

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
 Data File : VL040156.D
 Acq On : 7 Feb 2023 8:40
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/07/2023
 Supervised By : Mahesh Dadoda 02/08/2023

Quant Time: Feb 07 09:11:31 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

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

QLast Update : Tue Jan 31 05:24:57 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.163	49	846007	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.626	114	2319021	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.439	117	2292710m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.751 95 1740055 9.132 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 91.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.703	85	1689834	11.392	ppbv	98
3) Chlorodifluoromethane	2.648	51	1029665	10.147	ppbv	99
4) Chloromethane	2.787	50	656200	10.463	ppbv	100
5) Vinyl Chloride	2.893	62	567989	10.682	ppbv	99
6) Bromomethane	3.092	94	202708	10.448	ppbv	100
7) Chloroethane	3.169	64	216687	10.662	ppbv	100
8) Dichlorotetrafluoroethane	2.832	85	1450841	10.477	ppbv	99
9) Propene	2.668	41	419152	9.942	ppbv	95
10) Heptane	7.552	43	1125758	11.586	ppbv	99
11) Trichlorofluoromethane	3.536	101	1532593	10.353	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.037	101	1142189	10.263	ppbv	97
13) Ethanol	3.217	45	31896m	8.220	ppbv	
14) Bromoethene	3.336	108	450163	10.896	ppbv	99
15) Acetone	3.439	43	1037783	10.228	ppbv	98
16) 1,3-Butadiene	2.957	39	504523	10.666	ppbv	99
17) tert-Butyl alcohol	3.848	59	1049799	11.111	ppbv	99
18) 1,1-Dichloroethene	3.851	96	507443	10.494	ppbv	98
19) Isopropyl Alcohol	3.545	45	537897	10.835	ppbv	99
20) Methylene Chloride	3.906	84	419984	9.382	ppbv	97
21) Allyl Chloride	3.970	41	739745	11.355	ppbv	97
22) trans-1,2-Dichloroethene	4.417	96	509395	10.310	ppbv	97
23) Vinyl Acetate	4.597	43	344484	10.474	ppbv	98
24) 1,1-Dichloroethane	4.536	63	1045879	10.501	ppbv	99
25) Ethyl Acetate	5.176	43	1955499	10.940	ppbv	99
26) Hexane	5.185	57	835305	10.678	ppbv	99
27) Carbon Disulfide	4.095	76	1238811	12.224	ppbv	98
28) Methyl tert-Butyl Ether	4.555	73	957798	10.884	ppbv	99
29) Chloroform	5.246	83	1471823	11.768	ppbv	95
30) Cyclohexane	6.571	84	739476	11.891	ppbv	96
31) cis-1,2-Dichloroethene	5.050	61	819966	10.828	ppbv	97
32) 1,1,1-Trichloroethane	5.976	97	1485703	11.687	ppbv	100
34) 2-Butanone	4.758	43	1177603	10.736	ppbv	100
35) Carbon Tetrachloride	6.462	117	1555779	11.865	ppbv	99
36) Benzene	6.343	78	1873702	10.918	ppbv	98
37) 1,2-Dichloroethane	5.780	62	1165182	10.563	ppbv	99
38) Trichloroethene	7.262	130	1101060	11.305	ppbv	99
39) 1,2-Dichloropropane	7.047	63	713253	10.626	ppbv	97
40) 1,4-Dioxane	7.256	88	298646	11.211	ppbv	95
41) Tetrahydrofuran	5.526	42	724228	11.439	ppbv	99
42) Bromodichloromethane	7.221	83	1675829	11.251	ppbv	99
43) Methyl Methacrylate	7.446	69	756910	12.019	ppbv	97
44) 2,2,4-Trimethylpentane	7.298	57	3085357	10.811	ppbv	99
45) t-1,3-Dichloropropene	8.680	75	743664	13.243	ppbv	96

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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 07 09:11:31 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

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

QLast Update : Tue Jan 31 05:24:57 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.114	75	989682	12.897	ppbv	99
47) 1,1,2-Trichloroethane	8.873	97	787768	11.146	ppbv	98
48) Dibromochloromethane	9.680	129	1370502	12.065	ppbv	100
49) Bromoform	12.384	173	1101711	12.591	ppbv	98
50) 4-Methyl-2-Pentanone	8.153	43	1946344	11.281	ppbv	100
51) 2-Hexanone	9.526	43	1523908	11.658	ppbv #	97
52) Tetrachloroethene	10.590	164	649253	11.565	ppbv	98
53) Toluene	9.195	91	2158521	11.793	ppbv	100
54) 1,2-Dibromoethane	9.979	107	898000	12.137	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.484	131	967909	10.847	ppbv	99
57) Chlorobenzene	11.503	112	1684026	10.776	ppbv	95
58) Ethyl Benzene	12.063	91	2958485	11.563	ppbv	99
59) m/p-Xylene	12.349	91	5106194m	22.196	ppbv	
60) o-Xylene	13.034	91	2435010	11.151	ppbv	99
61) Styrene	12.873	104	1425983	12.532	ppbv	98
62) Isopropylbenzene	14.008	105	3410403	10.858	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.024	83	831756	10.491	ppbv	99
64) n-propylbenzene	14.892	120	871615	11.164	ppbv	100
65) tert-Butylbenzene	16.069	119	2998107	11.150	ppbv	98
66) Benzyl Chloride	16.304	91	227024	12.354	ppbv #	97
67) sec-Butylbenzene	16.609	105	4202171	11.023	ppbv	100
69) p-Isopropyltoluene	16.973	119	3392450	11.325	ppbv	100
70) n-Butylbenzene	17.863	91	3645657	11.285	ppbv	99
71) 2-Chlorotoluene	14.777	91	2673195	11.066	ppbv	100
72) 4-Ethyltoluene	15.169	105	2799306	11.553	ppbv	99
73) 1,3,5-Trimethylbenzene	15.330	105	2457089	11.262	ppbv	100
74) 1,2,4-Trimethylbenzene	16.085	105	2669576	11.046	ppbv	98
75) 1,3-Dichlorobenzene	16.310	146	1481317	11.036	ppbv	100
76) 1,4-Dichlorobenzene	16.452	146	1454858	11.024	ppbv	100
77) 1,2-Dichlorobenzene	17.120	146	1412769	11.006	ppbv	99
78) Hexachloro-1,3-Butadiene	22.612	225	921460	9.801	ppbv	100
79) Naphthalene	21.358	128	1922008	13.883	ppbv	100
80) Naphthalene,2-methyl-	24.358	142	652270	13.982	ppbv	98
81) 1,2,4-Trichlorobenzene	21.117	180	1003731	11.763	ppbv	98

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

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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

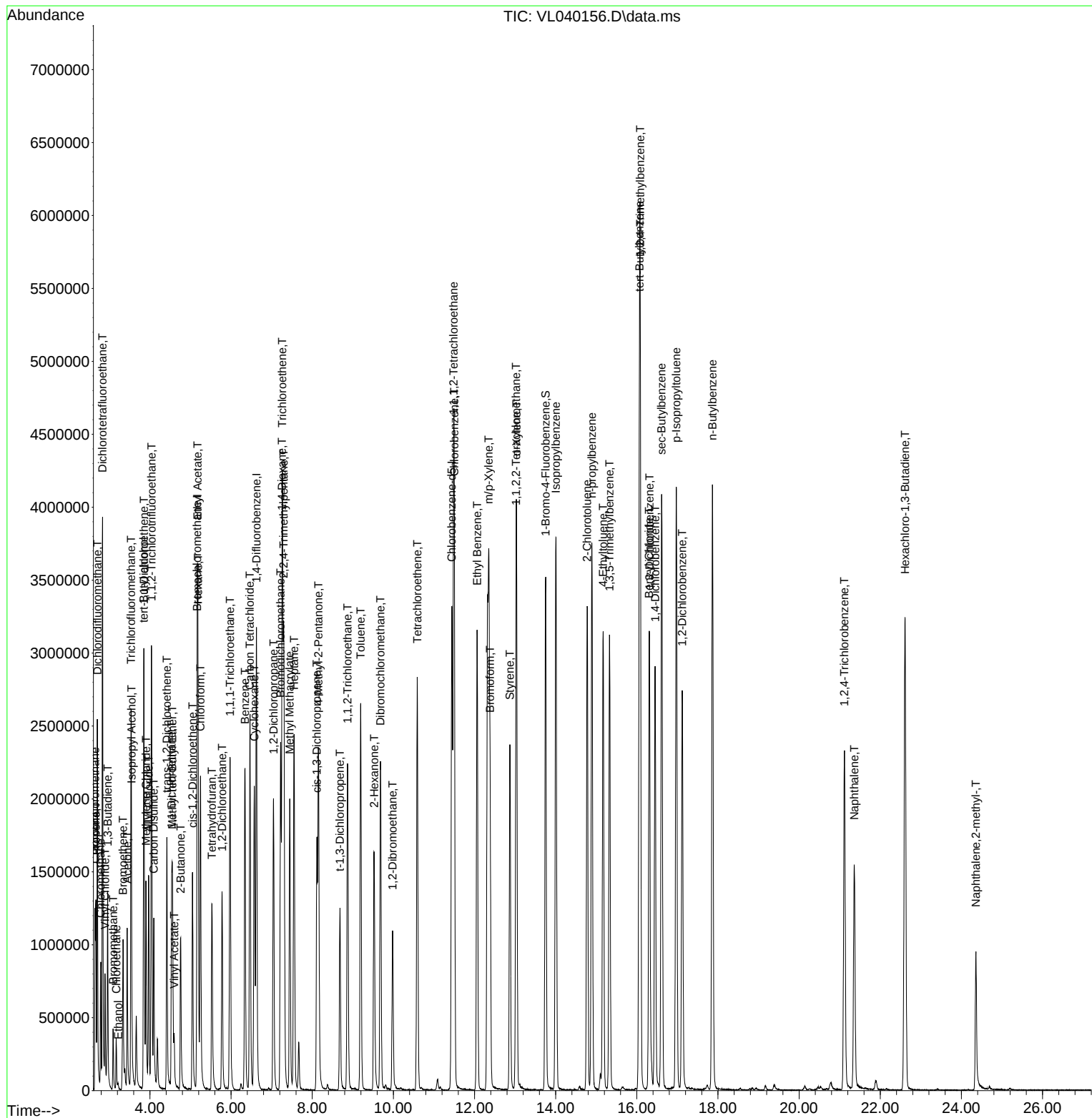
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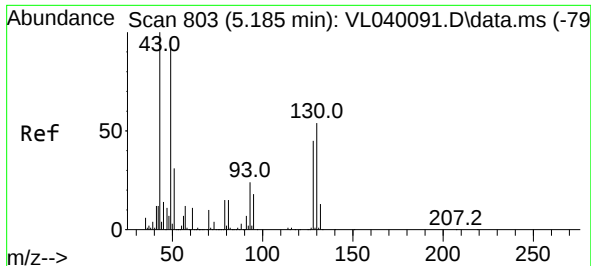
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug

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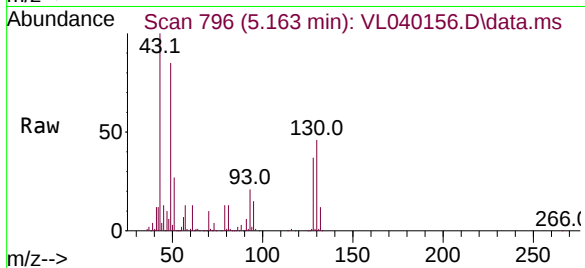
Response via : Initial Calibration





#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.163 min Scan# 79
 Delta R.T. -0.016 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40

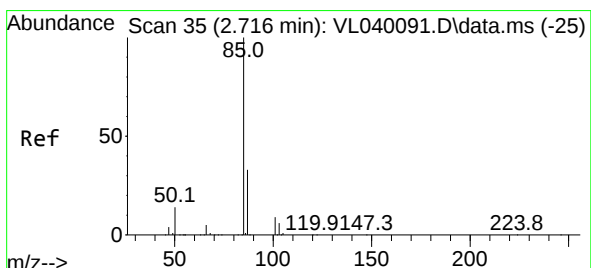
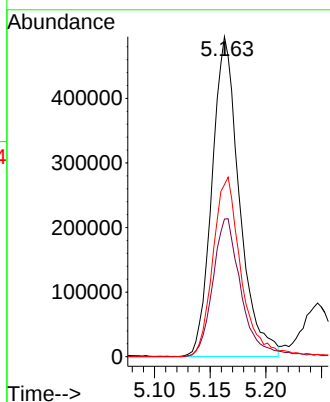
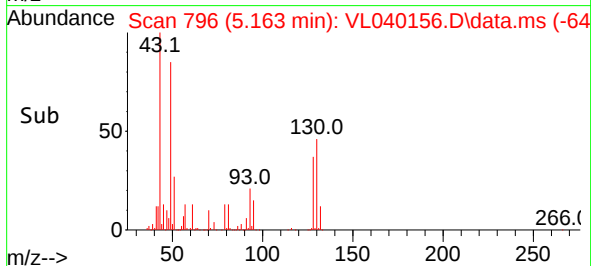
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 49 Resp: 84600
 Ion Ratio Lower Upper
 49 100
 128 45.7 23.6 71.0
 130 59.2 29.8 89.3

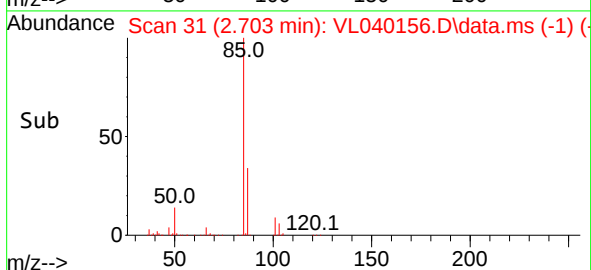
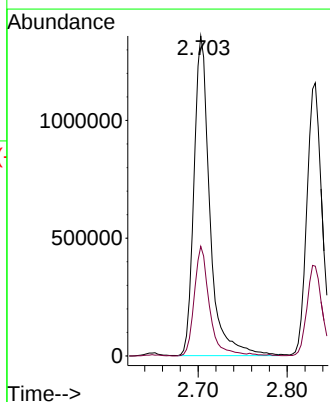
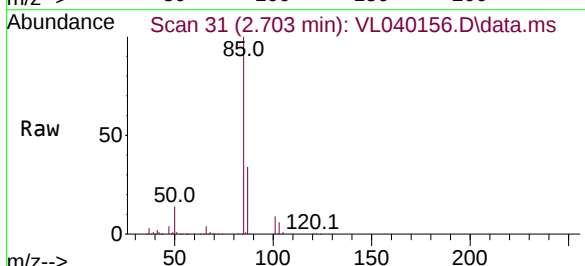
Manual Integrations
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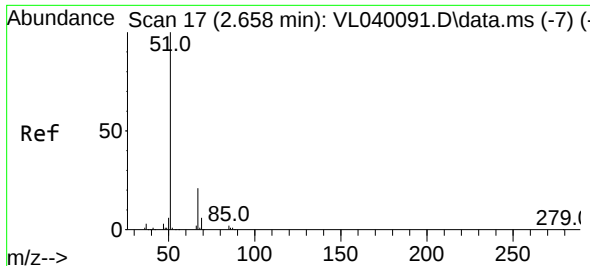
Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#2
 Dichlorodifluoromethane
 Concen: 11.392 ppbv
 RT: 2.703 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40

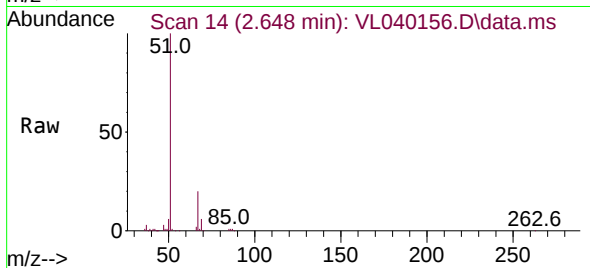
Tgt Ion: 85 Resp: 1689834
 Ion Ratio Lower Upper
 85 100
 87 34.3 26.5 39.7





#3
Chlorodifluoromethane
Concen: 10.147 ppbv
RT: 2.648 min Scan# 14
Delta R.T. -0.006 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

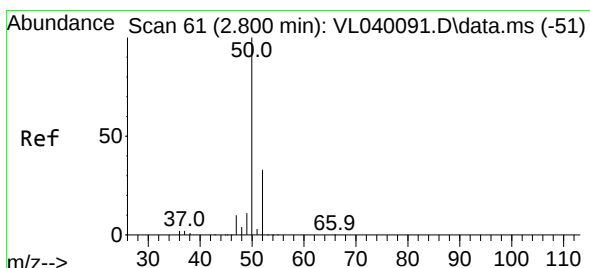
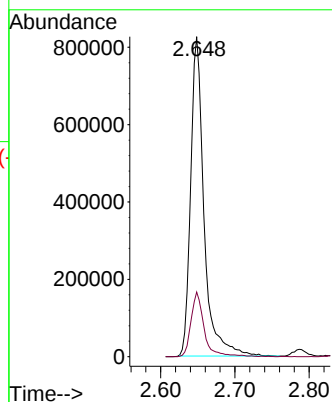
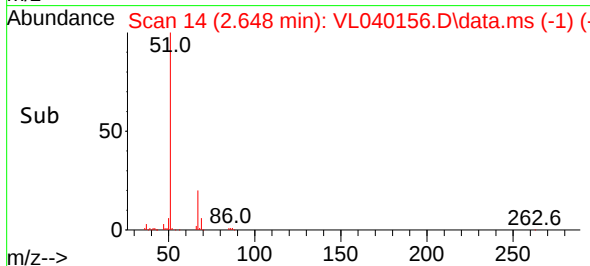
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



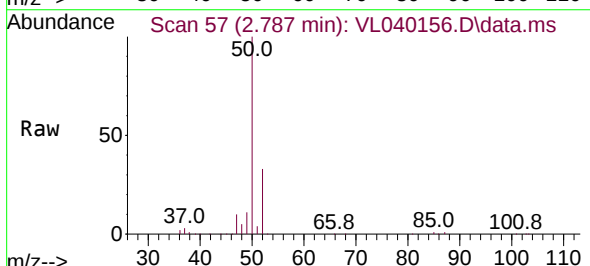
Tgt Ion: 51 Resp: 102966
Ion Ratio Lower Upper
51 100
67 20.1 16.4 24.6

