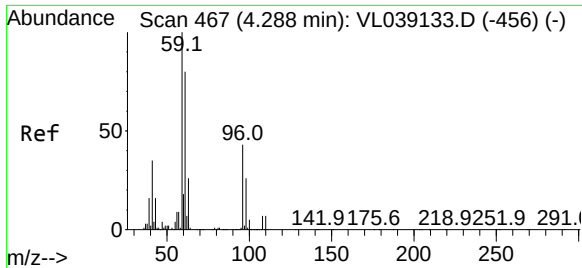
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#16
1,3-Butadiene
Concen: 11.776 ppbv
RT: 3.321 min Scan# 166
Delta R.T. -0.016 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

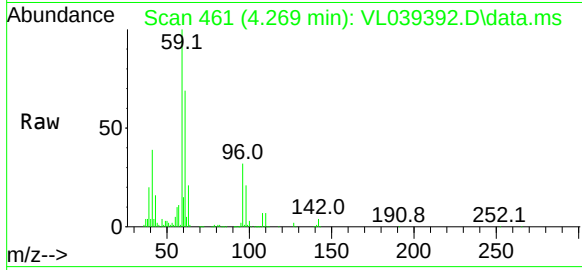
Tgt Ion: 39 Resp: 723794
Ion Ratio Lower Upper
39 100
54 76.2 65.8 98.6





#17
tert-Butyl alcohol
Concen: 14.477 ppbv
RT: 4.269 min Scan# 40
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

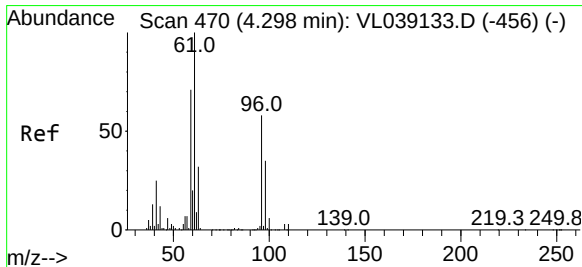
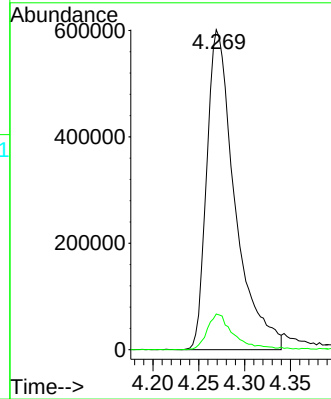
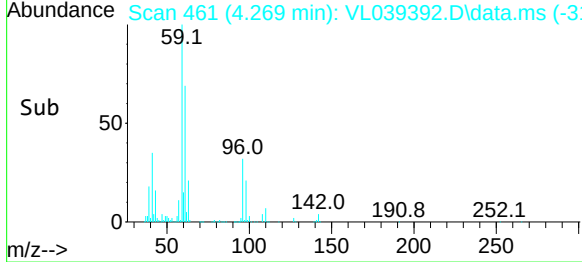
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 128387
Ion Ratio Lower Upper
59 100
57 10.6 9.1 13.7

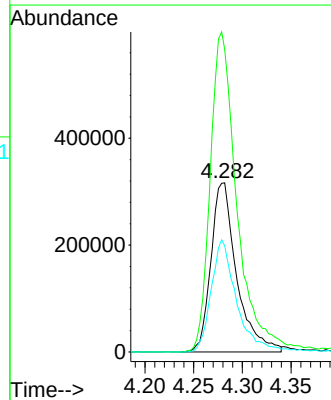
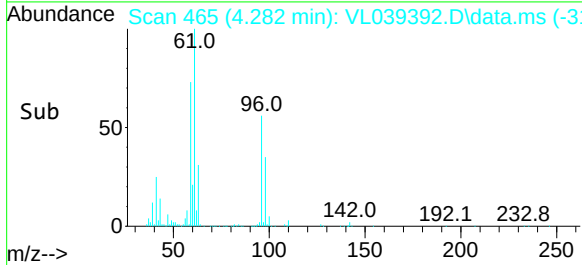
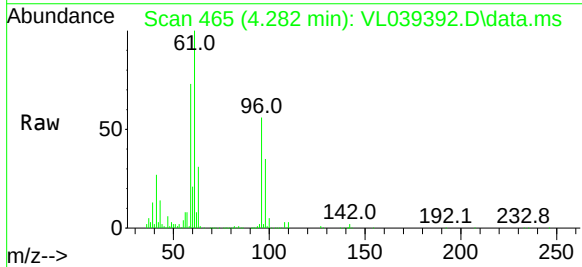
Manual Integrations
APPROVED

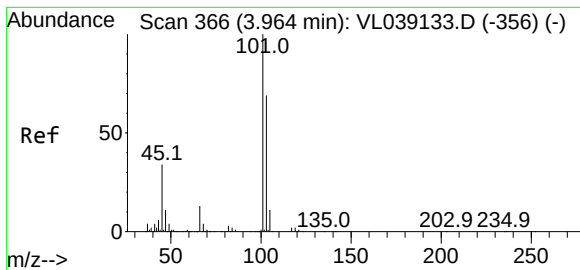
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#18
1,1-Dichloroethene
Concen: 11.239 ppbv
RT: 4.282 min Scan# 465
Delta R.T. -0.016 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

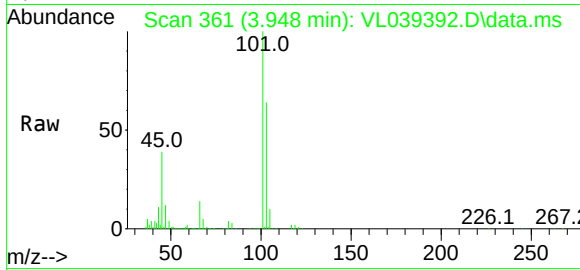
Tgt Ion: 96 Resp: 581864
Ion Ratio Lower Upper
96 100
61 178.8 138.4 207.6
98 62.7 47.8 71.8





#19
Isopropyl Alcohol
Concen: 12.430 ppbv
RT: 3.948 min Scan# 30
Delta R.T. -0.016 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

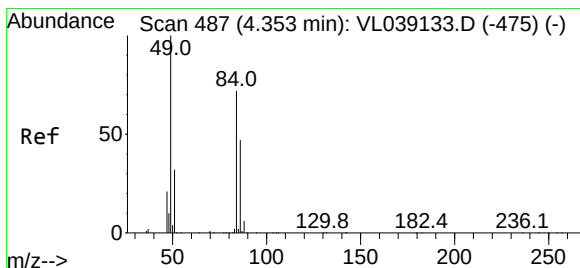
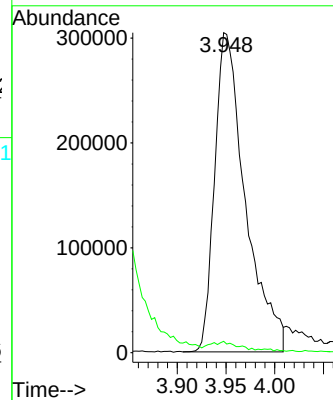
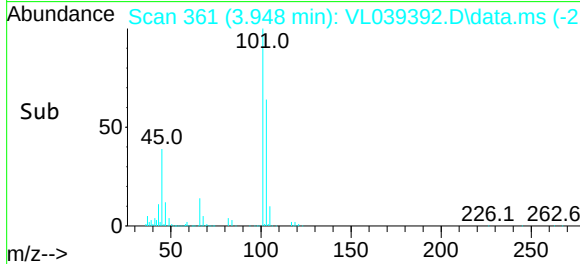
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



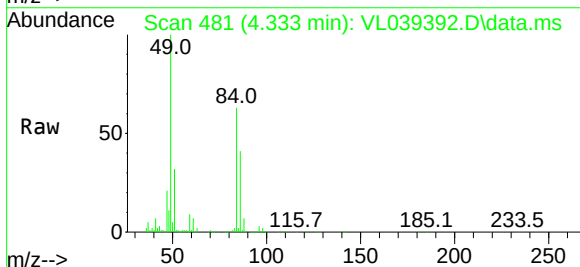
Tgt Ion: 45 Resp: 66659
Ion Ratio Lower Upper
45 100
58 3.4 1.8 2.8

Manual Integrations
APPROVED

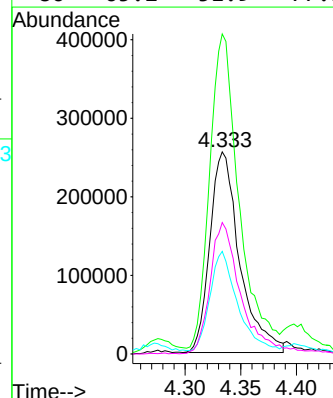
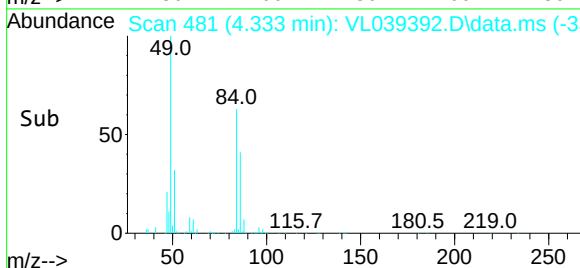
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

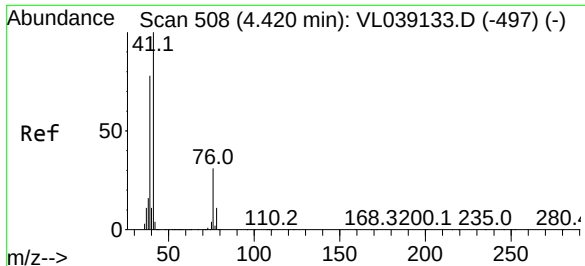


#20
Methylene Chloride
Concen: 9.894 ppbv
RT: 4.333 min Scan# 481
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48



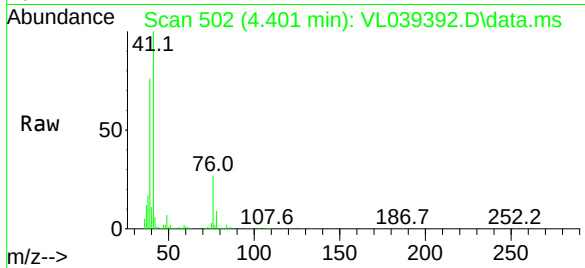
Tgt Ion: 84 Resp: 476719
Ion Ratio Lower Upper
84 100
49 156.3 111.1 166.7
51 49.1 35.3 52.9
86 65.2 51.9 77.9





#21
 Allyl Chloride
 Concen: 11.378 ppbv
 RT: 4.401 min Scan# 508
 Delta R.T. -0.019 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

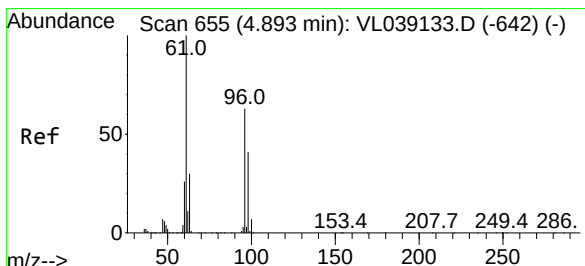
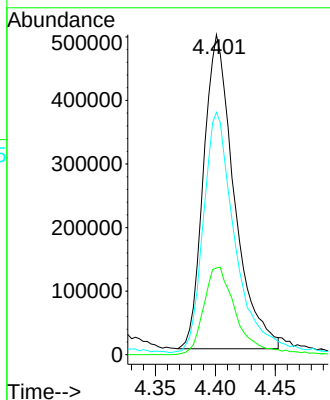
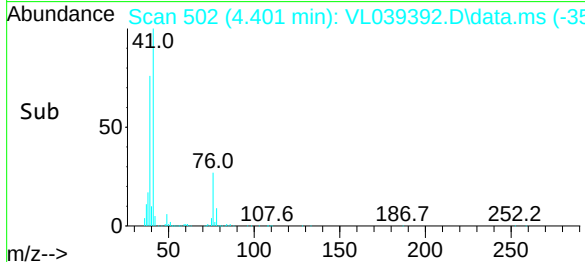
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 877609
 Ion Ratio Lower Upper
 41 100
 76 30.0 24.2 36.2
 39 79.9 62.2 93.2

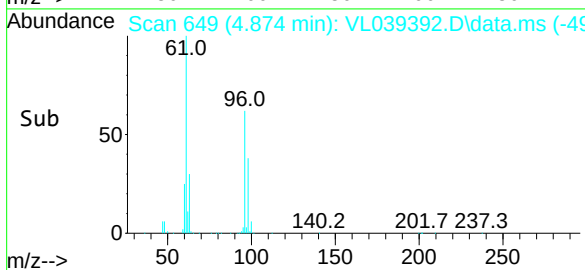
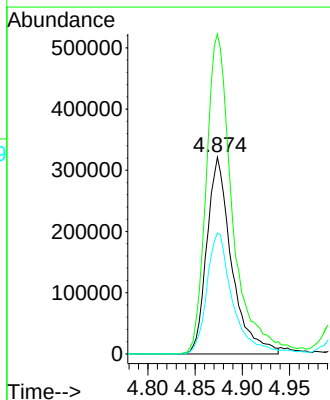
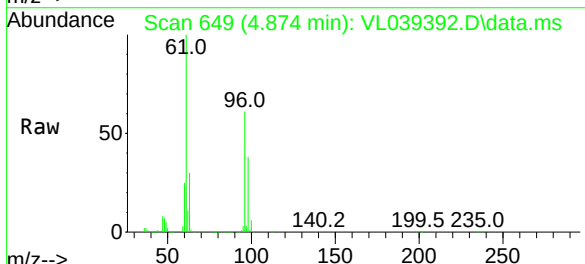
Manual Integrations
 APPROVED

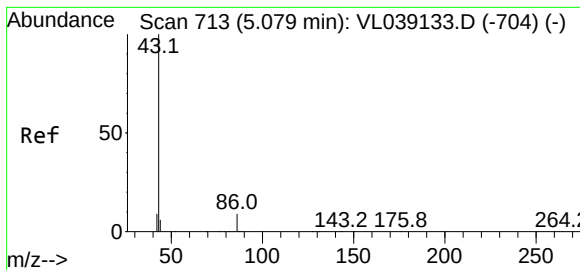
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.751 ppbv
 RT: 4.874 min Scan# 649
 Delta R.T. -0.019 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

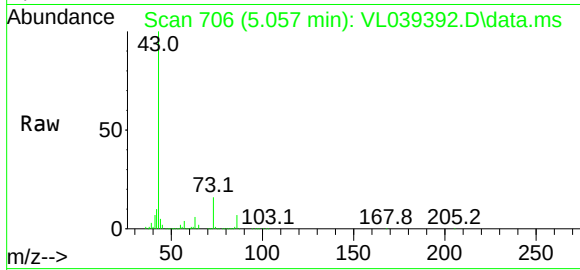
Tgt Ion: 96 Resp: 585352
 Ion Ratio Lower Upper
 96 100
 61 162.5 126.6 190.0
 98 61.5 52.5 78.7





#23
 Vinyl Acetate
 Concen: 10.014 ppbv
 RT: 5.057 min Scan# 706
 Delta R.T. -0.022 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

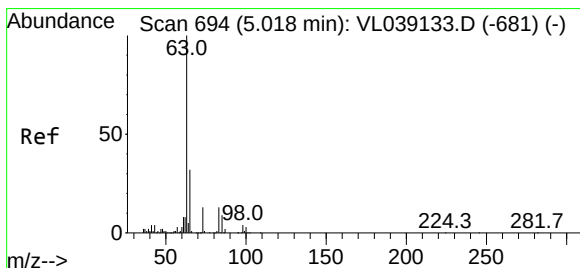
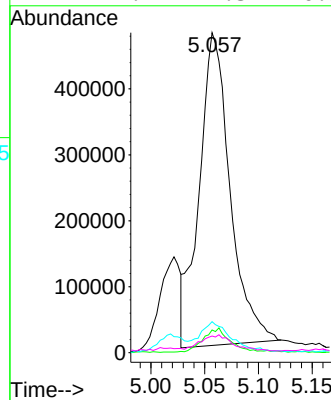
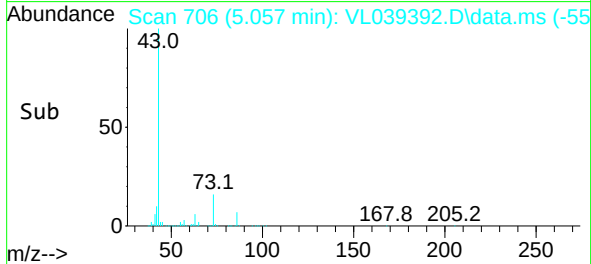


Tgt Ion: 43 Resp: 947318

Ion	Ratio	Lower	Upper
43	100		
86	7.1	6.0	9.0
42	9.5	8.2	12.4
44	4.9	4.3	6.5

Manual Integrations
 APPROVED

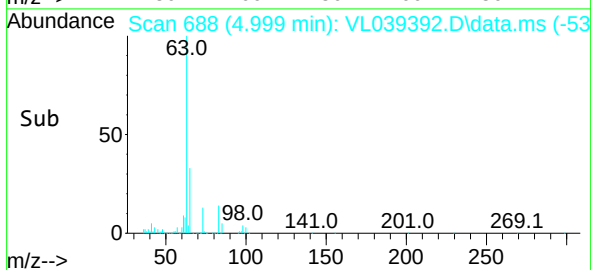
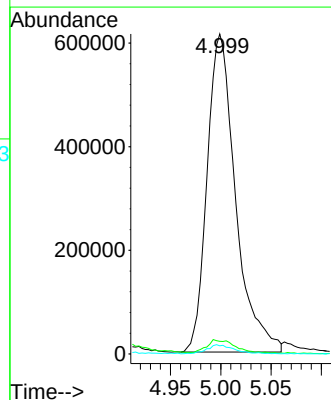
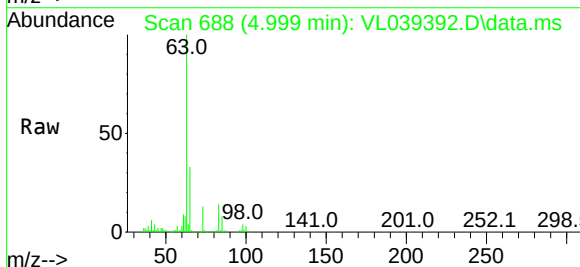
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

