

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL038005.D
 Acq On : 10 Nov 2021 7:56
 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 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 10 08:29:01 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 9 08:29:01 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	1426117	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	4141590	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	3615450	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.410 95 2618134 9.962 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.054	85	1941134	9.661	ppbv	96
3) Chlorodifluoromethane	2.996	51	2452561	9.238	ppbv	99
4) Chloromethane	3.147	50	853412	8.458	ppbv	100
5) Vinyl Chloride	3.263	62	870515	8.952	ppbv	99
6) Bromomethane	3.481	94	291496	5.549	ppbv	96
7) Chloroethane	3.562	64	296747	8.454	ppbv	98
8) Dichlorotetrafluoroethane	3.192	85	1992658	8.609	ppbv	99
9) Propene	3.018	41	878996	9.234	ppbv	97
10) Heptane	8.121	43	2152246	9.719	ppbv	98
11) Trichlorofluoromethane	3.954	101	1748316	8.738	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.491	101	1384620	8.878	ppbv	100
13) Ethanol	3.607	45	96656m	10.065	ppbv	
14) Bromoethene	3.745	108	610431	8.947	ppbv	98
15) Acetone	3.854	43	1019401	8.650	ppbv	100
16) 1,3-Butadiene	3.333	39	929334	10.008	ppbv	92
17) tert-Butyl alcohol	4.288	59	1160330	9.470	ppbv	97
18) 1,1-Dichloroethene	4.291	96	617823	8.607	ppbv	96
19) Isopropyl Alcohol	3.967	45	698525	9.269	ppbv #	91
20) Methylene Chloride	4.349	84	505082	7.807	ppbv	99
21) Allyl Chloride	4.417	41	854090	7.855	ppbv	99
22) trans-1,2-Dichloroethene	4.886	96	628285	8.808	ppbv	95
23) Vinyl Acetate	5.073	43	1541349	8.687	ppbv #	98
24) 1,1-Dichloroethane	5.012	63	1306251	8.911	ppbv	99
25) Ethyl Acetate	5.677	43	3163768	9.039	ppbv	100
26) Hexane	5.687	57	1538448	9.277	ppbv	97
27) Carbon Disulfide	4.555	76	1467208	8.962	ppbv	98
28) Methyl tert-Butyl Ether	5.034	73	1304603	9.357	ppbv	99
29) Chloroform	5.751	83	2101766	8.499	ppbv	100
30) Cyclohexane	7.127	84	1325855	9.353	ppbv	100
31) cis-1,2-Dichloroethene	5.552	61	1437980	9.504	ppbv	98
32) 1,1,1-Trichloroethane	6.510	97	2037985	8.384	ppbv	99
34) 2-Butanone	5.243	43	1460076	9.514	ppbv	99
35) Carbon Tetrachloride	7.018	117	2040031	8.148	ppbv	98
36) Benzene	6.889	78	3208577	9.513	ppbv	99
37) 1,2-Dichloroethane	6.304	62	1463589	9.128	ppbv	99
38) Trichloroethene	7.835	130	1207376	8.625	ppbv	96
39) 1,2-Dichloropropane	7.610	63	1242868	9.794	ppbv	95
40) 1,4-Dioxane	7.831	88	285797	8.551	ppbv #	1
41) Tetrahydrofuran	6.053	42	744158	9.910	ppbv	97
42) Bromodichloromethane	7.790	83	2242784	9.251	ppbv	98
43) Methyl Methacrylate	8.012	69	1193535	10.781	ppbv	98
44) 2,2,4-Trimethylpentane	7.870	57	5457059	9.513	ppbv	98
45) t-1,3-Dichloropropene	9.275	75	365760	4.496	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL038005.D
 Acq On : 10 Nov 2021 7:56
 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 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 10 08:29:01 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 9 08:29:01 2021

QLast Update : Tue Nov 02 05:54:07 2021

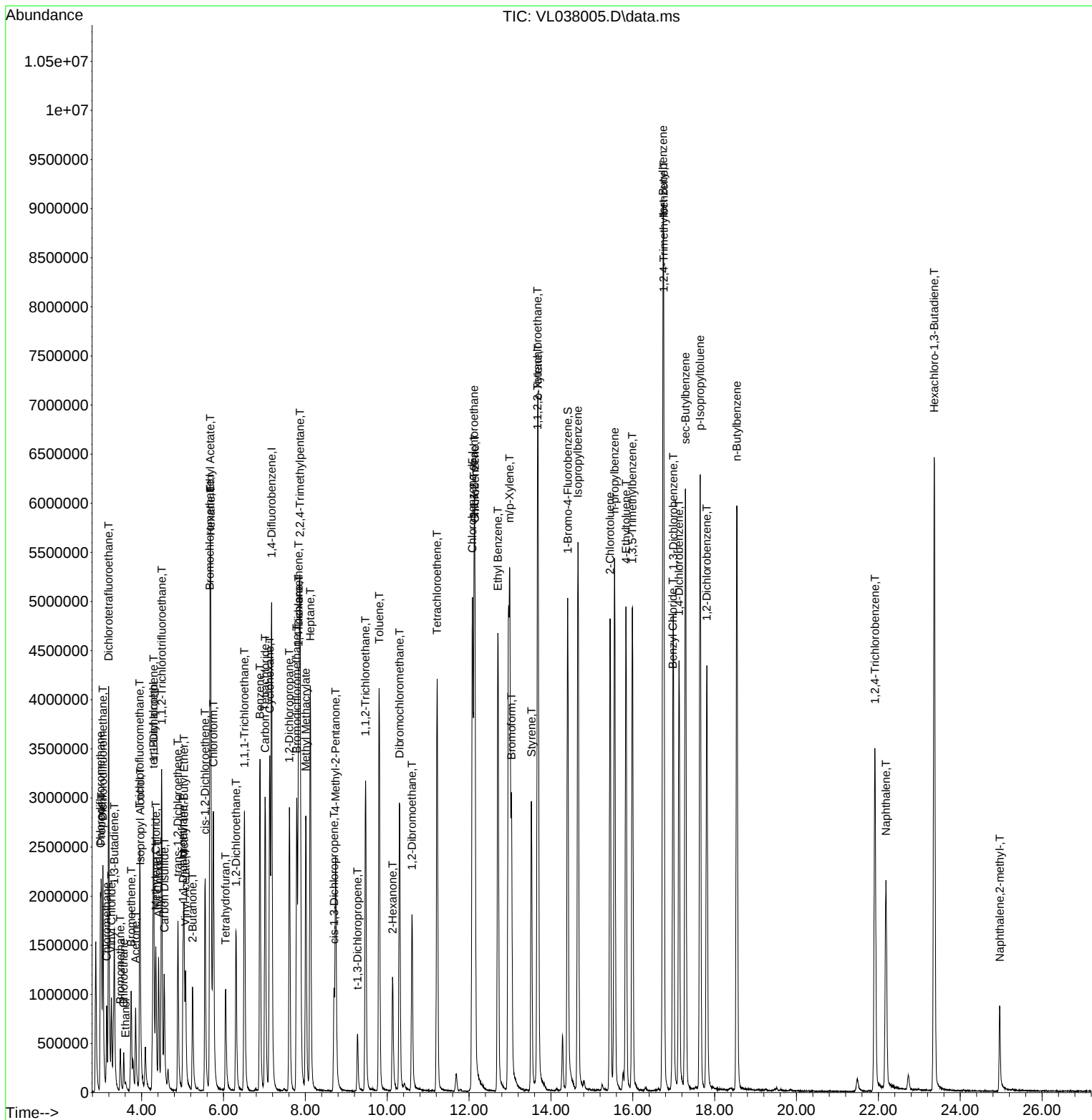
Response via : Initial Calibration

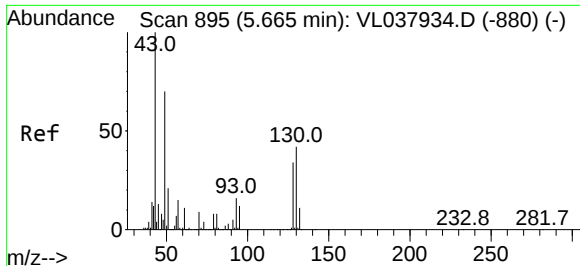
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.703	75	639363	5.717	ppbv	98
47) 1,1,2-Trichloroethane	9.471	97	1297625	9.101	ppbv	99
48) Dibromochloromethane	10.298	129	1982028	9.818	ppbv	99
49) Bromoform	13.037	173	1693529	10.613	ppbv	99
50) 4-Methyl-2-Pentanone	8.738	43	2219599	11.008	ppbv	100
51) 2-Hexanone	10.134	43	1106156	13.016	ppbv #	96
52) Tetrachloroethene	11.220	164	1173726	9.174	ppbv	98
53) Toluene	9.802	91	3651180	10.098	ppbv	100
54) 1,2-Dibromoethane	10.606	107	1640225	8.919	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.121	131	1415634	9.698	ppbv #	59
57) Chlorobenzene	12.143	112	2659787	9.217	ppbv #	97
58) Ethyl Benzene	12.706	91	4672133	10.567	ppbv	99
59) m/p-Xylene	12.989	91	7747342m	19.714	ppbv	
60) o-Xylene	13.687	91	3675759	9.921	ppbv	100
61) Styrene	13.523	104	1945757	11.435	ppbv	98
62) Isopropylbenzene	14.661	105	5267601	10.040	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.670	83	2745979	8.611	ppbv	98
64) n-propylbenzene	15.555	120	1412946	10.511	ppbv	99
65) tert-Butylbenzene	16.738	119	4628380	9.983	ppbv	100
66) Benzyl Chloride	16.976	91	101528m	4.191	ppbv	
67) sec-Butylbenzene	17.288	105	6490549	10.161	ppbv	100
69) p-Isopropyltoluene	17.645	119	5378990	10.498	ppbv	99
70) n-Butylbenzene	18.542	91	5178958	11.000	ppbv	99
71) 2-Chlorotoluene	15.445	91	3939492	10.717	ppbv	100
72) 4-Ethyltoluene	15.831	105	4454673	10.495	ppbv	99
73) 1,3,5-Trimethylbenzene	15.989	105	3938937	9.909	ppbv	100
74) 1,2,4-Trimethylbenzene	16.757	105	4075665	9.787	ppbv	97
75) 1,3-Dichlorobenzene	16.989	146	2576085	9.935	ppbv	99
76) 1,4-Dichlorobenzene	17.130	146	2447465	9.755	ppbv	99
77) 1,2-Dichlorobenzene	17.809	146	2495800	10.251	ppbv	99
78) Hexachloro-1,3-Butadiene	23.365	225	1917933	9.204	ppbv	99
79) Naphthalene	22.185	128	2923742	12.186	ppbv	98
80) Naphthalene,2-methyl-	24.966	142	611630	13.095	ppbv	97
81) 1,2,4-Trichlorobenzene	21.915	180	1822131	11.668	ppbv	99

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

Manual Integrations APPROVED

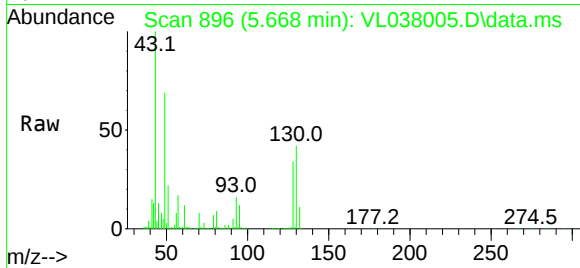
Quant Time: Nov 10 08:29:01 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 89
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

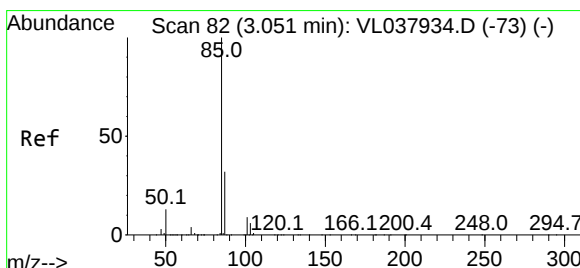
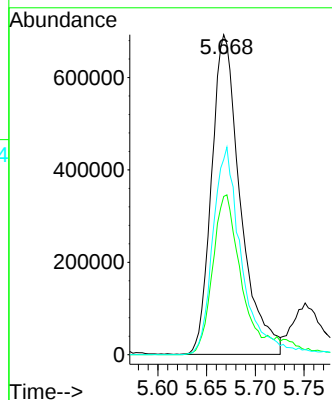
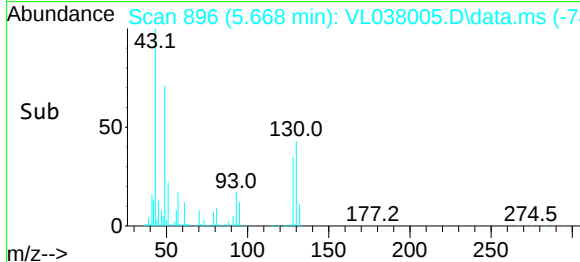
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 142611
Ion Ratio Lower Upper
49 100
128 54.4 27.0 81.0
130 66.2 33.4 100.2

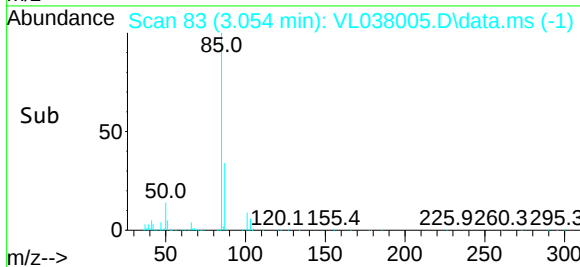
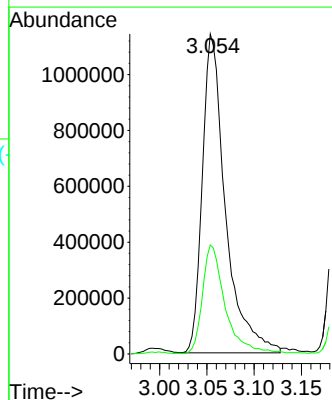
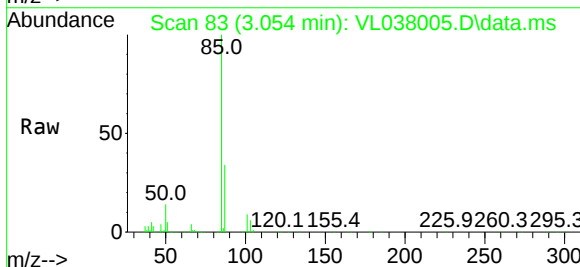
Manual Integrations
APPROVED

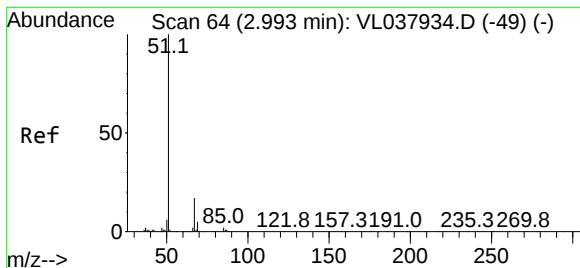
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#2
Dichlorodifluoromethane
Concen: 9.661 ppbv
RT: 3.054 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

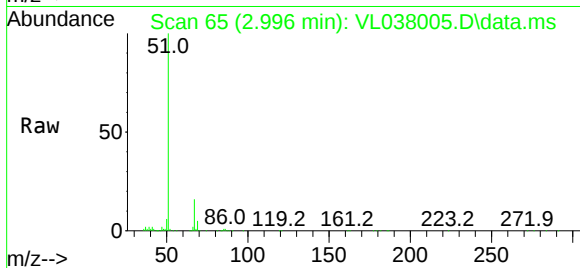
Tgt Ion: 85 Resp: 1941134
Ion Ratio Lower Upper
85 100
87 34.0 25.3 37.9





#3
Chlorodifluoromethane
Concen: 9.238 ppbv
RT: 2.996 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

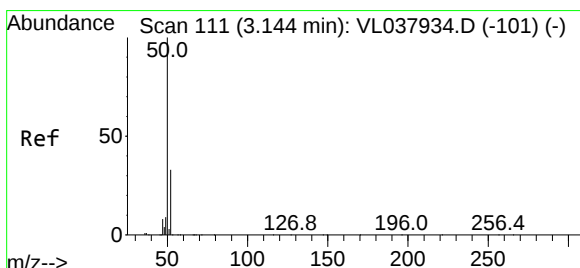
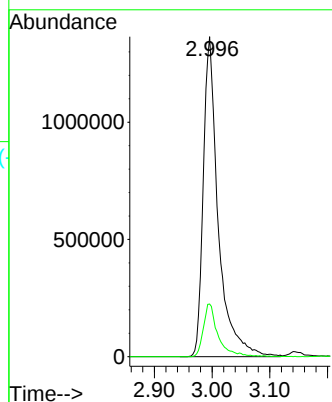
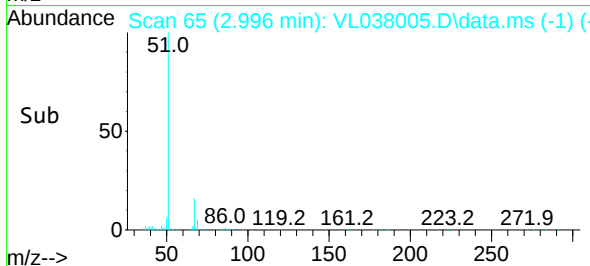
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 245256
Ion Ratio Lower Upper
51 100
67 16.4 13.4 20.0

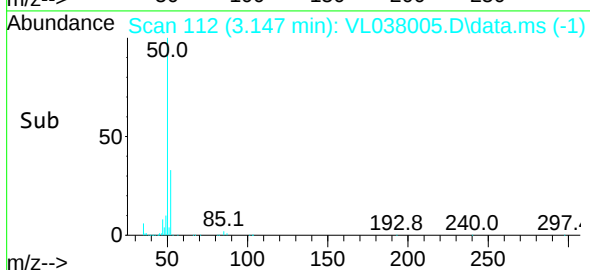
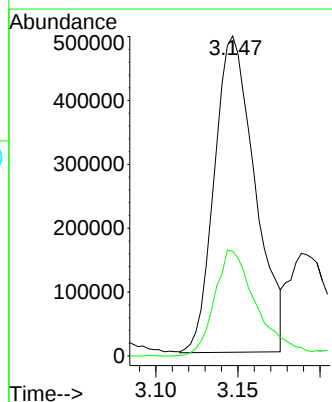
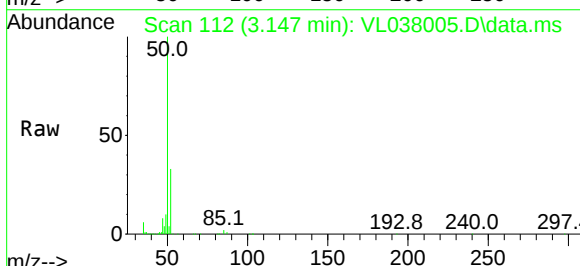
Manual Integrations
APPROVED

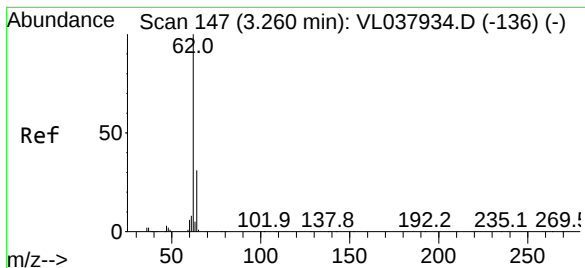
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#4
Chloromethane
Concen: 8.458 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

Tgt Ion: 50 Resp: 853412
Ion Ratio Lower Upper
50 100
52 33.0 26.3 39.5





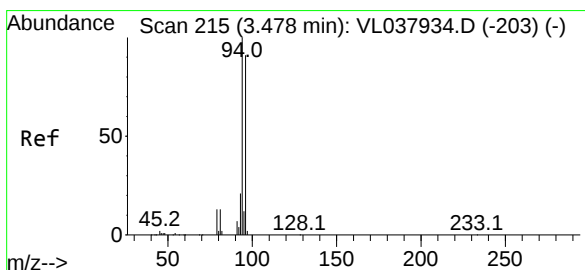
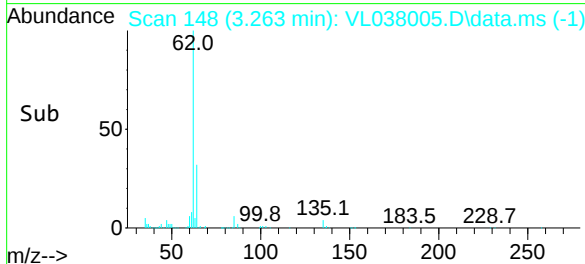
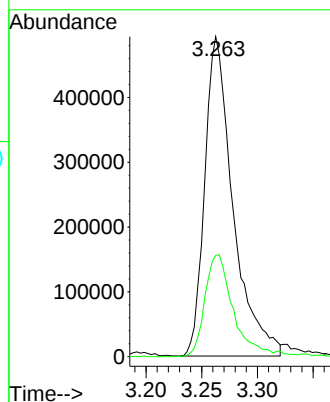
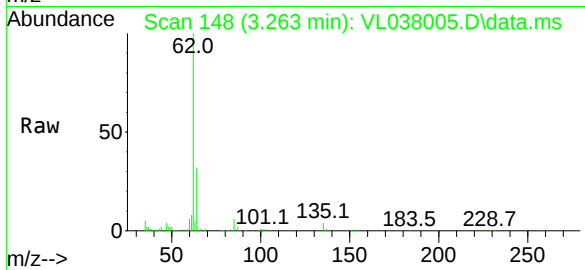
#5
 Vinyl Chloride
 Concen: 8.952 ppbv
 RT: 3.263 min Scan# 147
 Delta R.T. 0.003 min
 Lab File: VL038005.D
 Acq: 10 Nov 2021 7:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 870515
 Ion Ratio Lower Upper
 62 100
 64 31.6 24.7 37.1

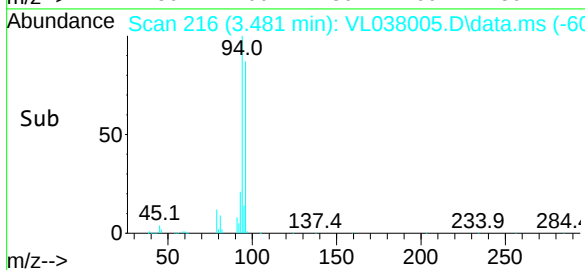
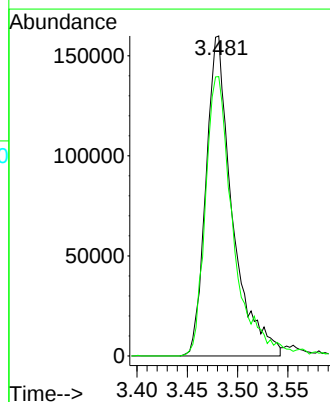
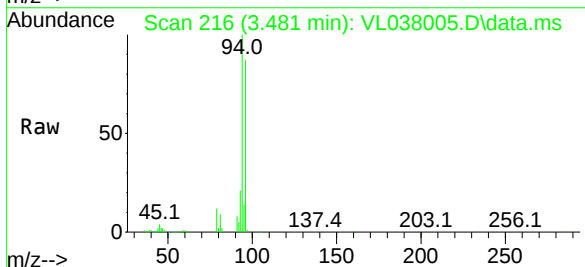
Manual Integrations
 APPROVED

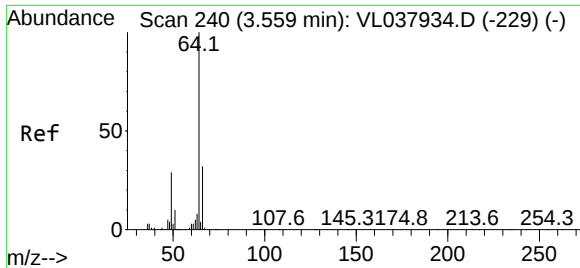
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#6
 Bromomethane
 Concen: 5.549 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.003 min
 Lab File: VL038005.D
 Acq: 10 Nov 2021 7:56