Manual Integrations
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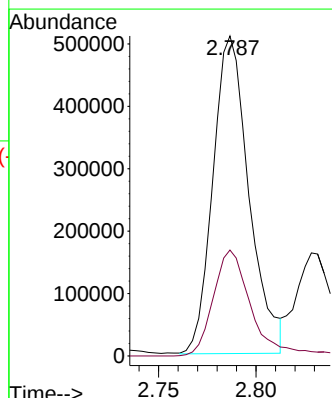
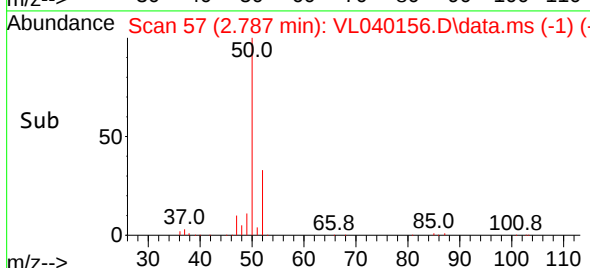
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

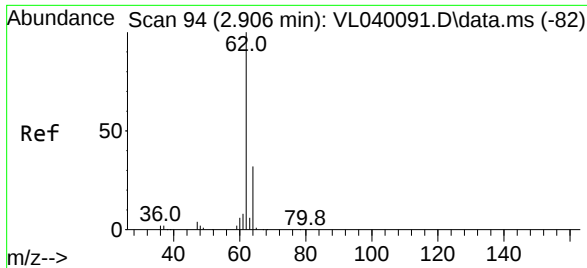


#4
Chloromethane
Concen: 10.463 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.006 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40



Tgt Ion: 50 Resp: 656200
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7





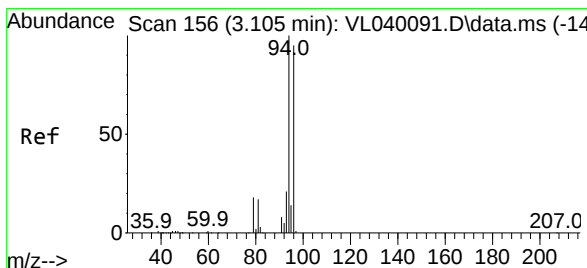
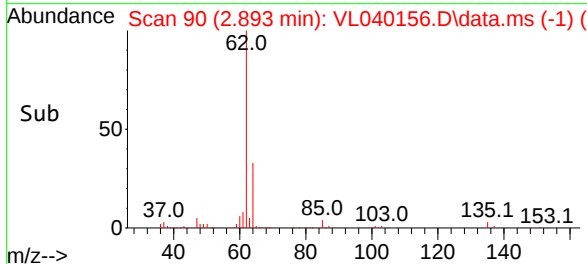
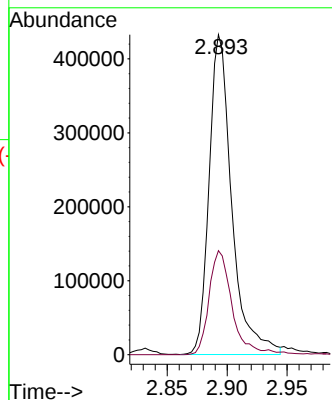
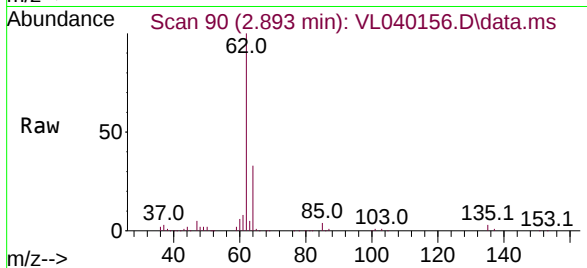
#5
 Vinyl Chloride
 Concen: 10.682 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. -0.010 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 567989
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.8 38.6

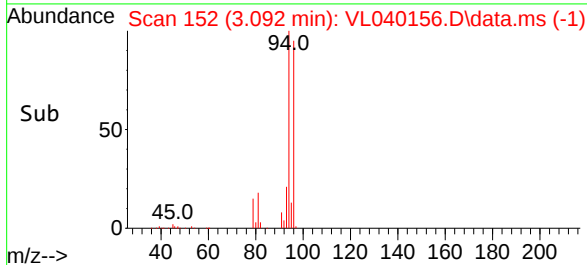
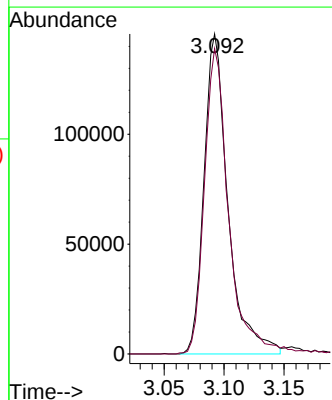
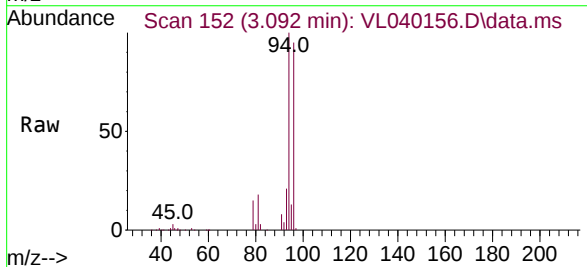
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#6
 Bromomethane
 Concen: 10.448 ppbv
 RT: 3.092 min Scan# 152
 Delta R.T. -0.010 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40

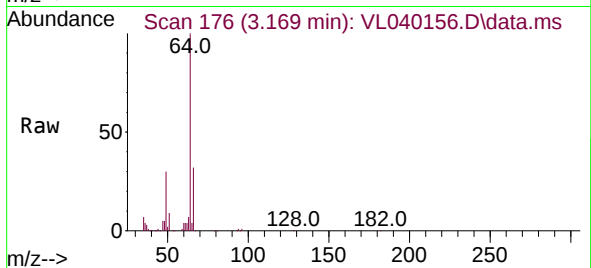
Tgt Ion: 94 Resp: 202708
 Ion Ratio Lower Upper
 94 100
 96 95.1 76.2 114.2





#7
Chloroethane
Concen: 10.662 ppbv
RT: 3.169 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

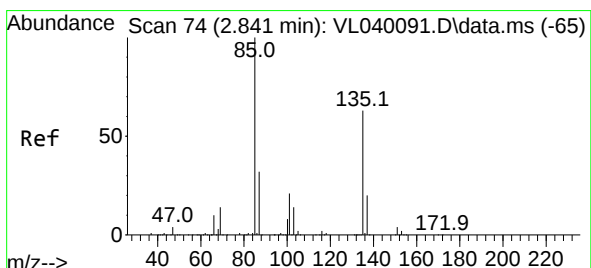
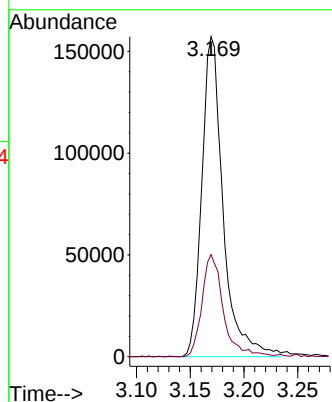
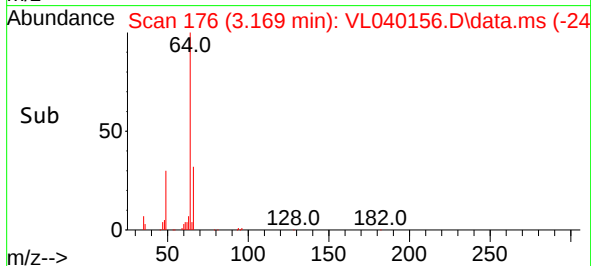
Instrument :
MSVOA_L
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VSTDCCC010EC



Tgt Ion: 64 Resp: 21668
Ion Ratio Lower Upper
64 100
66 31.9 25.6 38.4

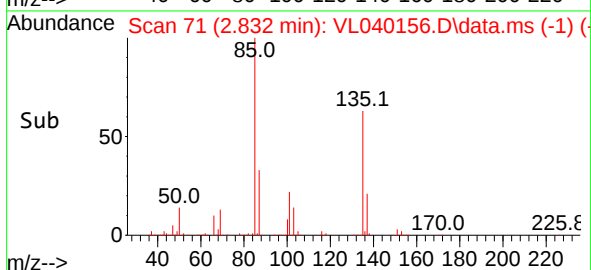
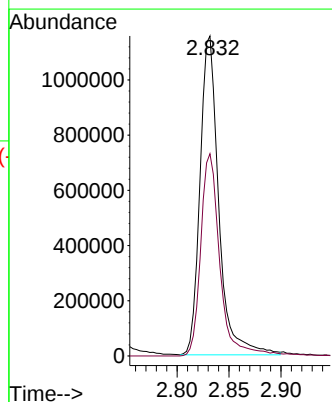
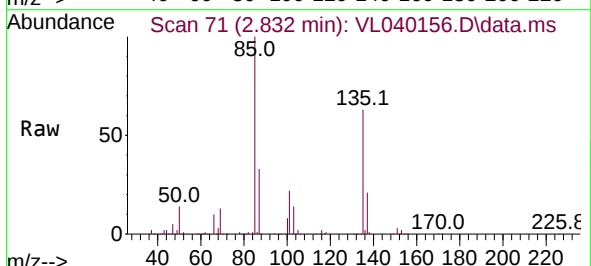
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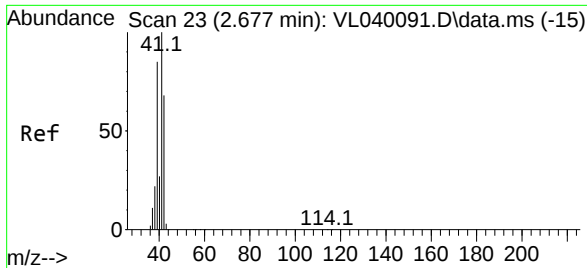
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#8
Dichlorotetrafluoroethane
Concen: 10.477 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.006 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

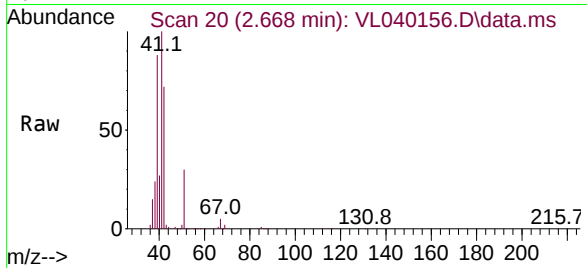
Tgt Ion: 85 Resp: 1450841
Ion Ratio Lower Upper
85 100
135 65.4 51.4 77.2





#9
 Propene
 Concen: 9.942 ppbv
 RT: 2.668 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40

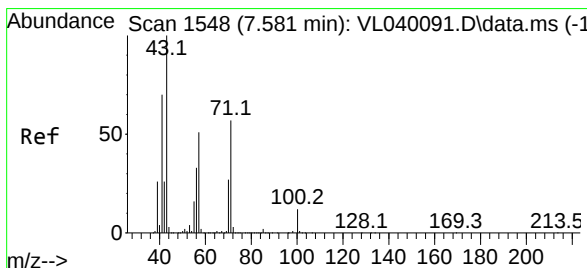
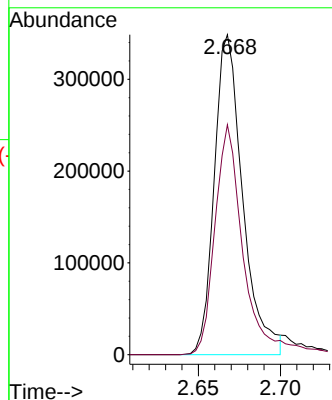
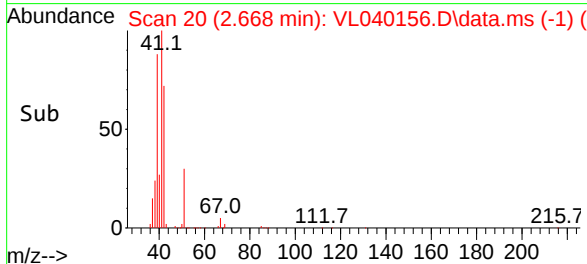
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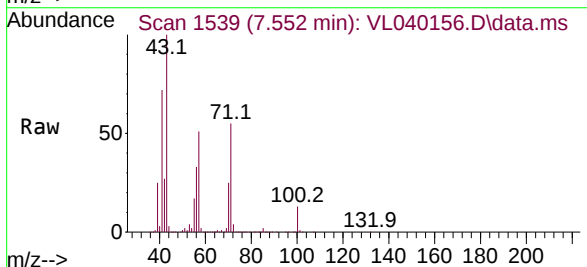
Tgt Ion: 41 Resp: 419152
 Ion Ratio Lower Upper
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 42 73.2 55.6 83.4

Manual Integrations
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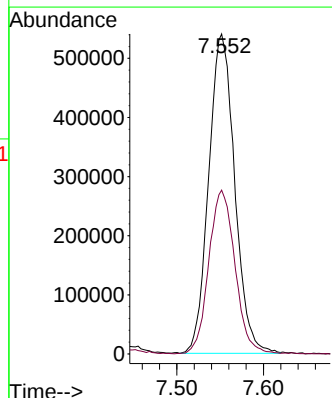
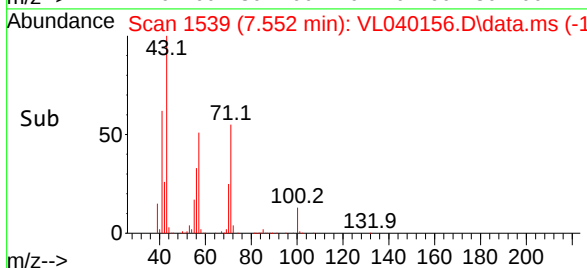
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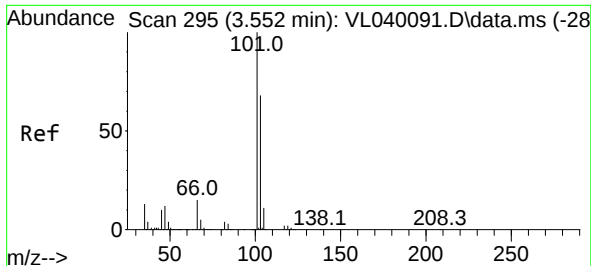


#10
 Heptane
 Concen: 11.586 ppbv
 RT: 7.552 min Scan# 1539
 Delta R.T. -0.016 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40



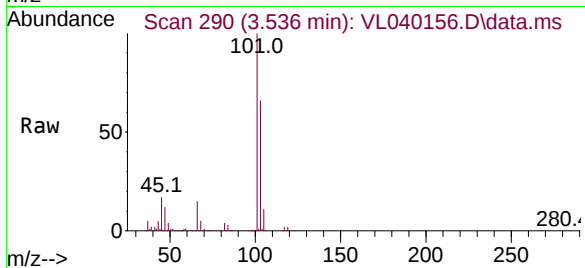
Tgt Ion: 43 Resp: 1125758
 Ion Ratio Lower Upper
 43 100
 57 51.8 40.9 61.3





#11
 Trichlorofluoromethane
 Concen: 10.353 ppbv
 RT: 3.536 min Scan# 295
 Delta R.T. -0.010 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40

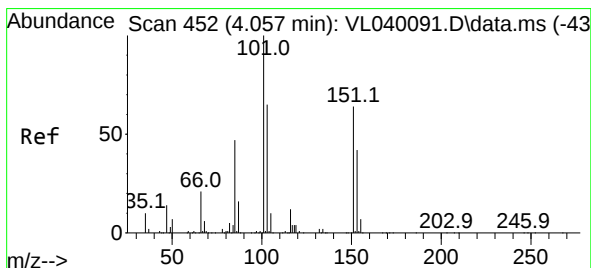
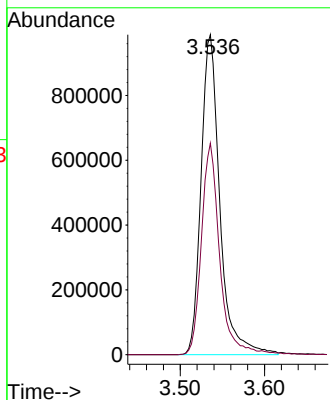
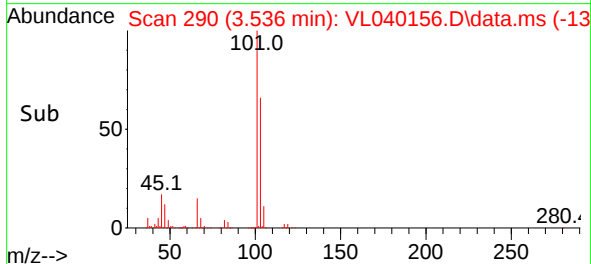
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



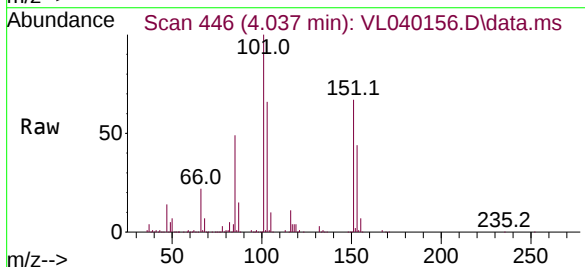
Tgt Ion:101 Resp: 153259
 Ion Ratio Lower Upper
 101 100
 103 66.1 54.0 81.0

Manual Integrations
 APPROVED

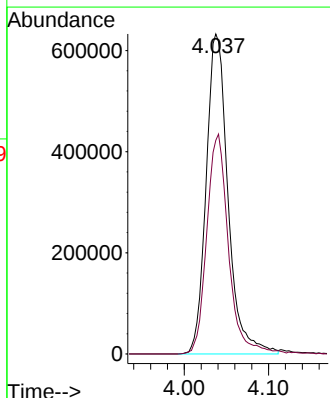
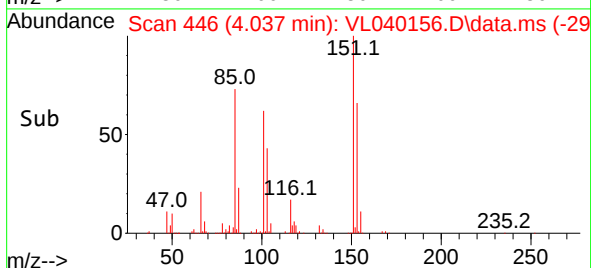
Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023

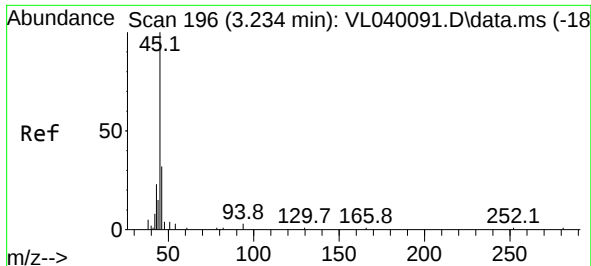


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.263 ppbv
 RT: 4.037 min Scan# 446
 Delta R.T. -0.010 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40



