

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
 Data File : VL040050.D
 Acq On : 20 Dec 2022 9:51
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/21/2022
 Supervised By : Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 03:49:56 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

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

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.160	49	919549	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.626	114	2714742	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2619173	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.748 95 1935447 9.674 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.703	85	1348494	7.834	ppbv	96
3) Chlorodifluoromethane	2.648	51	1168826	8.615	ppbv	100
4) Chloromethane	2.787	50	748843	8.809	ppbv	100
5) Vinyl Chloride	2.893	62	642226	9.337	ppbv	99
6) Bromomethane	3.089	94	225887	8.938	ppbv	98
7) Chloroethane	3.169	64	234523	9.037	ppbv	95
8) Dichlorotetrafluoroethane	2.829	85	1562079	8.626	ppbv	99
9) Propene	2.668	41	521510	9.058	ppbv	99
10) Heptane	7.549	43	1274210	9.067	ppbv	99
11) Trichlorofluoromethane	3.533	101	1657532	8.862	ppbv	98
12) 1,1,2-Trichlorotrifluoro...	4.037	101	1247076	8.804	ppbv	98
13) Ethanol	3.218	45	41168m	7.597	ppbv	
14) Bromoethene	3.337	108	499199	9.358	ppbv	97
15) Acetone	3.439	43	1147943	8.070	ppbv	100
16) 1,3-Butadiene	2.957	39	593571	9.600	ppbv	98
17) tert-Butyl alcohol	3.848	59	1213811	8.655	ppbv	100
18) 1,1-Dichloroethene	3.851	96	554749	8.997	ppbv	98
19) Isopropyl Alcohol	3.546	45	621981	8.872	ppbv	99
20) Methylene Chloride	3.902	84	464585	7.684	ppbv	99
21) Allyl Chloride	3.967	41	792189	9.268	ppbv	99
22) trans-1,2-Dichloroethene	4.414	96	581650	9.465	ppbv	99
23) Vinyl Acetate	4.597	43	435115	9.648	ppbv	98
24) 1,1-Dichloroethane	4.533	63	1140656	8.613	ppbv	100
25) Ethyl Acetate	5.172	43	2156425	8.753	ppbv	100
26) Hexane	5.182	57	931383	8.995	ppbv	98
27) Carbon Disulfide	4.095	76	1380784	10.572	ppbv	98
28) Methyl tert-Butyl Ether	4.555	73	1082263	8.869	ppbv	100
29) Chloroform	5.243	83	1359123	8.602	ppbv	96
30) Cyclohexane	6.571	84	865779	9.442	ppbv	97
31) cis-1,2-Dichloroethene	5.047	61	897592	9.103	ppbv	99
32) 1,1,1-Trichloroethane	5.973	97	1634240	9.661	ppbv	99
34) 2-Butanone	4.754	43	1288483	8.749	ppbv	99
35) Carbon Tetrachloride	6.462	117	1680057	9.964	ppbv	99
36) Benzene	6.340	78	2179428	8.989	ppbv	98
37) 1,2-Dichloroethane	5.777	62	1269913	8.928	ppbv	99
38) Trichloroethene	7.259	130	1263449	10.140	ppbv	95
39) 1,2-Dichloropropane	7.044	63	814633	8.964	ppbv	97
40) 1,4-Dioxane	7.256	88	349184	8.525	ppbv	91
41) Tetrahydrofuran	5.526	42	788555	8.578	ppbv	98
42) Bromodichloromethane	7.221	83	1799491	9.235	ppbv	97
43) Methyl Methacrylate	7.446	69	861360	9.466	ppbv	99
44) 2,2,4-Trimethylpentane	7.298	57	3531358	8.847	ppbv	100
45) t-1,3-Dichloropropene	8.680	75	806310	10.484	ppbv	100

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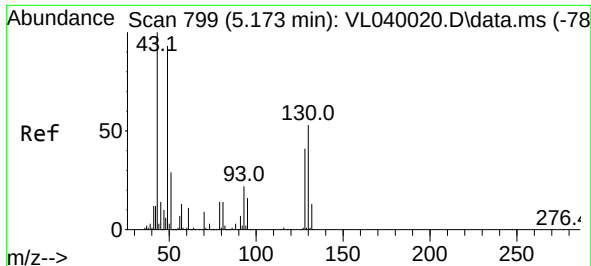
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

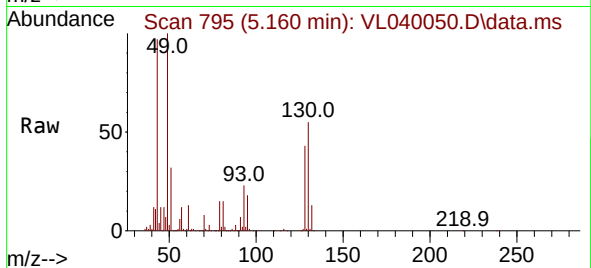
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.114	75	1104274	10.181	ppbv	98
47) 1,1,2-Trichloroethane	8.870	97	870856	8.750	ppbv	98
48) Dibromochloromethane	9.680	129	1447963	9.567	ppbv	100
49) Bromoform	12.381	173	1075379	9.314	ppbv	100
50) 4-Methyl-2-Pentanone	8.153	43	2146680	8.922	ppbv	99
51) 2-Hexanone	9.523	43	1676351	8.957	ppbv	99
52) Tetrachloroethene	10.590	164	733845	8.902	ppbv	96
53) Toluene	9.192	91	2464578	9.181	ppbv	99
54) 1,2-Dibromoethane	9.979	107	997540	9.308	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.481	131	1024312	8.478	ppbv	98
57) Chlorobenzene	11.500	112	1838205	8.268	ppbv	95
58) Ethyl Benzene	12.063	91	3234775	8.692	ppbv	97
59) m/p-Xylene	12.346	91	5437291m	16.772	ppbv	
60) o-Xylene	13.031	91	2571040	8.278	ppbv	100
61) Styrene	12.870	104	1518889	9.118	ppbv	99
62) Isopropylbenzene	14.002	105	3605906	8.053	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.024	83	818870	7.191	ppbv	99
64) n-propylbenzene	14.892	120	922799	8.159	ppbv	99
65) tert-Butylbenzene	16.063	119	3058425	7.860	ppbv	99
66) Benzyl Chloride	16.304	91	196613m	8.665	ppbv	
67) sec-Butylbenzene	16.609	105	4294538	7.875	ppbv	100
69) p-Isopropyltoluene	16.969	119	3489944	8.012	ppbv	99
70) n-Butylbenzene	17.860	91	3639800	7.975	ppbv	99
71) 2-Chlorotoluene	14.773	91	2708808	7.929	ppbv	99
72) 4-Ethyltoluene	15.169	105	2843984	8.247	ppbv	100
73) 1,3,5-Trimethylbenzene	15.326	105	2535919	8.154	ppbv	98
74) 1,2,4-Trimethylbenzene	16.085	105	2711675	7.910	ppbv	92
75) 1,3-Dichlorobenzene	16.304	146	1509993	8.050	ppbv	100
76) 1,4-Dichlorobenzene	16.449	146	1472009	8.038	ppbv	99
77) 1,2-Dichlorobenzene	17.114	146	1443769	8.025	ppbv	99
78) Hexachloro-1,3-Butadiene	22.603	225	1033960m	8.285	ppbv	
79) Naphthalene	21.355	128	2204437	10.791	ppbv	100
80) Naphthalene,2-methyl-	24.352	142	488989	7.824	ppbv	96
81) 1,2,4-Trichlorobenzene	21.114	180	1114361	9.184	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.160 min Scan# 79
Delta R.T. -0.013 min
Lab File: VL040050.D
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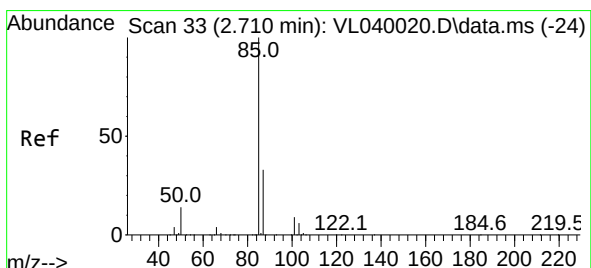
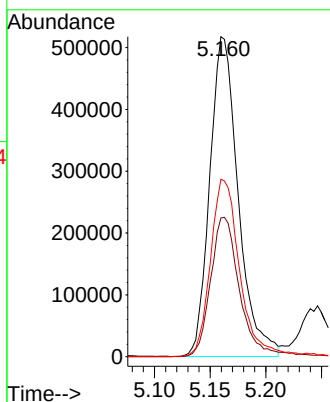
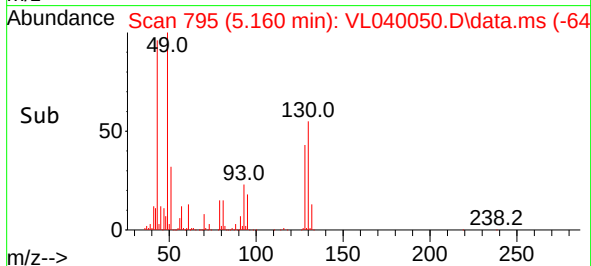
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 919549
Ion Ratio Lower Upper
49 100
128 45.4 22.4 67.3
130 58.1 28.9 86.8

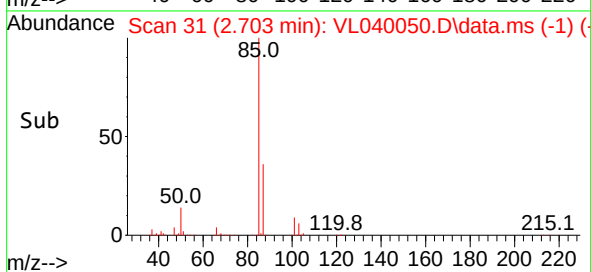
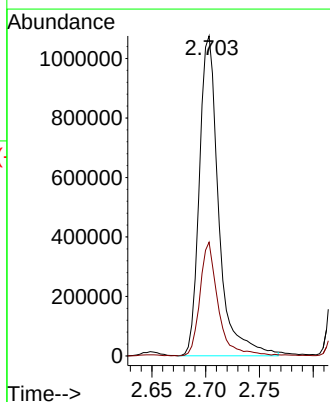
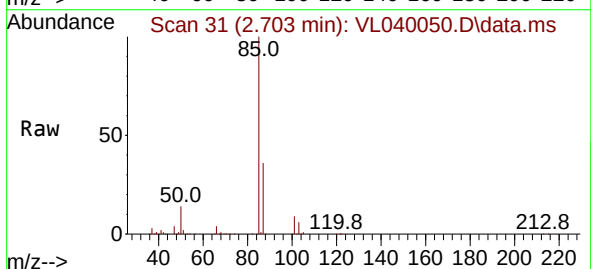
Manual Integrations
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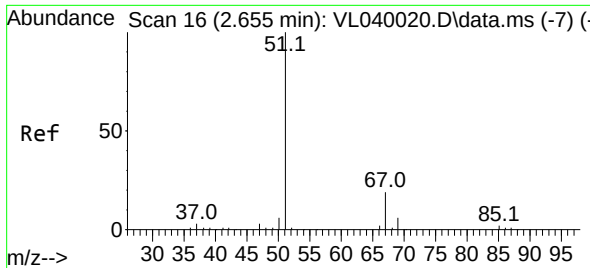
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#2
Dichlorodifluoromethane
Concen: 7.834 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 85 Resp: 1348494
Ion Ratio Lower Upper
85 100
87 35.5 26.6 40.0





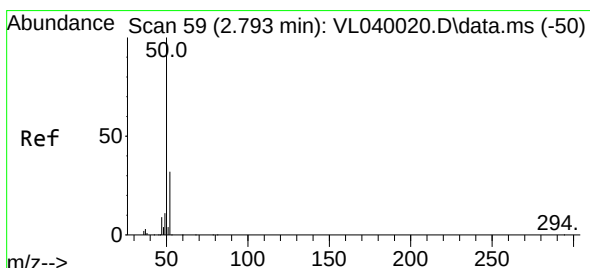
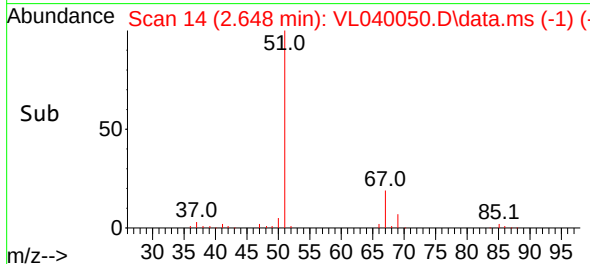
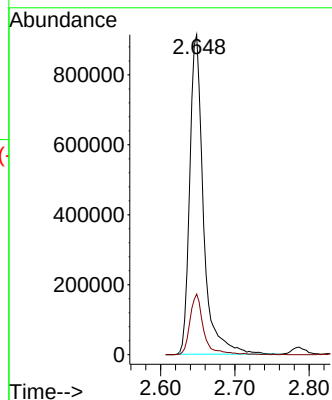
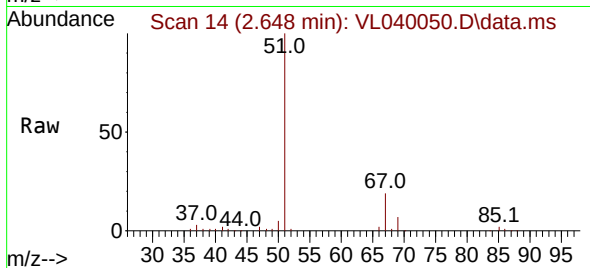
#3
Chlorodifluoromethane
Concen: 8.615 ppbv
RT: 2.648 min Scan# 14
Delta R.T. -0.006 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1168820
Ion Ratio Lower Upper
51 100
67 19.0 15.3 22.9

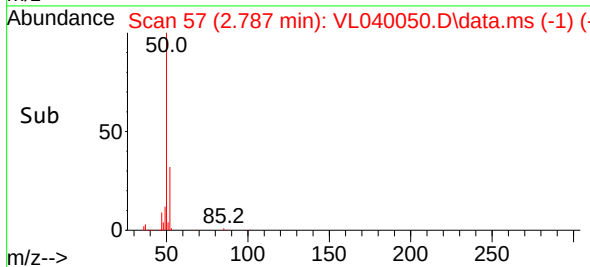
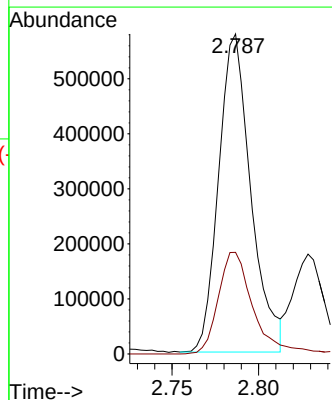
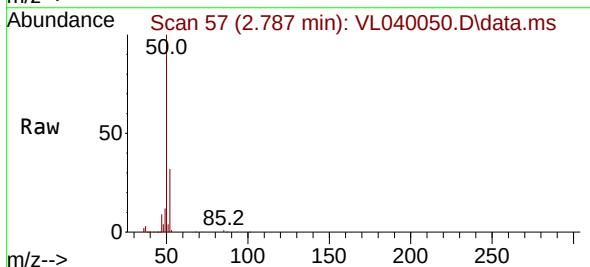
Manual Integrations
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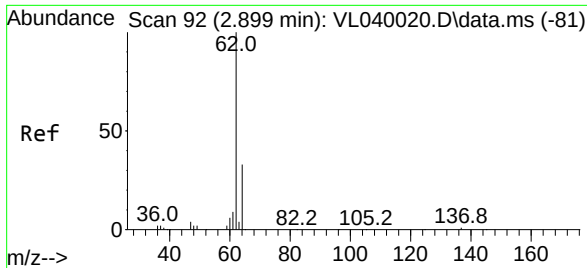
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#4
Chloromethane
Concen: 8.809 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.006 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

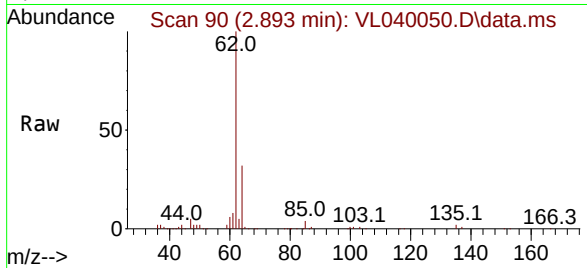
Tgt Ion: 50 Resp: 748843
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3





#5
 Vinyl Chloride
 Concen: 9.337 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

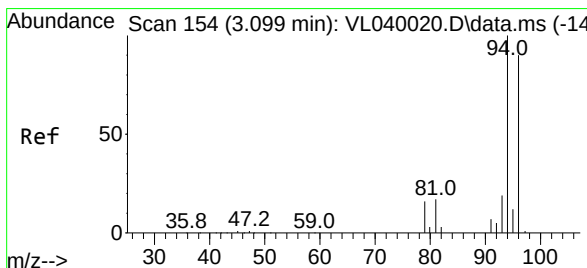
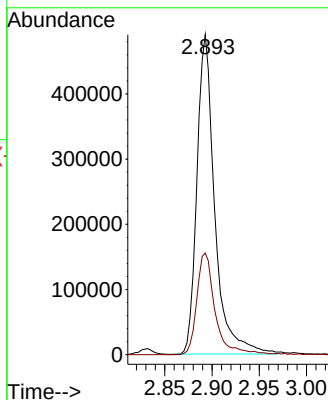
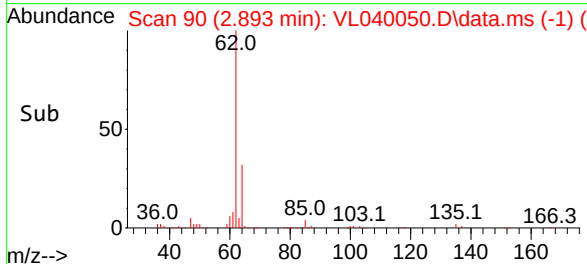
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



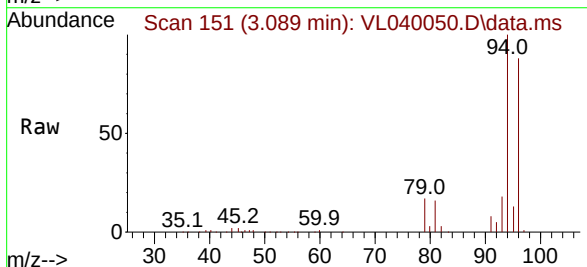
Tgt Ion: 62 Resp: 642220
 Ion Ratio Lower Upper
 62 100
 64 31.8 26.1 39.1

Manual Integrations
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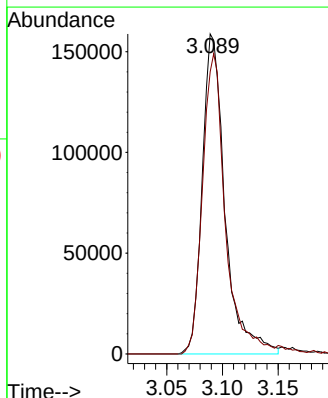
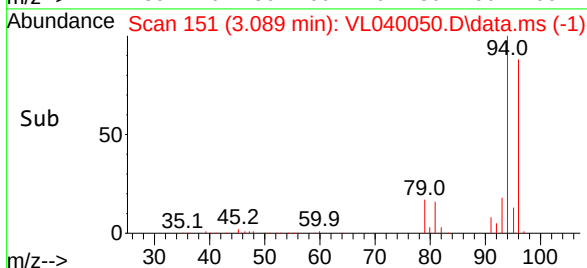
Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

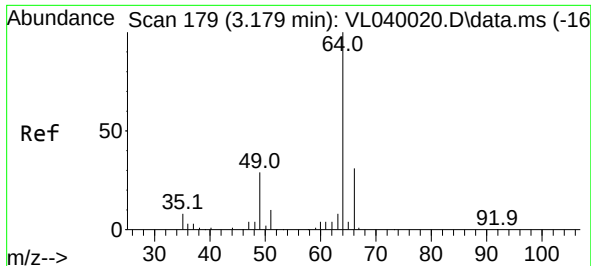


#6
 Bromomethane
 Concen: 8.938 ppbv
 RT: 3.089 min Scan# 151
 Delta R.T. -0.010 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51



Tgt Ion: 94 Resp: 225887
 Ion Ratio Lower Upper
 94 100
 96 88.2 72.0 108.0





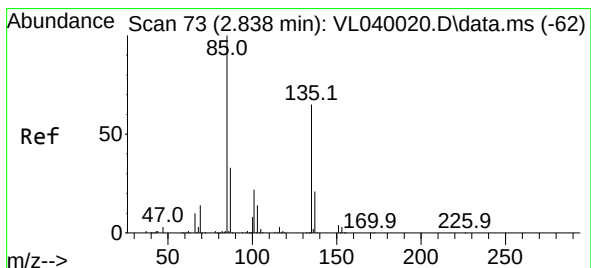
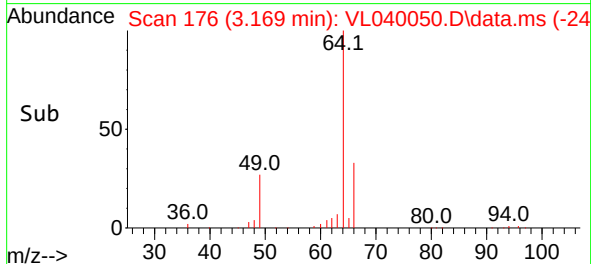
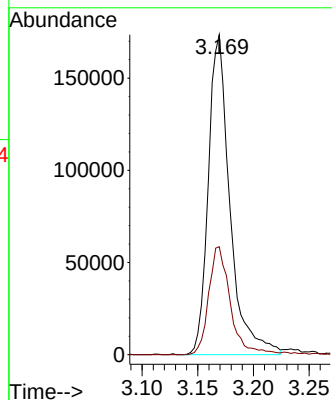
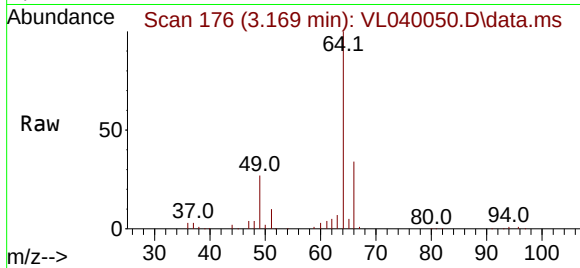
#7
Chloroethane
Concen: 9.037 ppbv
RT: 3.169 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 23452
Ion Ratio Lower Upper
64 100
66 33.8 24.6 37.0

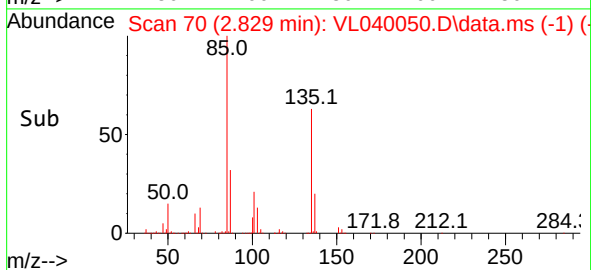
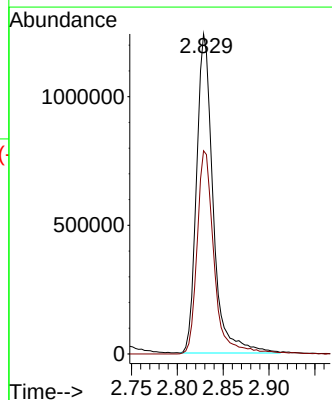
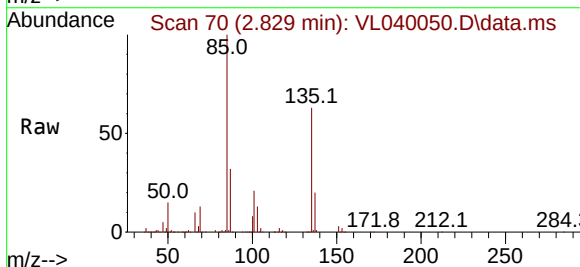
Manual Integrations
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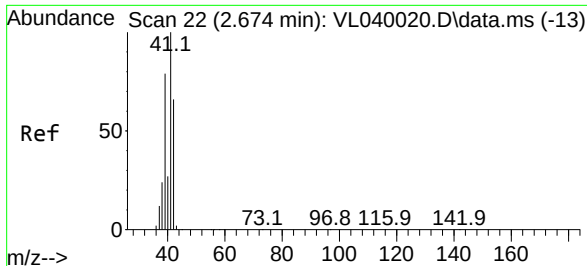
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#8
Dichlorotetrafluoroethane
Concen: 8.626 ppbv
RT: 2.829 min Scan# 70
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

