

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL083122\
 Data File : VL039612.D
 Acq On : 31 Aug 2022 17:45
 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 09/01/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Aug 31 23:46:27 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 2022

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	994821	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2601095	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.487	117	2547728	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.790 95 1878158 9.772 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.758	85	1913899	14.458	ppbv	99
3) Chlorodifluoromethane	2.703	51	1180312	9.958	ppbv	96
4) Chloromethane	2.841	50	721095	10.101	ppbv	99
5) Vinyl Chloride	2.951	62	625871	10.862	ppbv	97
6) Bromomethane	3.150	94	245046	10.028	ppbv	97
7) Chloroethane	3.227	64	226073	10.472	ppbv	95
8) Dichlorotetrafluoroethane	2.886	85	1473756	10.406	ppbv	98
9) Propene	2.722	41	552165	10.181	ppbv	98
10) Heptane	7.597	43	1373824	10.938	ppbv	99
11) Trichlorofluoromethane	3.591	101	1467573	10.101	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.095	101	1107806	10.309	ppbv	97
13) Ethanol	3.266	45	31576	8.101	ppbv	85
14) Bromoethene	3.394	108	452115	10.297	ppbv	96
15) Acetone	3.494	43	1118900	10.041	ppbv	99
16) 1,3-Butadiene	3.012	39	609029	10.474	ppbv	97
17) tert-Butyl alcohol	3.902	59	978720	10.291	ppbv	100
18) 1,1-Dichloroethene	3.909	96	504168	10.416	ppbv	97
19) Isopropyl Alcohol	3.600	45	552733	10.196	ppbv	98
20) Methylene Chloride	3.960	84	397215	8.774	ppbv	95
21) Allyl Chloride	4.021	41	796274	10.984	ppbv	97
22) trans-1,2-Dichloroethene	4.472	96	493992	10.261	ppbv	95
23) Vinyl Acetate	4.652	43	538609	10.165	ppbv	99
24) 1,1-Dichloroethane	4.591	63	1041817	10.622	ppbv	99
25) Ethyl Acetate	5.227	43	2452891	10.287	ppbv	99
26) Hexane	5.237	57	1014875	10.428	ppbv	97
27) Carbon Disulfide	4.150	76	1172502	11.278	ppbv	97
28) Methyl tert-Butyl Ether	4.616	73	846428	10.082	ppbv	98
29) Chloroform	5.298	83	1543286	10.139	ppbv	97
30) Cyclohexane	6.623	84	863207	10.712	ppbv	97
31) cis-1,2-Dichloroethene	5.102	61	999031	10.598	ppbv	96
32) 1,1,1-Trichloroethane	6.028	97	1500789	11.208	ppbv	98
34) 2-Butanone	4.812	43	1416172	10.952	ppbv	99
35) Carbon Tetrachloride	6.513	117	1583960	11.265	ppbv	100
36) Benzene	6.394	78	2126096	10.723	ppbv	96
37) 1,2-Dichloroethane	5.832	62	1156494	10.589	ppbv	99
38) Trichloroethene	7.314	130	1175649	11.066	ppbv	99
39) 1,2-Dichloropropane	7.095	63	812896	10.905	ppbv	96
40) 1,4-Dioxane	7.308	88	292528	10.023	ppbv #	1
41) Tetrahydrofuran	5.584	42	848155	10.980	ppbv	98
42) Bromodichloromethane	7.269	83	1653482	11.064	ppbv	99
43) Methyl Methacrylate	7.497	69	841349	11.767	ppbv	100
44) 2,2,4-Trimethylpentane	7.349	57	3577104	10.702	ppbv	98
45) t-1,3-Dichloropropene	8.732	75	808434	12.983	ppbv	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M

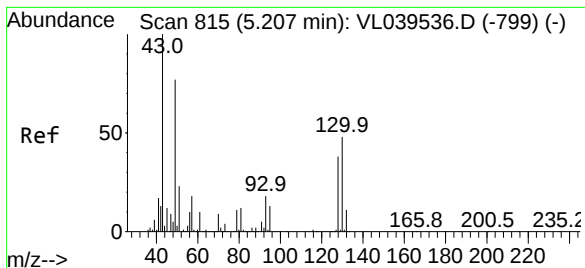
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

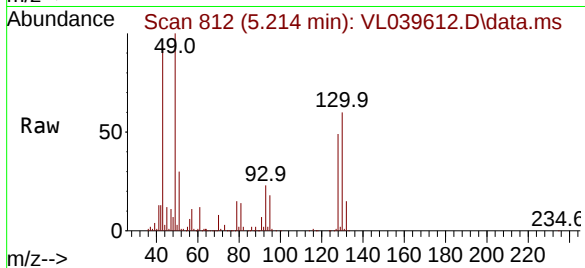
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.166	75	1086163	12.594	ppbv	97
47) 1,1,2-Trichloroethane	8.918	97	880648	10.344	ppbv	97
48) Dibromochloromethane	9.729	129	1478477	11.781	ppbv	100
49) Bromoform	12.426	173	1239184	11.921	ppbv	98
50) 4-Methyl-2-Pentanone	8.201	43	2254985	11.193	ppbv	98
51) 2-Hexanone	9.571	43	1727920	11.653	ppbv #	98
52) Tetrachloroethene	10.632	164	820149	10.933	ppbv	96
53) Toluene	9.243	91	2523189	11.371	ppbv	99
54) 1,2-Dibromoethane	10.028	107	1069055	11.227	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.529	131	1069729	10.334	ppbv	97
57) Chlorobenzene	11.548	112	1936363	10.188	ppbv #	96
58) Ethyl Benzene	12.108	91	3333467	11.388	ppbv	100
59) m/p-Xylene	12.391	91	5614794m	21.381	ppbv	
60) o-Xylene	13.079	91	2691918	10.679	ppbv	99
61) Styrene	12.918	104	1623290	12.091	ppbv	99
62) Isopropylbenzene	14.050	105	3950305	10.363	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.066	83	1105817	9.263	ppbv	99
64) n-propylbenzene	14.937	120	1036963	10.467	ppbv	99
65) tert-Butylbenzene	16.111	119	3467329	10.233	ppbv	100
66) Benzyl Chloride	16.343	91	318853	11.585	ppbv	99
67) sec-Butylbenzene	16.654	105	4801455	10.005	ppbv	99
69) p-Isopropyltoluene	17.015	119	4046758	10.158	ppbv	99
70) n-Butylbenzene	17.905	91	4008848	10.114	ppbv	99
71) 2-Chlorotoluene	14.818	91	2886752	10.456	ppbv	100
72) 4-Ethyltoluene	15.211	105	3195739	10.842	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2850076	10.581	ppbv	96
74) 1,2,4-Trimethylbenzene	16.127	105	3050472	10.164	ppbv	99
75) 1,3-Dichlorobenzene	16.349	146	1824260	9.997	ppbv	100
76) 1,4-Dichlorobenzene	16.490	146	1768373	9.727	ppbv	99
77) 1,2-Dichlorobenzene	17.159	146	1752376	9.807	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1440598	10.123	ppbv	99
79) Naphthalene	21.400	128	2957268	13.836	ppbv	98
80) Naphthalene,2-methyl-	24.390	142	1170802	13.497	ppbv	98
81) 1,2,4-Trichlorobenzene	21.159	180	1660837m	11.636	ppbv	

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.214 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VL039612.D
 Acq: 31 Aug 2022 17:45

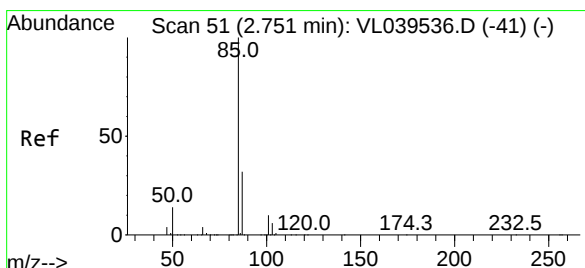
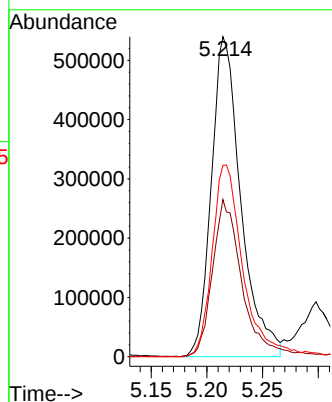
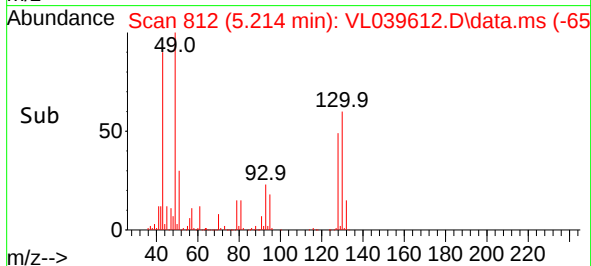
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 49 Resp: 99482
 Ion Ratio Lower Upper
 49 100
 128 50.5 26.7 80.0
 130 63.6 34.3 102.8

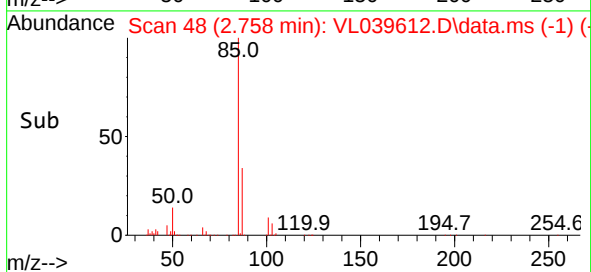
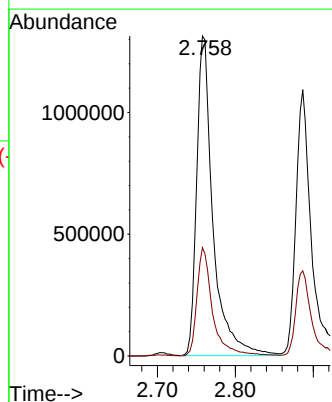
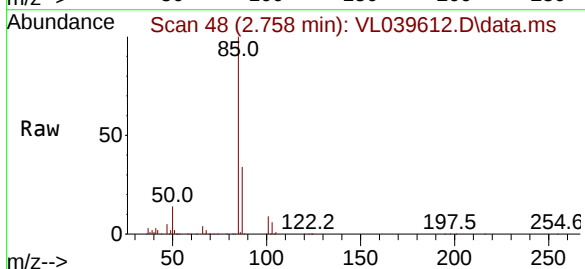
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#2
 Dichlorodifluoromethane
 Concen: 14.458 ppbv
 RT: 2.758 min Scan# 48
 Delta R.T. 0.007 min
 Lab File: VL039612.D
 Acq: 31 Aug 2022 17:45

Tgt Ion: 85 Resp: 1913899
 Ion Ratio Lower Upper
 85 100
 87 33.8 26.7 40.1





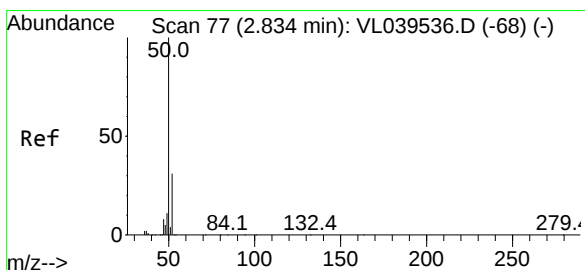
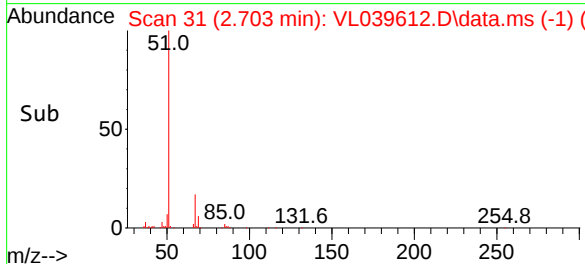
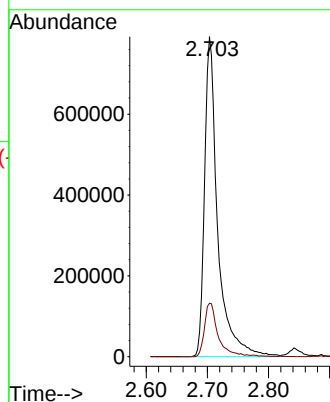
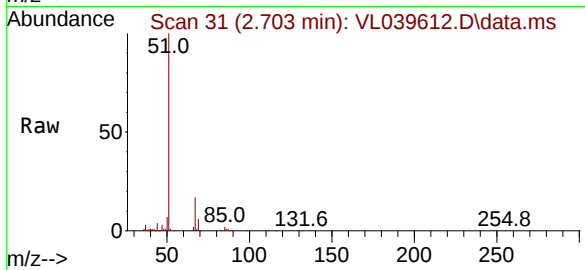
#3
Chlorodifluoromethane
Concen: 9.958 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 118031
Ion Ratio Lower Upper
51 100
67 17.8 15.7 23.5

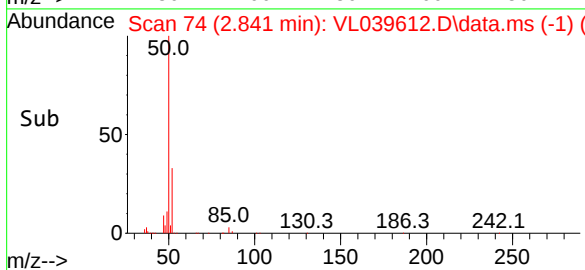
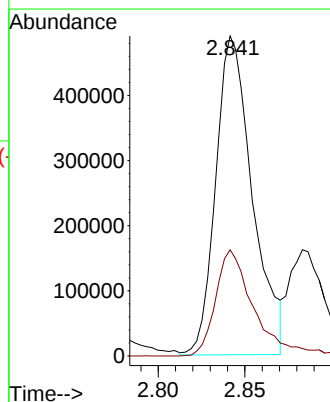
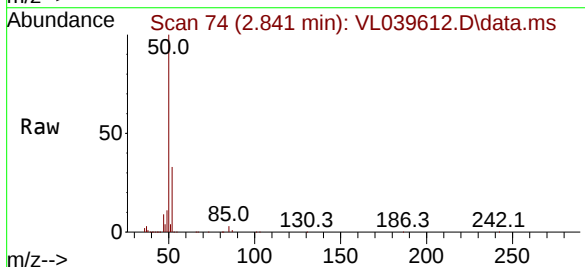
Manual Integrations
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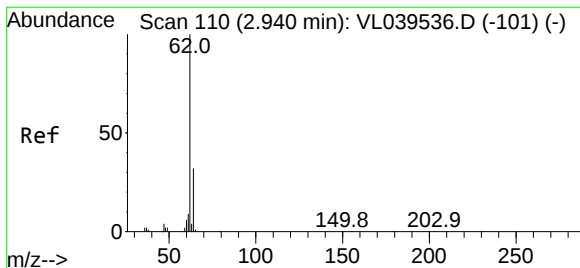
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#4
Chloromethane
Concen: 10.101 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.007 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 50 Resp: 721095
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7





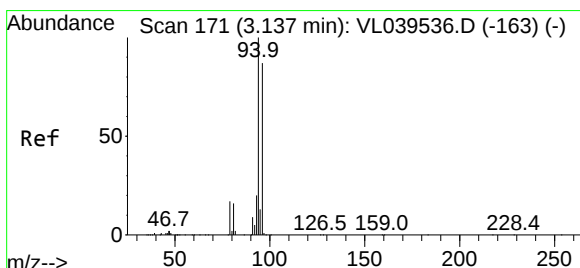
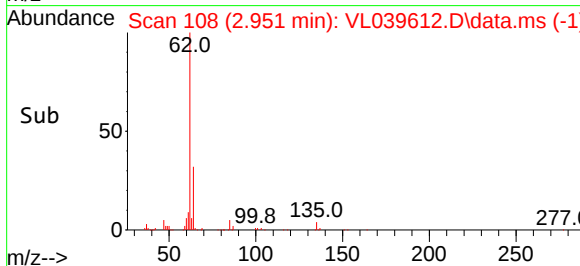
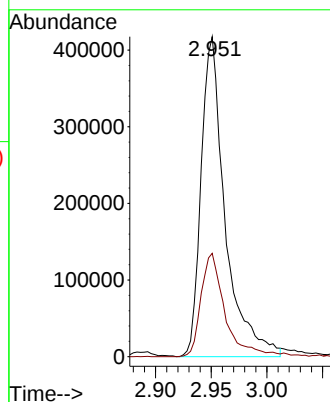
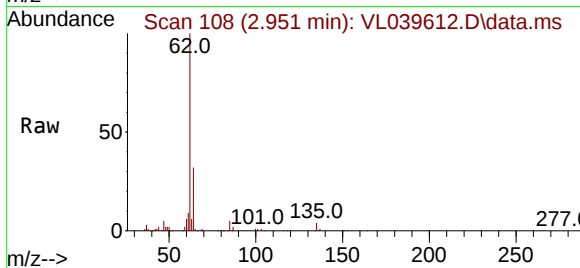
#5
 Vinyl Chloride
 Concen: 10.862 ppbv
 RT: 2.951 min Scan# 108
 Delta R.T. 0.010 min
 Lab File: VL039612.D
 Acq: 31 Aug 2022 17:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 62587
 Ion Ratio Lower Upper
 62 100
 64 32.2 24.6 36.8

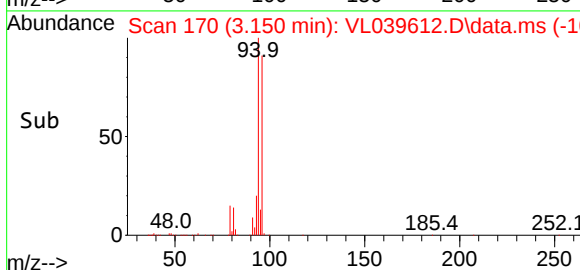
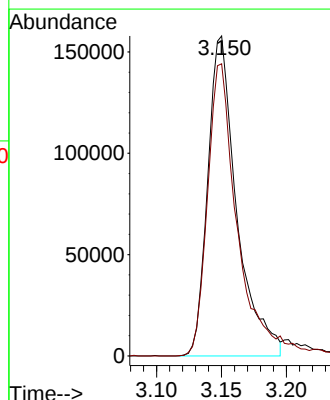
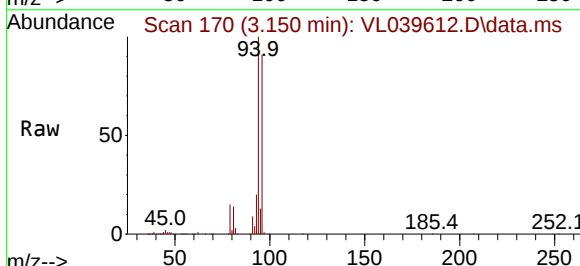
Manual Integrations
 APPROVED

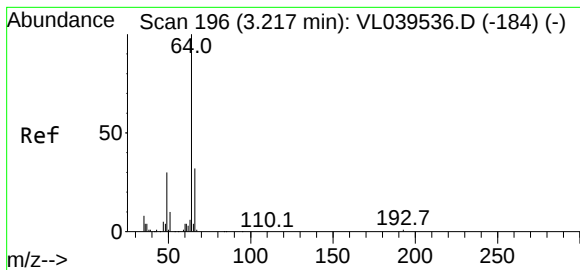
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#6
 Bromomethane
 Concen: 10.028 ppbv
 RT: 3.150 min Scan# 170
 Delta R.T. 0.014 min
 Lab File: VL039612.D
 Acq: 31 Aug 2022 17:45

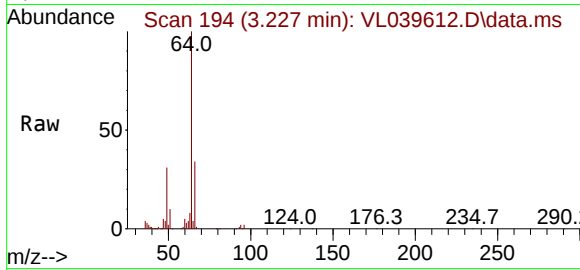
Tgt Ion: 94 Resp: 245046
 Ion Ratio Lower Upper
 94 100
 96 91.1 75.6 113.4





#7
Chloroethane
Concen: 10.472 ppbv
RT: 3.227 min Scan# 196
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

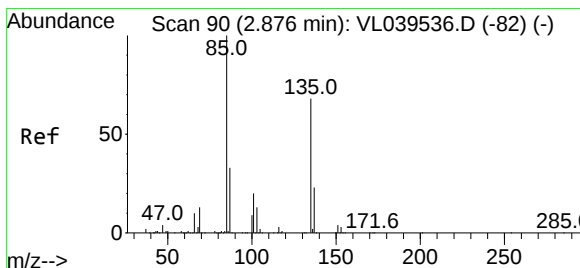
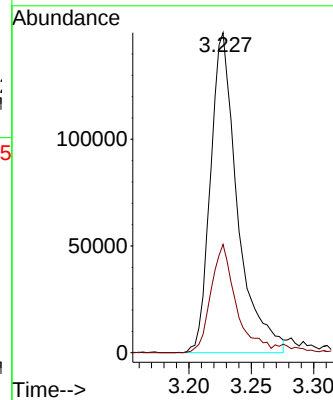
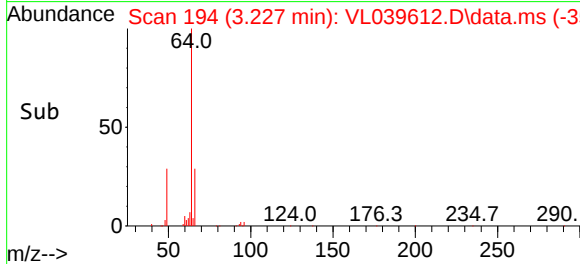
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



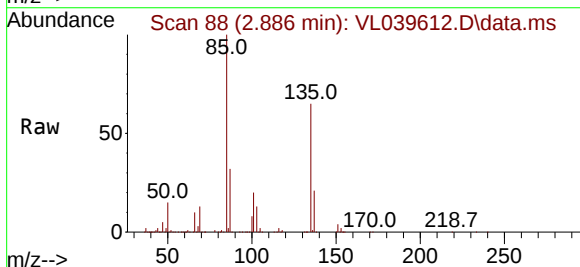
Tgt Ion: 64 Resp: 22607
Ion Ratio Lower Upper
64 100
66 33.9 24.7 37.1

Manual Integrations
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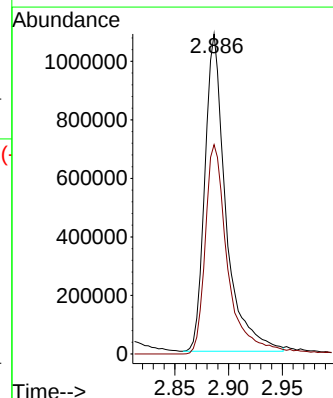
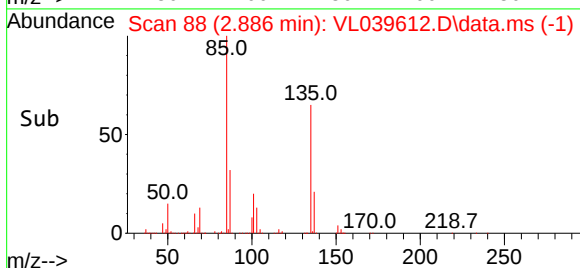
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#8
Dichlorotetrafluoroethane
Concen: 10.406 ppbv
RT: 2.886 min Scan# 88
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45