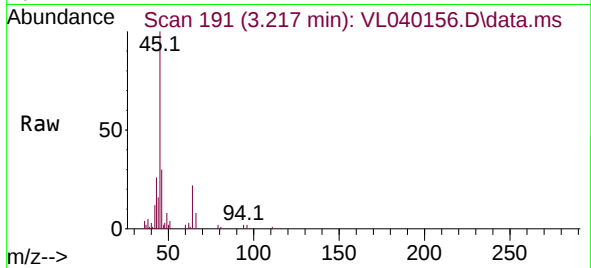
Tgt Ion:101 Resp: 1142189
 Ion Ratio Lower Upper
 101 100
 151 68.7 53.2 79.8





#13
Ethanol
Concen: 8.220 ppbv m
RT: 3.217 min Scan# 196
Delta R.T. -0.010 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

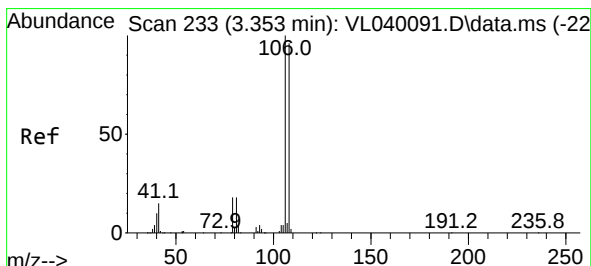
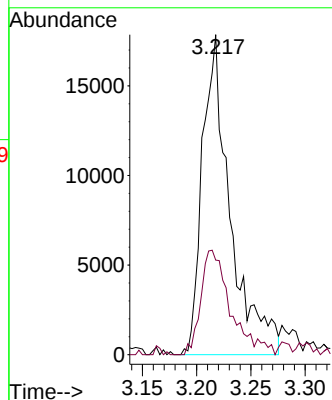
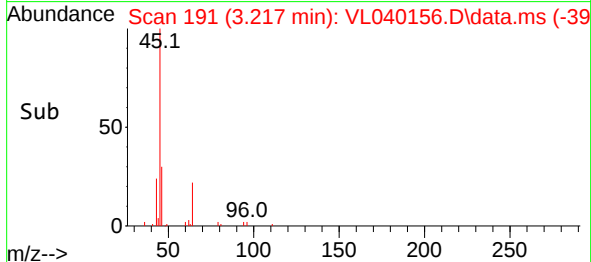
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



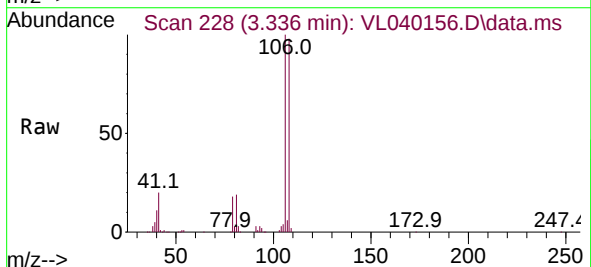
Tgt Ion: 45 Resp: 31890
Ion Ratio Lower Upper
45 100
46 39.0 14.8 59.2

Manual Integrations
APPROVED

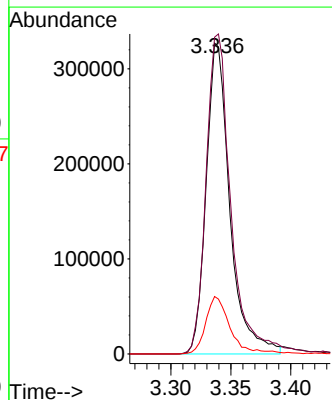
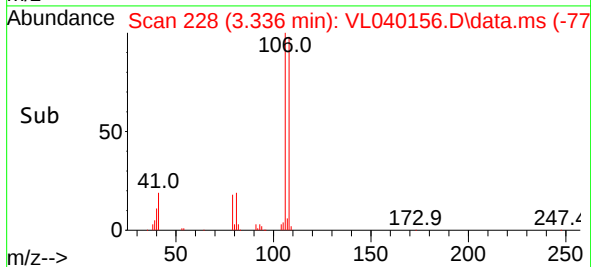
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

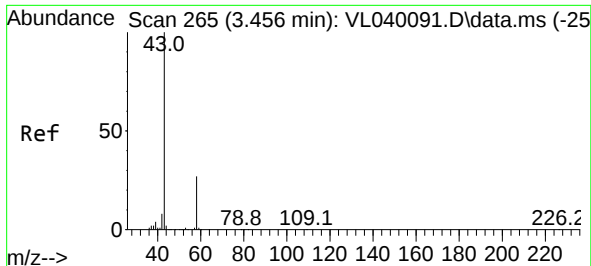


#14
Bromoethene
Concen: 10.896 ppbv
RT: 3.336 min Scan# 228
Delta R.T. -0.013 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40



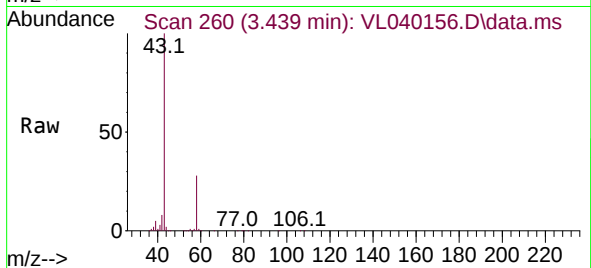
Tgt Ion:108 Resp: 450163
Ion Ratio Lower Upper
108 100
106 109.8 87.0 130.6
79 19.6 16.1 24.1





#15
Acetone
Concen: 10.228 ppbv
RT: 3.439 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

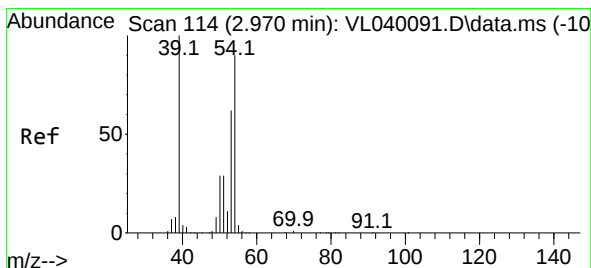
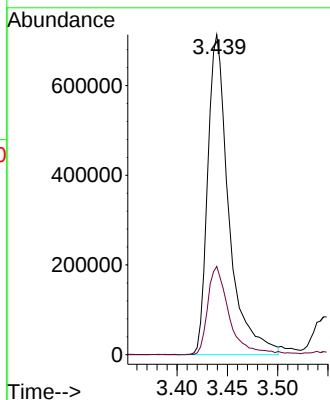
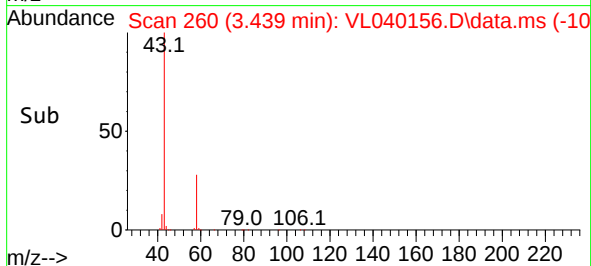
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 103778
Ion Ratio Lower Upper
43 100
58 28.3 21.8 32.8

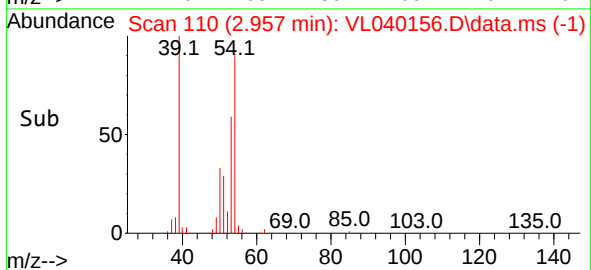
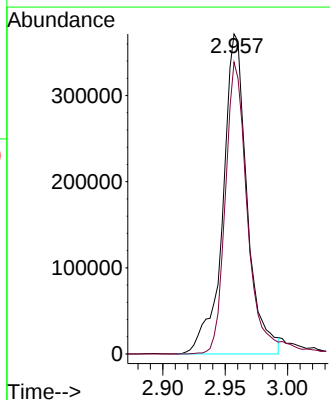
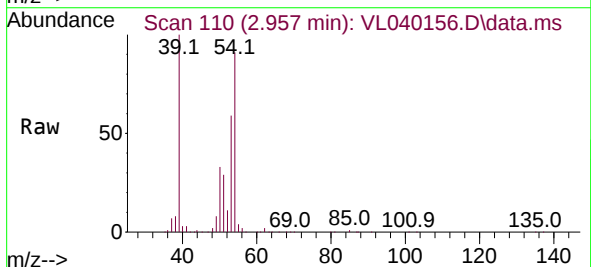
Manual Integrations
APPROVED

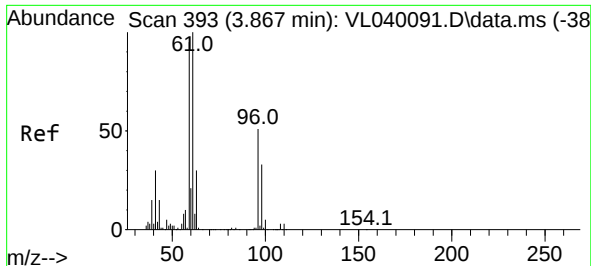
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#16
1,3-Butadiene
Concen: 10.666 ppbv
RT: 2.957 min Scan# 110
Delta R.T. -0.010 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

Tgt Ion: 39 Resp: 504523
Ion Ratio Lower Upper
39 100
54 85.8 67.9 101.9





#17

tert-Butyl alcohol

Concen: 11.111 ppbv

RT: 3.848 min Scan# 387

Delta R.T. -0.013 min

Lab File: VL040156.D

Acq: 7 Feb 2023 8:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 104979

Ion Ratio Lower Upper

59 100

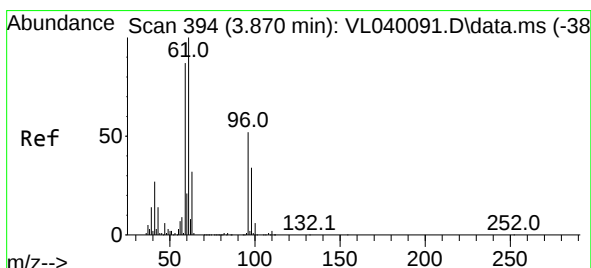
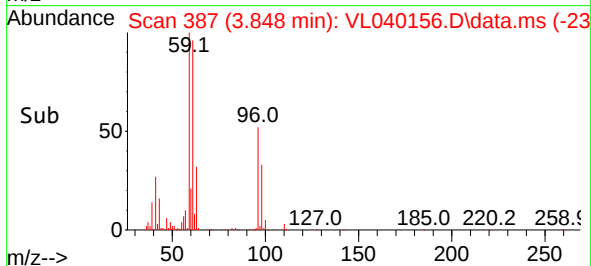
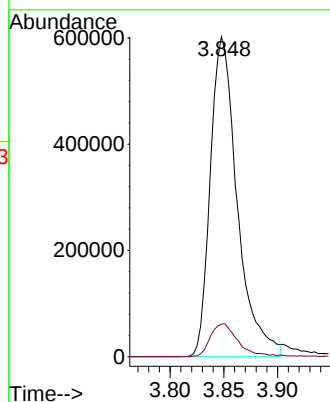
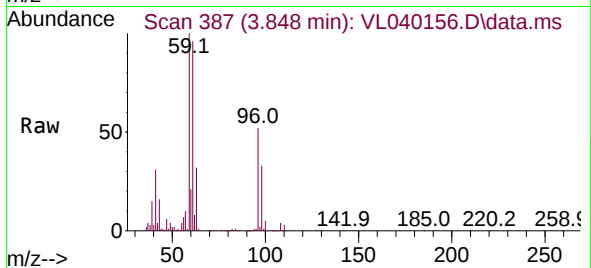
57 11.1 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#18

1,1-Dichloroethene

Concen: 10.494 ppbv

RT: 3.851 min Scan# 388

Delta R.T. -0.013 min

Lab File: VL040156.D

Acq: 7 Feb 2023 8:40

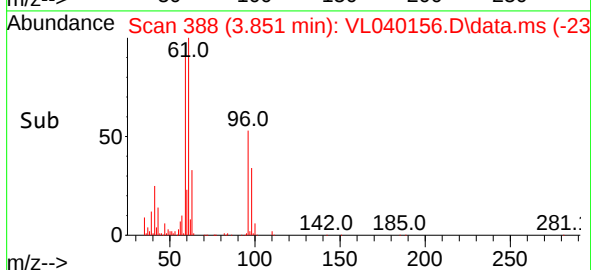
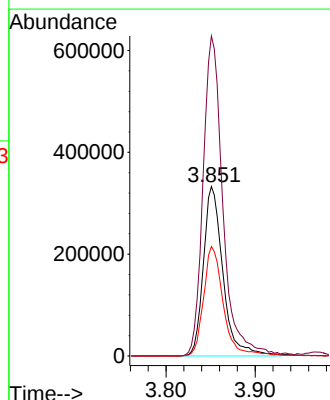
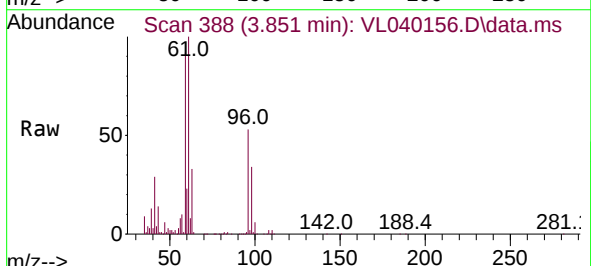
Tgt Ion: 96 Resp: 507443

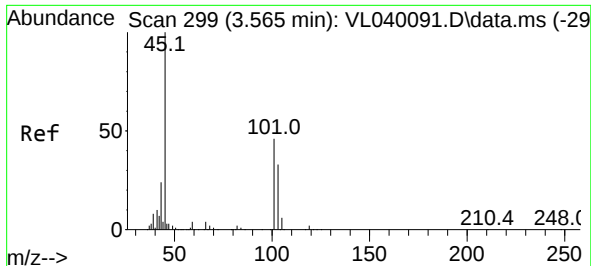
Ion Ratio Lower Upper

96 100

61 188.8 153.0 229.4

98 64.6 52.7 79.1





#19

Isopropyl Alcohol

Concen: 10.835 ppbv

RT: 3.545 min Scan# 29

Delta R.T. -0.013 min

Lab File: VL040156.D

Acq: 7 Feb 2023 8:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 45 Resp: 53789

Ion Ratio Lower Upper

45 100

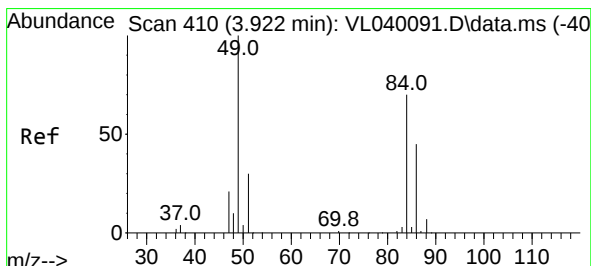
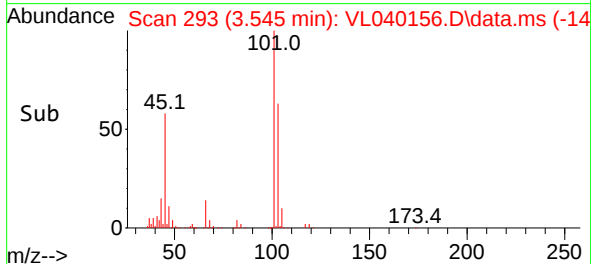
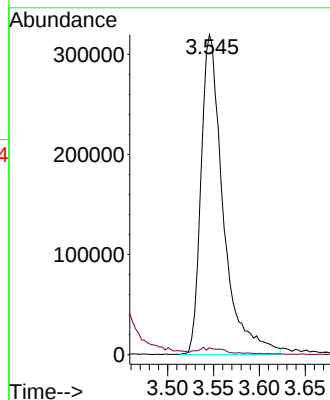
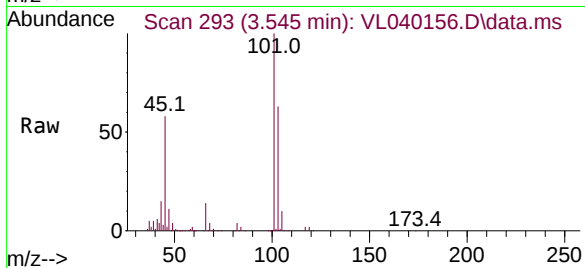
58 2.9 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#20

Methylene Chloride

Concen: 9.382 ppbv

RT: 3.906 min Scan# 405

Delta R.T. -0.010 min

Lab File: VL040156.D

Acq: 7 Feb 2023 8:40

Tgt Ion: 84 Resp: 419984

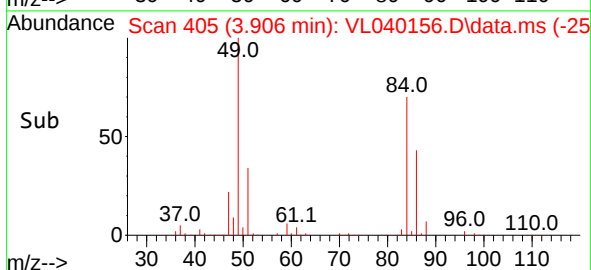
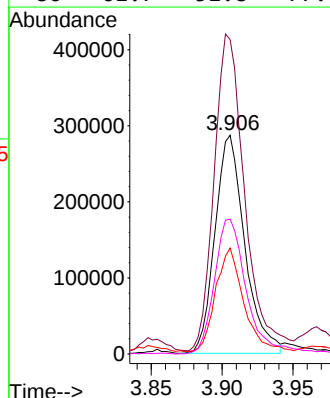
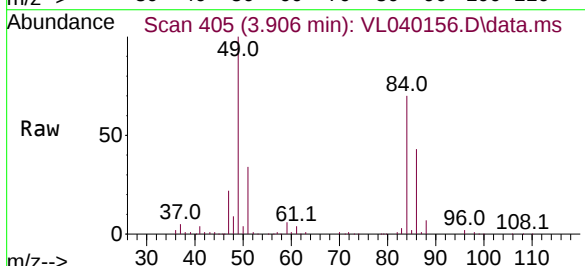
Ion Ratio Lower Upper