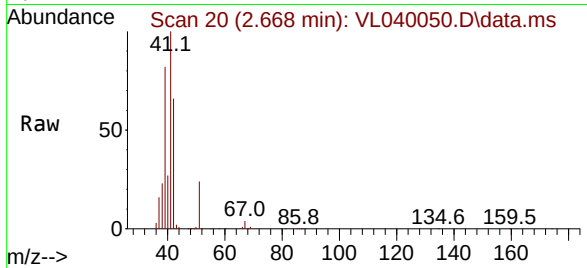
Tgt Ion: 85 Resp: 1562079
Ion Ratio Lower Upper
85 100
135 65.7 53.2 79.8





#9
 Propene
 Concen: 9.058 ppbv
 RT: 2.668 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

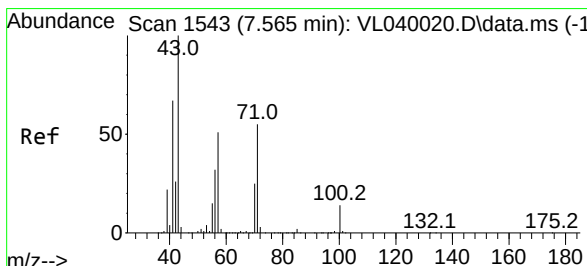
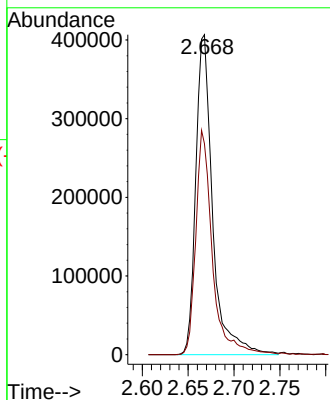
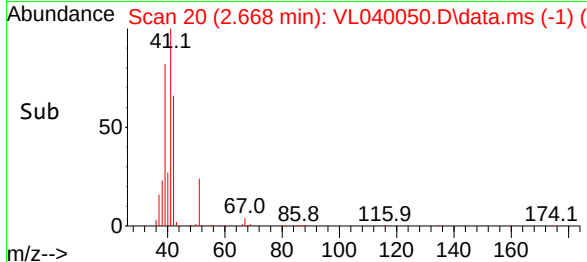
Instrument :
 MSVOA_L
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 VSTDCCC010



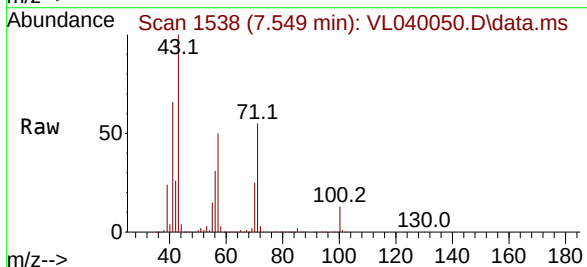
Tgt Ion: 41 Resp: 521510
 Ion Ratio Lower Upper
 41 100
 42 69.2 54.8 82.2

Manual Integrations
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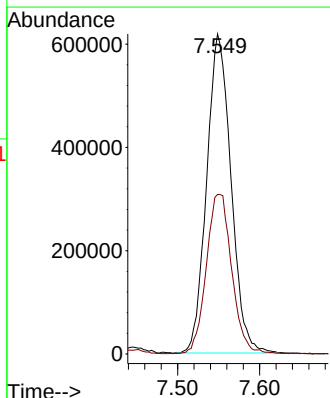
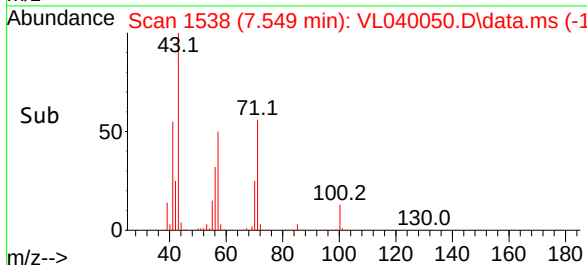
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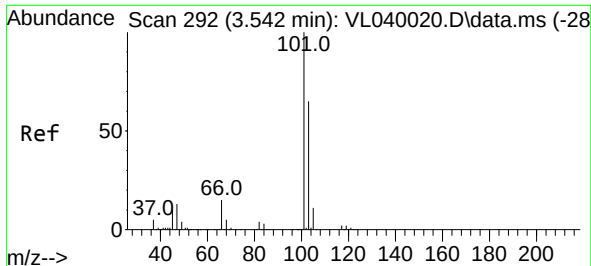


#10
 Heptane
 Concen: 9.067 ppbv
 RT: 7.549 min Scan# 1538
 Delta R.T. -0.016 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51



Tgt Ion: 43 Resp: 1274210
 Ion Ratio Lower Upper
 43 100
 57 52.0 41.2 61.8





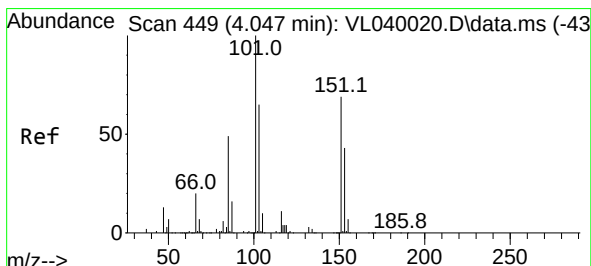
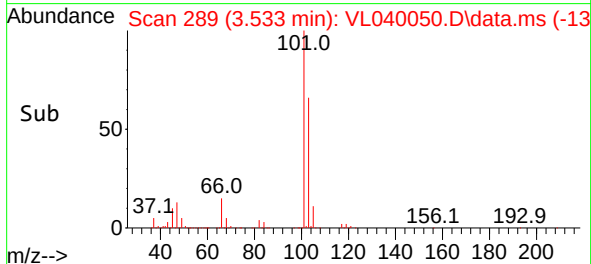
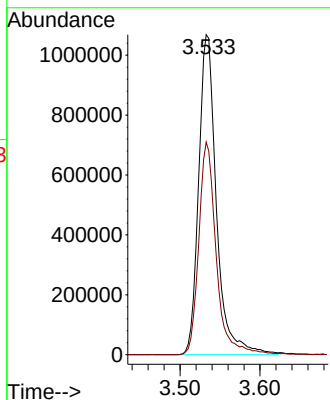
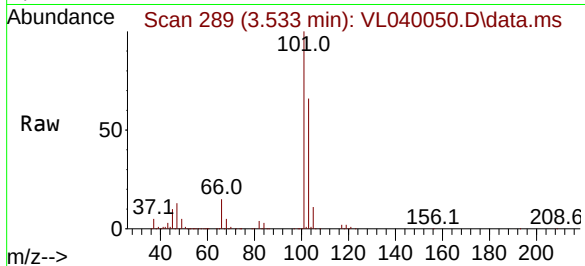
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 Trichlorofluoromethane
 Concen: 8.862 ppbv
 RT: 3.533 min Scan# 292
 Delta R.T. -0.010 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 165753
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.7 77.5

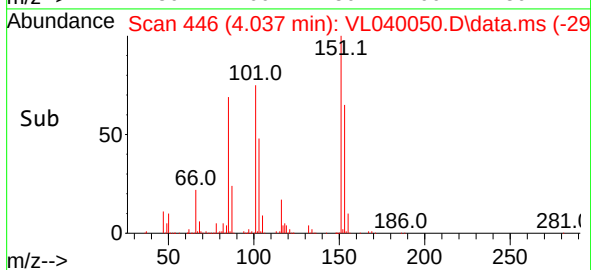
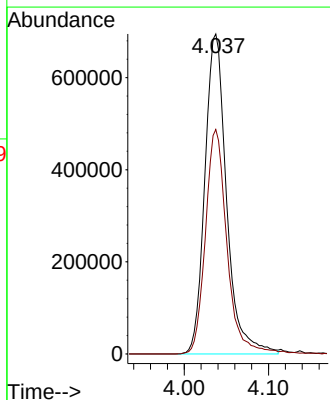
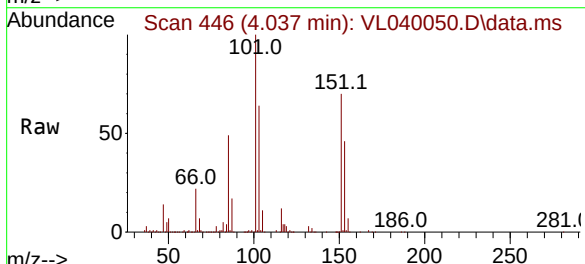
Manual Integrations
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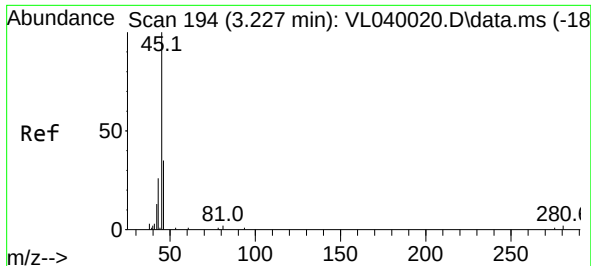
Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.804 ppbv
 RT: 4.037 min Scan# 446
 Delta R.T. -0.010 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

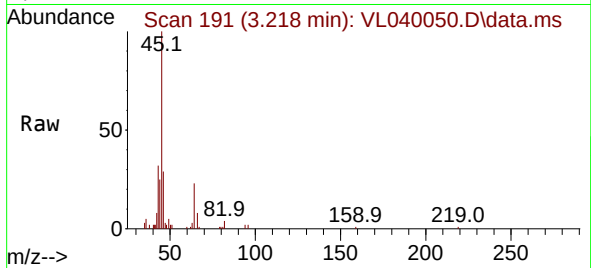
Tgt Ion:101 Resp: 1247076
 Ion Ratio Lower Upper
 101 100
 151 70.0 55.0 82.4





#13
Ethanol
Concen: 7.597 ppbv m
RT: 3.218 min Scan# 194
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

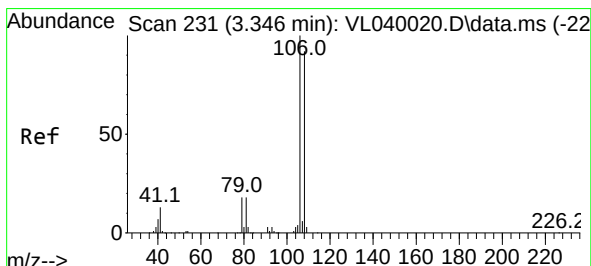
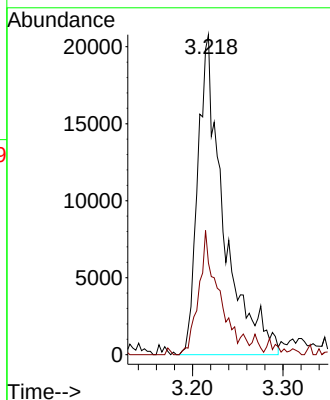
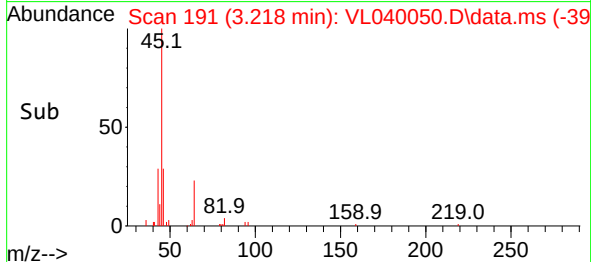
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



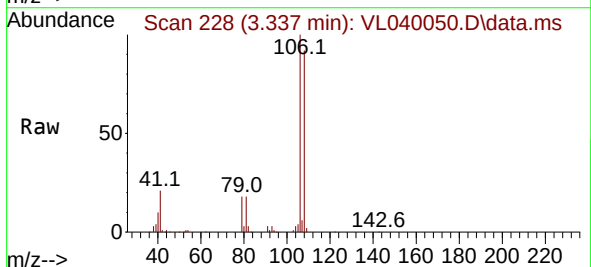
Tgt Ion: 45 Resp: 41168
Ion Ratio Lower Upper
45 100
46 34.7 13.7 54.7

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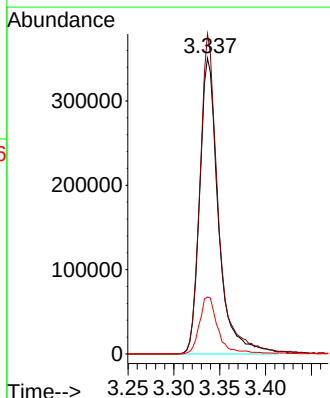
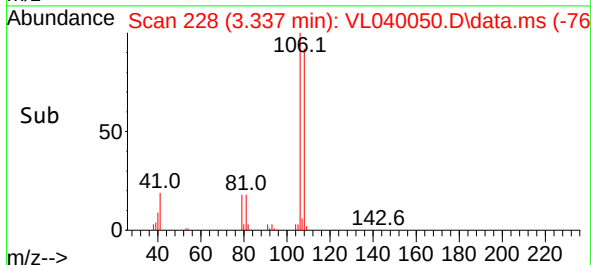
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

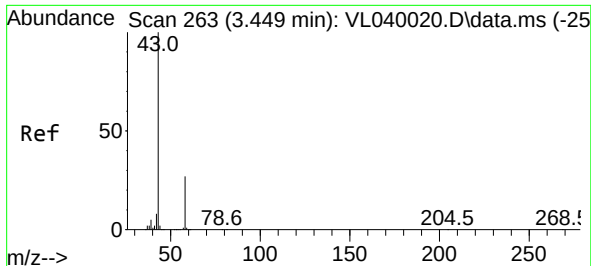


#14
Bromoethene
Concen: 9.358 ppbv
RT: 3.337 min Scan# 228
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51



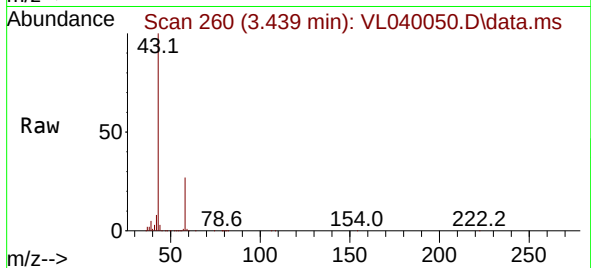
Tgt Ion:108 Resp: 499199
Ion Ratio Lower Upper
108 100
106 106.4 87.5 131.3
79 19.5 15.8 23.8





#15
Acetone
Concen: 8.070 ppbv
RT: 3.439 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

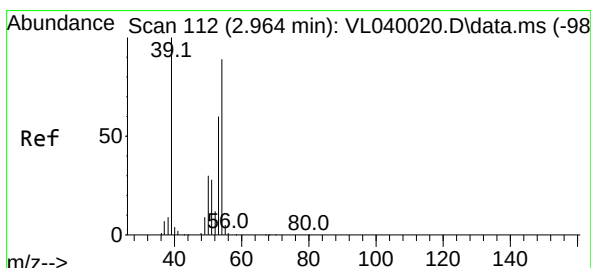
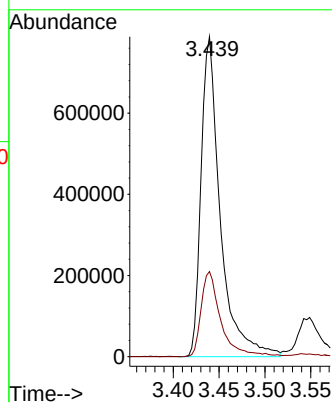
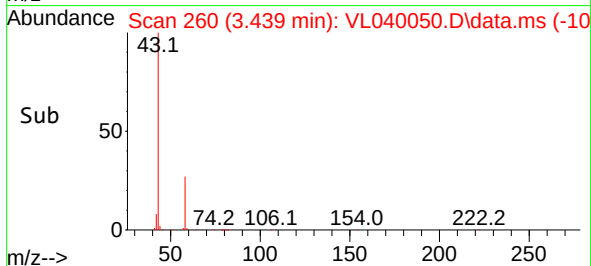
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 114794
Ion Ratio Lower Upper
43 100
58 27.4 21.8 32.8

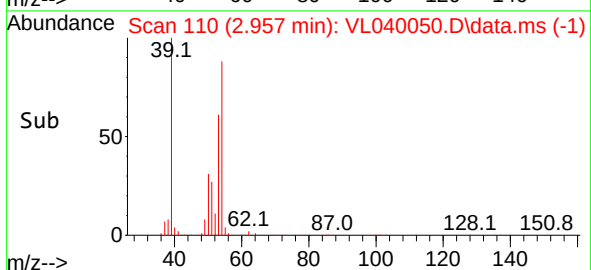
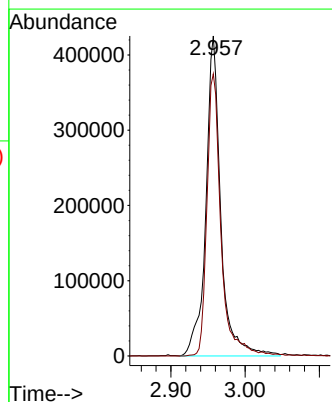
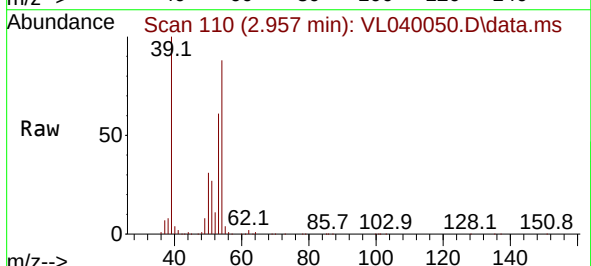
Manual Integrations
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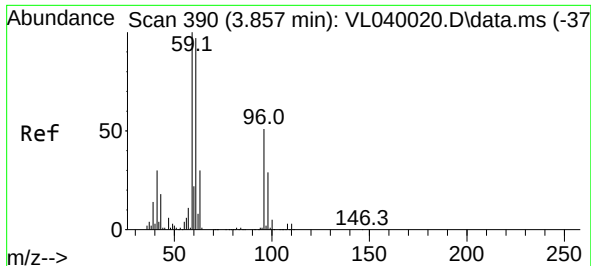
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#16
1,3-Butadiene
Concen: 9.600 ppbv
RT: 2.957 min Scan# 110
Delta R.T. -0.006 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 39 Resp: 593571
Ion Ratio Lower Upper
39 100
54 83.2 68.3 102.5





#17

tert-Butyl alcohol

Concen: 8.655 ppbv

RT: 3.848 min Scan# 387

Delta R.T. -0.010 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 121381

Ion Ratio Lower Upper

59 100

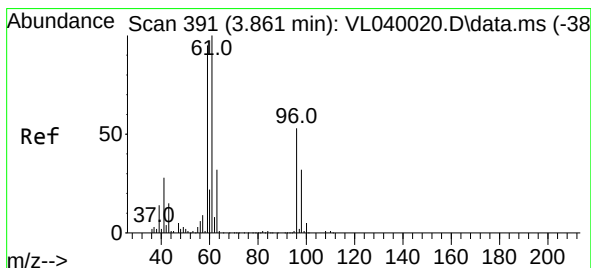
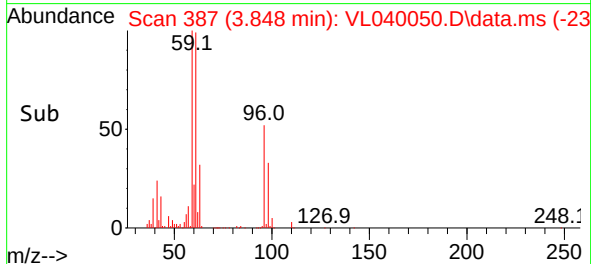
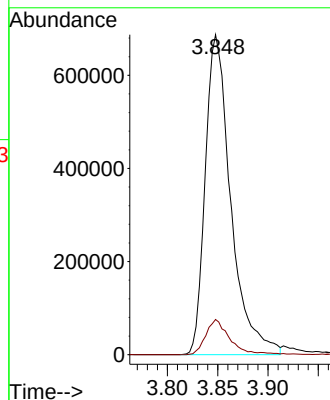
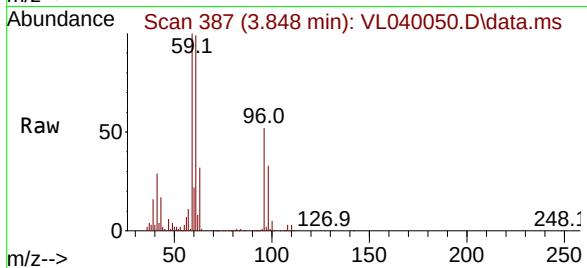
57 10.5 8.4 12.6

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Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#18

1,1-Dichloroethene

Concen: 8.997 ppbv

RT: 3.851 min Scan# 388

Delta R.T. -0.010 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

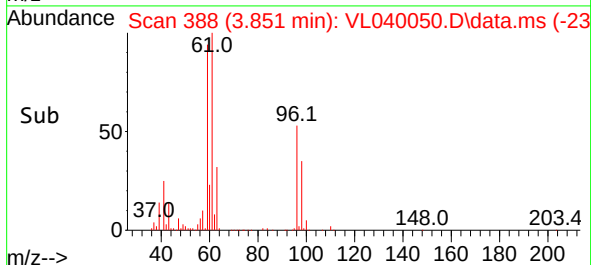
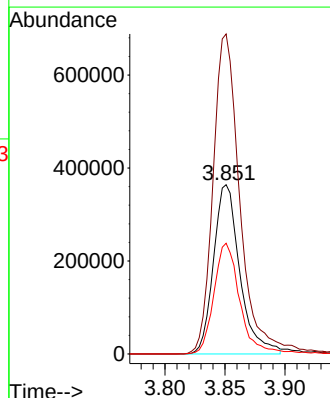
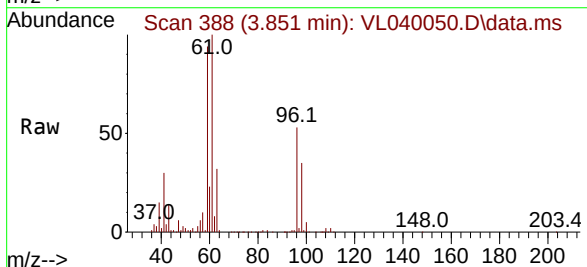
Tgt Ion: 96 Resp: 554749

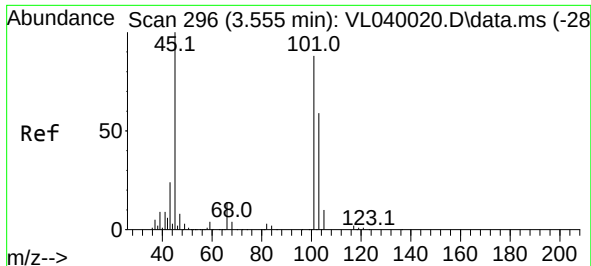
Ion Ratio Lower Upper

96 100

61 189.0 151.0 226.6

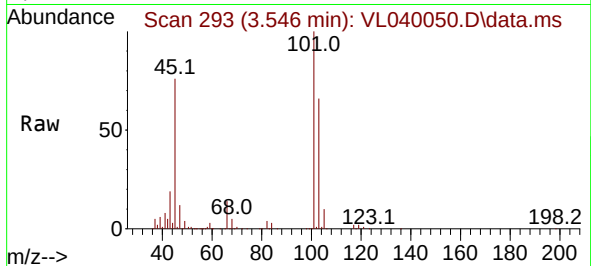
98 65.4 47.7 71.5





#19
Isopropyl Alcohol
Concen: 8.872 ppbv
RT: 3.546 min Scan# 296
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