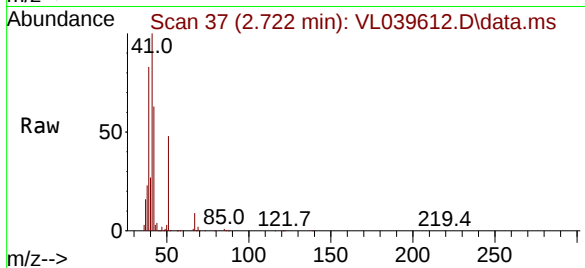
Tgt Ion: 85 Resp: 1473756
Ion Ratio Lower Upper
85 100
135 72.1 59.0 88.4





#9
Propene
Concen: 10.181 ppbv
RT: 2.722 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

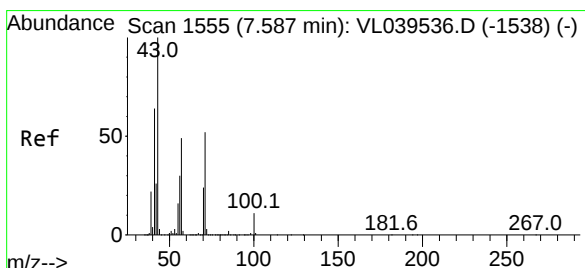
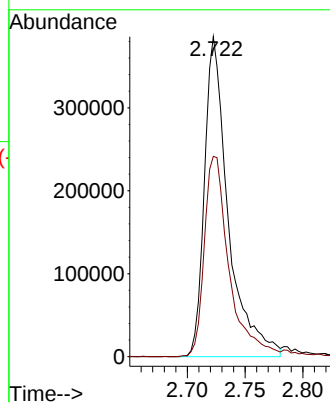
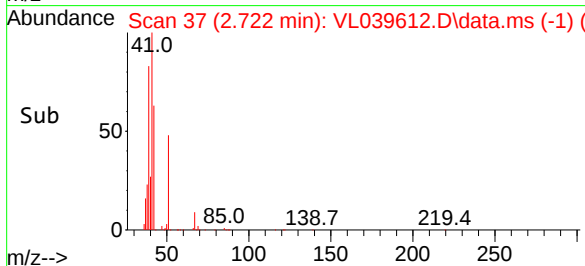
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 41 Resp: 55216
Ion Ratio Lower Upper
41 100
42 67.4 55.2 82.8

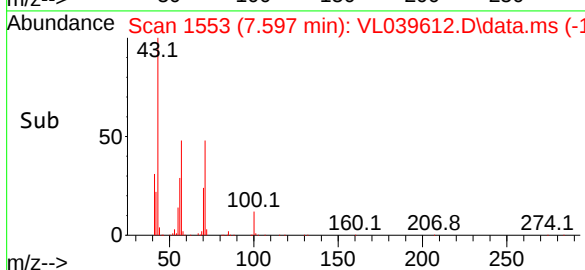
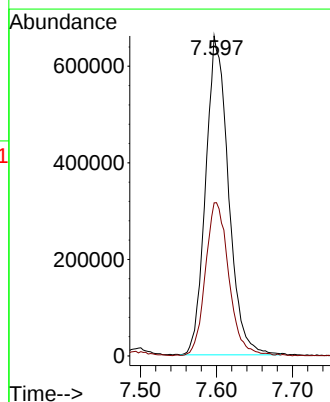
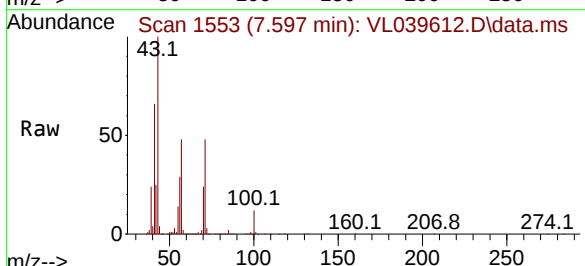
Manual Integrations
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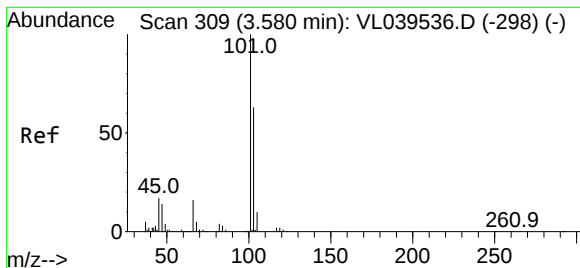
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#10
Heptane
Concen: 10.938 ppbv
RT: 7.597 min Scan# 1553
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 43 Resp: 1373824
Ion Ratio Lower Upper
43 100
57 49.6 40.5 60.7





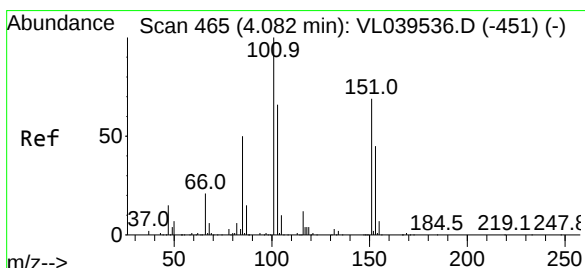
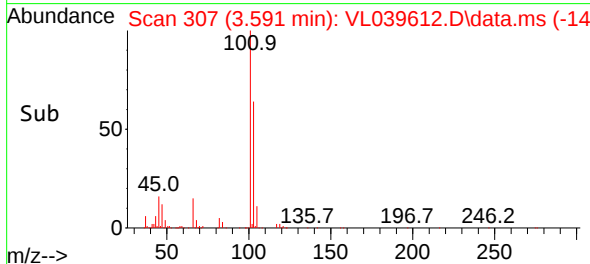
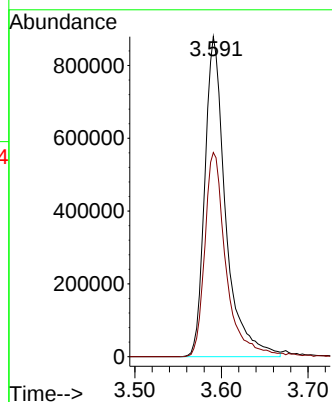
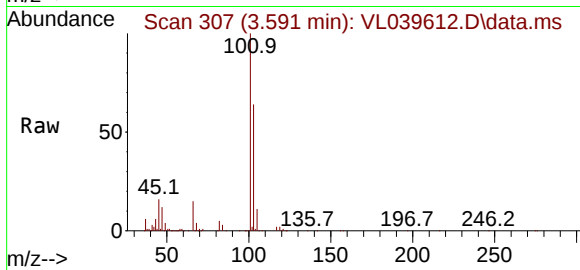
#11
Trichlorofluoromethane
Concen: 10.101 ppbv
RT: 3.591 min Scan# 309
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 146757
Ion Ratio Lower Upper
101 100
103 63.8 51.8 77.8

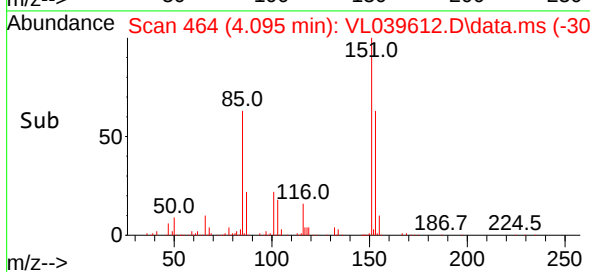
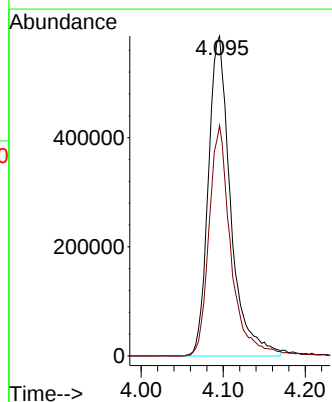
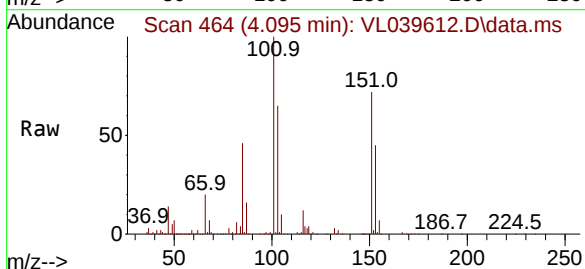
Manual Integrations
APPROVED

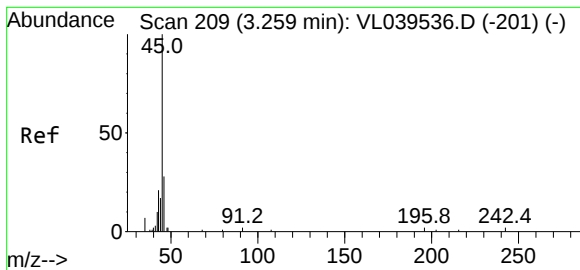
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.309 ppbv
RT: 4.095 min Scan# 464
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:101 Resp: 1107806
Ion Ratio Lower Upper
101 100
151 71.3 58.9 88.3





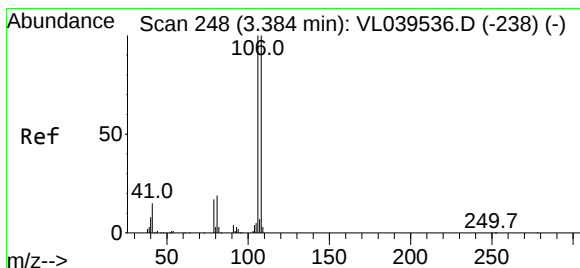
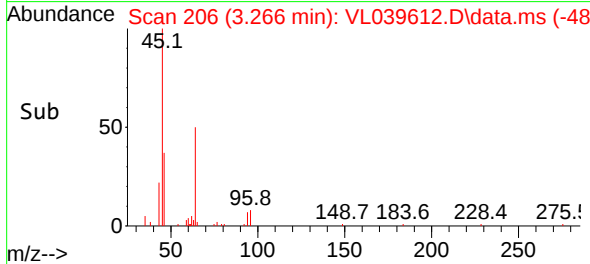
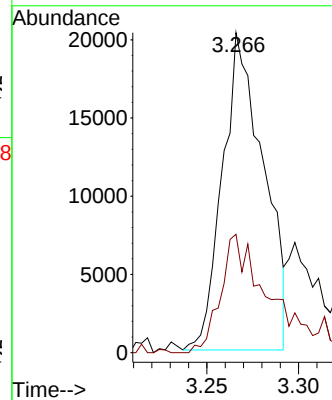
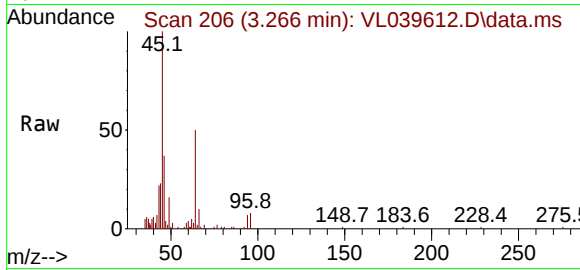
#13
Ethanol
Concen: 8.101 ppbv
RT: 3.266 min Scan# 209
Delta R.T. 0.007 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 31570
Ion Ratio Lower Upper
45 100
46 45.8 22.8 91.2

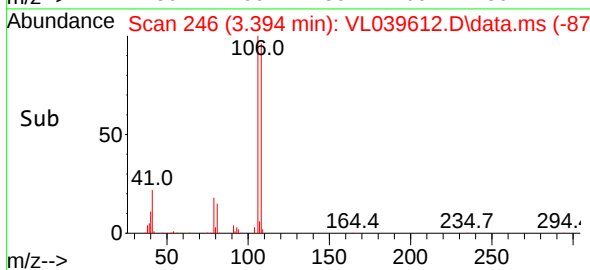
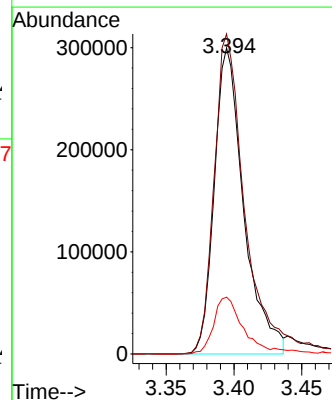
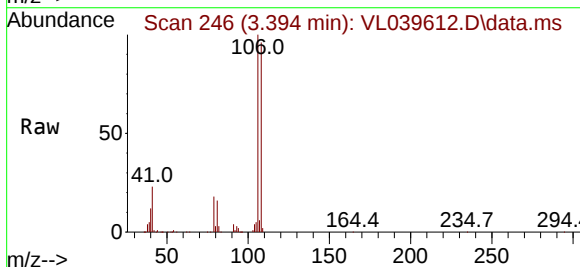
Manual Integrations
APPROVED

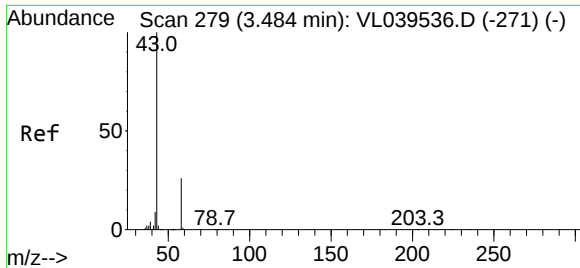
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#14
Bromoethene
Concen: 10.297 ppbv
RT: 3.394 min Scan# 246
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

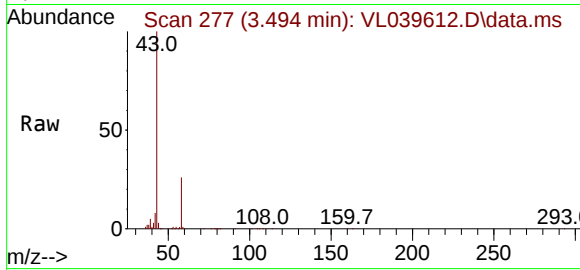
Tgt Ion:108 Resp: 452115
Ion Ratio Lower Upper
108 100
106 113.1 87.1 130.7
79 20.3 14.6 22.0





#15
Acetone
Concen: 10.041 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

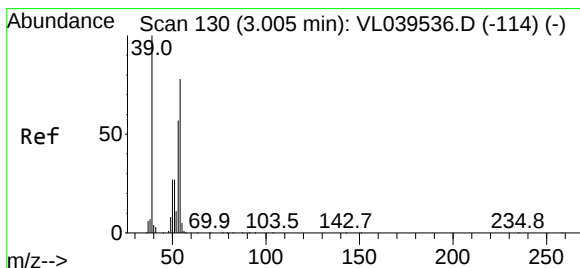
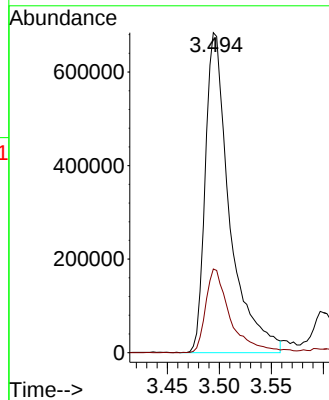
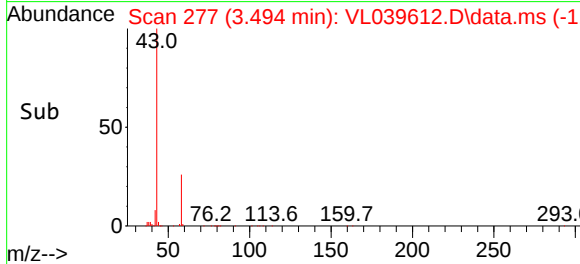
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1118900
Ion Ratio Lower Upper
43 100
58 26.7 21.0 31.6

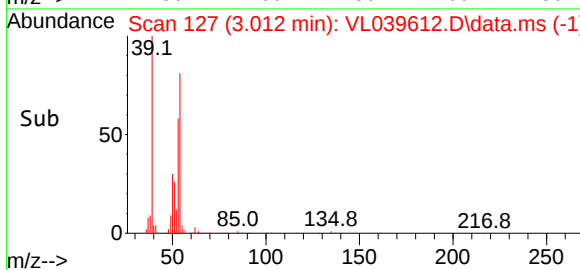
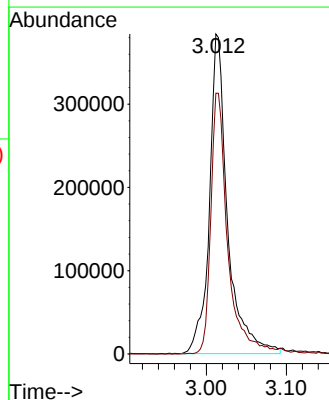
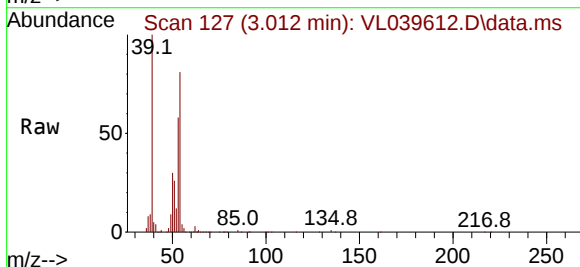
Manual Integrations
APPROVED

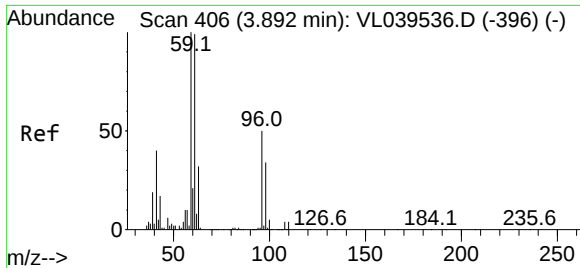
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#16
1,3-Butadiene
Concen: 10.474 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.007 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

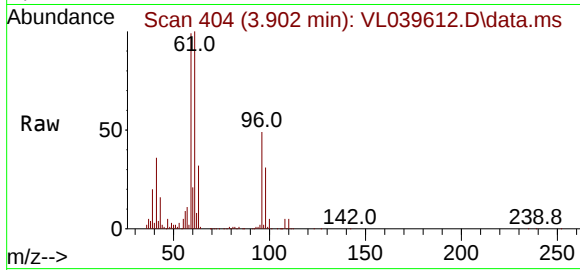
Tgt Ion: 39 Resp: 609029
Ion Ratio Lower Upper
39 100
54 77.3 63.7 95.5





#17
tert-Butyl alcohol
Concen: 10.291 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

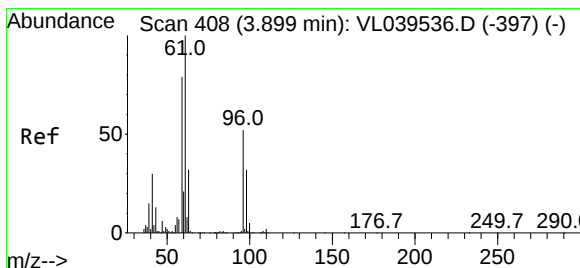
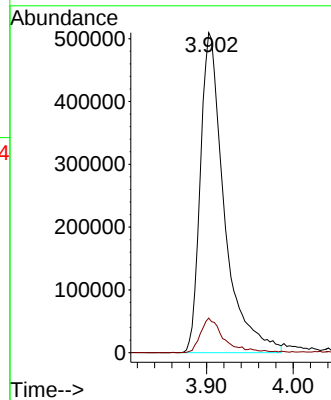
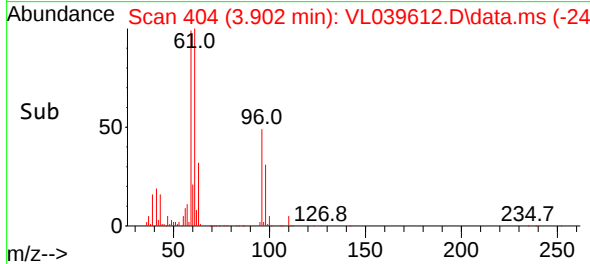
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



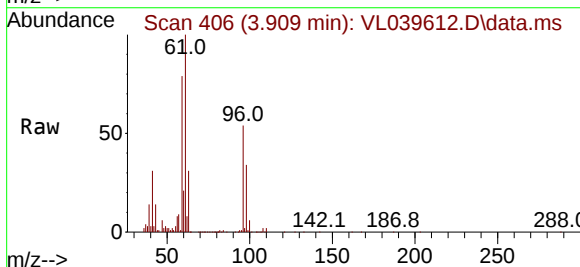
Tgt Ion: 59 Resp: 978720
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

Manual Integrations
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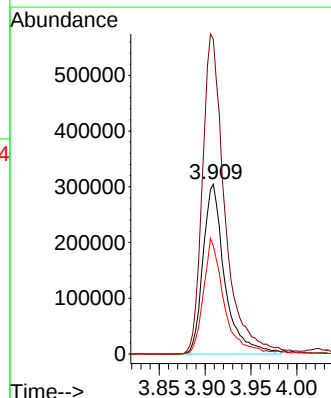
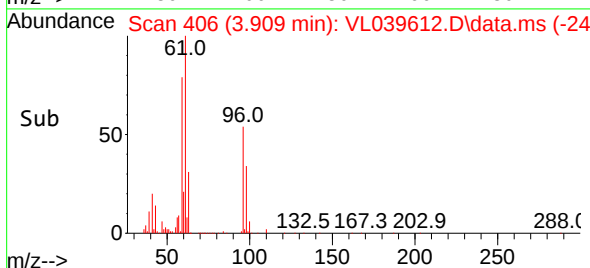
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#18
1,1-Dichloroethene
Concen: 10.416 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45



Tgt Ion: 96 Resp: 504168
Ion Ratio Lower Upper
96 100
61 185.1 152.2 228.4
98 63.7 51.8 77.6





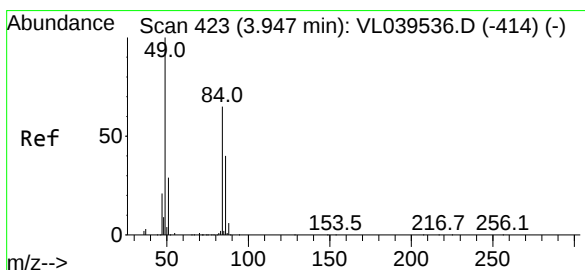
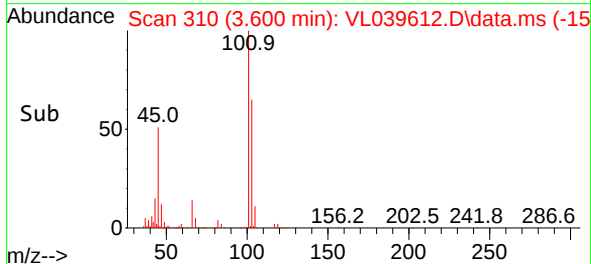
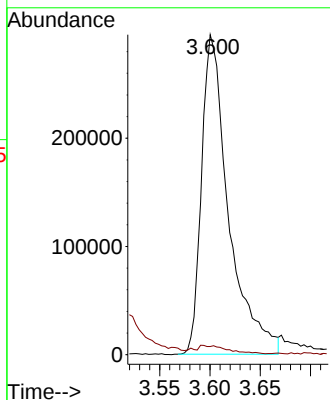
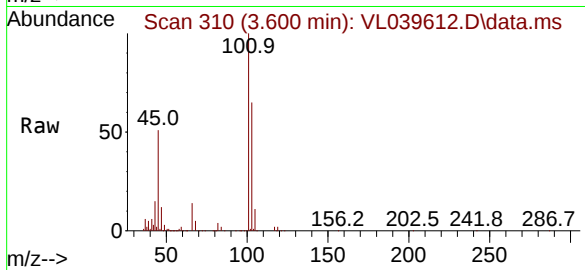
#19
Isopropyl Alcohol
Concen: 10.196 ppbv
RT: 3.600 min Scan# 312
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 55273
Ion Ratio Lower Upper
45 100
58 3.3 3.2 4.8