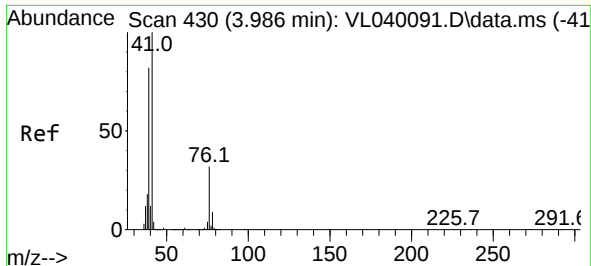
84 100

49 142.3 114.6 171.8

51 47.1 34.3 51.5

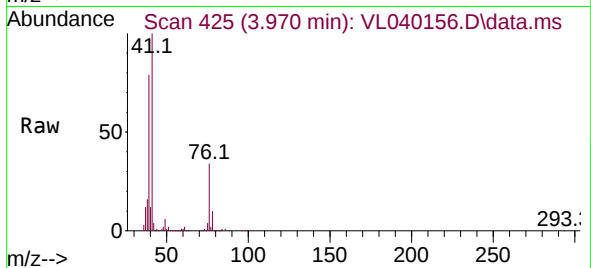
86 61.7 51.8 77.8





#21
 Allyl Chloride
 Concen: 11.355 ppbv
 RT: 3.970 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40

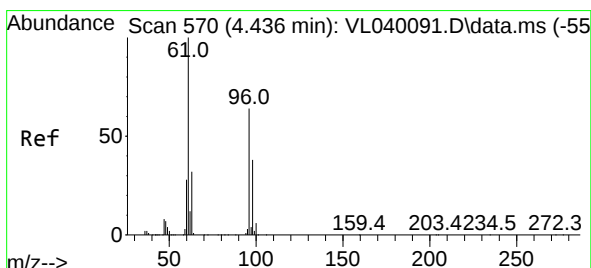
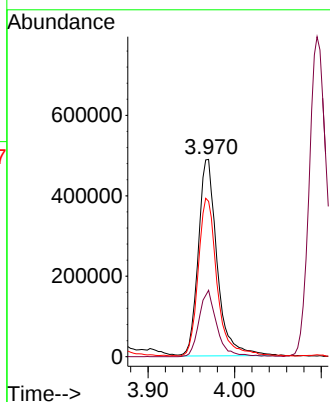
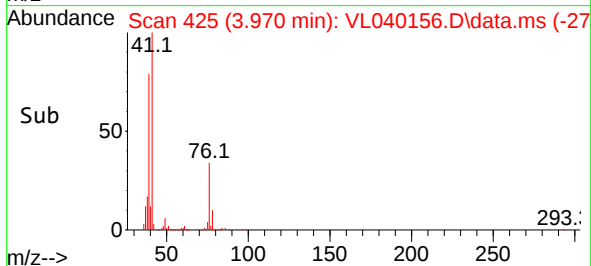
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 739745
 Ion Ratio Lower Upper
 41 100
 76 32.0 25.9 38.9
 39 80.6 66.8 100.2

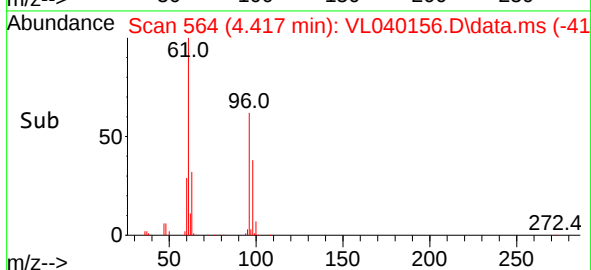
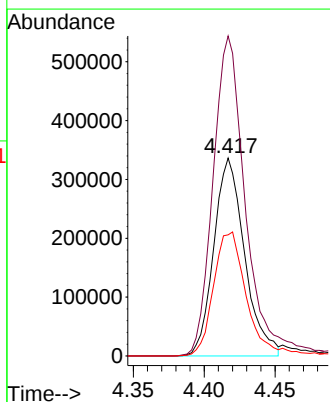
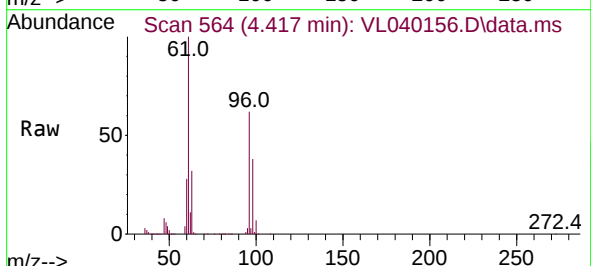
Manual Integrations
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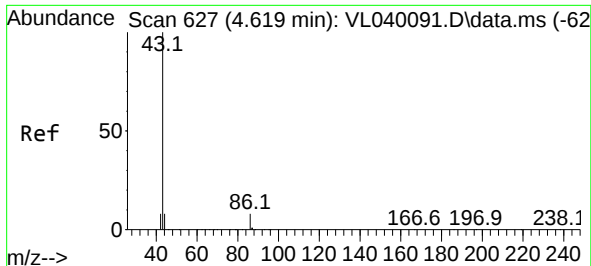
Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.310 ppbv
 RT: 4.417 min Scan# 564
 Delta R.T. -0.013 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40

Tgt Ion: 96 Resp: 509395
 Ion Ratio Lower Upper
 96 100
 61 161.5 125.8 188.8
 98 61.1 47.4 71.2





#23
 Vinyl Acetate
 Concen: 10.474 ppbv
 RT: 4.597 min Scan# 61
 Delta R.T. -0.016 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40

Instrument :

MSVOA_L

ClientSampleId :

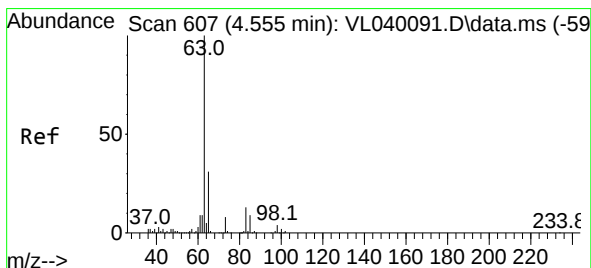
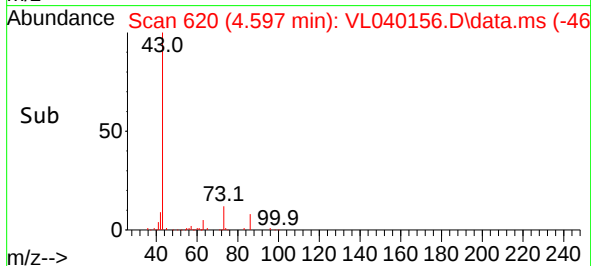
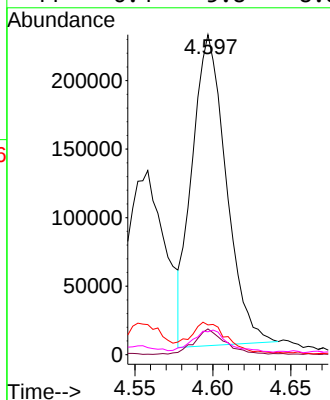
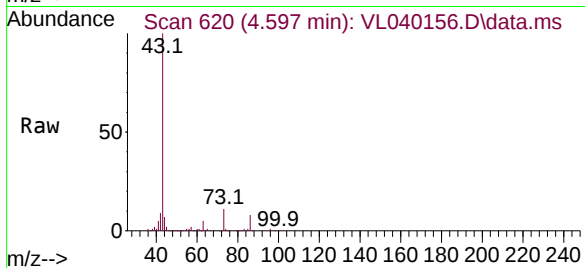
VSTDCCC010EC

Tgt Ion: 43 Resp: 344484
 Ion Ratio Lower Upper
 43 100
 86 8.2 5.6 8.4
 42 9.1 7.7 11.5
 44 6.4 5.8 8.8

Manual Integrations

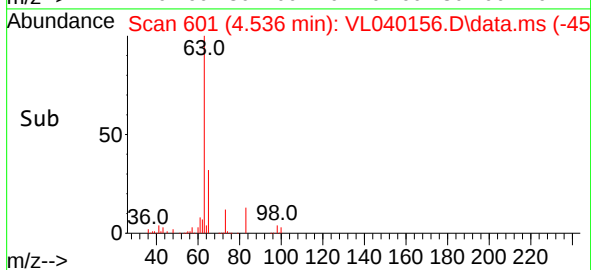
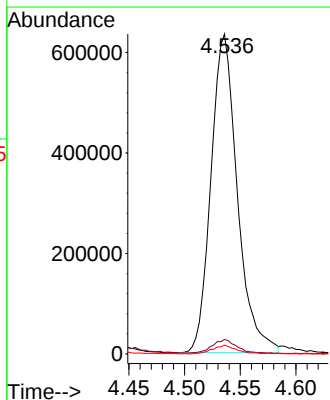
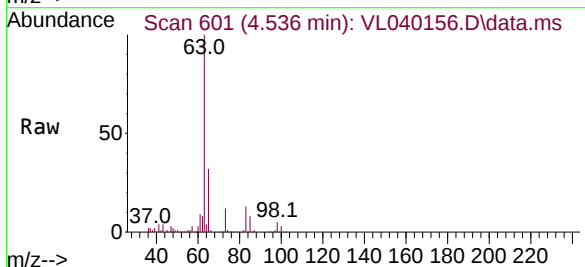
APPROVED

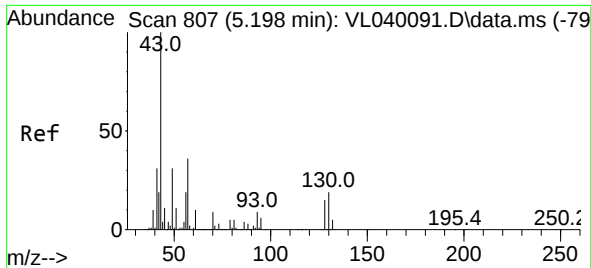
Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#24
 1,1-Dichloroethane
 Concen: 10.501 ppbv
 RT: 4.536 min Scan# 601
 Delta R.T. -0.013 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40

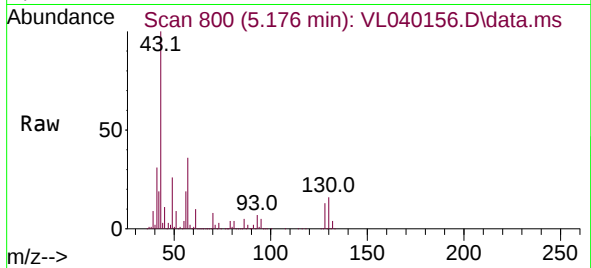
Tgt Ion: 63 Resp: 1045879
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.0 5.8
 100 2.7 1.1 3.5





#25
Ethyl Acetate
Concen: 10.940 ppbv
RT: 5.176 min Scan# 801
Delta R.T. -0.013 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

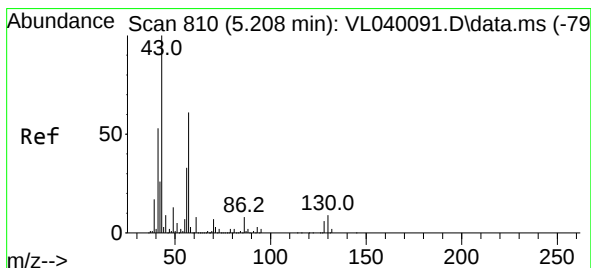
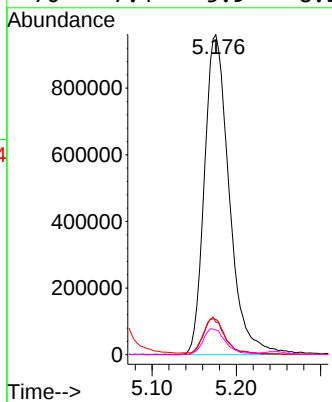
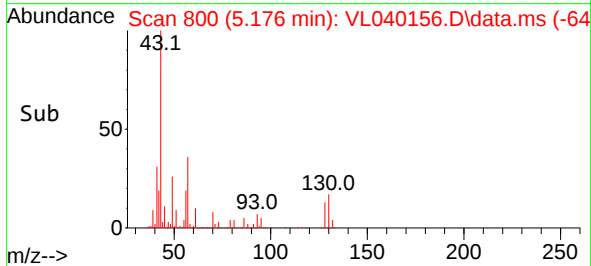
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1955499
Ion Ratio Lower Upper
43 100
45 10.6 8.5 12.7
61 11.1 8.4 12.6
70 7.4 5.9 8.9

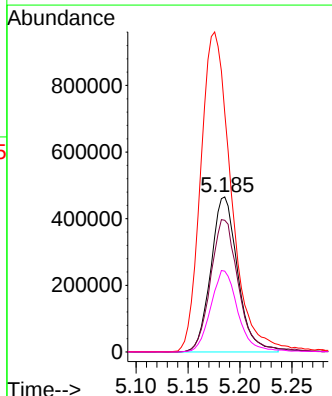
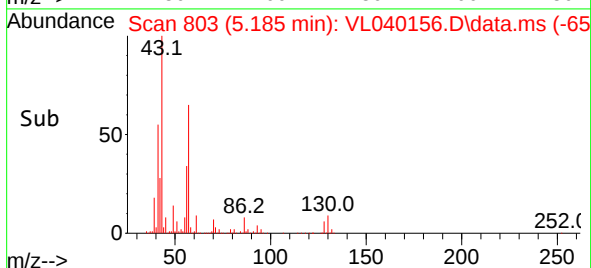
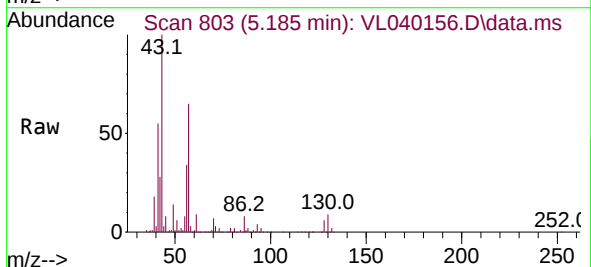
Manual Integrations
APPROVED

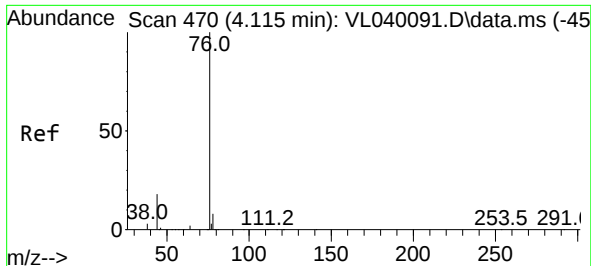
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#26
Hexane
Concen: 10.678 ppbv
RT: 5.185 min Scan# 803
Delta R.T. -0.013 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

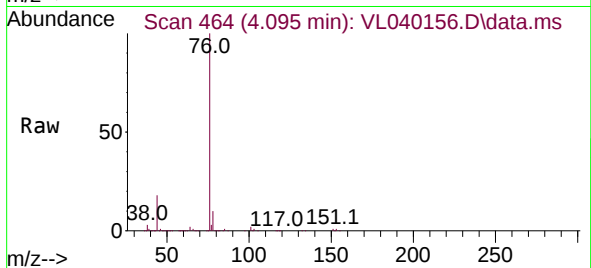
Tgt Ion: 57 Resp: 835305
Ion Ratio Lower Upper
57 100
41 90.5 72.2 108.4
43 237.0 192.1 288.1
56 53.9 42.9 64.3





#27
Carbon Disulfide
Concen: 12.224 ppbv
RT: 4.095 min Scan# 40
Delta R.T. -0.013 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

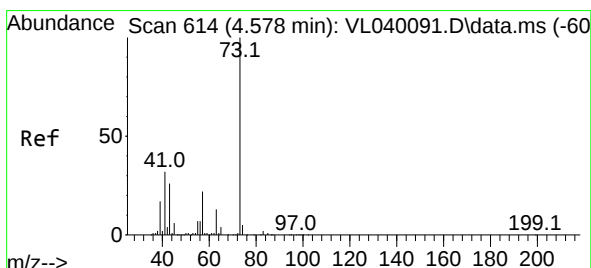
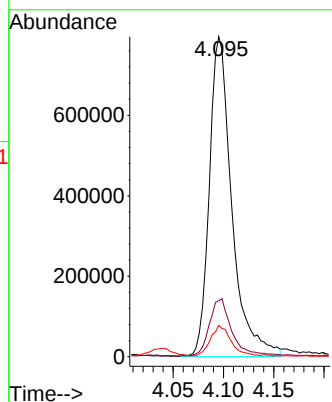
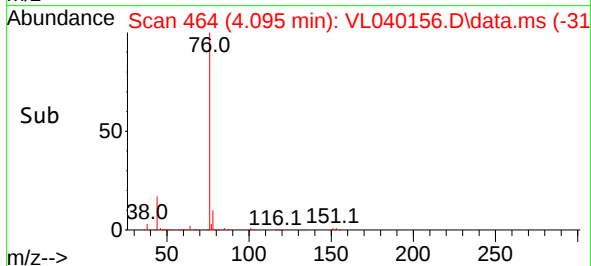
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 123881
Ion Ratio Lower Upper
76 100
44 17.7 14.9 22.3
78 9.8 8.2 12.2

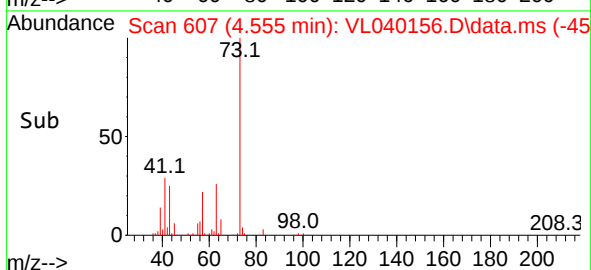
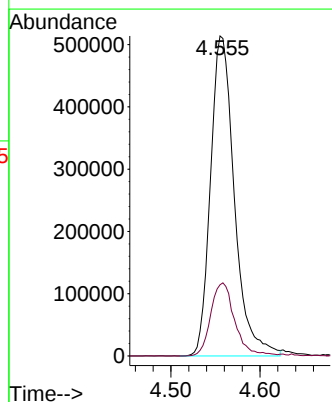
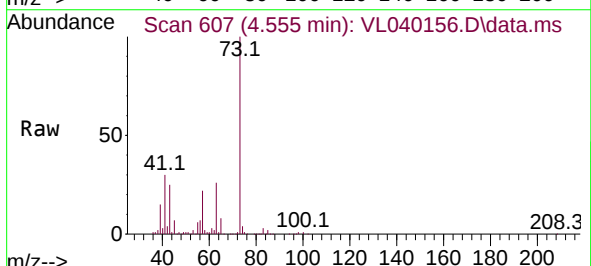
Manual Integrations
APPROVED