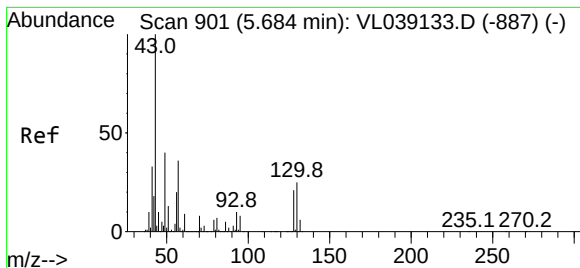


#24
 1,1-Dichloroethane
 Concen: 9.347 ppbv
 RT: 4.999 min Scan# 688
 Delta R.T. -0.019 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

Tgt Ion: 63 Resp: 1211515

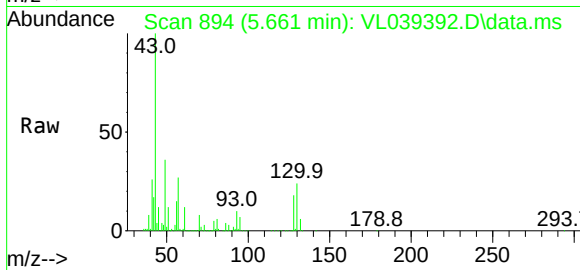
Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.1	6.2
100	2.5	1.5	4.5





#25
Ethyl Acetate
Concen: 12.214 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

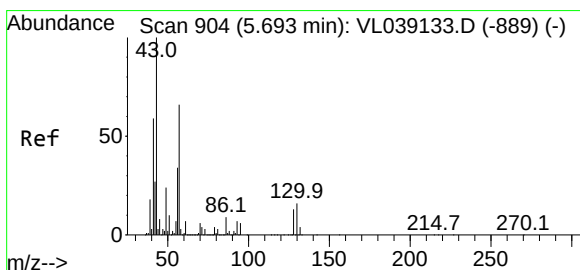
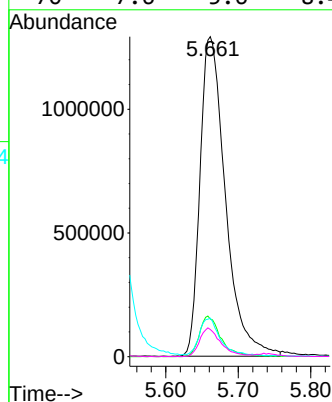


Tgt Ion: 43 Resp: 314742

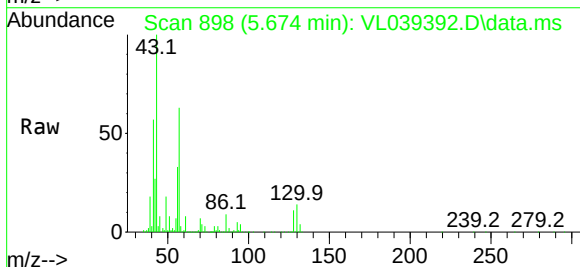
Ion	Ratio	Lower	Upper
43	100		
45	11.1	8.2	12.2
61	10.5	8.4	12.6
70	7.6	5.6	8.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

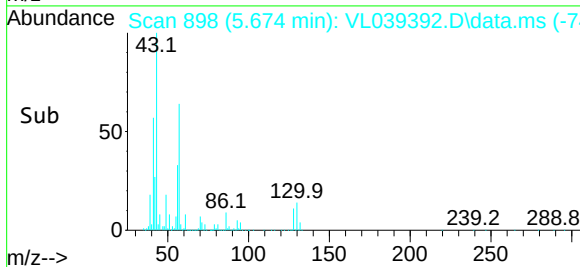
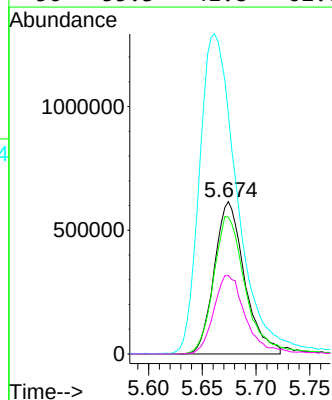


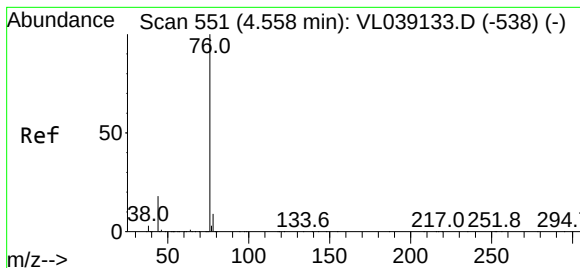
#26
Hexane
Concen: 10.617 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48



Tgt Ion: 57 Resp: 1202287

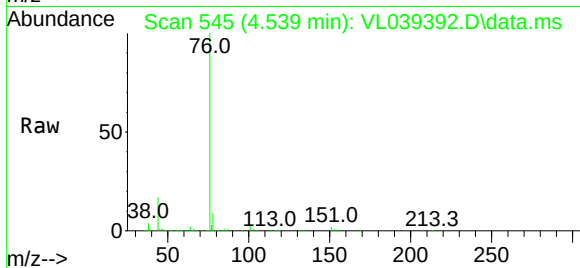
Ion	Ratio	Lower	Upper
57	100		
41	96.7	72.4	108.6
43	265.7	187.0	280.6
56	55.3	41.8	62.6





#27
Carbon Disulfide
Concen: 11.533 ppbv
RT: 4.539 min Scan# 54
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

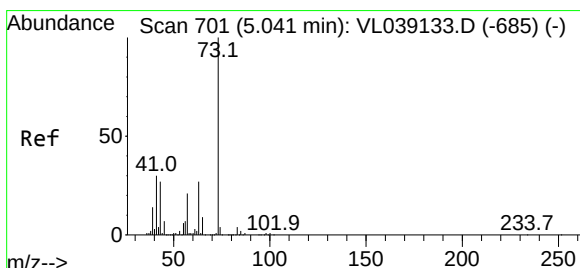
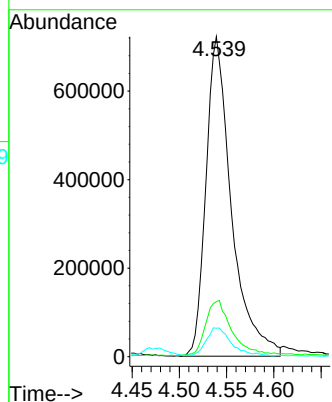
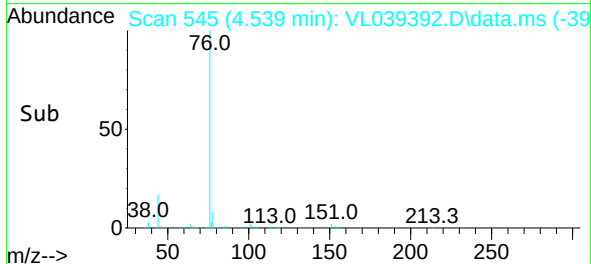
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 135360
Ion Ratio Lower Upper
76 100
44 18.6 14.4 21.6
78 10.1 7.7 11.5

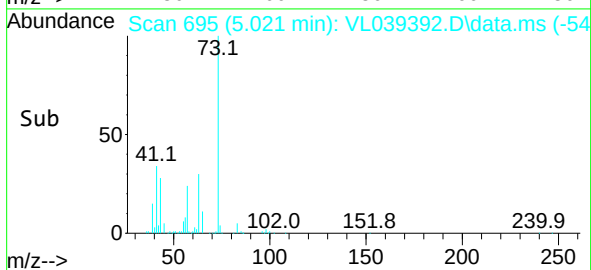
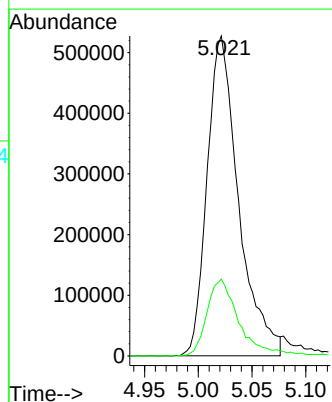
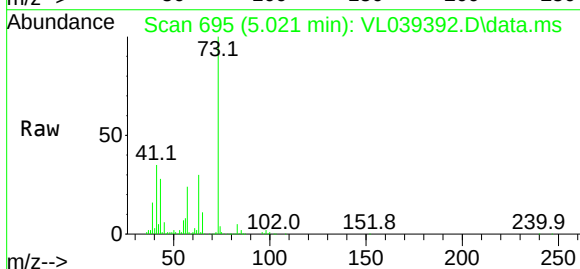
Manual Integrations
APPROVED

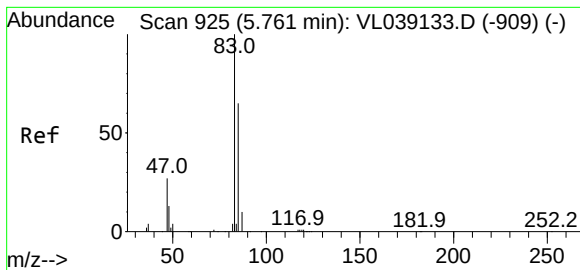
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#28
Methyl tert-Butyl Ether
Concen: 8.582 ppbv
RT: 5.021 min Scan# 695
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

Tgt Ion: 73 Resp: 1072953
Ion Ratio Lower Upper
73 100
57 25.3 18.6 27.8





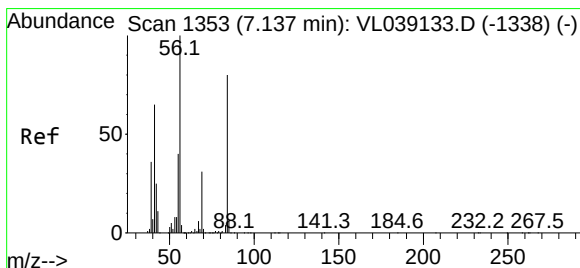
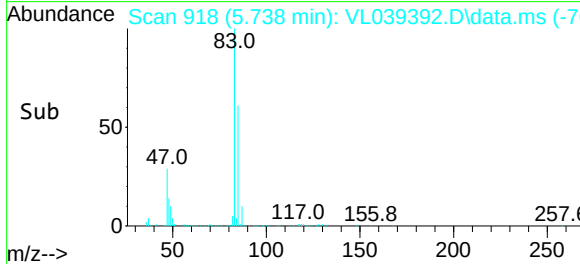
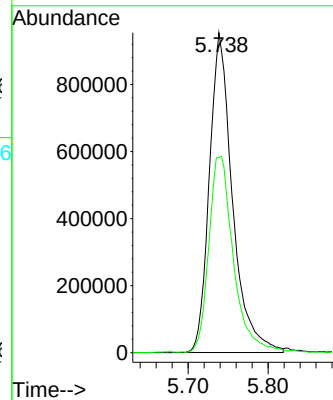
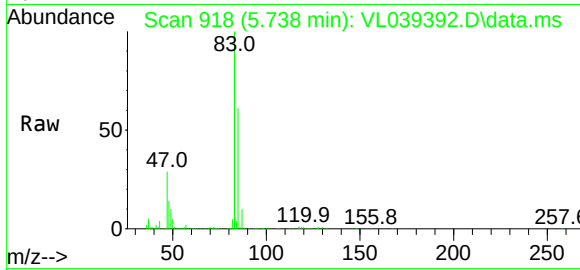
#29
Chloroform
Concen: 10.052 ppbv
RT: 5.738 min Scan# 918
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 191558
Ion Ratio Lower Upper
83 100
85 60.8 52.4 78.6

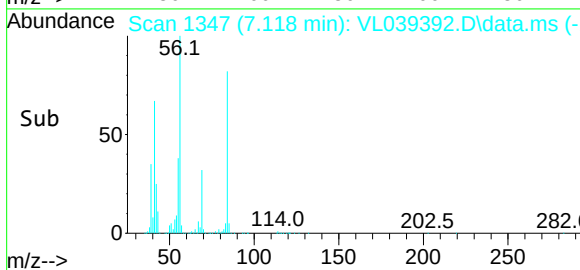
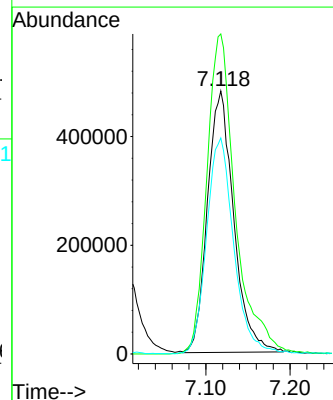
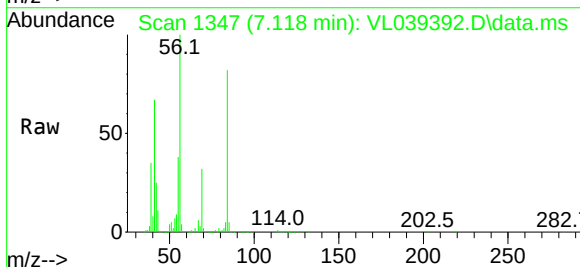
Manual Integrations
APPROVED

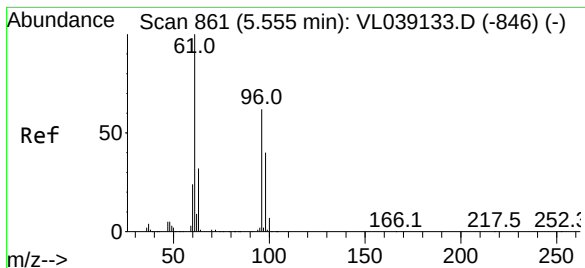
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#30
Cyclohexane
Concen: 10.942 ppbv
RT: 7.118 min Scan# 1347
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

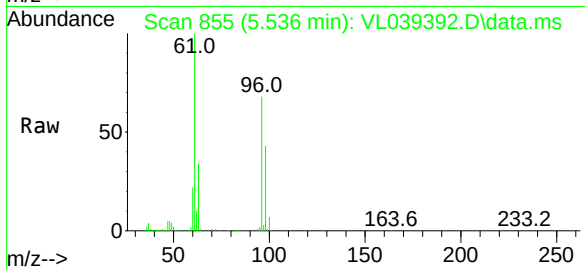
Tgt Ion: 84 Resp: 1041012
Ion Ratio Lower Upper
84 100
56 133.8 110.6 165.8
41 86.0 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 10.457 ppbv
RT: 5.536 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

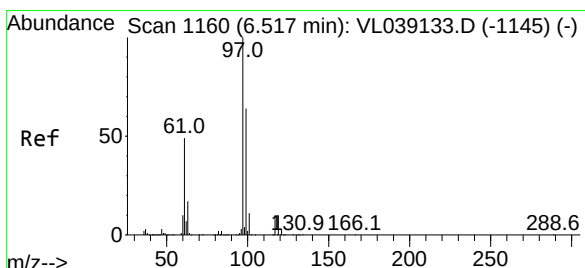
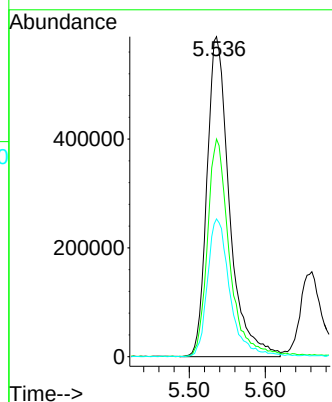
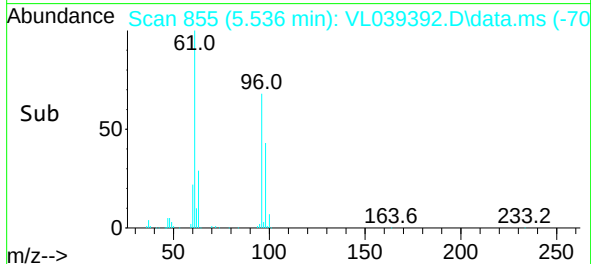
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



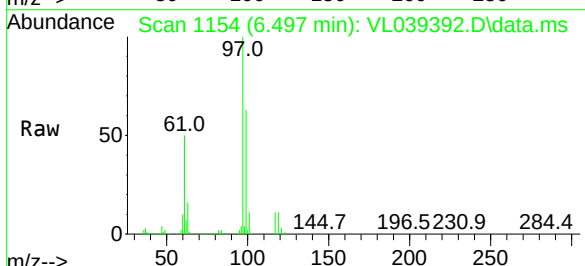
Tgt Ion: 61 Resp: 1207528
Ion Ratio Lower Upper
61 100
96 67.8 49.9 74.9
98 42.9 32.0 48.0

Manual Integrations
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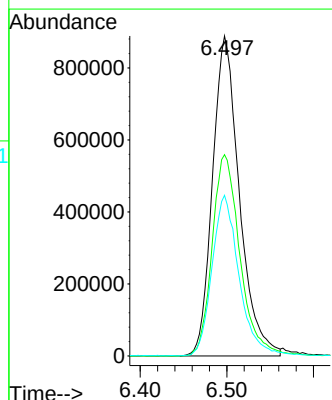
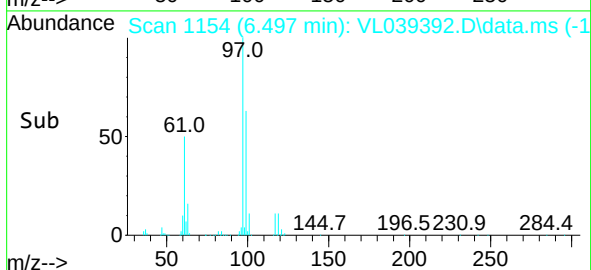
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

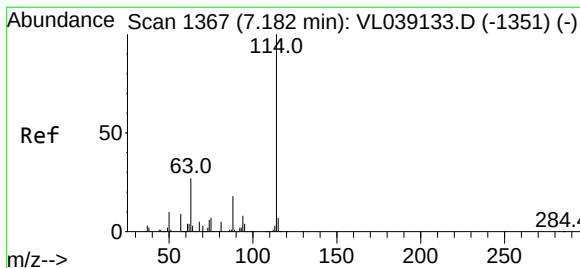


#32
1,1,1-Trichloroethane
Concen: 10.265 ppbv
RT: 6.497 min Scan# 1154
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48