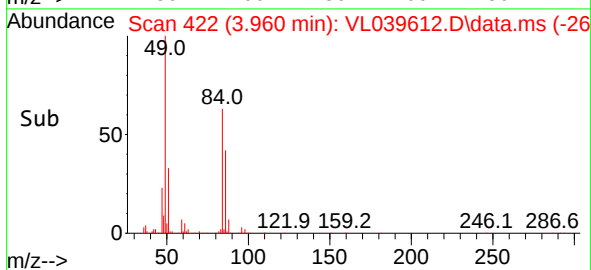
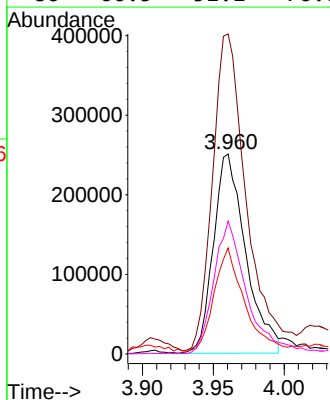
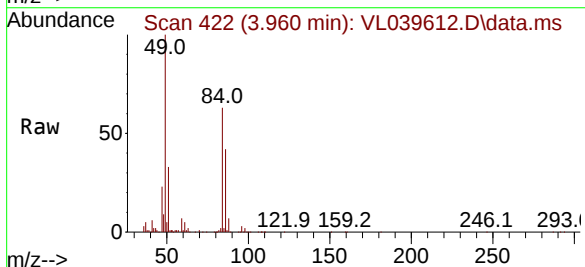
Manual Integrations
APPROVED

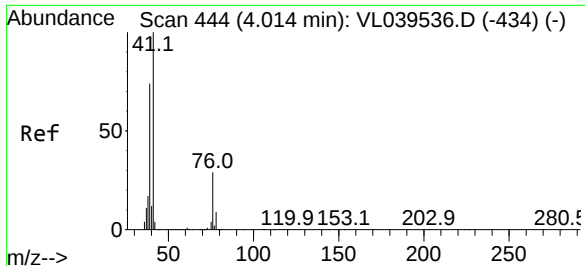
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#20
Methylene Chloride
Concen: 8.774 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

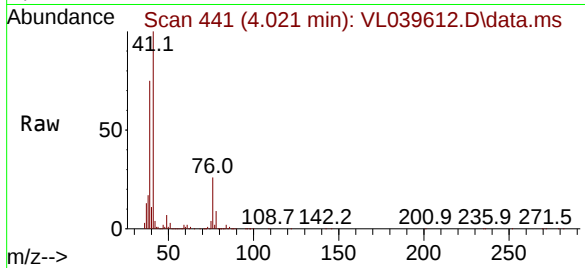
Tgt Ion: 84 Resp: 397215
Ion Ratio Lower Upper
84 100
49 157.7 123.1 184.7
51 50.8 34.4 51.6
86 66.5 51.1 76.7





#21
 Allyl Chloride
 Concen: 10.984 ppbv
 RT: 4.021 min Scan# 441
 Delta R.T. 0.007 min
 Lab File: VL039612.D
 Acq: 31 Aug 2022 17:45

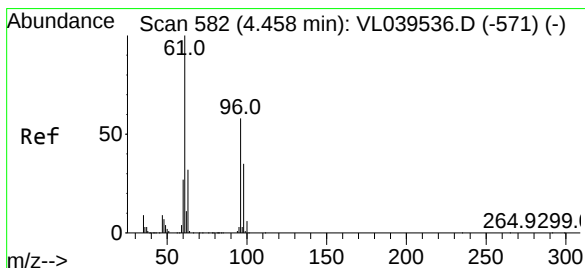
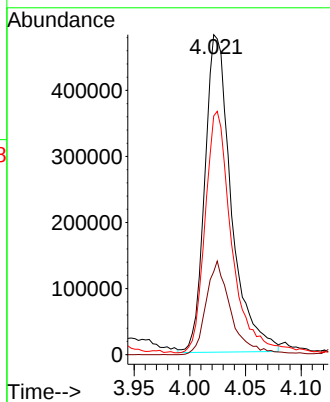
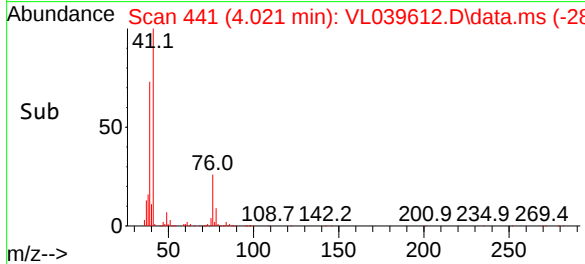
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



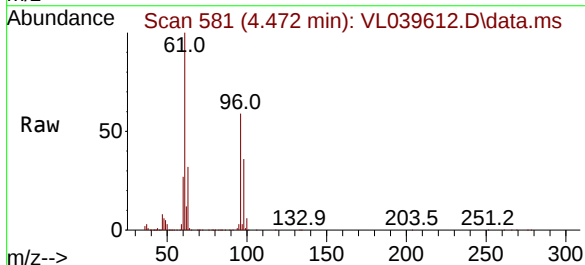
Tgt Ion: 41 Resp: 796274
 Ion Ratio Lower Upper
 41 100
 76 28.0 24.4 36.6
 39 77.1 63.5 95.3

Manual Integrations
 APPROVED

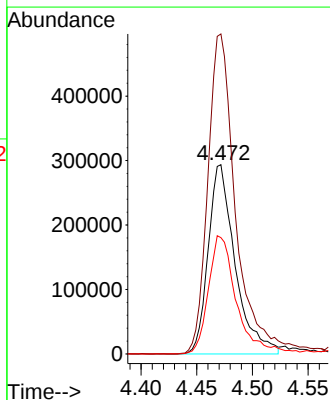
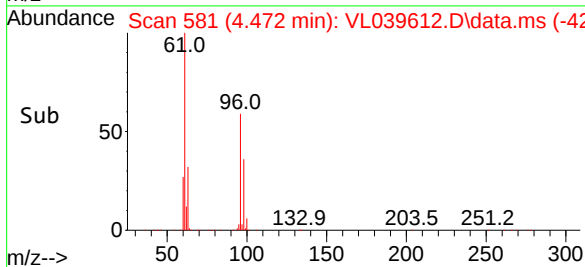
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022

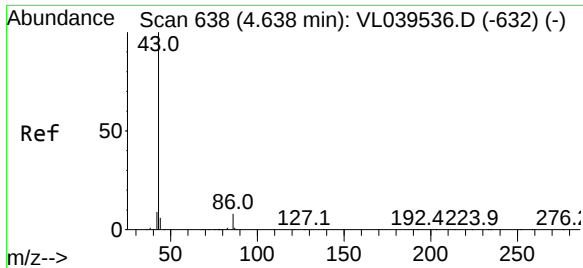


#22
 trans-1,2-Dichloroethene
 Concen: 10.261 ppbv
 RT: 4.472 min Scan# 581
 Delta R.T. 0.014 min
 Lab File: VL039612.D
 Acq: 31 Aug 2022 17:45



Tgt Ion: 96 Resp: 493992
 Ion Ratio Lower Upper
 96 100
 61 169.0 130.6 195.8
 98 61.5 53.4 80.0





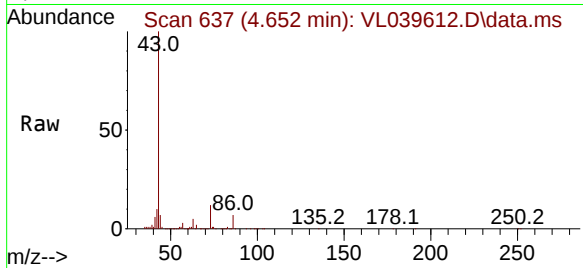
#23
 Vinyl Acetate
 Concen: 10.165 ppbv
 RT: 4.652 min Scan# 618
 Delta R.T. 0.014 min
 Lab File: VL039612.D
 Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



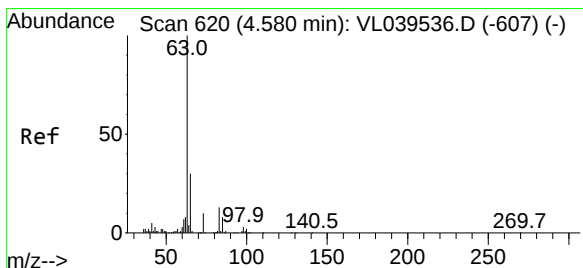
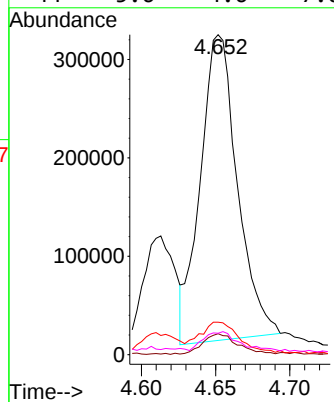
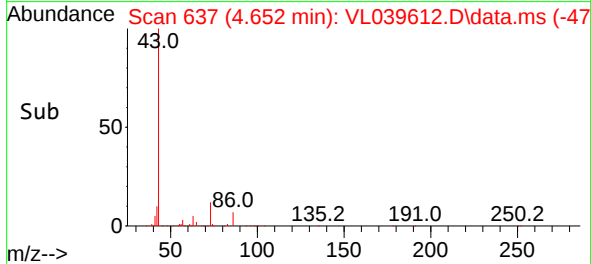
Tgt Ion: 43 Resp: 538609

Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.0	7.6
42	9.5	7.7	11.5
44	5.6	4.6	7.0

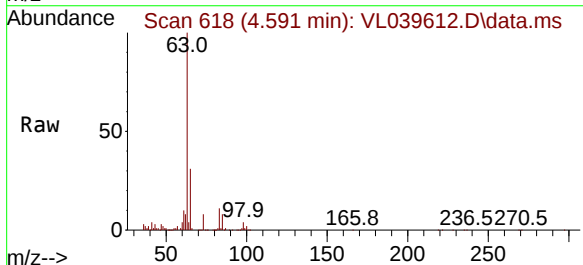
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022

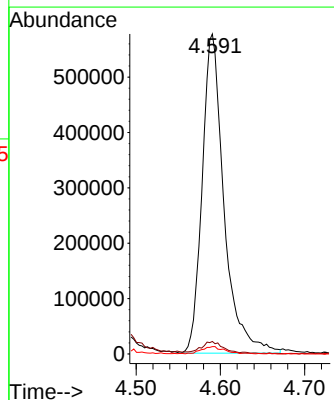
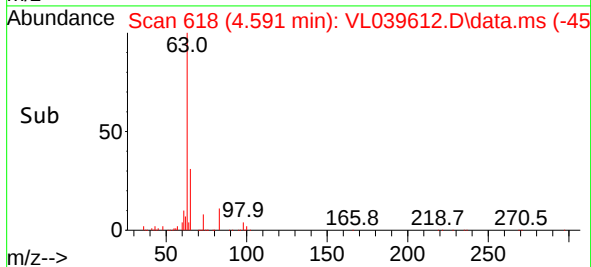


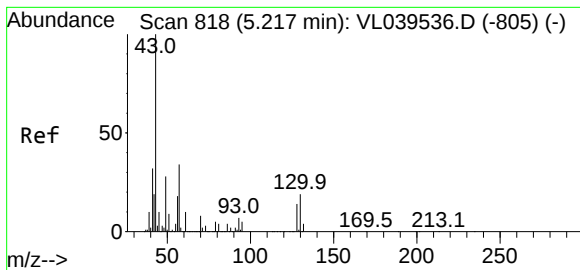
#24
 1,1-Dichloroethane
 Concen: 10.622 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. 0.010 min
 Lab File: VL039612.D
 Acq: 31 Aug 2022 17:45



Tgt Ion: 63 Resp: 1041817

Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.8	5.3
100	2.3	1.5	4.4





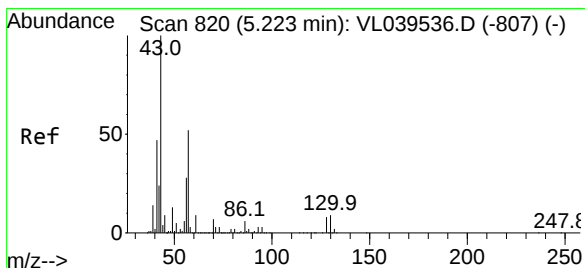
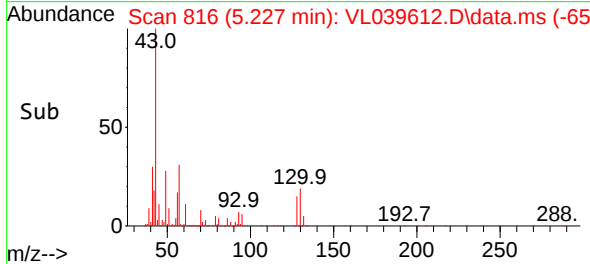
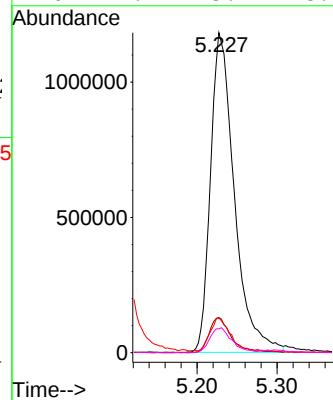
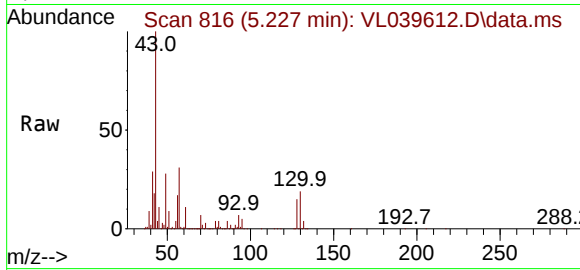
#25
Ethyl Acetate
Concen: 10.287 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 245289
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 10.1 8.3 12.5
70 7.1 5.9 8.9

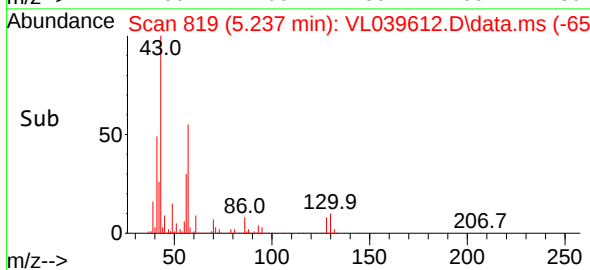
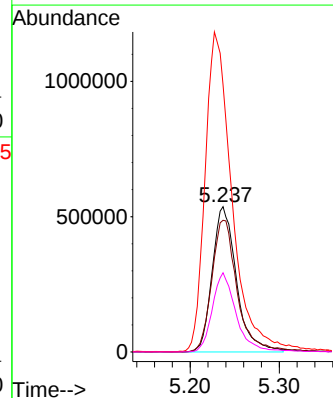
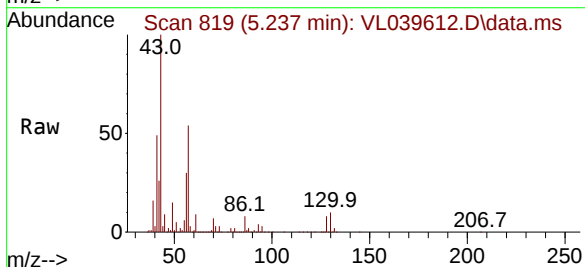
Manual Integrations
APPROVED

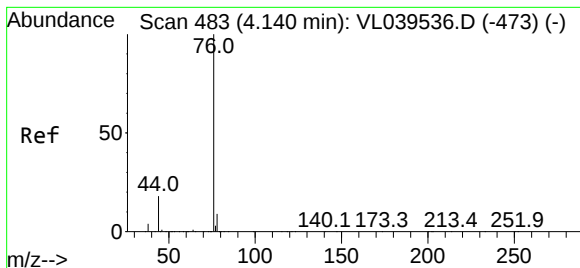
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#26
Hexane
Concen: 10.428 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 57 Resp: 1014875
Ion Ratio Lower Upper
57 100
41 96.0 76.9 115.3
43 246.6 191.0 286.6
56 54.1 43.2 64.8





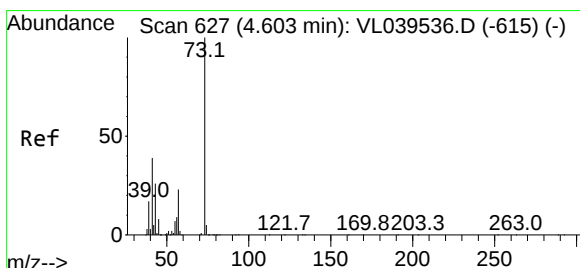
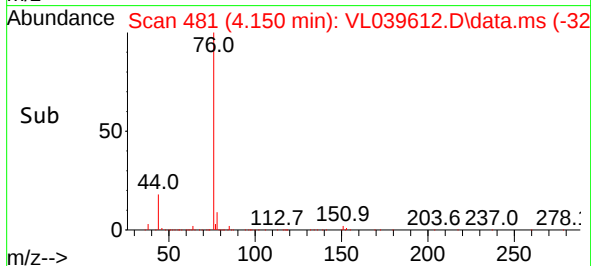
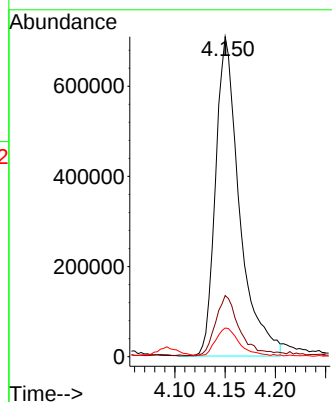
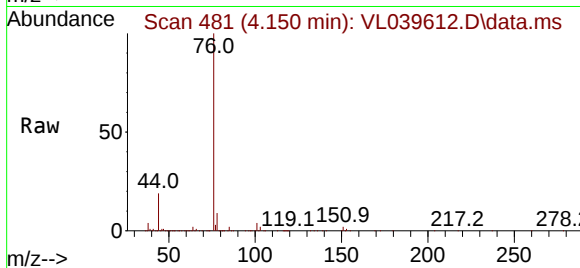
#27
Carbon Disulfide
Concen: 11.278 ppbv
RT: 4.150 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 117250
Ion Ratio Lower Upper
76 100
44 20.0 14.6 21.8
78 10.0 7.8 11.6

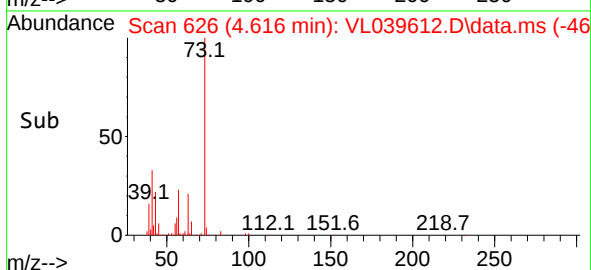
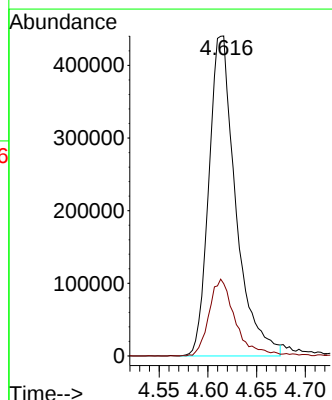
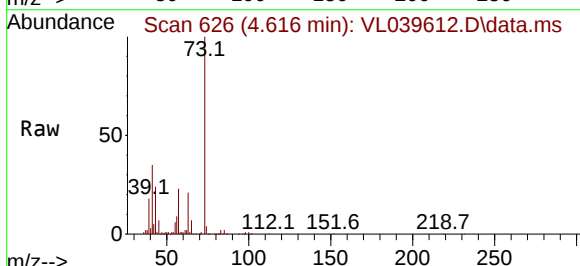
Manual Integrations
APPROVED

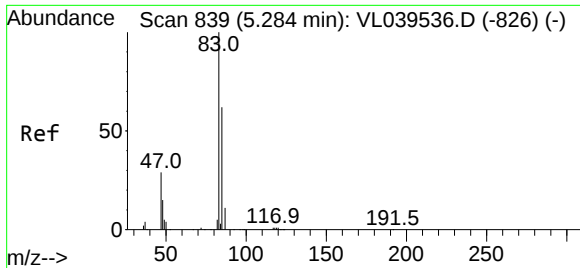
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#28
Methyl tert-Butyl Ether
Concen: 10.082 ppbv
RT: 4.616 min Scan# 626
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 73 Resp: 846428
Ion Ratio Lower Upper
73 100
57 23.8 19.8 29.8





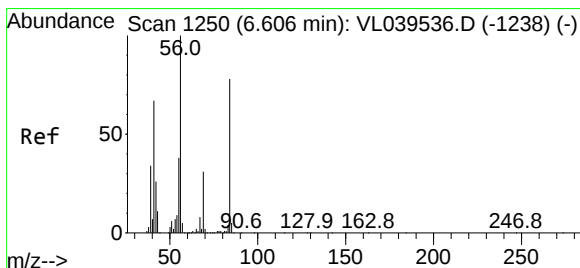
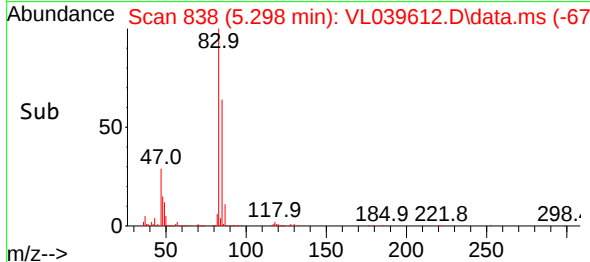
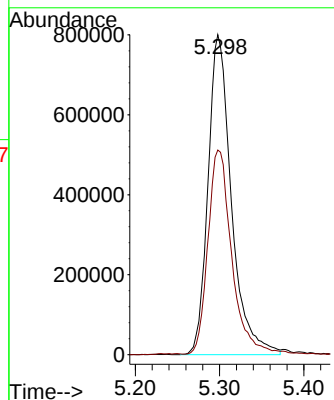
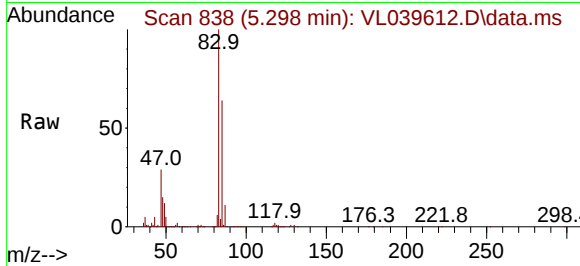
#29
Chloroform
Concen: 10.139 ppbv
RT: 5.298 min Scan# 81
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 154328
Ion Ratio Lower Upper
83 100
85 63.7 52.8 79.2