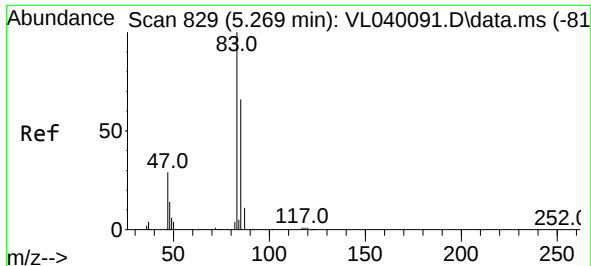
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#28
Methyl tert-Butyl Ether
Concen: 10.884 ppbv
RT: 4.555 min Scan# 607
Delta R.T. -0.013 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

Tgt Ion: 73 Resp: 957798
Ion Ratio Lower Upper
73 100
57 23.4 18.3 27.5





#29

Chloroform

Concen: 11.768 ppbv

RT: 5.246 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040156.D

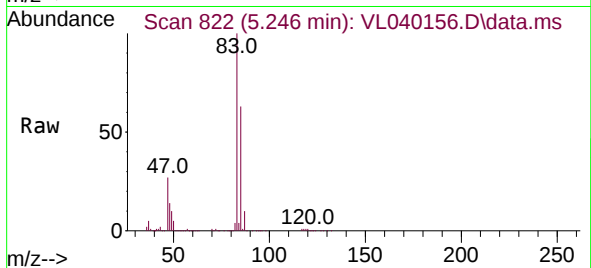
Acq: 7 Feb 2023 8:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDC010EC



Tgt Ion: 83 Resp: 147182

Ion Ratio Lower Upper

83 100

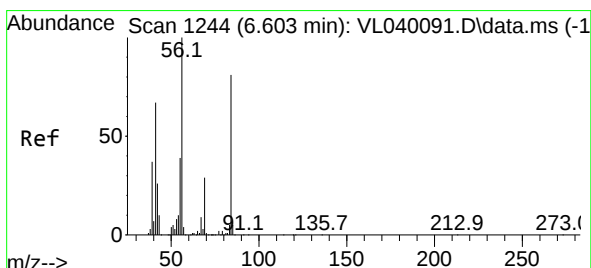
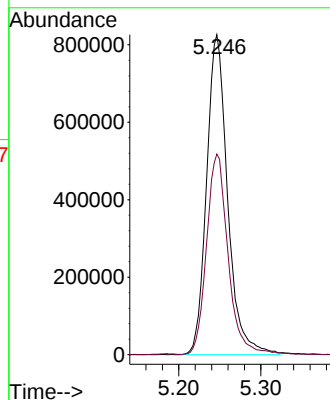
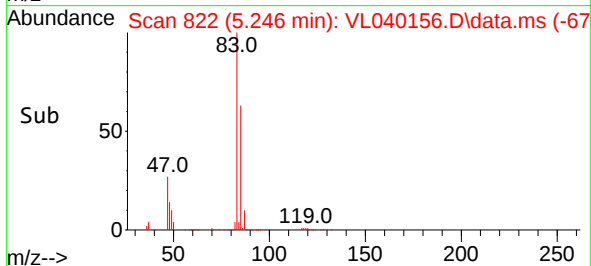
85 62.6 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#30

Cyclohexane

Concen: 11.891 ppbv

RT: 6.571 min Scan# 1234

Delta R.T. -0.019 min

Lab File: VL040156.D

Acq: 7 Feb 2023 8:40

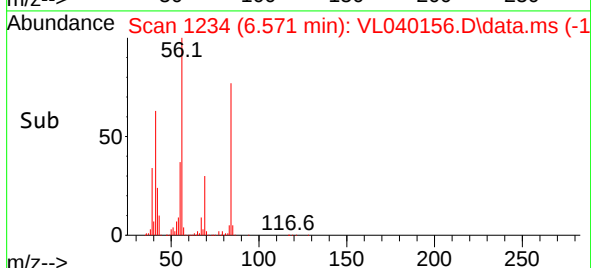
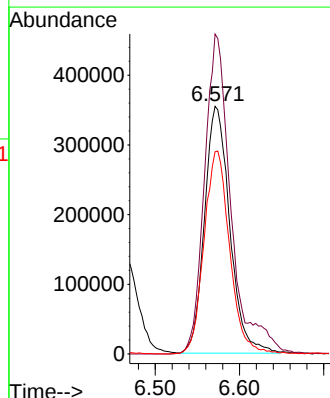
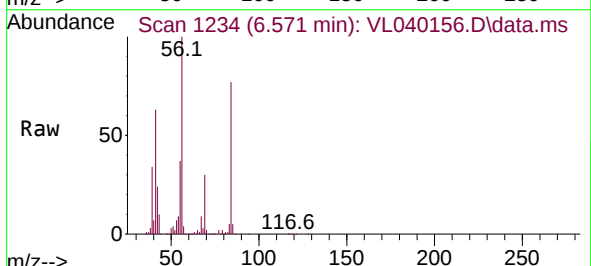
Tgt Ion: 84 Resp: 739476

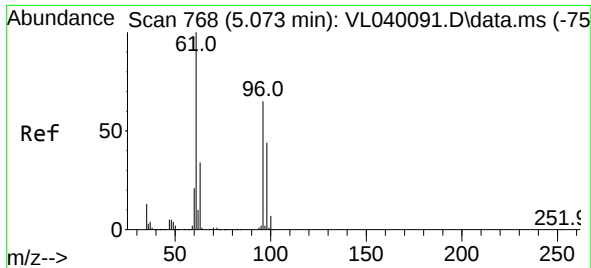
Ion Ratio Lower Upper

84 100

56 136.2 111.5 167.3

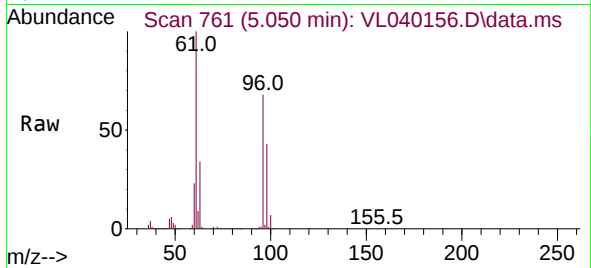
41 83.6 71.4 107.0





#31
 cis-1,2-Dichloroethene
 Concen: 10.828 ppbv
 RT: 5.050 min Scan# 701
 Delta R.T. -0.013 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40

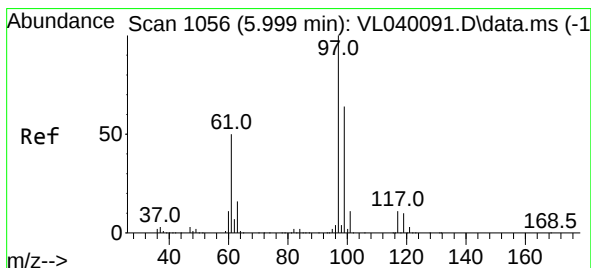
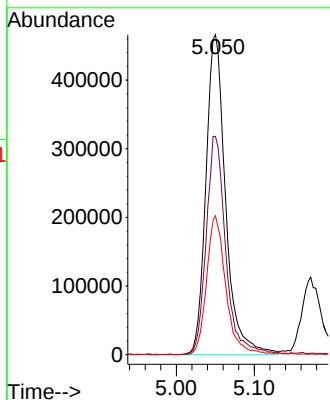
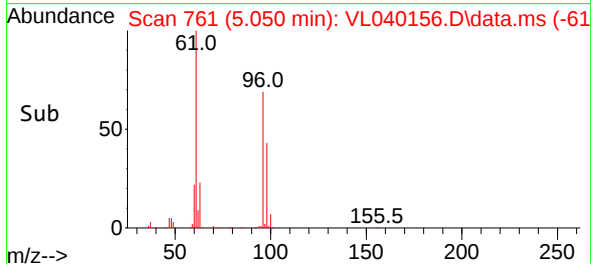
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 819960
 Ion Ratio Lower Upper
 61 100
 96 68.1 52.0 78.0
 98 43.4 35.3 52.9

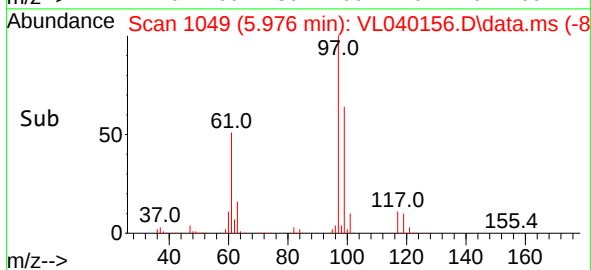
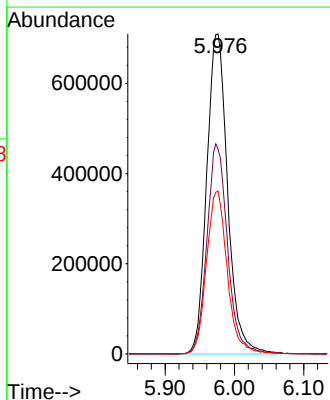
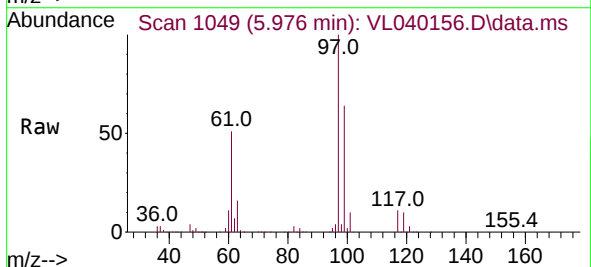
Manual Integrations
 APPROVED

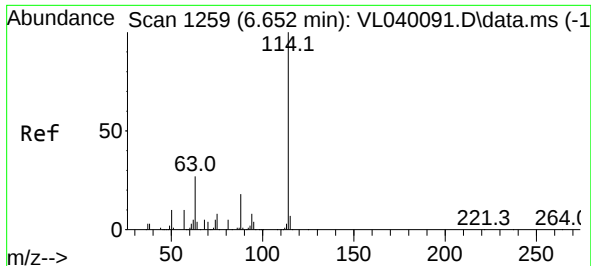
Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#32
 1,1,1-Trichloroethane
 Concen: 11.687 ppbv
 RT: 5.976 min Scan# 1049
 Delta R.T. -0.013 min
 Lab File: VL040156.D
 Acq: 7 Feb 2023 8:40

Tgt Ion: 97 Resp: 1485703
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.8 77.6
 61 50.5 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL040156.D

Acq: 7 Feb 2023 8:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 231902

Ion Ratio Lower Upper

114 100

63 26.2 21.8 32.8

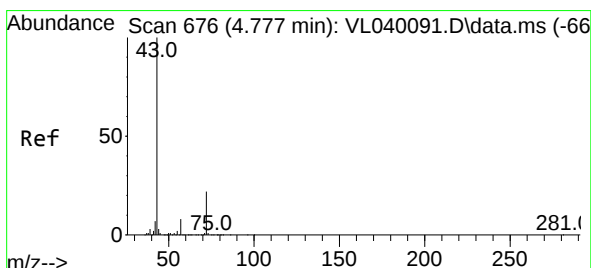
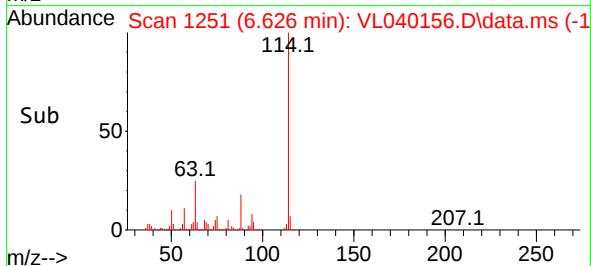
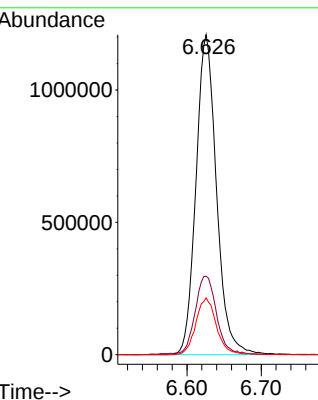
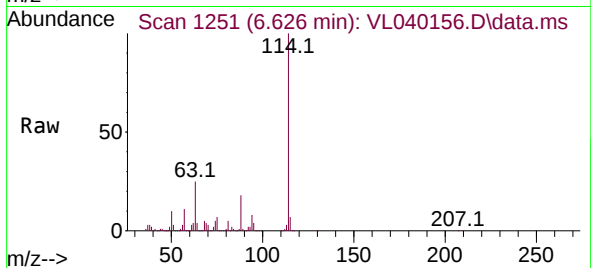
88 17.8 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#34

2-Butanone

Concen: 10.736 ppbv

RT: 4.758 min Scan# 670

Delta R.T. -0.013 min

Lab File: VL040156.D

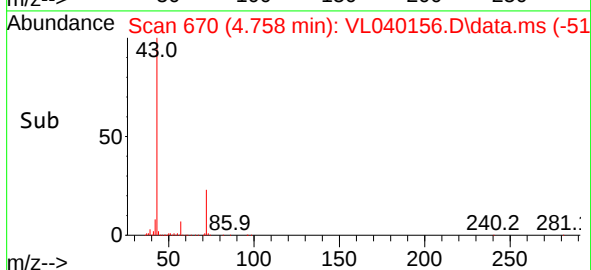
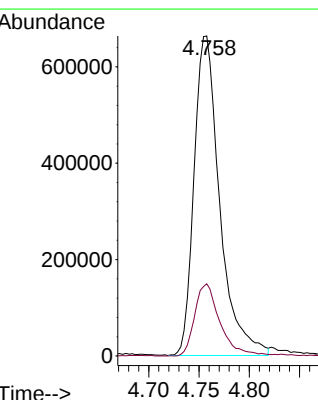
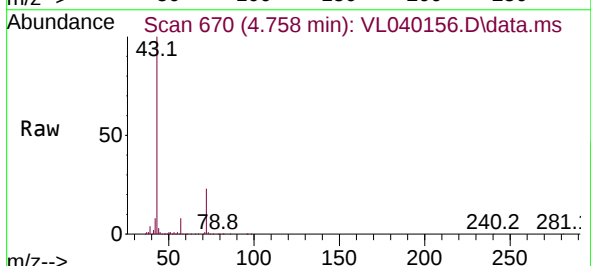
Acq: 7 Feb 2023 8:40

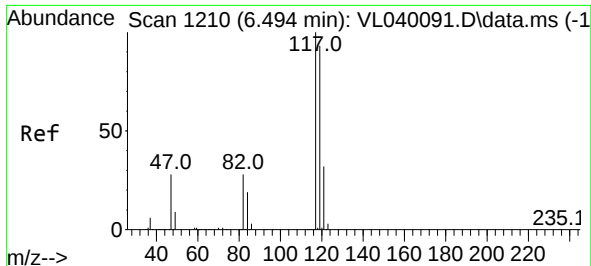
Tgt Ion: 43 Resp: 1177603

Ion Ratio Lower Upper

43 100

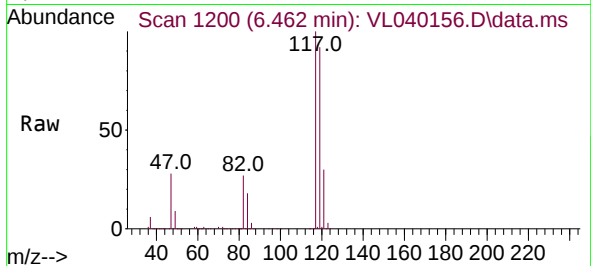
72 22.9 18.4 27.6





#35
Carbon Tetrachloride
Concen: 11.865 ppbv
RT: 6.462 min Scan# 1163
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

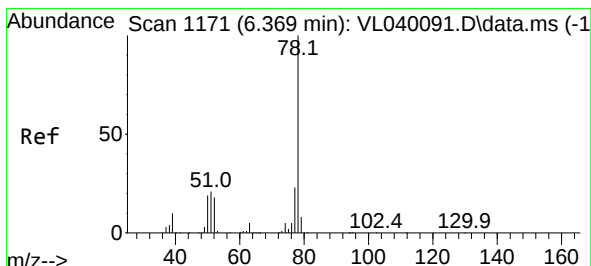
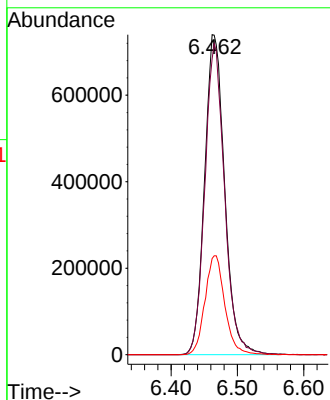
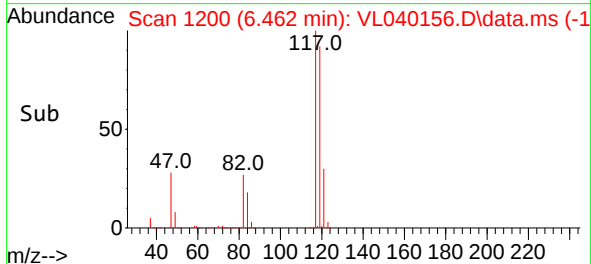
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1555779
Ion Ratio Lower Upper
117 100
119 92.4 74.5 111.7
121 30.0 25.4 38.0

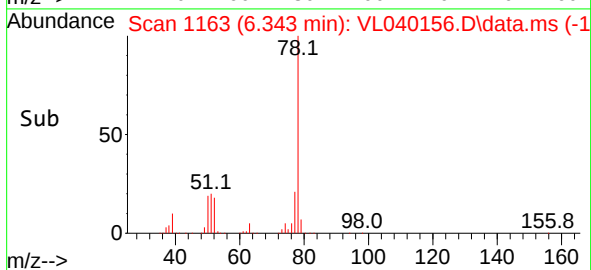
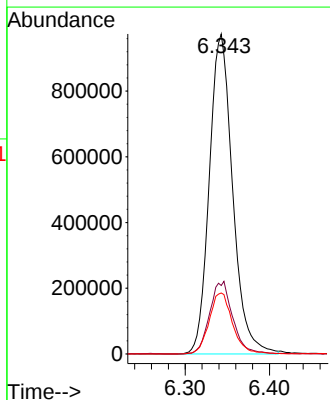
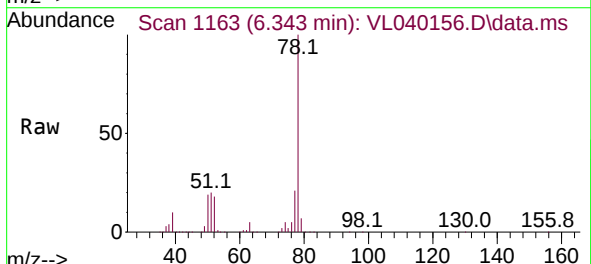
Manual Integrations
APPROVED