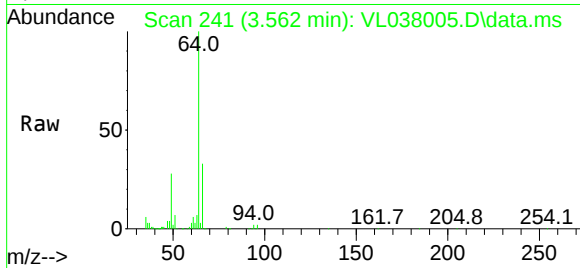
Tgt Ion: 94 Resp: 291496
 Ion Ratio Lower Upper
 94 100
 96 87.3 73.0 109.4





#7
Chloroethane
Concen: 8.454 ppbv
RT: 3.562 min Scan# 240
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

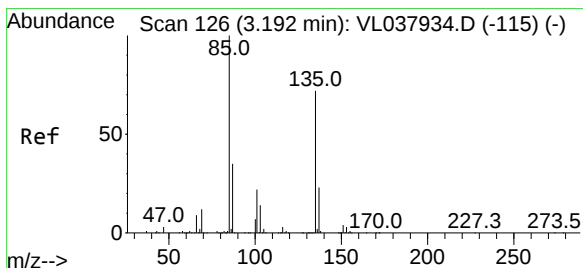
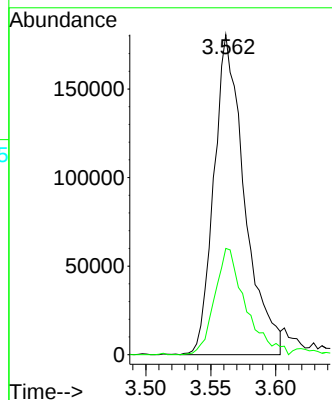
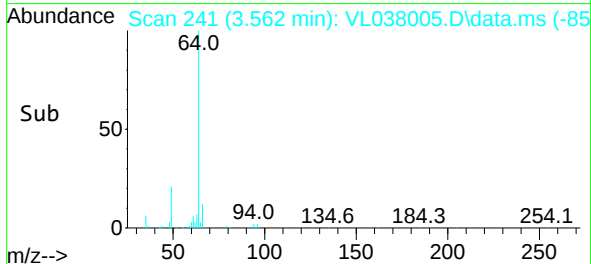
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 29674
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

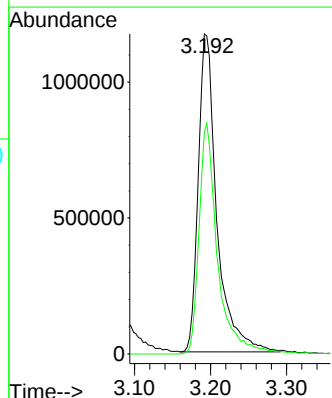
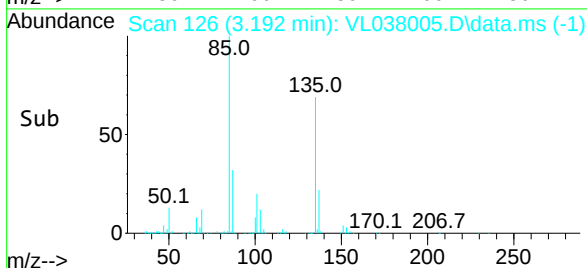
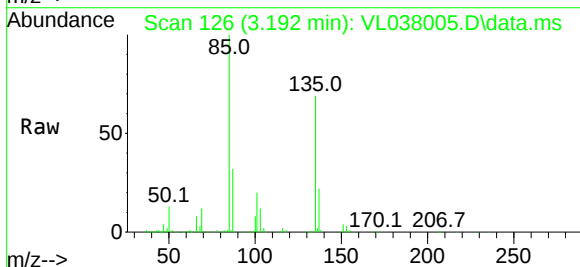
Manual Integrations
APPROVED

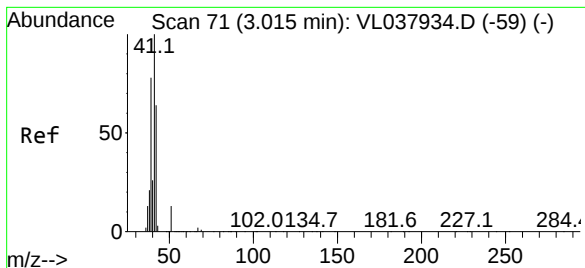
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#8
Dichlorotetrafluoroethane
Concen: 8.609 ppbv
RT: 3.192 min Scan# 126
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

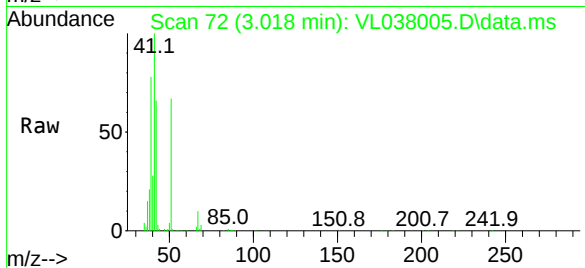
Tgt Ion: 85 Resp: 1992658
Ion Ratio Lower Upper
85 100
135 72.5 58.8 88.2





#9
 Propene
 Concen: 9.234 ppbv
 RT: 3.018 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL038005.D
 Acq: 10 Nov 2021 7:56

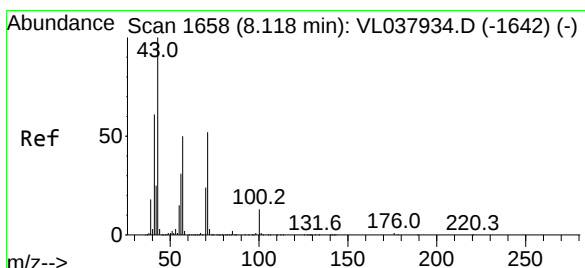
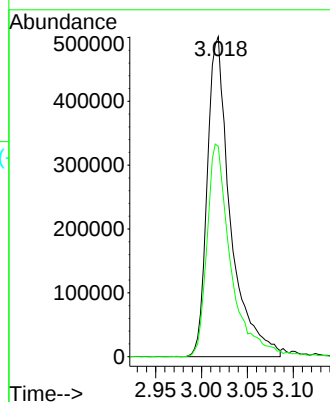
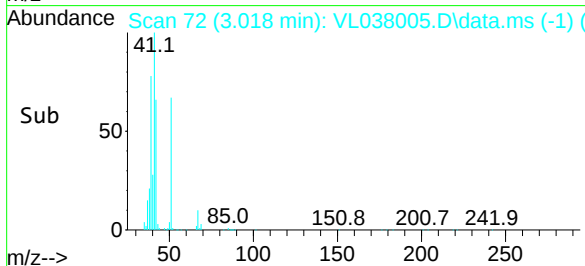
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 878990
 Ion Ratio Lower Upper
 41 100
 42 69.3 57.6 86.4

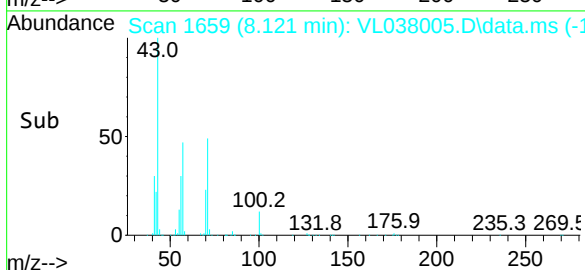
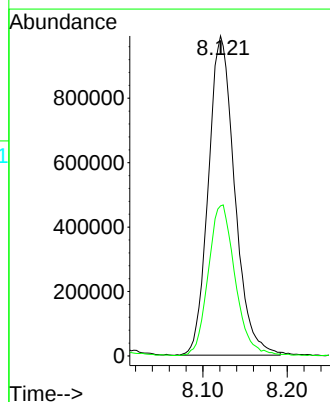
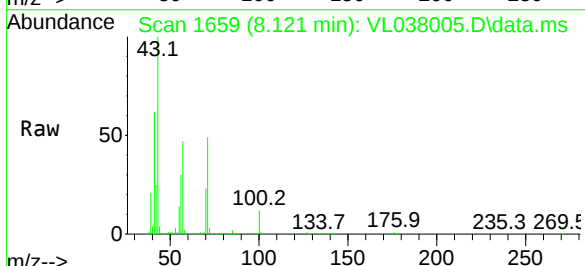
Manual Integrations
 APPROVED

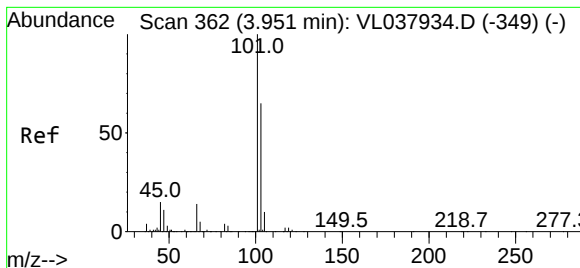
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#10
 Heptane
 Concen: 9.719 ppbv
 RT: 8.121 min Scan# 1659
 Delta R.T. 0.003 min
 Lab File: VL038005.D
 Acq: 10 Nov 2021 7:56

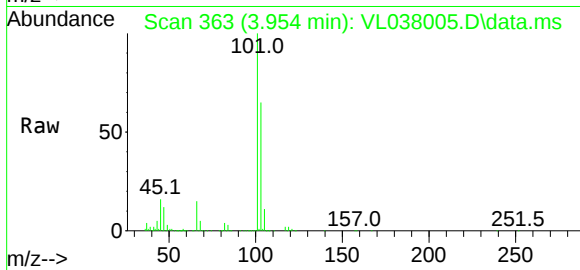
Tgt Ion: 43 Resp: 2152246
 Ion Ratio Lower Upper
 43 100
 57 48.7 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 8.738 ppbv
 RT: 3.954 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL038005.D
 Acq: 10 Nov 2021 7:56

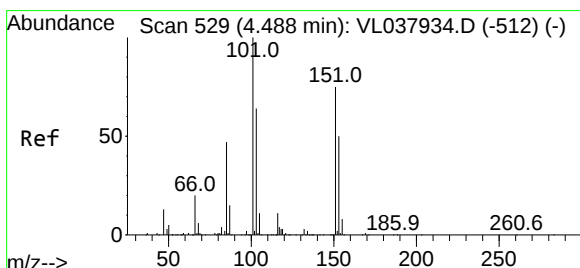
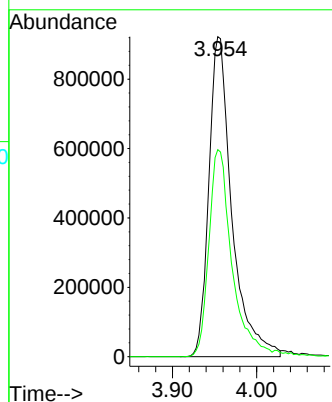
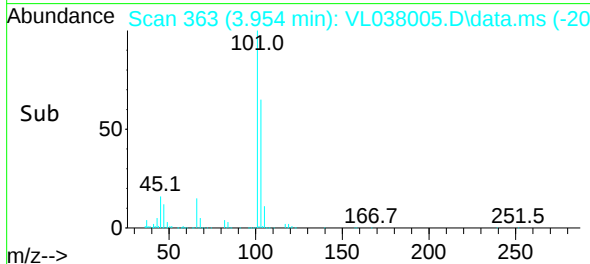
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



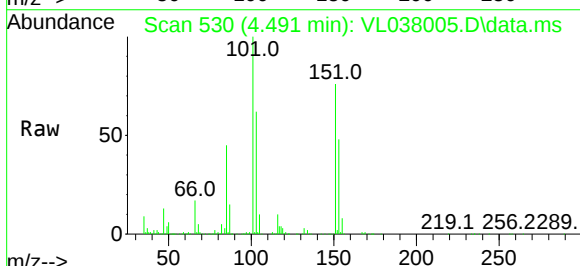
Tgt Ion:101 Resp: 1748310
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.0 78.0

Manual Integrations
 APPROVED

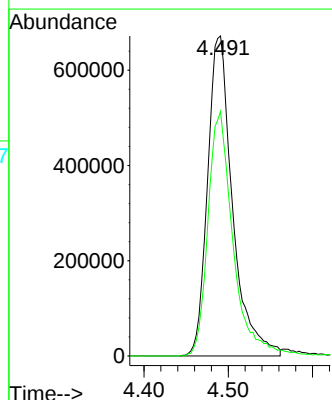
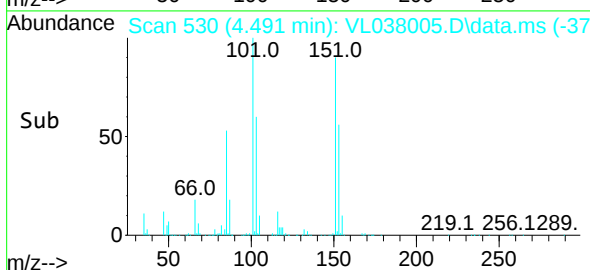
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

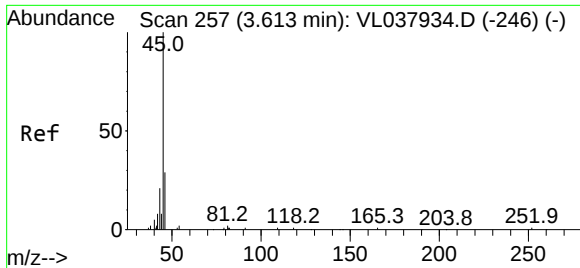


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.878 ppbv
 RT: 4.491 min Scan# 530
 Delta R.T. 0.003 min
 Lab File: VL038005.D
 Acq: 10 Nov 2021 7:56



Tgt Ion:101 Resp: 1384620
 Ion Ratio Lower Upper
 101 100
 151 77.3 61.8 92.8





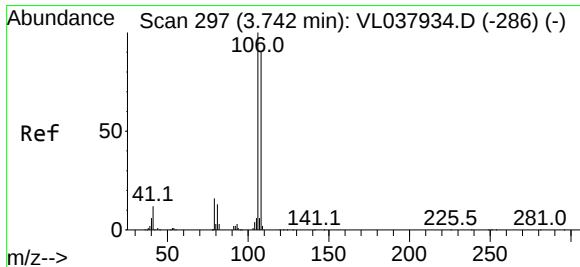
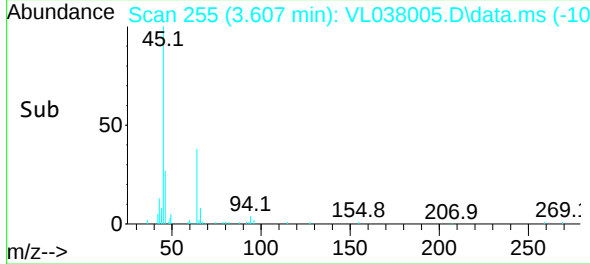
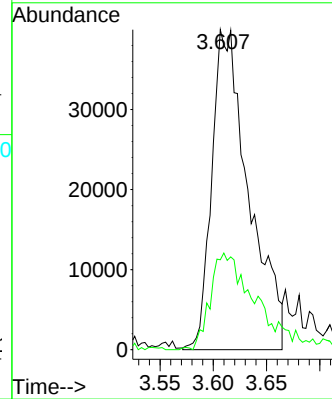
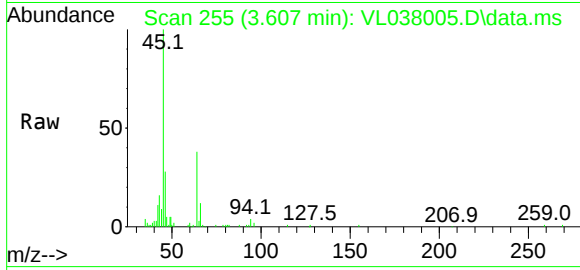
#13
Ethanol
Concen: 10.065 ppbv m
RT: 3.607 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 96650
Ion Ratio Lower Upper
45 100
46 36.5 17.4 69.8

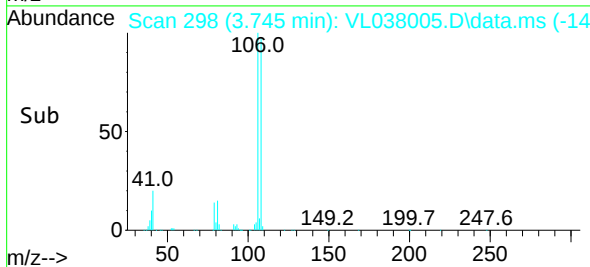
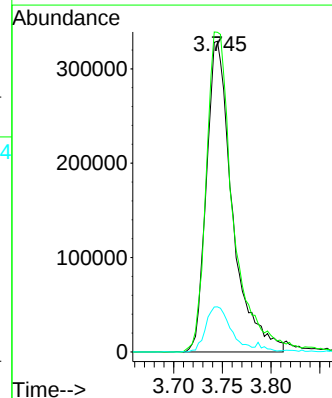
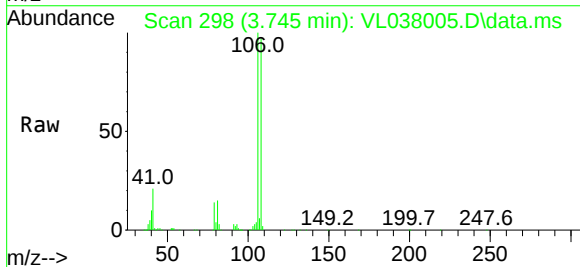
Manual Integrations
APPROVED

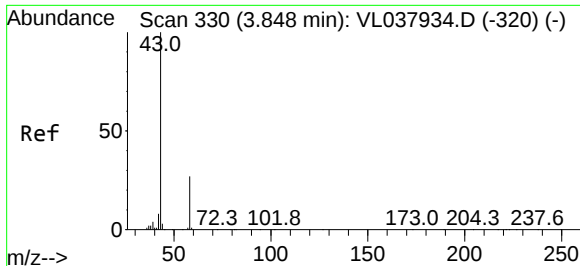
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Bromoethene
Concen: 8.947 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

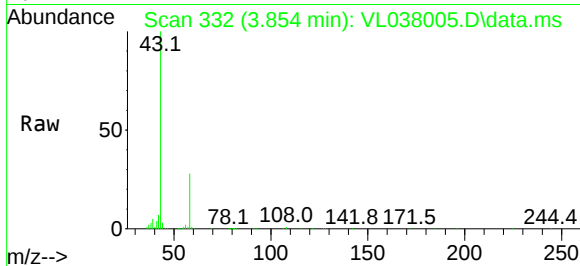
Tgt Ion:108 Resp: 610431
Ion Ratio Lower Upper
108 100
106 108.5 88.4 132.6
79 15.2 12.4 18.6





#15
Acetone
Concen: 8.650 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

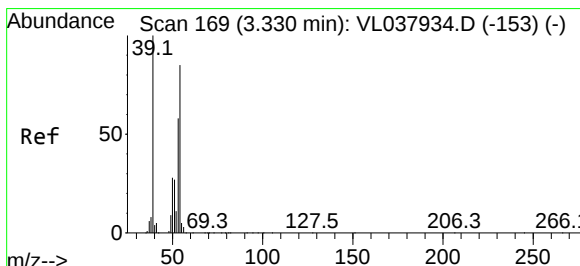
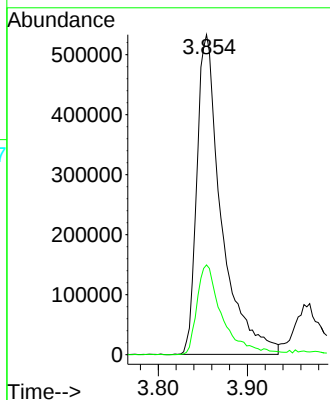
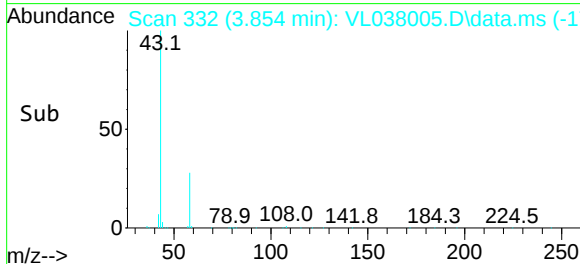
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



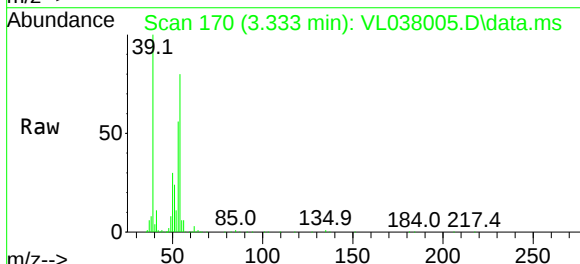
Tgt Ion: 43 Resp: 101940
Ion Ratio Lower Upper
43 100
58 29.1 23.3 34.9

Manual Integrations
APPROVED

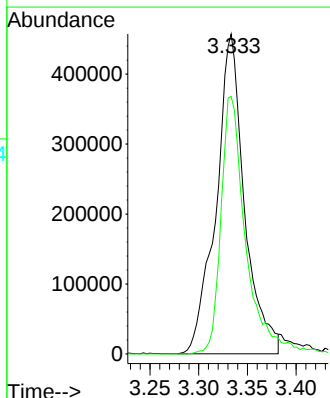
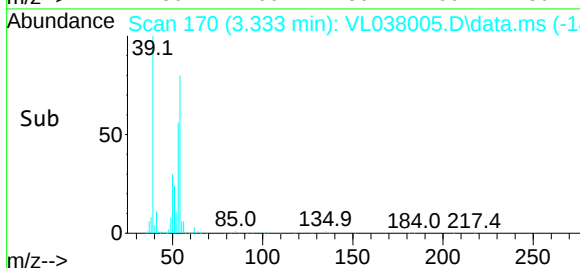
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

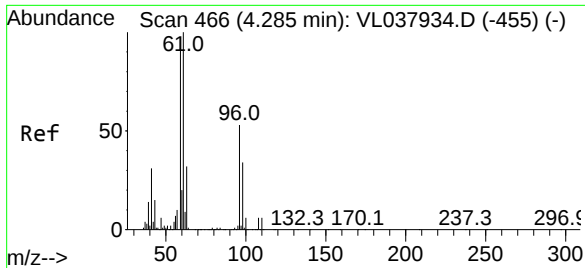


#16
1,3-Butadiene
Concen: 10.008 ppbv
RT: 3.333 min Scan# 170
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



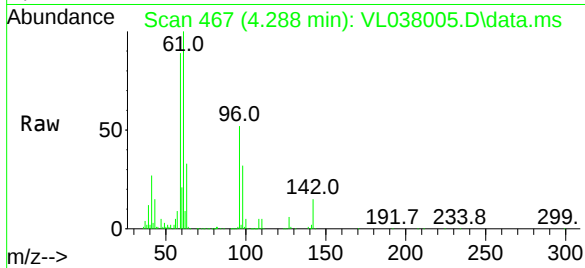
Tgt Ion: 39 Resp: 929334
Ion Ratio Lower Upper
39 100
54 71.2 62.6 93.8





#17
tert-Butyl alcohol
Concen: 9.470 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

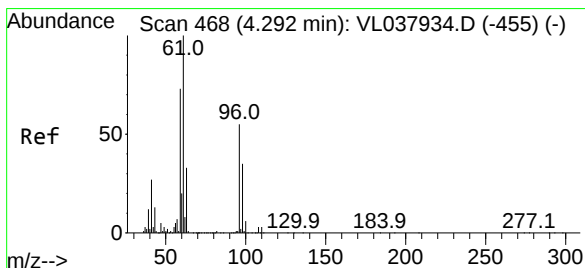
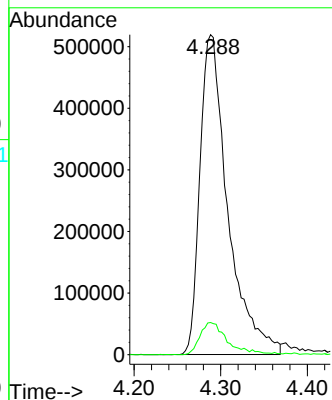
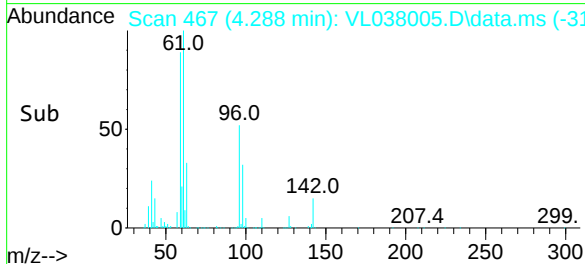
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