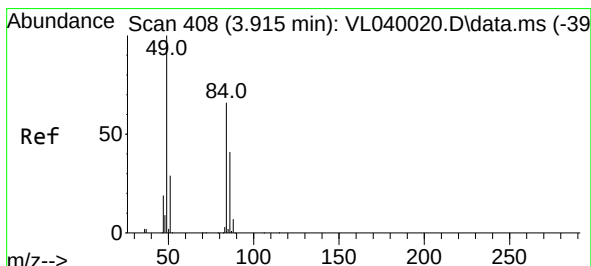
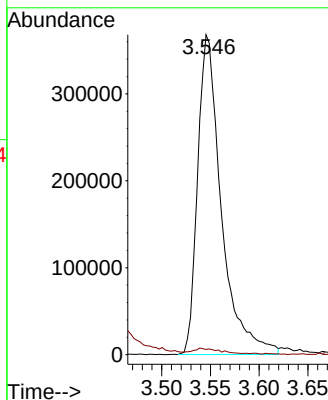
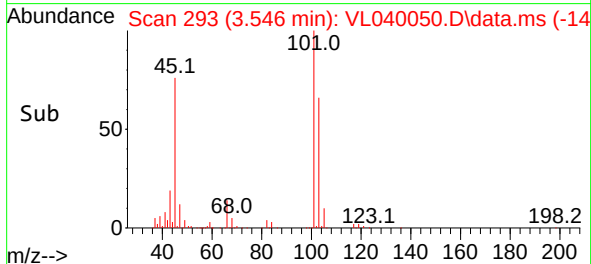
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



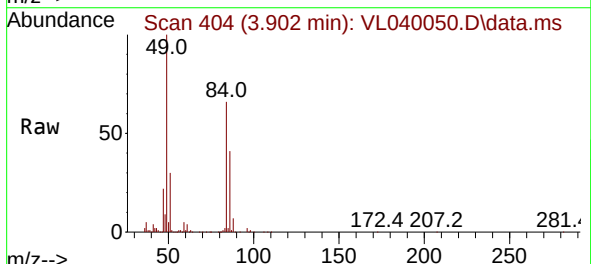
Tgt Ion: 45 Resp: 62198
Ion Ratio Lower Upper
45 100
58 2.5 1.7 2.5

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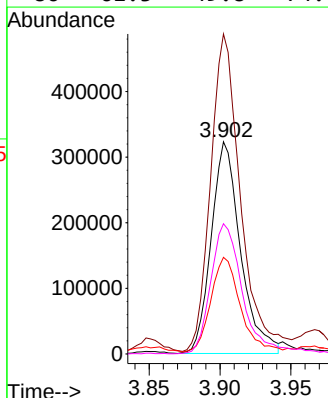
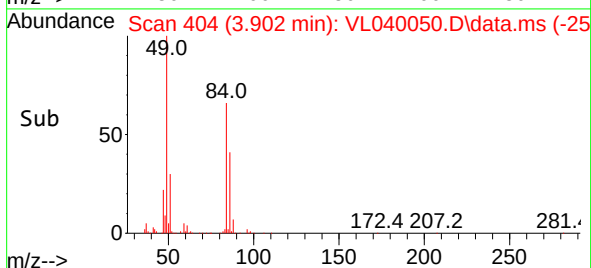
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

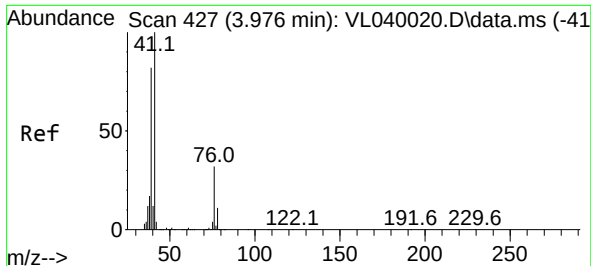


#20
Methylene Chloride
Concen: 7.684 ppbv
RT: 3.902 min Scan# 404
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51



Tgt Ion: 84 Resp: 464585
Ion Ratio Lower Upper
84 100
49 149.5 120.5 180.7
51 44.2 35.2 52.8
86 61.3 49.8 74.6





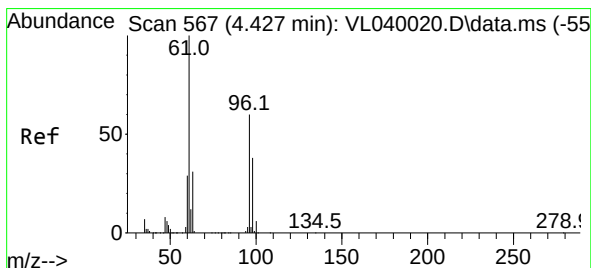
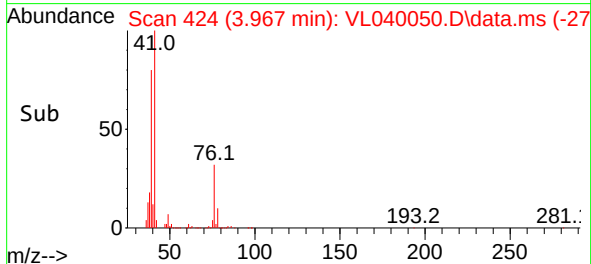
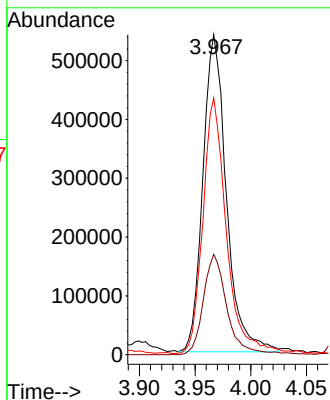
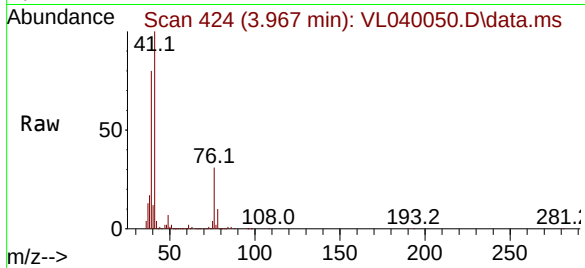
#21
 Allyl Chloride
 Concen: 9.268 ppbv
 RT: 3.967 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 792189
 Ion Ratio Lower Upper
 41 100
 76 32.0 25.9 38.9
 39 81.2 66.0 99.0

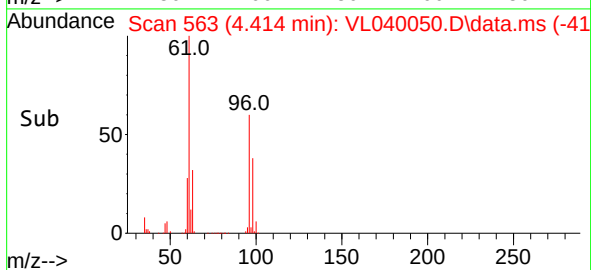
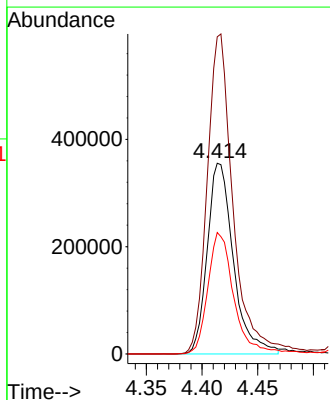
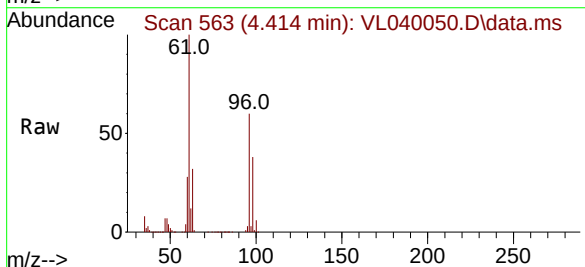
Manual Integrations
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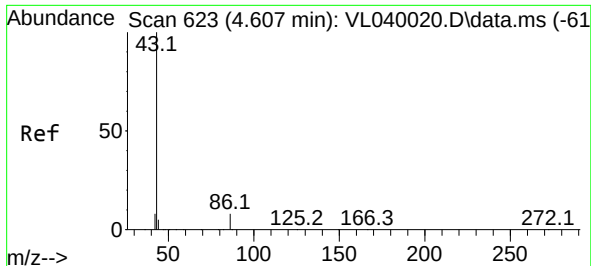
Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.465 ppbv
 RT: 4.414 min Scan# 563
 Delta R.T. -0.013 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Tgt Ion: 96 Resp: 581650
 Ion Ratio Lower Upper
 96 100
 61 166.2 133.6 200.4
 98 63.6 51.4 77.0





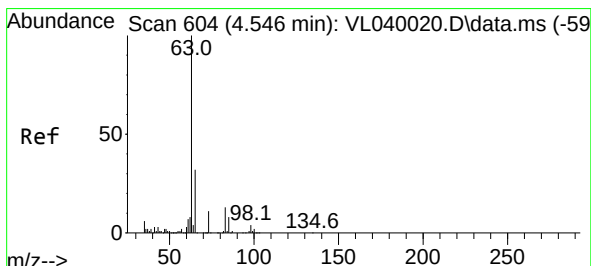
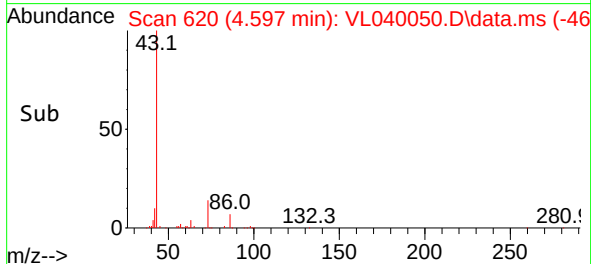
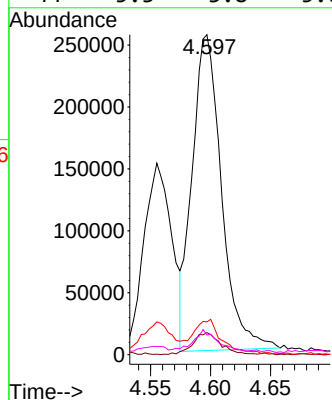
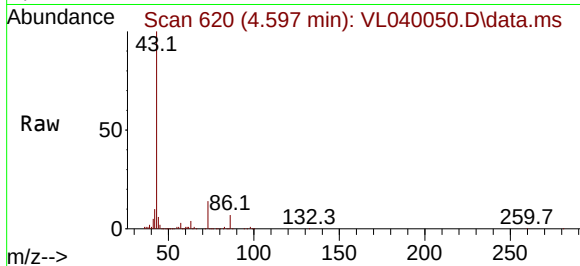
#23
 Vinyl Acetate
 Concen: 9.648 ppbv
 RT: 4.597 min Scan# 611
 Delta R.T. -0.010 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 435115
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.3 7.9
 42 10.1 7.4 11.0
 44 5.3 3.8 5.6

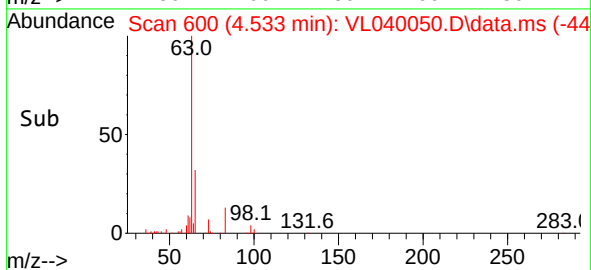
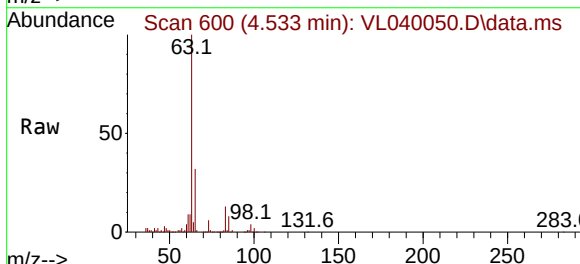
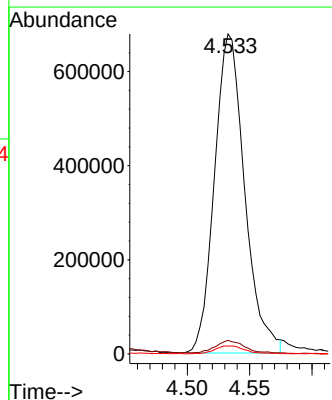
Manual Integrations
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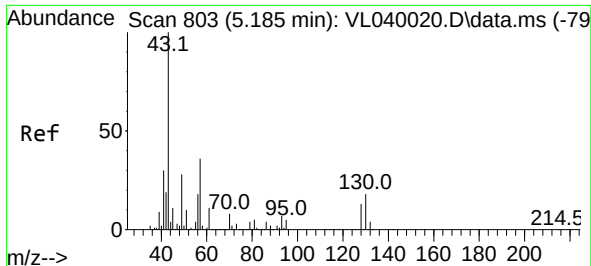
Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#24
 1,1-Dichloroethane
 Concen: 8.613 ppbv
 RT: 4.533 min Scan# 600
 Delta R.T. -0.013 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

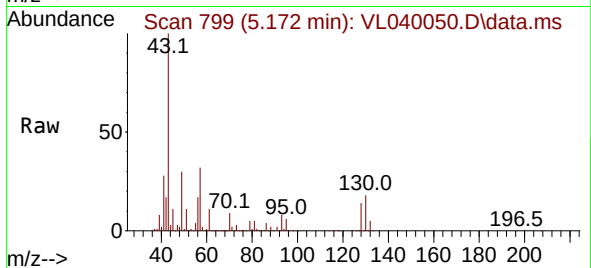
Tgt Ion: 63 Resp: 1140656
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.2
 100 2.4 1.1 3.3





#25
Ethyl Acetate
Concen: 8.753 ppbv
RT: 5.172 min Scan# 799
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

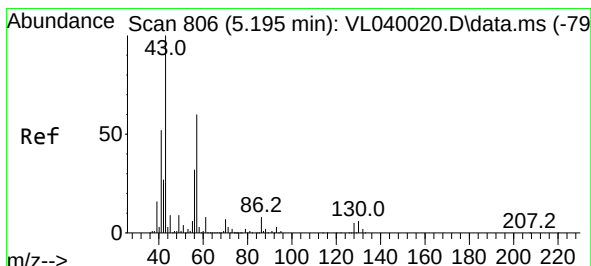
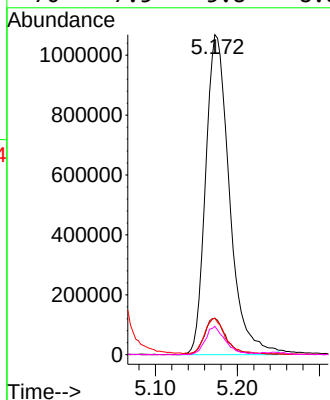
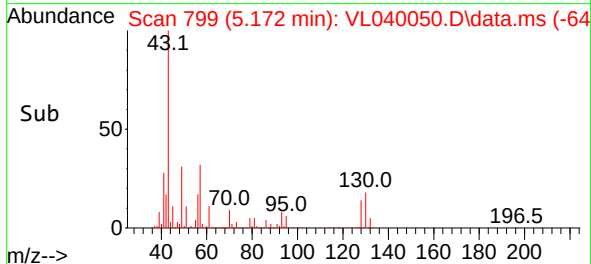


Tgt Ion: 43 Resp: 215642

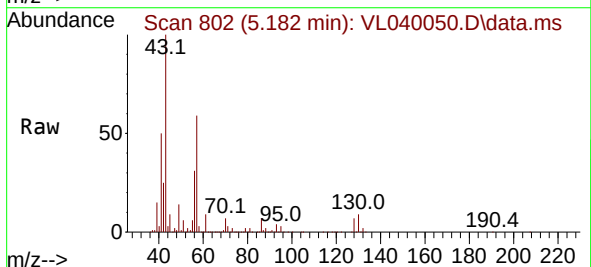
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.6	12.8
61	10.6	8.5	12.7
70	7.5	5.8	8.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

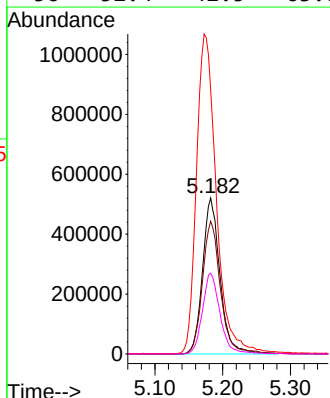
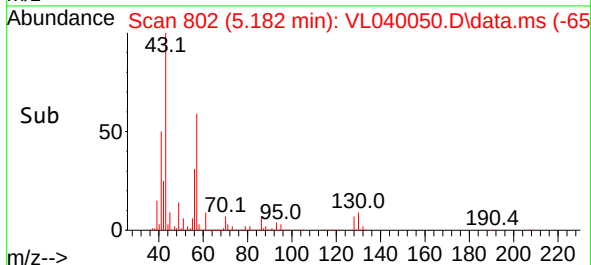


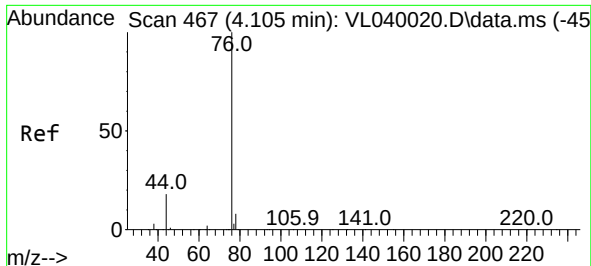
#26
Hexane
Concen: 8.995 ppbv
RT: 5.182 min Scan# 802
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51



Tgt Ion: 57 Resp: 931383

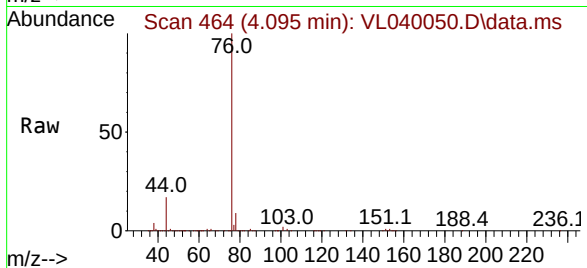
Ion	Ratio	Lower	Upper
57	100		
41	89.0	72.1	108.1
43	235.0	192.1	288.1
56	52.4	42.5	63.7





#27
Carbon Disulfide
Concen: 10.572 ppbv
RT: 4.095 min Scan# 407
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

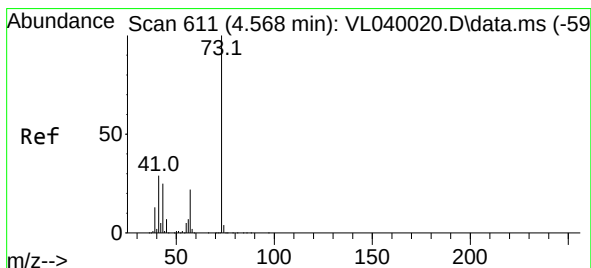
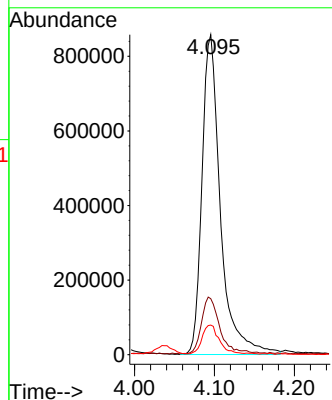
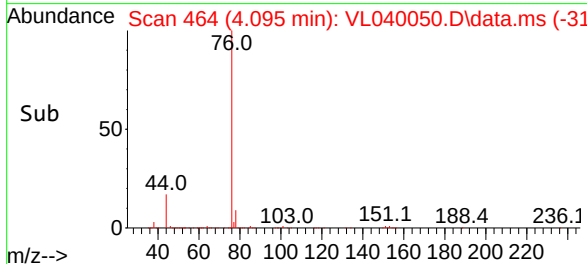
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1380784
Ion Ratio Lower Upper
76 100
44 17.8 15.3 22.9
78 9.3 7.8 11.6

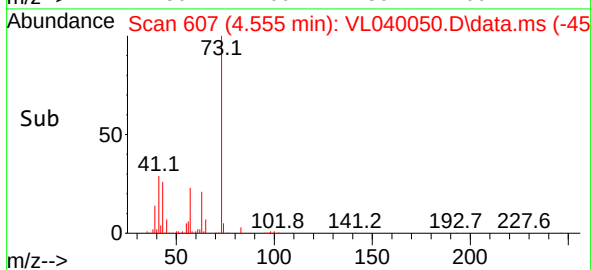
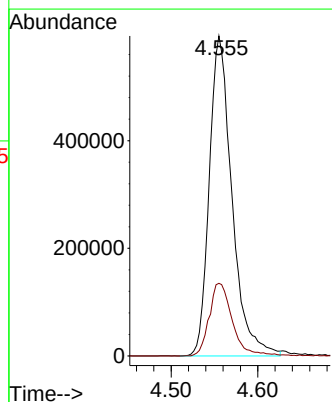
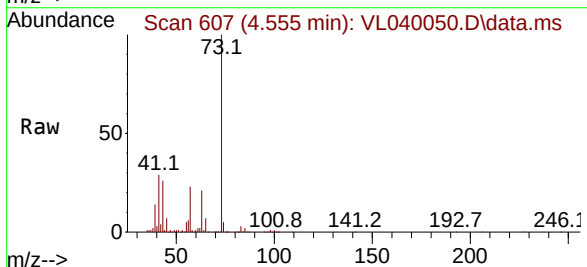
Manual Integrations
APPROVED

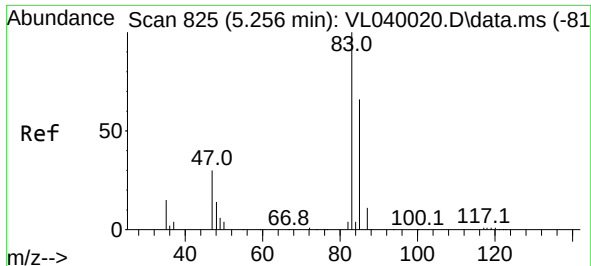
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#28
Methyl tert-Butyl Ether
Concen: 8.869 ppbv
RT: 4.555 min Scan# 607
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 73 Resp: 1082263
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0