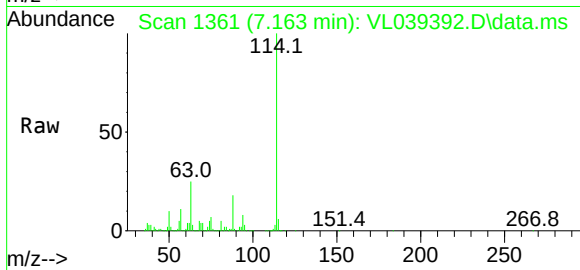
Tgt Ion: 97 Resp: 1914119
Ion Ratio Lower Upper
97 100
99 65.5 52.1 78.1
61 50.9 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 114
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

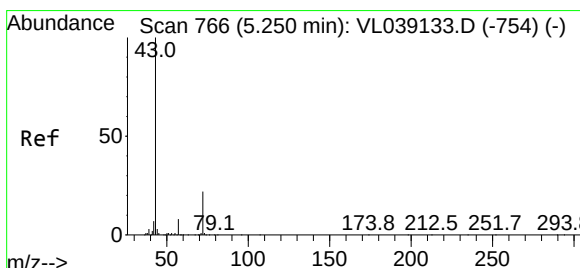
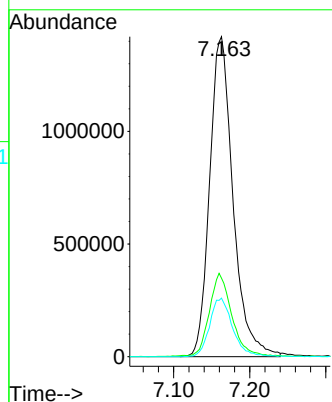
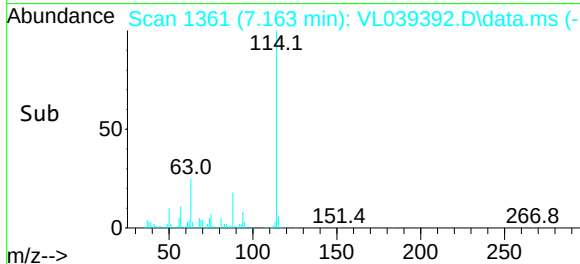
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



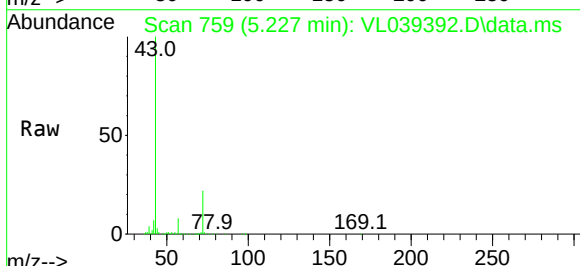
Tgt Ion:114 Resp: 303280
Ion Ratio Lower Upper
114 100
63 25.6 21.7 32.5
88 18.1 14.8 22.2

Manual Integrations
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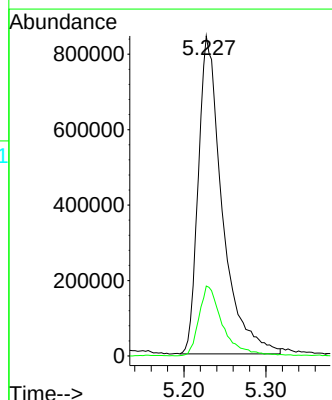
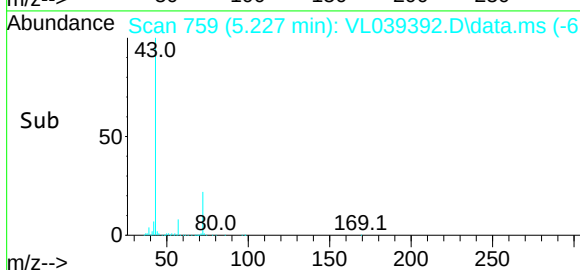
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

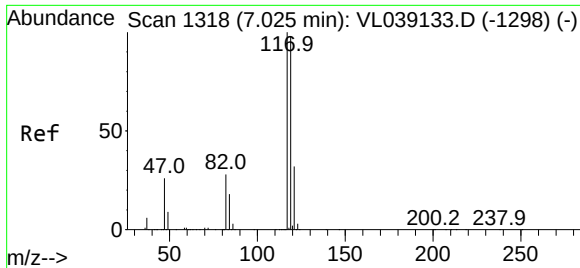


#34
2-Butanone
Concen: 10.367 ppbv
RT: 5.227 min Scan# 759
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48



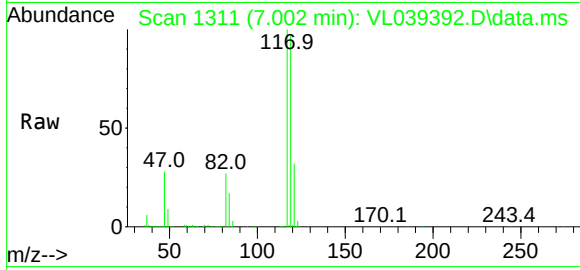
Tgt Ion: 43 Resp: 1708149
Ion Ratio Lower Upper
43 100
72 22.0 18.2 27.2





#35
Carbon Tetrachloride
Concen: 9.080 ppbv
RT: 7.002 min Scan# 11
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

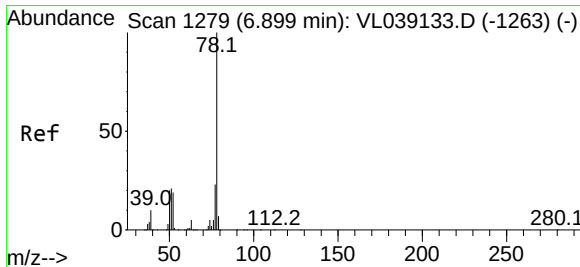
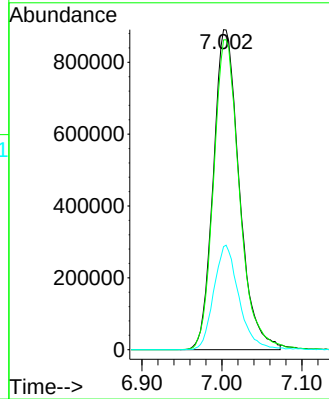
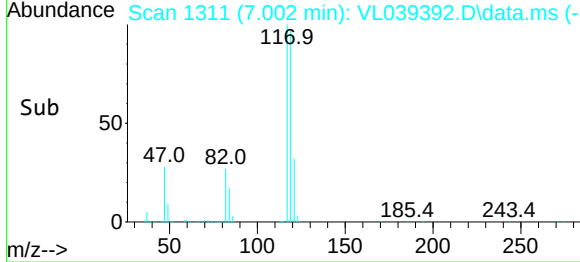
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



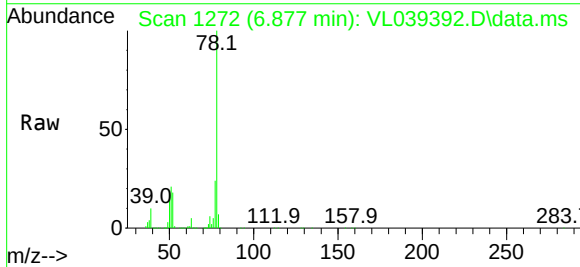
Tgt Ion:117 Resp: 2009898
Ion Ratio Lower Upper
117 100
119 96.7 78.6 118.0
121 32.2 25.4 38.0

Manual Integrations
APPROVED

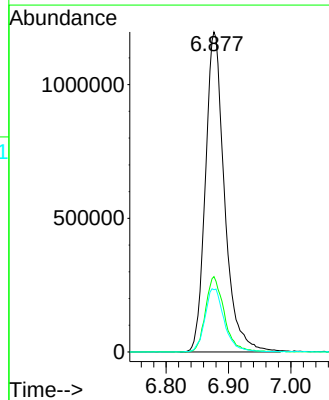
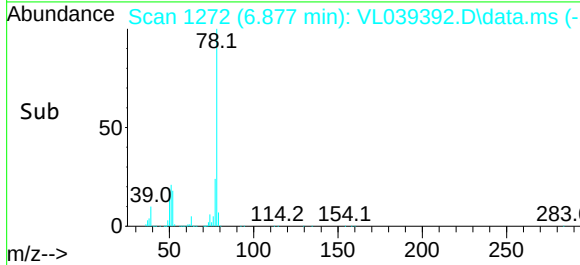
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

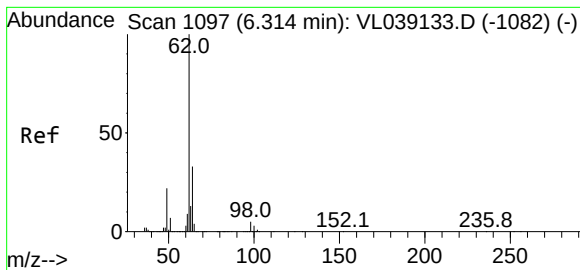


#36
Benzene
Concen: 10.353 ppbv
RT: 6.877 min Scan# 1272
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48



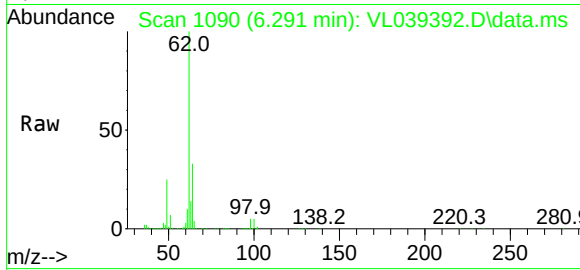
Tgt Ion: 78 Resp: 2549165
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8
50 19.4 15.8 23.8





#37
1,2-Dichloroethane
Concen: 9.040 ppbv
RT: 6.291 min Scan# 1097
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

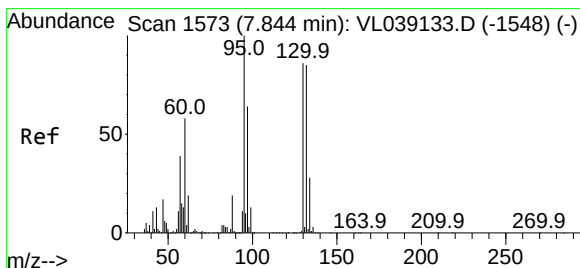
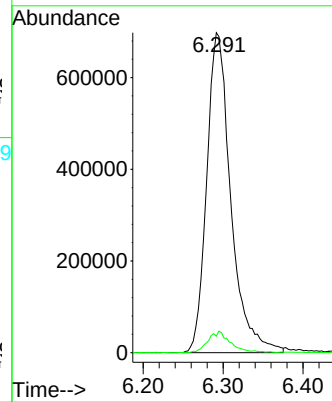
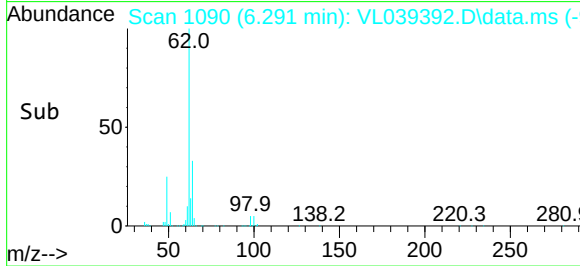
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 146486
Ion Ratio Lower Upper
62 100
98 6.5 4.3 6.5

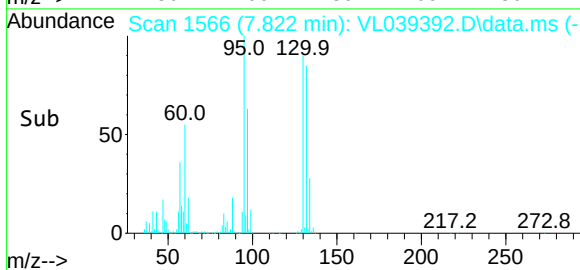
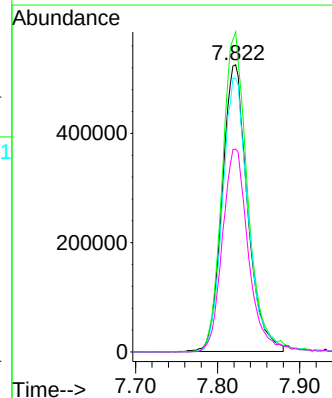
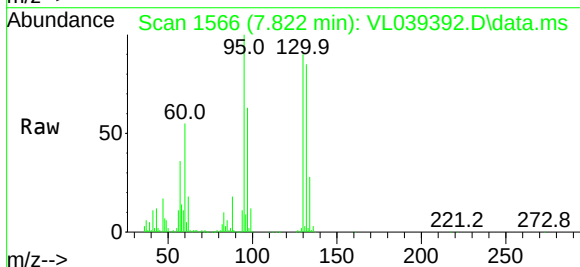
Manual Integrations
APPROVED

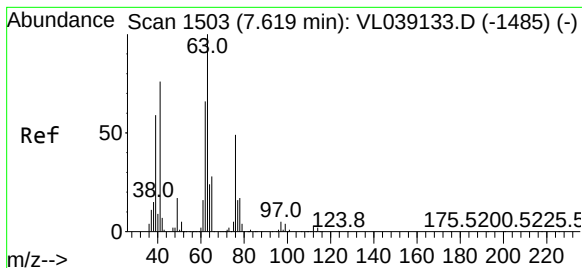
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38
Trichloroethene
Concen: 9.941 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

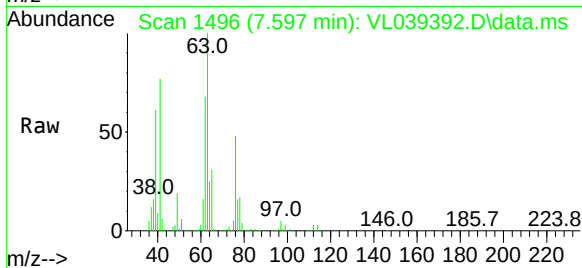
Tgt Ion:130 Resp: 1124295
Ion Ratio Lower Upper
130 100
95 111.5 93.3 139.9
132 95.2 79.0 118.4
97 70.8 59.4 89.2





#39
1,2-Dichloropropane
Concen: 9.829 ppbv
RT: 7.597 min Scan# 1496
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

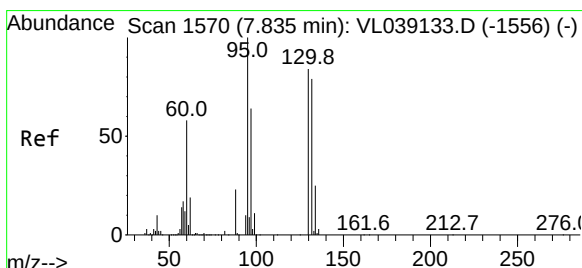
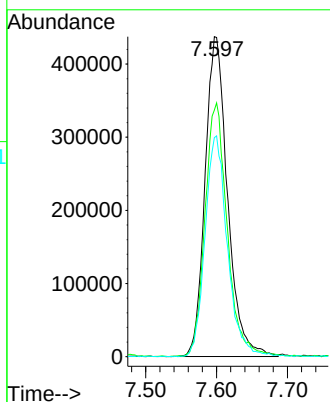
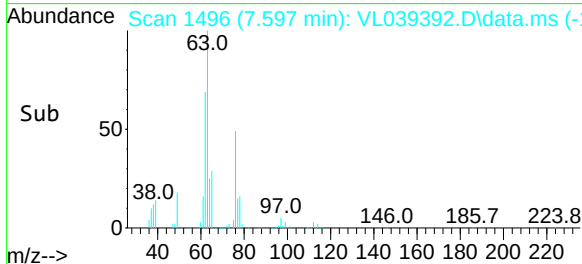
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



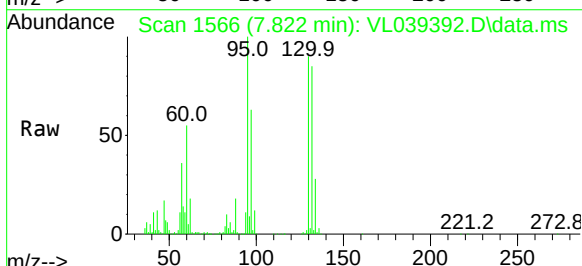
Tgt Ion: 63 Resp: 96264
Ion Ratio Lower Upper
63 100
41 76.7 60.8 91.2
62 68.5 52.9 79.3

Manual Integrations
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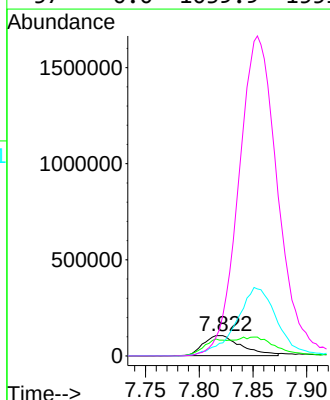
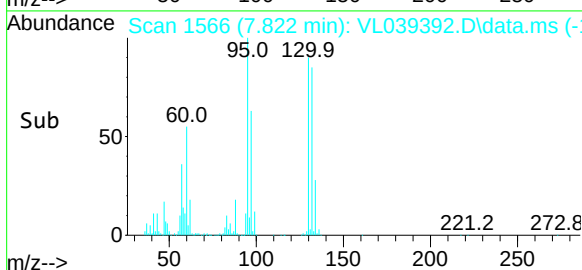
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

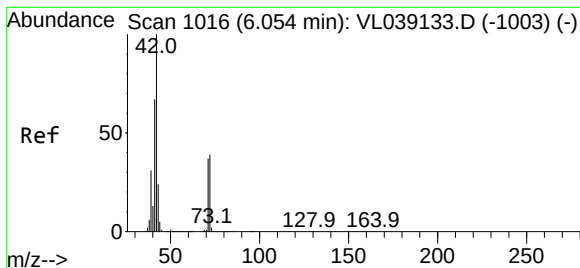


#40
1,4-Dioxane
Concen: 7.935 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. -0.013 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48



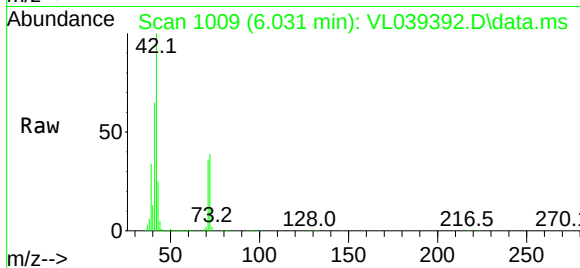
Tgt Ion: 88 Resp: 255840
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 10.002 ppbv
RT: 6.031 min Scan# 1016
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