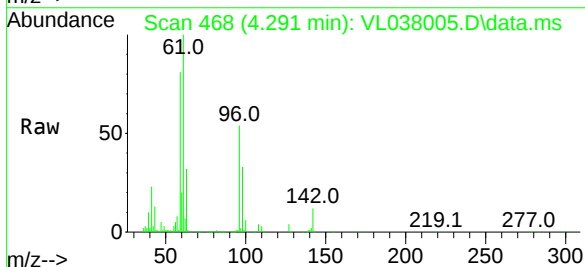
Tgt Ion: 59 Resp: 1160330
Ion Ratio Lower Upper
59 100
57 10.0 8.9 13.3

Manual Integrations
APPROVED

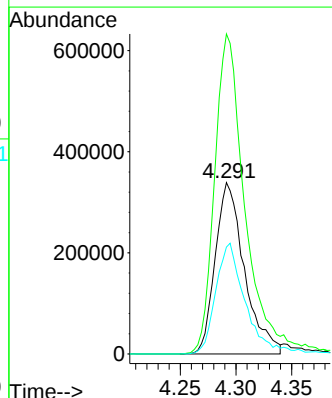
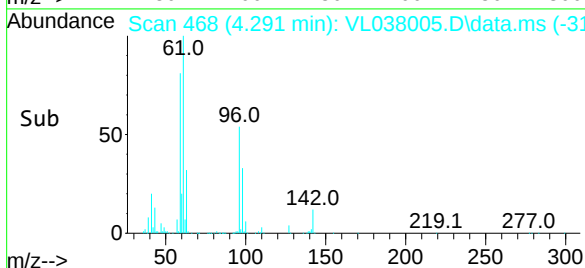
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

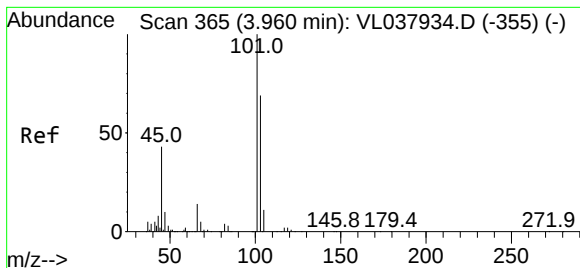


#18
1,1-Dichloroethene
Concen: 8.607 ppbv
RT: 4.291 min Scan# 468
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



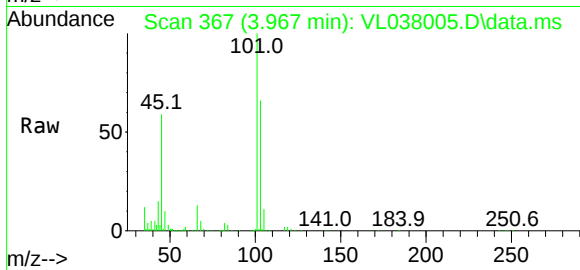
Tgt Ion: 96 Resp: 617823
Ion Ratio Lower Upper
96 100
61 186.8 144.3 216.5
98 62.4 50.5 75.7





#19
Isopropyl Alcohol
Concen: 9.269 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

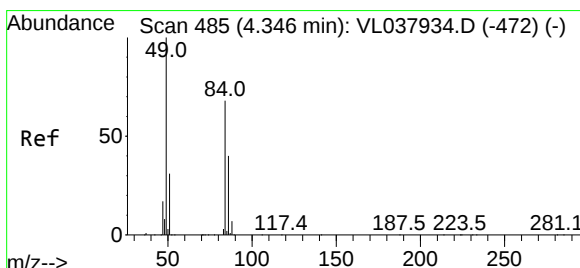
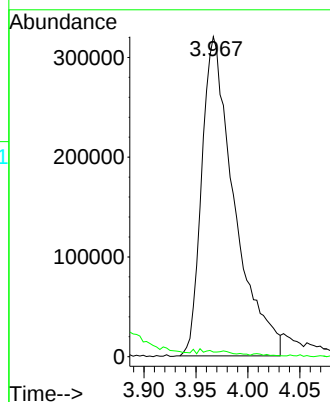
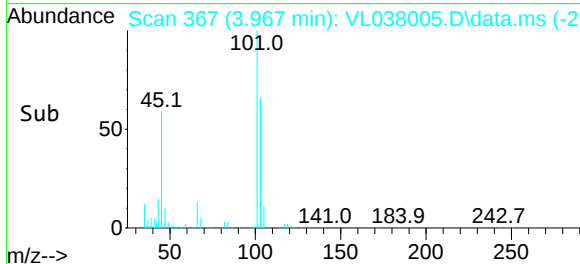
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



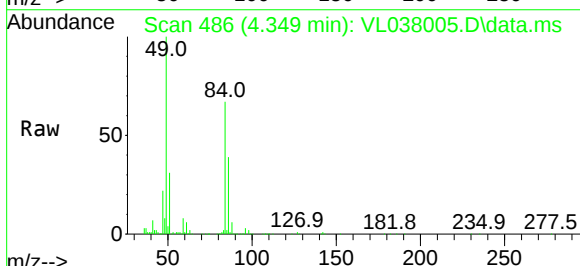
Tgt Ion: 45 Resp: 69852
Ion Ratio Lower Upper
45 100
58 2.1 4.0 6.0

Manual Integrations
APPROVED

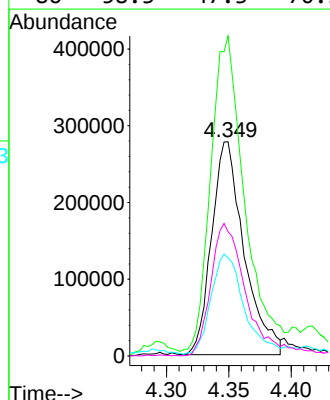
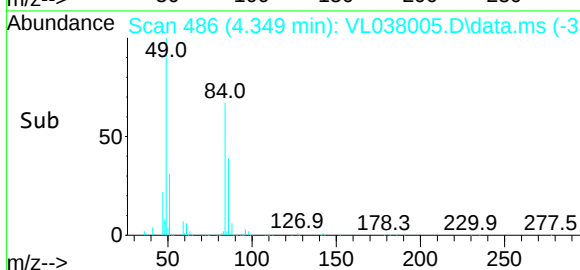
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

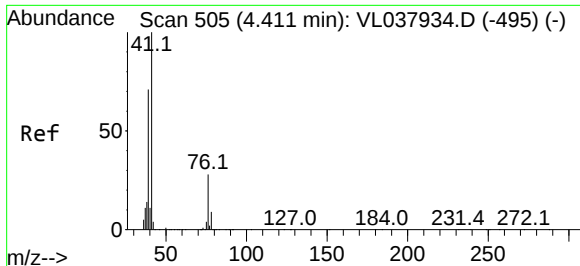


#20
Methylene Chloride
Concen: 7.807 ppbv
RT: 4.349 min Scan# 486
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



Tgt Ion: 84 Resp: 505082
Ion Ratio Lower Upper
84 100
49 148.1 117.5 176.3
51 44.9 35.9 53.9
86 58.3 47.3 70.9





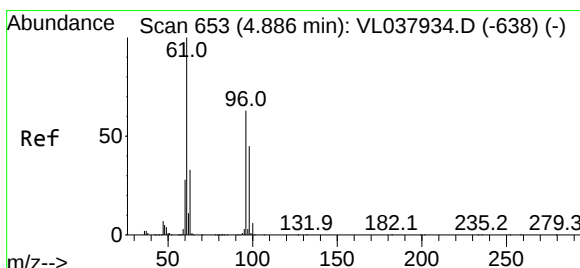
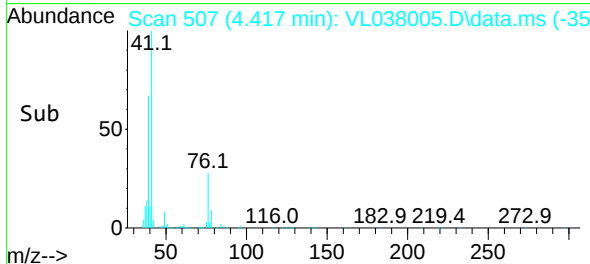
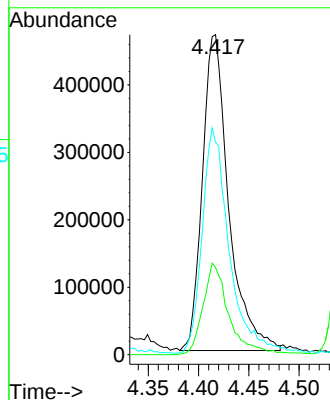
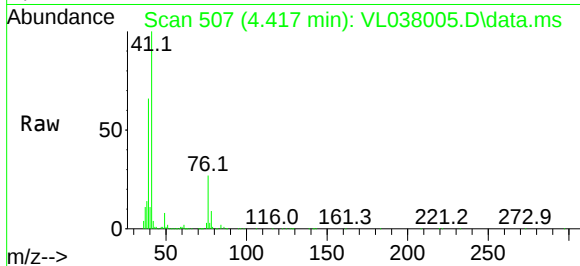
#21
 Allyl Chloride
 Concen: 7.855 ppbv
 RT: 4.417 min Scan# 505
 Delta R.T. 0.006 min
 Lab File: VL038005.D
 Acq: 10 Nov 2021 7:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 854090
 Ion Ratio Lower Upper
 41 100
 76 28.7 23.6 35.4
 39 73.6 59.7 89.5

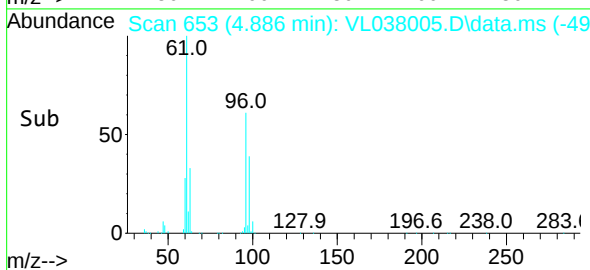
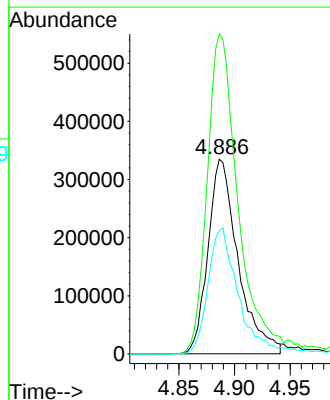
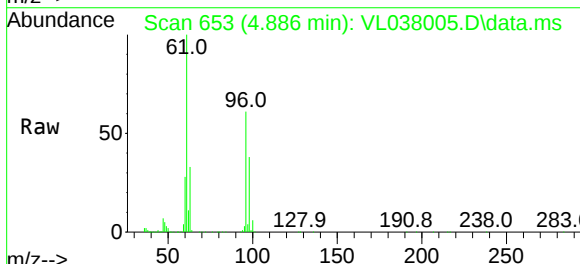
Manual Integrations
 APPROVED

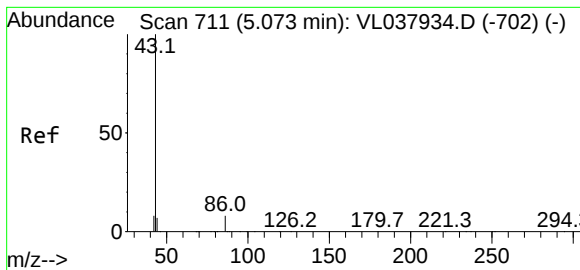
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#22
 trans-1,2-Dichloroethene
 Concen: 8.808 ppbv
 RT: 4.886 min Scan# 653
 Delta R.T. -0.000 min
 Lab File: VL038005.D
 Acq: 10 Nov 2021 7:56

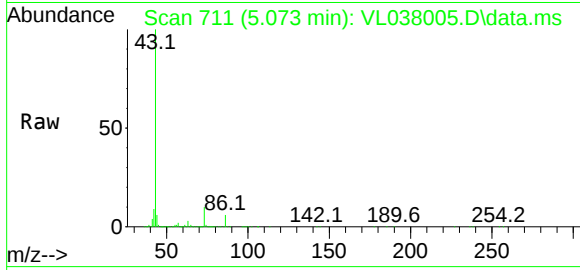
Tgt Ion: 96 Resp: 628285
 Ion Ratio Lower Upper
 96 100
 61 164.3 127.8 191.6
 98 63.2 56.9 85.3





#23
 Vinyl Acetate
 Concen: 8.687 ppbv
 RT: 5.073 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VL038005.D
 Acq: 10 Nov 2021 7:56

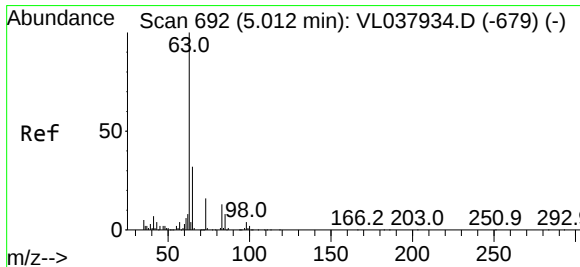
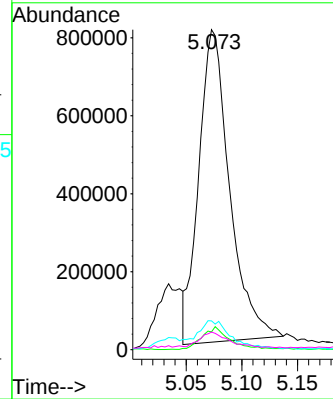
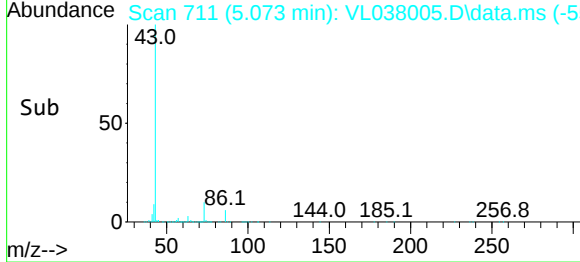
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



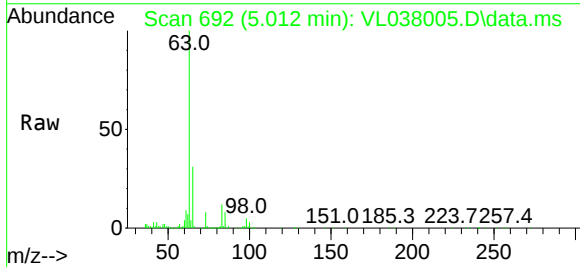
Tgt Ion: 43 Resp: 1541349
 Ion Ratio Lower Upper
 43 100
 86 5.5 5.5 8.3
 42 9.0 7.4 11.2
 44 5.1 4.7 7.1

Manual Integrations
 APPROVED

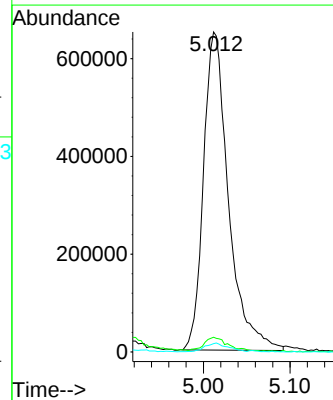
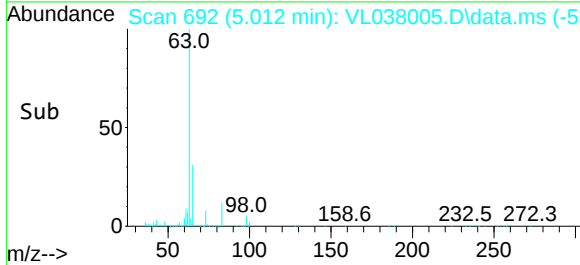
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

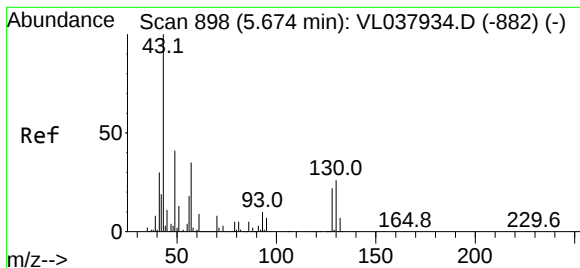


#24
 1,1-Dichloroethane
 Concen: 8.911 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VL038005.D
 Acq: 10 Nov 2021 7:56



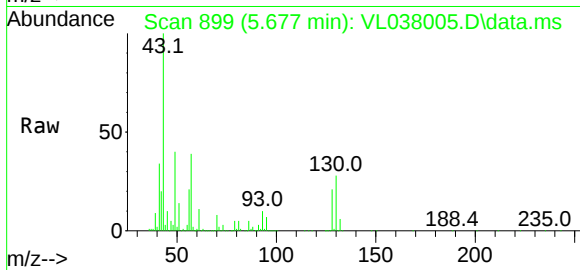
Tgt Ion: 63 Resp: 1306251
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.3 6.9
 100 2.6 1.2 3.6





#25
Ethyl Acetate
Concen: 9.039 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

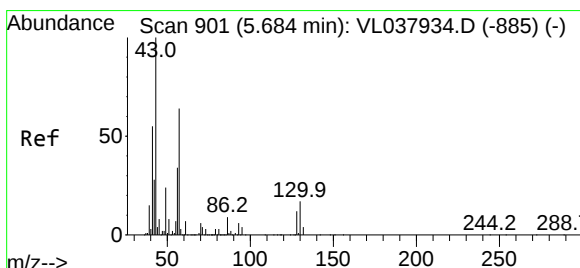
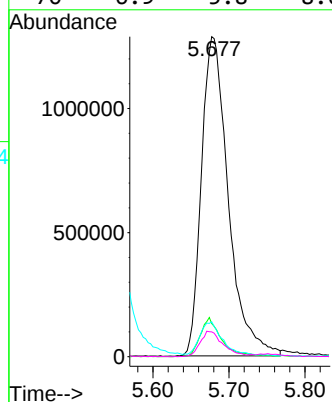
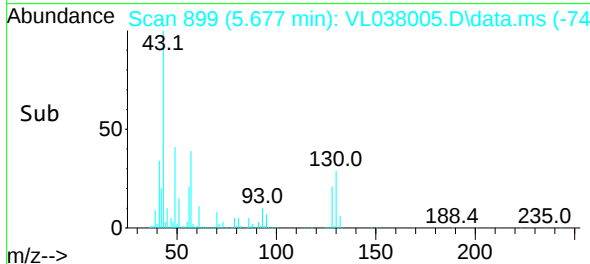


Tgt Ion: 43 Resp: 3163768

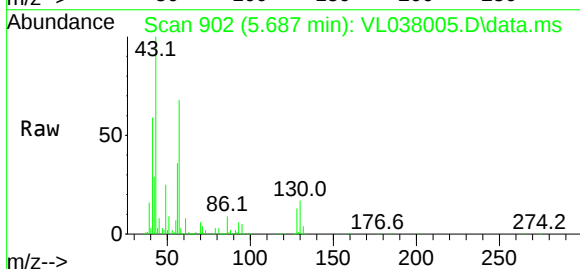
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.1	12.1
61	10.0	8.1	12.1
70	6.9	5.8	8.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

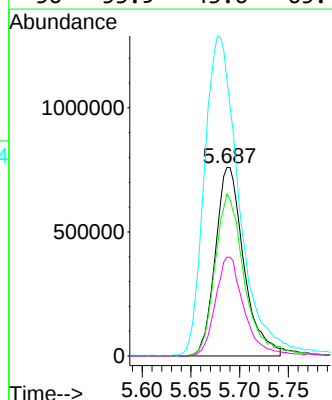
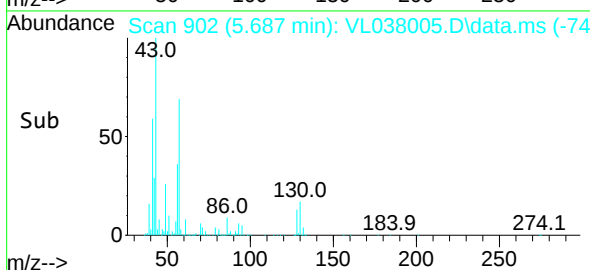


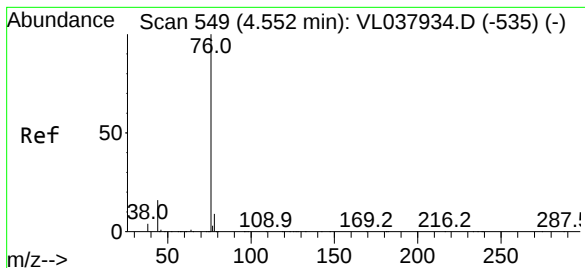
#26
Hexane
Concen: 9.277 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



Tgt Ion: 57 Resp: 1538448

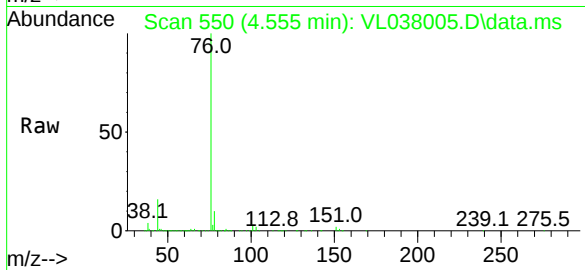
Ion	Ratio	Lower	Upper
57	100		
41	90.1	71.0	106.6
43	210.0	173.0	259.6
56	53.9	43.6	65.4





#27
Carbon Disulfide
Concen: 8.962 ppbv
RT: 4.555 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

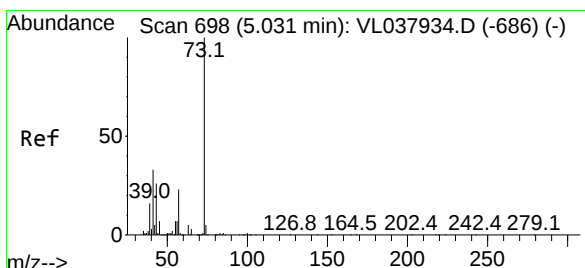
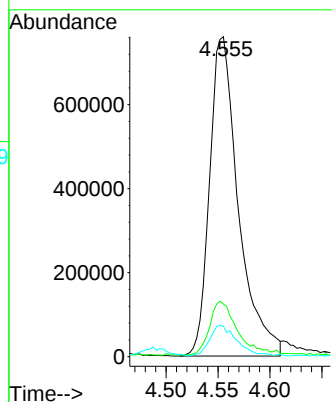
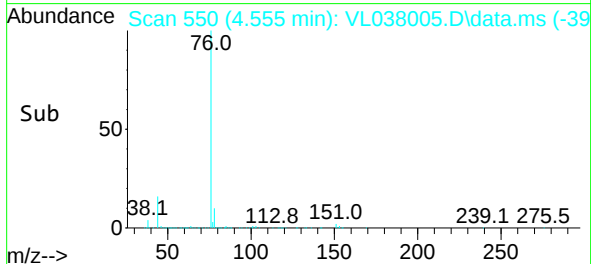
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



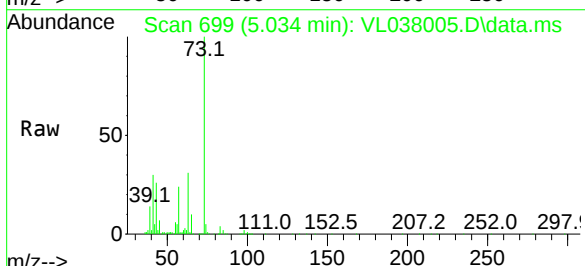
Tgt Ion: 76 Resp: 1467208
Ion Ratio Lower Upper
76 100
44 17.2 13.2 19.8
78 10.2 7.2 10.8

Manual Integrations
APPROVED

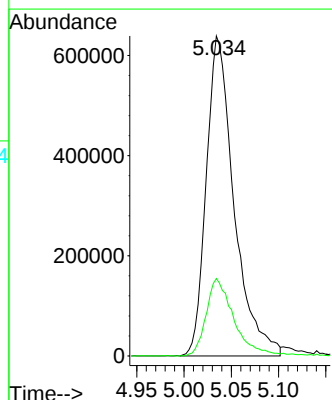
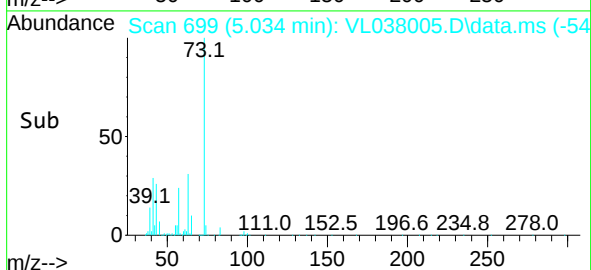
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