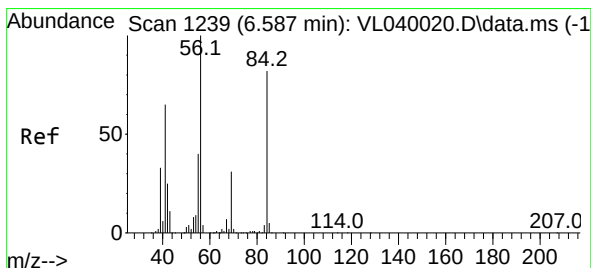
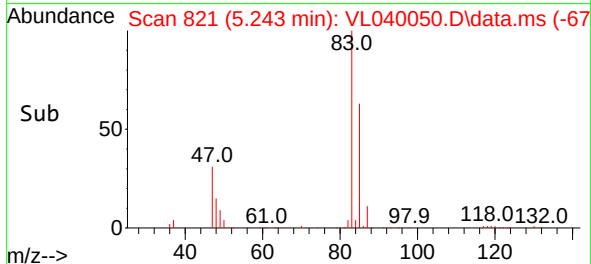
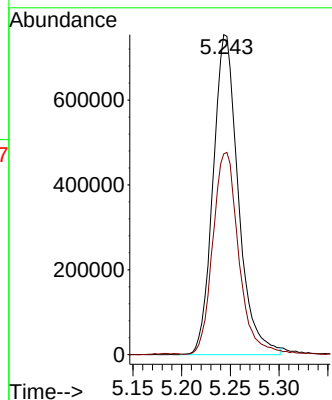
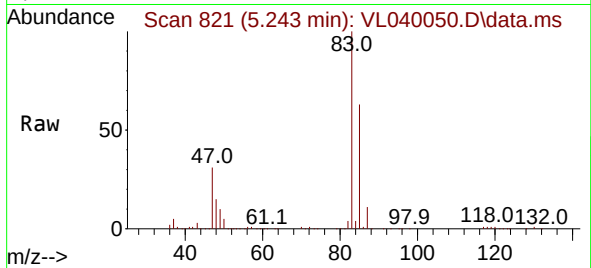
#29
Chloroform
Concen: 8.602 ppbv
RT: 5.243 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 135912
Ion Ratio Lower Upper
83 100
85 62.5 52.4 78.6

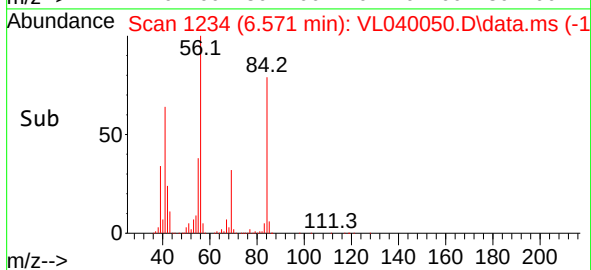
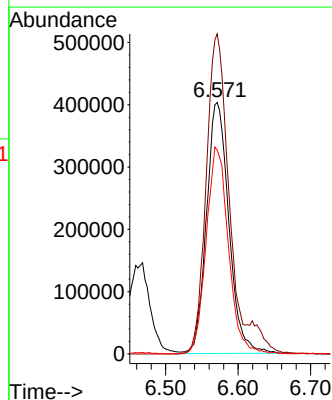
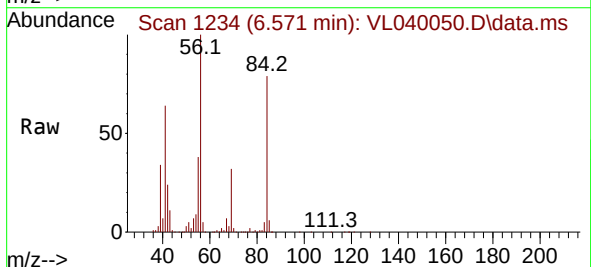
Manual Integrations
APPROVED

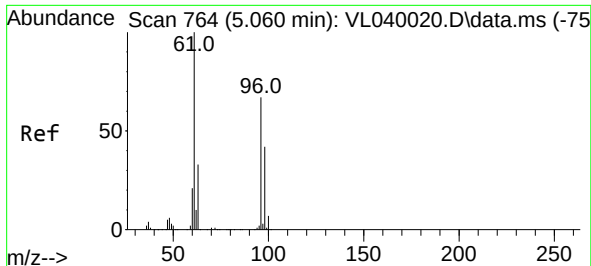
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#30
Cyclohexane
Concen: 9.442 ppbv
RT: 6.571 min Scan# 1234
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

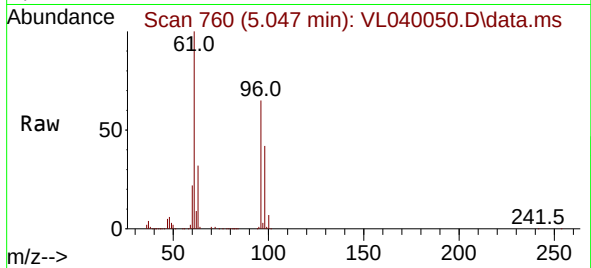
Tgt Ion: 84 Resp: 865779
Ion Ratio Lower Upper
84 100
56 134.4 110.2 165.4
41 81.3 67.8 101.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.103 ppbv
 RT: 5.047 min Scan# 70
 Delta R.T. -0.013 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

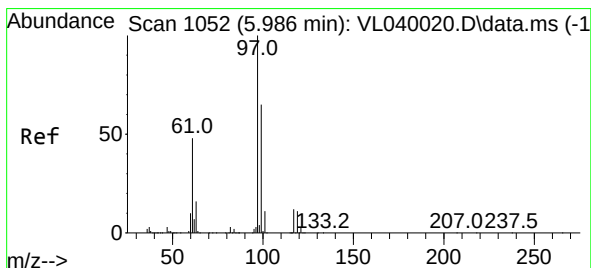
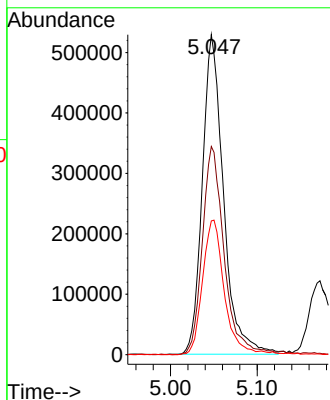
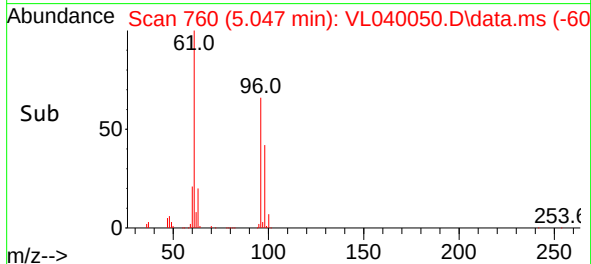
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 897592
 Ion Ratio Lower Upper
 61 100
 96 65.1 53.4 80.2
 98 41.9 33.4 50.0

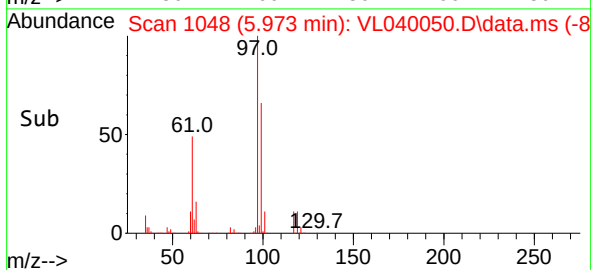
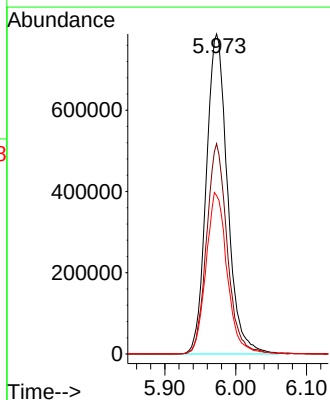
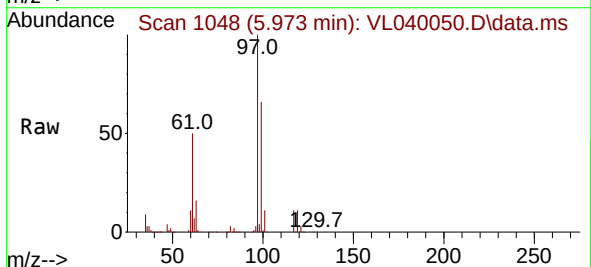
Manual Integrations
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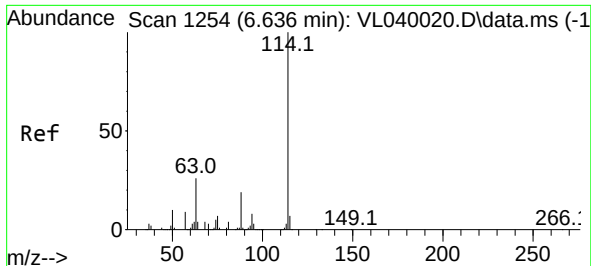
Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.661 ppbv
 RT: 5.973 min Scan# 1048
 Delta R.T. -0.013 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

Tgt Ion: 97 Resp: 1634240
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.8 77.6
 61 50.7 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 271474

Ion Ratio Lower Upper

114 100

63 25.1 20.2 30.2

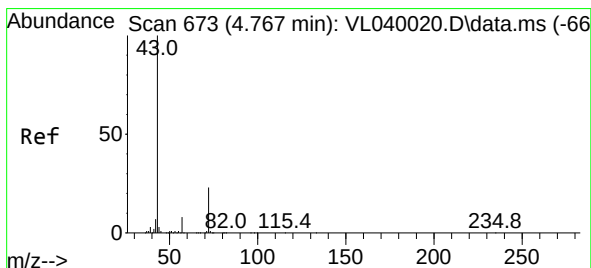
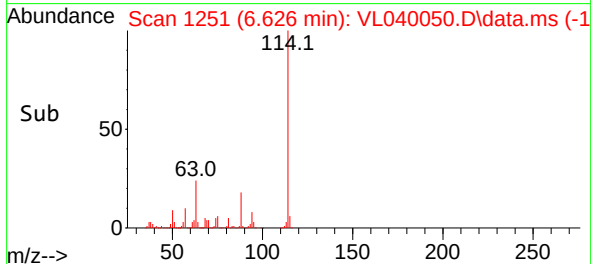
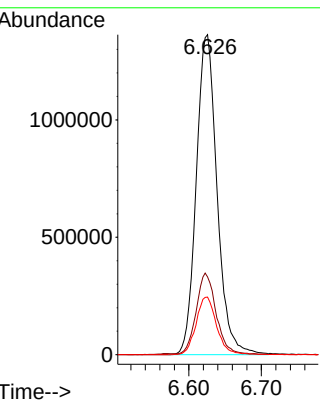
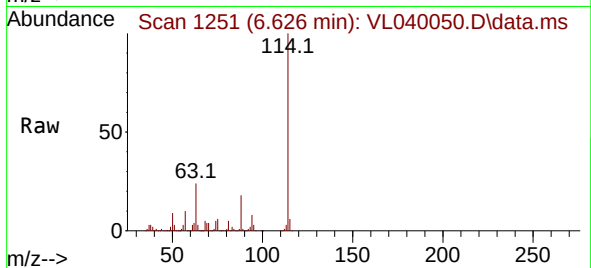
88 17.9 14.6 21.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#34

2-Butanone

Concen: 8.749 ppbv

RT: 4.754 min Scan# 669

Delta R.T. -0.013 min

Lab File: VL040050.D

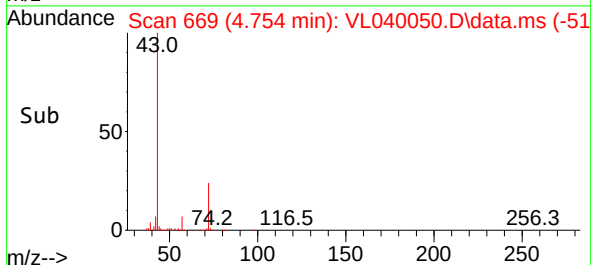
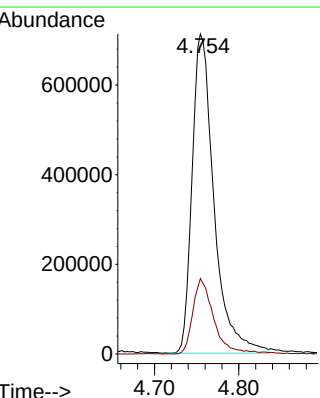
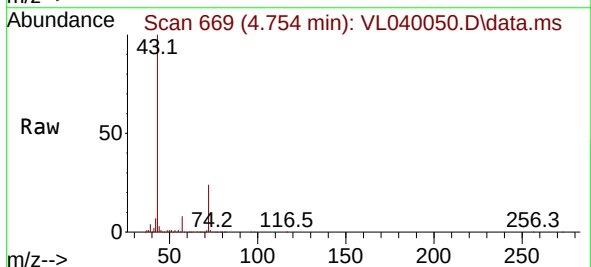
Acq: 20 Dec 2022 9:51

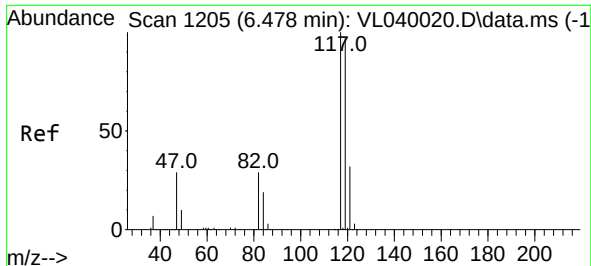
Tgt Ion: 43 Resp: 1288483

Ion Ratio Lower Upper

43 100

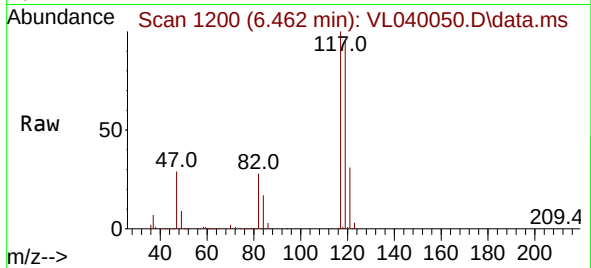
72 22.7 18.0 27.0





#35
Carbon Tetrachloride
Concen: 9.964 ppbv
RT: 6.462 min Scan# 1119
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

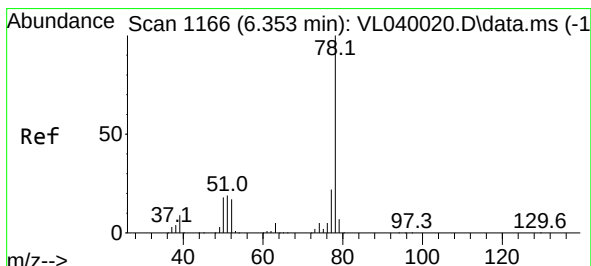
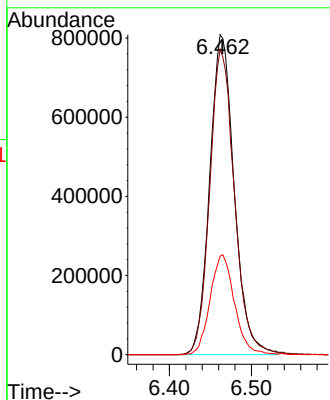
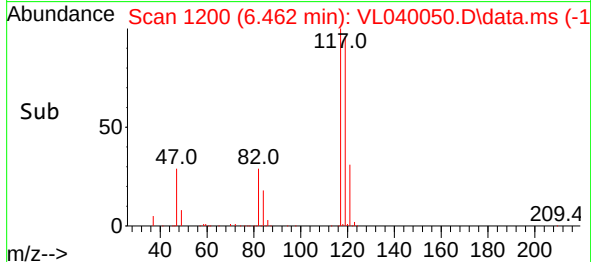
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 168005
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
121 30.8 25.4 38.0

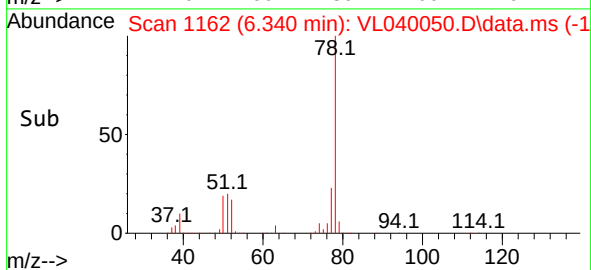
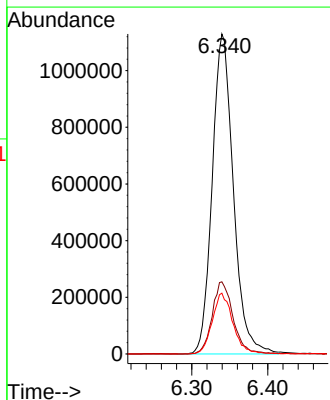
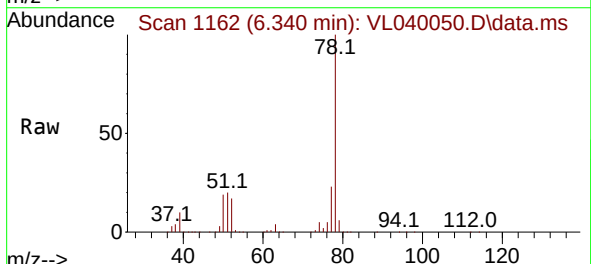
Manual Integrations
APPROVED

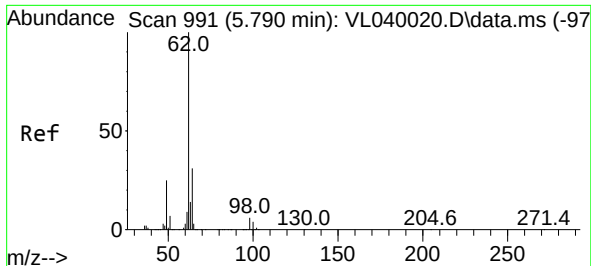
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#36
Benzene
Concen: 8.989 ppbv
RT: 6.340 min Scan# 1162
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

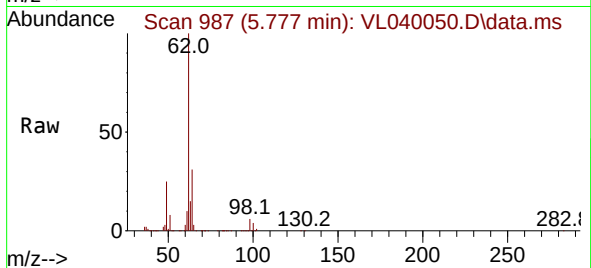
Tgt Ion: 78 Resp: 2179428
Ion Ratio Lower Upper
78 100
77 22.5 17.5 26.3
50 19.0 14.2 21.2





#37
1,2-Dichloroethane
Concen: 8.928 ppbv
RT: 5.777 min Scan# 91
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

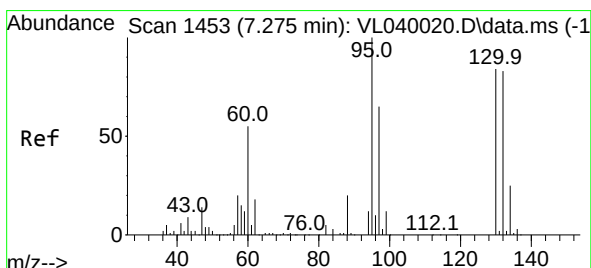
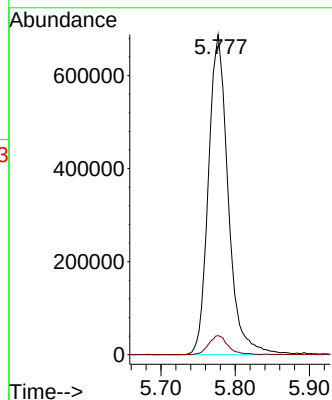
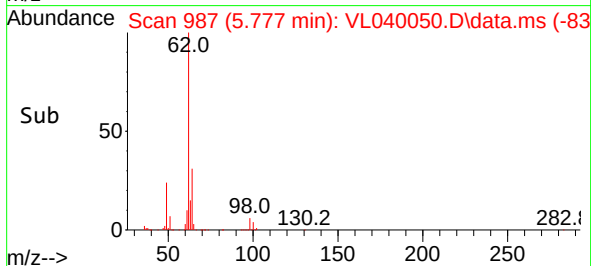
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



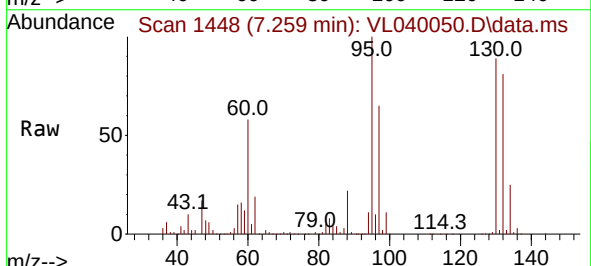
Tgt Ion: 62 Resp: 126991
Ion Ratio Lower Upper
62 100
98 6.0 5.1 7.7

Manual Integrations
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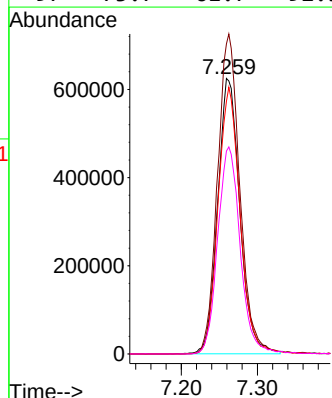
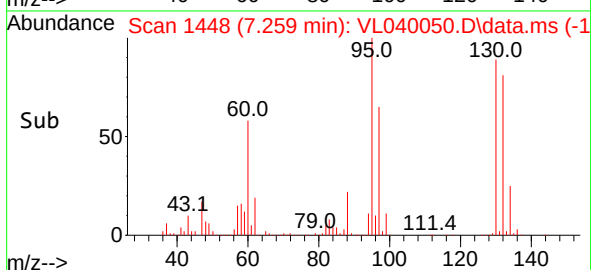
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

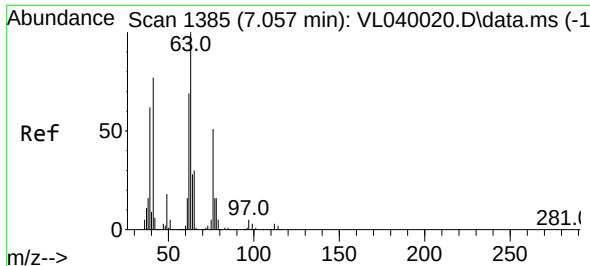


#38
Trichloroethene
Concen: 10.140 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51



Tgt Ion:130 Resp: 1263449
Ion Ratio Lower Upper
130 100
95 112.6 94.8 142.2
132 91.8 78.2 117.4
97 73.7 61.7 92.5





#39

1,2-Dichloropropane

Concen: 8.964 ppbv

RT: 7.044 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 81463

Ion Ratio Lower Upper

63 100

41 72.7 61.4 92.0

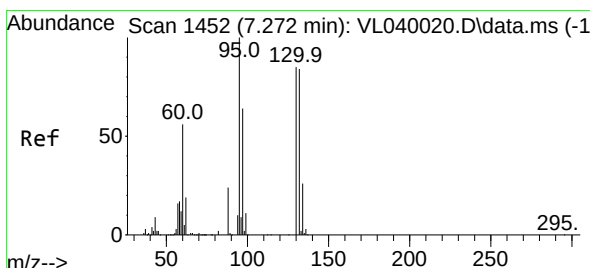
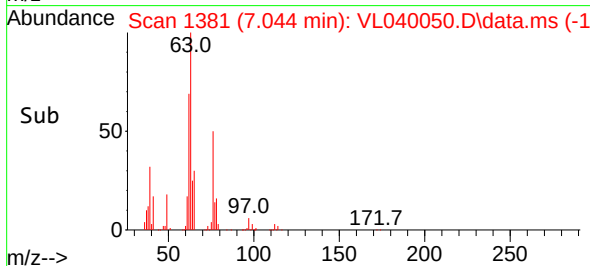
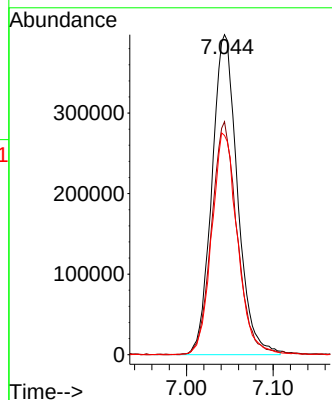
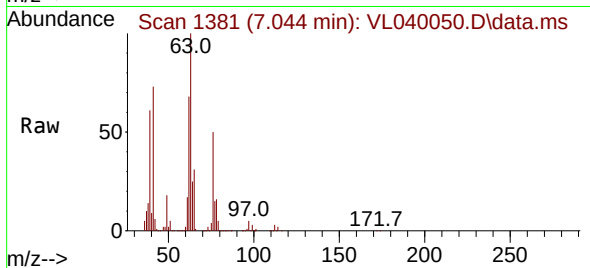
62 68.4 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#40