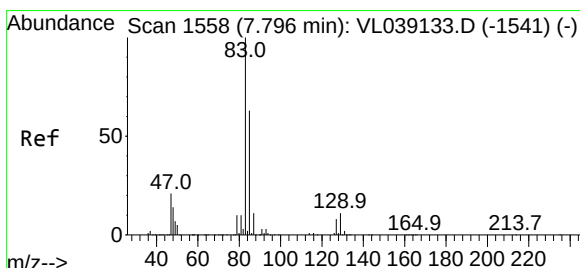
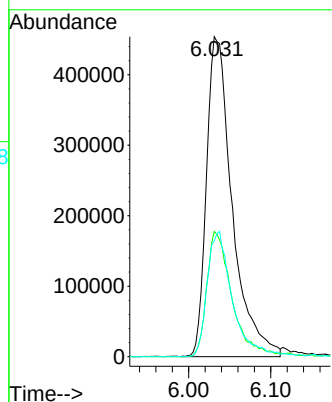
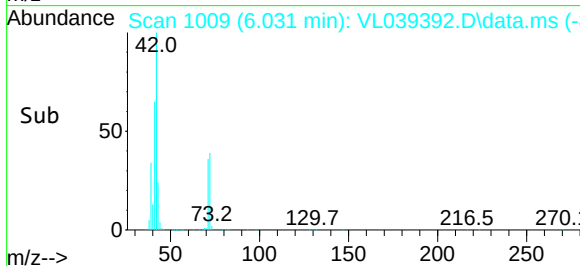
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 99118
Ion Ratio Lower Upper
42 100
72 39.0 32.0 48.0
71 39.0 31.1 46.7

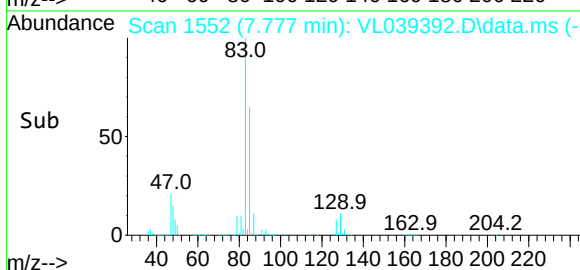
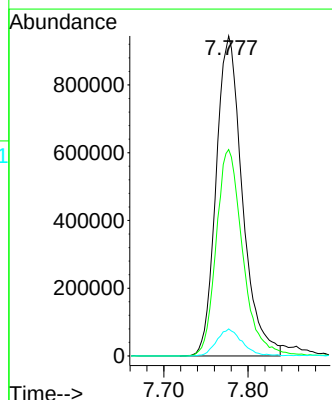
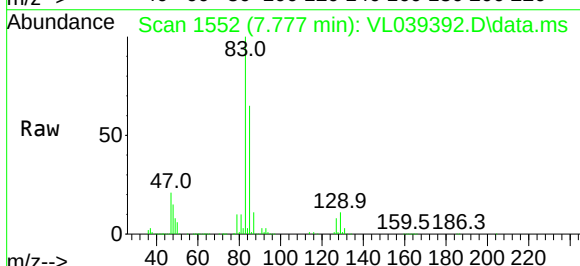
Manual Integrations
APPROVED

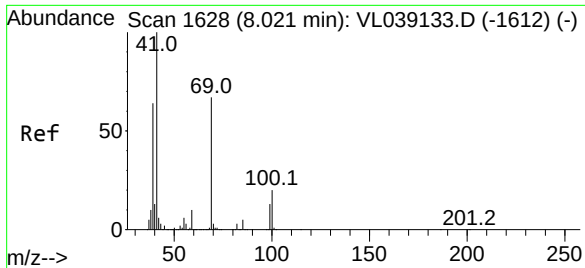
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#42
Bromodichloromethane
Concen: 9.100 ppbv
RT: 7.777 min Scan# 1552
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

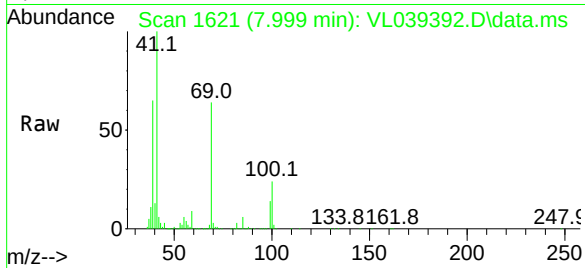
Tgt Ion: 83 Resp: 2046416
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.4
127 8.5 6.6 9.8





#43
Methyl Methacrylate
Concen: 11.223 ppbv
RT: 7.999 min Scan# 1
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

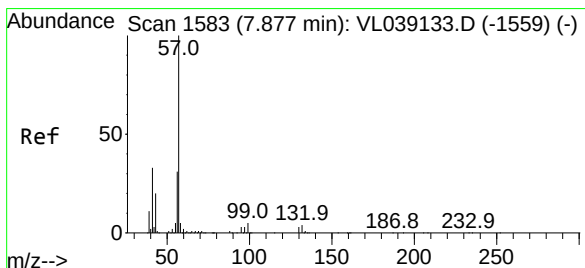
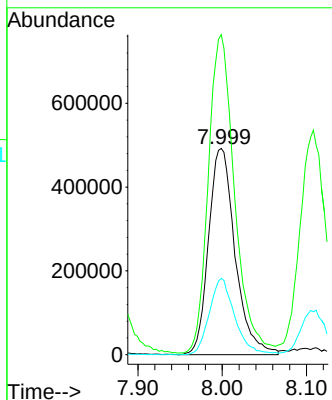
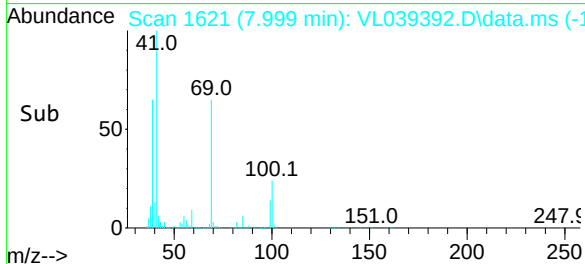
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



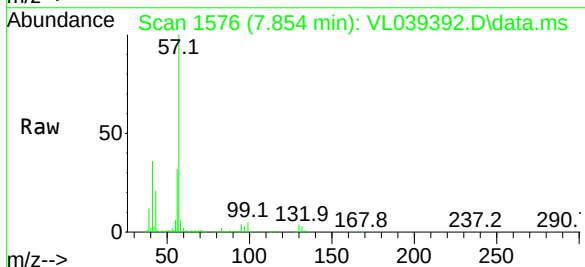
Tgt Ion: 69 Resp: 107640
Ion Ratio Lower Upper
69 100
41 153.8 121.9 182.9
100 35.3 24.1 36.1

Manual Integrations
APPROVED

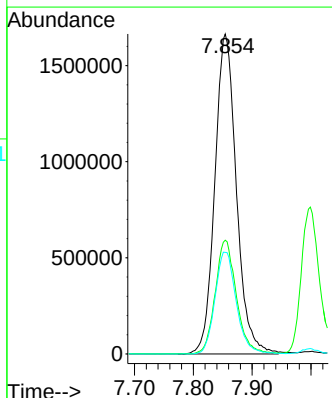
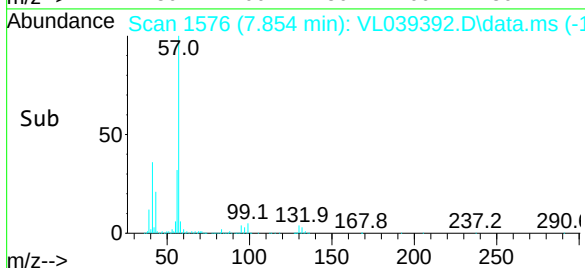
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

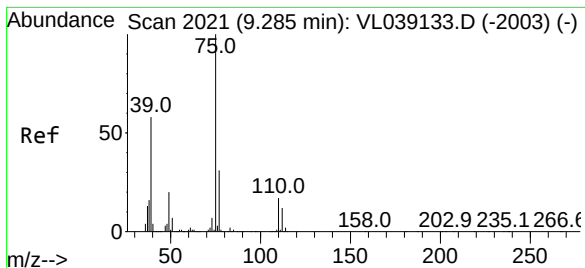


#44
2,2,4-Trimethylpentane
Concen: 9.830 ppbv
RT: 7.854 min Scan# 1576
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48



Tgt Ion: 57 Resp: 4233904
Ion Ratio Lower Upper
57 100
41 34.8 26.2 39.4
56 31.6 24.7 37.1





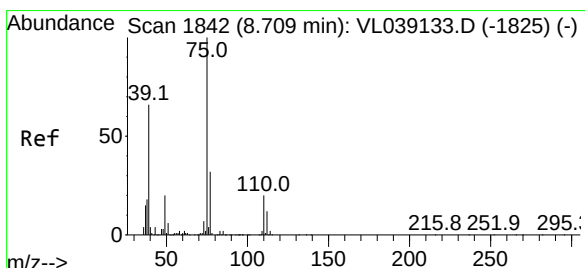
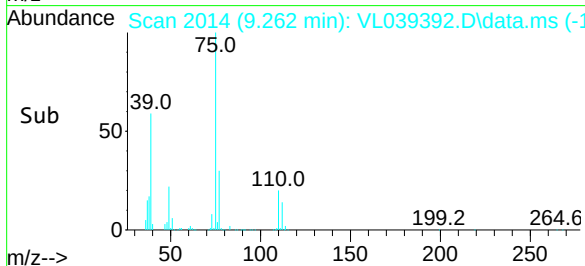
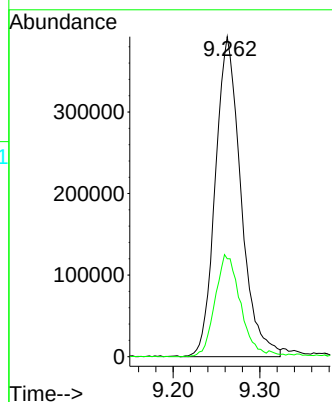
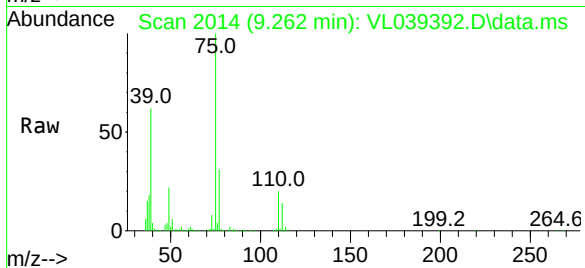
#45
t-1,3-Dichloropropene
Concen: 8.069 ppbv
RT: 9.262 min Scan# 20
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 80596
Ion Ratio Lower Upper
75 100
77 30.6 24.4 36.6

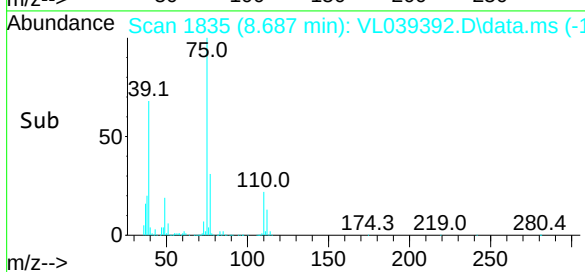
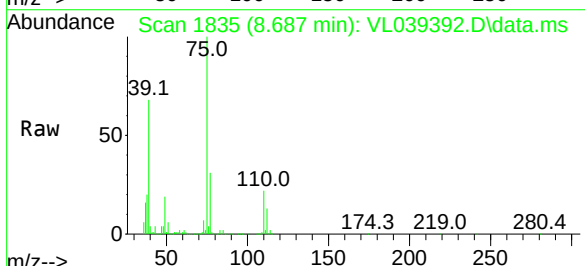
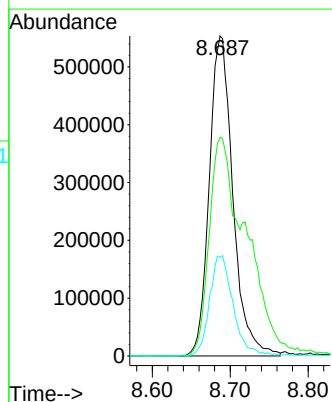
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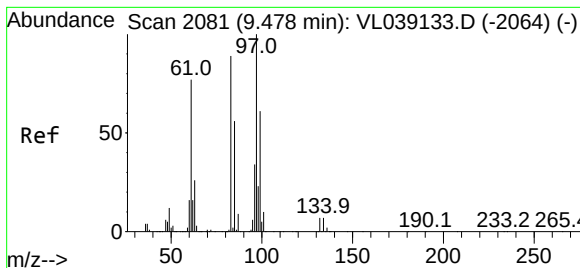
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#46
cis-1,3-Dichloropropene
Concen: 8.817 ppbv
RT: 8.687 min Scan# 1835
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

Tgt Ion: 75 Resp: 1163448
Ion Ratio Lower Upper
75 100
39 68.2 52.4 78.6
77 30.8 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 10.431 ppbv

RT: 9.462 min Scan# 2081

Delta R.T. -0.016 min

Lab File: VL039392.D

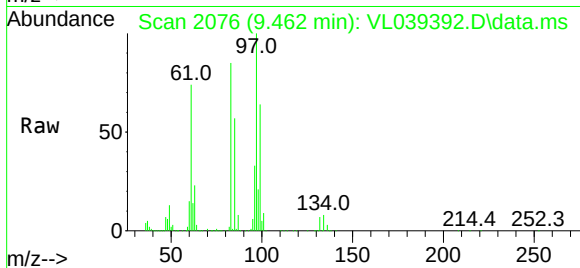
Acq: 28 Jun 2022 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 106581

Ion Ratio Lower Upper

97 100

83 84.6 71.6 107.4

85 57.2 44.8 67.2

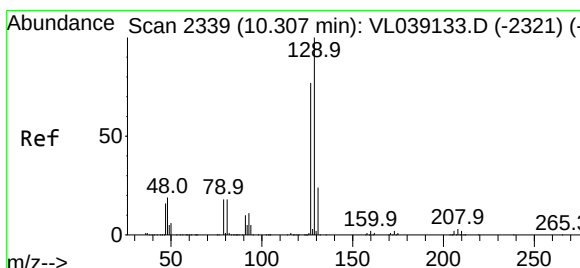
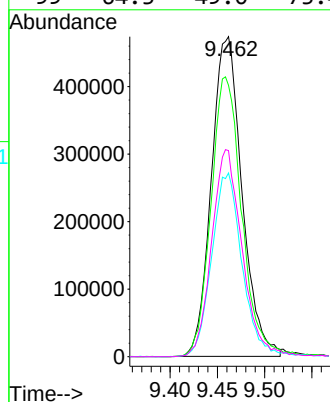
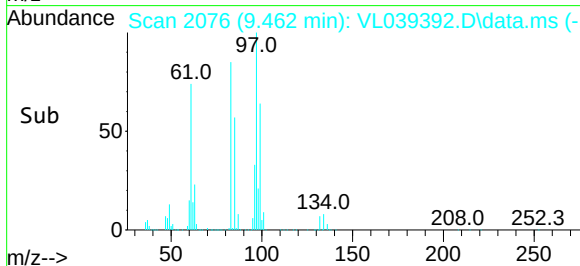
99 64.3 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#48

Dibromochloromethane

Concen: 9.981 ppbv

RT: 10.288 min Scan# 2333

Delta R.T. -0.019 min

Lab File: VL039392.D

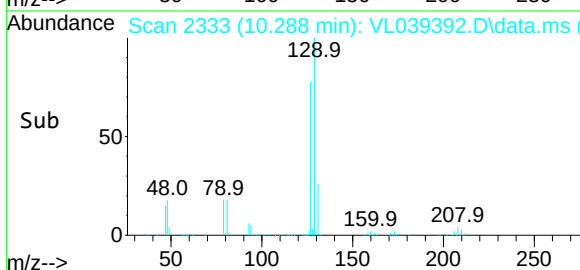
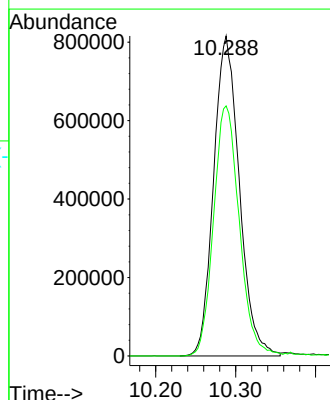
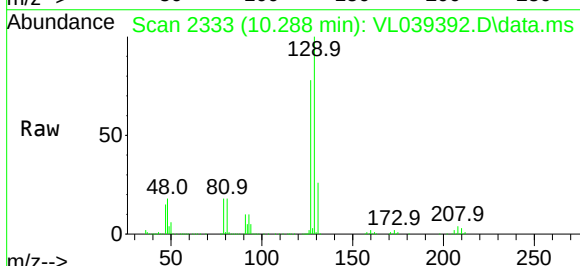
Acq: 28 Jun 2022 13:48

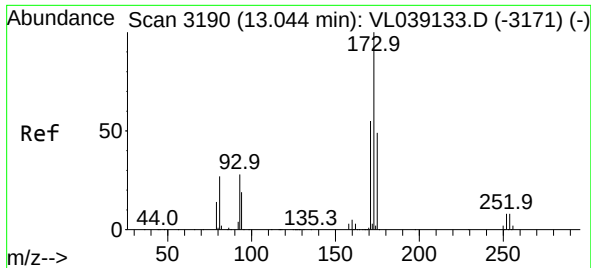
Tgt Ion:129 Resp: 1820926

Ion Ratio Lower Upper

129 100

127 79.1 40.0 119.9





#49

Bromoform

Concen: 9.966 ppbv

RT: 13.021 min Scan# 31

Delta R.T. -0.022 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1515214

Ion Ratio Lower Upper

173 100

175 51.2 40.2 60.2

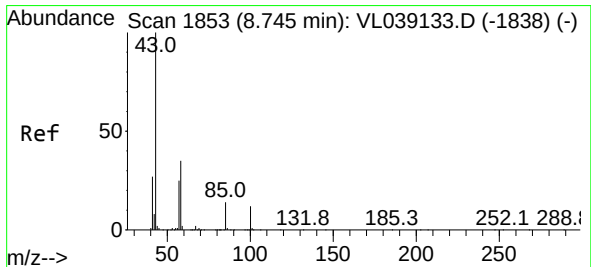
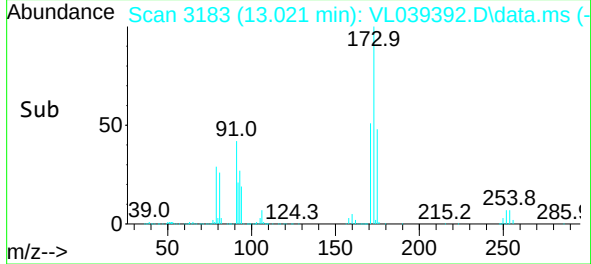
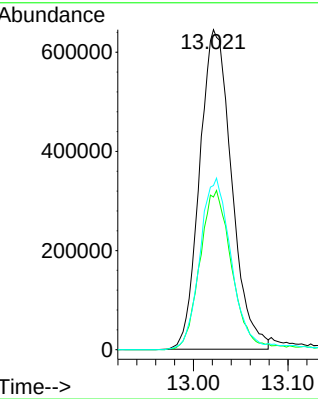
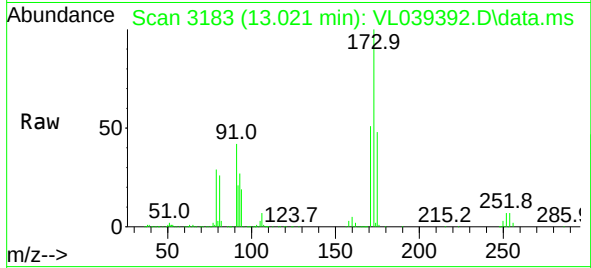
171 54.3 43.9 65.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#50