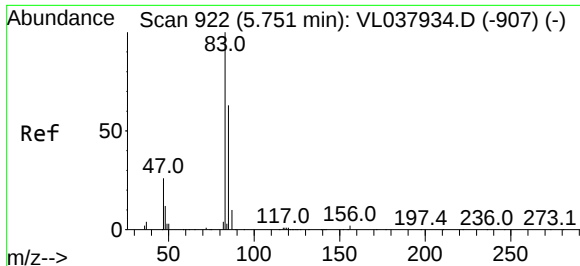


#28
Methyl tert-Butyl Ether
Concen: 9.357 ppbv
RT: 5.034 min Scan# 699
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



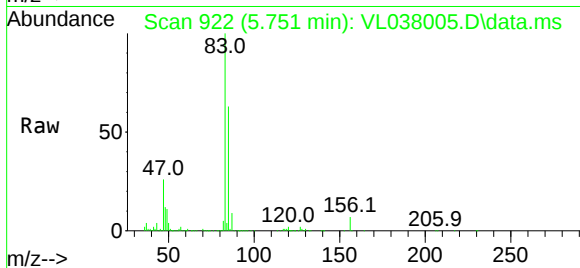
Tgt Ion: 73 Resp: 1304603
Ion Ratio Lower Upper
73 100
57 24.7 20.1 30.1





#29
Chloroform
Concen: 8.499 ppbv
RT: 5.751 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

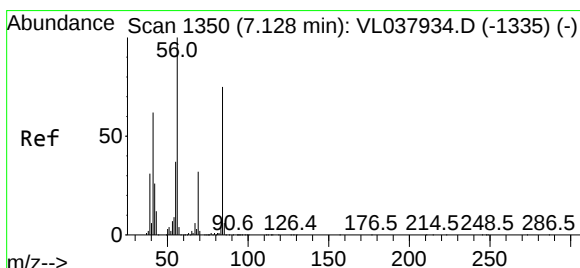
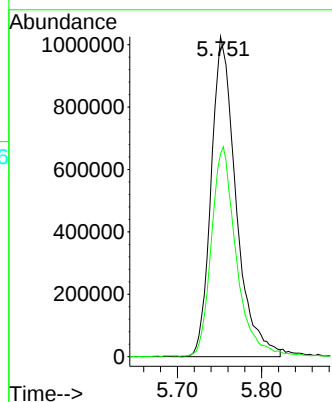
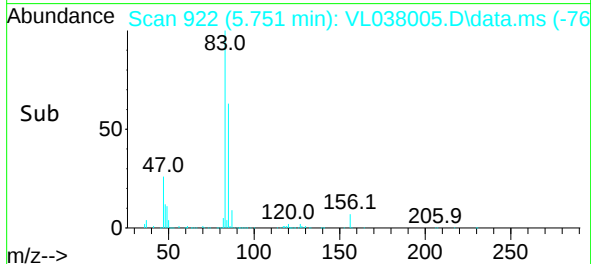
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



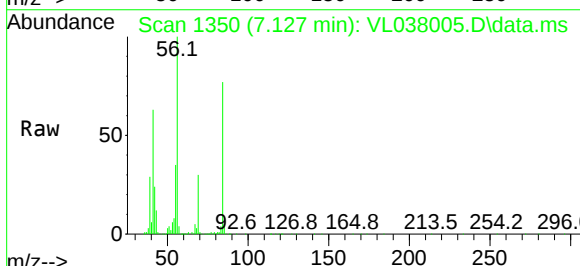
Tgt Ion: 83 Resp: 210176
Ion Ratio Lower Upper
83 100
85 63.1 50.6 76.0

Manual Integrations
APPROVED

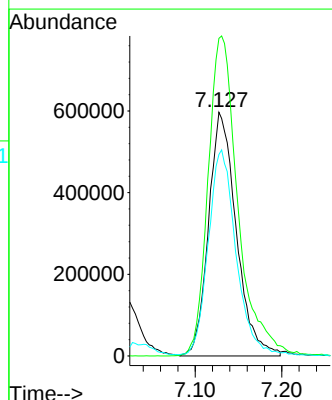
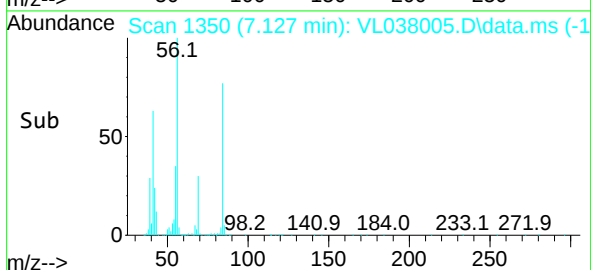
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

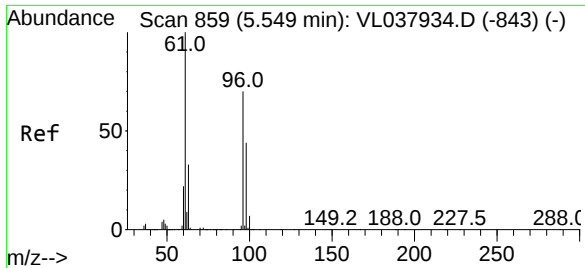


#30
Cyclohexane
Concen: 9.353 ppbv
RT: 7.127 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



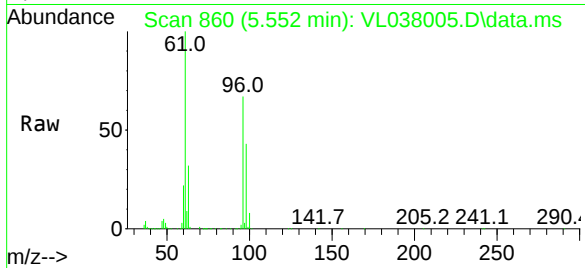
Tgt Ion: 84 Resp: 1325855
Ion Ratio Lower Upper
84 100
56 142.2 114.0 171.0
41 85.1 68.3 102.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.504 ppbv
 RT: 5.552 min Scan# 859
 Delta R.T. 0.003 min
 Lab File: VL038005.D
 Acq: 10 Nov 2021 7:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

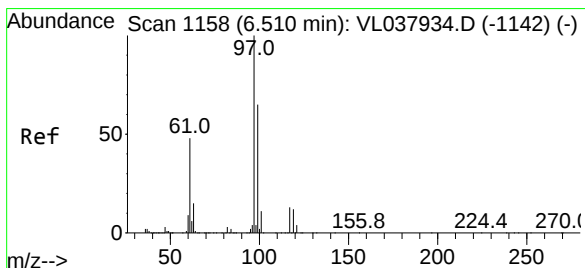
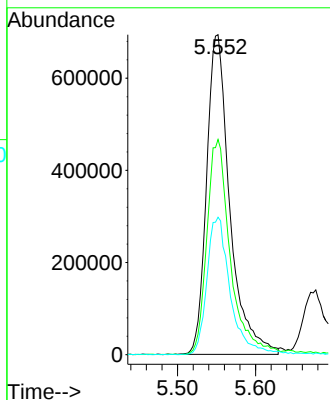
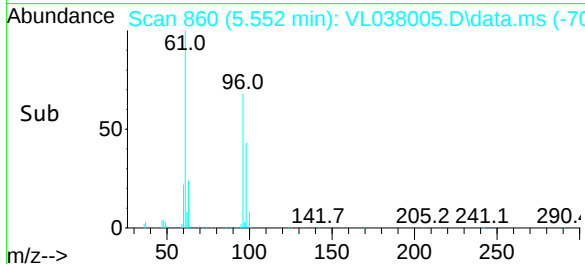


Tgt Ion: 61 Resp: 1437980

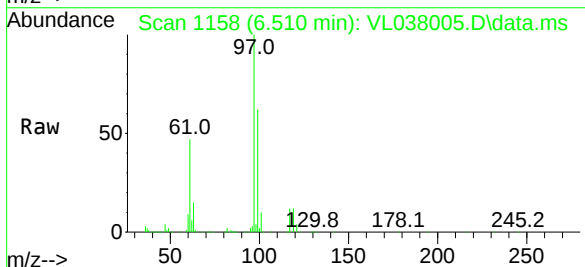
Ion	Ratio	Lower	Upper
61	100		
96	67.3	55.6	83.4
98	43.0	34.9	52.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

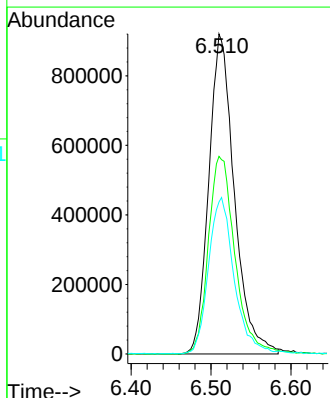
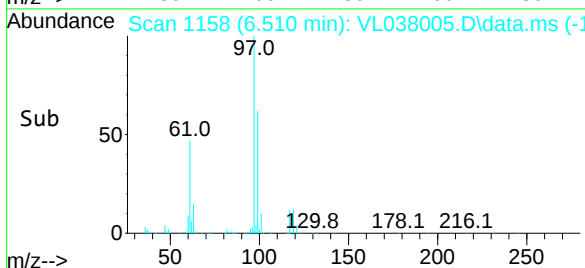


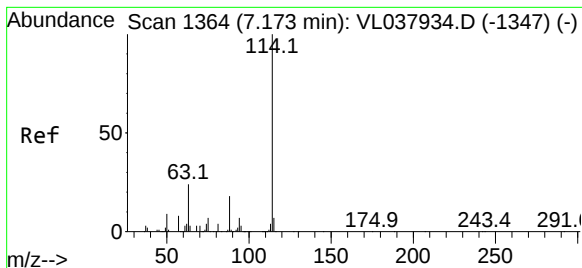
#32
 1,1,1-Trichloroethane
 Concen: 8.384 ppbv
 RT: 6.510 min Scan# 1158
 Delta R.T. -0.000 min
 Lab File: VL038005.D
 Acq: 10 Nov 2021 7:56



Tgt Ion: 97 Resp: 2037985

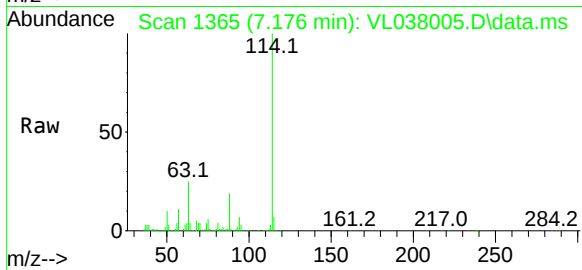
Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.2	78.4
61	49.5	39.8	59.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

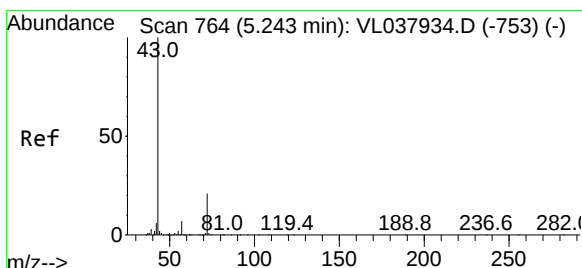
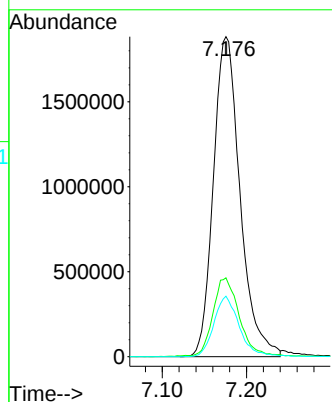
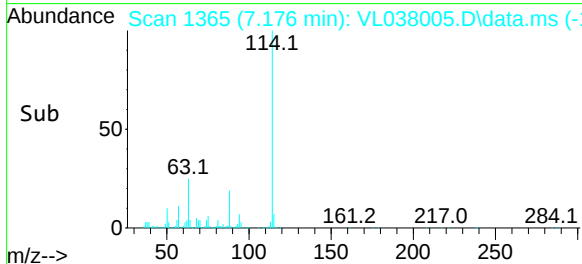
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



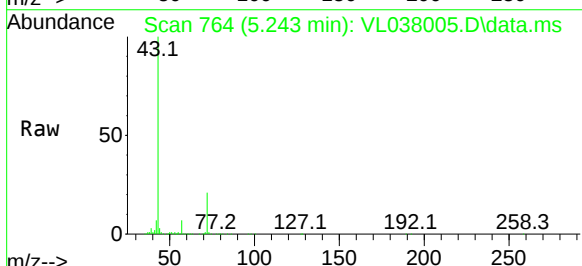
Tgt Ion:114 Resp: 4141590
Ion Ratio Lower Upper
114 100
63 24.8 19.4 29.0
88 18.1 14.2 21.4

Manual Integrations
APPROVED

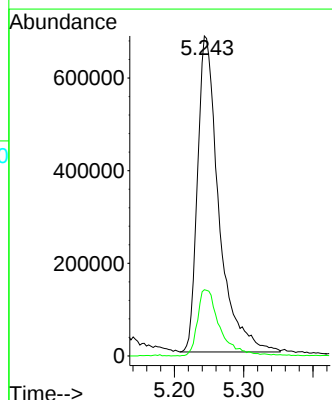
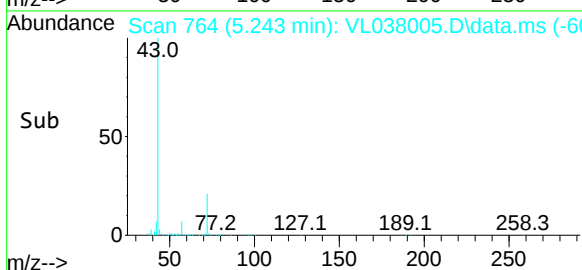
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

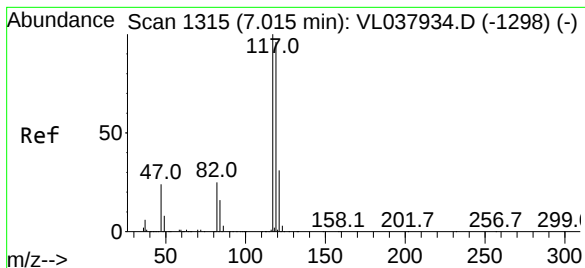


#34
2-Butanone
Concen: 9.514 ppbv
RT: 5.243 min Scan# 764
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



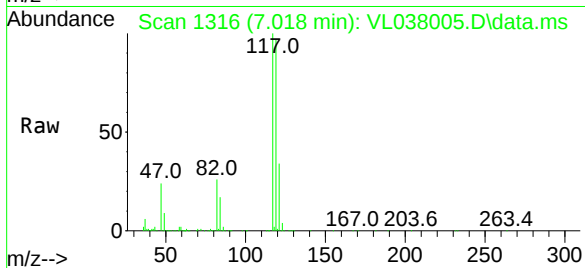
Tgt Ion: 43 Resp: 1460076
Ion Ratio Lower Upper
43 100
72 22.4 18.3 27.5





#35
Carbon Tetrachloride
Concen: 8.148 ppbv
RT: 7.018 min Scan# 111
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

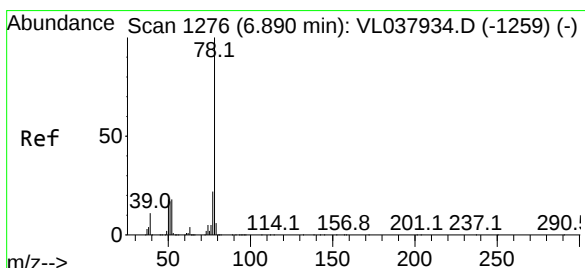
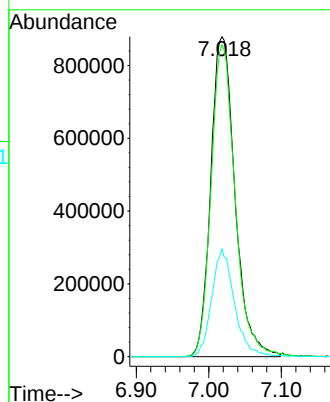
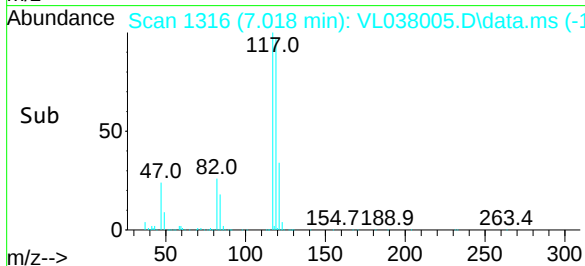
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



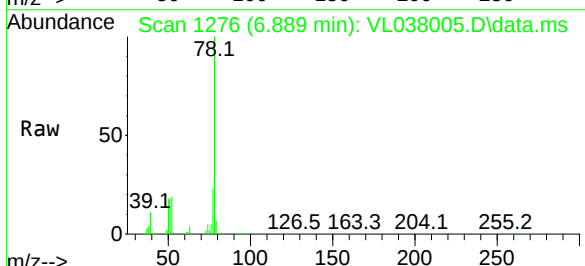
Tgt Ion: 117 Resp: 204003
Ion Ratio Lower Upper
117 100
119 97.4 76.6 114.8
121 33.7 25.1 37.7

Manual Integrations
APPROVED

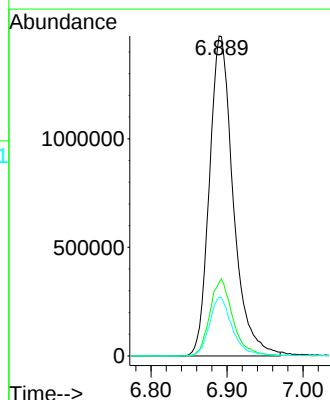
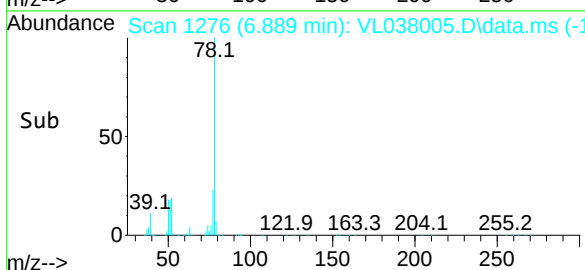
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

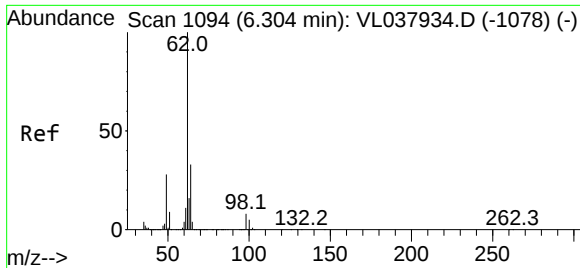


#36
Benzene
Concen: 9.513 ppbv
RT: 6.889 min Scan# 1276
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



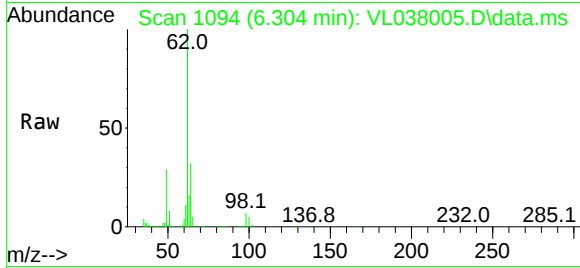
Tgt Ion: 78 Resp: 3208577
Ion Ratio Lower Upper
78 100
77 22.9 17.9 26.9
50 18.4 14.4 21.6





#37
1,2-Dichloroethane
Concen: 9.128 ppbv
RT: 6.304 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

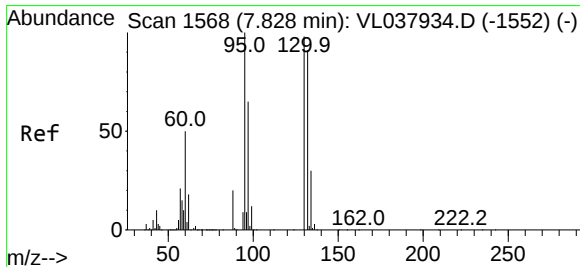
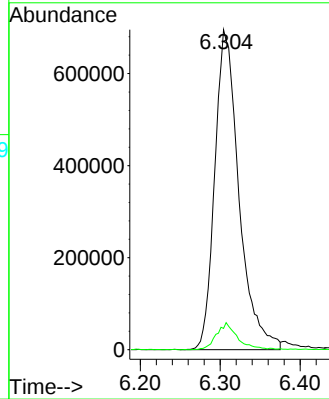
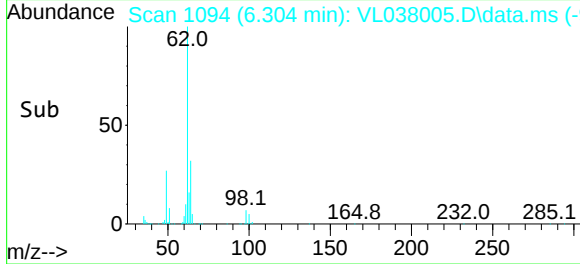
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 1463589
Ion Ratio Lower Upper
62 100
98 7.6 6.5 9.7

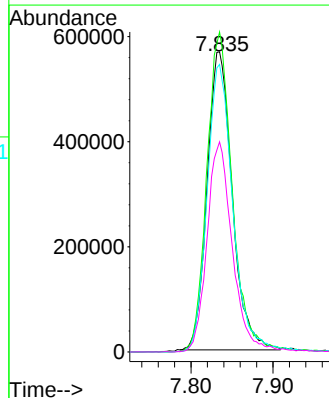
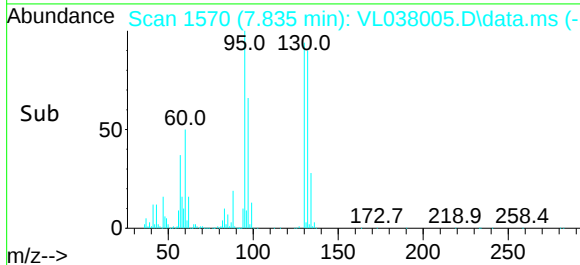
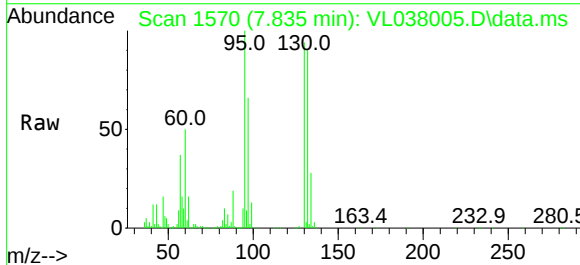
Manual Integrations
APPROVED

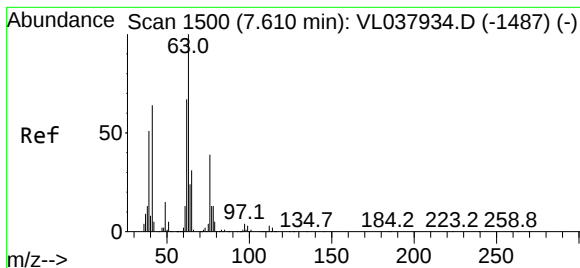
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Trichloroethene
Concen: 8.625 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

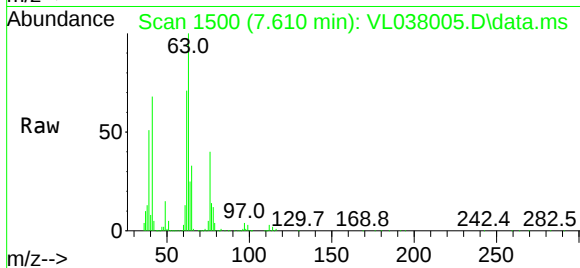
Tgt Ion:130 Resp: 1207376
Ion Ratio Lower Upper
130 100
95 107.2 81.8 122.8
132 96.2 74.2 111.2
97 70.4 53.4 80.2





#39
1,2-Dichloropropane
Concen: 9.794 ppbv
RT: 7.610 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