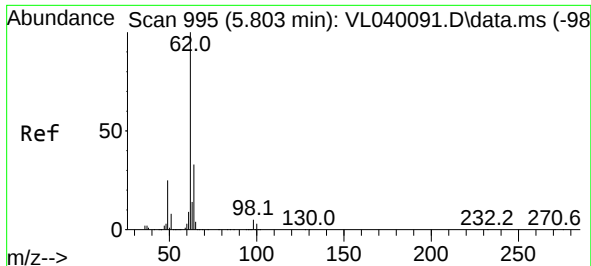
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#36
Benzene
Concen: 10.918 ppbv
RT: 6.343 min Scan# 1163
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

Tgt Ion: 78 Resp: 1873702
Ion Ratio Lower Upper
78 100
77 21.4 18.1 27.1
50 19.1 15.6 23.4





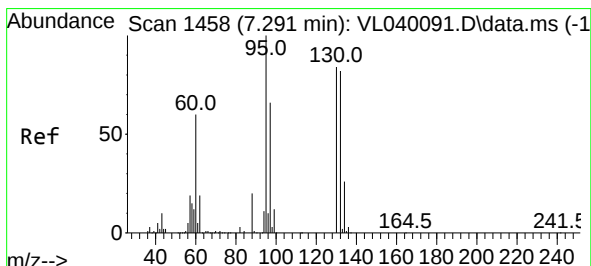
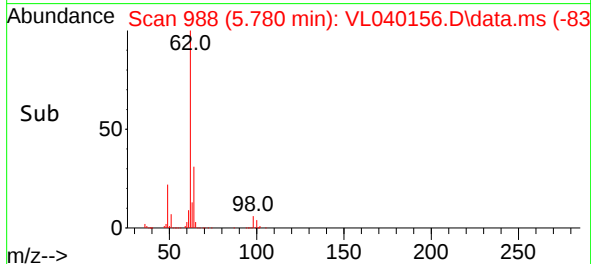
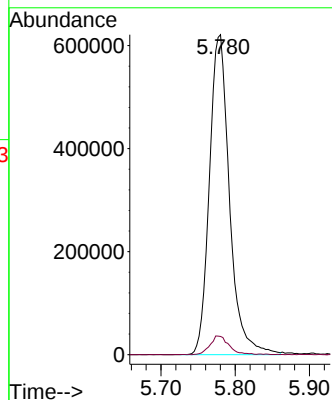
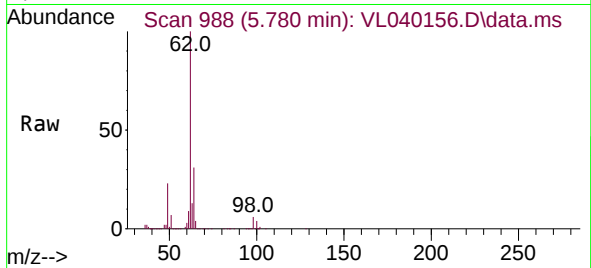
#37
1,2-Dichloroethane
Concen: 10.563 ppbv
RT: 5.780 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 116518
Ion Ratio Lower Upper
62 100
98 5.7 4.4 6.6

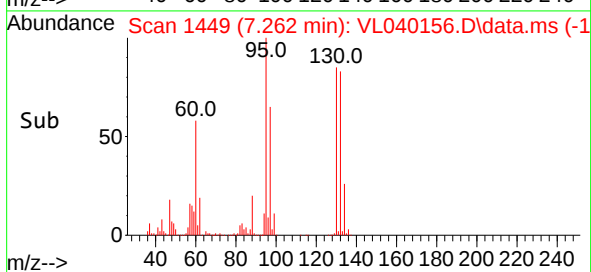
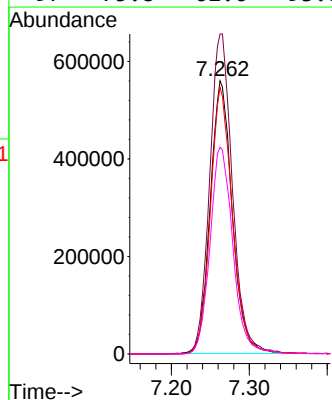
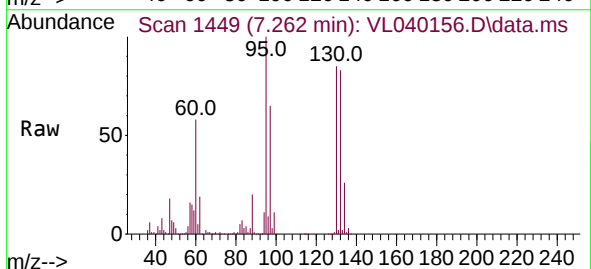
Manual Integrations
APPROVED

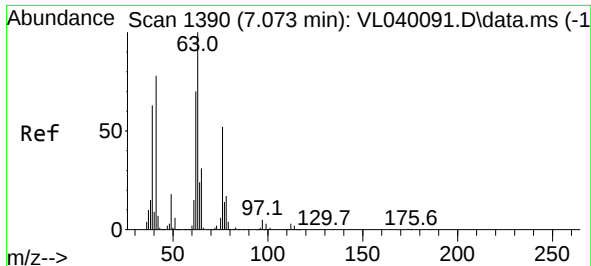
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#38
Trichloroethene
Concen: 11.305 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

Tgt Ion:130 Resp: 1101060
Ion Ratio Lower Upper
130 100
95 117.3 95.0 142.6
132 97.8 77.9 116.9
97 75.8 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.626 ppbv

RT: 7.047 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040156.D

Acq: 7 Feb 2023 8:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

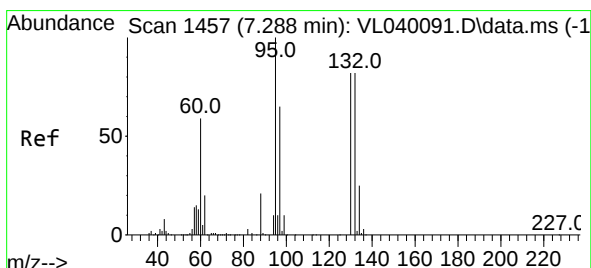
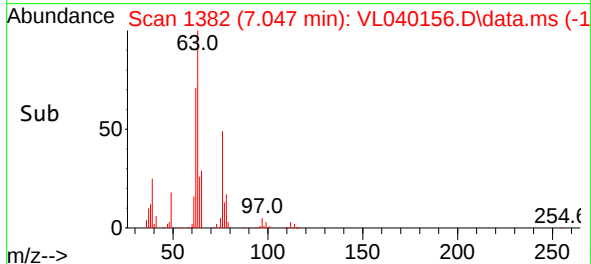
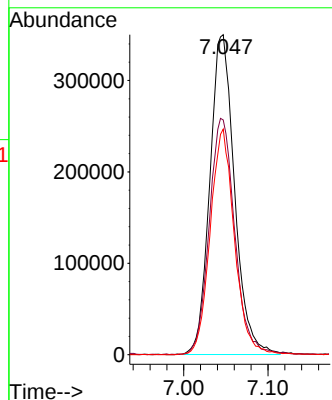
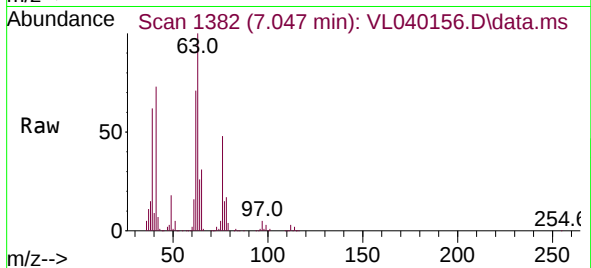
Tgt Ion: 63 Resp: 71325

Ion	Ratio	Lower	Upper
63	100		
41	73.3	62.2	93.4
62	70.4	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#40

1,4-Dioxane

Concen: 11.211 ppbv

RT: 7.256 min Scan# 1447

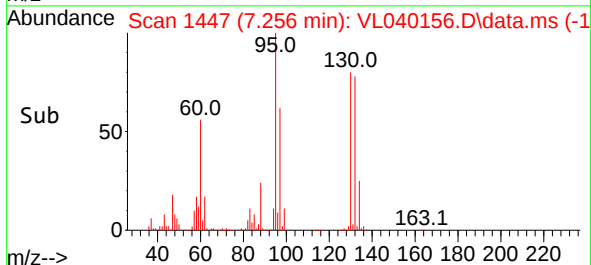
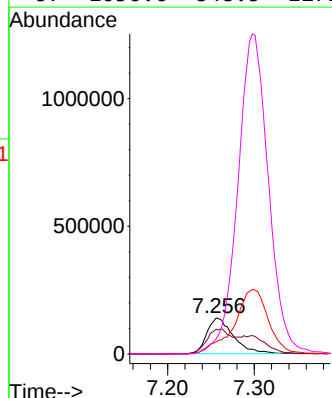
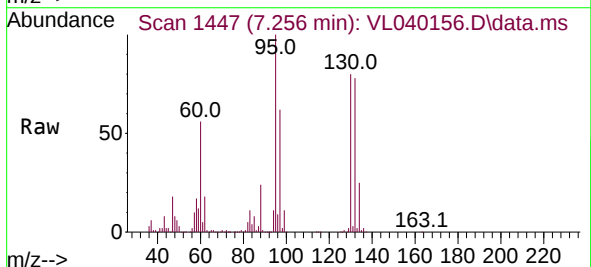
Delta R.T. -0.019 min

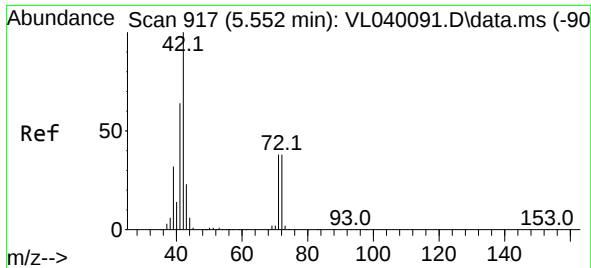
Lab File: VL040156.D

Acq: 7 Feb 2023 8:40

Tgt Ion: 88 Resp: 298646

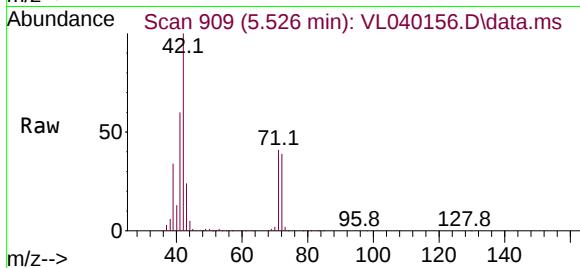
Ion	Ratio	Lower	Upper
88	100		
58	118.4	97.5	146.3
43	235.8	195.0	292.4
57	1036.6	848.5	1272.7





#41
Tetrahydrofuran
Concen: 11.439 ppbv
RT: 5.526 min Scan# 909
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

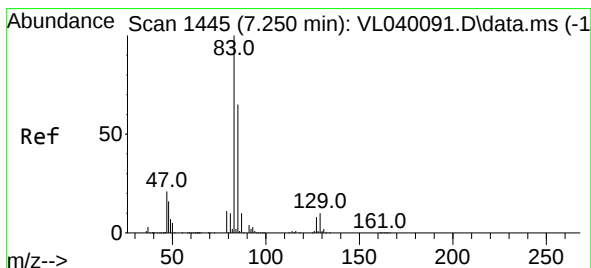
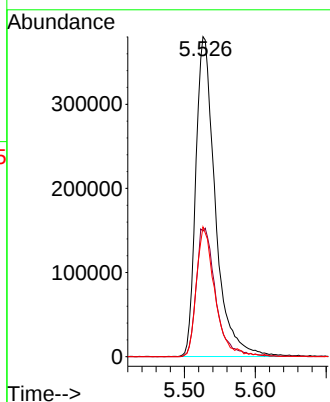
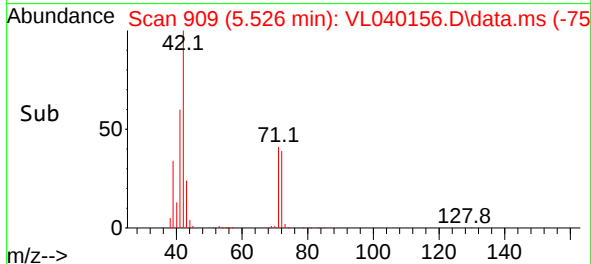
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 724228
Ion Ratio Lower Upper
42 100
72 40.6 31.9 47.9
71 39.1 31.4 47.2

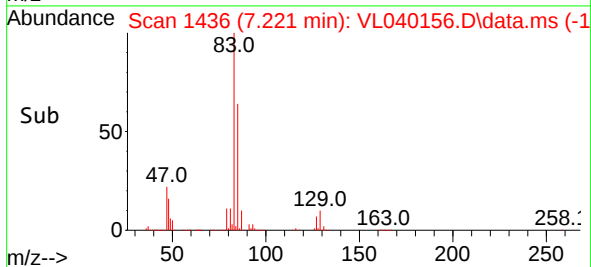
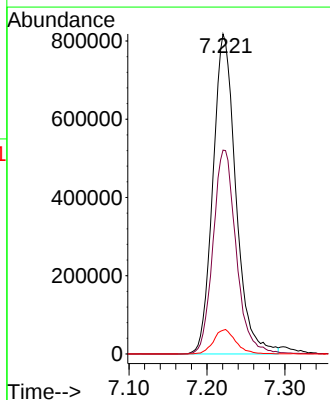
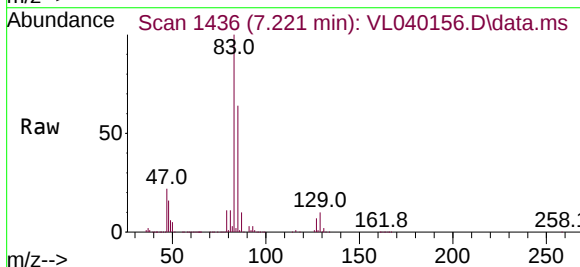
Manual Integrations
APPROVED

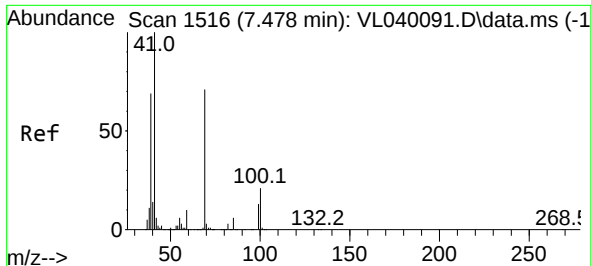
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#42
Bromodichloromethane
Concen: 11.251 ppbv
RT: 7.221 min Scan# 1436
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

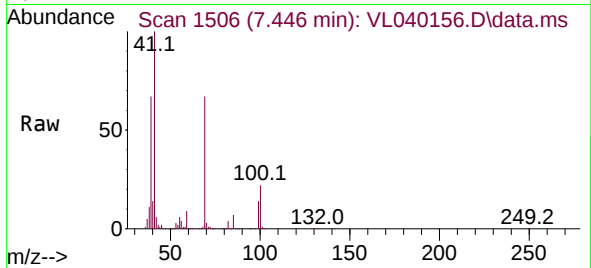
Tgt Ion: 83 Resp: 1675829
Ion Ratio Lower Upper
83 100
85 63.7 51.7 77.5
127 7.4 6.2 9.2





#43
Methyl Methacrylate
Concen: 12.019 ppbv
RT: 7.446 min Scan# 1506
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

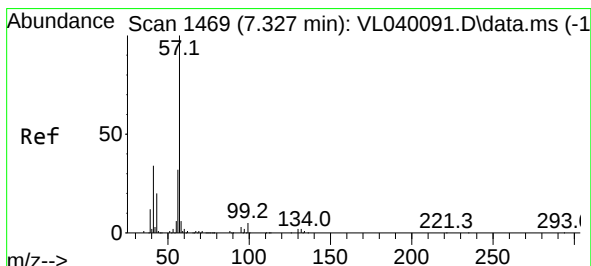
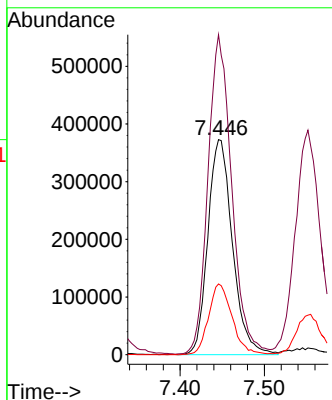
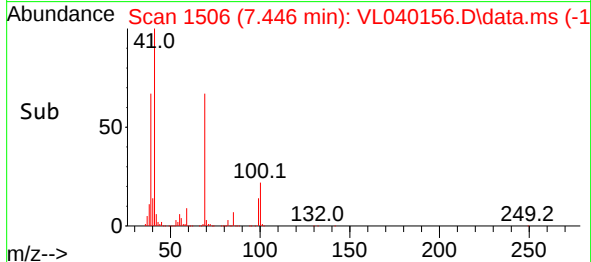
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 756910
Ion Ratio Lower Upper
69 100
41 143.7 118.2 177.2
100 31.4 24.2 36.4

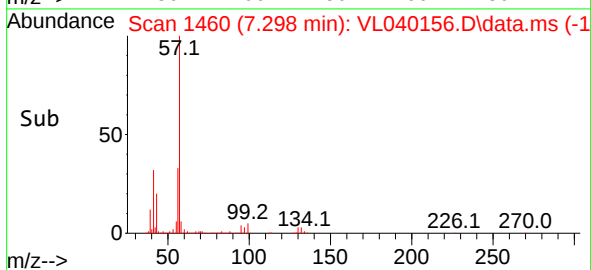
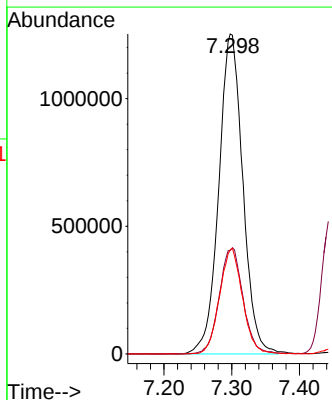
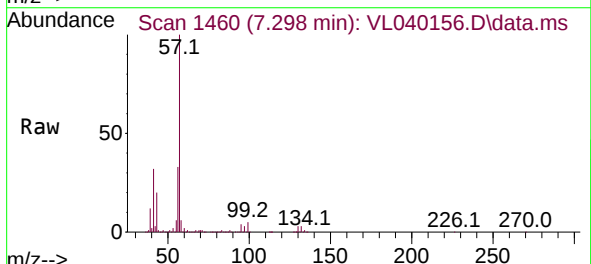
Manual Integrations
APPROVED