1,4-Dioxane

Concen: 8.525 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. -0.016 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Tgt Ion: 88 Resp: 349184

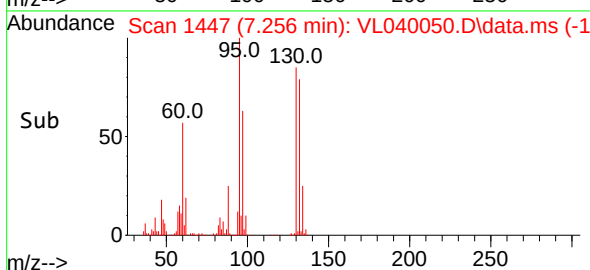
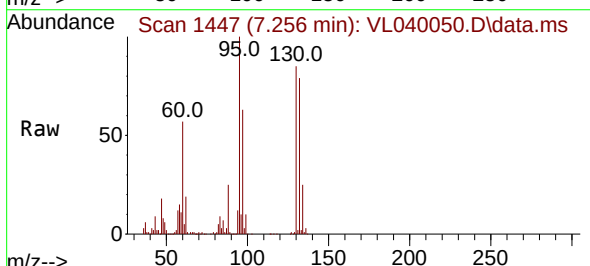
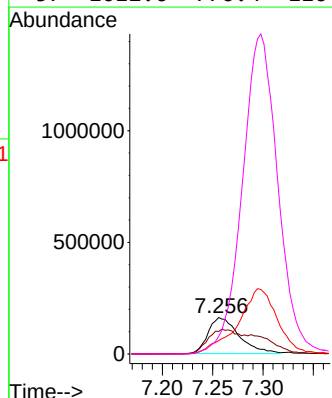
Ion Ratio Lower Upper

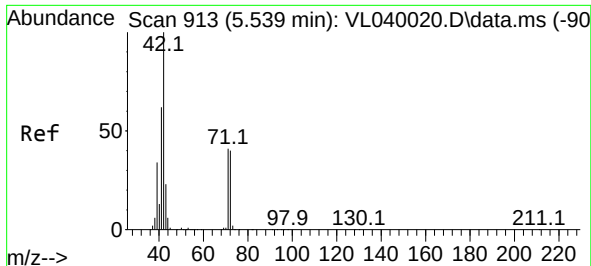
88 100

58 117.4 92.7 139.1

43 230.0 174.6 261.8

57 1012.6 776.4 1164.6





#41

Tetrahydrofuran

Concen: 8.578 ppbv

RT: 5.526 min Scan# 909

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

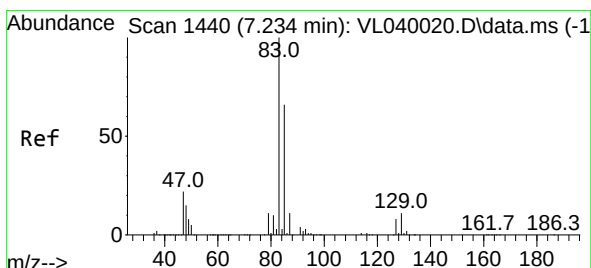
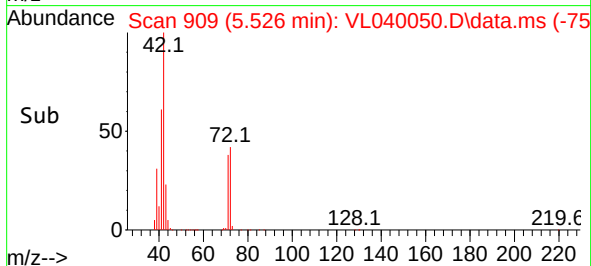
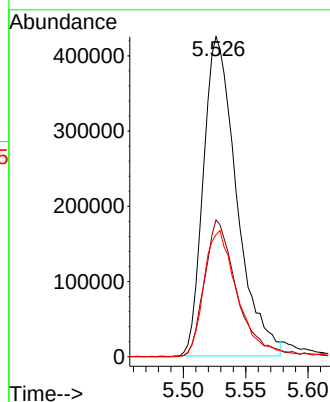
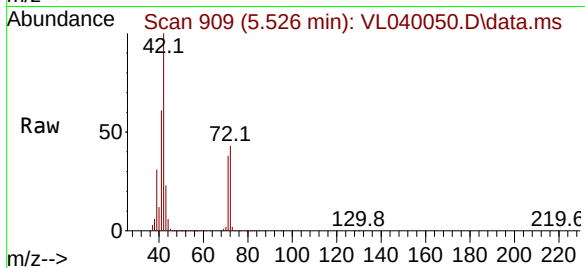
VSTDCCC010

Tgt Ion:	42	Resp:	78855
Ion	Ratio	Lower	Upper
42	100		
72	42.8	32.9	49.3
71	41.3	32.2	48.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#42

Bromodichloromethane

Concen: 9.235 ppbv

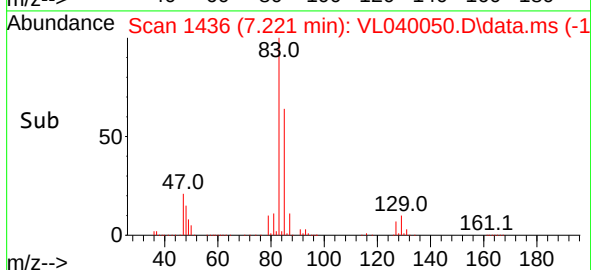
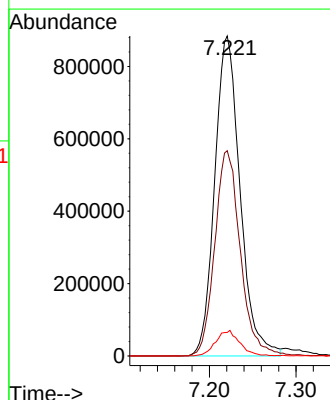
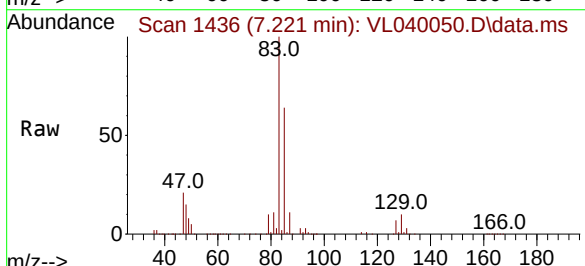
RT: 7.221 min Scan# 1436

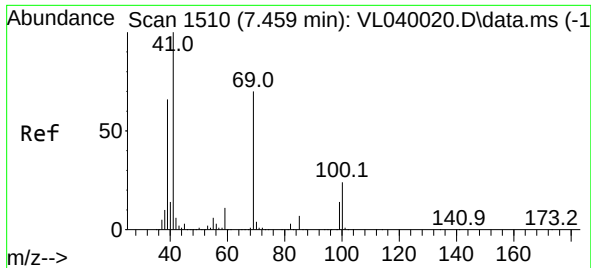
Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

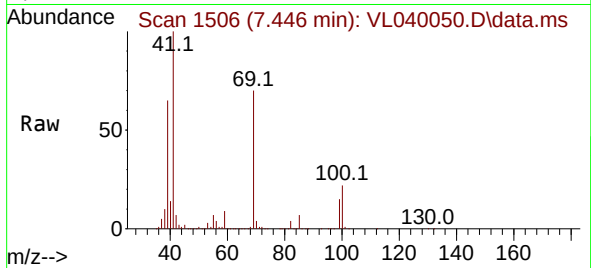
Tgt Ion:	83	Resp:	1799491
Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.0	79.6
127	7.4	6.2	9.2





#43
Methyl Methacrylate
Concen: 9.466 ppbv
RT: 7.446 min Scan# 1510
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

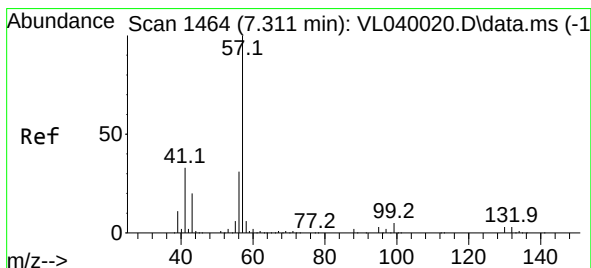
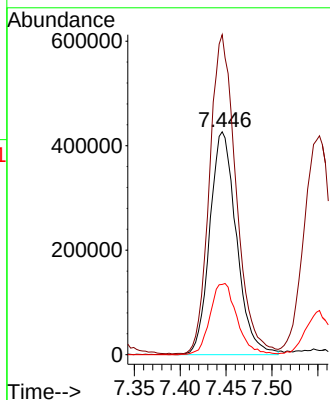
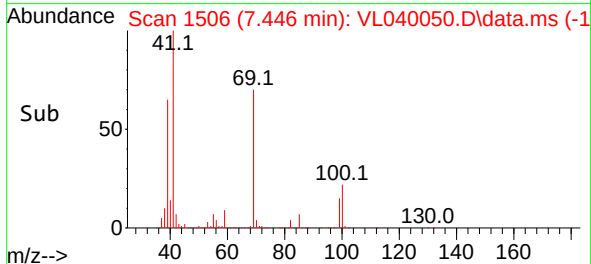
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



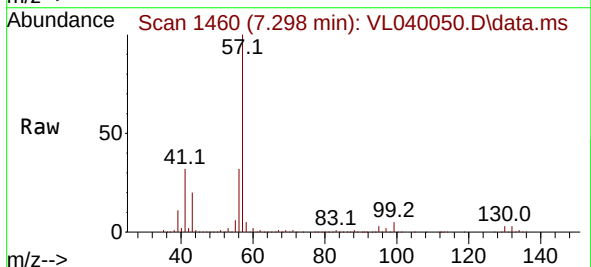
Tgt Ion: 69 Resp: 861360
Ion Ratio Lower Upper
69 100
41 143.0 115.7 173.5
100 32.2 26.0 39.0

Manual Integrations
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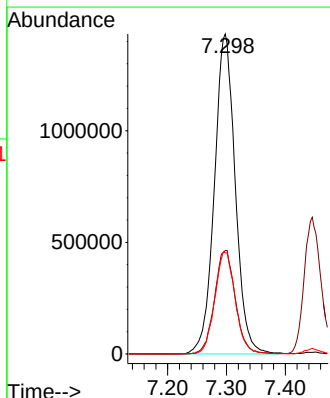
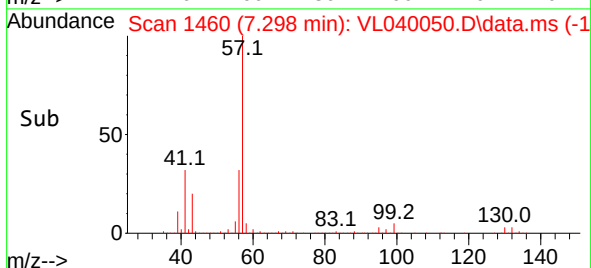
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

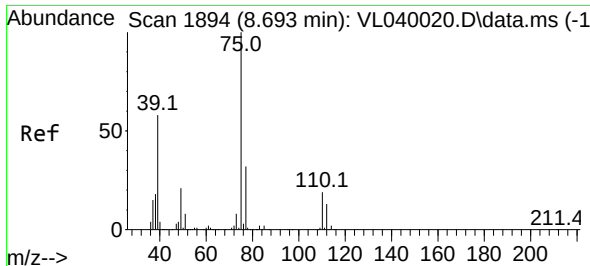


#44
2,2,4-Trimethylpentane
Concen: 8.847 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51



Tgt Ion: 57 Resp: 3531358
Ion Ratio Lower Upper
57 100
41 32.4 26.2 39.4
56 31.4 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 10.484 ppbv

RT: 8.680 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 806310

Ion Ratio Lower Upper

75 100

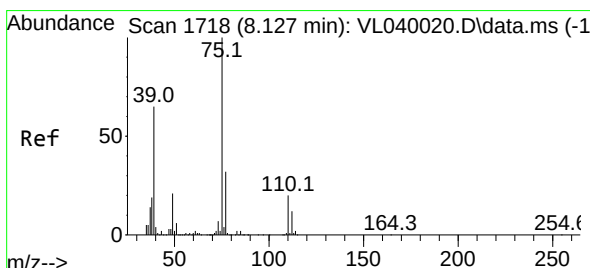
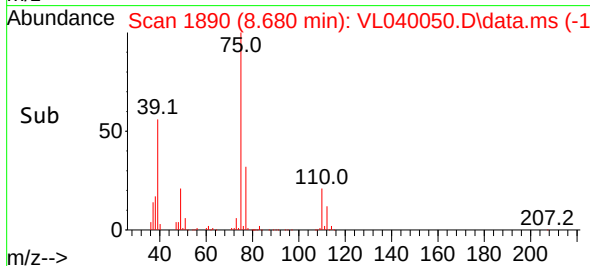
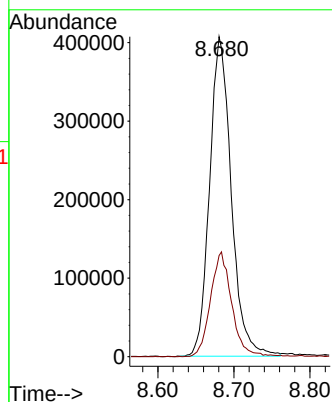
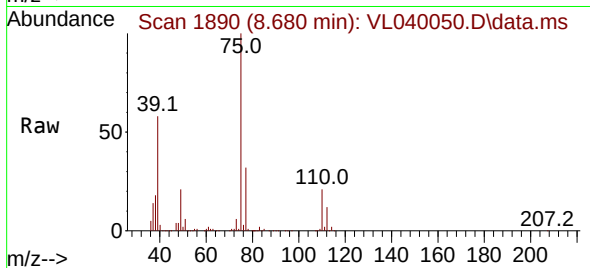
77 31.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#46

cis-1,3-Dichloropropene

Concen: 10.181 ppbv

RT: 8.114 min Scan# 1714

Delta R.T. -0.013 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

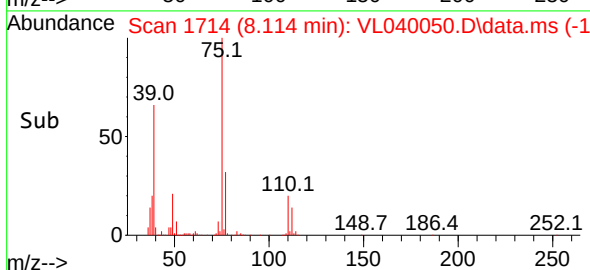
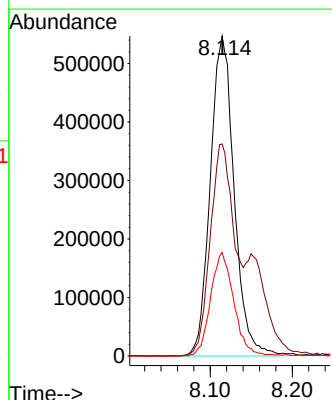
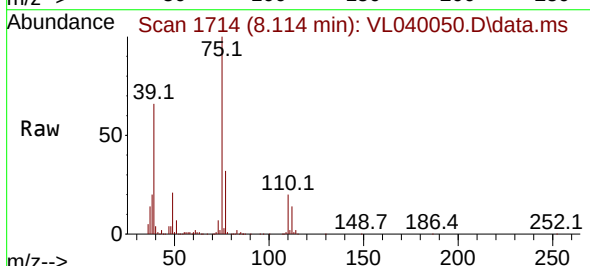
Tgt Ion: 75 Resp: 1104274

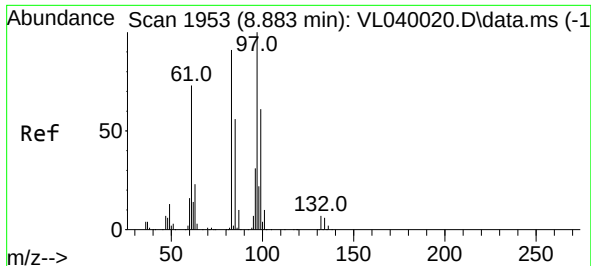
Ion Ratio Lower Upper

75 100

39 66.2 51.7 77.5

77 32.4 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 8.750 ppbv

RT: 8.870 min Scan# 1953

Delta R.T. -0.013 min

Lab File: VL040050.D

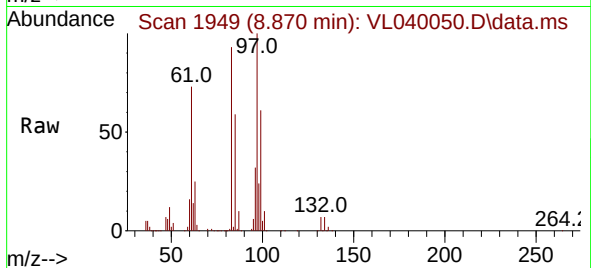
Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 97 Resp: 870850

Ion Ratio Lower Upper

97 100

83 92.8 72.5 108.7

85 59.2 45.0 67.6

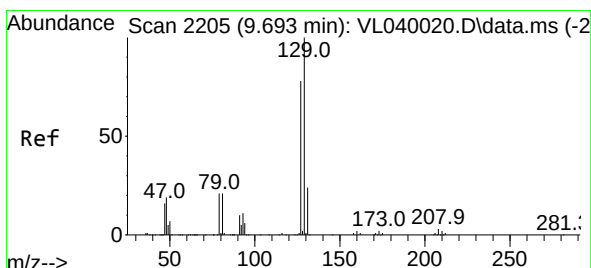
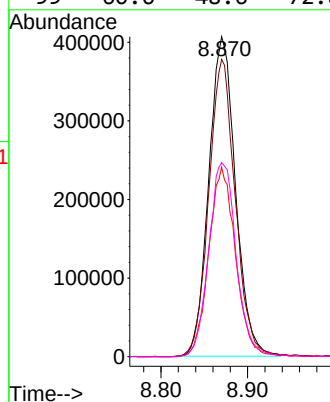
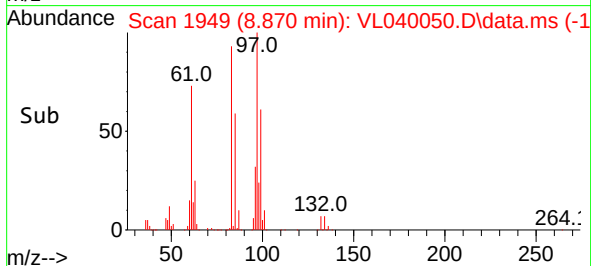
99 60.6 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#48

Dibromochloromethane

Concen: 9.567 ppbv

RT: 9.680 min Scan# 2201

Delta R.T. -0.013 min

Lab File: VL040050.D

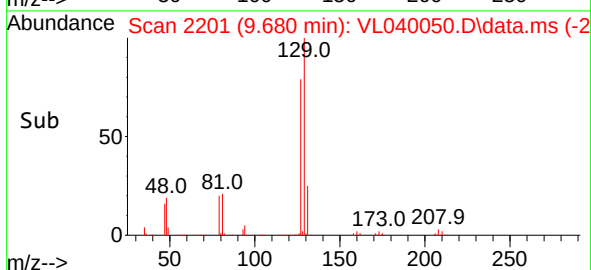
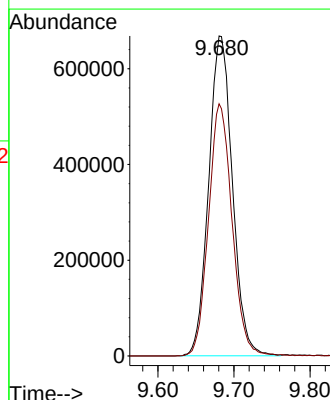
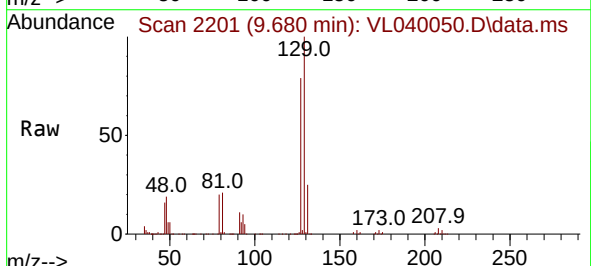
Acq: 20 Dec 2022 9:51

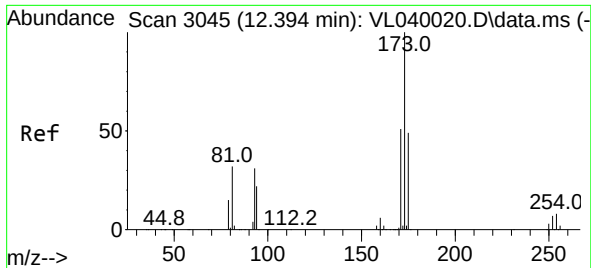
Tgt Ion:129 Resp: 1447963

Ion Ratio Lower Upper

129 100

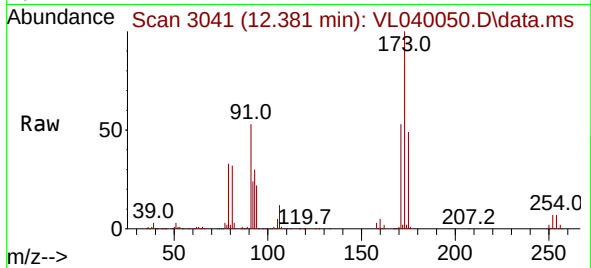
127 78.4 39.4 118.1





#49
Bromoform
Concen: 9.314 ppbv
RT: 12.381 min Scan# 3045
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

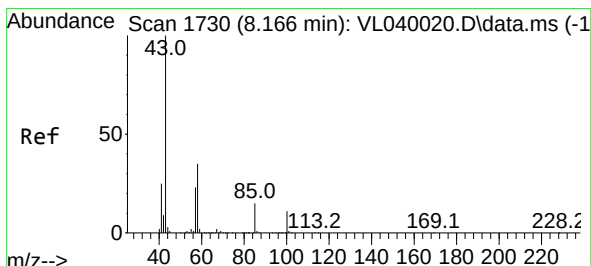
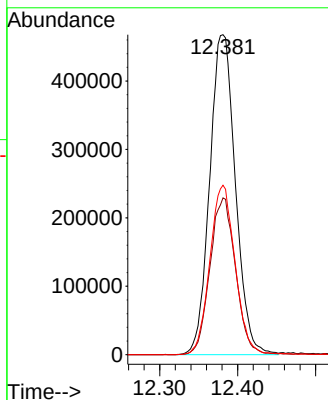
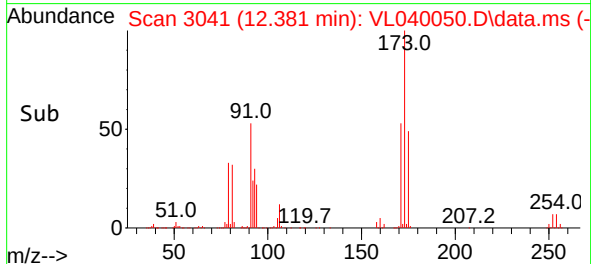
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



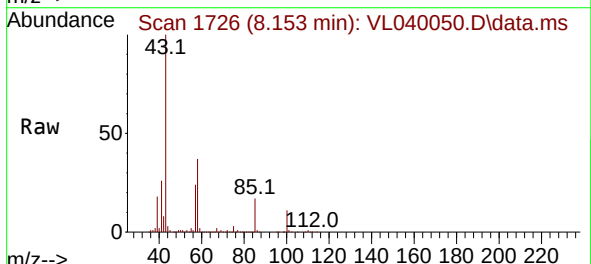
Tgt Ion: 173 Resp: 1075379
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.4
171 52.1 42.0 63.0