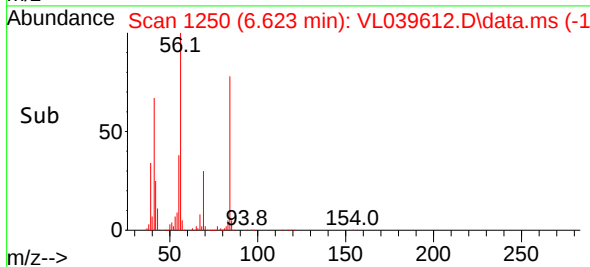
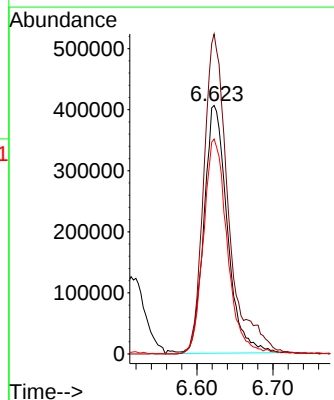
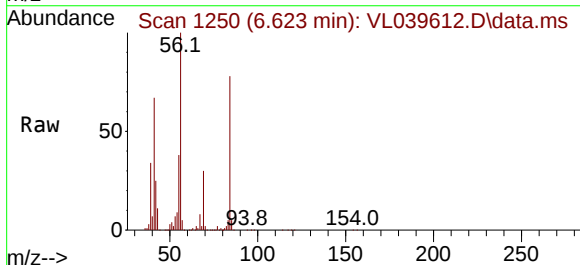
Manual Integrations
APPROVED

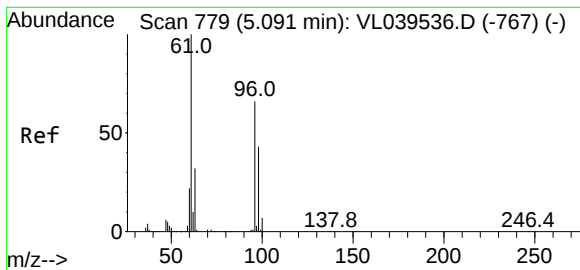
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#30
Cyclohexane
Concen: 10.712 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. 0.017 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 84 Resp: 863207
Ion Ratio Lower Upper
84 100
56 137.0 107.7 161.5
41 88.0 67.7 101.5





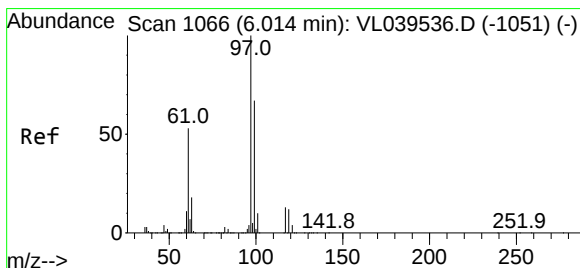
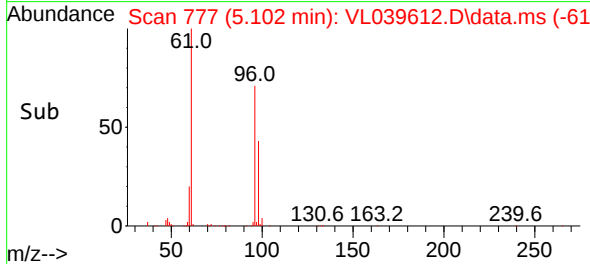
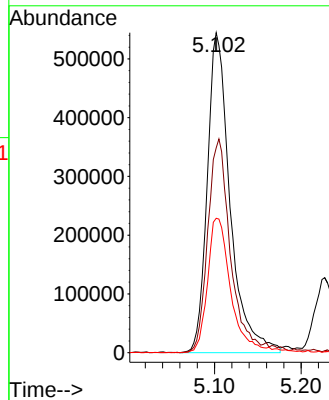
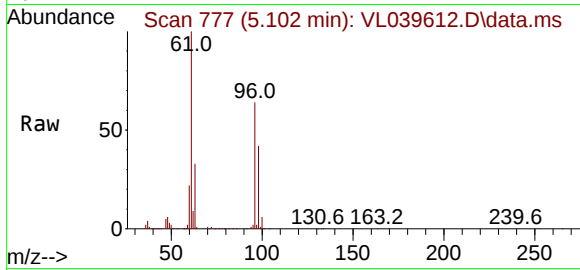
#31
 cis-1,2-Dichloroethene
 Concen: 10.598 ppbv
 RT: 5.102 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL039612.D
 Acq: 31 Aug 2022 17:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 61 Resp: 99903
 Ion Ratio Lower Upper
 61 100
 96 64.0 54.1 81.1
 98 42.0 34.6 52.0

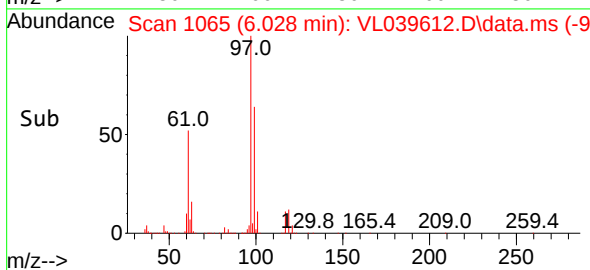
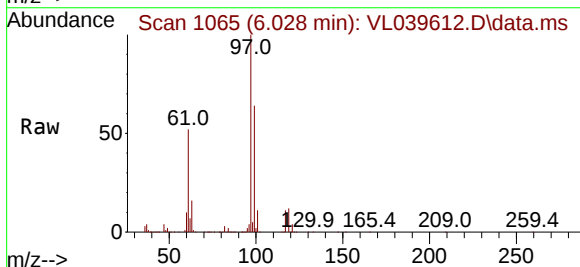
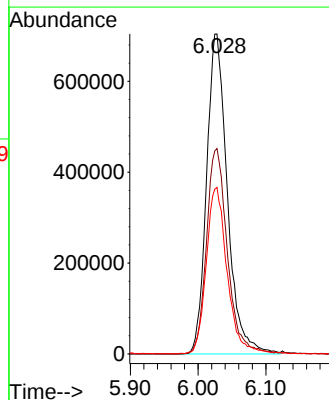
Manual Integrations
 APPROVED

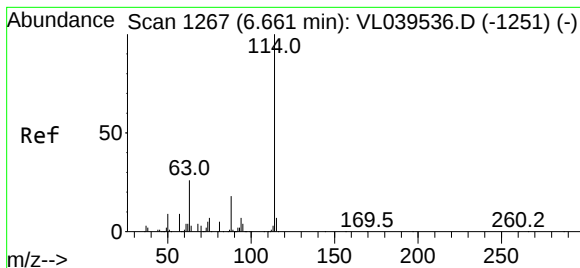
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#32
 1,1,1-Trichloroethane
 Concen: 11.208 ppbv
 RT: 6.028 min Scan# 1065
 Delta R.T. 0.014 min
 Lab File: VL039612.D
 Acq: 31 Aug 2022 17:45

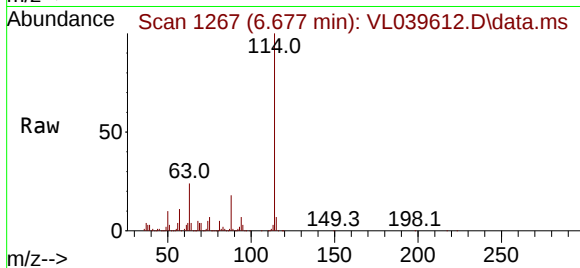
Tgt Ion: 97 Resp: 1500789
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.3 78.5
 61 52.9 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 114
Delta R.T. 0.017 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

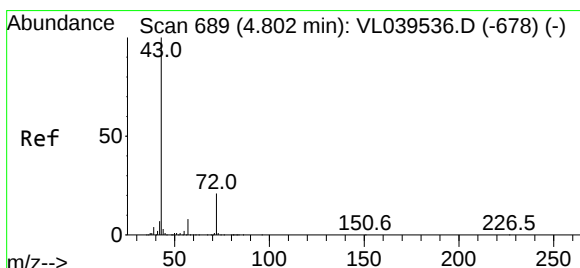
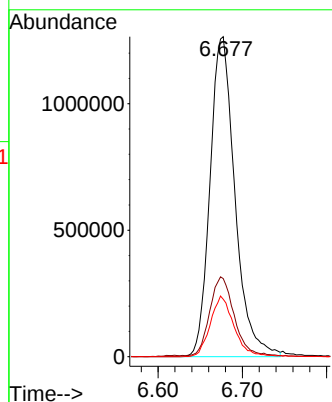
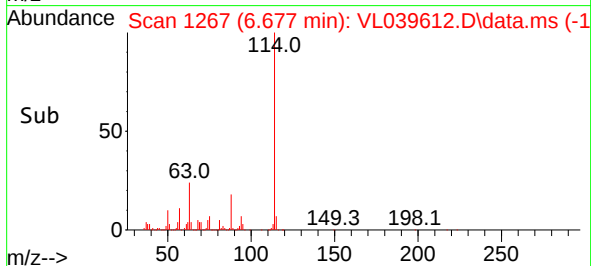
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 260109
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.4
88 18.2 14.5 21.7

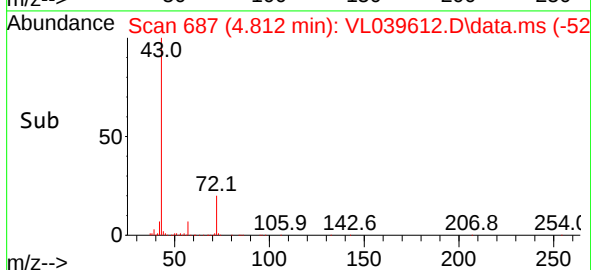
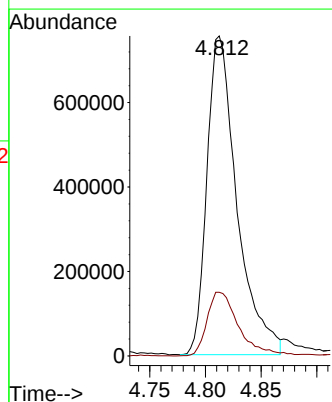
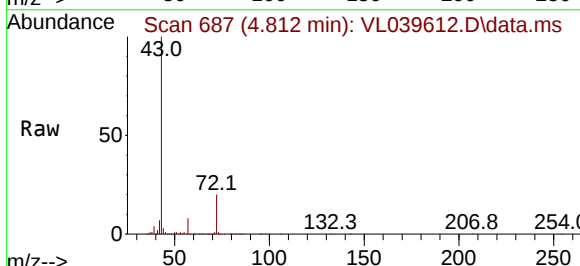
Manual Integrations
APPROVED

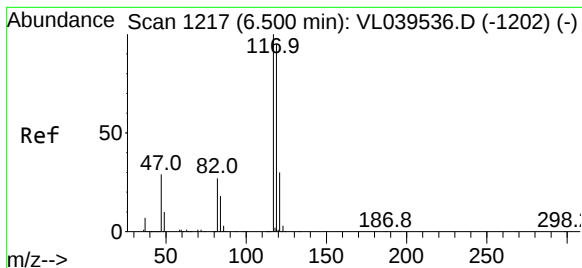
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#34
2-Butanone
Concen: 10.952 ppbv
RT: 4.812 min Scan# 687
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

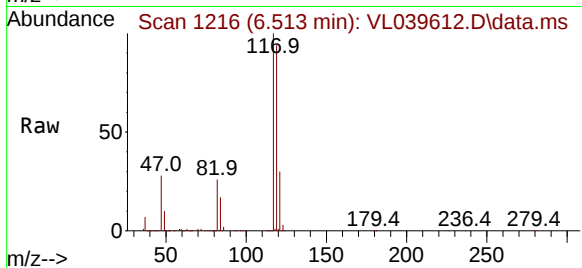
Tgt Ion: 43 Resp: 1416172
Ion Ratio Lower Upper
43 100
72 21.7 17.9 26.9





#35
Carbon Tetrachloride
Concen: 11.265 ppbv
RT: 6.513 min Scan# 1179
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

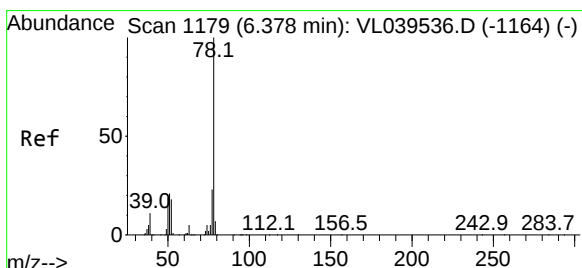
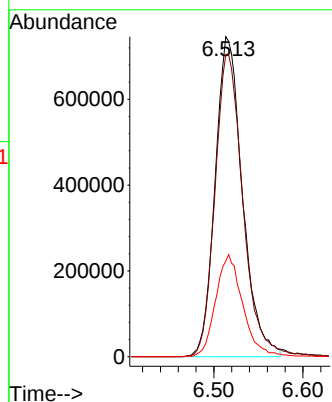
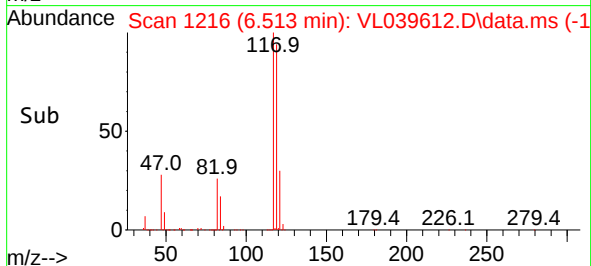
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1583960
Ion Ratio Lower Upper
117 100
119 94.5 75.4 113.2
121 29.9 24.2 36.2

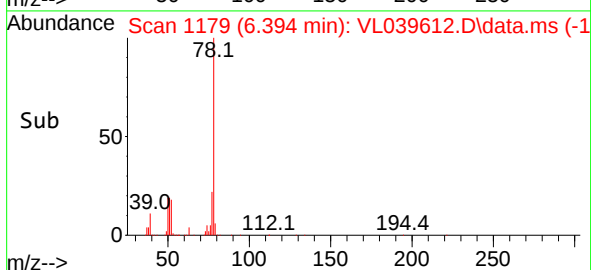
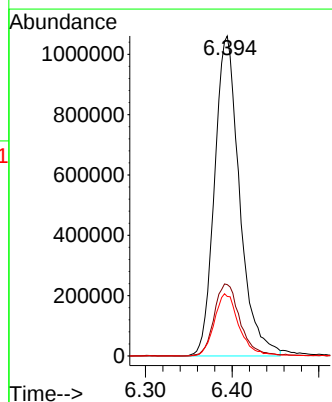
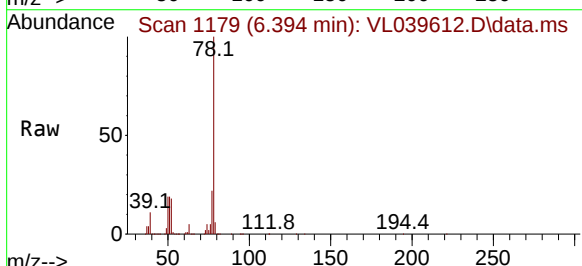
Manual Integrations
APPROVED

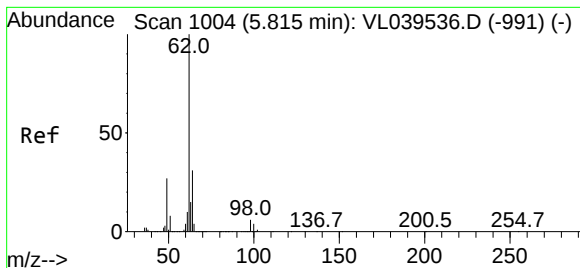
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#36
Benzene
Concen: 10.723 ppbv
RT: 6.394 min Scan# 1179
Delta R.T. 0.017 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

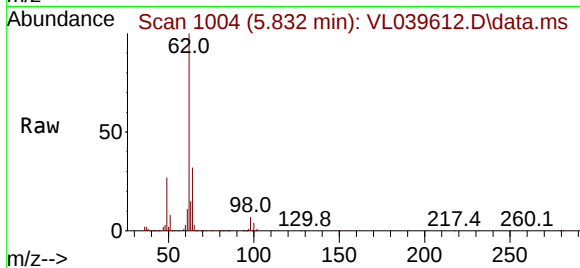
Tgt Ion: 78 Resp: 2126096
Ion Ratio Lower Upper
78 100
77 22.3 20.3 30.5
50 18.6 15.5 23.3





#37
1,2-Dichloroethane
Concen: 10.589 ppbv
RT: 5.832 min Scan# 1004
Delta R.T. 0.017 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

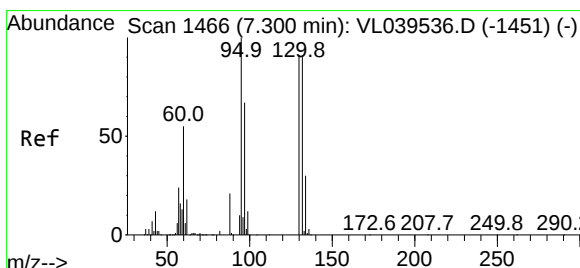
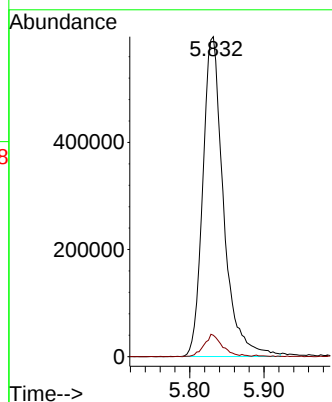
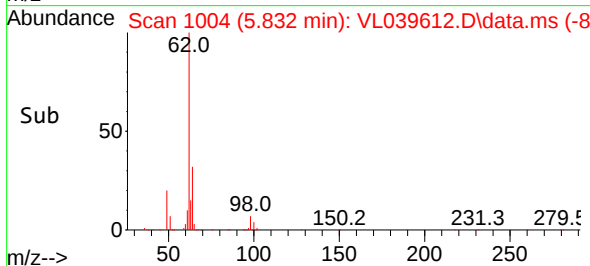
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



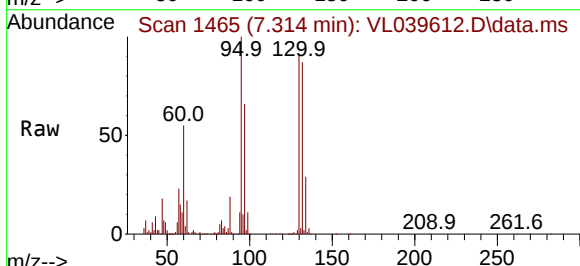
Tgt Ion: 62 Resp: 1156494
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

Manual Integrations
APPROVED

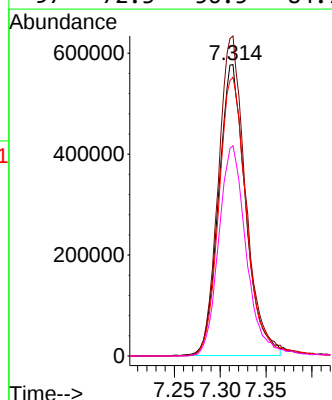
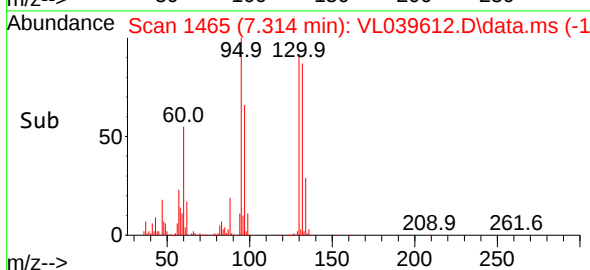
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

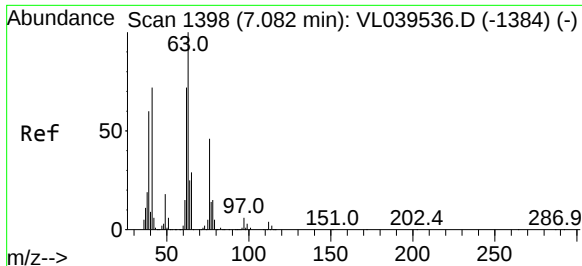


#38
Trichloroethene
Concen: 11.066 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45



Tgt Ion:130 Resp: 1175649
Ion Ratio Lower Upper
130 100
95 110.1 87.3 130.9
132 95.8 76.7 115.1
97 72.3 56.5 84.7





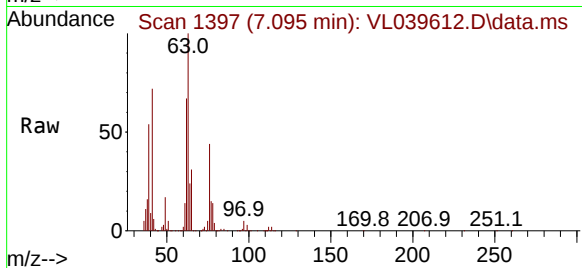
#39
1,2-Dichloropropane
Concen: 10.905 ppbv
RT: 7.095 min Scan# 11
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

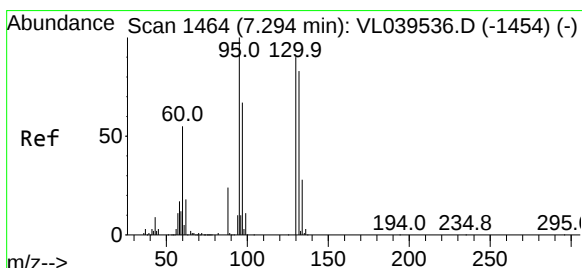
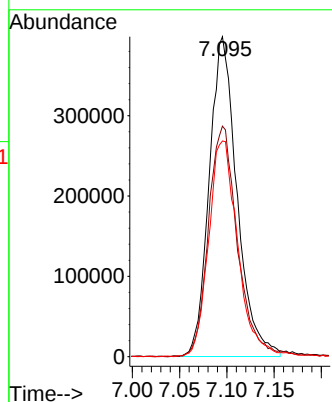
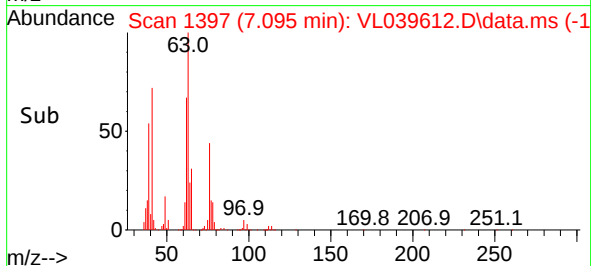


Tgt Ion: 63 Resp: 812890
Ion Ratio Lower Upper
63 100
41 71.7 59.6 89.4
62 67.2 51.4 77.0

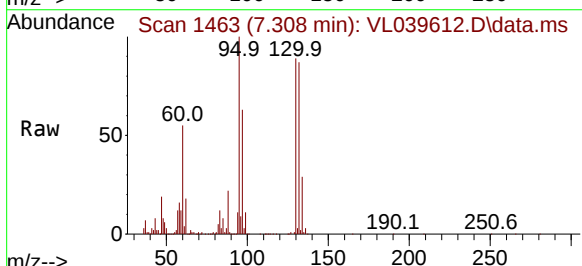
Manual Integrations

APPROVED

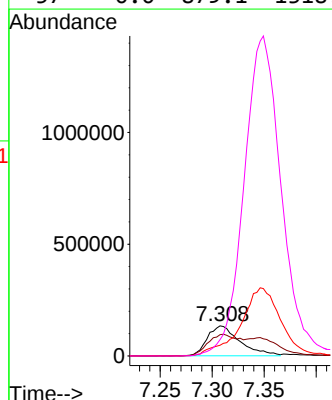
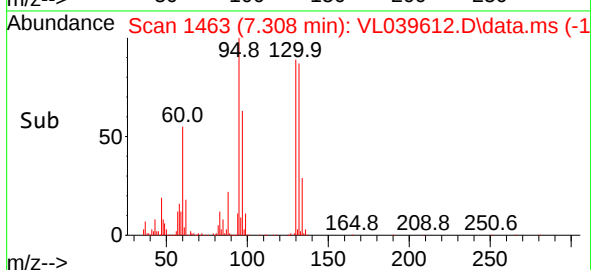
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