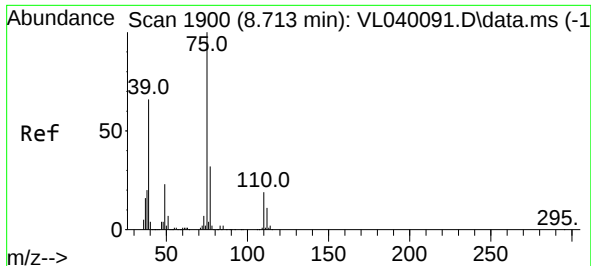
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#44
2,2,4-Trimethylpentane
Concen: 10.811 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

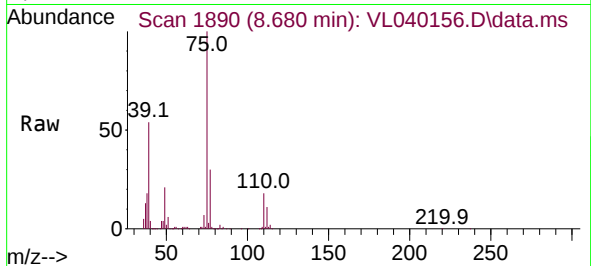
Tgt Ion: 57 Resp: 3085357
Ion Ratio Lower Upper
57 100
41 32.8 27.1 40.7
56 31.6 25.0 37.4





#45
t-1,3-Dichloropropene
Concen: 13.243 ppbv
RT: 8.680 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

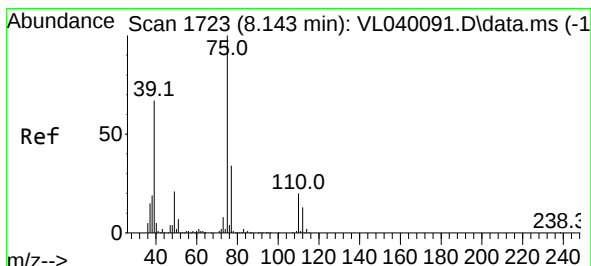
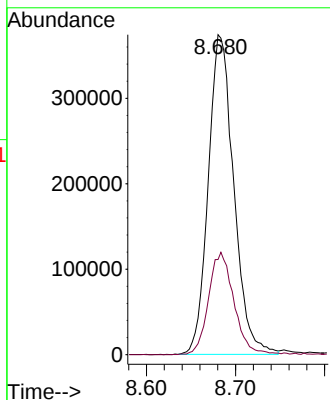
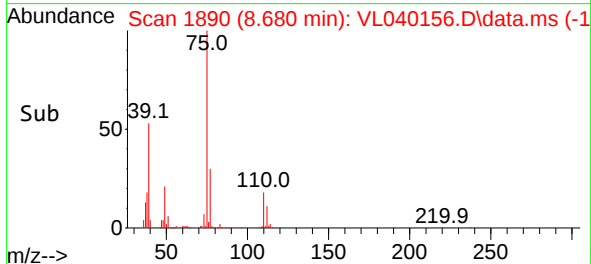
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 743664
Ion Ratio Lower Upper
75 100
77 29.7 25.6 38.4

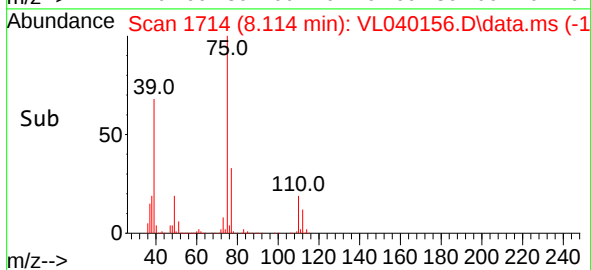
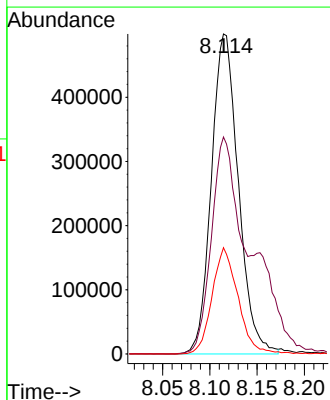
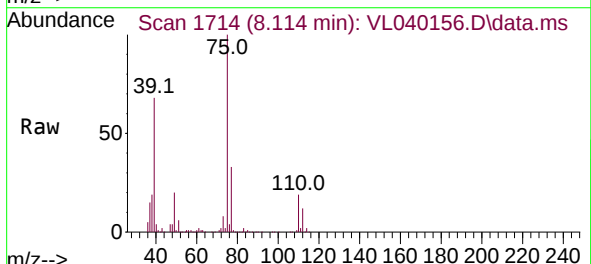
Manual Integrations
APPROVED

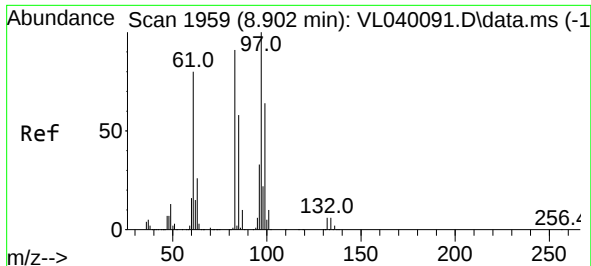
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#46
cis-1,3-Dichloropropene
Concen: 12.897 ppbv
RT: 8.114 min Scan# 1714
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

Tgt Ion: 75 Resp: 989682
Ion Ratio Lower Upper
75 100
39 67.7 53.6 80.4
77 33.2 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 11.146 ppbv

RT: 8.873 min Scan# 1959

Delta R.T. -0.013 min

Lab File: VL040156.D

Acq: 7 Feb 2023 8:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 787768

Ion Ratio Lower Upper

97 100

83 90.4 72.9 109.3

85 59.0 46.0 69.0

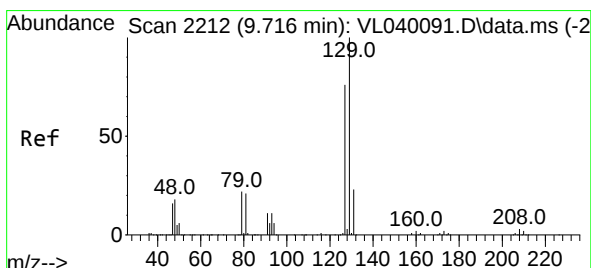
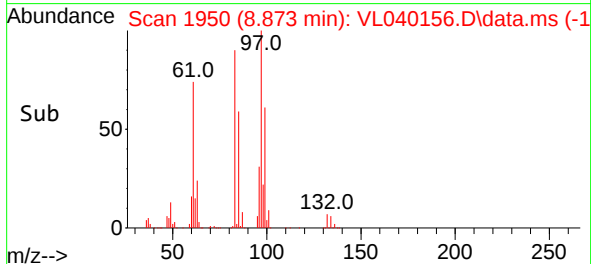
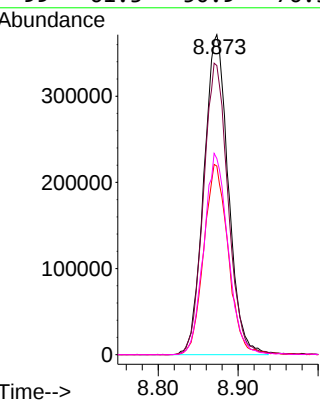
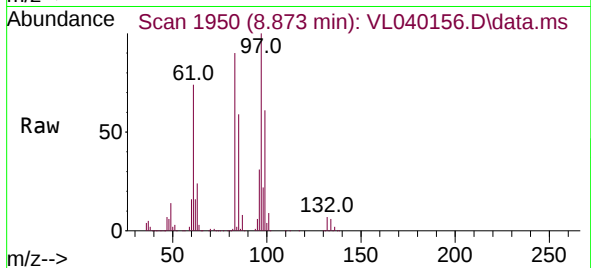
99 61.3 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#48

Dibromochloromethane

Concen: 12.065 ppbv

RT: 9.680 min Scan# 2201

Delta R.T. -0.019 min

Lab File: VL040156.D

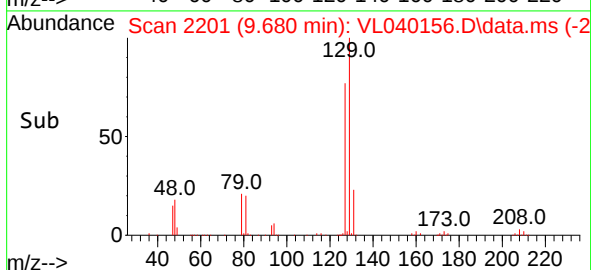
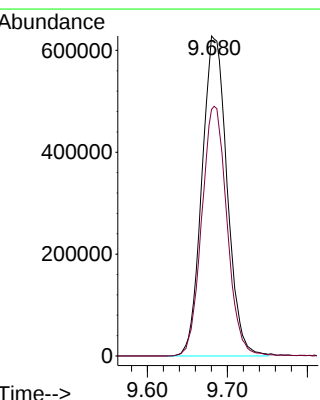
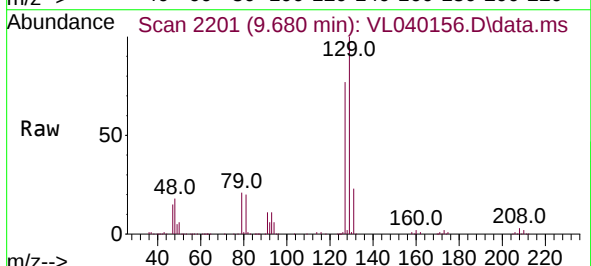
Acq: 7 Feb 2023 8:40

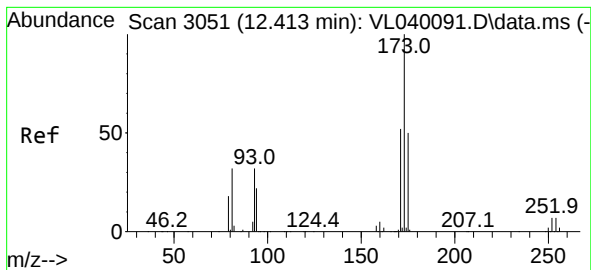
Tgt Ion:129 Resp: 1370502

Ion Ratio Lower Upper

129 100

127 78.5 39.3 117.9





#49

Bromoform

Concen: 12.591 ppbv

RT: 12.384 min Scan# 3051

Delta R.T. -0.013 min

Lab File: VL040156.D

Acq: 7 Feb 2023 8:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 110171

Ion Ratio Lower Upper

173 100

175 48.1 39.7 59.5

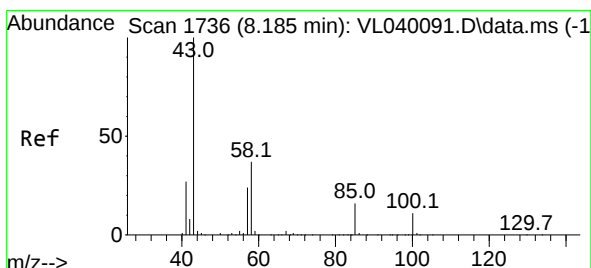
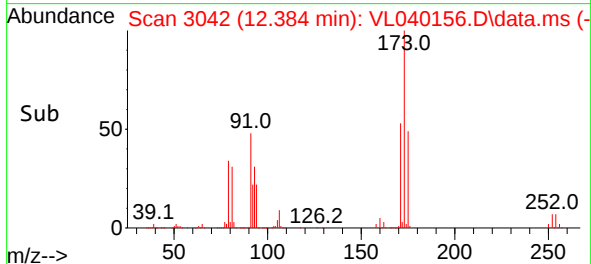
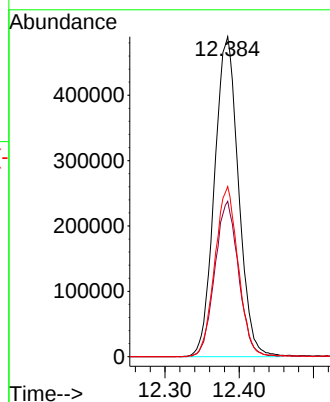
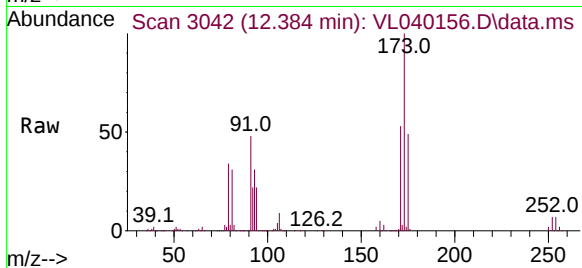
171 52.1 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#50

4-Methyl-2-Pentanone

Concen: 11.281 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. -0.016 min

Lab File: VL040156.D

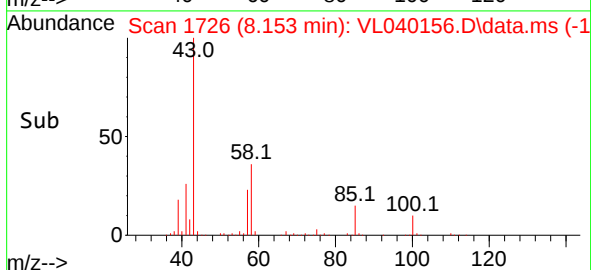
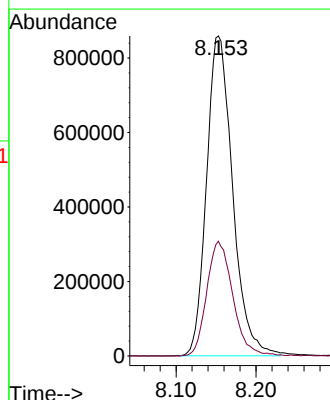
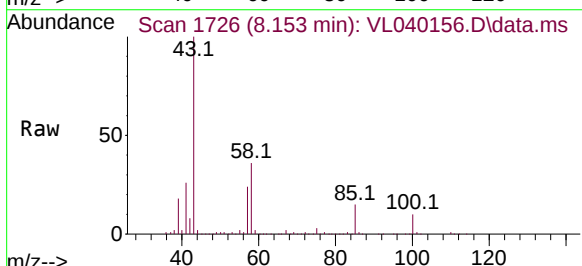
Acq: 7 Feb 2023 8:40

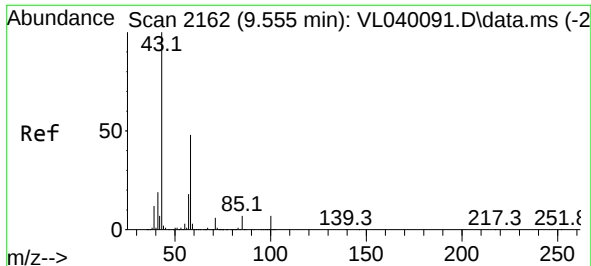
Tgt Ion: 43 Resp: 1946344

Ion Ratio Lower Upper

43 100

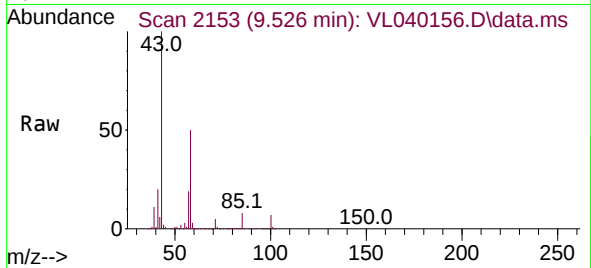
58 36.0 28.8 43.2





#51
2-Hexanone
Concen: 11.658 ppbv
RT: 9.526 min Scan# 2162
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

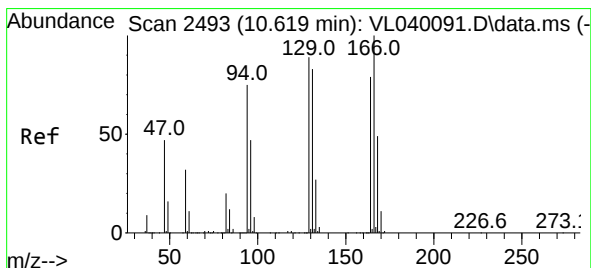
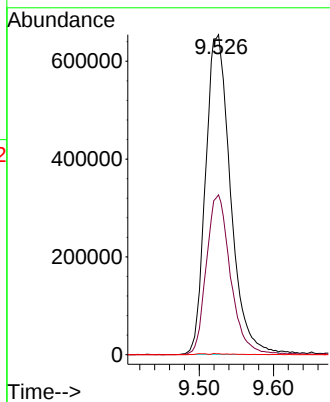
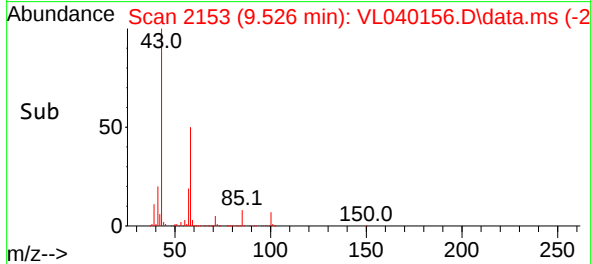
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



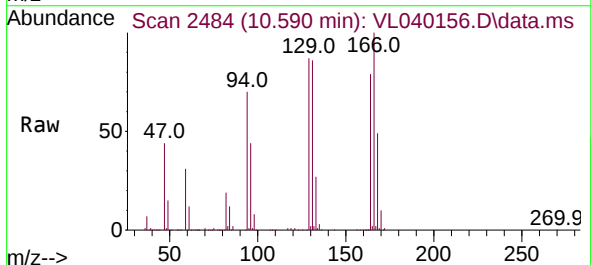
Tgt Ion: 43 Resp: 1523908
Ion Ratio Lower Upper
43 100
58 48.6 37.5 56.3
98 0.3 0.4 0.6

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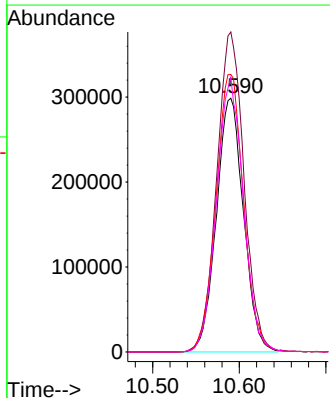
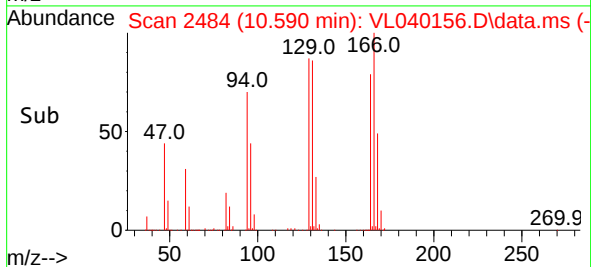
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