Manual Integrations
APPROVED

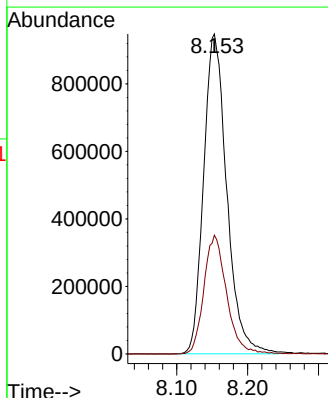
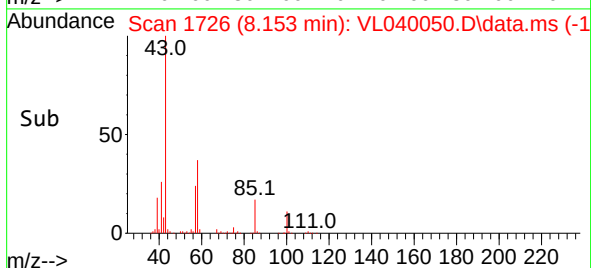
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

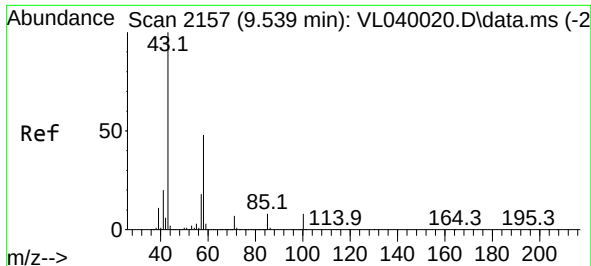


#50
4-Methyl-2-Pentanone
Concen: 8.922 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51



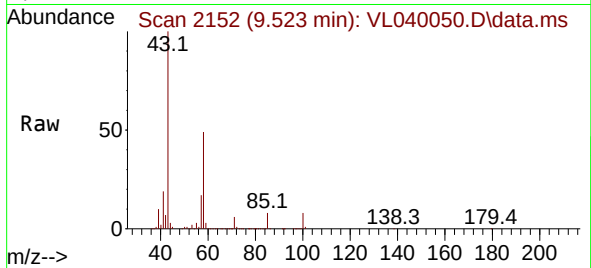
Tgt Ion: 43 Resp: 2146680
Ion Ratio Lower Upper
43 100
58 36.5 29.0 43.4





#51
2-Hexanone
Concen: 8.957 ppbv
RT: 9.523 min Scan# 2157
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

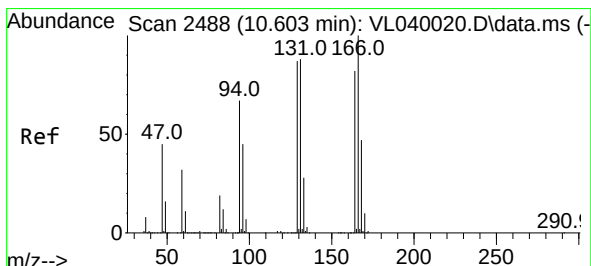
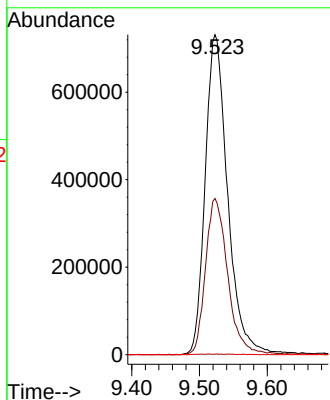
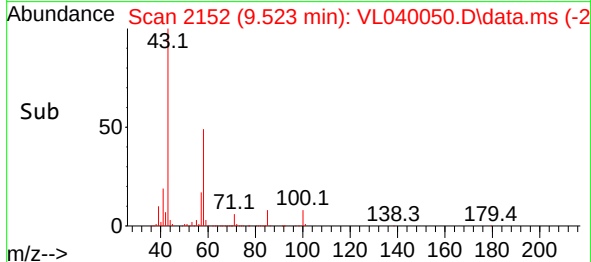
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 167635
Ion Ratio Lower Upper
43 100
58 48.9 39.4 59.2
98 0.3 0.2 0.4

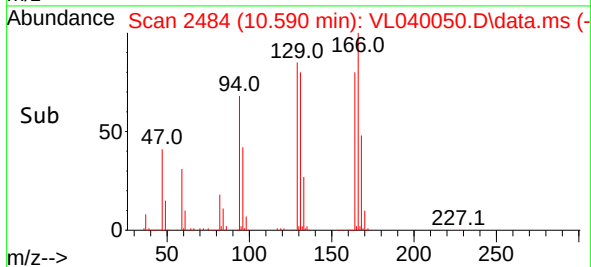
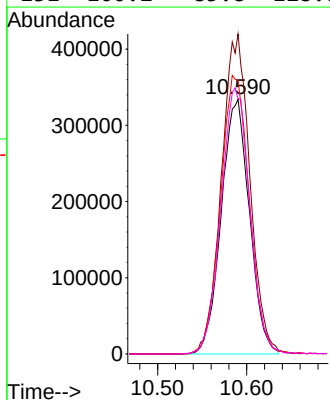
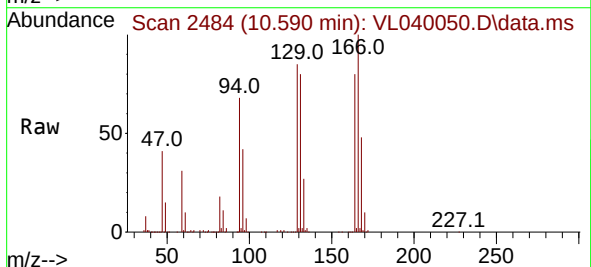
Manual Integrations
APPROVED

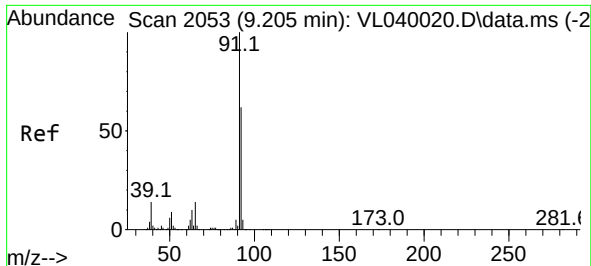
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#52
Tetrachloroethene
Concen: 8.902 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

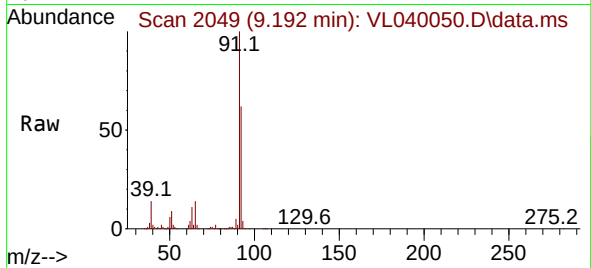
Tgt Ion:164 Resp: 733845
Ion Ratio Lower Upper
164 100
166 125.7 97.4 146.0
129 107.3 84.3 126.5
131 100.2 85.8 128.8





#53
Toluene
Concen: 9.181 ppbv
RT: 9.192 min Scan# 2049
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

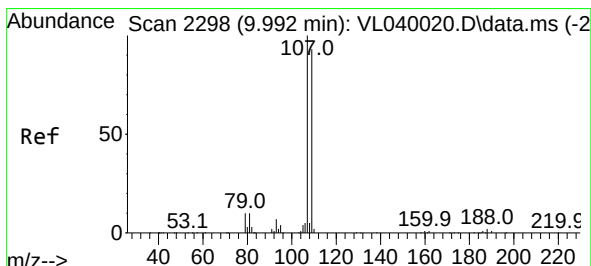
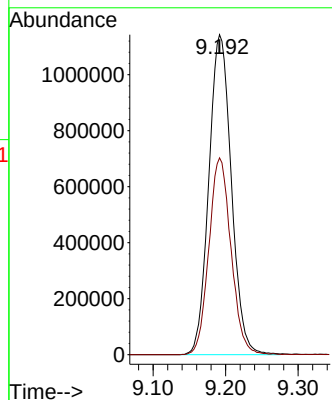
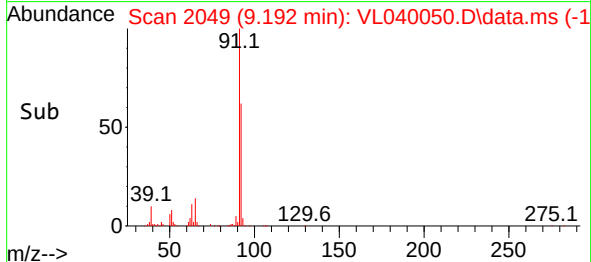
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



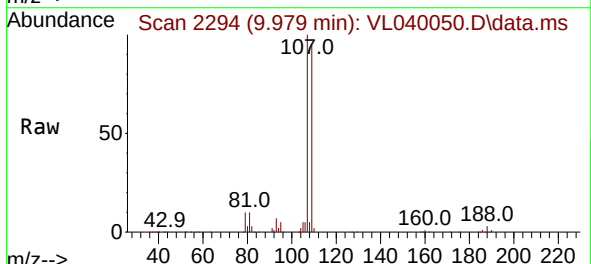
Tgt Ion: 91 Resp: 2464578
Ion Ratio Lower Upper
91 100
92 60.5 48.7 73.1

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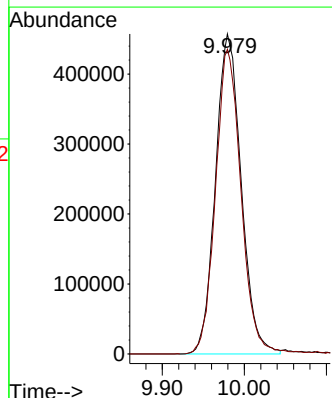
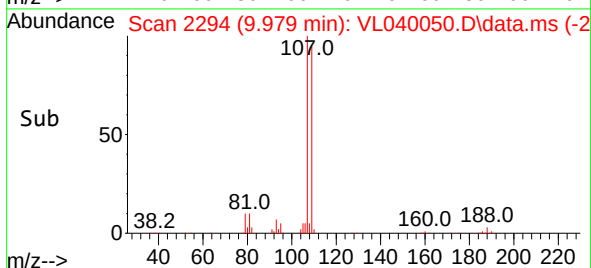
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

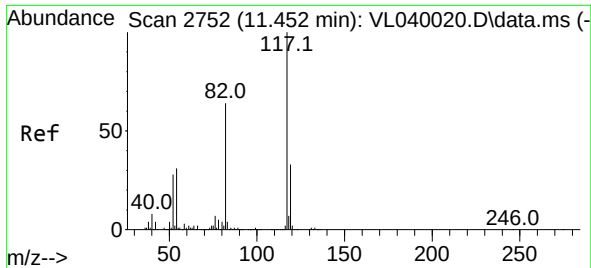


#54
1,2-Dibromoethane
Concen: 9.308 ppbv
RT: 9.979 min Scan# 2294
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51



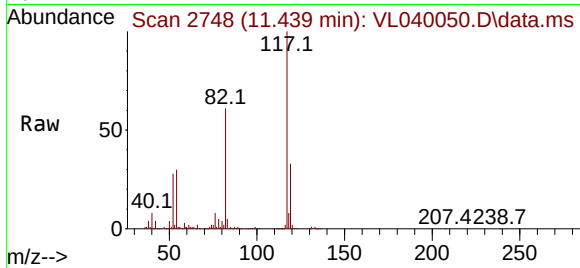
Tgt Ion:107 Resp: 997540
Ion Ratio Lower Upper
107 100
109 95.2 74.1 111.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2752
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

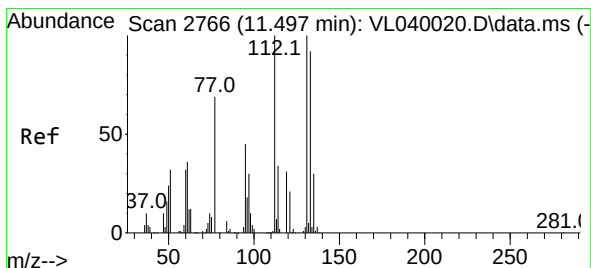
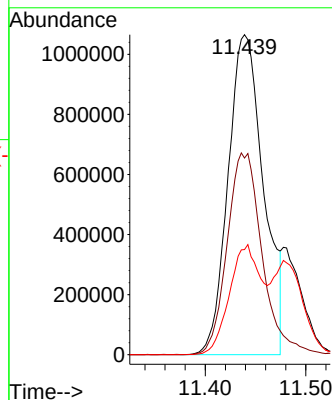
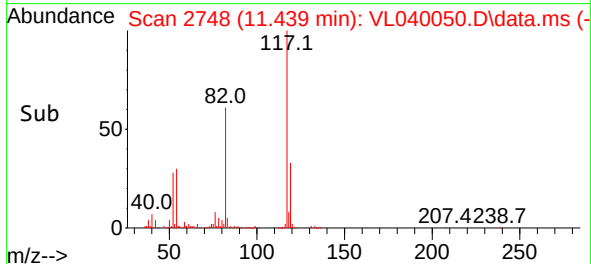
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



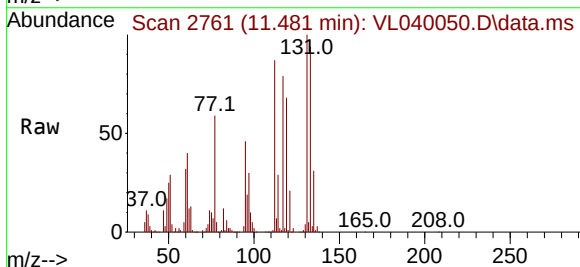
Tgt Ion:117 Resp: 261917
Ion Ratio Lower Upper
117 100
82 62.4 51.2 76.8
119 29.1 23.2 34.8

Manual Integrations
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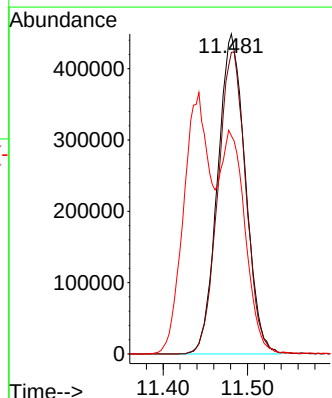
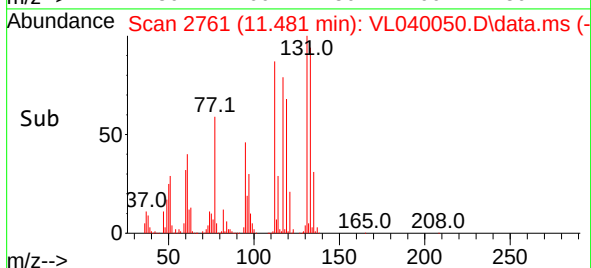
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

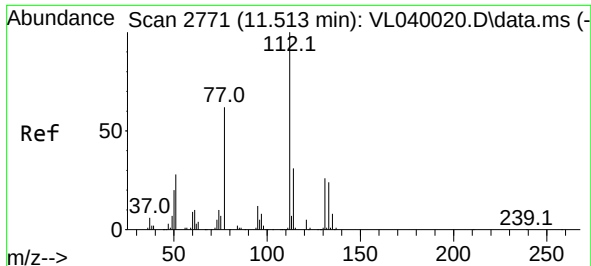


#56
1,1,1,2-Tetrachloroethane
Concen: 8.478 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51



Tgt Ion:131 Resp: 1024312
Ion Ratio Lower Upper
131 100
133 95.2 75.8 113.8
119 68.3 52.3 78.5





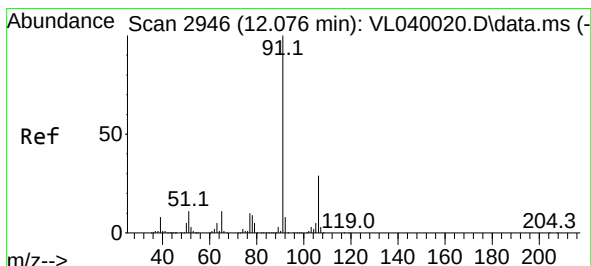
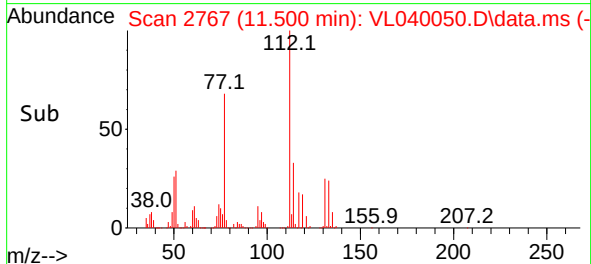
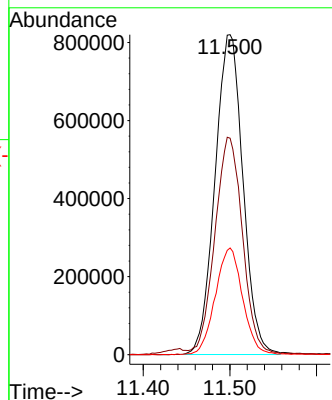
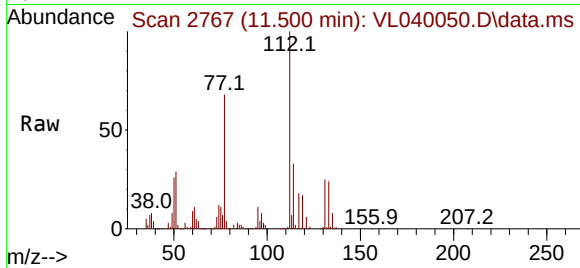
#57
Chlorobenzene
Concen: 8.268 ppbv
RT: 11.500 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 183820
Ion Ratio Lower Upper
112 100
77 67.3 50.6 75.8
114 33.3 27.8 34.0

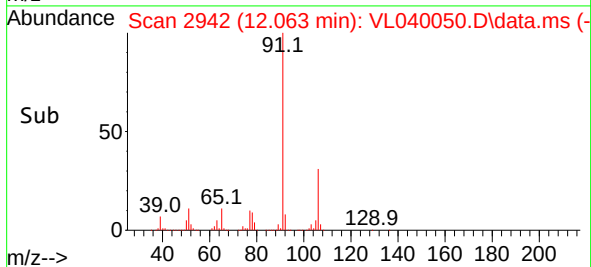
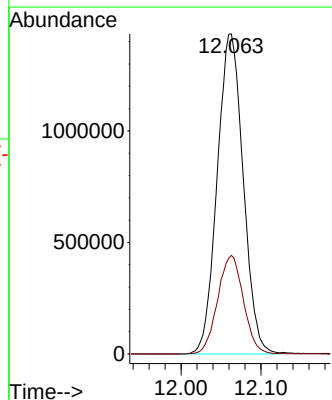
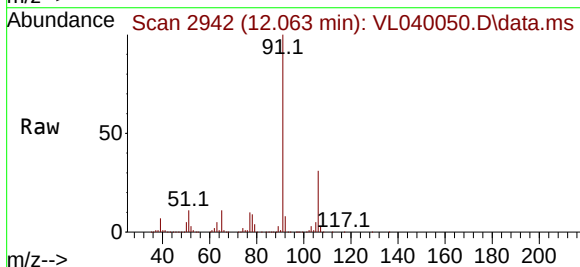
Manual Integrations
APPROVED

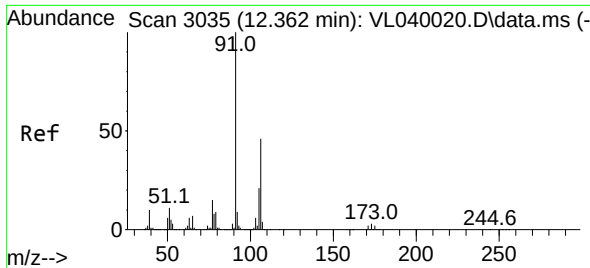
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#58
Ethyl Benzene
Concen: 8.692 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 91 Resp: 3234775
Ion Ratio Lower Upper
91 100
106 30.8 23.5 35.3





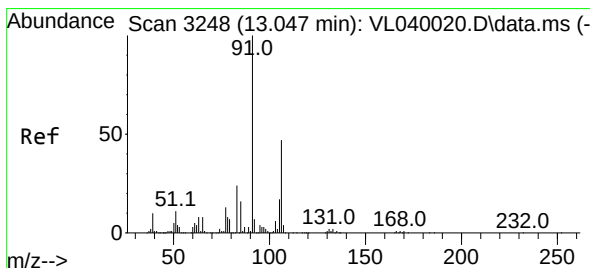
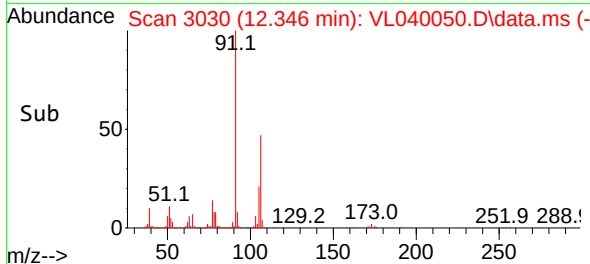
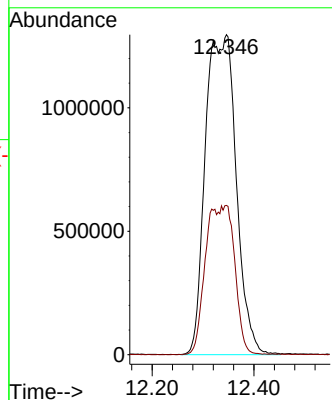
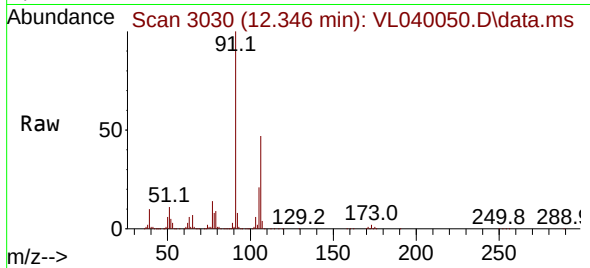
#59
m/p-Xylene
Concen: 16.772 ppbv m
RT: 12.346 min Scan# 3035
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 543729
Ion Ratio Lower Upper
91 100
106 44.4 35.5 53.3

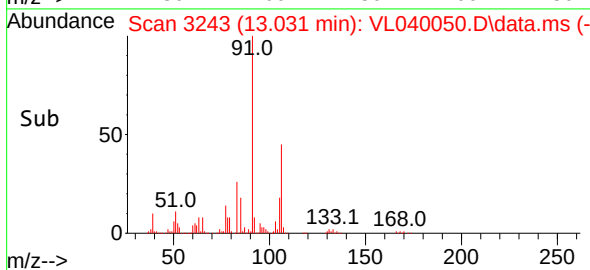
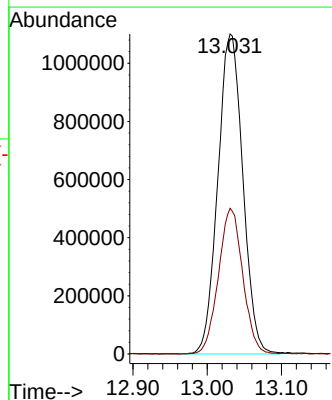
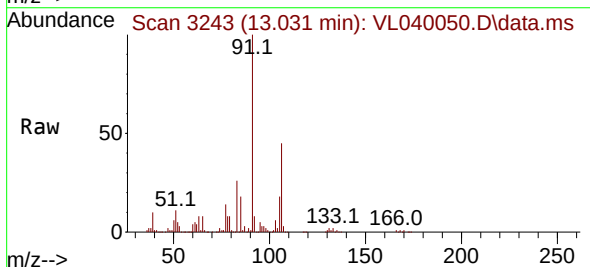
Manual Integrations
APPROVED