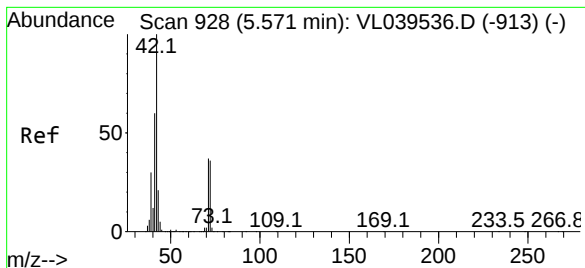


#40
1,4-Dioxane
Concen: 10.023 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45



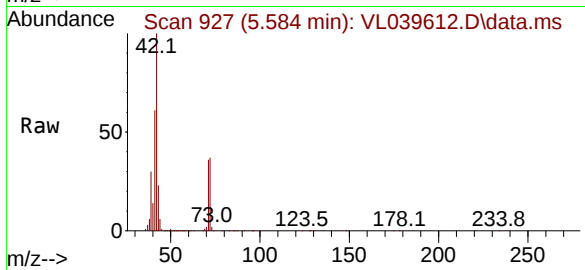
Tgt Ion: 88 Resp: 292528
Ion Ratio Lower Upper
88 100
58 131.3 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 10.980 ppbv
RT: 5.584 min Scan# 91
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

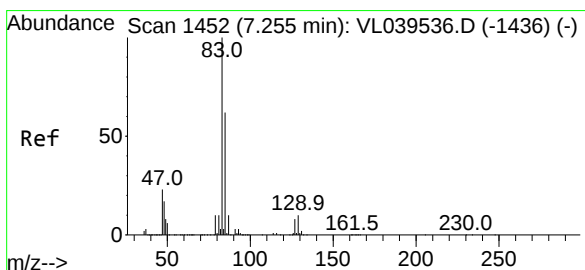
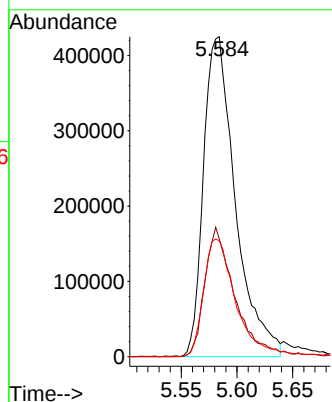
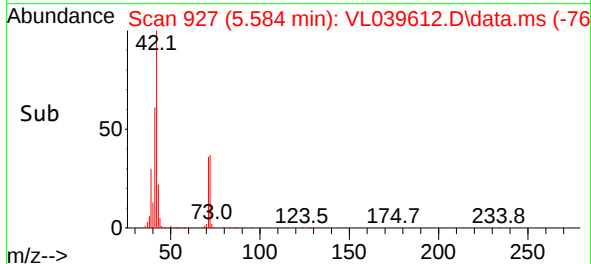
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 84815
Ion Ratio Lower Upper
42 100
72 38.7 31.8 47.8
71 38.0 31.8 47.8

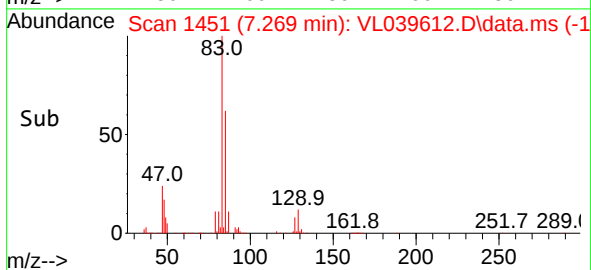
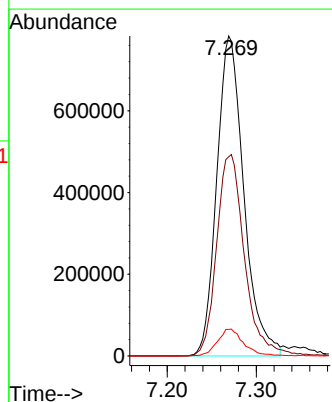
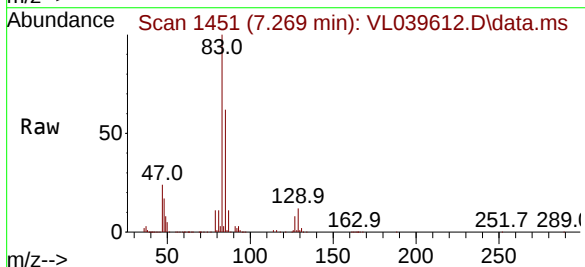
Manual Integrations
APPROVED

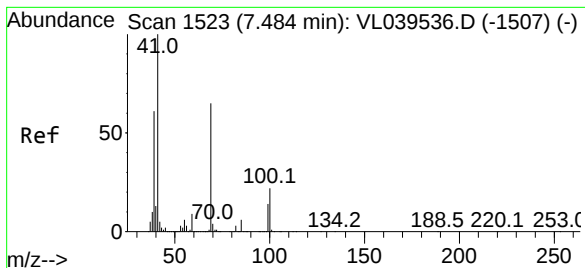
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#42
Bromodichloromethane
Concen: 11.064 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 83 Resp: 1653482
Ion Ratio Lower Upper
83 100
85 62.3 50.7 76.1
127 8.3 6.6 9.8





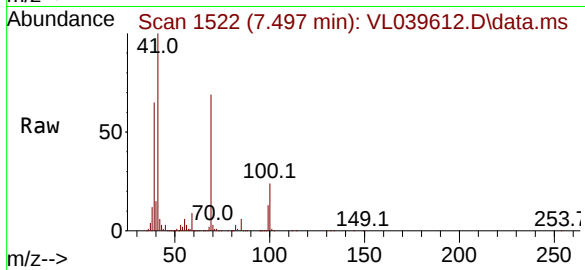
#43
Methyl Methacrylate
Concen: 11.767 ppbv
RT: 7.497 min Scan# 1522
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

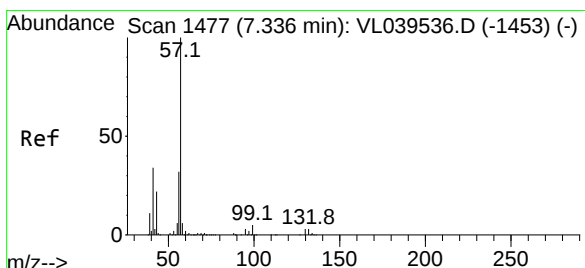
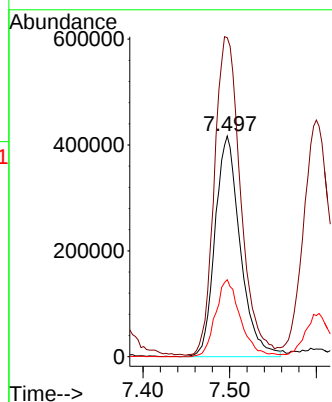
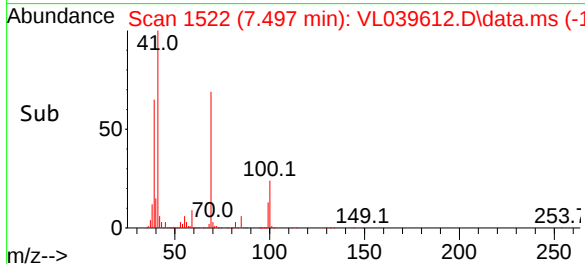


Tgt Ion: 69 Resp: 841349
Ion Ratio Lower Upper
69 100
41 151.4 120.8 181.2
100 34.8 27.8 41.6

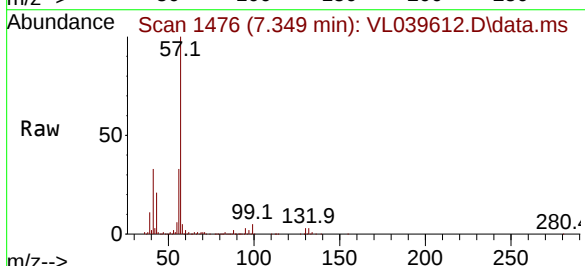
Manual Integrations

APPROVED

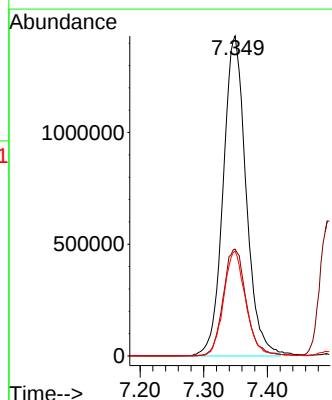
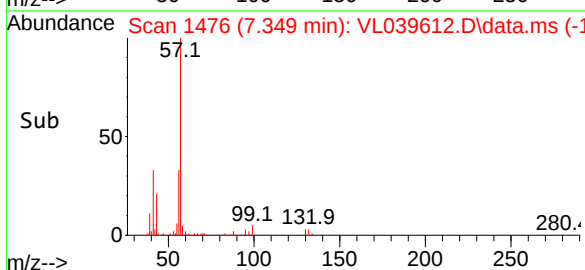
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

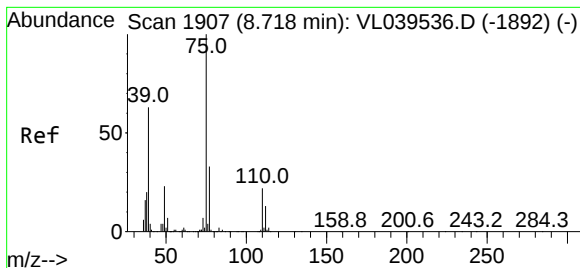


#44
2,2,4-Trimethylpentane
Concen: 10.702 ppbv
RT: 7.349 min Scan# 1476
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45



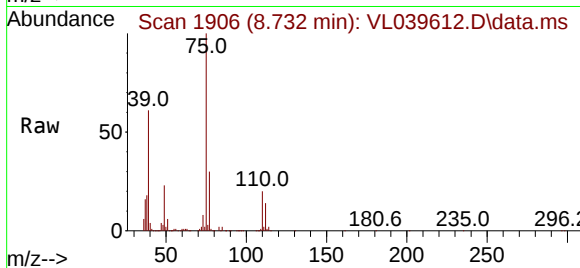
Tgt Ion: 57 Resp: 3577104
Ion Ratio Lower Upper
57 100
41 33.7 27.4 41.2
56 31.9 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 12.983 ppbv
RT: 8.732 min Scan# 1907
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

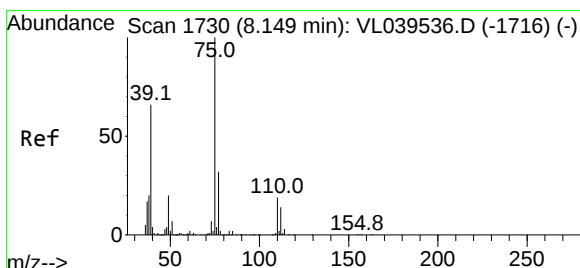
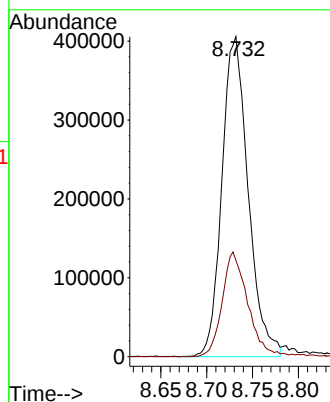
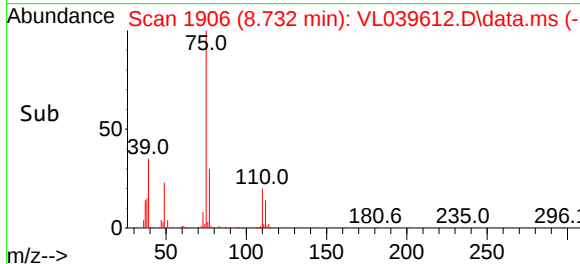
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 808434
Ion Ratio Lower Upper
75 100
77 30.1 24.6 36.8

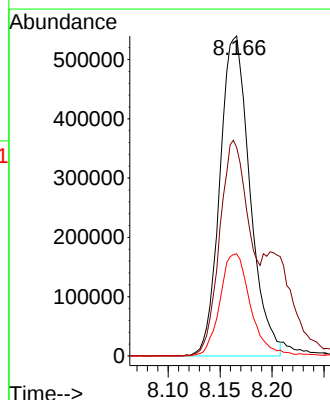
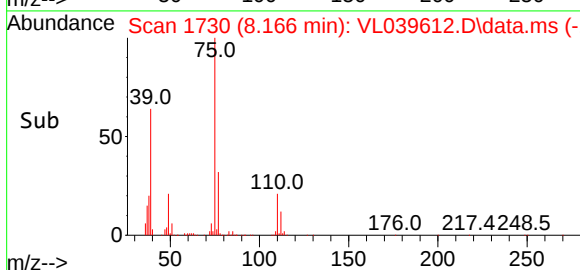
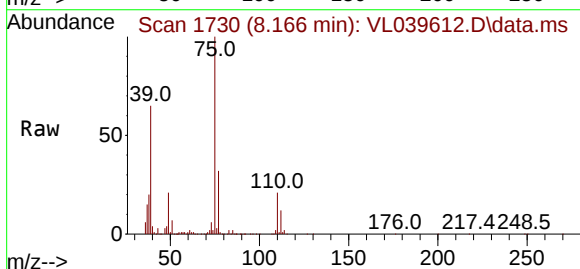
Manual Integrations
APPROVED

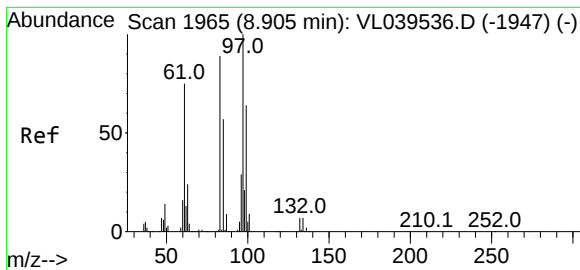
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#46
cis-1,3-Dichloropropene
Concen: 12.594 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. 0.017 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

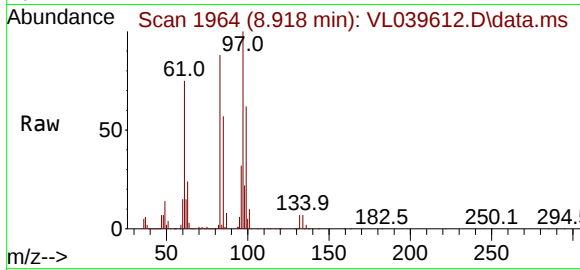
Tgt Ion: 75 Resp: 1086163
Ion Ratio Lower Upper
75 100
39 65.1 55.0 82.4
77 31.9 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 10.344 ppbv
RT: 8.918 min Scan# 1964
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

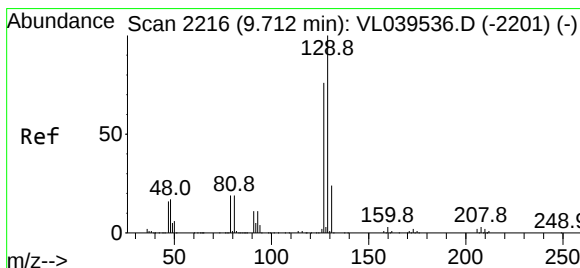
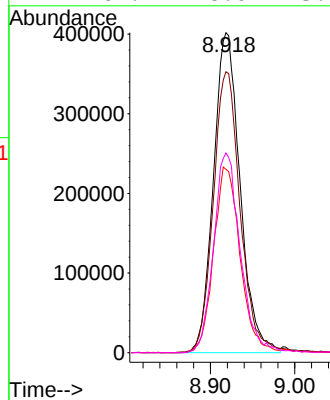
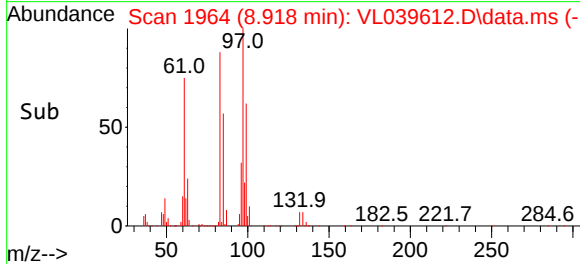
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 97 Resp: 880644
Ion Ratio Lower Upper
97 100
83 87.6 67.4 101.0
85 57.3 45.1 67.7
99 62.4 48.6 73.0

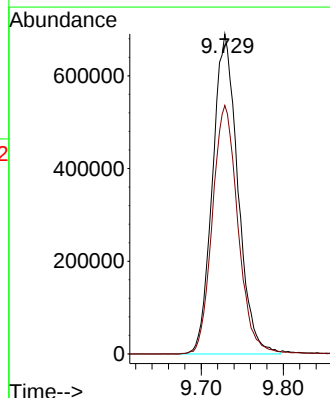
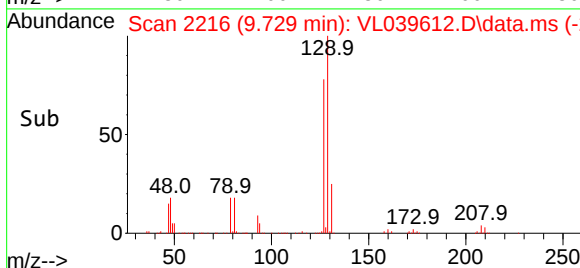
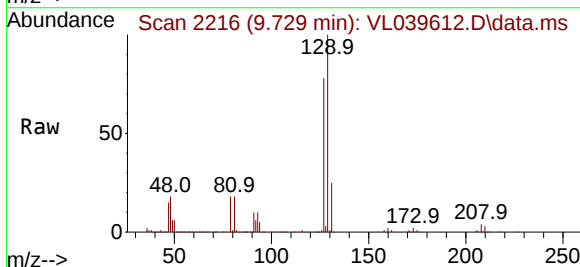
Manual Integrations
APPROVED

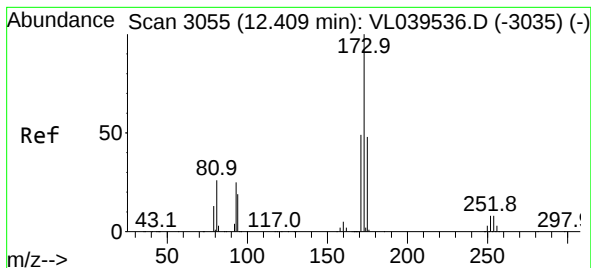
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#48
Dibromochloromethane
Concen: 11.781 ppbv
RT: 9.729 min Scan# 2216
Delta R.T. 0.017 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:129 Resp: 1478477
Ion Ratio Lower Upper
129 100
127 78.8 39.3 117.9





#49

Bromoform

Concen: 11.921 ppbv

RT: 12.426 min Scan# 3055

Delta R.T. 0.017 min

Lab File: VL039612.D

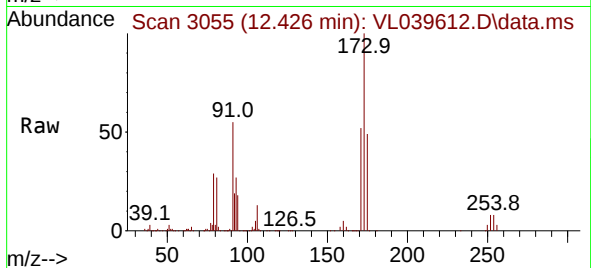
Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:173 Resp: 1239184

Ion Ratio Lower Upper

173 100

175 49.2 40.3 60.5

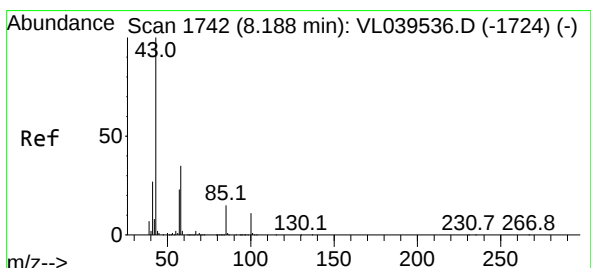
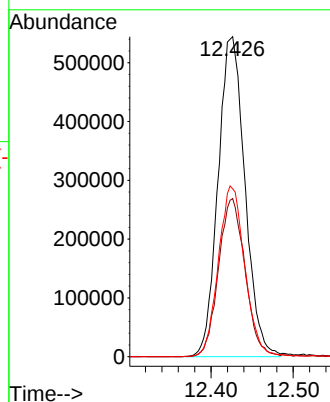
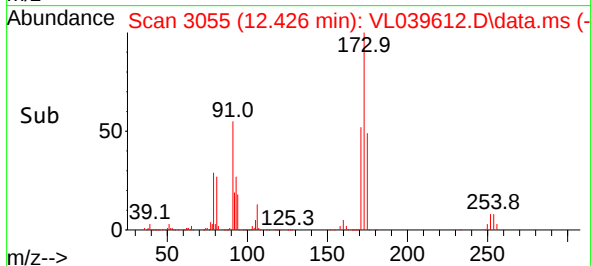
171 52.5 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#50

4-Methyl-2-Pentanone

Concen: 11.193 ppbv

RT: 8.201 min Scan# 1741

Delta R.T. 0.014 min

Lab File: VL039612.D

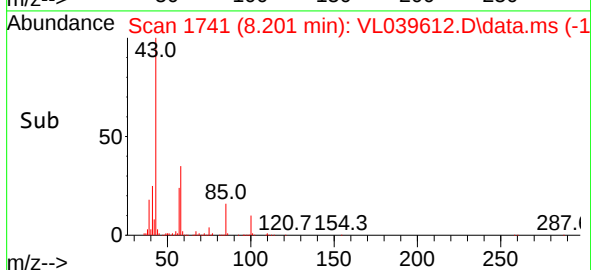
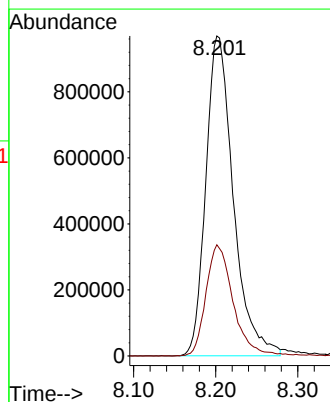
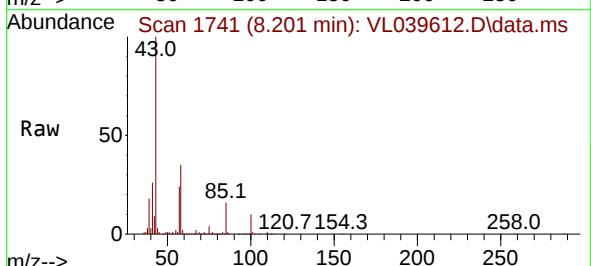
Acq: 31 Aug 2022 17:45