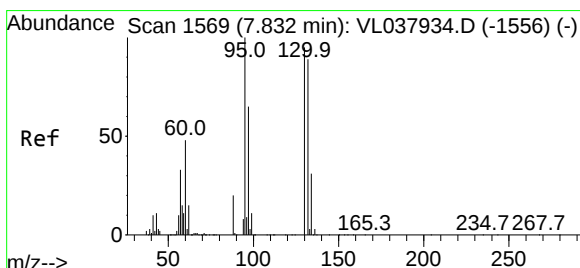
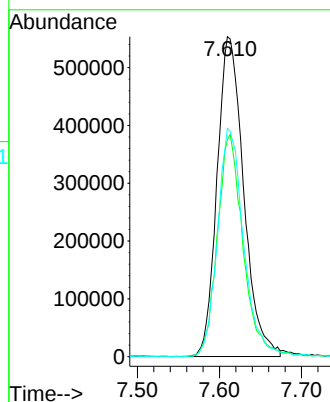
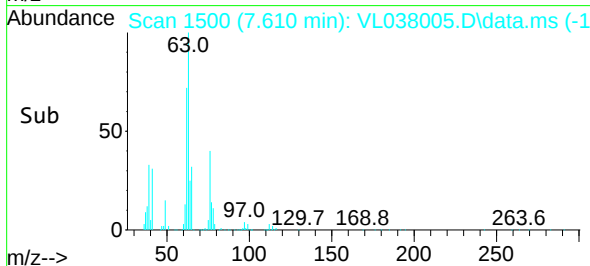


Tgt Ion: 63 Resp: 124286

Ion	Ratio	Lower	Upper
63	100		
41	67.8	51.6	77.4
62	71.3	53.5	80.3

Manual Integrations
APPROVED

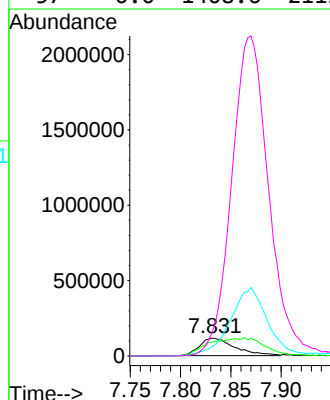
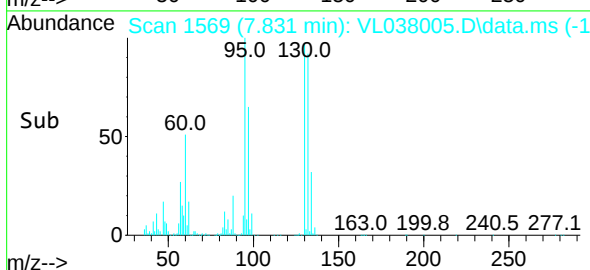
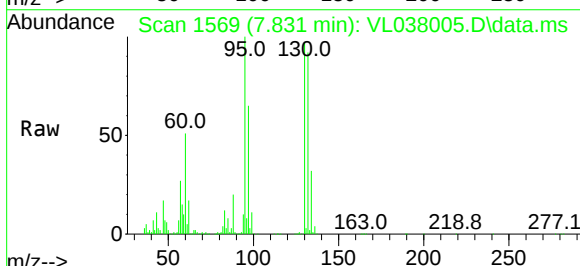
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

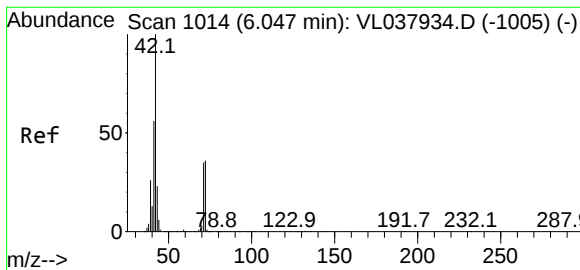


#40
1,4-Dioxane
Concen: 8.551 ppbv
RT: 7.831 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

Tgt Ion: 88 Resp: 285797

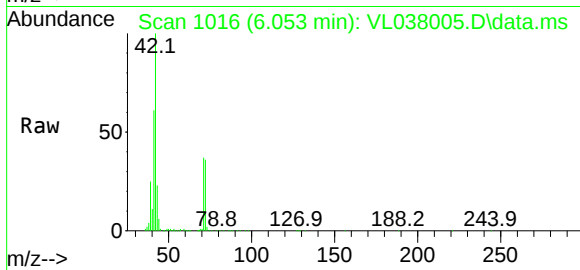
Ion	Ratio	Lower	Upper
88	100		
58	0.0	129.1	193.7#
43	0.0	313.2	469.8#
57	0.0	1408.6	2112.8#





#41
Tetrahydrofuran
Concen: 9.910 ppbv
RT: 6.053 min Scan# 1016
Delta R.T. 0.006 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

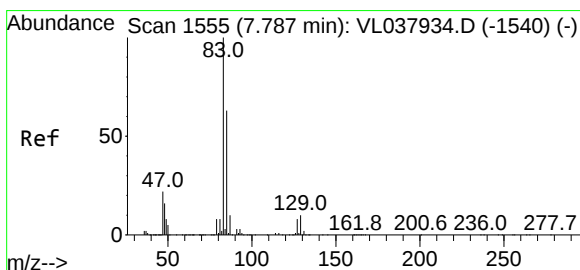
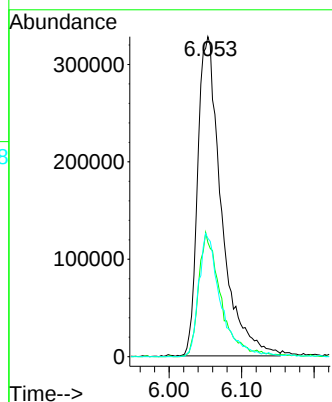
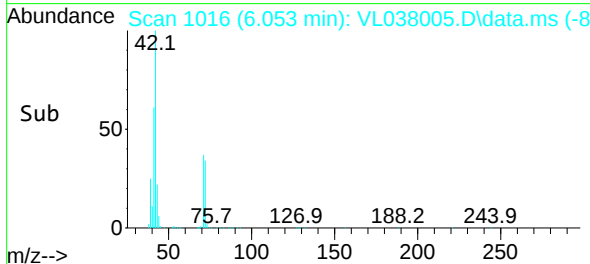
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 744158
Ion Ratio Lower Upper
42 100
72 37.1 31.5 47.3
71 36.4 30.5 45.7

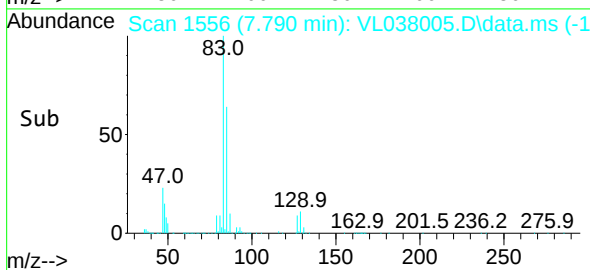
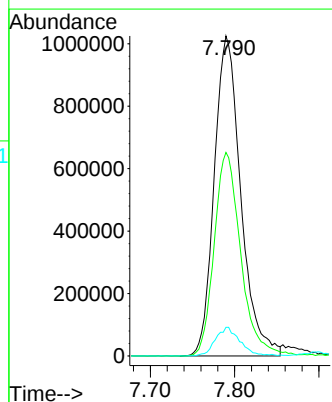
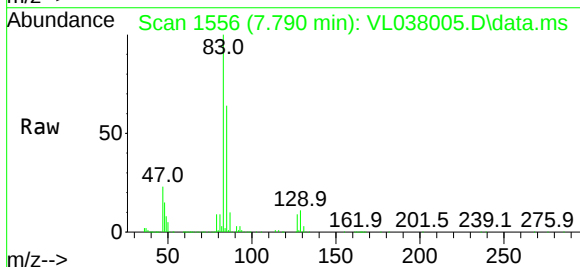
Manual Integrations
APPROVED

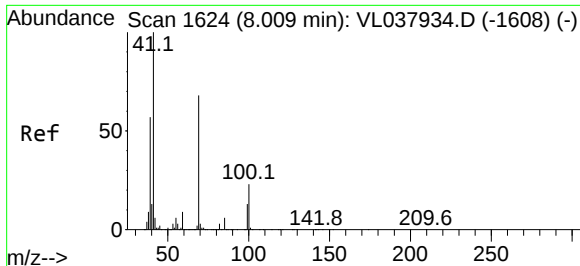
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
Bromodichloromethane
Concen: 9.251 ppbv
RT: 7.790 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

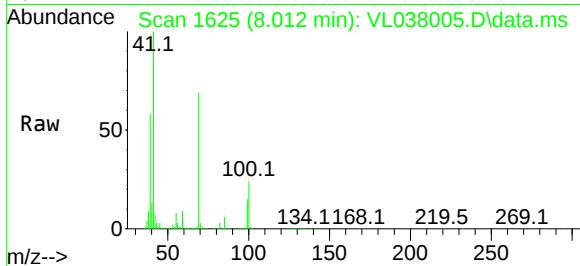
Tgt Ion: 83 Resp: 2242784
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 8.9 6.1 9.1





#43
Methyl Methacrylate
Concen: 10.781 ppbv
RT: 8.012 min Scan# 119353
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

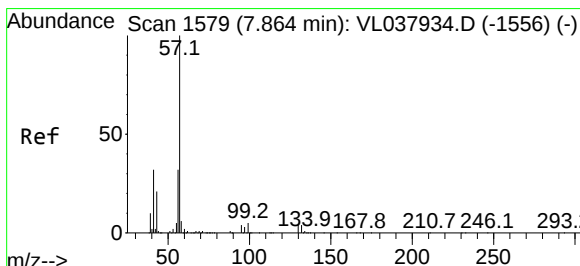
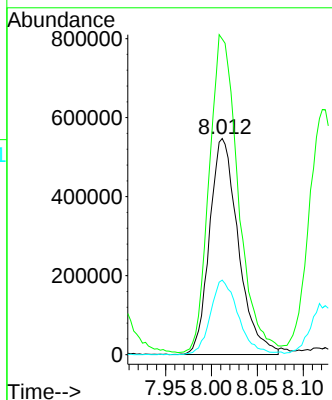
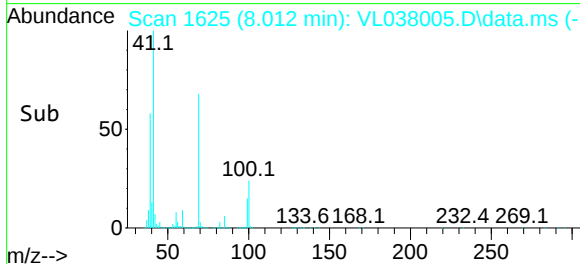
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



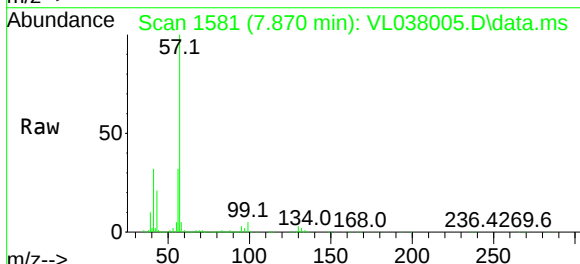
Tgt Ion: 69 Resp: 119353
Ion Ratio Lower Upper
69 100
41 149.8 117.4 176.2
100 34.0 27.8 41.6

Manual Integrations
APPROVED

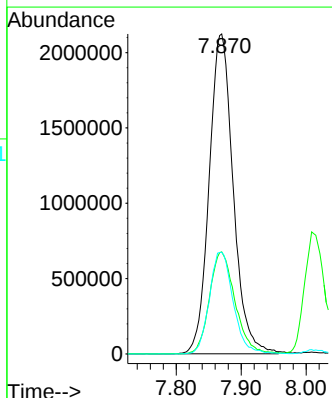
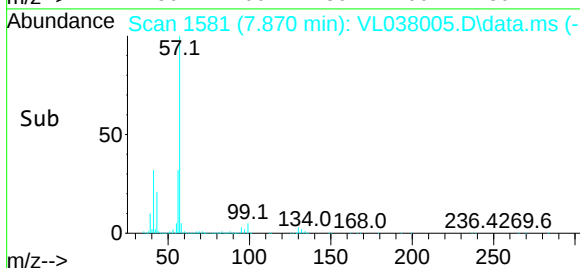
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

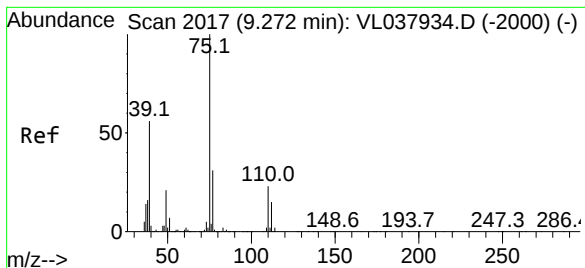


#44
2,2,4-Trimethylpentane
Concen: 9.513 ppbv
RT: 7.870 min Scan# 1581
Delta R.T. 0.006 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



Tgt Ion: 57 Resp: 5457059
Ion Ratio Lower Upper
57 100
41 33.9 25.8 38.8
56 31.7 25.9 38.9





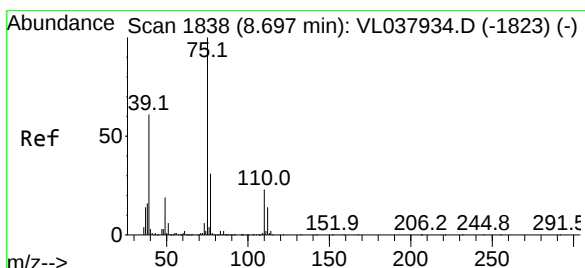
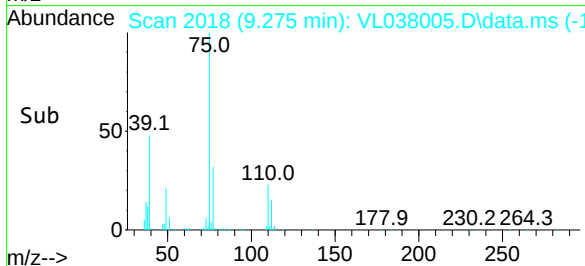
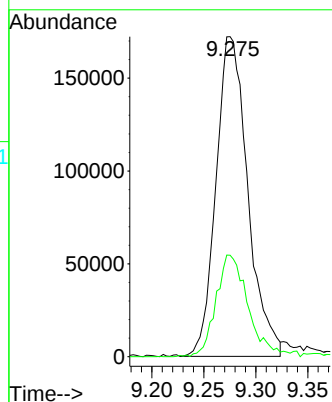
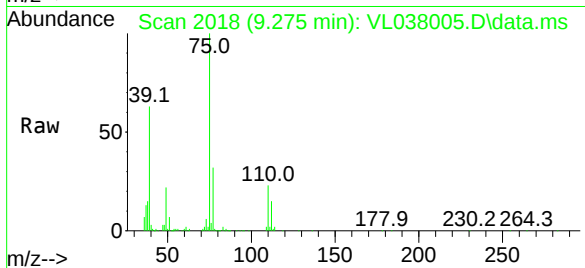
#45
t-1,3-Dichloropropene
Concen: 4.496 ppbv
RT: 9.275 min Scan# 2017
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 365760
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8

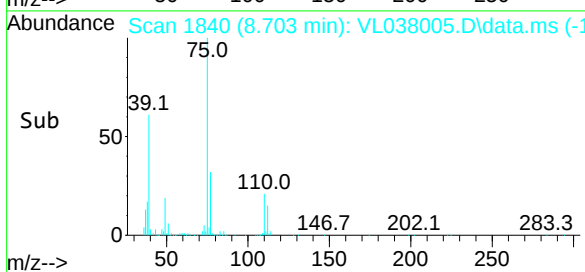
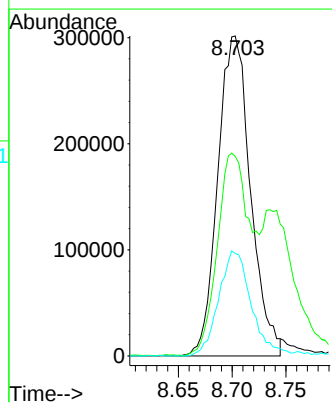
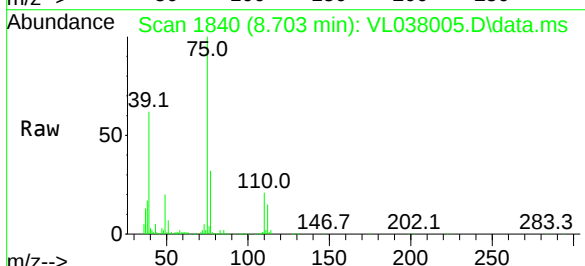
Manual Integrations
APPROVED

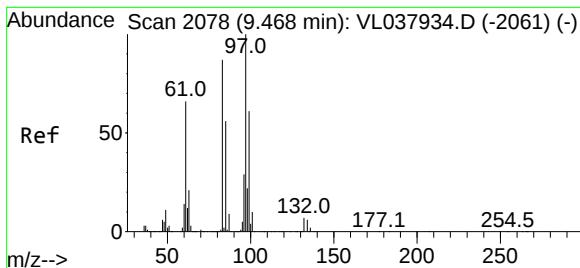
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#46
cis-1,3-Dichloropropene
Concen: 5.717 ppbv
RT: 8.703 min Scan# 1840
Delta R.T. 0.006 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

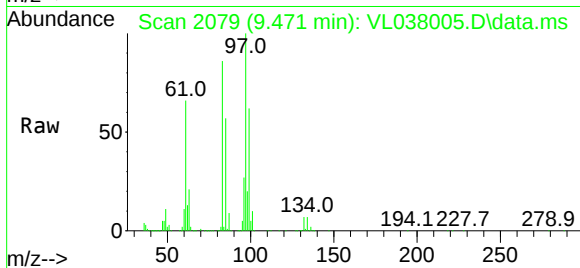
Tgt Ion: 75 Resp: 639363
Ion Ratio Lower Upper
75 100
39 62.1 48.8 73.2
77 32.0 24.6 36.8





#47
1,1,2-Trichloroethane
Concen: 9.101 ppbv
RT: 9.471 min Scan# 2078
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

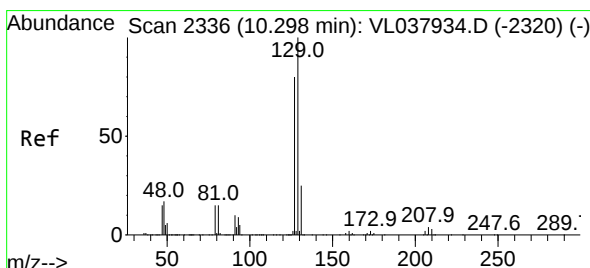
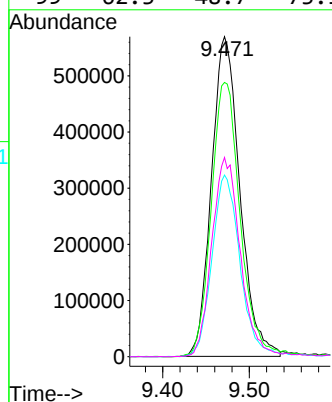
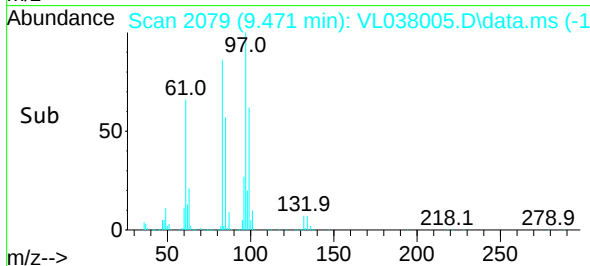
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



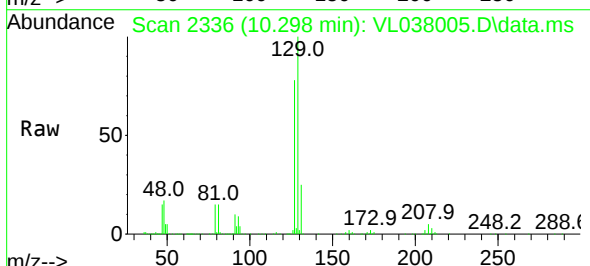
Tgt Ion: 97 Resp: 1297629
Ion Ratio Lower Upper
97 100
83 85.7 69.4 104.2
85 56.8 45.0 67.6
99 62.3 48.7 73.1

Manual Integrations
APPROVED

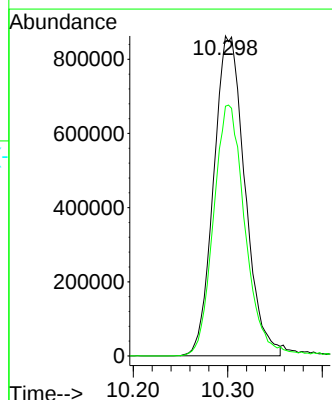
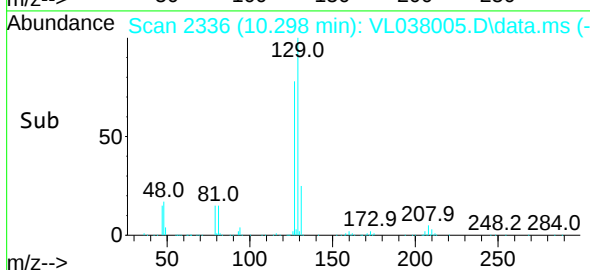
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

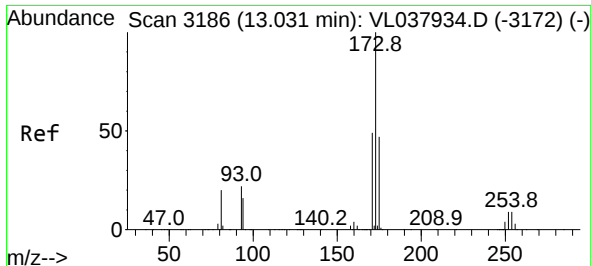


#48
Dibromochloromethane
Concen: 9.818 ppbv
RT: 10.298 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



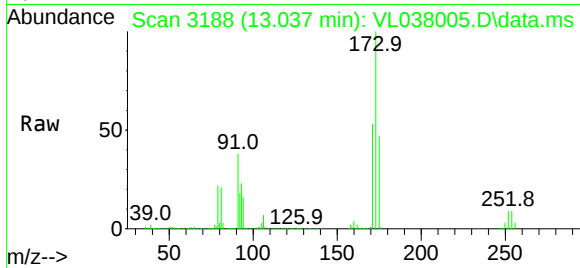
Tgt Ion:129 Resp: 1982028
Ion Ratio Lower Upper
129 100
127 80.2 40.3 120.9





#49
Bromoform
Concen: 10.613 ppbv
RT: 13.037 min Scan# 3186
Delta R.T. 0.006 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

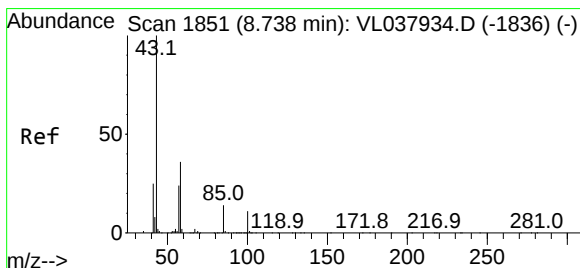
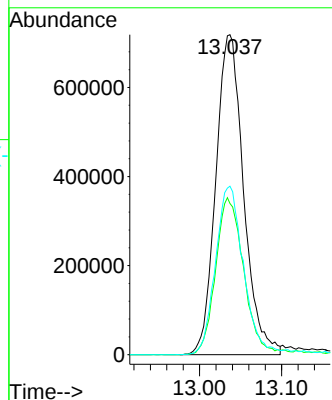
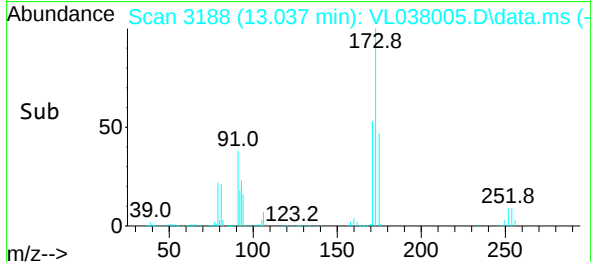
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 1693529
Ion Ratio Lower Upper
173 100
175 50.8 39.5 59.3
171 54.0 43.6 65.4