4-Methyl-2-Pentanone

Concen: 10.714 ppbv

RT: 8.722 min Scan# 1846

Delta R.T. -0.022 min

Lab File: VL039392.D

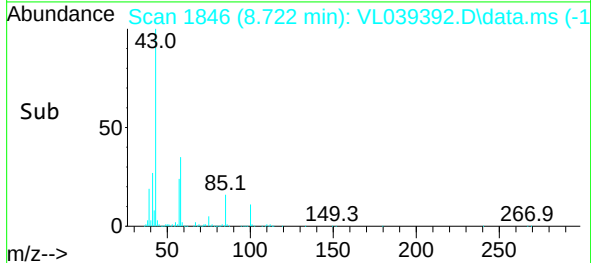
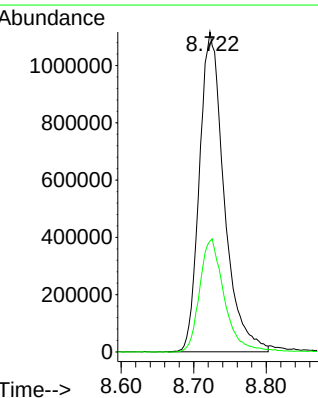
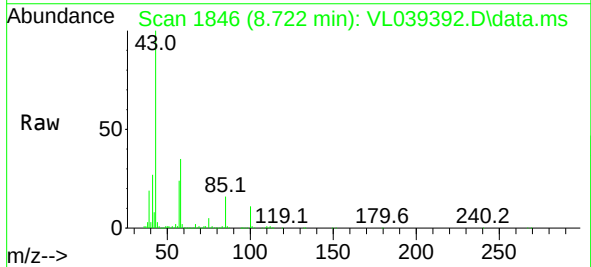
Acq: 28 Jun 2022 13:48

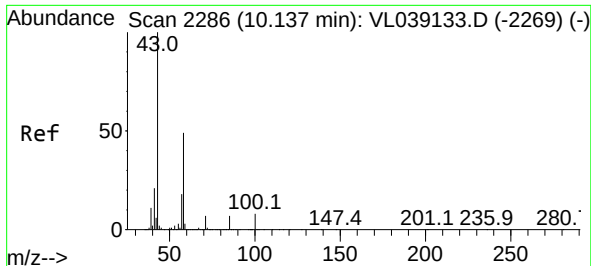
Tgt Ion: 43 Resp: 2642441

Ion Ratio Lower Upper

43 100

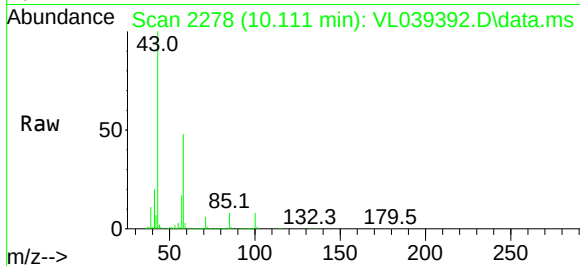
58 35.6 28.7 43.1





#51
2-Hexanone
Concen: 10.475 ppbv
RT: 10.111 min Scan# 210
Delta R.T. -0.026 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

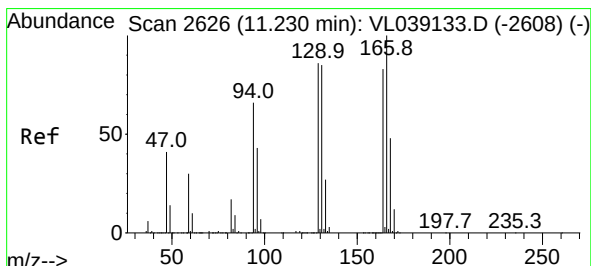
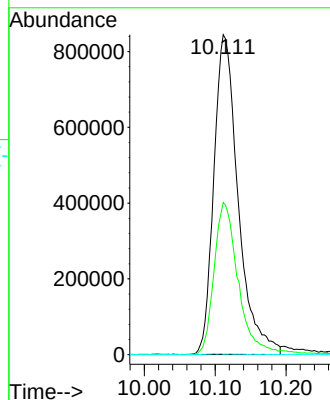
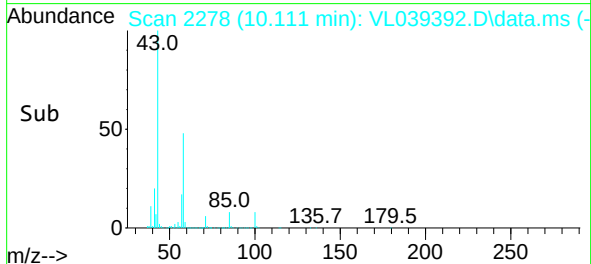
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 201020
Ion Ratio Lower Upper
43 100
58 48.5 40.0 60.0
98 0.4 0.1 0.1

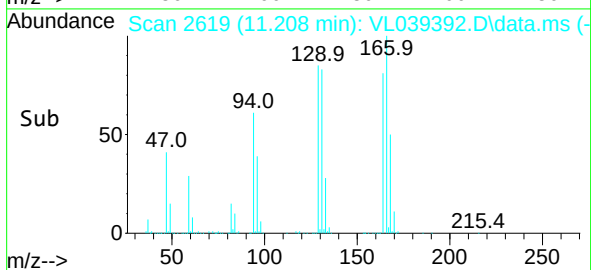
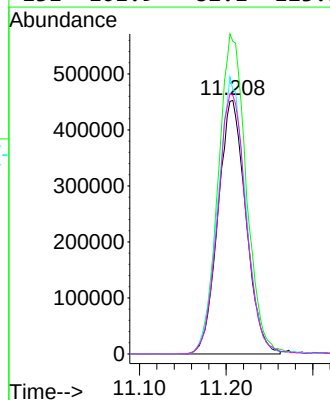
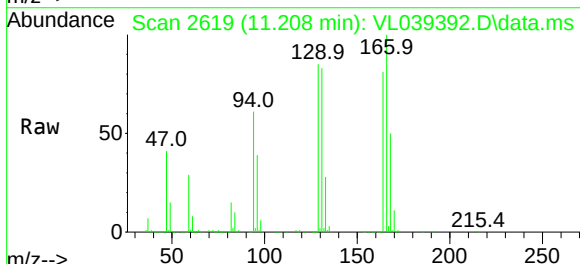
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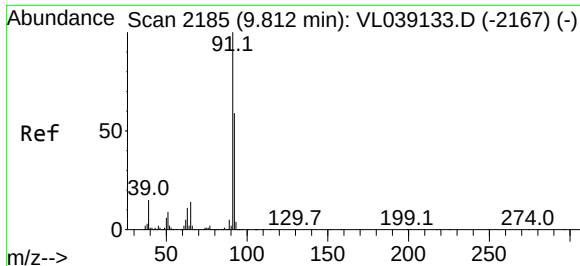
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#52
Tetrachloroethene
Concen: 10.533 ppbv
RT: 11.208 min Scan# 2619
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

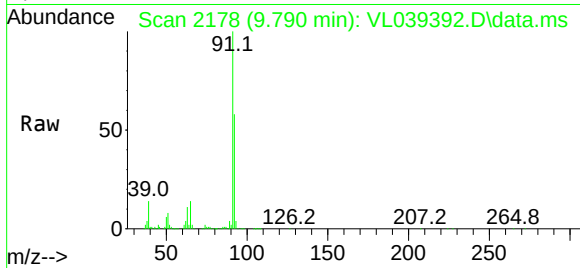
Tgt Ion:164 Resp: 1012537
Ion Ratio Lower Upper
164 100
166 123.2 96.3 144.5
129 104.2 82.5 123.7
131 101.9 82.1 123.1





#53
Toluene
Concen: 10.879 ppbv
RT: 9.790 min Scan# 2185
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

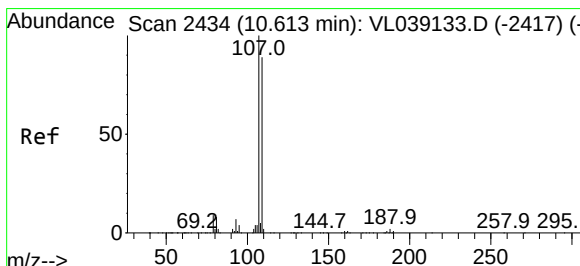
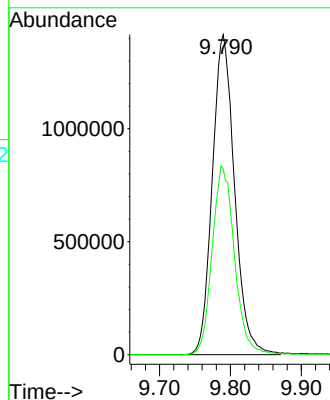
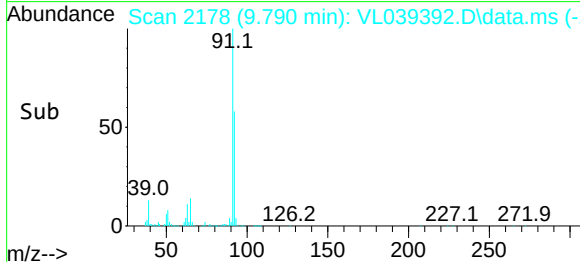
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 308450
Ion Ratio Lower Upper
91 100
92 59.5 48.1 72.1

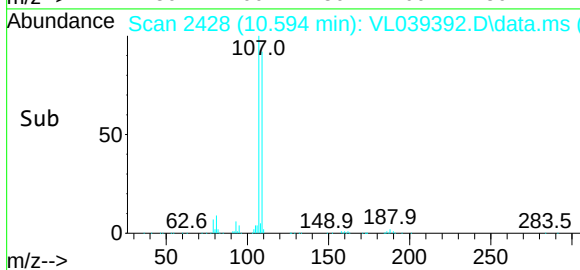
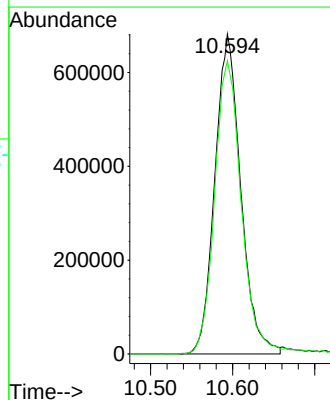
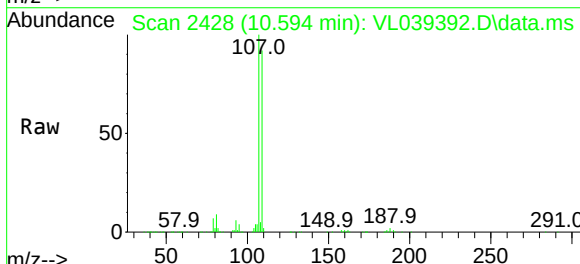
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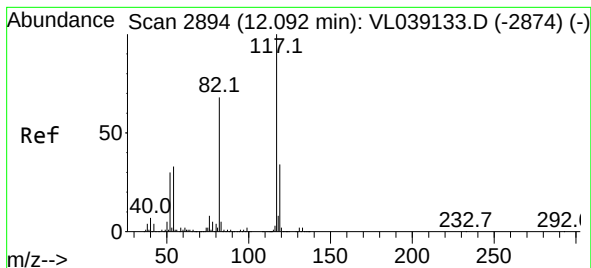
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#54
1,2-Dibromoethane
Concen: 10.898 ppbv
RT: 10.594 min Scan# 2428
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

Tgt Ion:107 Resp: 1496314
Ion Ratio Lower Upper
107 100
109 91.6 71.4 107.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.069 min Scan# 2887

Delta R.T. -0.022 min

Lab File: VL039392.D

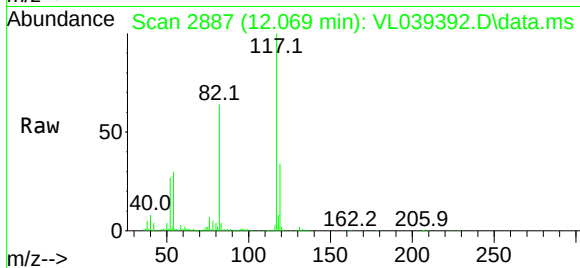
Acq: 28 Jun 2022 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:117 Resp: 279455

Ion Ratio Lower Upper

117 100

82 67.1 55.1 82.7

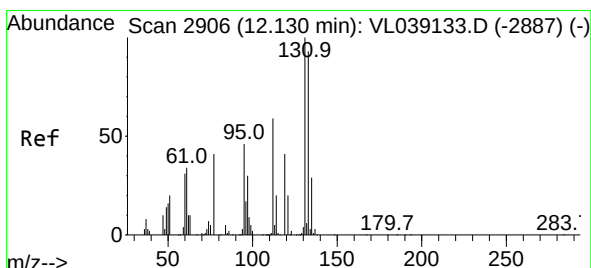
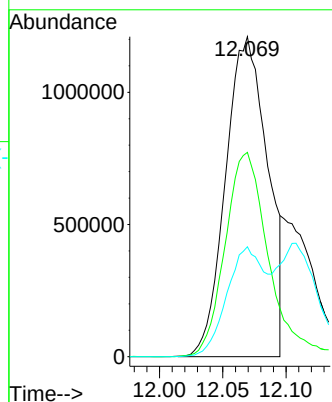
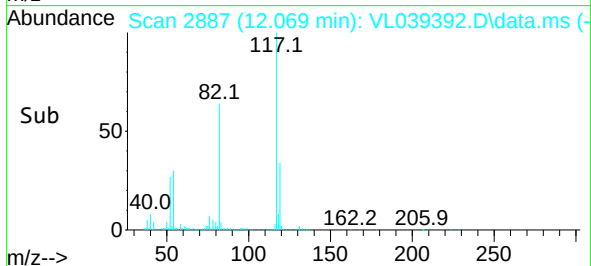
119 28.0 24.7 37.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.881 ppbv

RT: 12.111 min Scan# 2900

Delta R.T. -0.019 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

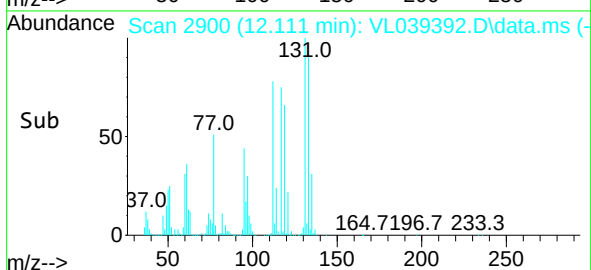
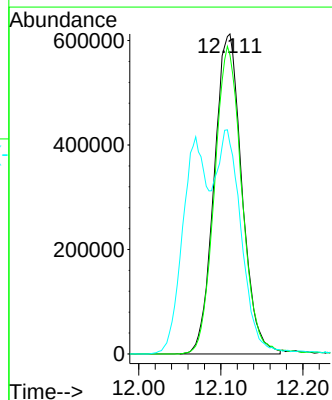
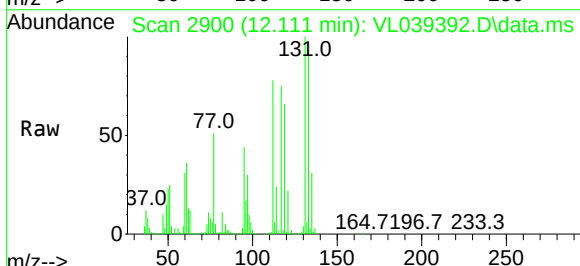
Tgt Ion:131 Resp: 1438836

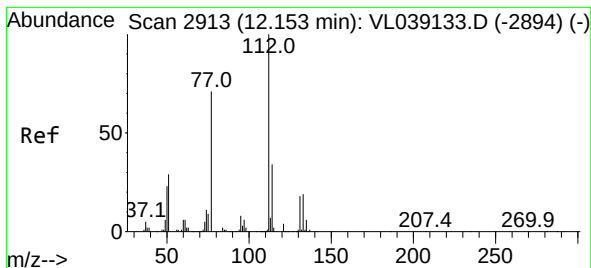
Ion Ratio Lower Upper

131 100

133 95.3 78.6 117.8

119 73.2 51.7 77.5





#57

Chlorobenzene

Concen: 11.241 ppbv

RT: 12.127 min Scan# 2913

Delta R.T. -0.026 min

Lab File: VL039392.D

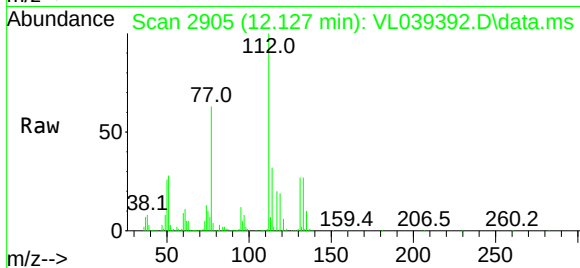
Acq: 28 Jun 2022 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:112 Resp: 2363718