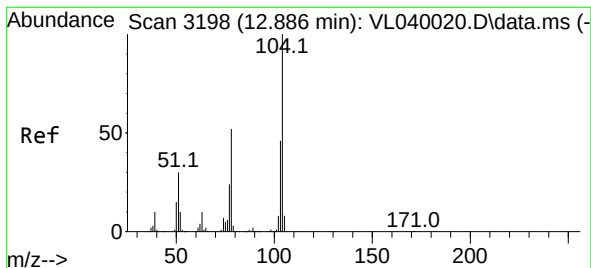
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#60
o-Xylene
Concen: 8.278 ppbv
RT: 13.031 min Scan# 3243
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 91 Resp: 2571040
Ion Ratio Lower Upper
91 100
106 44.5 22.4 67.0





#61

Styrene

Concen: 9.118 ppbv

RT: 12.870 min Scan# 3198

Delta R.T. -0.016 min

Lab File: VL040050.D

Acq: 20 Dec 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 151888

Ion Ratio Lower Upper

104 100

78 52.5 42.4 63.6

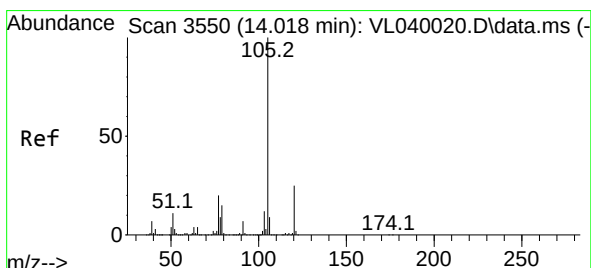
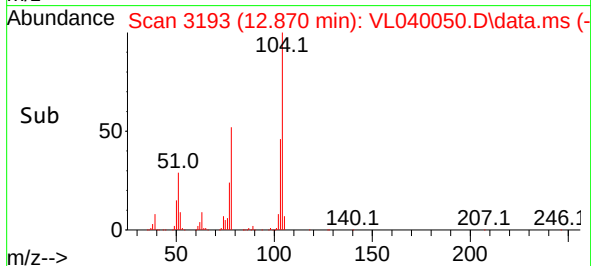
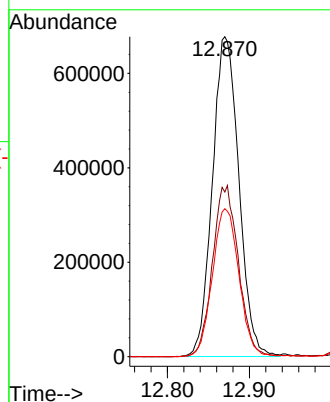
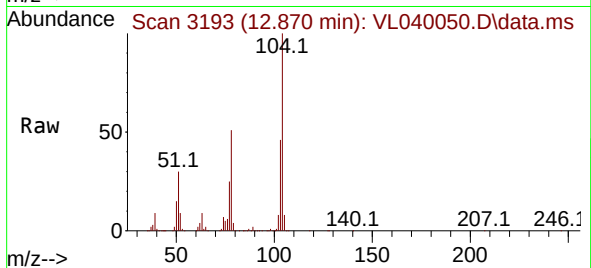
103 46.7 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#62

Isopropylbenzene

Concen: 8.053 ppbv

RT: 14.002 min Scan# 3545

Delta R.T. -0.016 min

Lab File: VL040050.D

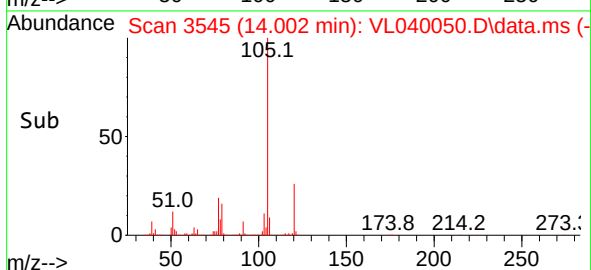
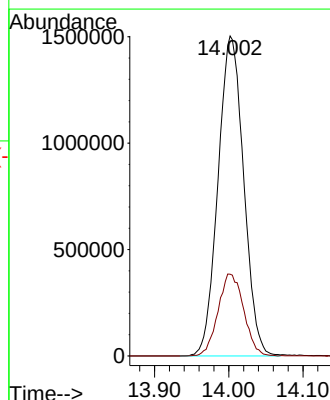
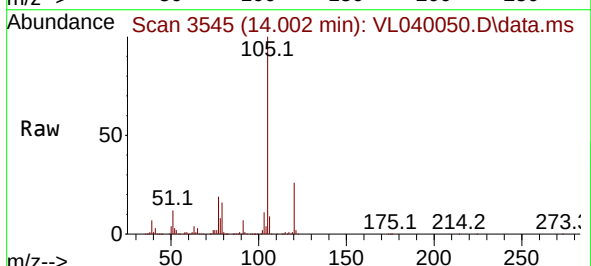
Acq: 20 Dec 2022 9:51

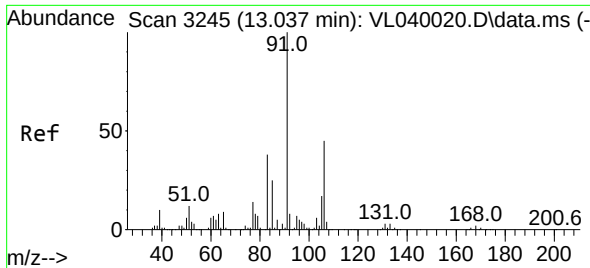
Tgt Ion:105 Resp: 3605906

Ion Ratio Lower Upper

105 100

120 25.7 20.6 31.0





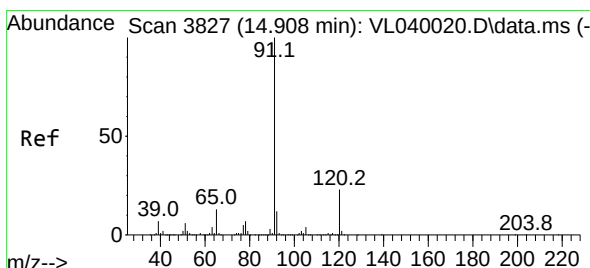
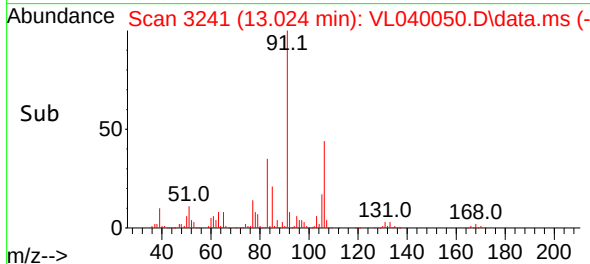
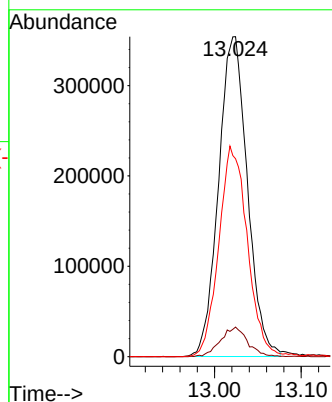
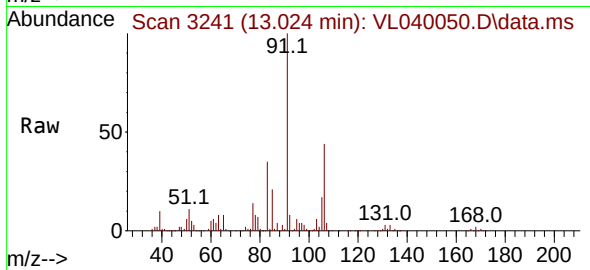
#63
1,1,2,2-Tetrachloroethane
Concen: 7.191 ppbv
RT: 13.024 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 818870
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.5
85 65.7 33.3 99.9

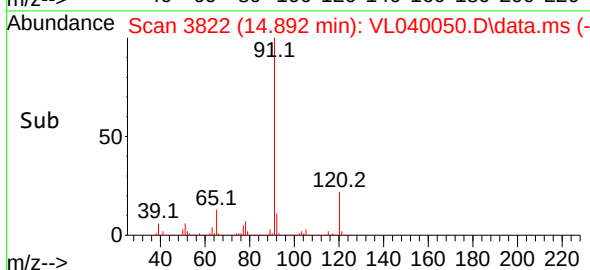
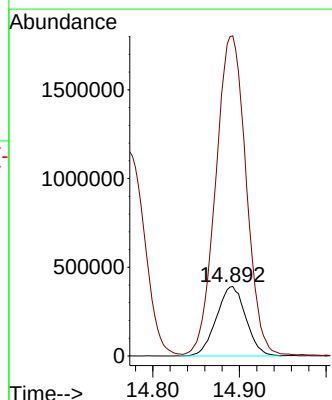
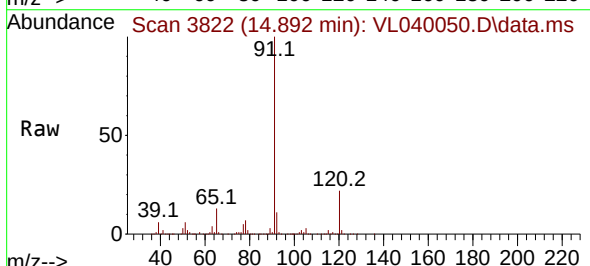
Manual Integrations
APPROVED

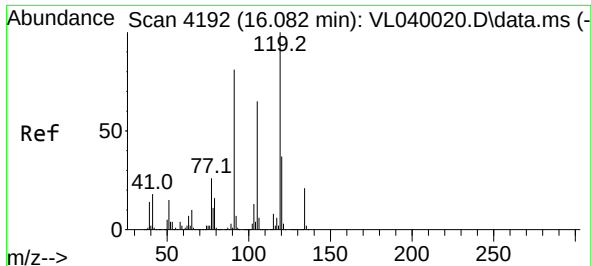
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#64
n-propylbenzene
Concen: 8.159 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

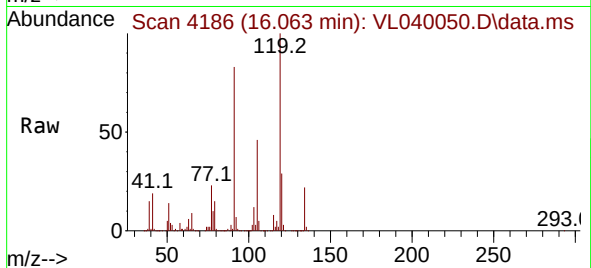
Tgt Ion:120 Resp: 922799
Ion Ratio Lower Upper
120 100
91 477.8 384.3 576.5





#65
tert-Butylbenzene
Concen: 7.860 ppbv
RT: 16.063 min Scan# 4192
Delta R.T. -0.019 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

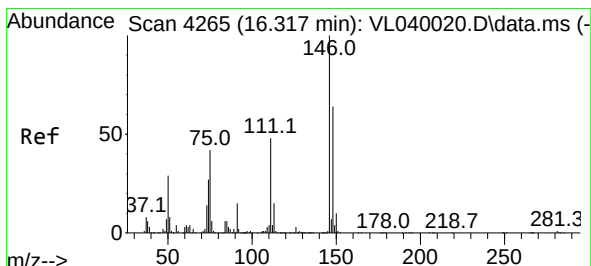
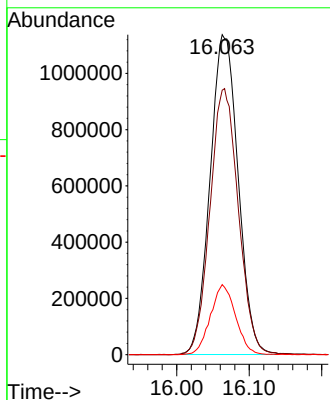
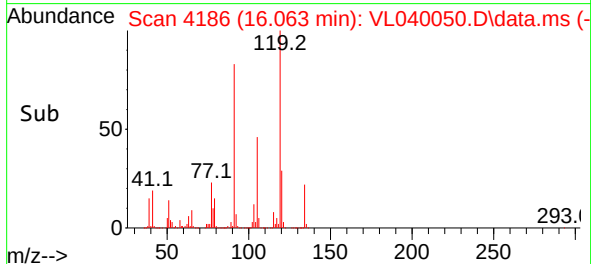
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



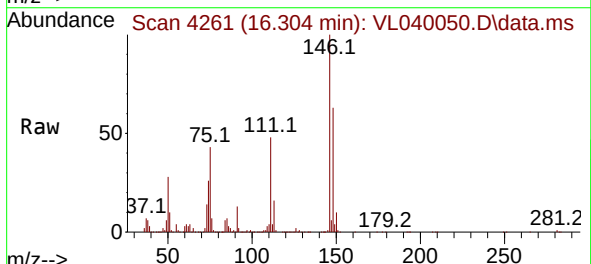
Tgt Ion: 119 Resp: 305842
Ion Ratio Lower Upper
119 100
91 84.2 66.9 100.3
134 19.7 15.8 23.6

Manual Integrations
APPROVED

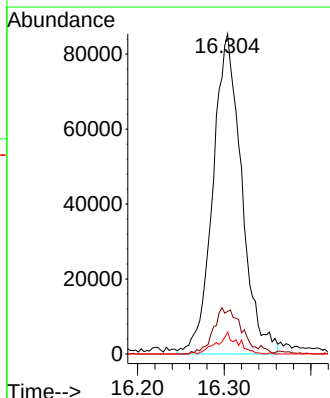
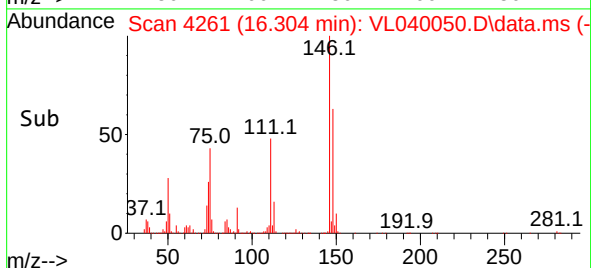
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

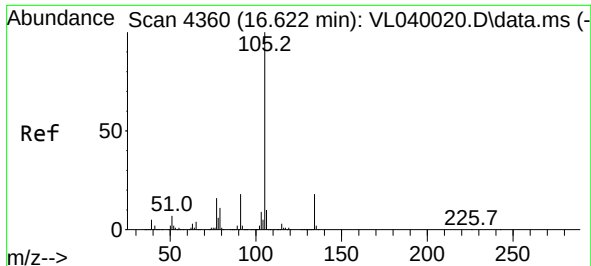


#66
Benzyl Chloride
Concen: 8.665 ppbv m
RT: 16.304 min Scan# 4261
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51



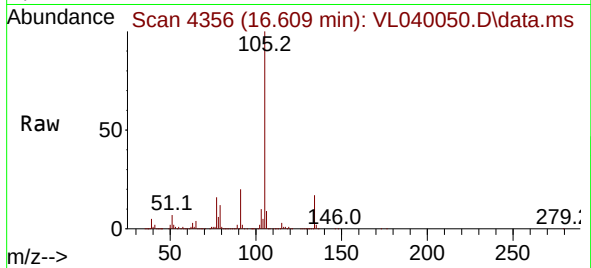
Tgt Ion: 91 Resp: 196613
Ion Ratio Lower Upper
91 100
126 14.8 12.2 18.2
128 5.0 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 7.875 ppbv
 RT: 16.609 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51

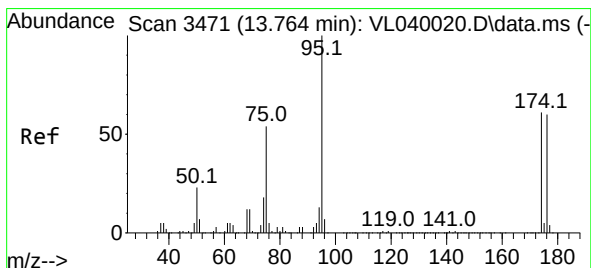
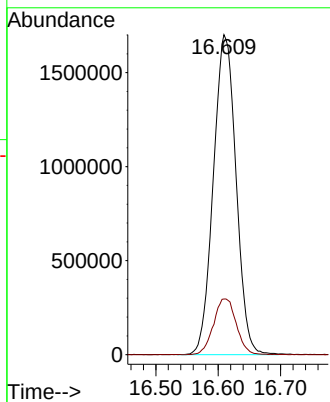
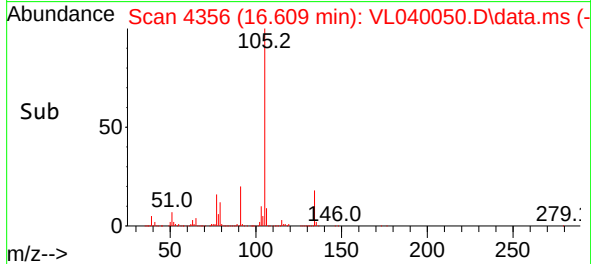
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



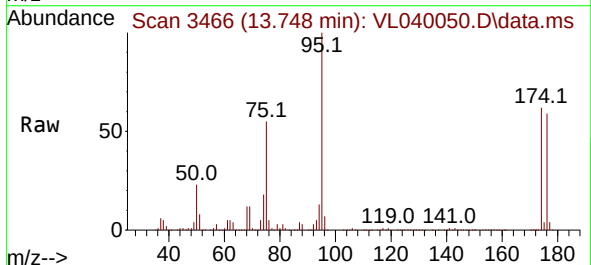
Tgt Ion:105 Resp: 4294538
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.2 21.4

Manual Integrations
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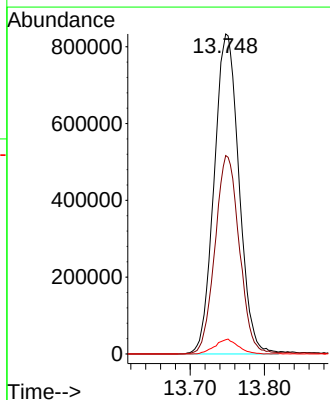
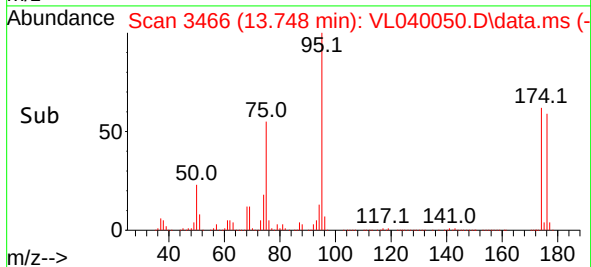
Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

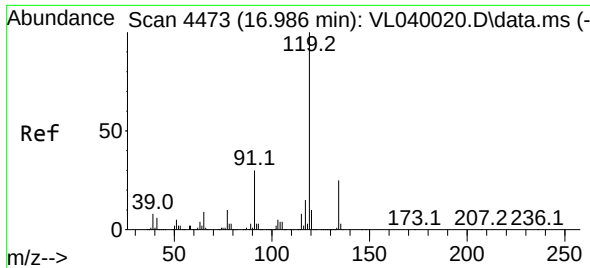


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.674 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. -0.016 min
 Lab File: VL040050.D
 Acq: 20 Dec 2022 9:51



Tgt Ion: 95 Resp: 1935447
 Ion Ratio Lower Upper
 95 100
 174 61.2 48.6 73.0
 175 4.3 3.4 5.2





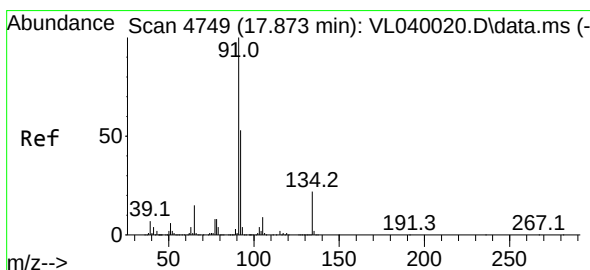
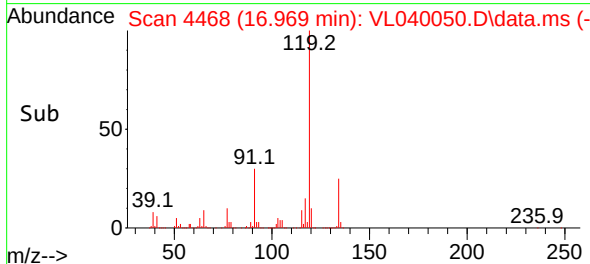
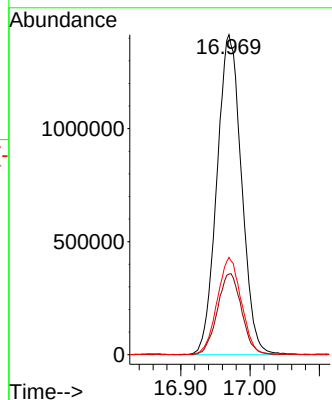
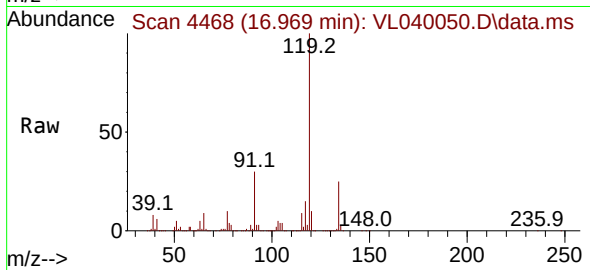
#69
p-Isopropyltoluene
Concen: 8.012 ppbv
RT: 16.969 min Scan# 4473
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 348994
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 29.8 24.2 36.4

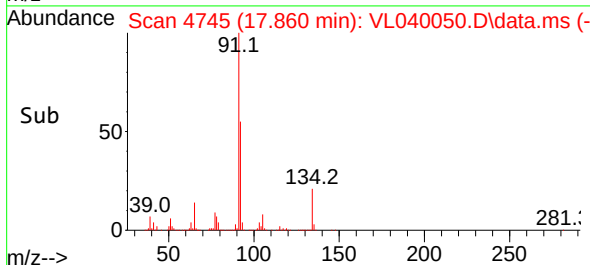
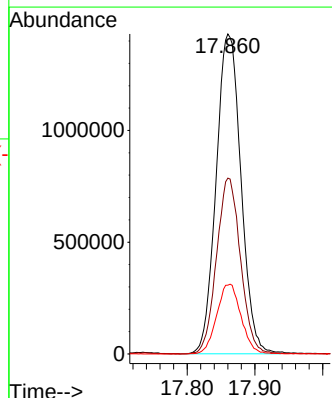
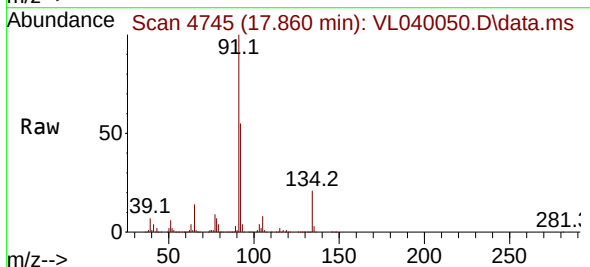
Manual Integrations
APPROVED

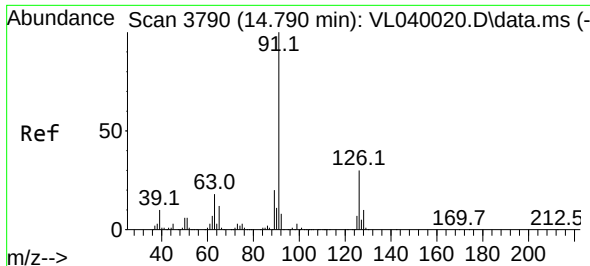
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#70
n-Butylbenzene
Concen: 7.975 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Tgt Ion: 91 Resp: 3639800
Ion Ratio Lower Upper
91 100
92 53.2 43.2 64.8
134 21.5 17.4 26.2