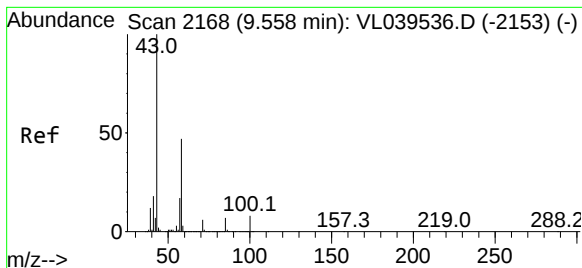
Tgt Ion: 43 Resp: 2254985

Ion Ratio Lower Upper

43 100

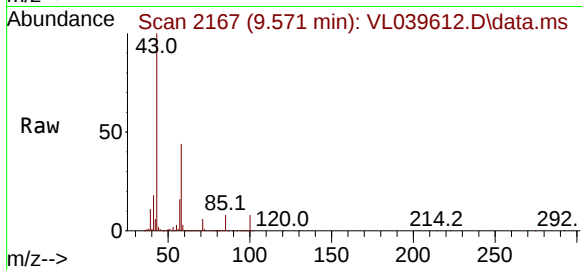
58 34.8 28.8 43.2





#51
2-Hexanone
Concen: 11.653 ppbv
RT: 9.571 min Scan# 2168
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

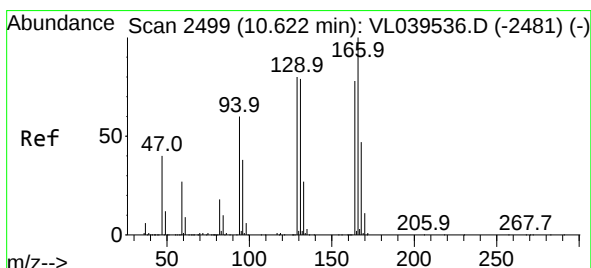
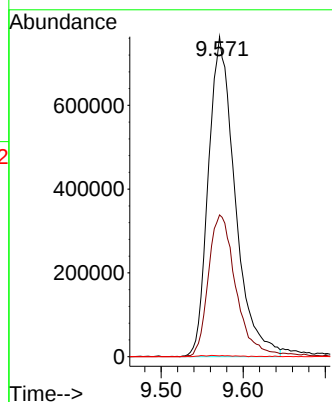
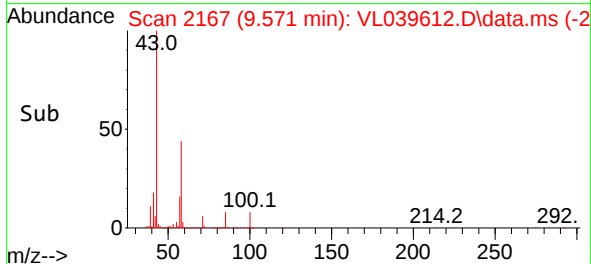
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1727920
Ion Ratio Lower Upper
43 100
58 46.4 38.4 57.6
98 0.5 0.3 0.5

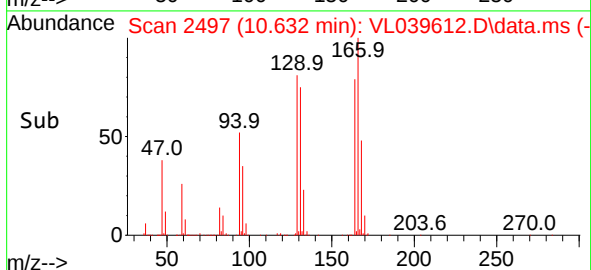
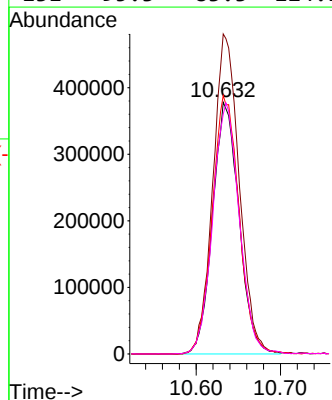
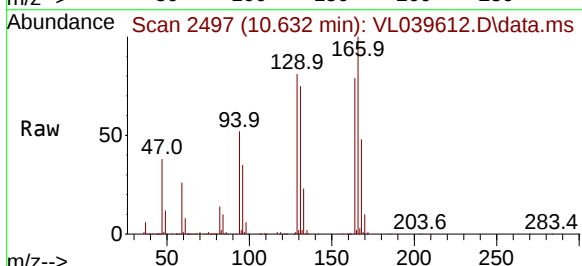
Manual Integrations
APPROVED

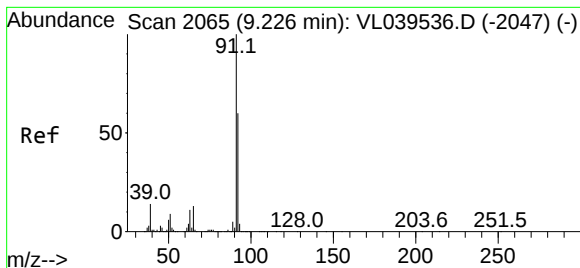
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#52
Tetrachloroethene
Concen: 10.933 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:164 Resp: 820149
Ion Ratio Lower Upper
164 100
166 127.0 102.2 153.2
129 102.8 85.8 128.8
131 95.3 83.3 124.9





#53

Toluene

Concen: 11.371 ppbv

RT: 9.243 min Scan# 2065

Delta R.T. 0.017 min

Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 2523189

Ion Ratio Lower Upper

91 100

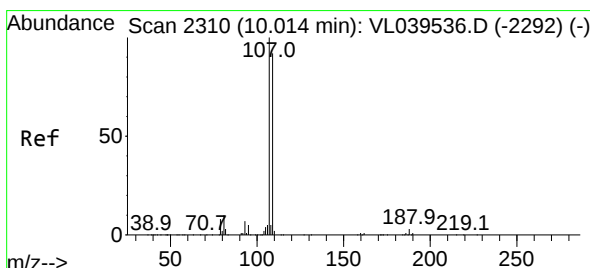
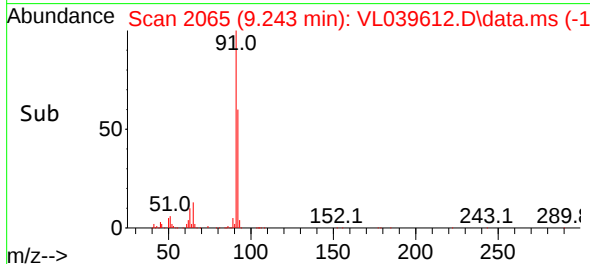
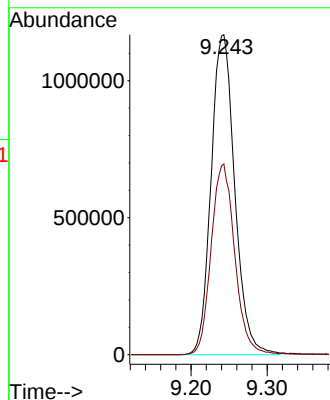
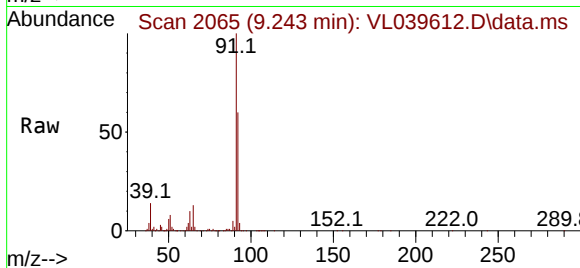
92 59.6 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#54

1,2-Dibromoethane

Concen: 11.227 ppbv

RT: 10.028 min Scan# 2309

Delta R.T. 0.014 min

Lab File: VL039612.D

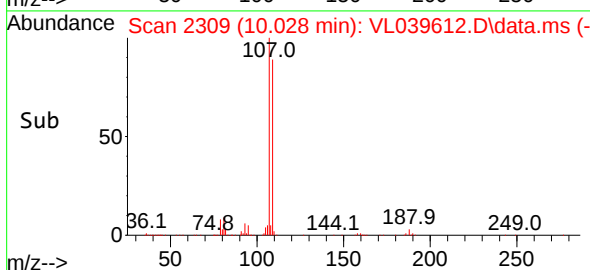
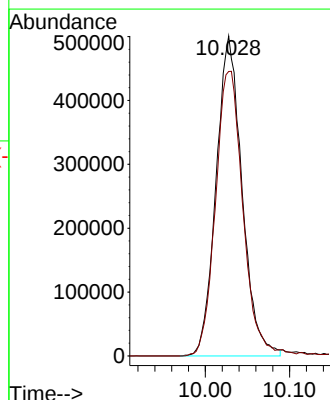
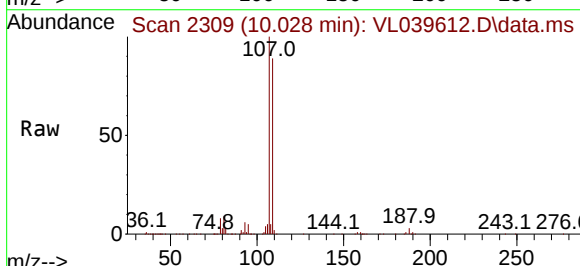
Acq: 31 Aug 2022 17:45

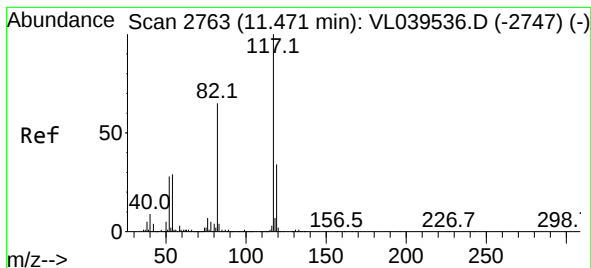
Tgt Ion:107 Resp: 1069055

Ion Ratio Lower Upper

107 100

109 88.9 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.487 min Scan# 2763

Delta R.T. 0.017 min

Lab File: VL039612.D

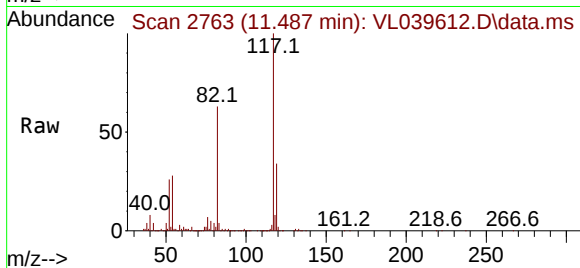
Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:117 Resp: 2547728

Ion Ratio Lower Upper

117 100

82 62.0 50.8 76.2

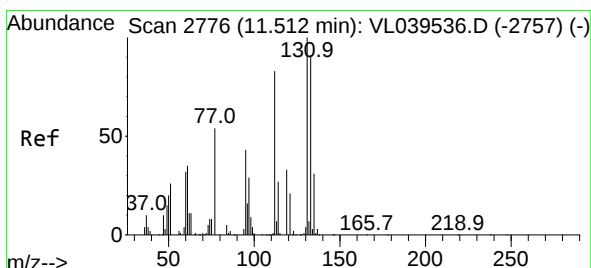
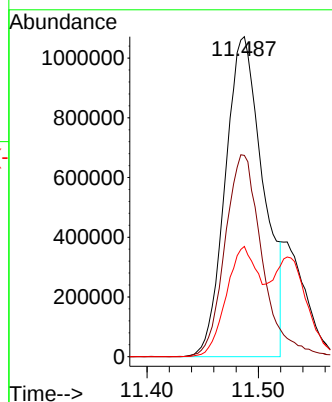
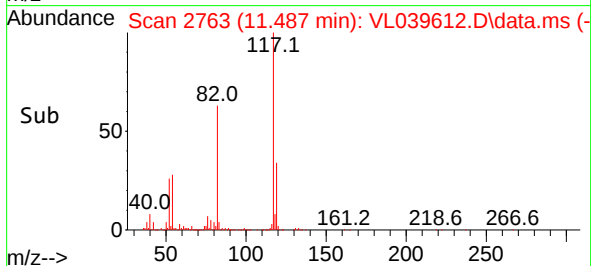
119 32.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.334 ppbv

RT: 11.529 min Scan# 2776

Delta R.T. 0.017 min

Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

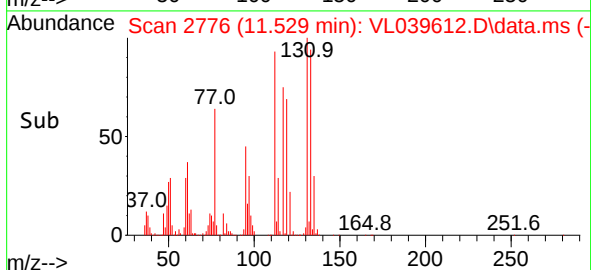
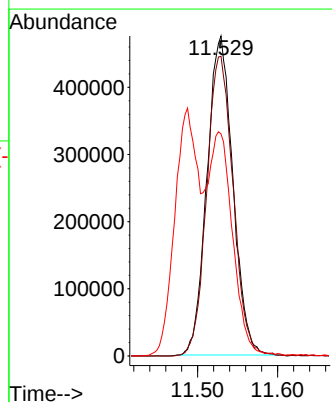
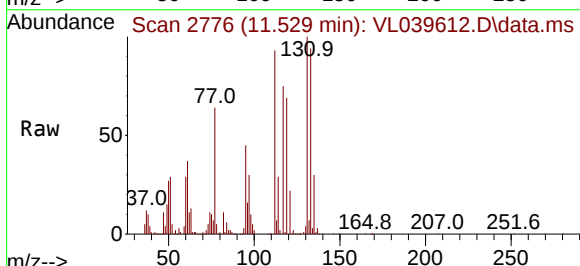
Tgt Ion:131 Resp: 1069729

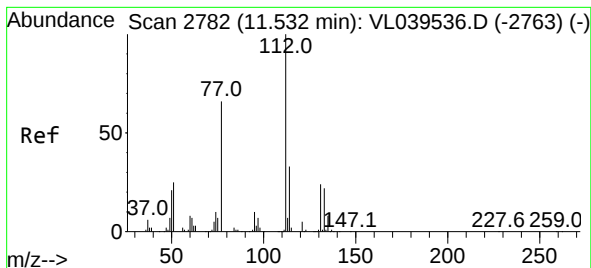
Ion Ratio Lower Upper

131 100

133 96.3 76.8 115.2

119 62.8 46.2 69.4





#57

Chlorobenzene

Concen: 10.188 ppbv

RT: 11.548 min Scan# 21

Delta R.T. 0.017 min

Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

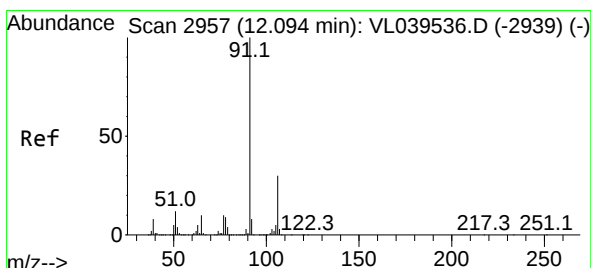
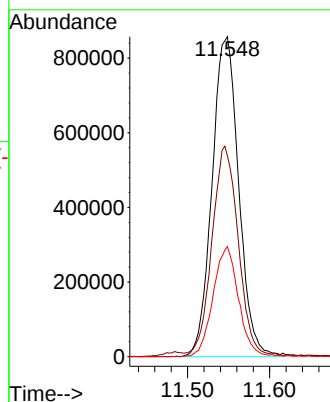
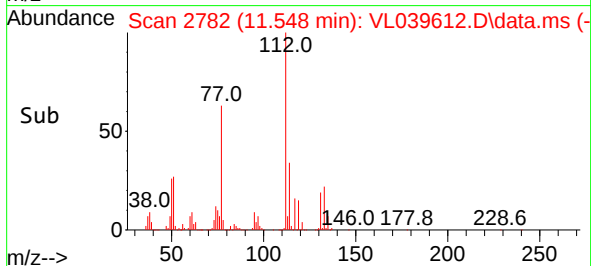
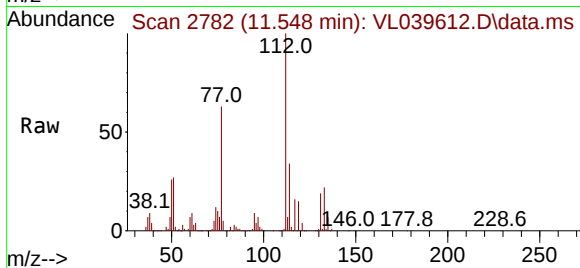
Tgt Ion: 112 Resp: 193636

Ion	Ratio	Lower	Upper
112	100		
77	62.2	51.0	76.4
114	34.4	27.5	33.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#58

Ethyl Benzene

Concen: 11.388 ppbv

RT: 12.108 min Scan# 2956

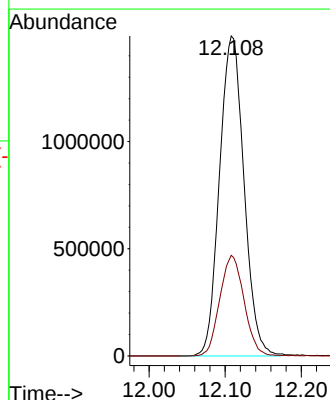
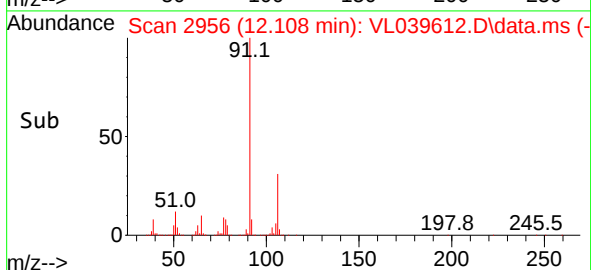
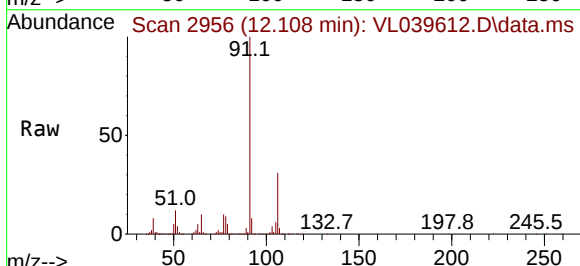
Delta R.T. 0.014 min

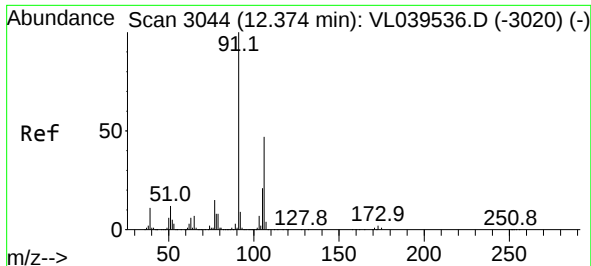
Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

Tgt Ion: 91 Resp: 3333467

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.4	38.0





#59

m/p-Xylene

Concen: 21.381 ppbv m

RT: 12.391 min Scan# 3044

Delta R.T. 0.017 min

Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 5614794

Ion Ratio Lower Upper

91 100

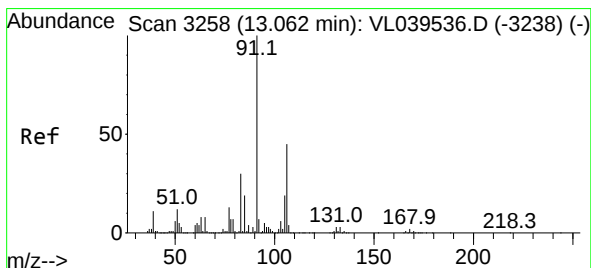
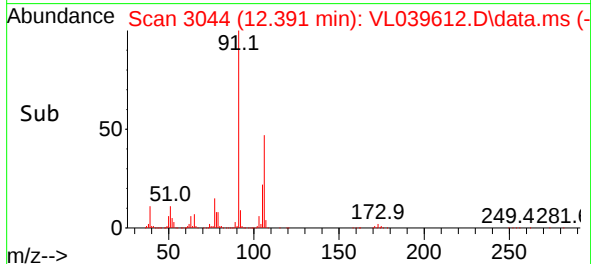
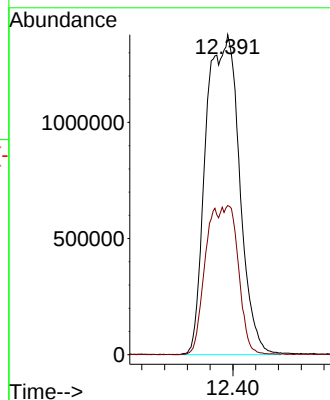
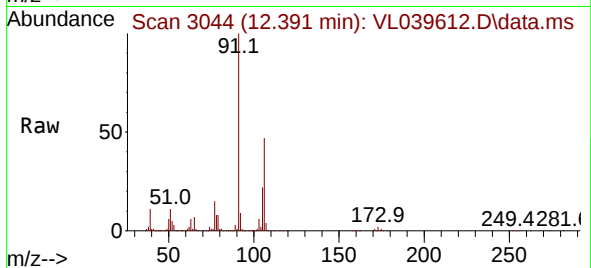
106 45.1 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#60

o-Xylene

Concen: 10.679 ppbv

RT: 13.079 min Scan# 3258

Delta R.T. 0.017 min

Lab File: VL039612.D

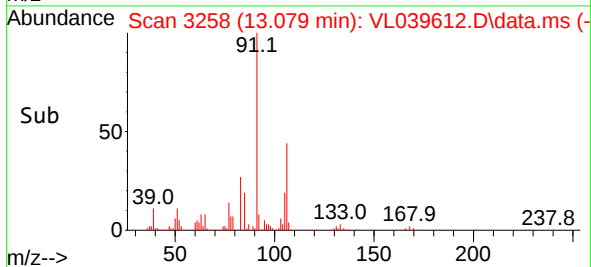
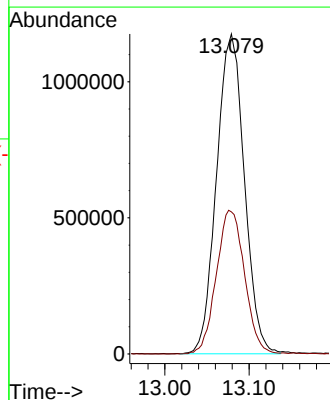
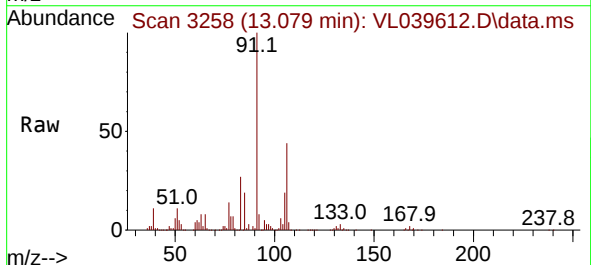
Acq: 31 Aug 2022 17:45