Ion Ratio Lower Upper

112 100

77 62.1 56.5 84.7

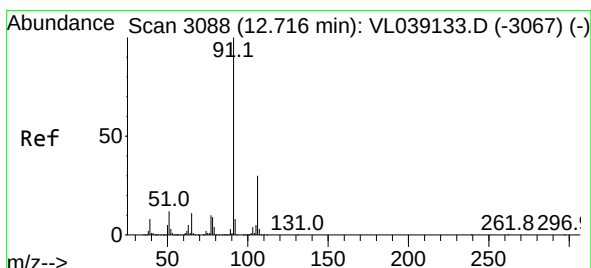
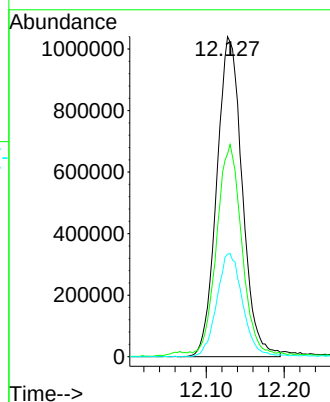
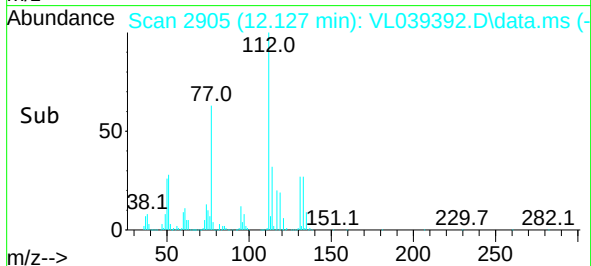
114 32.0 30.3 37.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#58

Ethyl Benzene

Concen: 10.914 ppbv

RT: 12.693 min Scan# 3081

Delta R.T. -0.022 min

Lab File: VL039392.D

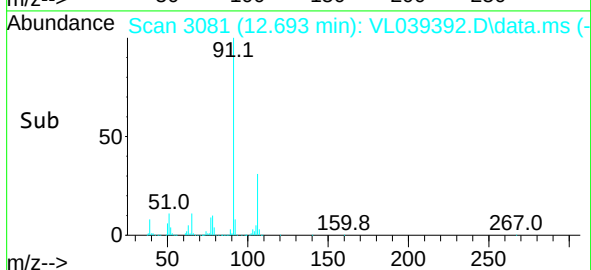
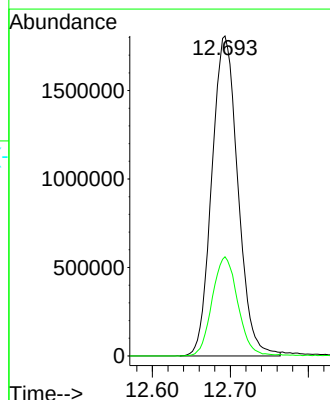
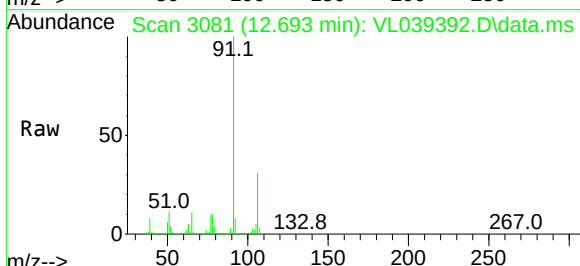
Acq: 28 Jun 2022 13:48

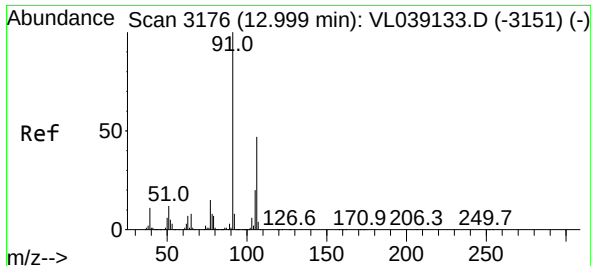
Tgt Ion: 91 Resp: 4201076

Ion Ratio Lower Upper

91 100

106 31.0 24.2 36.4





#59

m/p-Xylene

Concen: 21.363 ppbv m

RT: 12.979 min Scan# 3176

Delta R.T. -0.019 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 7241690

Ion Ratio Lower Upper

91 100

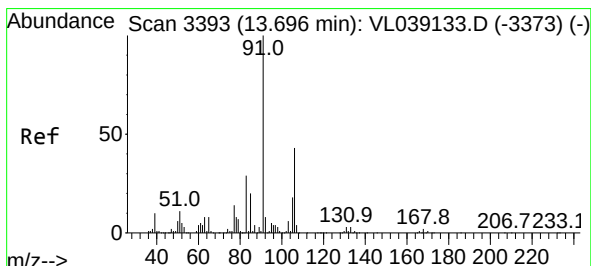
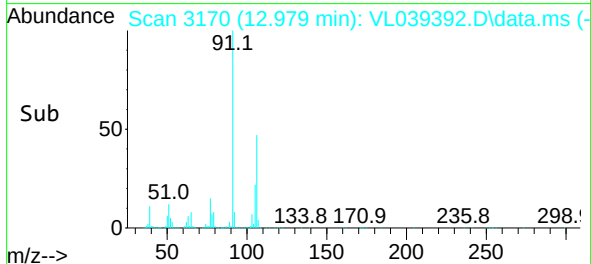
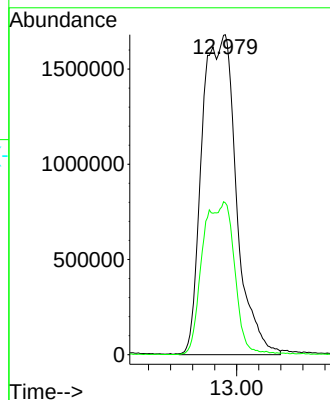
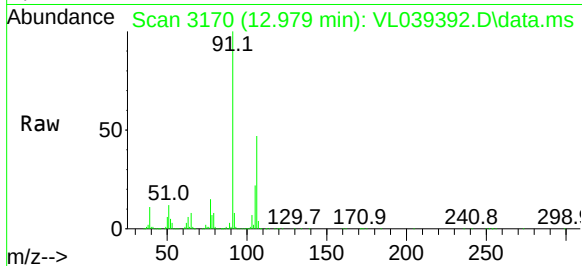
106 44.6 34.3 51.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#60

o-Xylene

Concen: 10.930 ppbv

RT: 13.674 min Scan# 3386

Delta R.T. -0.022 min

Lab File: VL039392.D

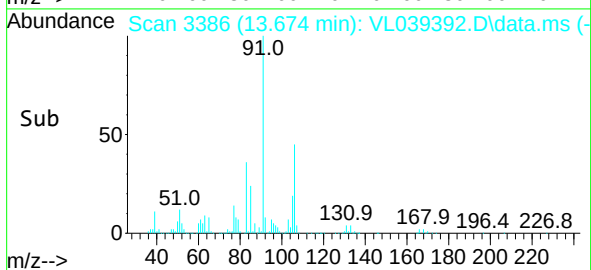
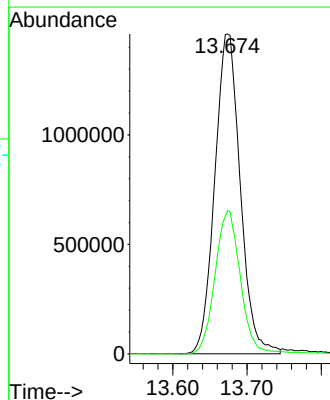
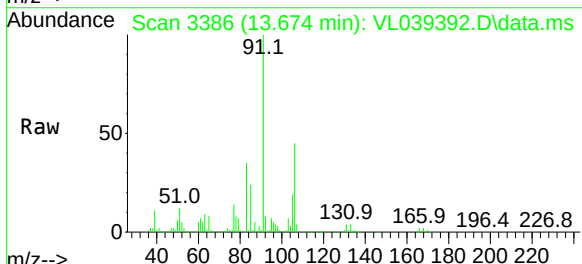
Acq: 28 Jun 2022 13:48

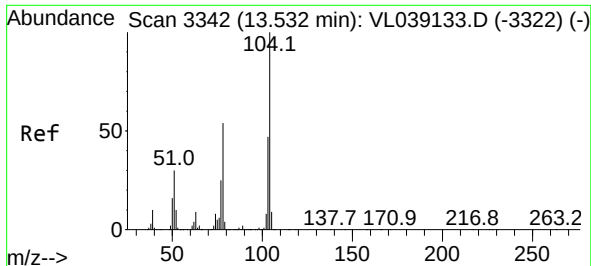
Tgt Ion: 91 Resp: 3481583

Ion Ratio Lower Upper

91 100

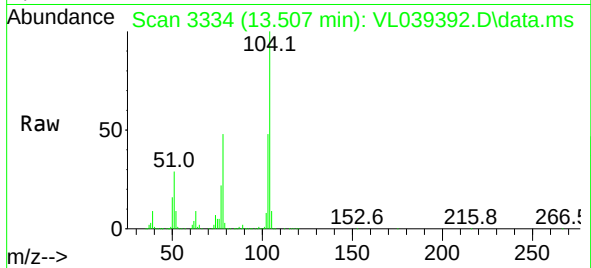
106 45.2 22.3 66.9





#61
Styrene
Concen: 11.629 ppbv
RT: 13.507 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

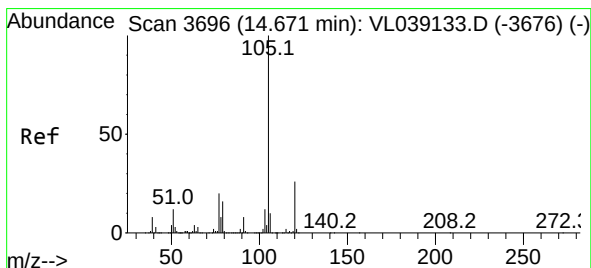
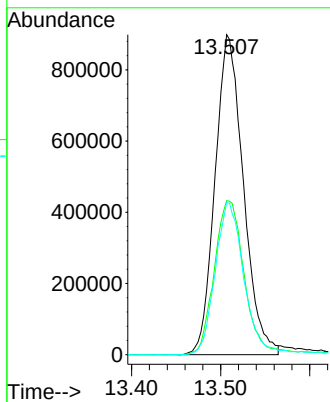
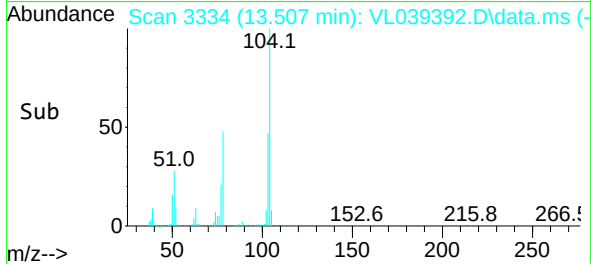
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



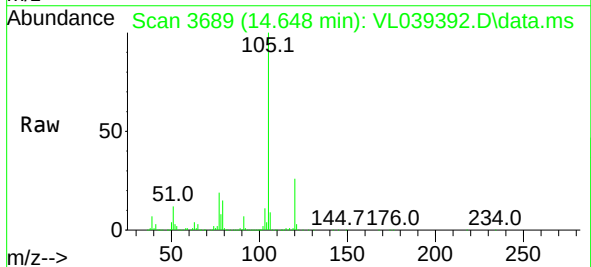
Tgt Ion:104 Resp: 198362
Ion Ratio Lower Upper
104 100
78 51.6 45.7 68.5
103 49.0 39.6 59.4

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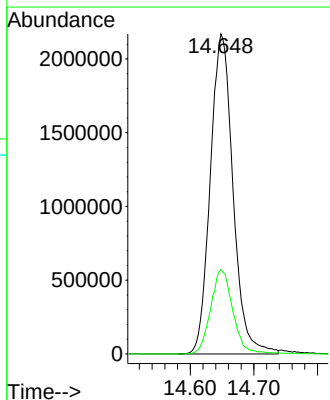
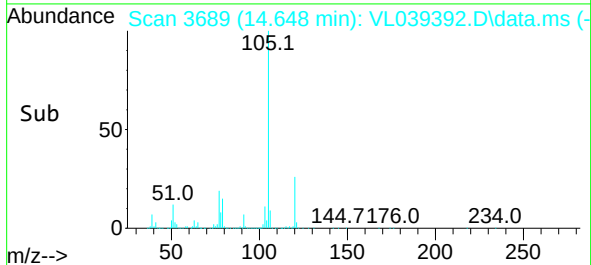
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

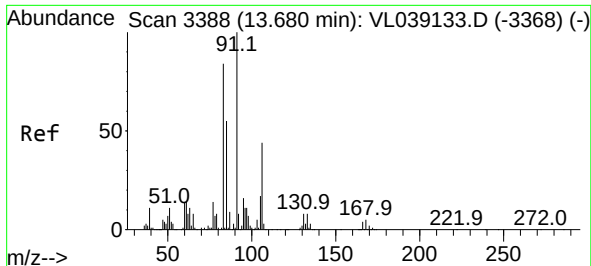


#62
Isopropylbenzene
Concen: 11.366 ppbv
RT: 14.648 min Scan# 3689
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48



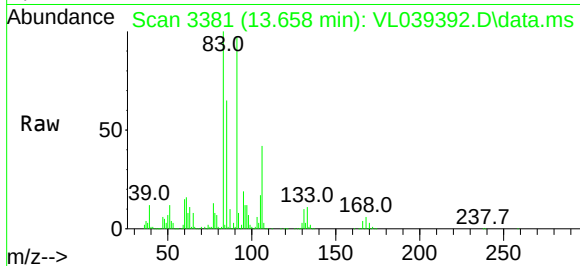
Tgt Ion:105 Resp: 5381038
Ion Ratio Lower Upper
105 100
120 25.9 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 12.237 ppbv
RT: 13.658 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

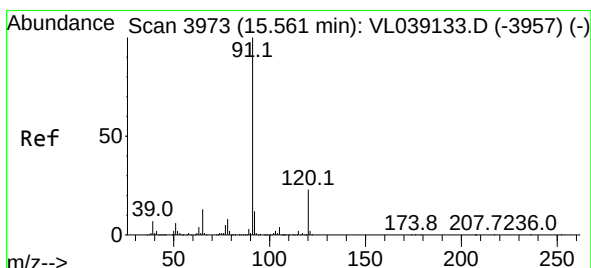
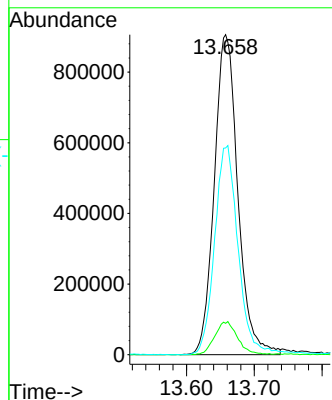
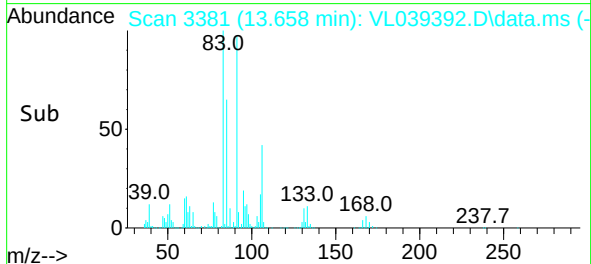
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 218791
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 65.7 33.0 99.0

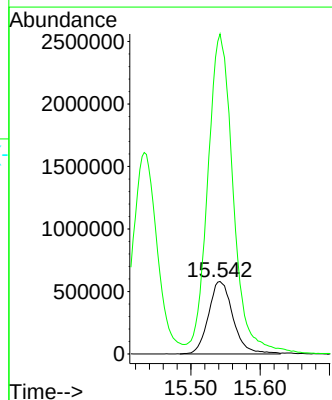
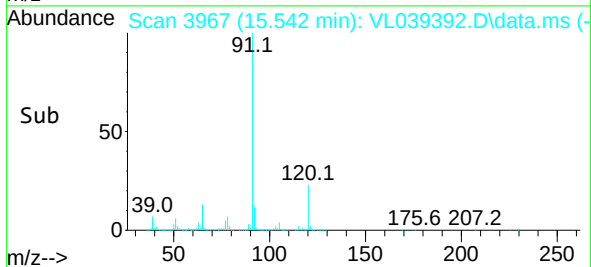
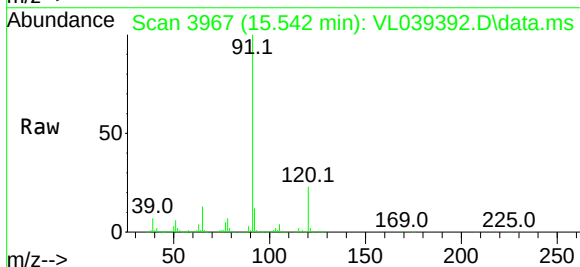
Manual Integrations
APPROVED

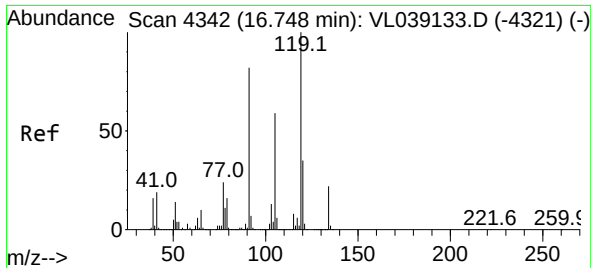
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#64
n-propylbenzene
Concen: 12.244 ppbv
RT: 15.542 min Scan# 3967
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

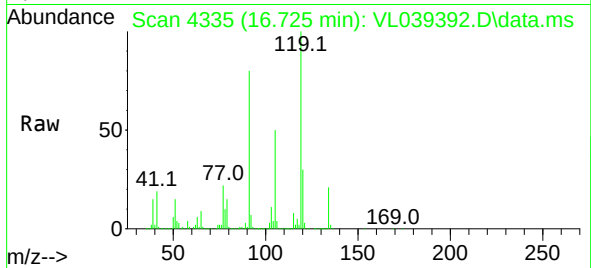
Tgt Ion:120 Resp: 1424938
Ion Ratio Lower Upper
120 100
91 460.7 388.4 582.6





#65
tert-Butylbenzene
Concen: 11.263 ppbv
RT: 16.725 min Scan# 411
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