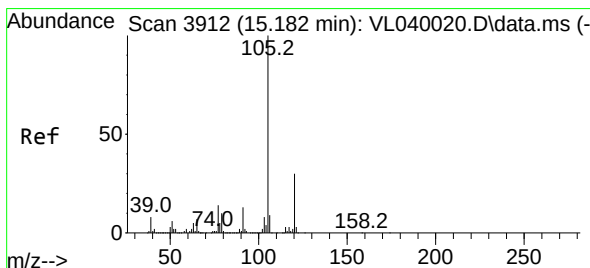
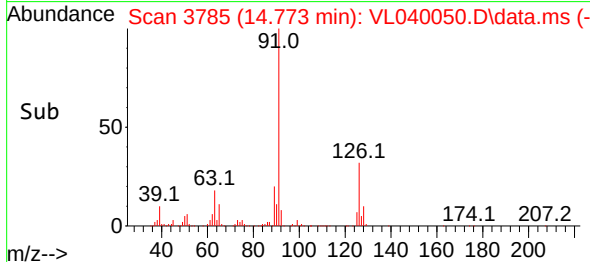
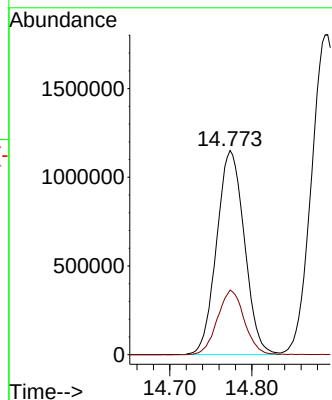
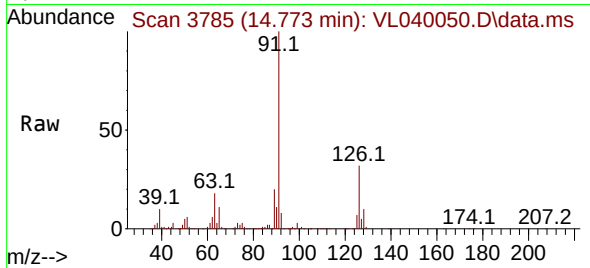
#71
2-Chlorotoluene
Concen: 7.929 ppbv
RT: 14.773 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2708808
Ion Ratio Lower Upper
91 100
126 30.7 12.1 48.5

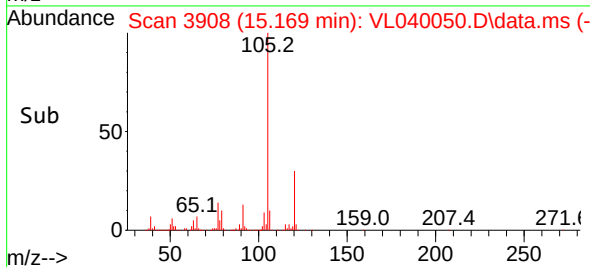
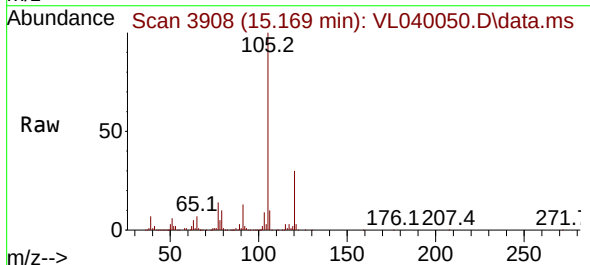
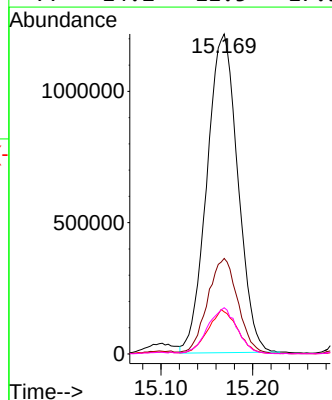
Manual Integrations
APPROVED

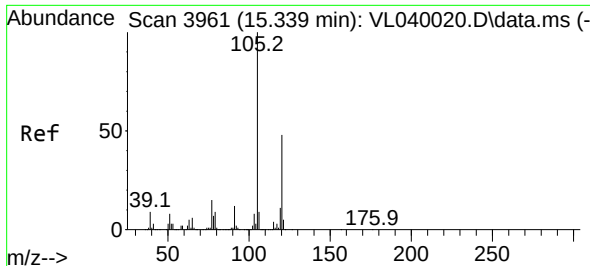
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#72
4-Ethyltoluene
Concen: 8.247 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

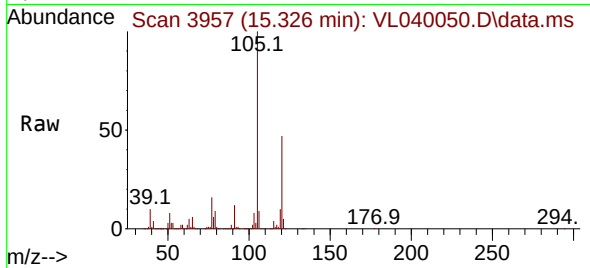
Tgt Ion:105 Resp: 2843984
Ion Ratio Lower Upper
105 100
120 29.6 23.5 35.3
91 13.1 10.5 15.7
77 14.2 11.5 17.3





#73
1,3,5-Trimethylbenzene
Concen: 8.154 ppbv
RT: 15.326 min Scan# 3961
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

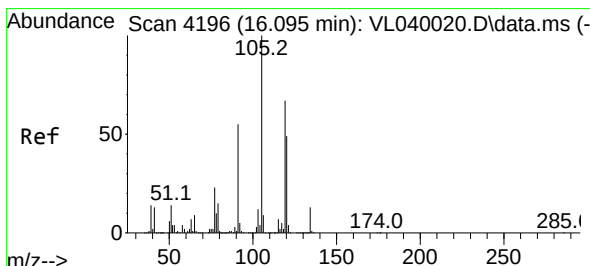
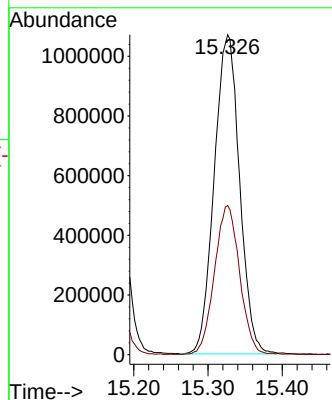
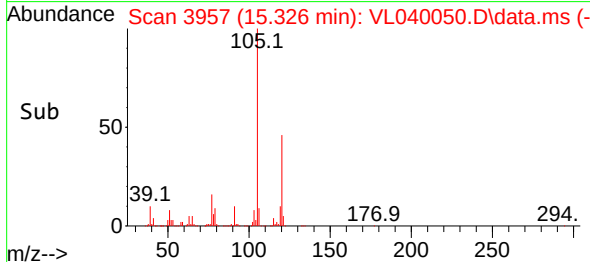
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



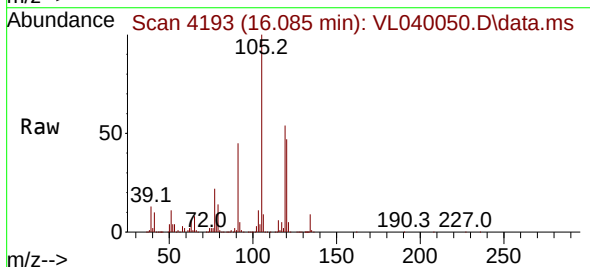
Tgt Ion:105 Resp: 2535919
Ion Ratio Lower Upper
105 100
120 46.7 38.4 57.6

Manual Integrations
APPROVED

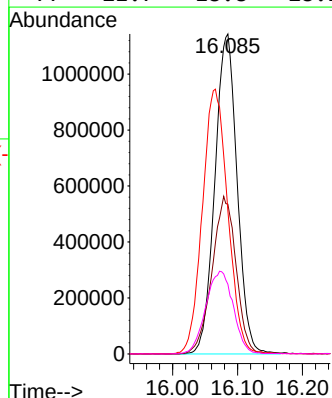
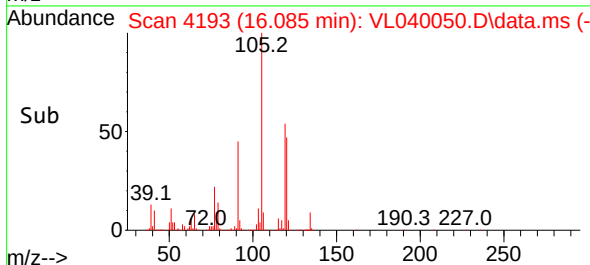
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

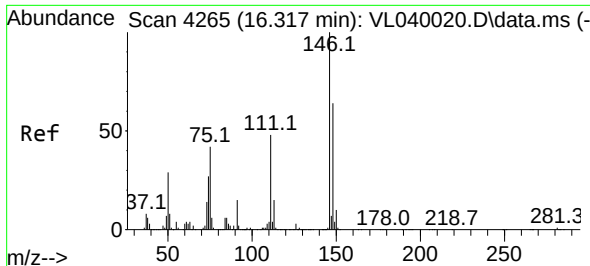


#74
1,2,4-Trimethylbenzene
Concen: 7.910 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.010 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51



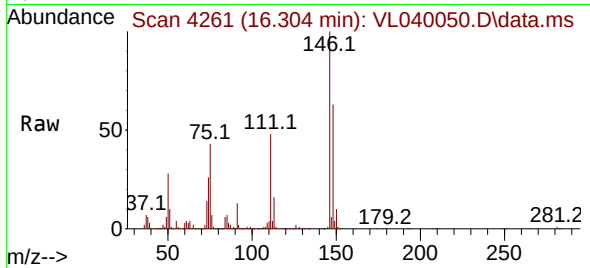
Tgt Ion:105 Resp: 2711675
Ion Ratio Lower Upper
105 100
120 46.7 39.3 58.9
91 44.5 44.2 66.4
77 21.7 18.8 28.2





#75
1,3-Dichlorobenzene
Concen: 8.050 ppbv
RT: 16.304 min Scan# 4306
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

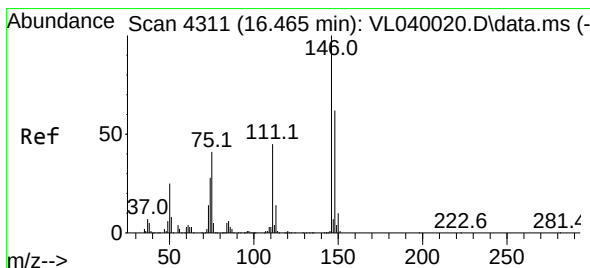
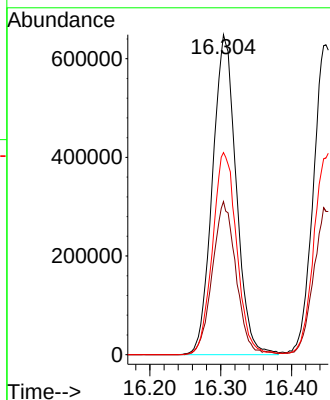
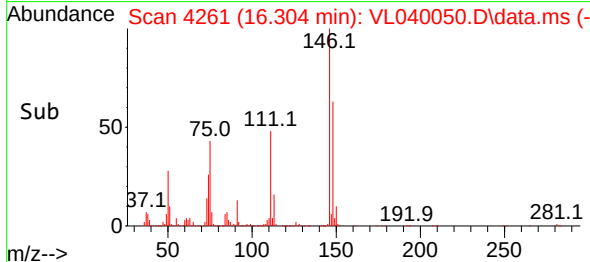
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



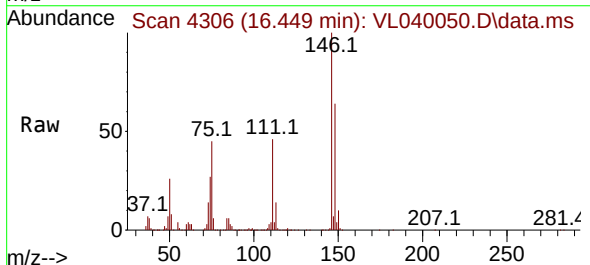
Tgt Ion:146 Resp: 150999
Ion Ratio Lower Upper
146 100
111 47.9 23.9 71.8
148 64.4 32.0 96.2

Manual Integrations
APPROVED

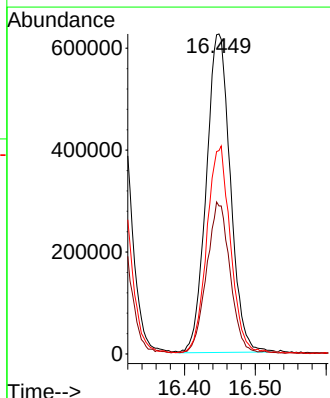
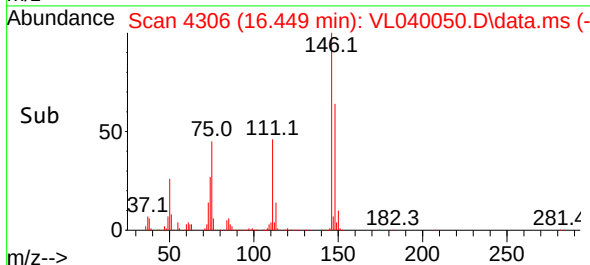
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

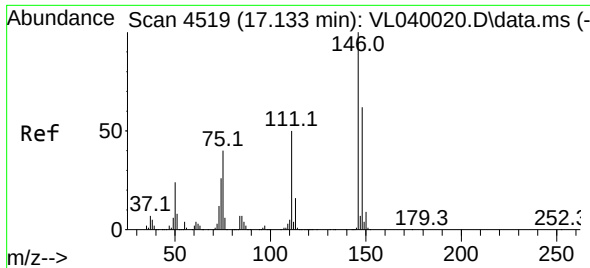


#76
1,4-Dichlorobenzene
Concen: 8.038 ppbv
RT: 16.449 min Scan# 4306
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51



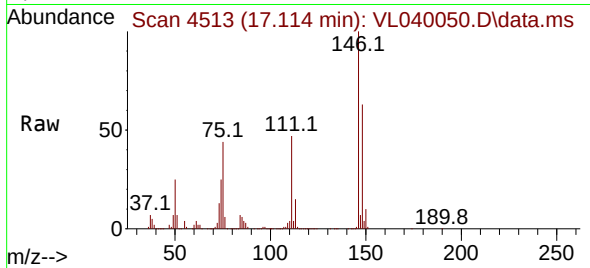
Tgt Ion:146 Resp: 1472009
Ion Ratio Lower Upper
146 100
111 47.2 23.4 70.2
148 64.6 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 8.025 ppbv
RT: 17.114 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

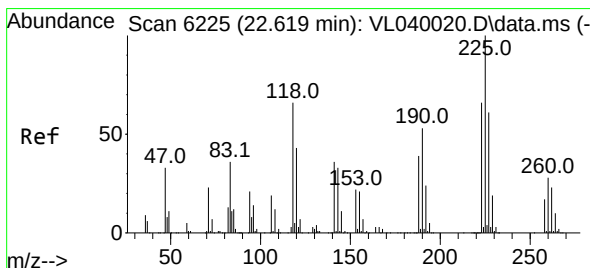
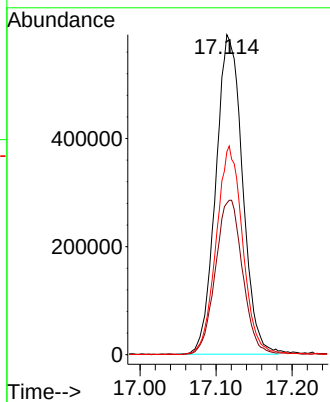
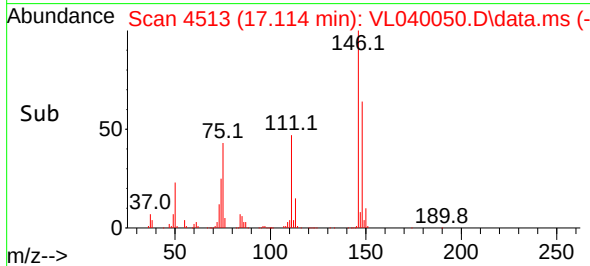
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 1443769
Ion Ratio Lower Upper
146 100
111 49.6 25.3 75.9
148 64.7 31.9 95.9

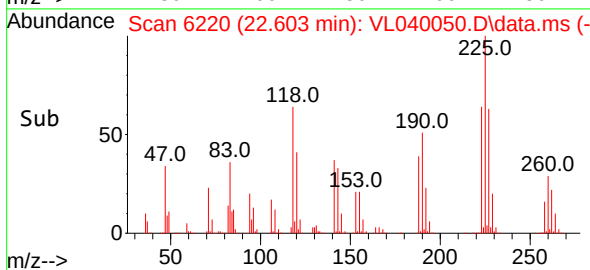
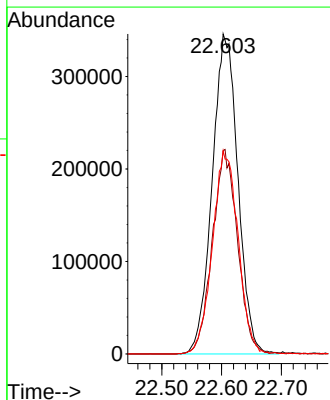
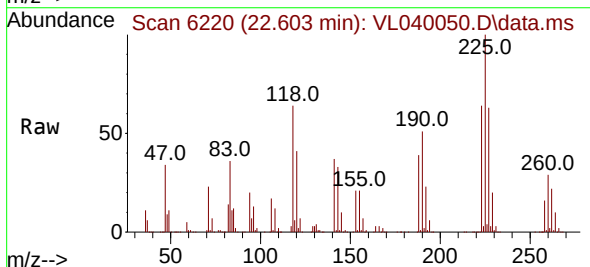
Manual Integrations
APPROVED

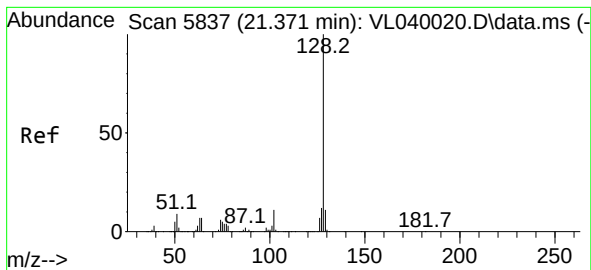
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#78
Hexachloro-1,3-Butadiene
Concen: 8.285 ppbv m
RT: 22.603 min Scan# 6220
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

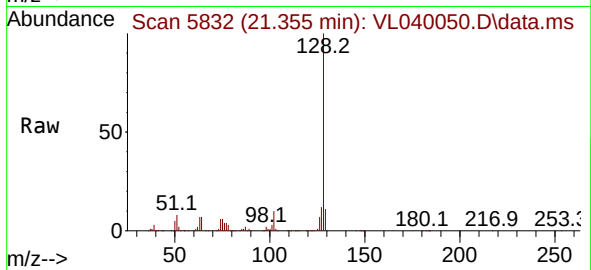
Tgt Ion:225 Resp: 1033960
Ion Ratio Lower Upper
225 100
223 62.8 0.0 0.0#
227 63.7 0.0 0.0#





#79
Naphthalene
Concen: 10.791 ppbv
RT: 21.355 min Scan# 5832
Delta R.T. -0.016 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

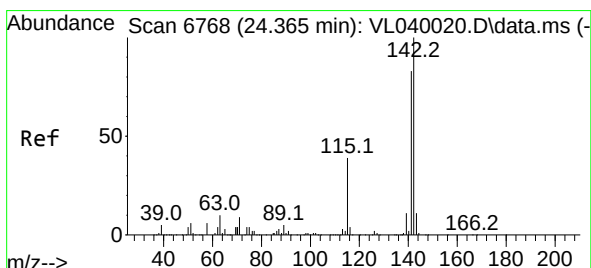
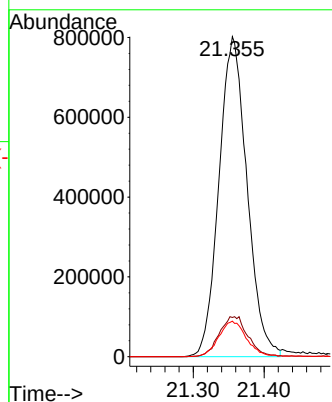
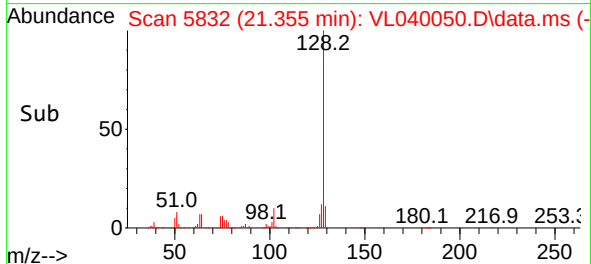
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:128 Resp: 220443
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 11.1 8.8 13.2

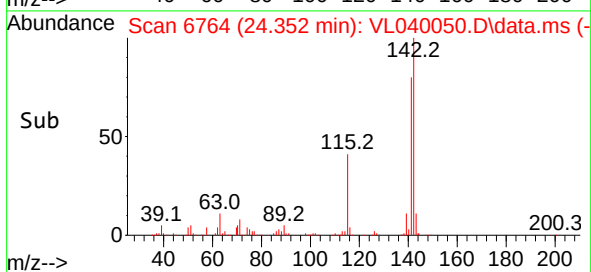
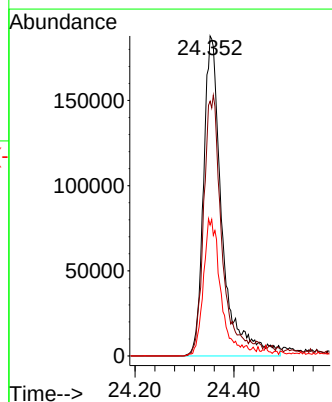
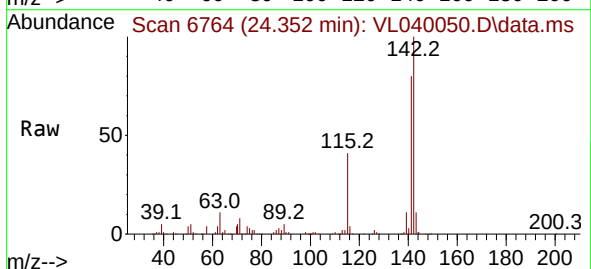
Manual Integrations
APPROVED

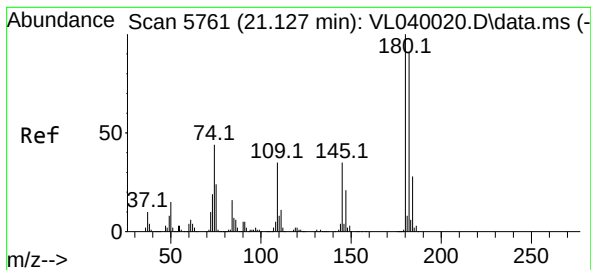
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#80
Naphthalene,2-methyl-
Concen: 7.824 ppbv
RT: 24.352 min Scan# 6764
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

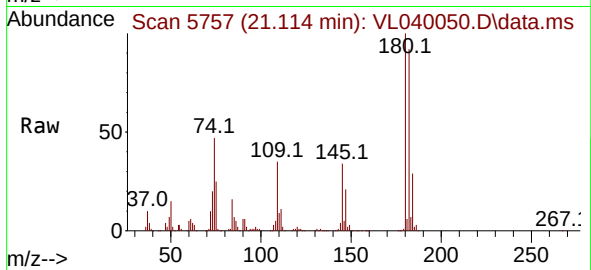
Tgt Ion:142 Resp: 488989
Ion Ratio Lower Upper
142 100
141 85.8 65.3 97.9
115 41.7 31.9 47.9





#81
1,2,4-Trichlorobenzene
Concen: 9.184 ppbv
RT: 21.114 min Scan# 5114
Delta R.T. -0.013 min
Lab File: VL040050.D
Acq: 20 Dec 2022 9:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 111436
Ion Ratio Lower Upper
180 100
182 96.2 76.6 115.0
184 30.5 24.9 37.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