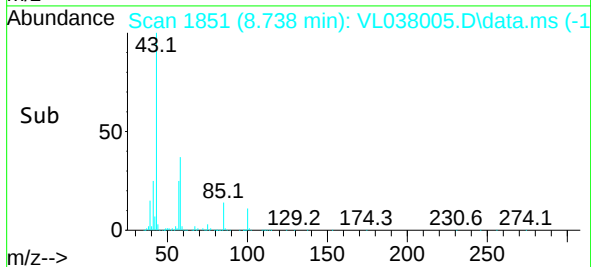
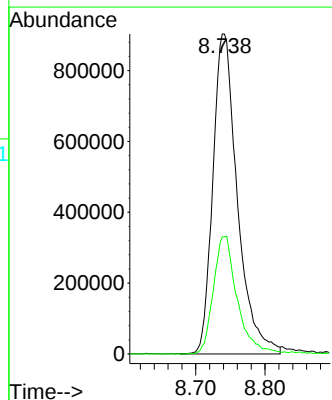
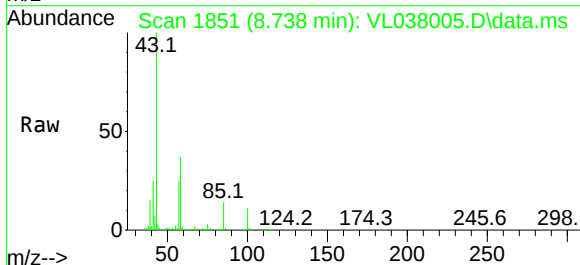
Manual Integrations
APPROVED

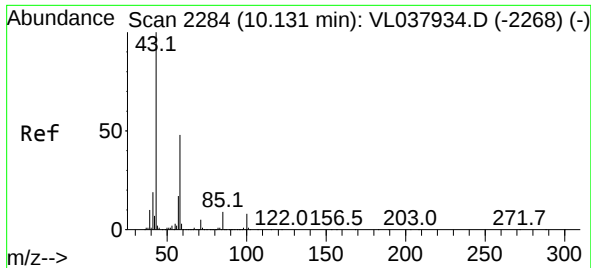
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#50
4-Methyl-2-Pentanone
Concen: 11.008 ppbv
RT: 8.738 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

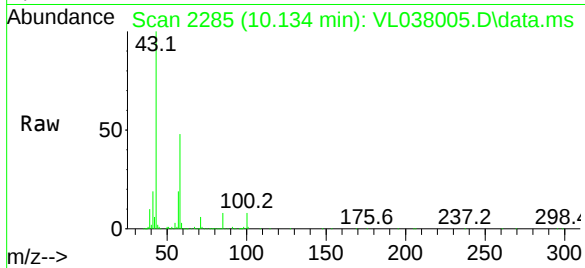
Tgt Ion: 43 Resp: 2219599
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2





#51
2-Hexanone
Concen: 13.016 ppbv
RT: 10.134 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

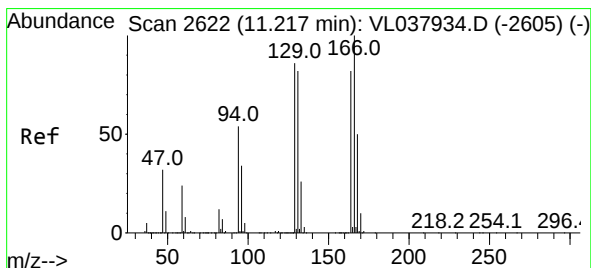
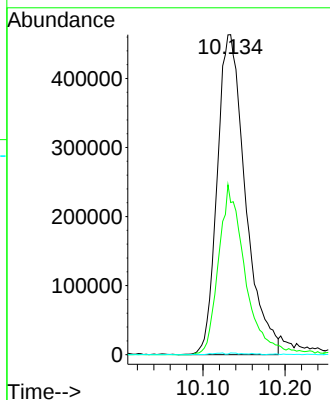
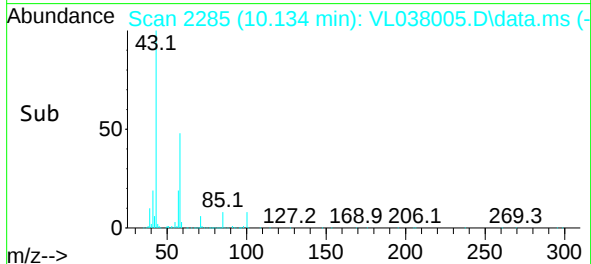
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



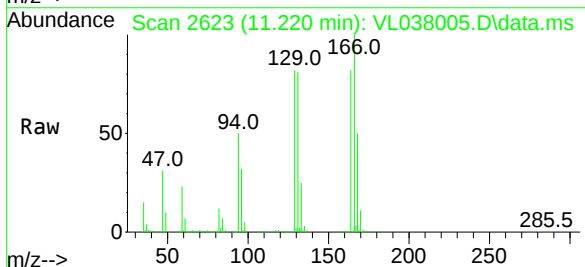
Tgt Ion: 43 Resp: 1106150
Ion Ratio Lower Upper
43 100
58 51.2 38.6 57.8
98 0.3 1.0 1.4

Manual Integrations
APPROVED

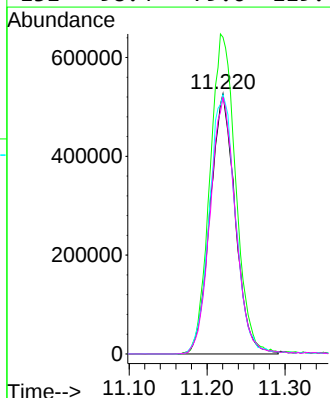
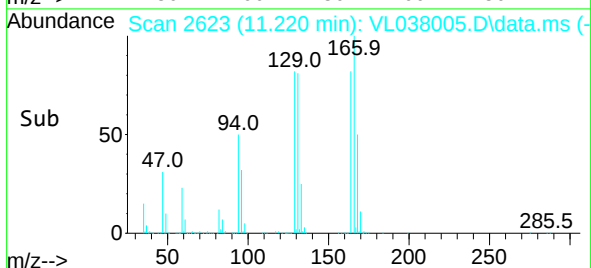
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

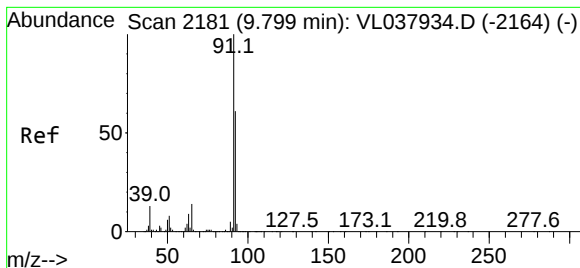


#52
Tetrachloroethene
Concen: 9.174 ppbv
RT: 11.220 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



Tgt Ion:164 Resp: 1173726
Ion Ratio Lower Upper
164 100
166 121.7 97.6 146.4
129 99.7 84.2 126.2
131 98.4 79.6 119.4





#53

Toluene

Concen: 10.098 ppbv

RT: 9.802 min Scan# 2181

Delta R.T. 0.003 min

Lab File: VL038005.D

Acq: 10 Nov 2021 7:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 3651180

Ion Ratio Lower Upper

91 100

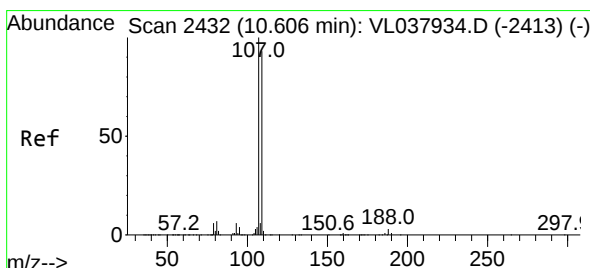
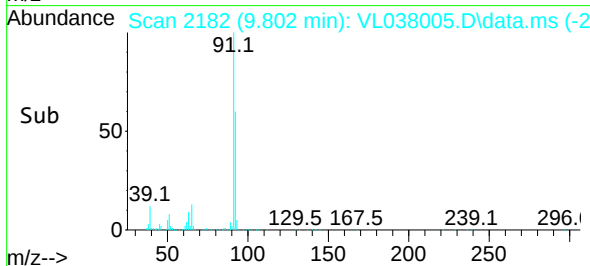
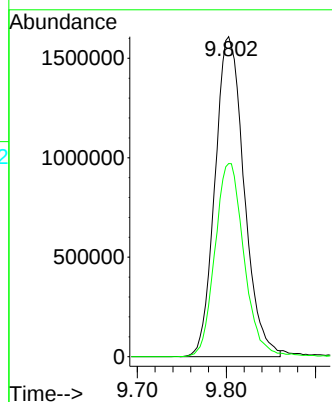
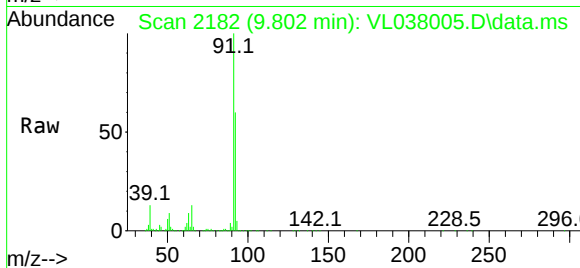
92 60.5 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

1,2-Dibromoethane

Concen: 8.919 ppbv

RT: 10.606 min Scan# 2432

Delta R.T. -0.000 min

Lab File: VL038005.D

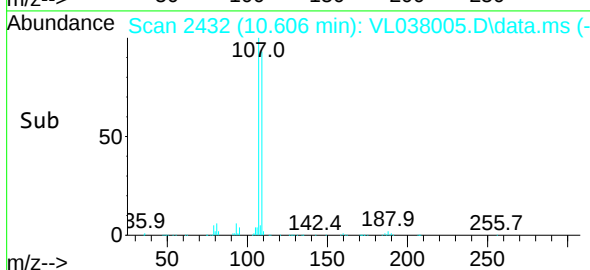
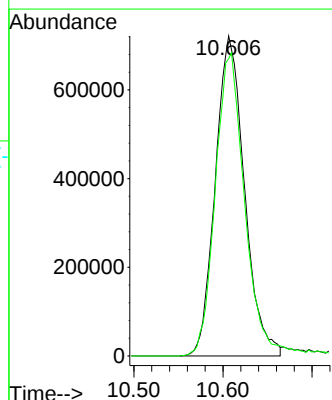
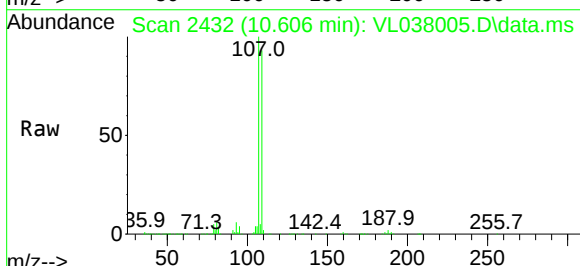
Acq: 10 Nov 2021 7:56

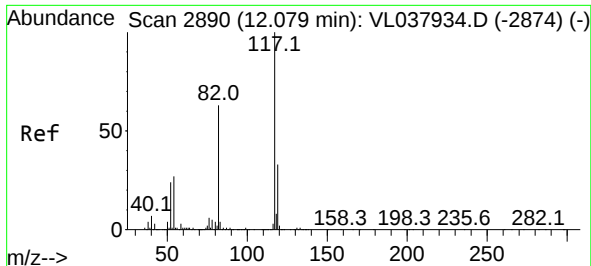
Tgt Ion:107 Resp: 1640225

Ion Ratio Lower Upper

107 100

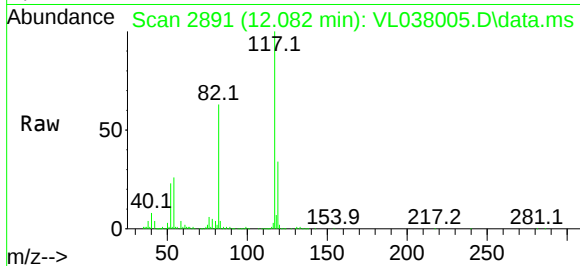
109 92.9 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.082 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

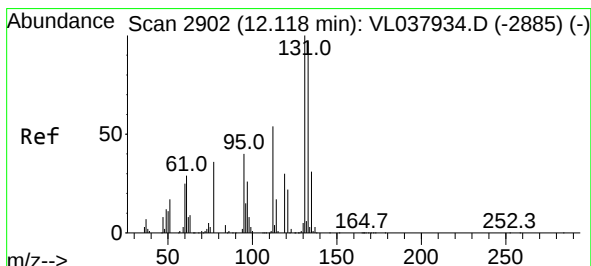
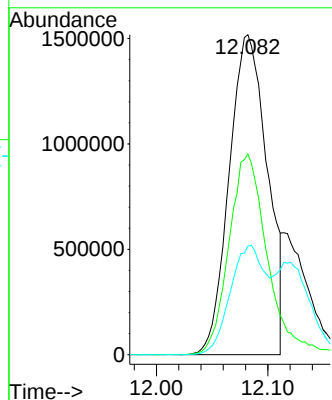
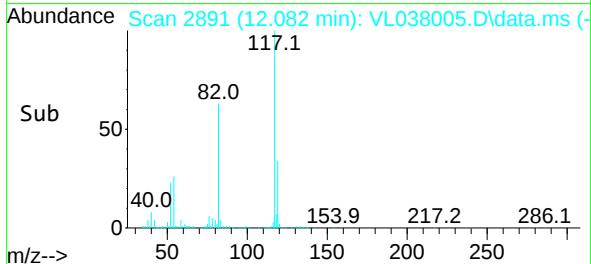
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



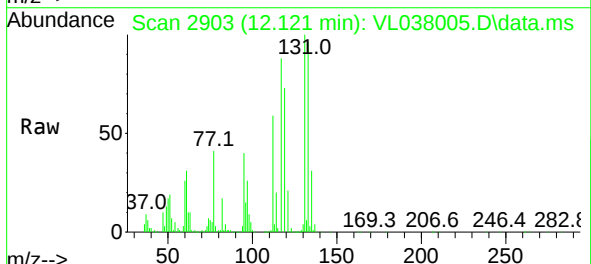
Tgt Ion:117 Resp: 3615450
Ion Ratio Lower Upper
117 100
82 65.8 51.0 76.6
119 33.1 26.9 40.3

Manual Integrations
APPROVED

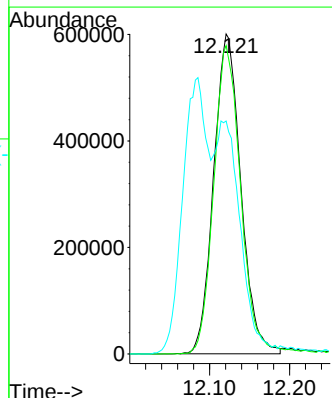
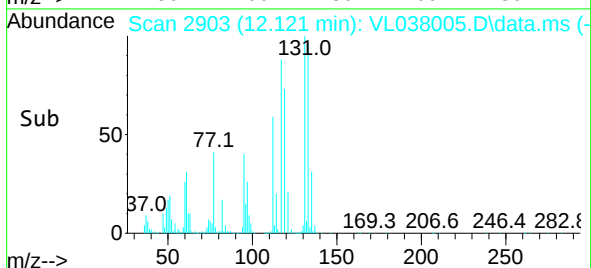
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

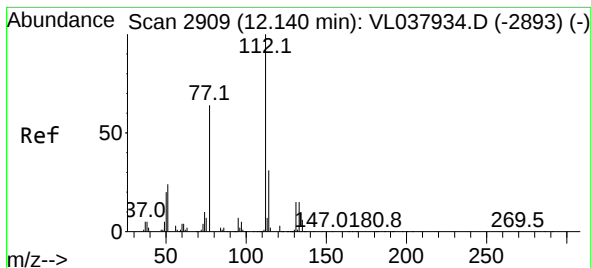


#56
1,1,1,2-Tetrachloroethane
Concen: 9.698 ppbv
RT: 12.121 min Scan# 2903
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



Tgt Ion:131 Resp: 1415634
Ion Ratio Lower Upper
131 100
133 97.1 79.6 119.4
119 70.4 125.4 188.2#





#57

Chlorobenzene

Concen: 9.217 ppbv

RT: 12.143 min Scan# 2909

Delta R.T. 0.003 min

Lab File: VL038005.D

Acq: 10 Nov 2021 7:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 265978

Ion Ratio Lower Upper

112 100

77 65.2 51.1 76.7

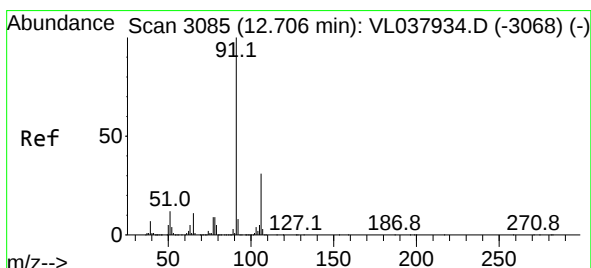
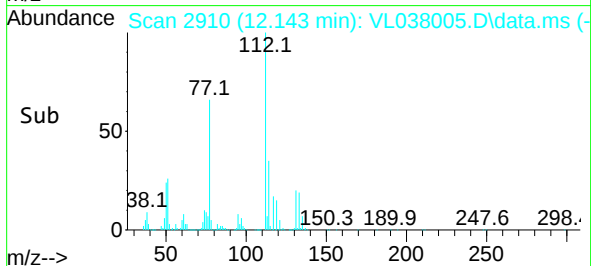
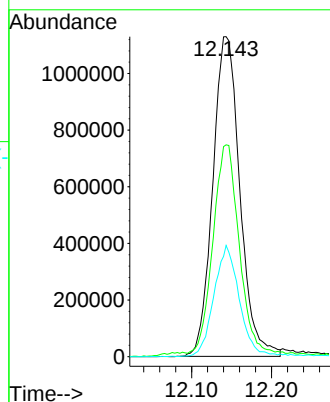
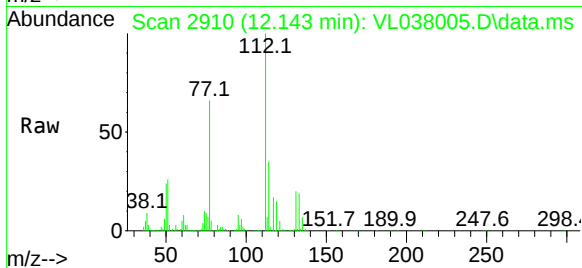
114 34.7 27.9 34.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

Ethyl Benzene

Concen: 10.567 ppbv

RT: 12.706 min Scan# 3085

Delta R.T. -0.000 min

Lab File: VL038005.D

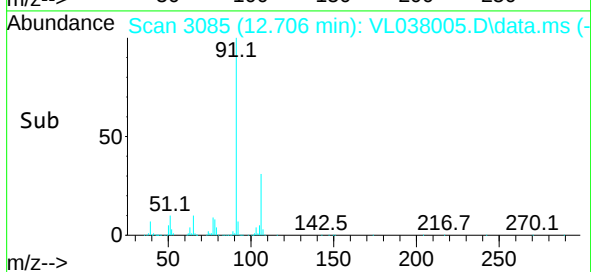
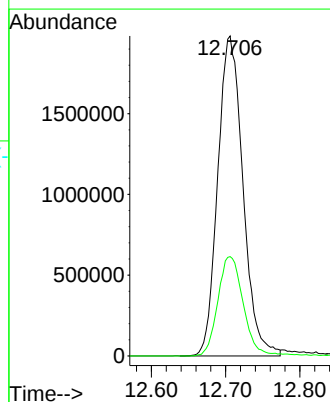
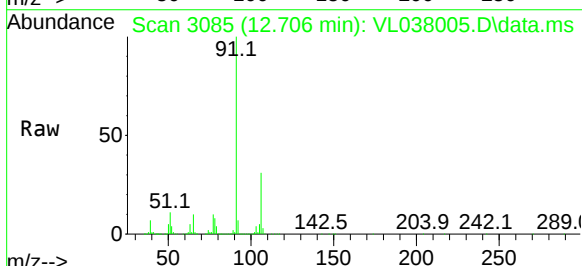
Acq: 10 Nov 2021 7:56

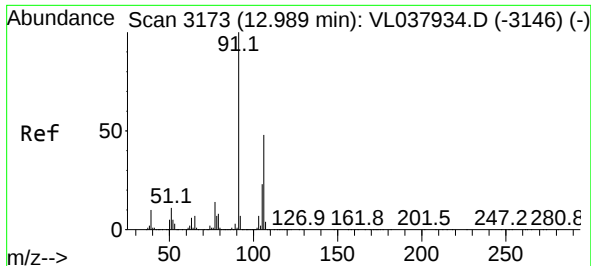
Tgt Ion: 91 Resp: 4672133

Ion Ratio Lower Upper

91 100

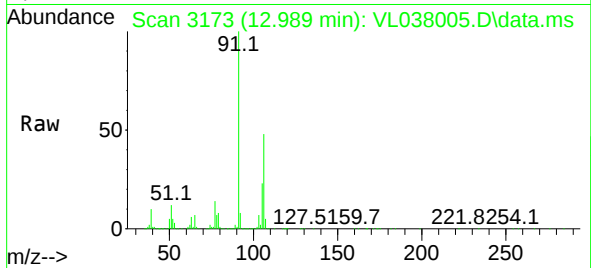
106 31.1 25.1 37.7





#59
m/p-Xylene
Concen: 19.714 ppbv m
RT: 12.989 min Scan# 3173
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

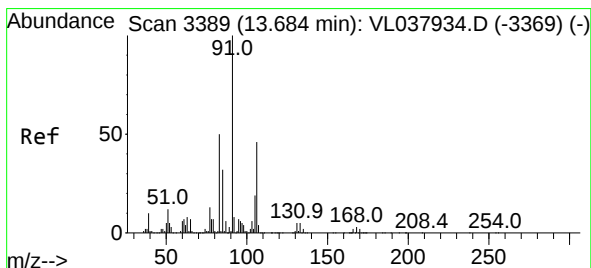
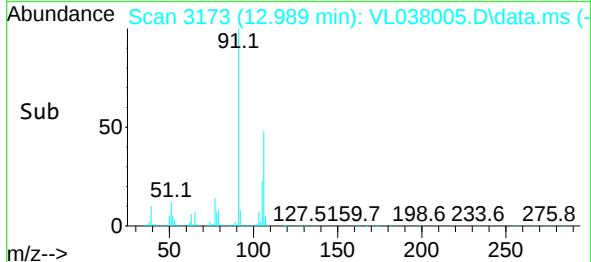
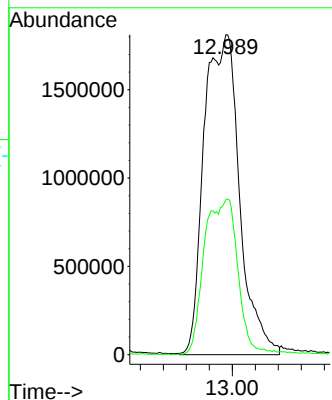
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 774734
Ion Ratio Lower Upper
91 100
106 46.7 37.1 55.7

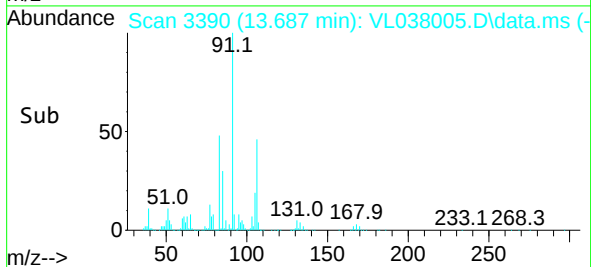
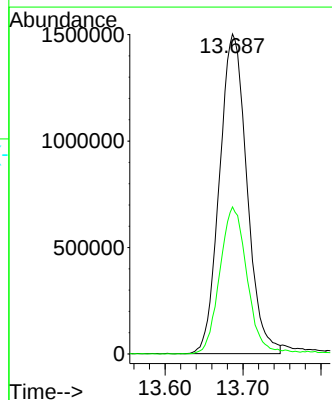
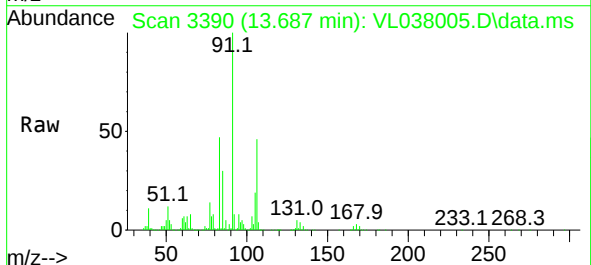
Manual Integrations
APPROVED