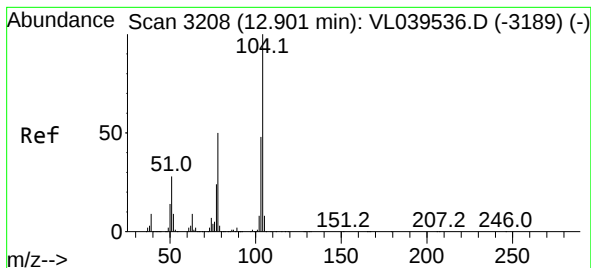
Tgt Ion: 91 Resp: 2691918

Ion Ratio Lower Upper

91 100

106 45.7 22.4 67.3





#61

Styrene

Concen: 12.091 ppbv

RT: 12.918 min Scan# 31

Delta R.T. 0.017 min

Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1623290

Ion Ratio Lower Upper

104 100

78 50.4 41.2 61.8

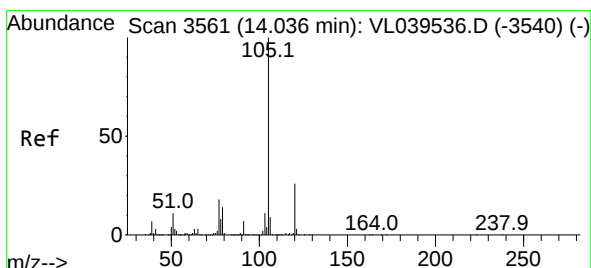
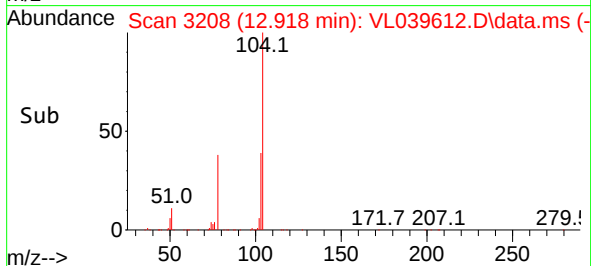
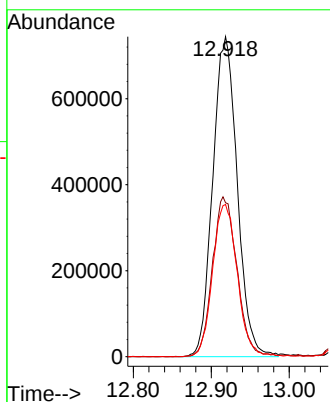
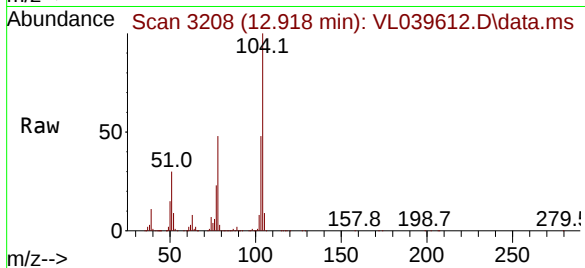
103 48.3 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#62

Isopropylbenzene

Concen: 10.363 ppbv

RT: 14.050 min Scan# 3560

Delta R.T. 0.014 min

Lab File: VL039612.D

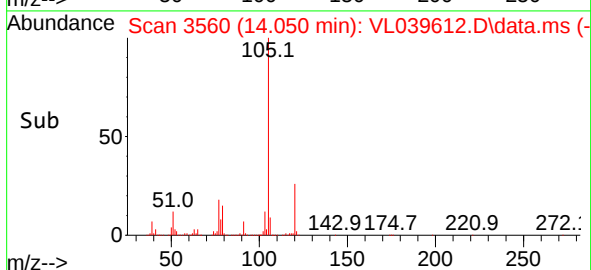
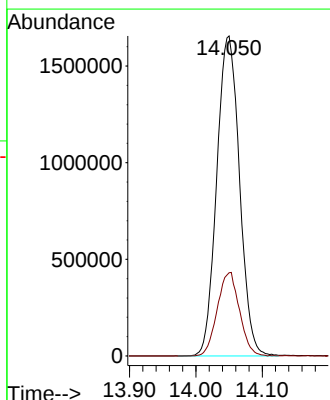
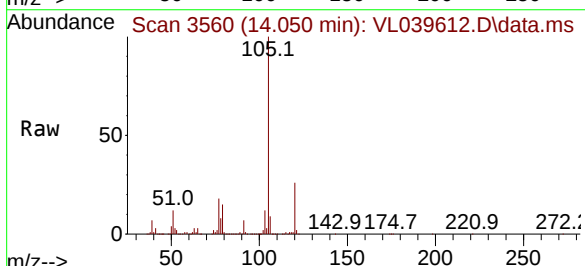
Acq: 31 Aug 2022 17:45

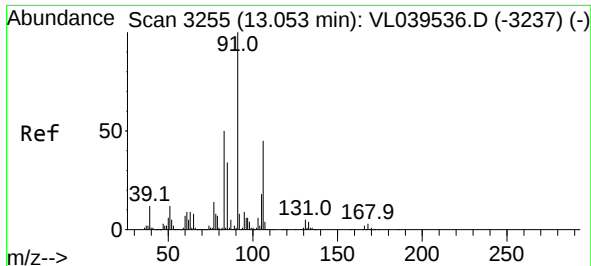
Tgt Ion:105 Resp: 3950305

Ion Ratio Lower Upper

105 100

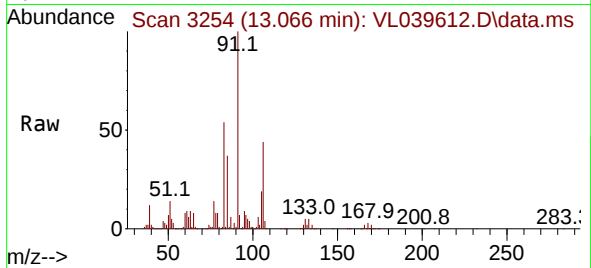
120 25.5 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.263 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

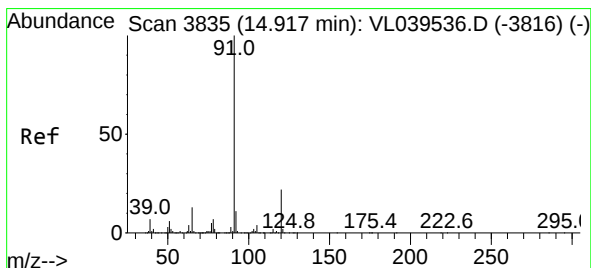
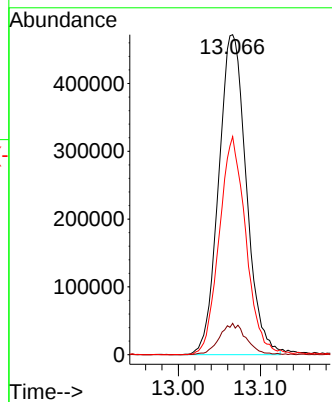
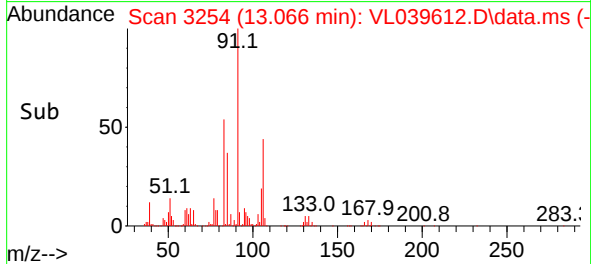
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



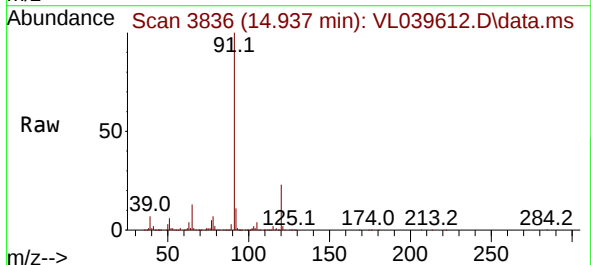
Tgt Ion: 83 Resp: 110581
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 66.5 33.1 99.5

Manual Integrations
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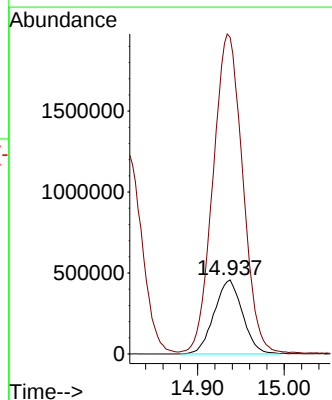
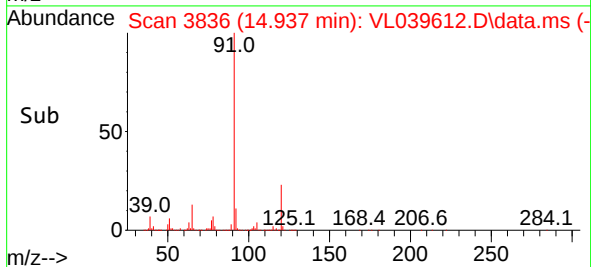
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

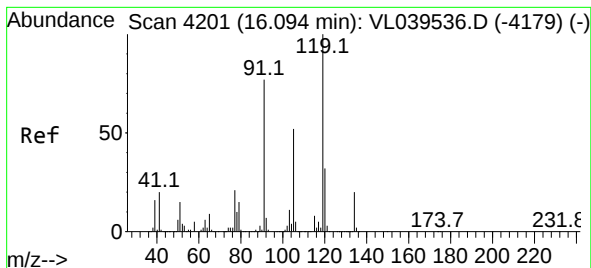


#64
n-propylbenzene
Concen: 10.467 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. 0.020 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45



Tgt Ion:120 Resp: 1036963
Ion Ratio Lower Upper
120 100
91 457.2 367.2 550.8





#65

tert-Butylbenzene

Concen: 10.233 ppbv

RT: 16.111 min Scan# 41

Delta R.T. 0.017 min

Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 119 Resp: 3467329

Ion Ratio Lower Upper

119 100

91 79.3 63.4 95.2

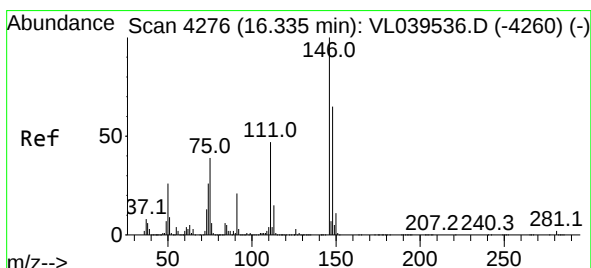
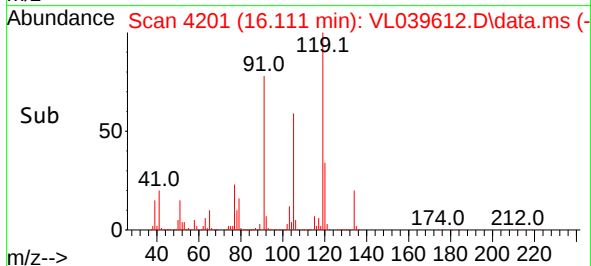
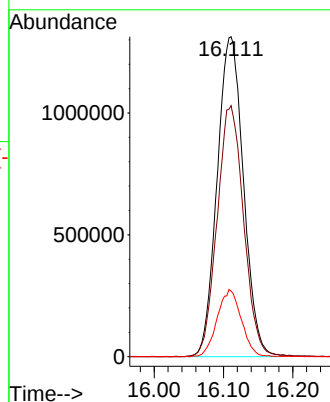
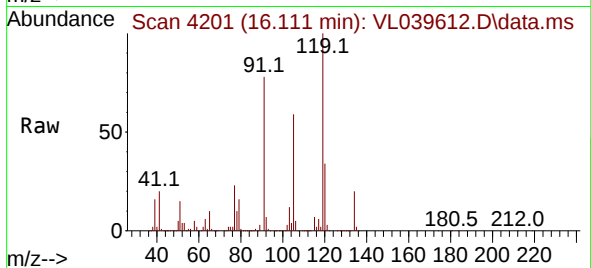
134 19.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#66

Benzyl Chloride

Concen: 11.585 ppbv

RT: 16.343 min Scan# 4273

Delta R.T. 0.007 min

Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

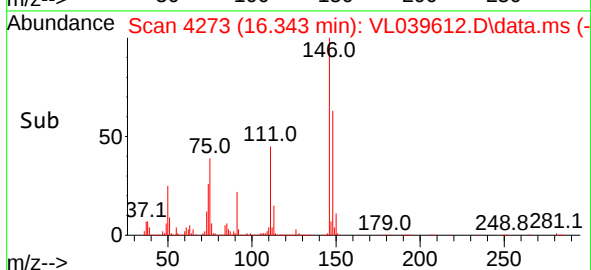
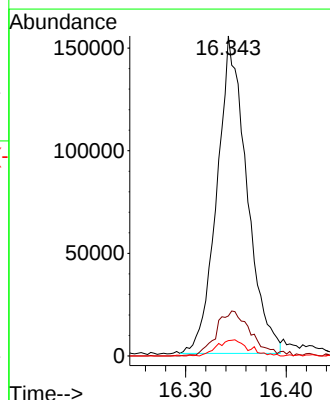
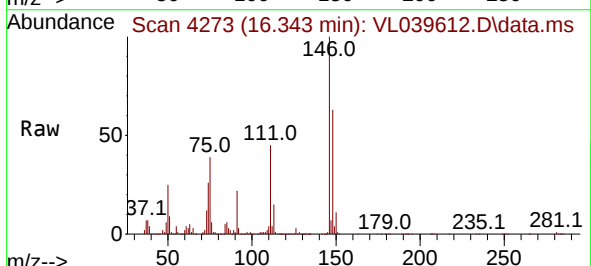
Tgt Ion: 91 Resp: 318853

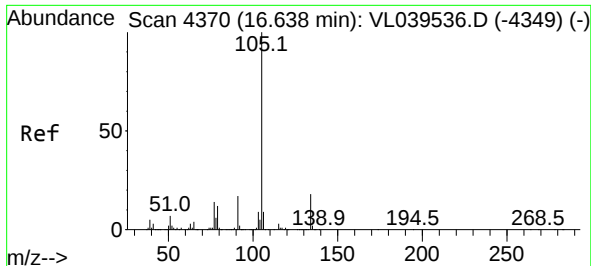
Ion Ratio Lower Upper

91 100

126 16.8 13.1 19.7

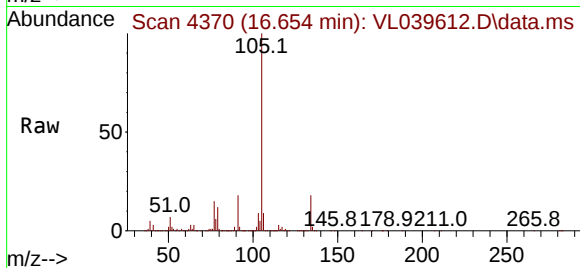
128 5.4 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.005 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.017 min
 Lab File: VL039612.D
 Acq: 31 Aug 2022 17:45

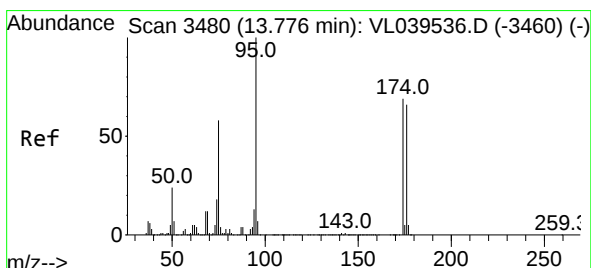
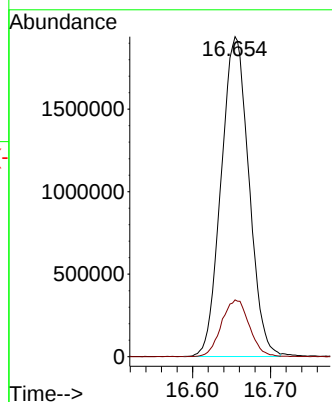
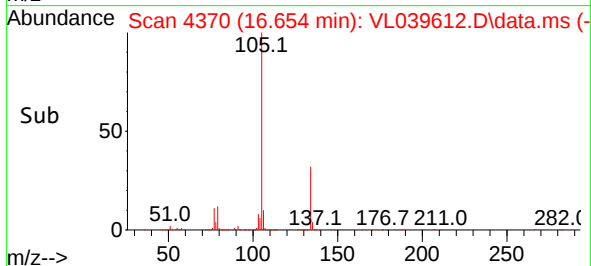
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



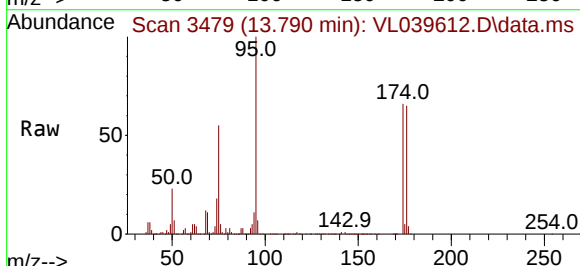
Tgt Ion: 105 Resp: 480145
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.8 22.2

Manual Integrations
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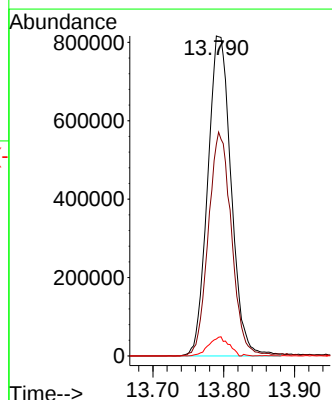
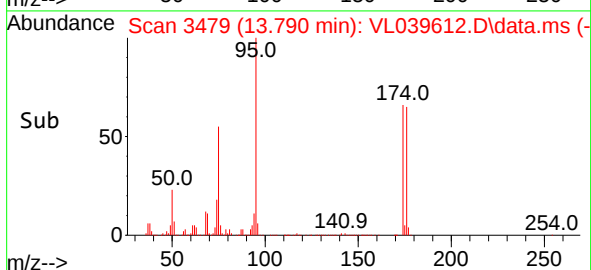
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022

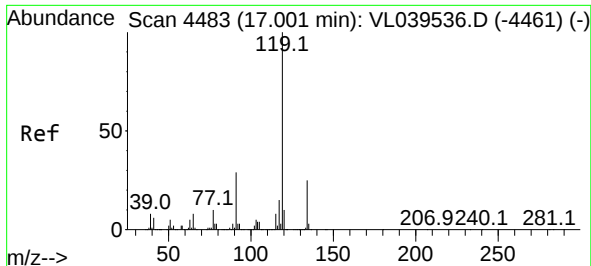


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.772 ppbv
 RT: 13.790 min Scan# 3479
 Delta R.T. 0.014 min
 Lab File: VL039612.D
 Acq: 31 Aug 2022 17:45



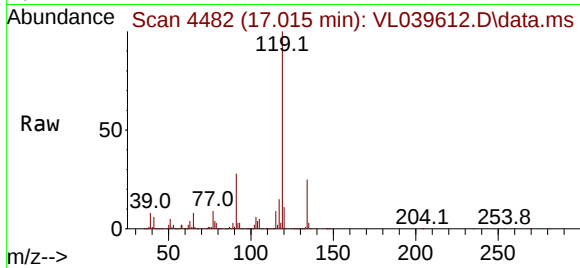
Tgt Ion: 95 Resp: 1878158
 Ion Ratio Lower Upper
 95 100
 174 69.8 55.9 83.9
 175 5.3 4.2 6.4





#69
p-Isopropyltoluene
Concen: 10.158 ppbv
RT: 17.015 min Scan# 4482
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

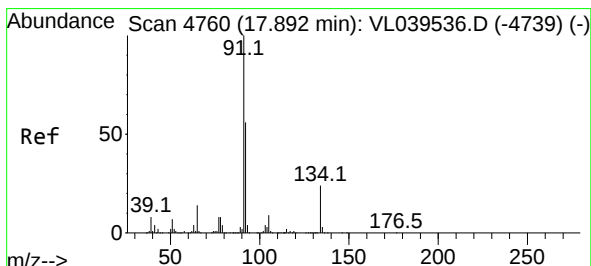
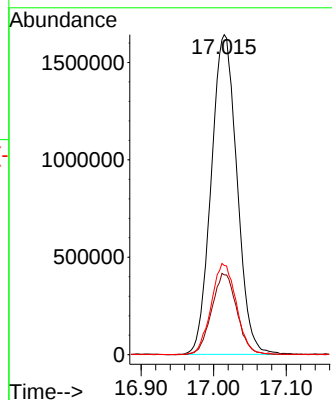
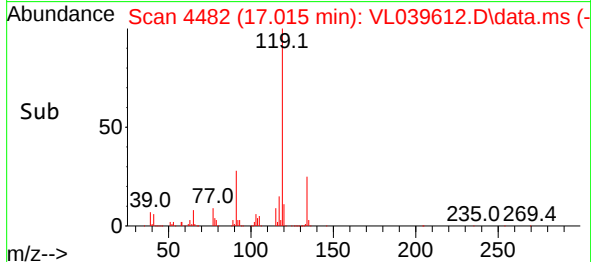
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



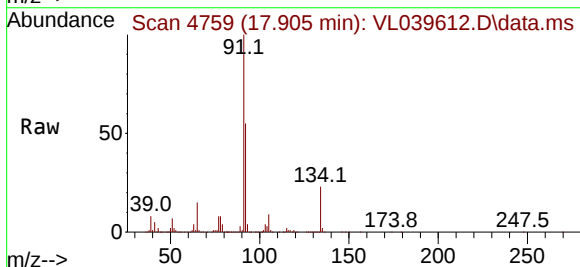
Tgt Ion:119 Resp: 4046758
Ion Ratio Lower Upper
119 100
134 25.0 20.3 30.5
91 28.3 22.9 34.3

Manual Integrations
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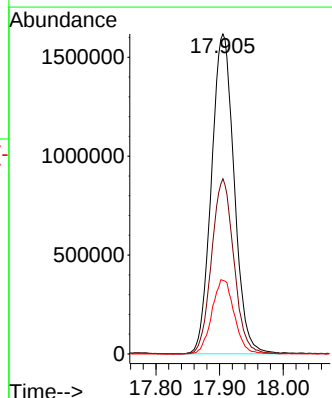
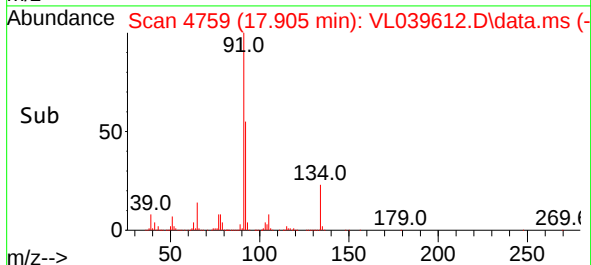
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

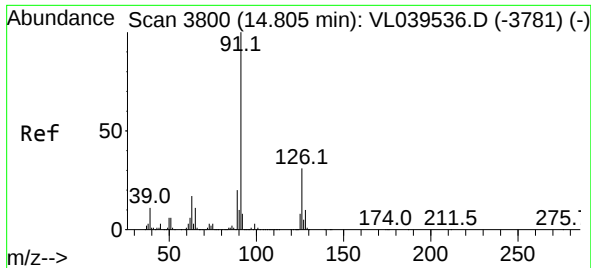


#70
n-Butylbenzene
Concen: 10.114 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45



Tgt Ion: 91 Resp: 4008848
Ion Ratio Lower Upper
91 100
92 53.9 43.4 65.2
134 23.0 18.9 28.3