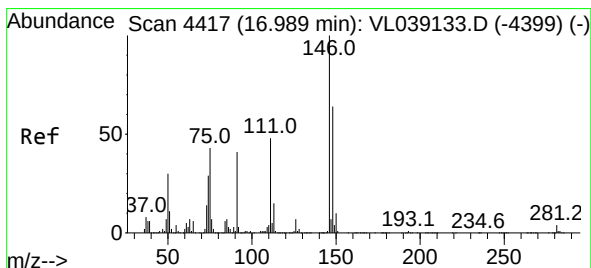
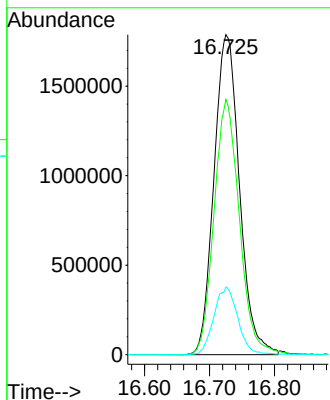
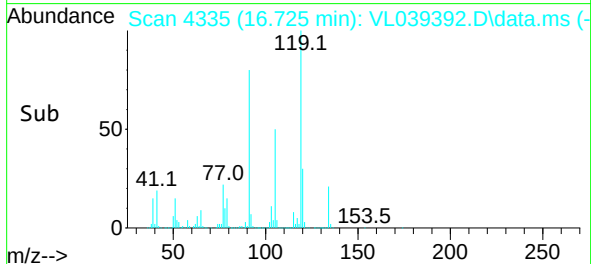
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



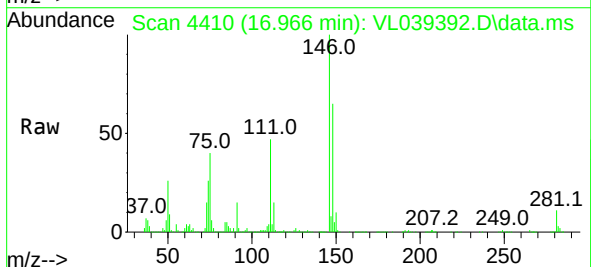
Tgt Ion: 119 Resp: 487570
Ion Ratio Lower Upper
119 100
91 79.2 67.1 100.7
134 19.9 15.8 23.8

Manual Integrations
APPROVED

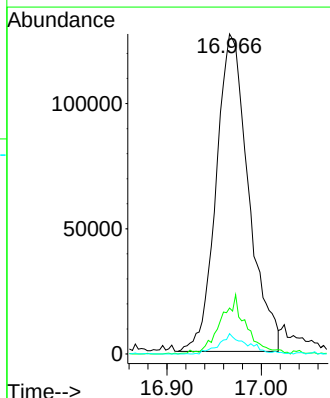
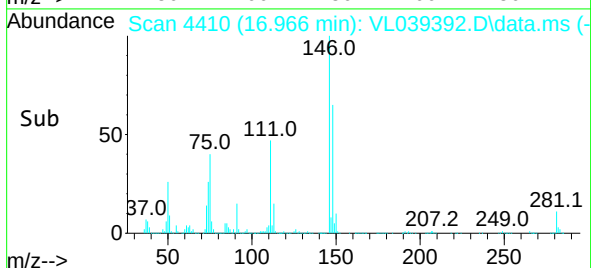
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

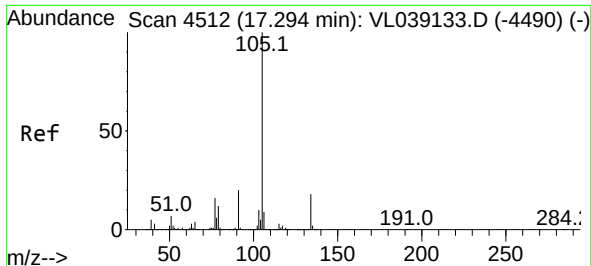


#66
Benzyl Chloride
Concen: 5.356 ppbv
RT: 16.966 min Scan# 4410
Delta R.T. -0.022 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48



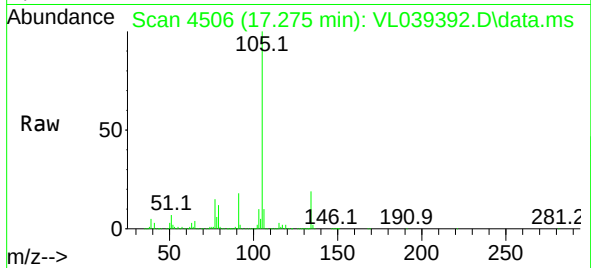
Tgt Ion: 91 Resp: 301468
Ion Ratio Lower Upper
91 100
126 15.5 13.4 20.0
128 5.5 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 11.443 ppbv
 RT: 17.275 min Scan# 4506
 Delta R.T. -0.019 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

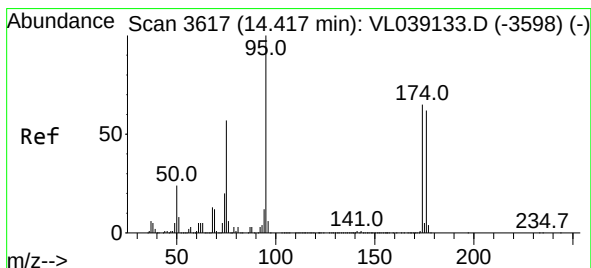
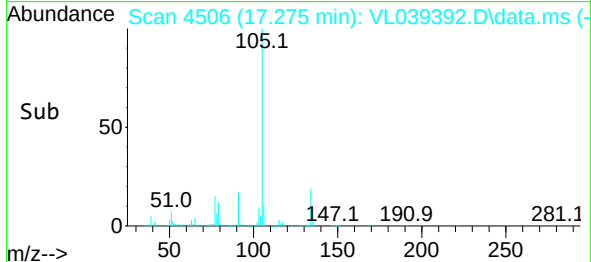
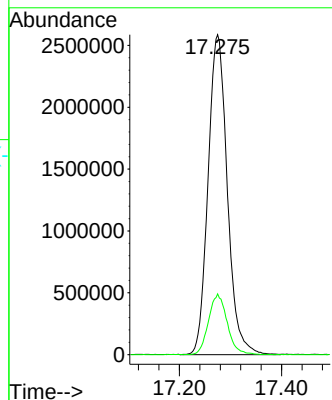
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 105 Resp: 675906
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.4 21.6

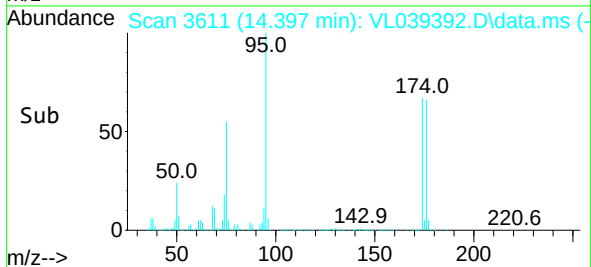
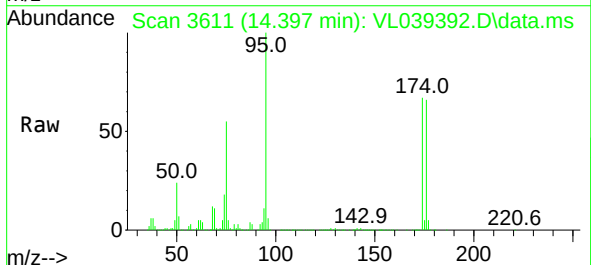
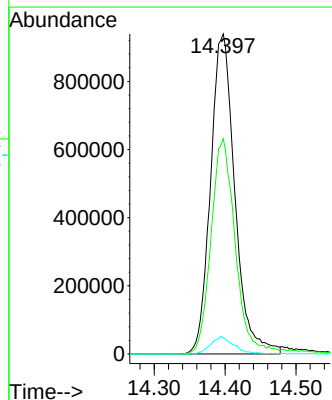
Manual Integrations
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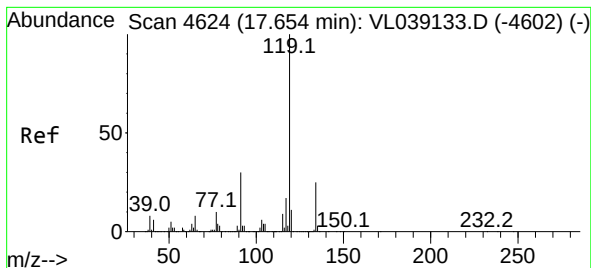
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.686 ppbv
 RT: 14.397 min Scan# 3611
 Delta R.T. -0.019 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

Tgt Ion: 95 Resp: 2237713
 Ion Ratio Lower Upper
 95 100
 174 68.6 53.8 80.8
 175 5.3 4.1 6.1





#69

p-Isopropyltoluene

Concen: 11.725 ppbv

RT: 17.632 min Scan# 4617

Delta R.T. -0.022 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 5843068

Ion Ratio Lower Upper

119 100

134 25.1 20.4 30.6

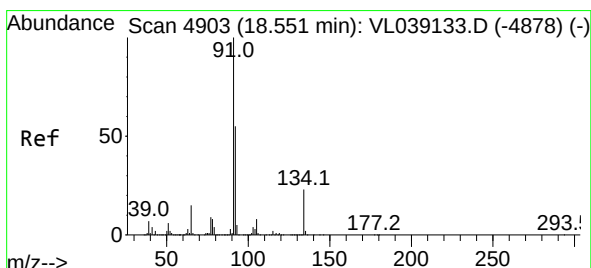
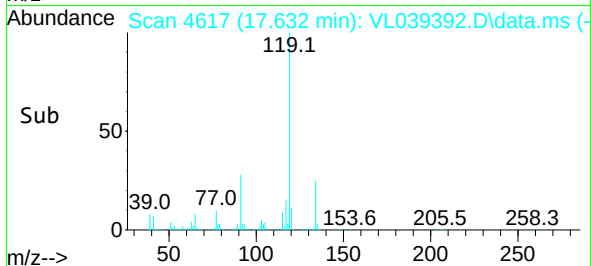
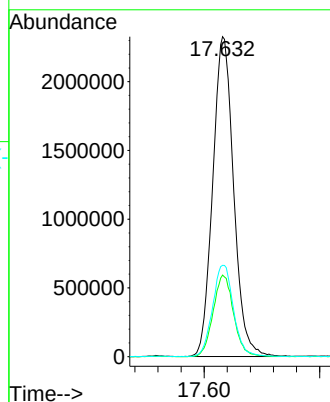
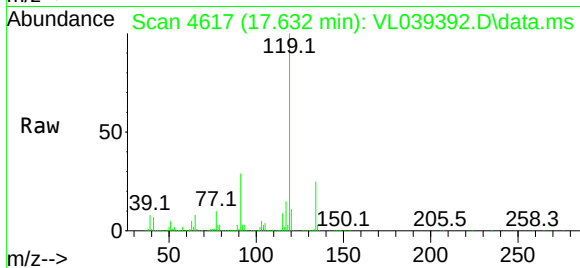
91 28.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#70

n-Butylbenzene

Concen: 11.301 ppbv

RT: 18.529 min Scan# 4896

Delta R.T. -0.022 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

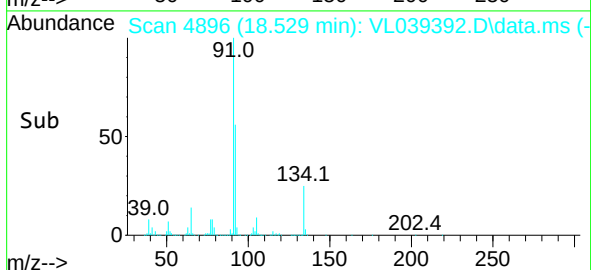
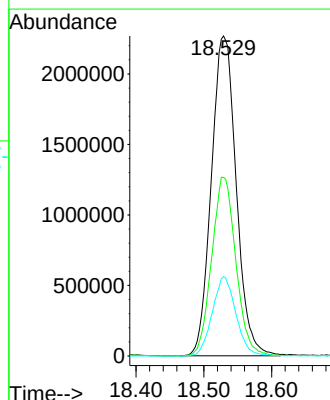
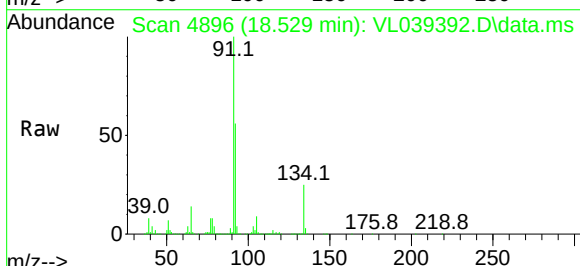
Tgt Ion: 91 Resp: 5780667

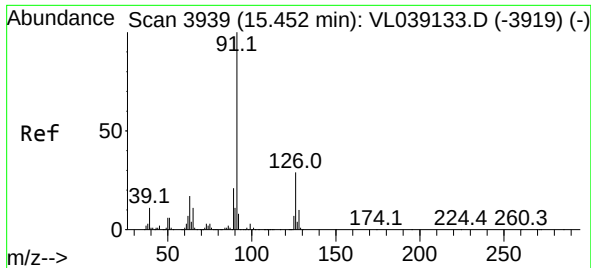
Ion Ratio Lower Upper

91 100

92 54.5 43.6 65.4

134 23.7 17.7 26.5





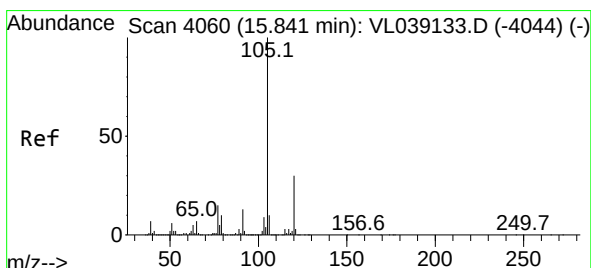
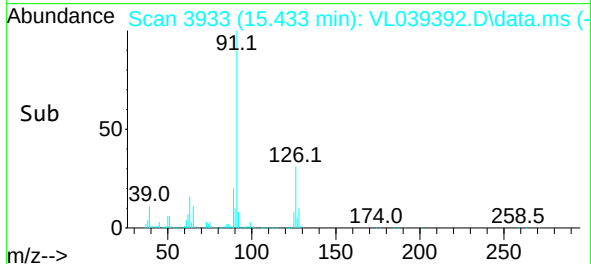
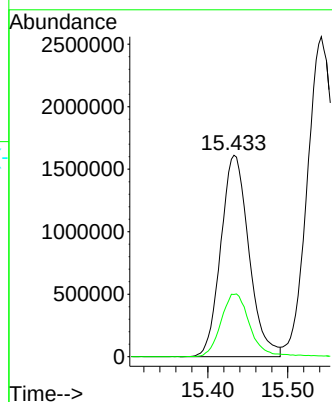
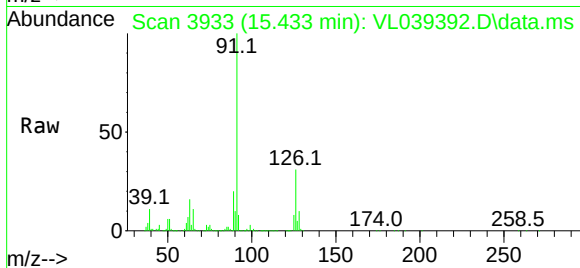
#71
2-Chlorotoluene
Concen: 10.896 ppbv
RT: 15.433 min Scan# 3933
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 393384
Ion Ratio Lower Upper
91 100
126 32.6 12.2 48.6

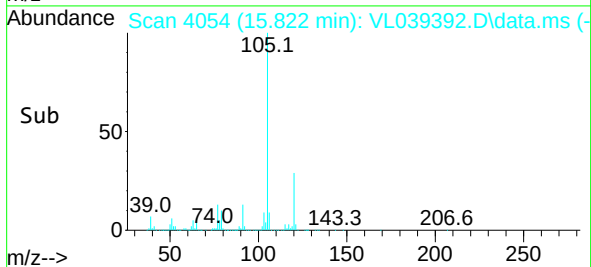
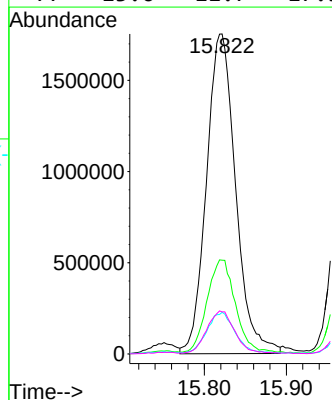
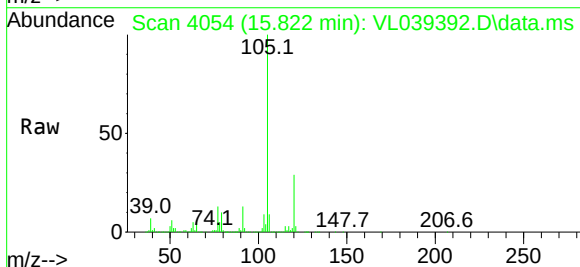
Manual Integrations
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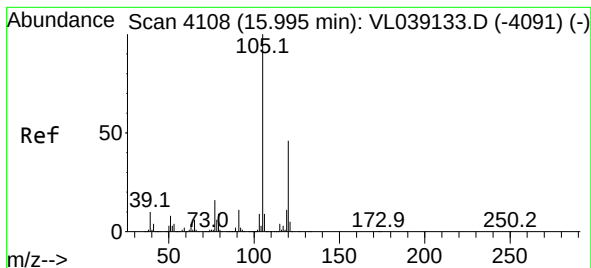
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#72
4-Ethyltoluene
Concen: 11.598 ppbv
RT: 15.822 min Scan# 4054
Delta R.T. -0.019 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

Tgt Ion:105 Resp: 4329719
Ion Ratio Lower Upper
105 100
120 29.5 23.9 35.9
91 12.2 10.6 16.0
77 13.6 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 11.699 ppbv

RT: 15.976 min Scan# 4108

Delta R.T. -0.019 min

Lab File: VL039392.D

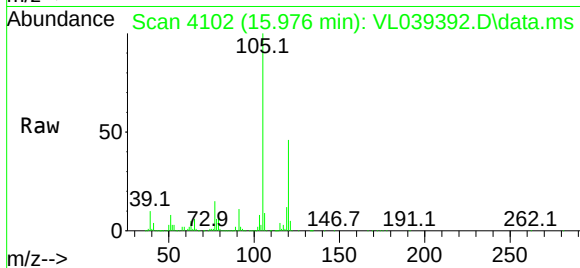
Acq: 28 Jun 2022 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:105 Resp: 393901