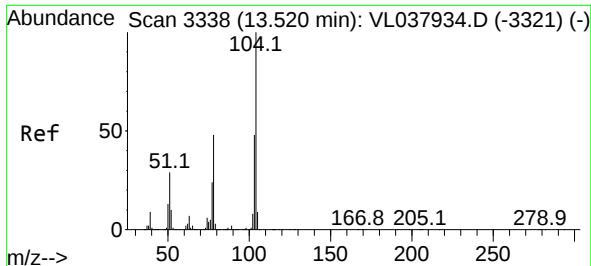
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
o-Xylene
Concen: 9.921 ppbv
RT: 13.687 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

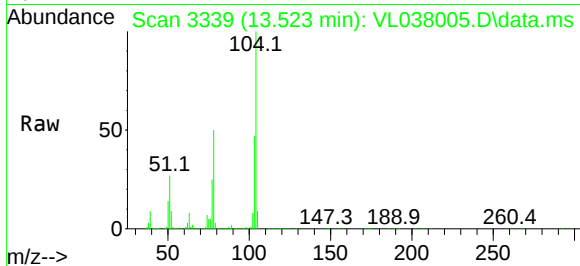
Tgt Ion: 91 Resp: 3675759
Ion Ratio Lower Upper
91 100
106 46.8 23.5 70.6





#61
Styrene
Concen: 11.435 ppbv
RT: 13.523 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

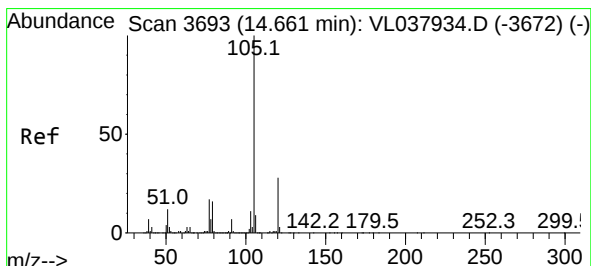
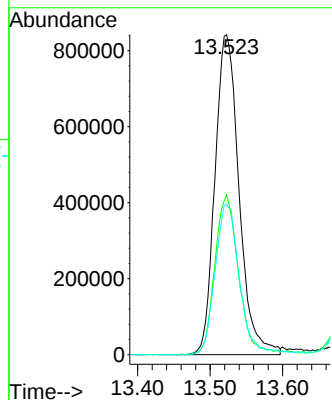
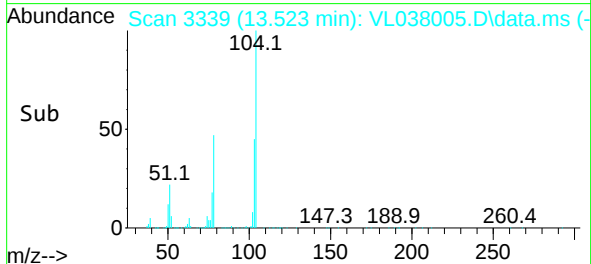
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



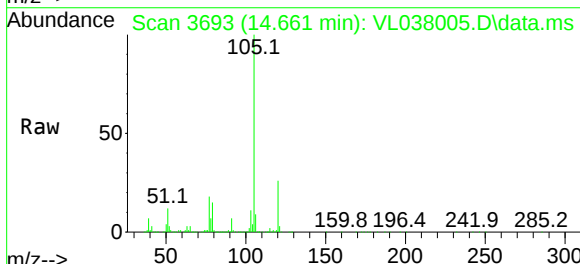
Tgt Ion:104 Resp: 194575
Ion Ratio Lower Upper
104 100
78 49.8 39.3 58.9
103 47.9 39.6 59.4

Manual Integrations
APPROVED

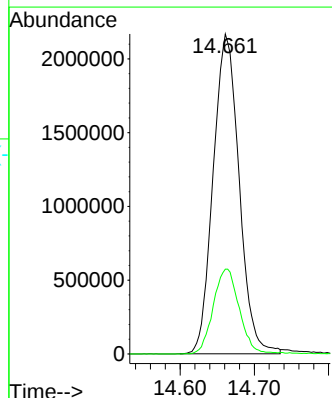
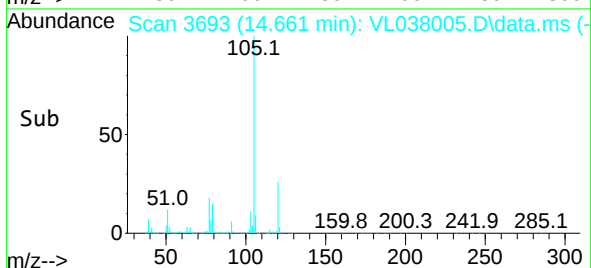
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

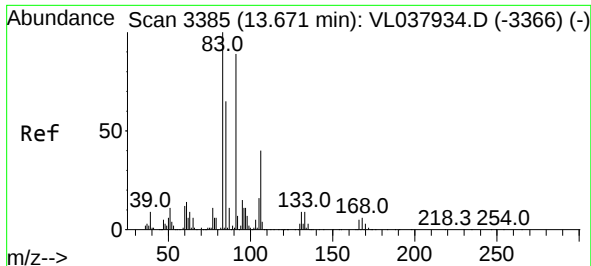


#62
Isopropylbenzene
Concen: 10.040 ppbv
RT: 14.661 min Scan# 3693
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



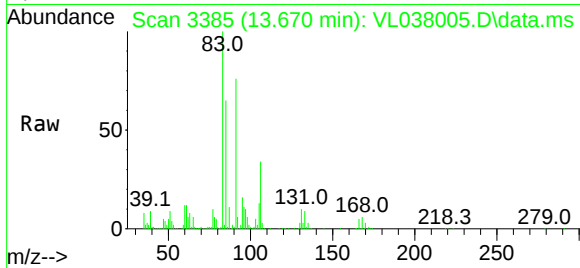
Tgt Ion:105 Resp: 5267601
Ion Ratio Lower Upper
105 100
120 27.0 21.8 32.6





#63
1,1,2,2-Tetrachloroethane
Concen: 8.611 ppbv
RT: 13.670 min Scan# 3385
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

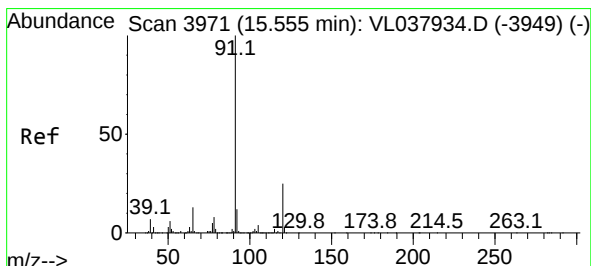
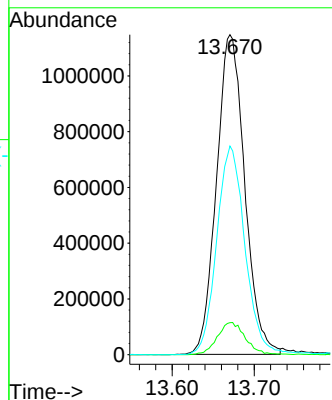
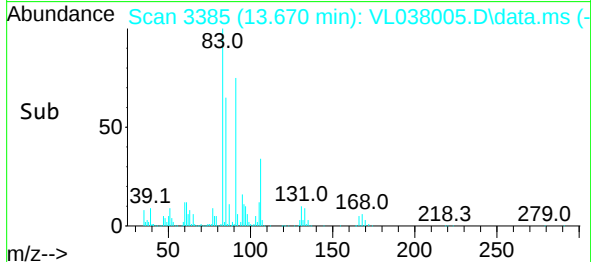
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



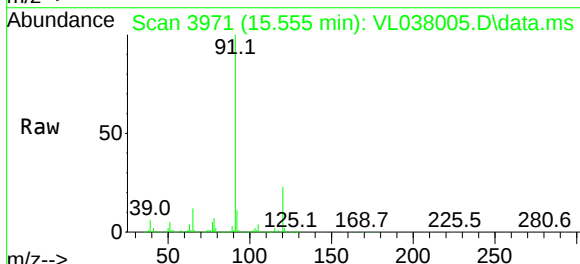
Tgt Ion: 83 Resp: 2745979
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 66.4 32.5 97.5

Manual Integrations
APPROVED

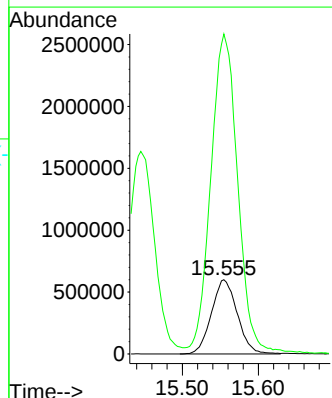
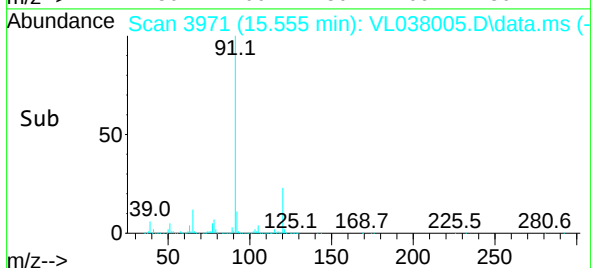
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

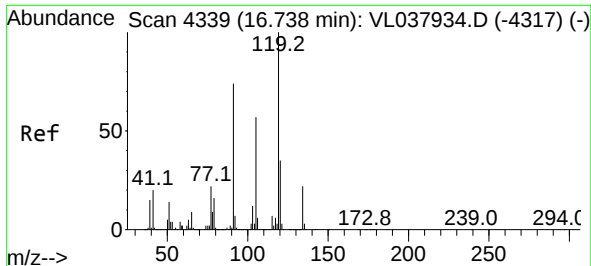


#64
n-propylbenzene
Concen: 10.511 ppbv
RT: 15.555 min Scan# 3971
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



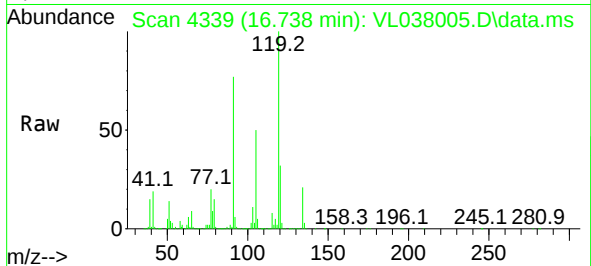
Tgt Ion:120 Resp: 1412946
Ion Ratio Lower Upper
120 100
91 452.4 363.3 544.9





#65
tert-Butylbenzene
Concen: 9.983 ppbv
RT: 16.738 min Scan# 411
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

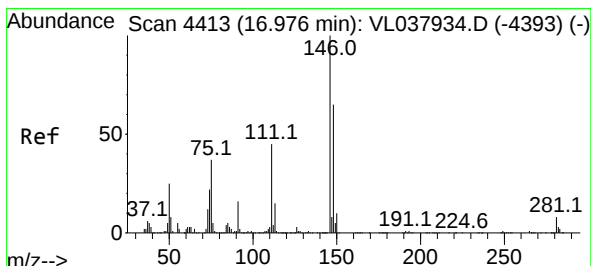
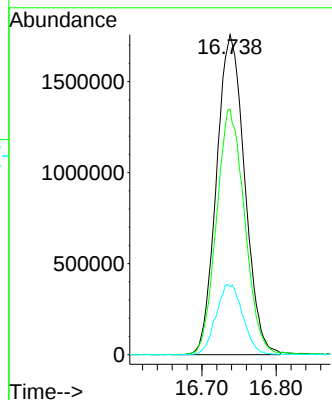
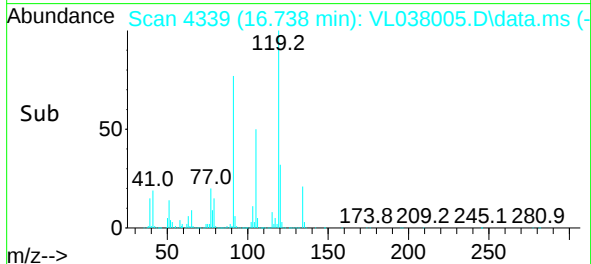
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



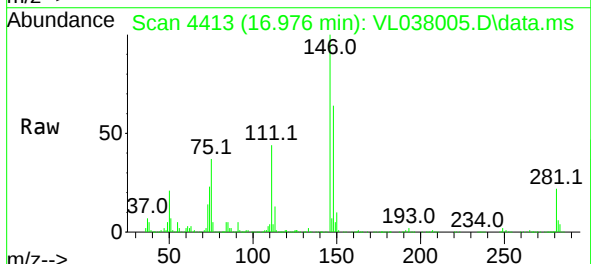
Tgt Ion: 119 Resp: 462838
Ion Ratio Lower Upper
119 100
91 77.2 61.8 92.6
134 21.0 16.6 25.0

Manual Integrations
APPROVED

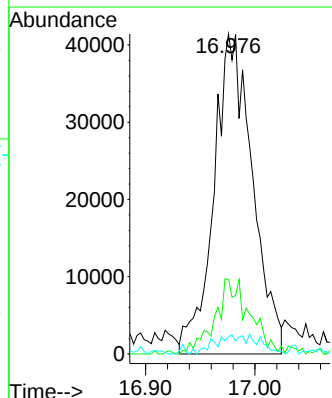
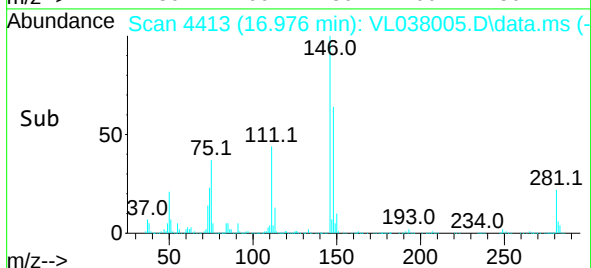
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

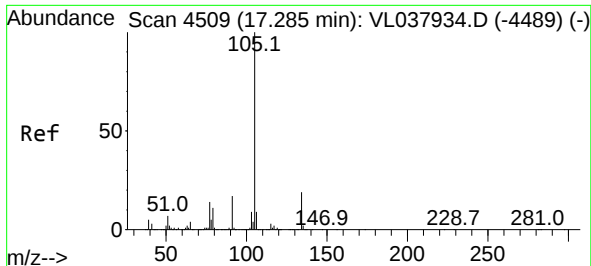


#66
Benzyl Chloride
Concen: 4.191 ppbv m
RT: 16.976 min Scan# 4413
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



Tgt Ion: 91 Resp: 101528
Ion Ratio Lower Upper
91 100
126 21.1 13.8 20.6#
128 7.5 5.1 7.7





#67

sec-Butylbenzene

Concen: 10.161 ppbv

RT: 17.288 min Scan# 4509

Delta R.T. 0.003 min

Lab File: VL038005.D

Acq: 10 Nov 2021 7:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 6490549

Ion Ratio Lower Upper

105 100

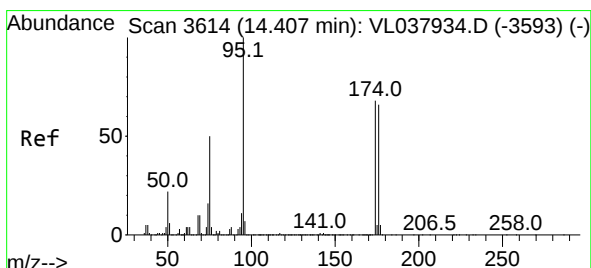
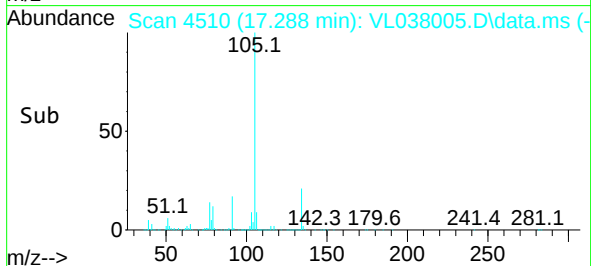
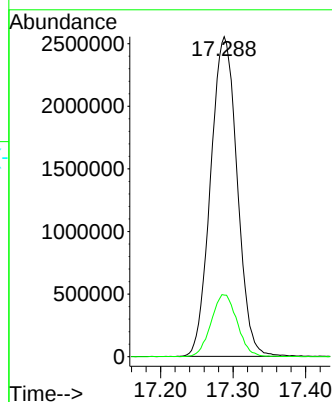
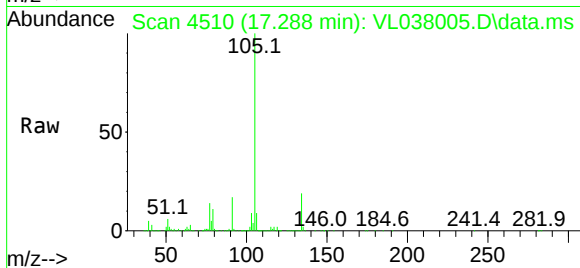
134 19.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 9.962 ppbv

RT: 14.410 min Scan# 3615

Delta R.T. 0.003 min

Lab File: VL038005.D

Acq: 10 Nov 2021 7:56

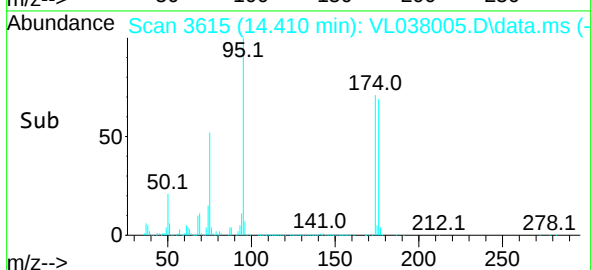
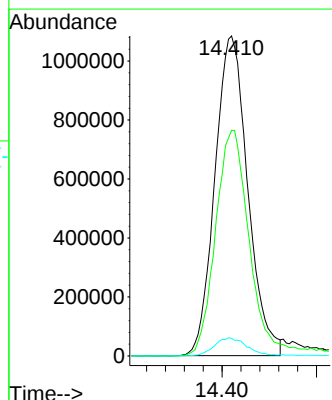
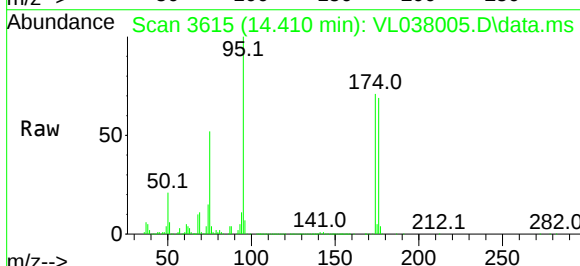
Tgt Ion: 95 Resp: 2618134

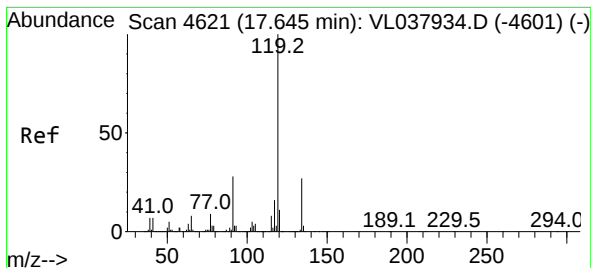
Ion Ratio Lower Upper

95 100

174 75.6 58.3 87.5

175 6.0 4.6 6.8





#69

p-Isopropyltoluene

Concen: 10.498 ppbv

RT: 17.645 min Scan# 4621

Delta R.T. -0.000 min

Lab File: VL038005.D

Acq: 10 Nov 2021 7:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 5378990

Ion Ratio Lower Upper

119 100

134 26.7 21.0 31.4

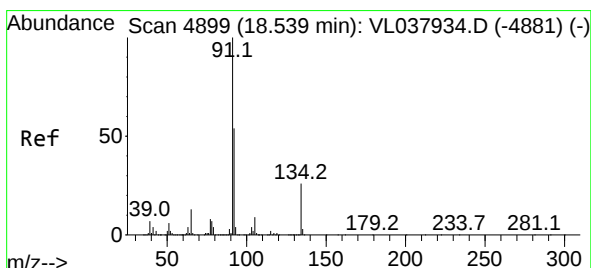
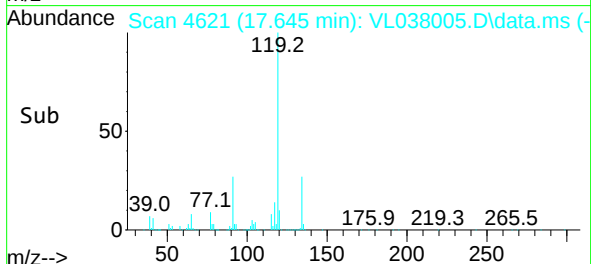
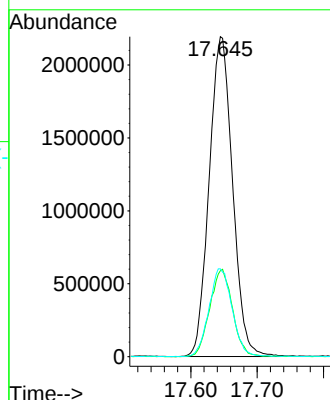
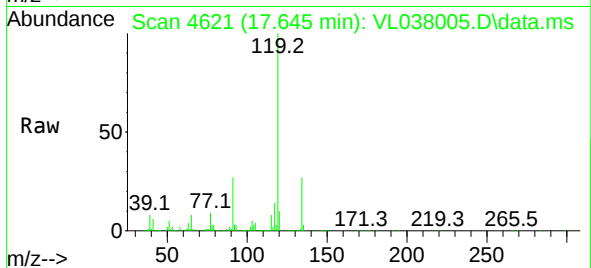
91 27.2 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#70

n-Butylbenzene

Concen: 11.000 ppbv

RT: 18.542 min Scan# 4900

Delta R.T. 0.003 min

Lab File: VL038005.D

Acq: 10 Nov 2021 7:56

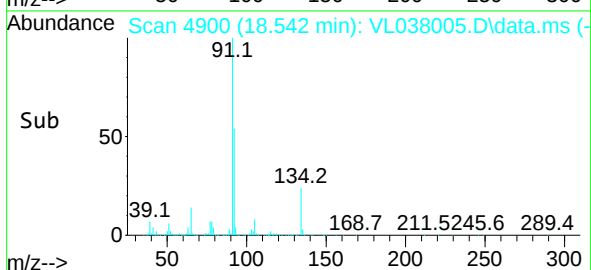
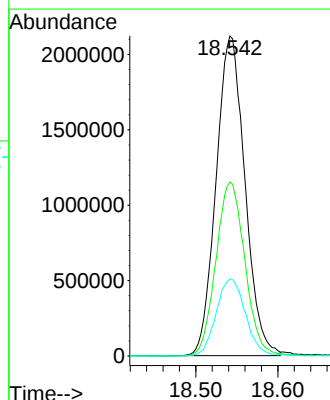
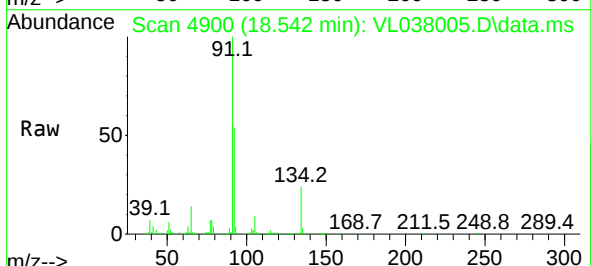
Tgt Ion: 91 Resp: 5178958

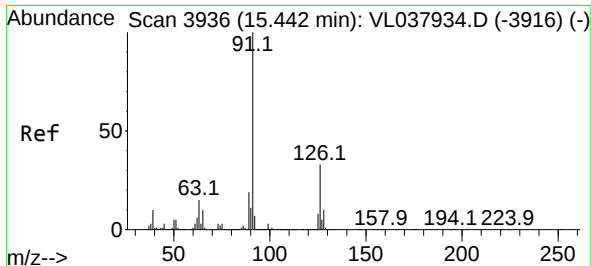
Ion Ratio Lower Upper

91 100

92 55.0 43.6 65.4

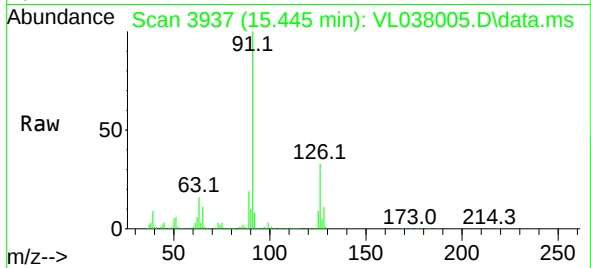
134 24.6 19.8 29.6





#71
2-Chlorotoluene
Concen: 10.717 ppbv
RT: 15.445 min Scan# 3936
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