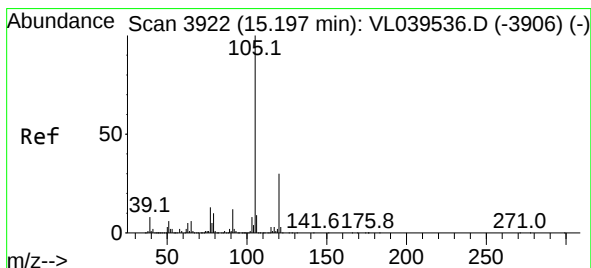
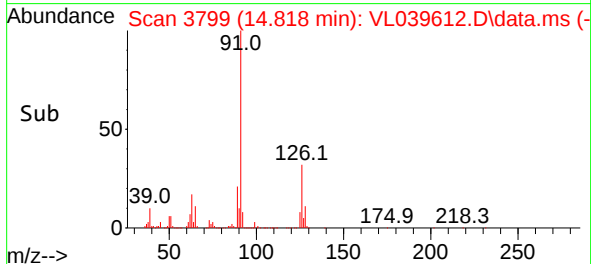
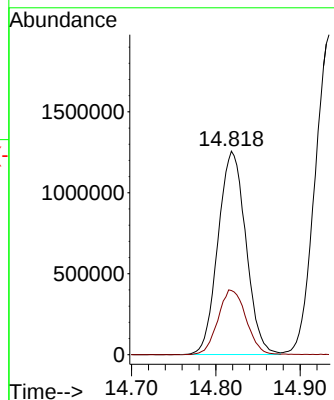
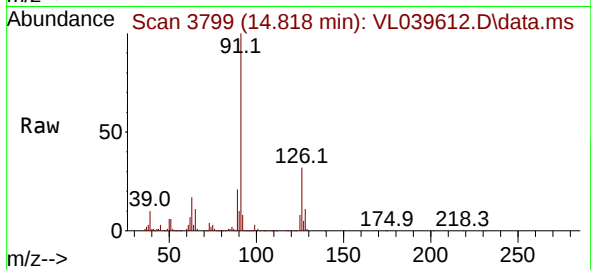
#71
2-Chlorotoluene
Concen: 10.456 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 288675
Ion Ratio Lower Upper
91 100
126 32.2 13.0 51.8

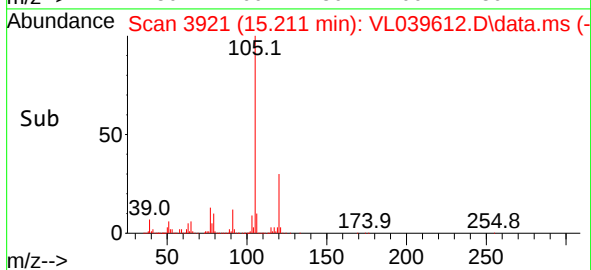
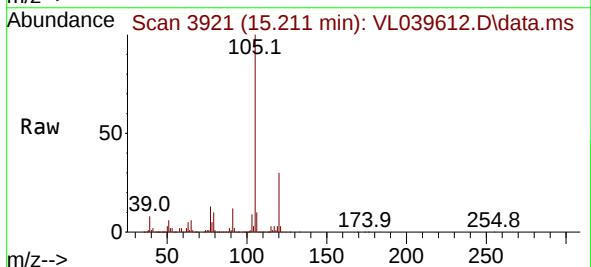
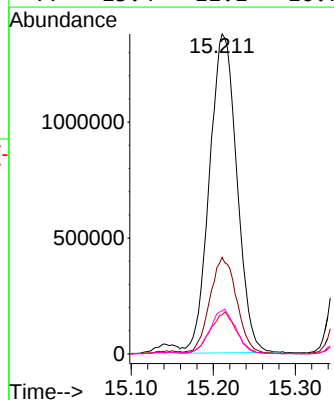
Manual Integrations
APPROVED

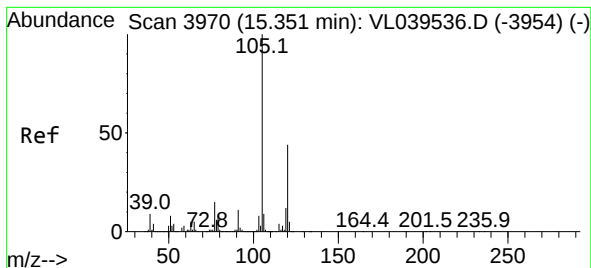
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#72
4-Ethyltoluene
Concen: 10.842 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.014 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:105 Resp: 3195739
Ion Ratio Lower Upper
105 100
120 30.0 24.2 36.2
91 13.2 10.2 15.4
77 13.4 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.581 ppbv

RT: 15.368 min Scan# 3970

Delta R.T. 0.017 min

Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 2850070

Ion Ratio Lower Upper

105 100

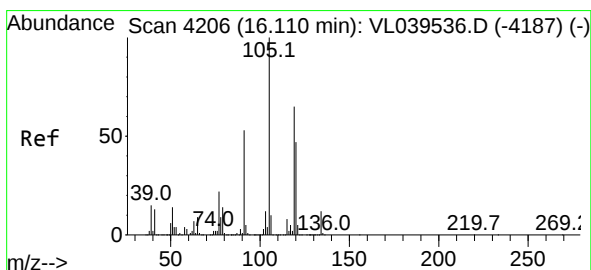
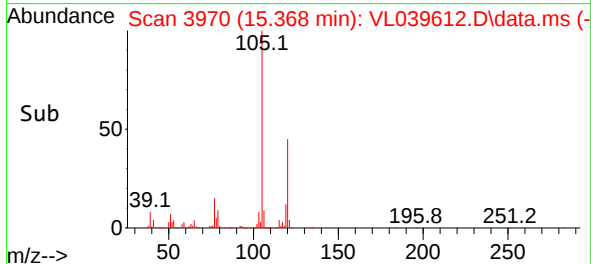
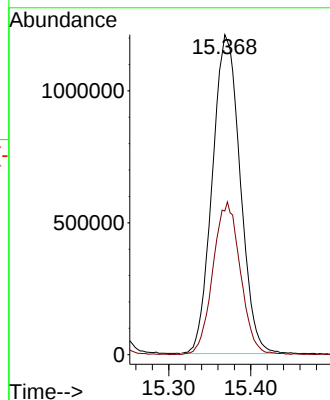
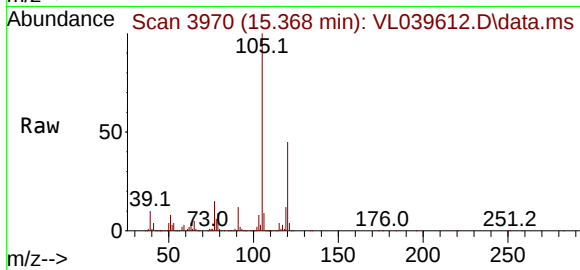
120 45.0 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.164 ppbv

RT: 16.127 min Scan# 4206

Delta R.T. 0.017 min

Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

Tgt Ion:105 Resp: 3050472

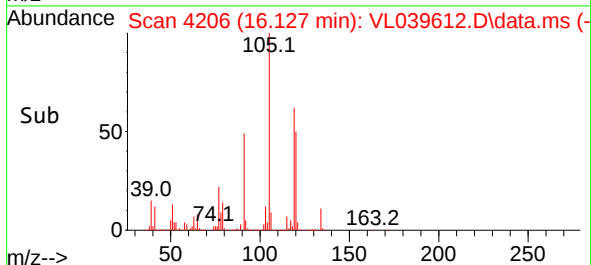
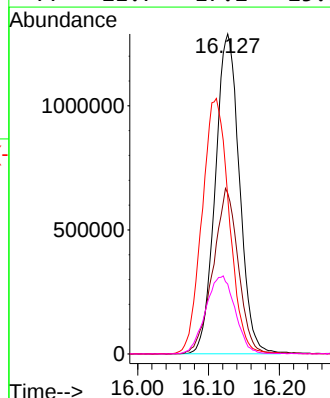
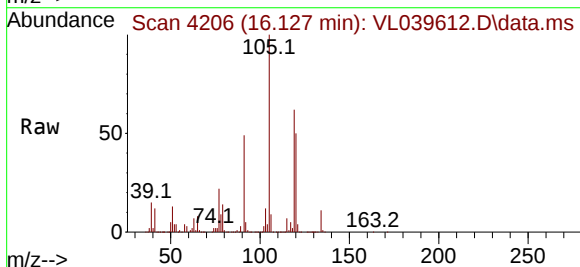
Ion Ratio Lower Upper

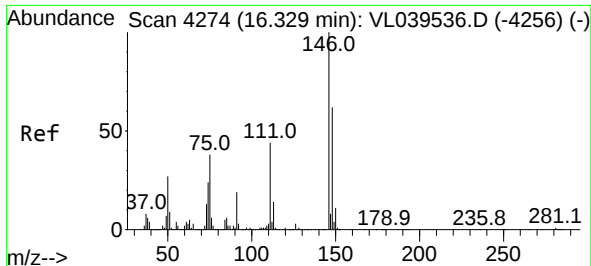
105 100

120 50.2 39.5 59.3

91 48.9 39.2 58.8

77 21.7 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 9.997 ppbv

RT: 16.349 min Scan# 4319

Delta R.T. 0.020 min

Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 1824260

Ion Ratio Lower Upper

146 100

111 45.4 22.9 68.7

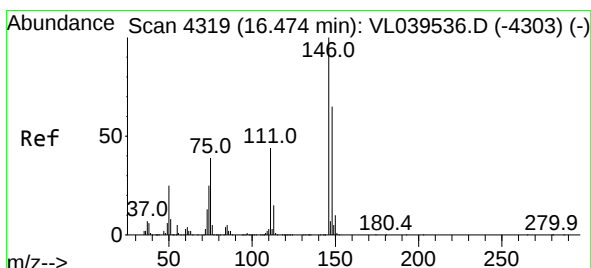
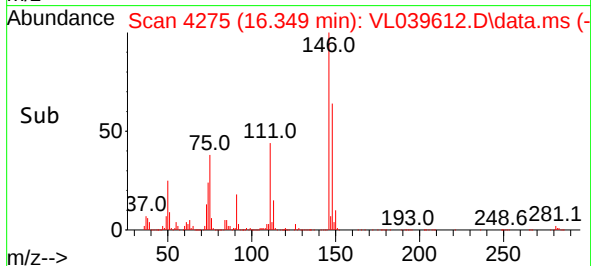
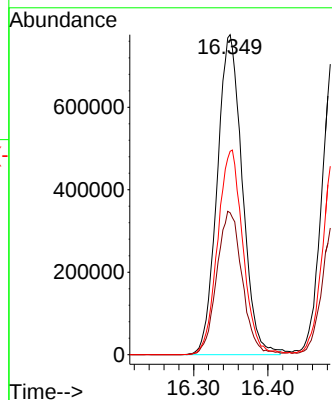
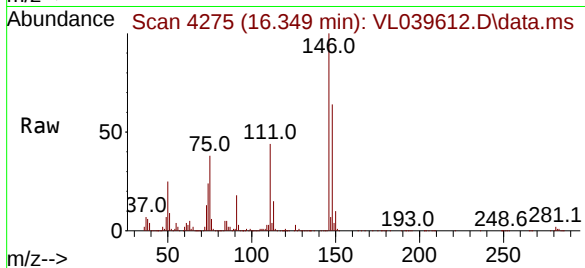
148 64.6 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#76

1,4-Dichlorobenzene

Concen: 9.727 ppbv

RT: 16.490 min Scan# 4319

Delta R.T. 0.017 min

Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

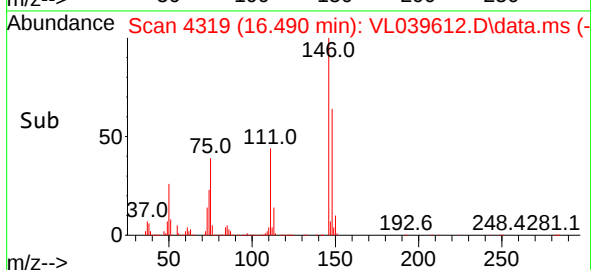
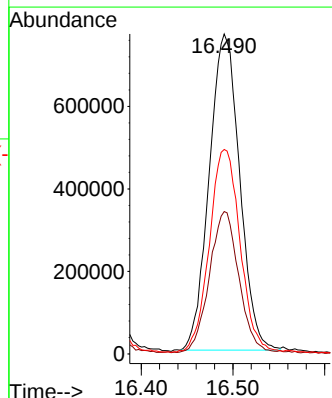
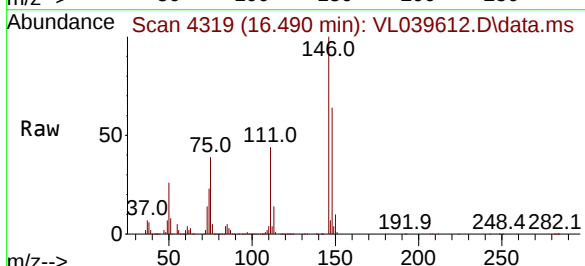
Tgt Ion:146 Resp: 1768373

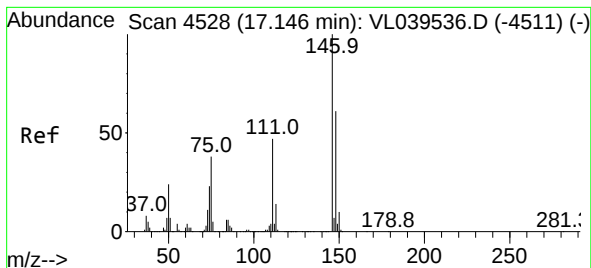
Ion Ratio Lower Upper

146 100

111 44.8 22.9 68.8

148 66.8 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 9.807 ppbv

RT: 17.159 min Scan# 4528

Delta R.T. 0.014 min

Lab File: VL039612.D

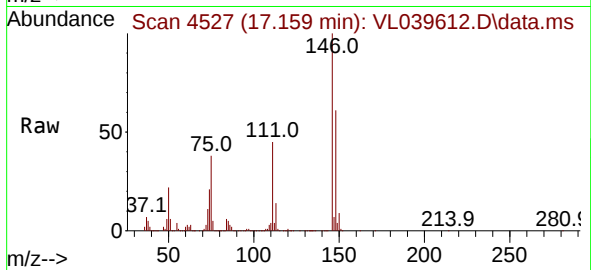
Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:146 Resp: 1752370

Ion Ratio Lower Upper

146 100

111 46.5 23.8 71.5

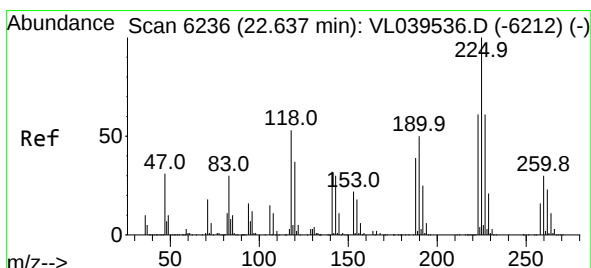
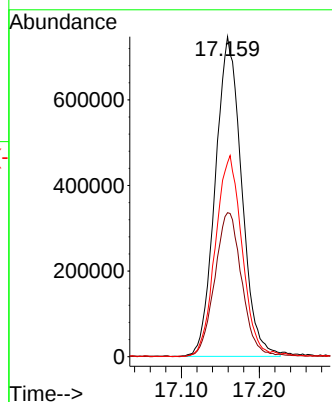
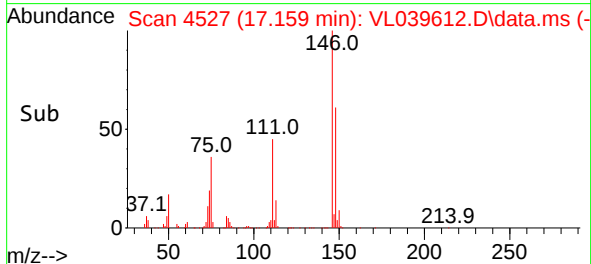
148 64.4 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#78

Hexachloro-1,3-Butadiene

Concen: 10.123 ppbv

RT: 22.648 min Scan# 6234

Delta R.T. 0.010 min

Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

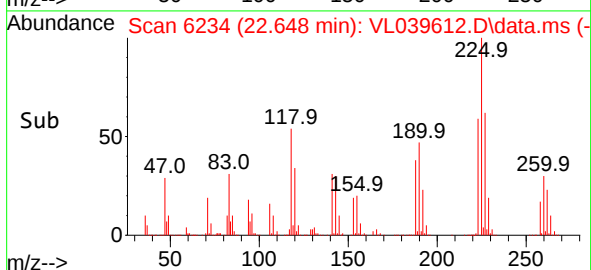
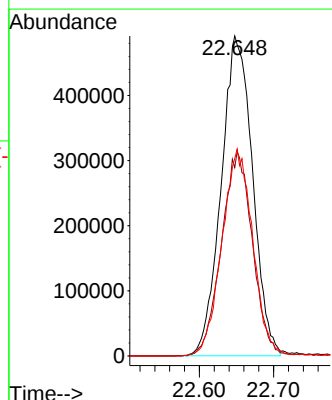
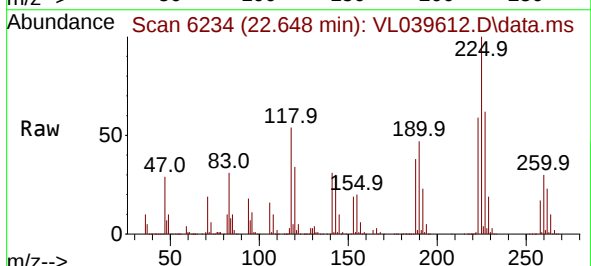
Tgt Ion:225 Resp: 1440598

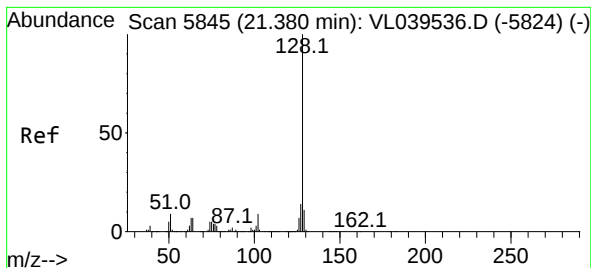
Ion Ratio Lower Upper

225 100

223 63.9 51.8 77.6

227 64.0 51.4 77.2





#79

Naphthalene

Concen: 13.836 ppbv

RT: 21.400 min Scan# 5846

Delta R.T. 0.020 min

Lab File: VL039612.D

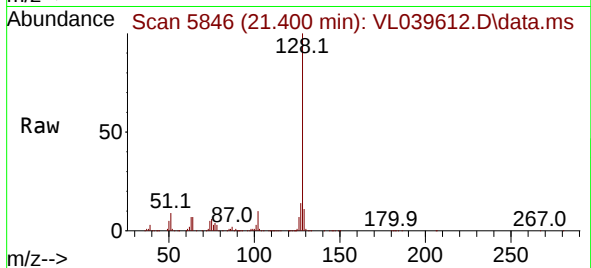
Acq: 31 Aug 2022 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:128 Resp: 295726

Ion Ratio Lower Upper

128 100

127 14.1 10.6 15.8

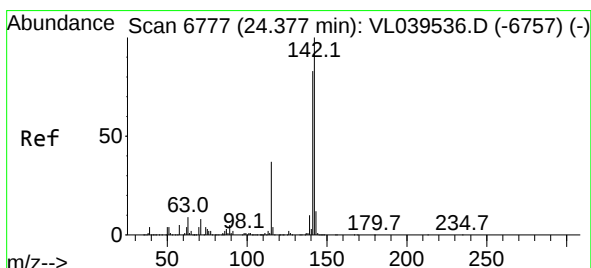
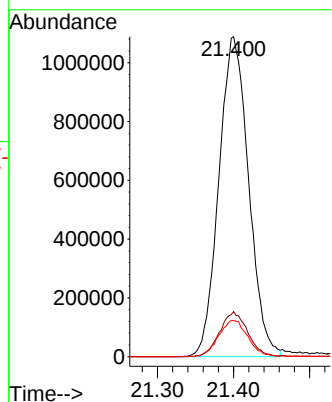
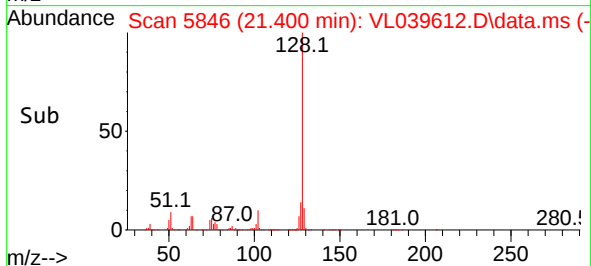
129 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#80

Naphthalene,2-methyl-

Concen: 13.497 ppbv

RT: 24.390 min Scan# 6776

Delta R.T. 0.014 min

Lab File: VL039612.D

Acq: 31 Aug 2022 17:45

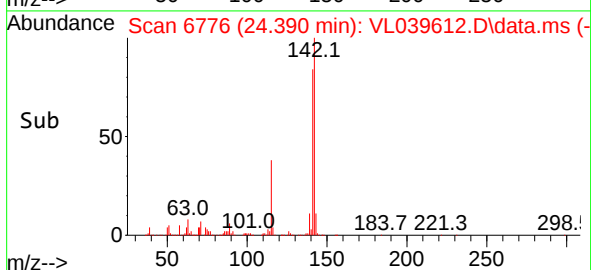
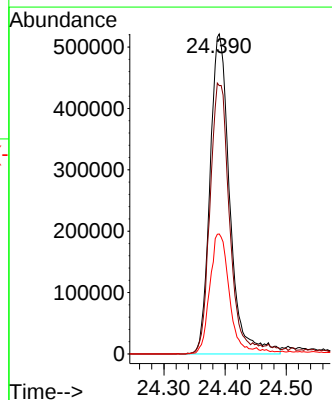
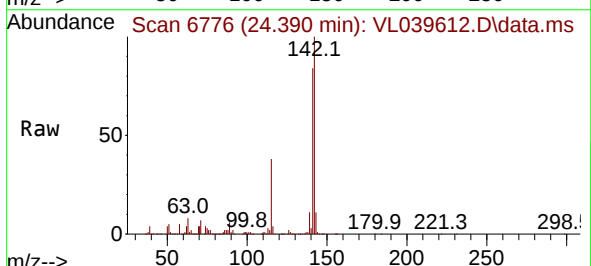
Tgt Ion:142 Resp: 1170802

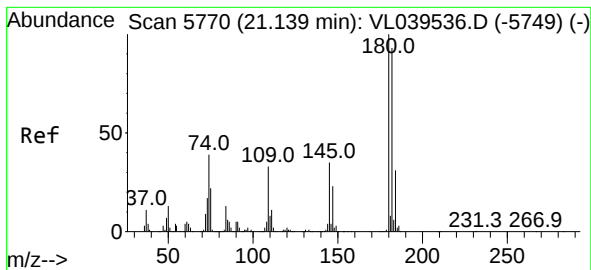
Ion Ratio Lower Upper

142 100

141 88.1 68.9 103.3

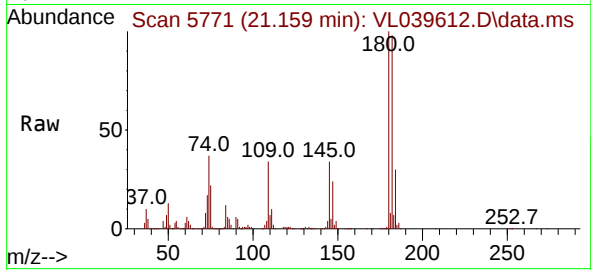
115 38.2 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 11.636 ppbv m
 RT: 21.159 min Scan# 51
 Delta R.T. 0.020 min
 Lab File: VL039612.D
 Acq: 31 Aug 2022 17:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 166083
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.1 115.7
 184 30.4 24.3 36.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022