Ion Ratio Lower Upper

105 100

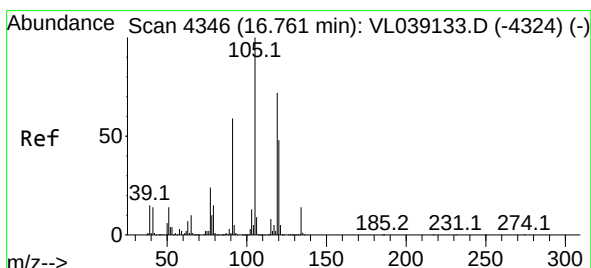
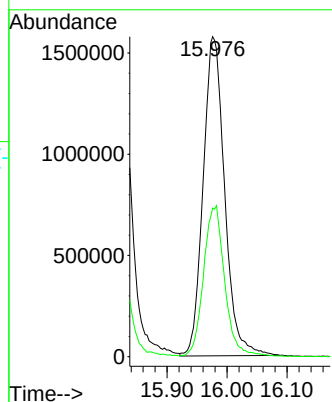
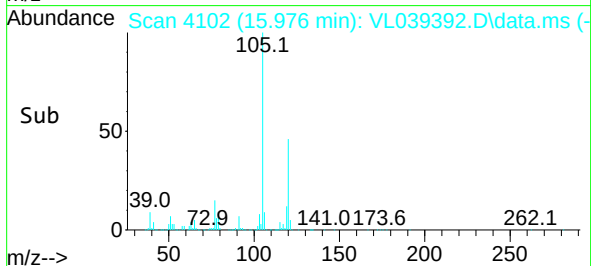
120 46.4 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#74

1,2,4-Trimethylbenzene

Concen: 11.208 ppbv

RT: 16.744 min Scan# 4341

Delta R.T. -0.016 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

Tgt Ion:105 Resp: 4211363

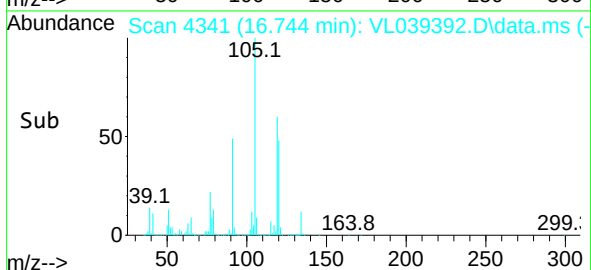
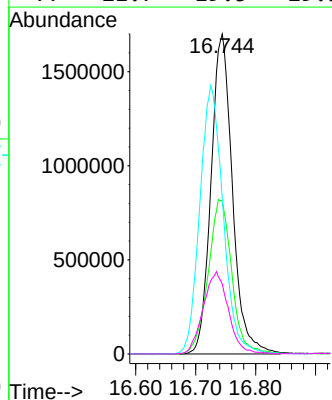
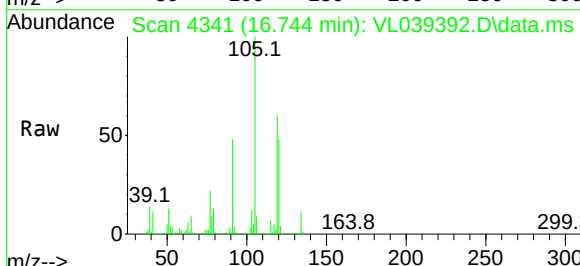
Ion Ratio Lower Upper

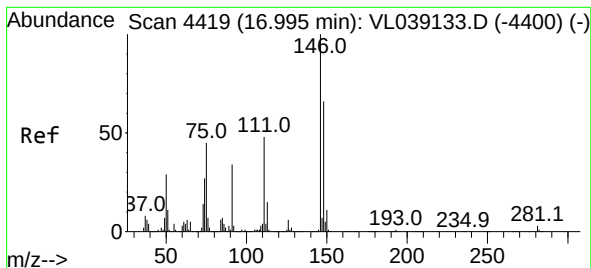
105 100

120 47.8 38.1 57.1

91 48.3 47.4 71.0

77 21.7 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 11.658 ppbv

RT: 16.976 min Scan# 4419

Delta R.T. -0.019 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 2479514

Ion Ratio Lower Upper

146 100

111 46.2 23.8 71.4

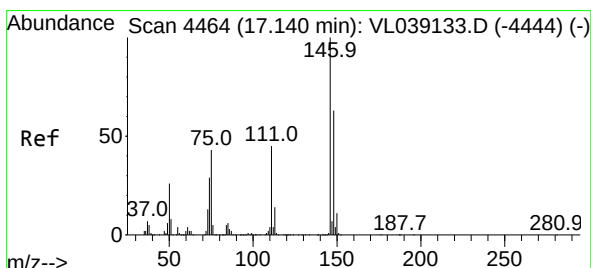
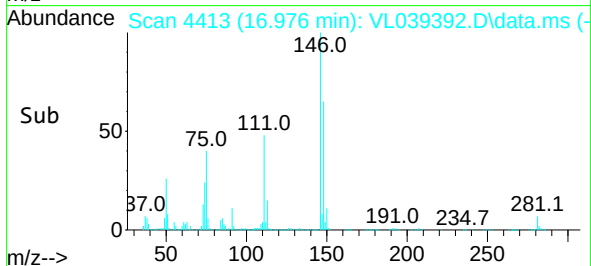
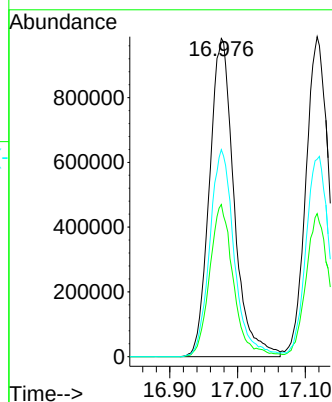
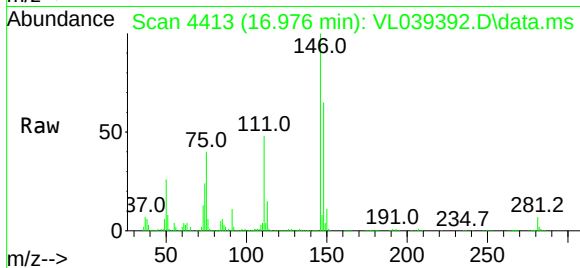
148 65.2 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#76

1,4-Dichlorobenzene

Concen: 11.629 ppbv

RT: 17.117 min Scan# 4457

Delta R.T. -0.022 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

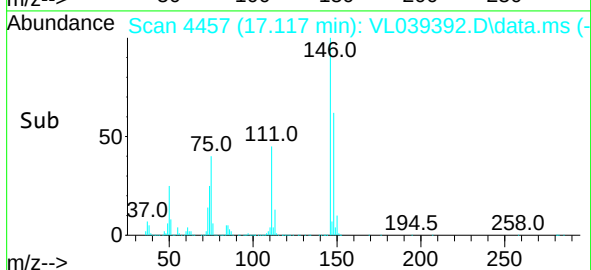
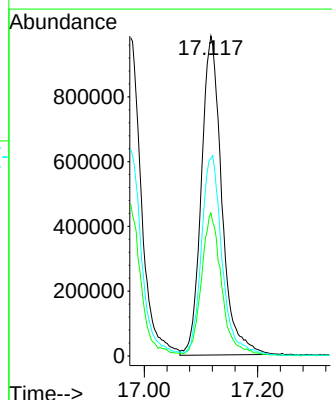
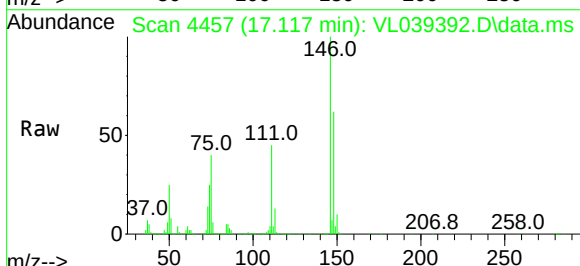
Tgt Ion:146 Resp: 2467721

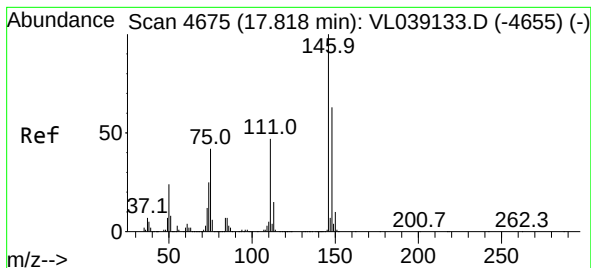
Ion Ratio Lower Upper

146 100

111 45.0 23.6 71.0

148 63.7 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 11.328 ppbv

RT: 17.796 min Scan# 4675

Delta R.T. -0.022 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 242816

Ion Ratio Lower Upper

146 100

111 47.5 24.4 73.4

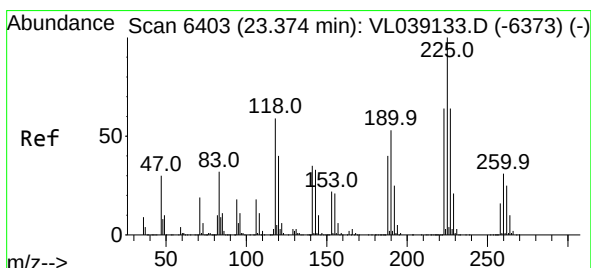
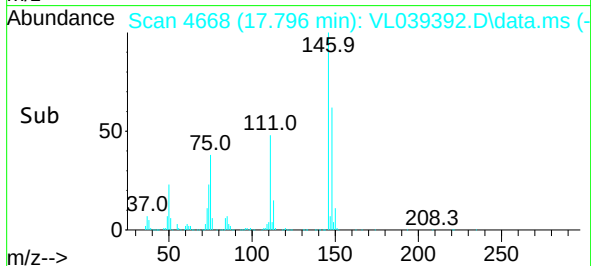
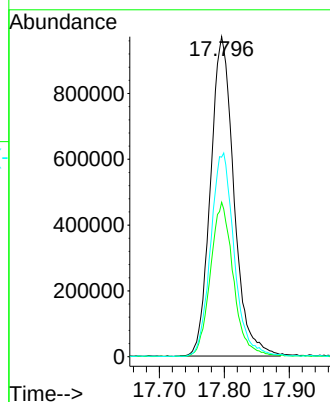
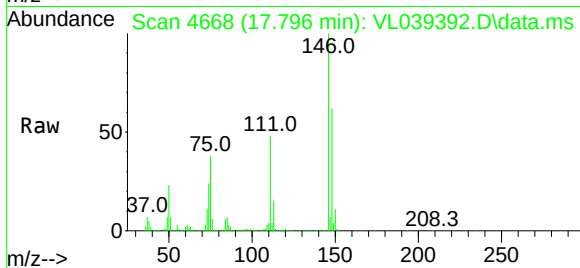
148 64.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.825 ppbv

RT: 23.352 min Scan# 6396

Delta R.T. -0.022 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

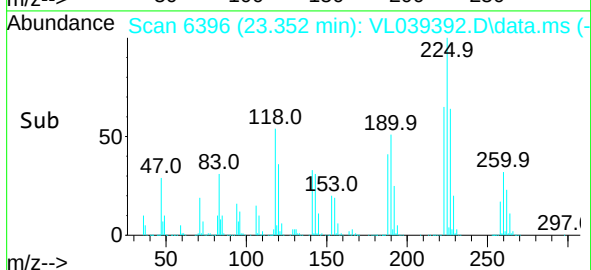
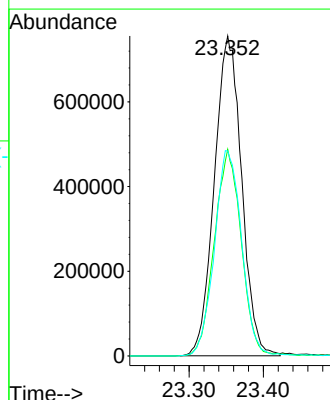
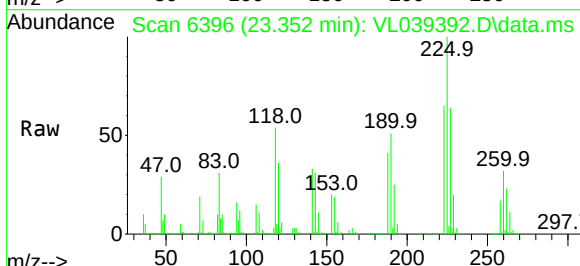
Tgt Ion:225 Resp: 1925840

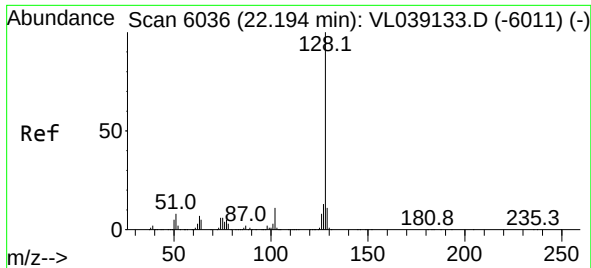
Ion Ratio Lower Upper

225 100

223 64.0 51.4 77.0

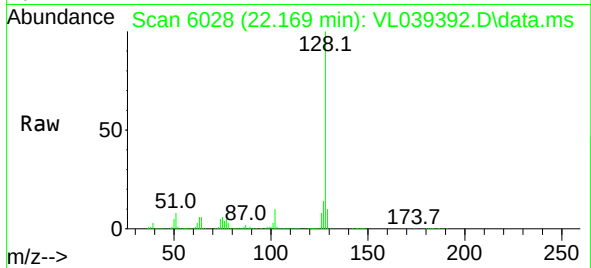
227 64.5 50.6 75.8





#79
Naphthalene
Concen: 12.475 ppbv
RT: 22.169 min Scan# 6036
Delta R.T. -0.026 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

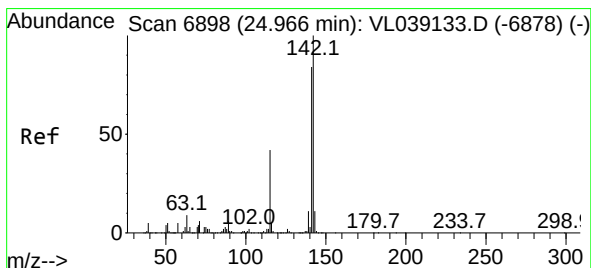
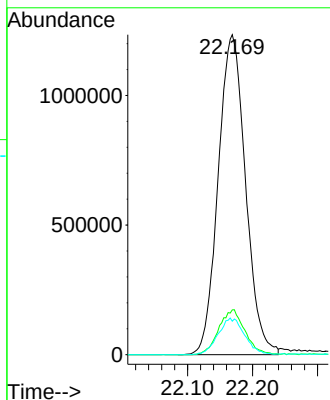
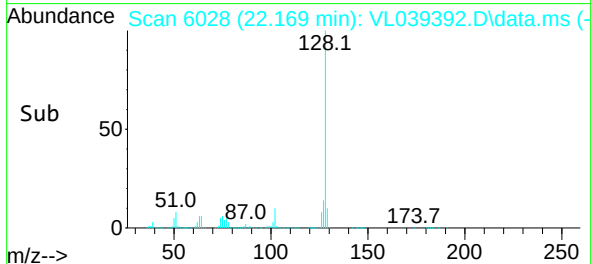
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



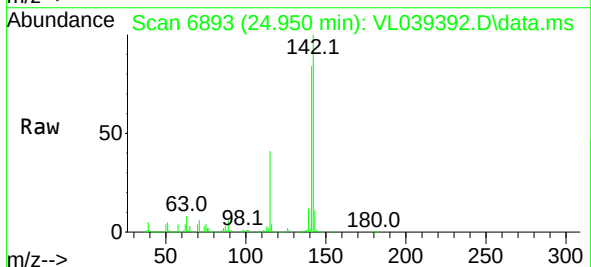
Tgt Ion:128 Resp: 360845
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 10.5 9.0 13.6

Manual Integrations
APPROVED

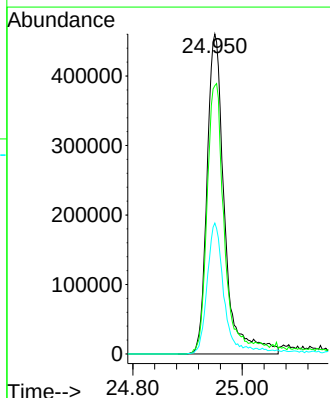
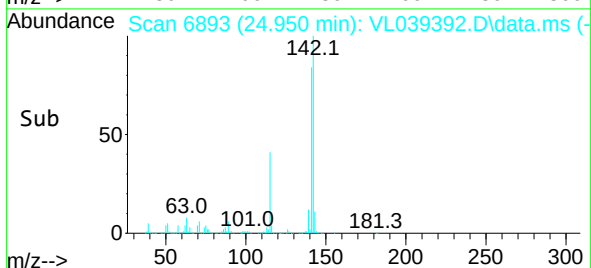
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

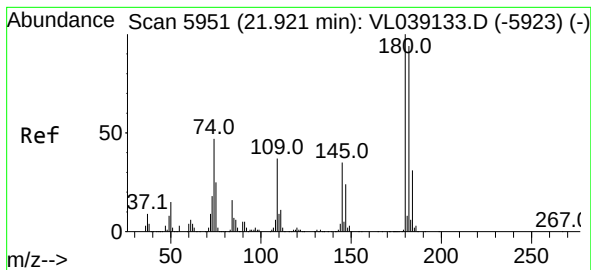


#80
Naphthalene,2-methyl-
Concen: 9.495 ppbv
RT: 24.950 min Scan# 6893
Delta R.T. -0.016 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48



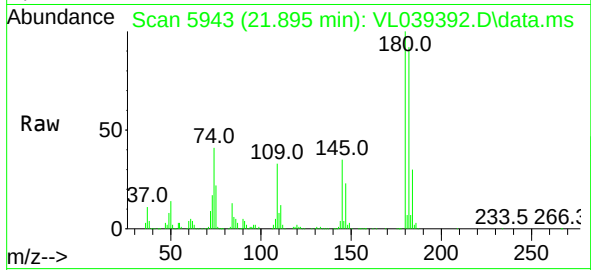
Tgt Ion:142 Resp: 1020378
Ion Ratio Lower Upper
142 100
141 89.8 64.6 96.8
115 41.5 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 11.043 ppbv
 RT: 21.895 min Scan# 5943
 Delta R.T. -0.026 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 202368
 Ion Ratio Lower Upper
 180 100
 182 97.0 0.0 0.0
 184 30.3 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