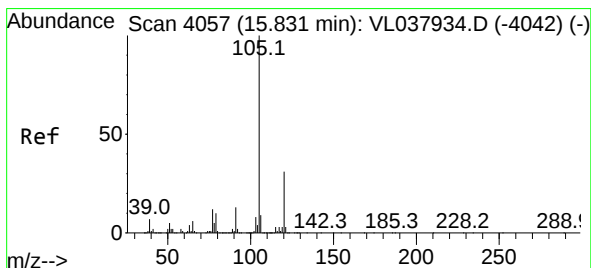
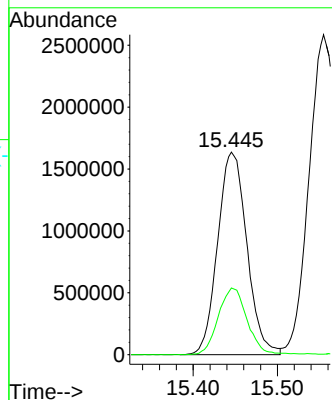
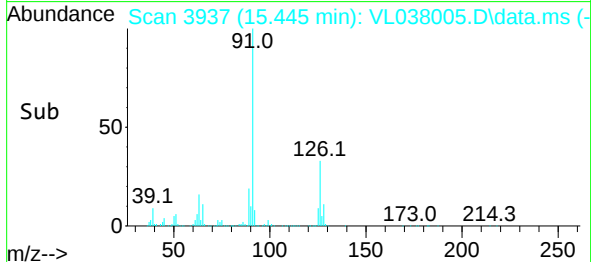
Instrument :
MSVOA_L
ClientSampleId :
VSTDC010EC



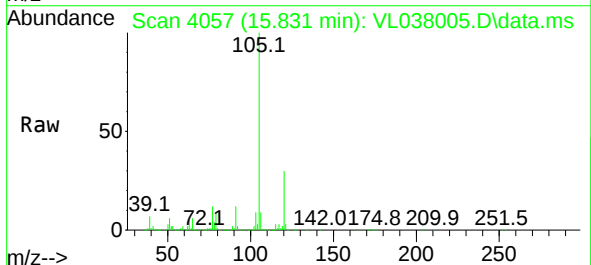
Tgt Ion: 91 Resp: 3939492
Ion Ratio Lower Upper
91 100
126 33.1 13.3 53.3

Manual Integrations
APPROVED

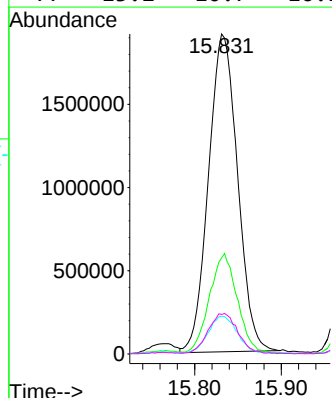
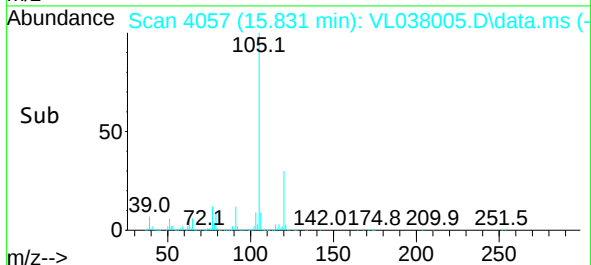
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

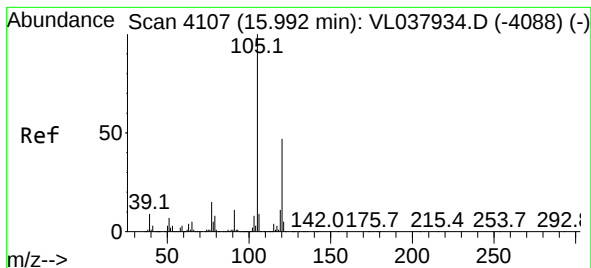


#72
4-Ethyltoluene
Concen: 10.495 ppbv
RT: 15.831 min Scan# 4057
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



Tgt Ion:105 Resp: 4454673
Ion Ratio Lower Upper
105 100
120 30.8 25.3 37.9
91 12.1 9.9 14.9
77 13.2 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 9.909 ppbv

RT: 15.989 min Scan# 4106

Delta R.T. -0.003 min

Lab File: VL038005.D

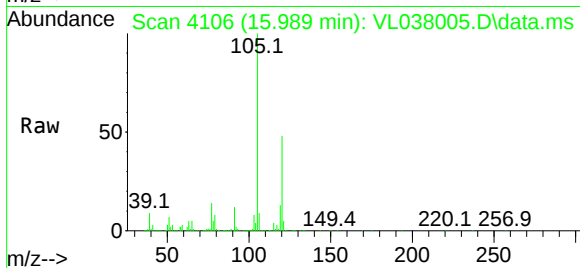
Acq: 10 Nov 2021 7:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:105 Resp: 393893

Ion Ratio Lower Upper

105 100

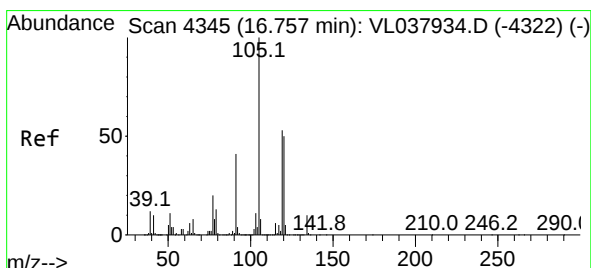
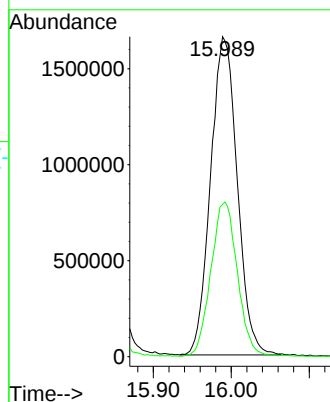
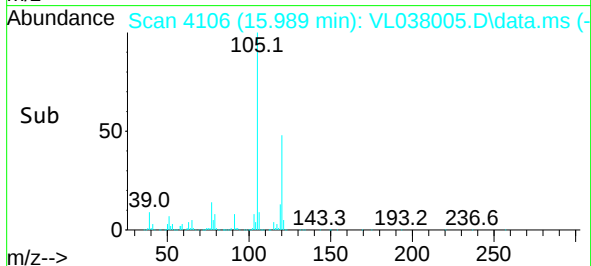
120 47.7 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#74

1,2,4-Trimethylbenzene

Concen: 9.787 ppbv

RT: 16.757 min Scan# 4345

Delta R.T. -0.000 min

Lab File: VL038005.D

Acq: 10 Nov 2021 7:56

Tgt Ion:105 Resp: 4075665

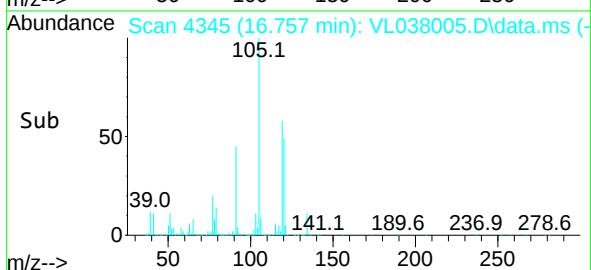
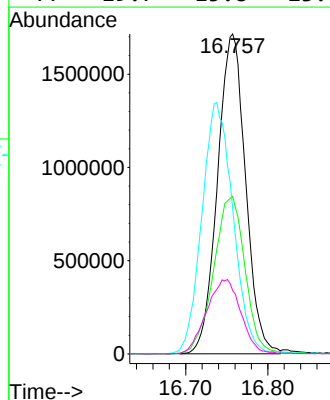
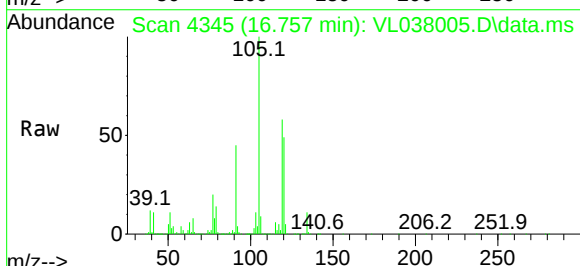
Ion Ratio Lower Upper

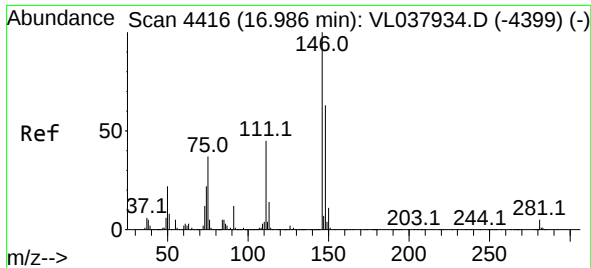
105 100

120 49.0 40.0 60.0

91 44.8 32.6 49.0

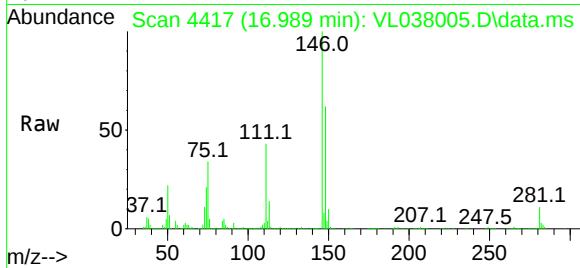
77 19.7 15.8 23.8





#75
1,3-Dichlorobenzene
Concen: 9.935 ppbv
RT: 16.989 min Scan# 4417
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

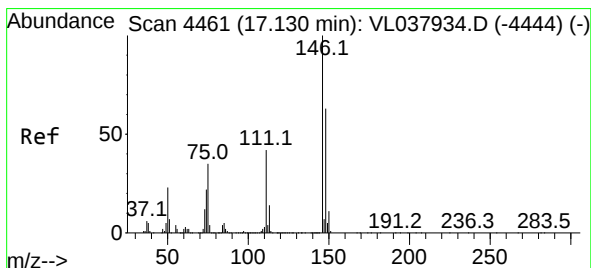
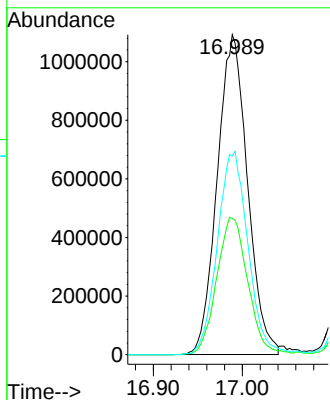
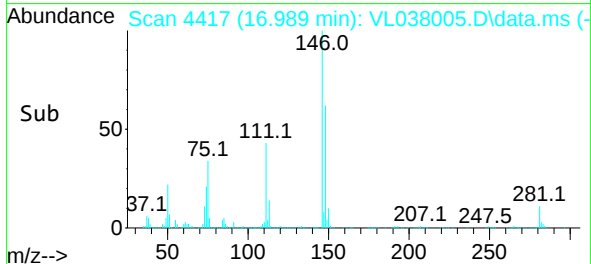
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



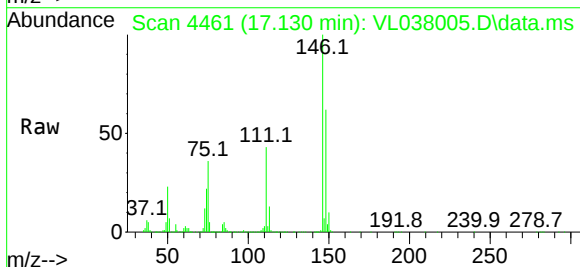
Tgt Ion:146 Resp: 257608
Ion Ratio Lower Upper
146 100
111 44.4 22.7 68.1
148 65.0 32.4 97.0

Manual Integrations
APPROVED

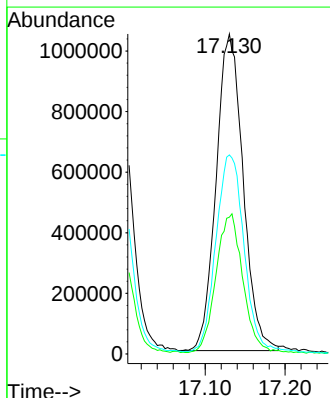
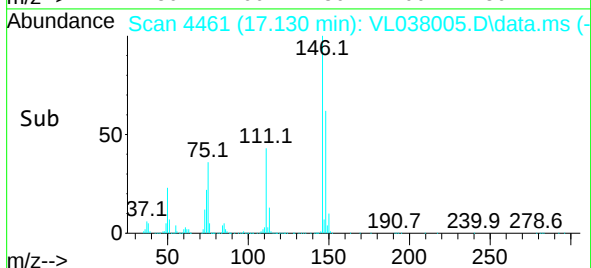
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

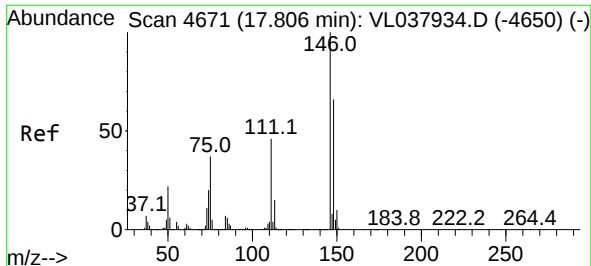


#76
1,4-Dichlorobenzene
Concen: 9.755 ppbv
RT: 17.130 min Scan# 4461
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



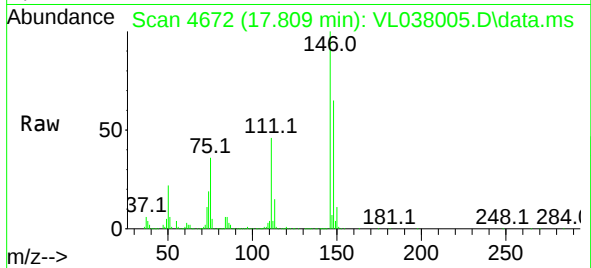
Tgt Ion:146 Resp: 2447465
Ion Ratio Lower Upper
146 100
111 44.7 22.7 68.1
148 67.1 33.5 100.4





#77
1,2-Dichlorobenzene
Concen: 10.251 ppbv
RT: 17.809 min Scan# 4671
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

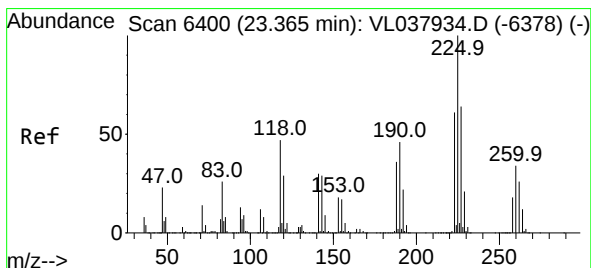
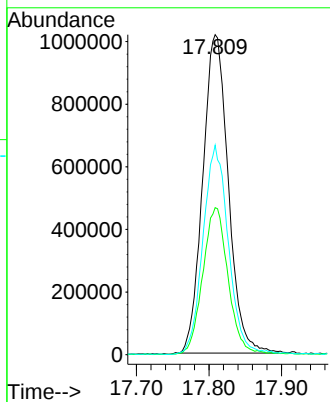
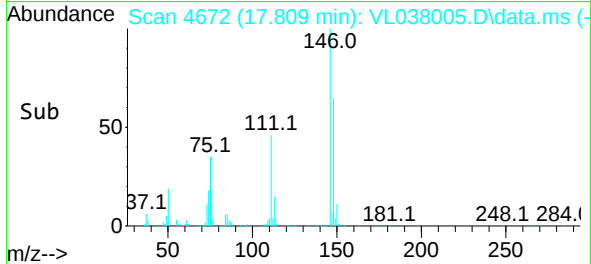
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 2495800
Ion Ratio Lower Upper
146 100
111 45.9 23.4 70.2
148 65.4 32.6 97.7

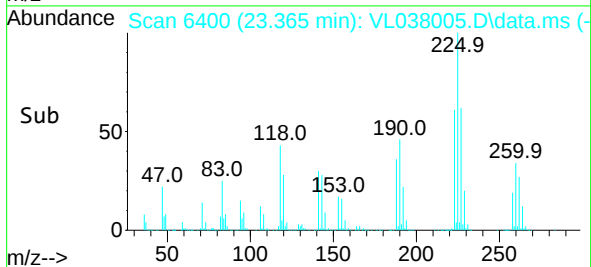
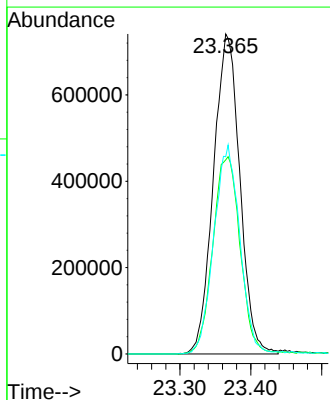
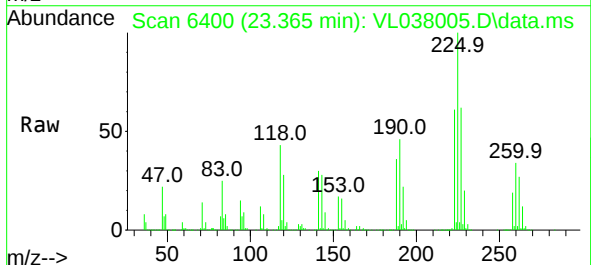
Manual Integrations
APPROVED

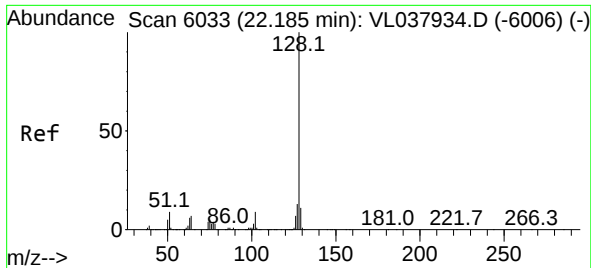
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#78
Hexachloro-1,3-Butadiene
Concen: 9.204 ppbv
RT: 23.365 min Scan# 6400
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

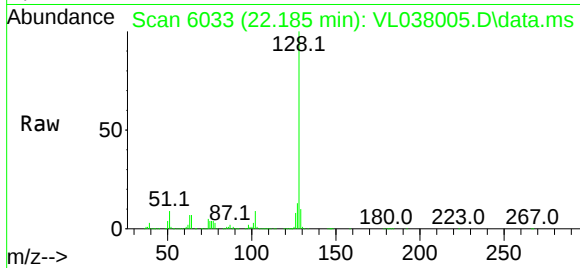
Tgt Ion:225 Resp: 1917933
Ion Ratio Lower Upper
225 100
223 63.7 50.0 75.0
227 64.9 51.5 77.3





#79
Naphthalene
Concen: 12.186 ppbv
RT: 22.185 min Scan# 6033
Delta R.T. -0.000 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56

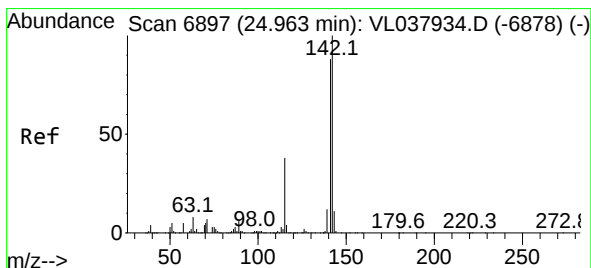
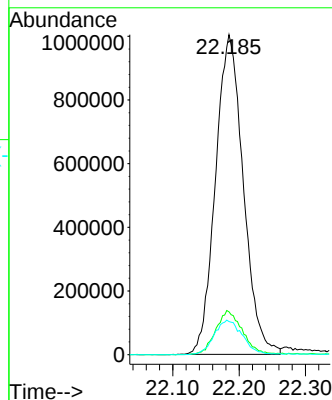
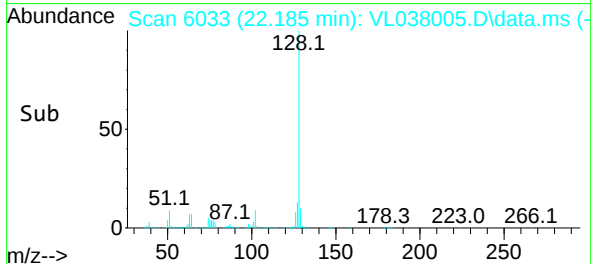
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



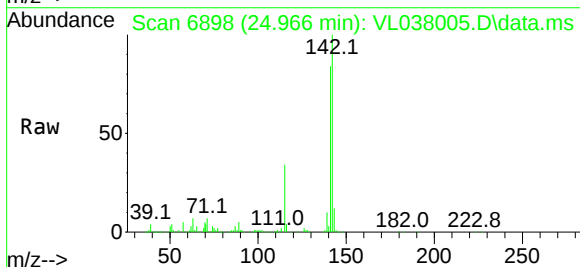
Tgt Ion:128 Resp: 292374
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 10.3 9.0 13.4

Manual Integrations
APPROVED

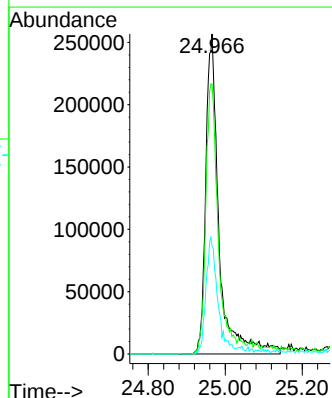
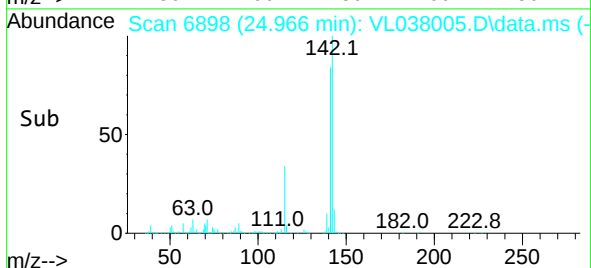
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

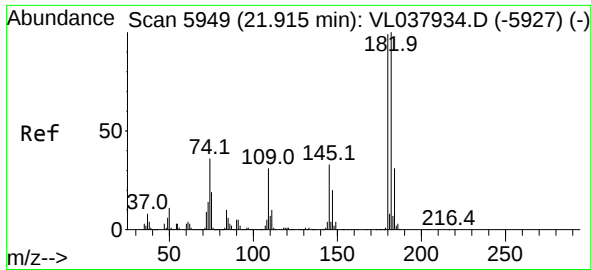


#80
Naphthalene,2-methyl-
Concen: 13.095 ppbv
RT: 24.966 min Scan# 6898
Delta R.T. 0.003 min
Lab File: VL038005.D
Acq: 10 Nov 2021 7:56



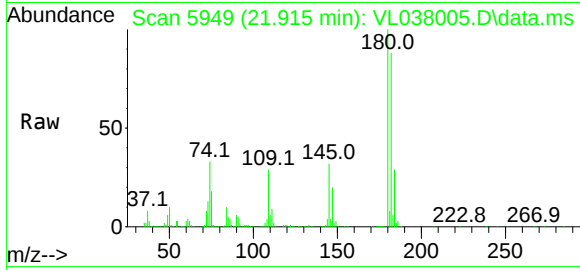
Tgt Ion:142 Resp: 611630
Ion Ratio Lower Upper
142 100
141 85.7 66.4 99.6
115 34.2 29.0 43.4





#81
 1,2,4-Trichlorobenzene
 Concen: 11.668 ppbv
 RT: 21.915 min Scan# 5949
 Delta R.T. -0.000 min
 Lab File: VL038005.D
 Acq: 10 Nov 2021 7:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 182213

Ion	Ratio	Lower	Upper
180	100		
182	97.7	79.3	118.9
184	30.9	25.3	37.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