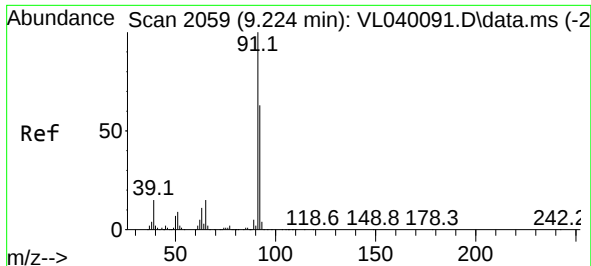


#52
Tetrachloroethene
Concen: 11.565 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40



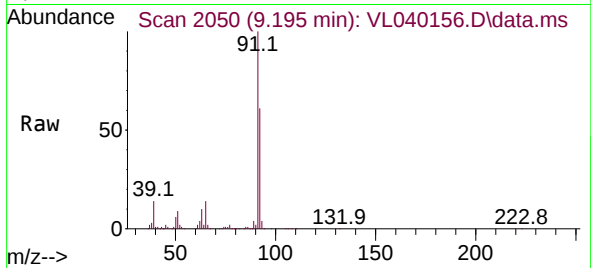
Tgt Ion:164 Resp: 649253
Ion Ratio Lower Upper
164 100
166 126.1 101.2 151.8
129 109.3 90.2 135.2
131 108.2 83.8 125.8





#53
Toluene
Concen: 11.793 ppbv
RT: 9.195 min Scan# 2050
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

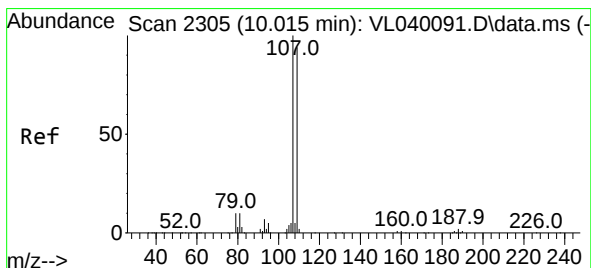
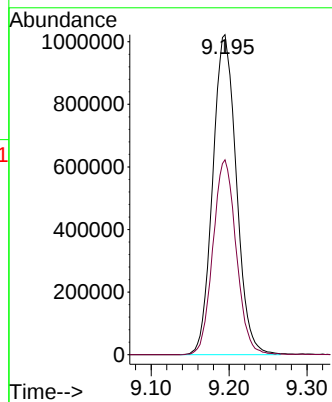
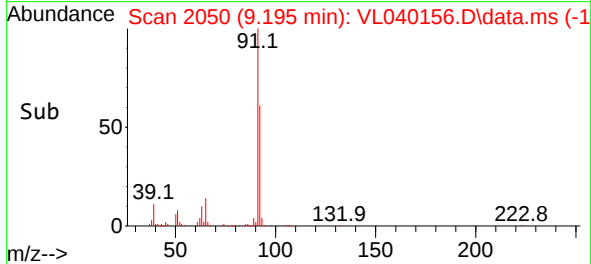
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



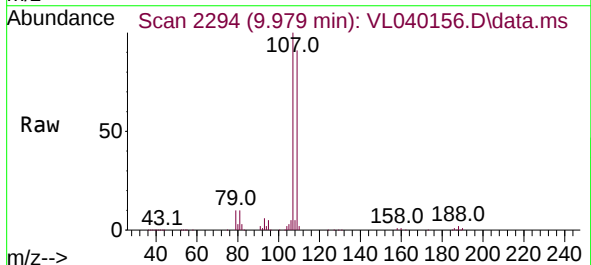
Tgt Ion: 91 Resp: 215852
Ion Ratio Lower Upper
91 100
92 60.2 48.3 72.5

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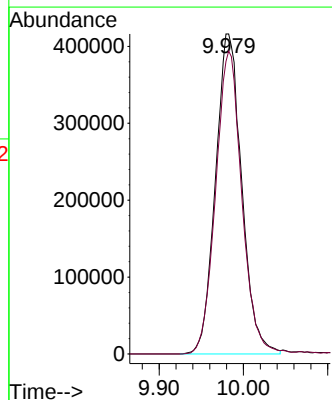
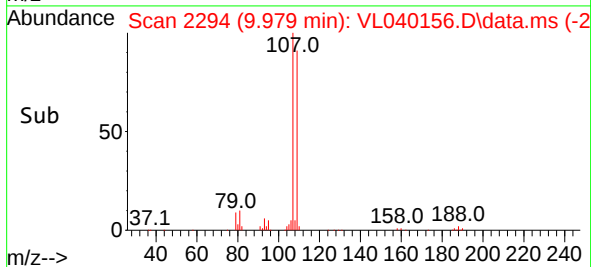
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

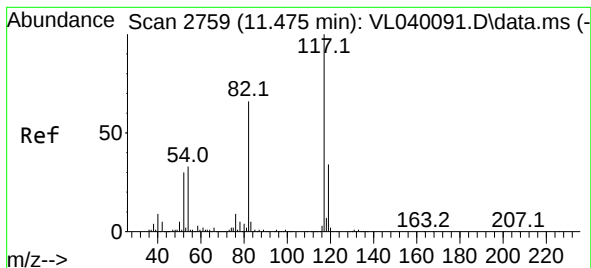


#54
1,2-Dibromoethane
Concen: 12.137 ppbv
RT: 9.979 min Scan# 2294
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40



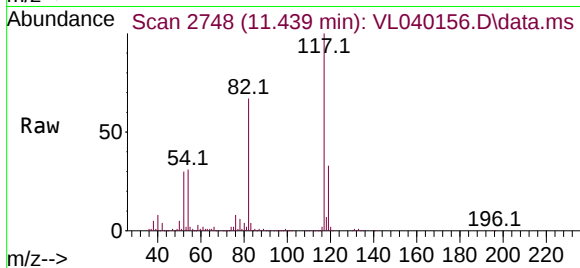
Tgt Ion:107 Resp: 898000
Ion Ratio Lower Upper
107 100
109 91.4 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.439 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

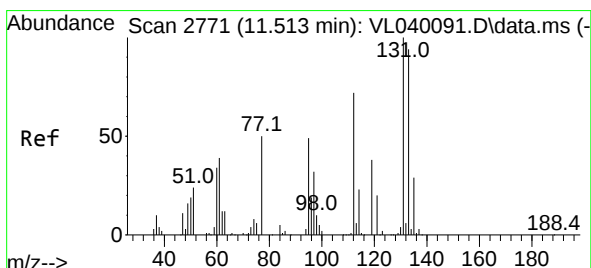
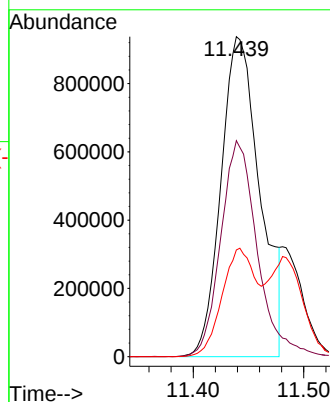
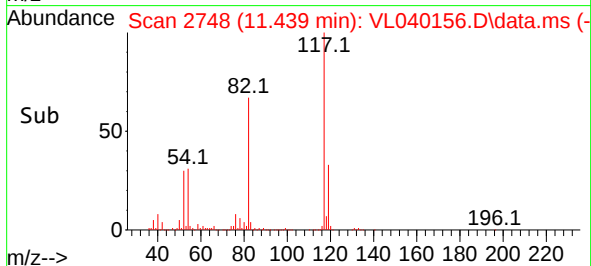
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 2292710
Ion Ratio Lower Upper
117 100
82 63.9 54.4 81.6
119 29.5 26.8 40.2

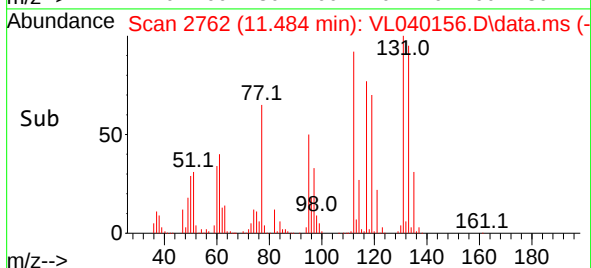
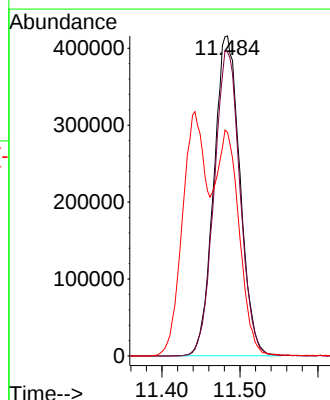
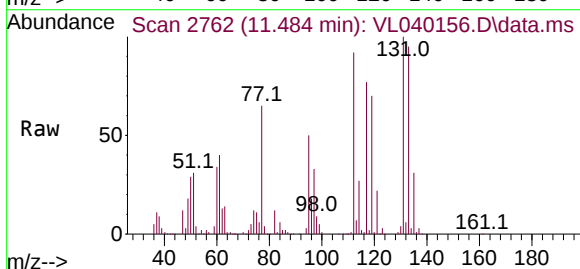
Manual Integrations
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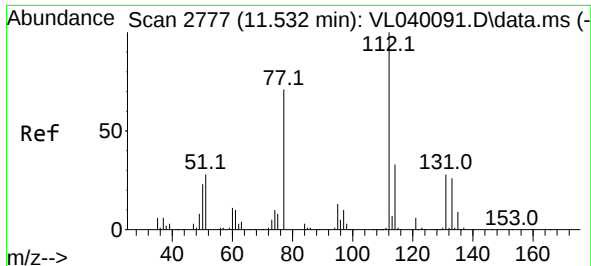
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.847 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

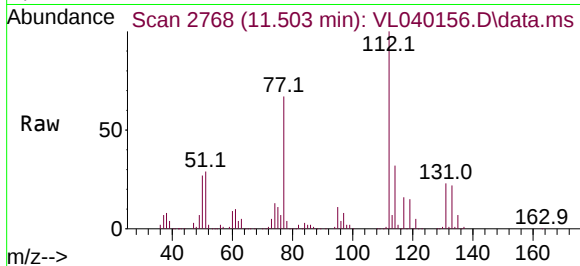
Tgt Ion:131 Resp: 967909
Ion Ratio Lower Upper
131 100
133 94.7 75.6 113.4
119 61.2 47.2 70.8





#57
Chlorobenzene
Concen: 10.776 ppbv
RT: 11.503 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

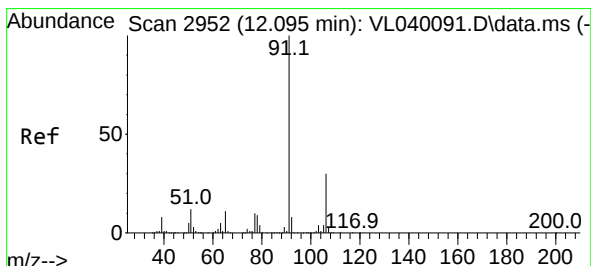
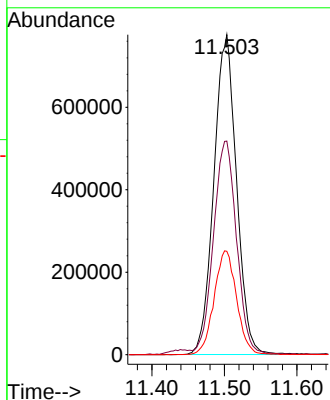
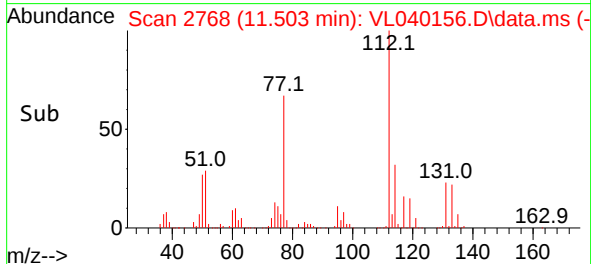
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 1684020
Ion Ratio Lower Upper
112 100
77 66.4 57.3 85.9
114 32.2 29.6 36.2

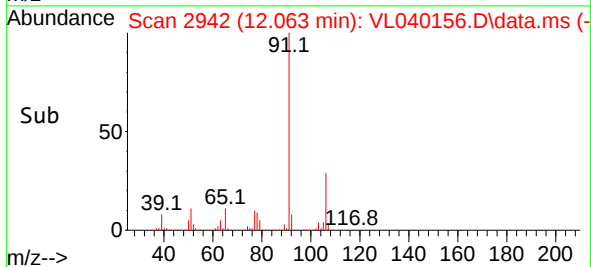
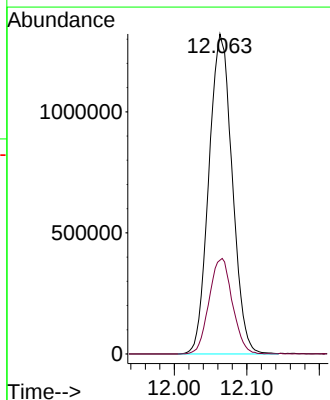
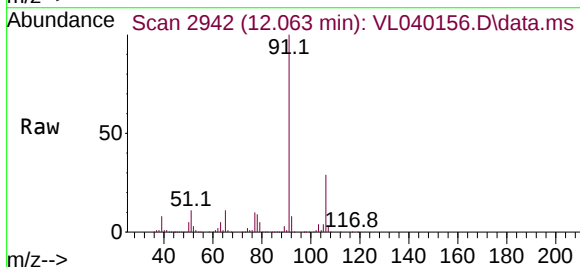
Manual Integrations
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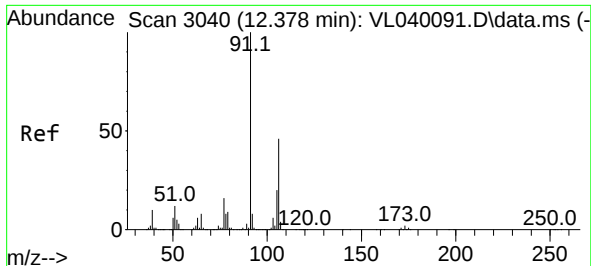
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#58
Ethyl Benzene
Concen: 11.563 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

Tgt Ion: 91 Resp: 2958485
Ion Ratio Lower Upper
91 100
106 29.3 23.7 35.5





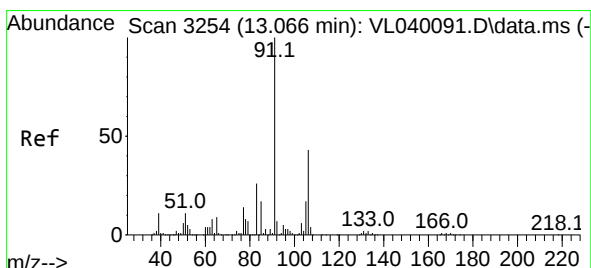
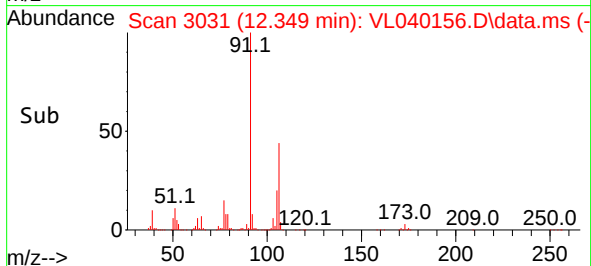
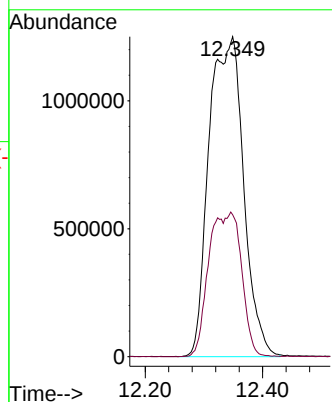
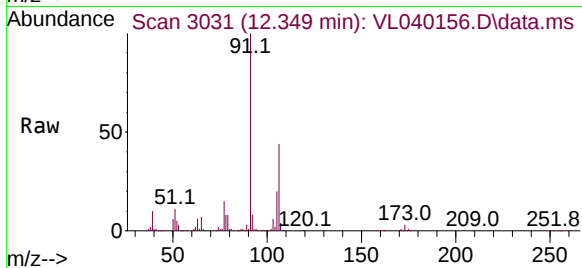
#59
m/p-Xylene
Concen: 22.196 ppbv m
RT: 12.349 min Scan# 3040
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 5106194
Ion Ratio Lower Upper
91 100
106 43.1 34.2 51.4

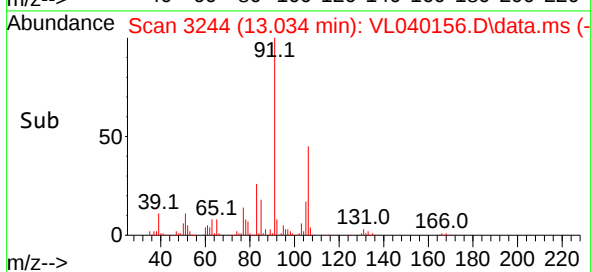
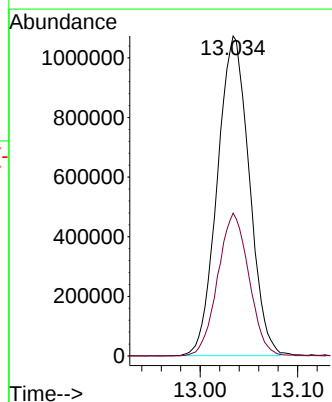
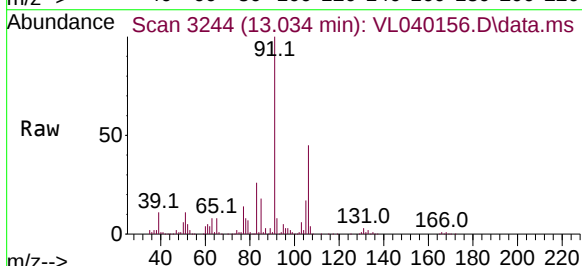
Manual Integrations
APPROVED

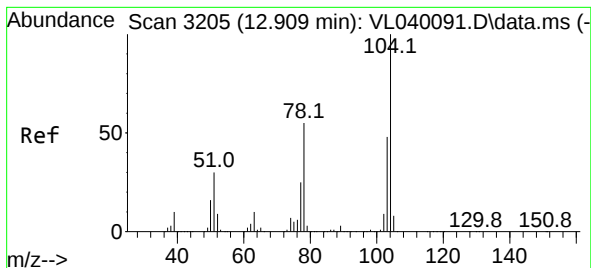
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#60
o-Xylene
Concen: 11.151 ppbv
RT: 13.034 min Scan# 3244
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

Tgt Ion: 91 Resp: 2435010
Ion Ratio Lower Upper
91 100
106 43.9 21.6 64.8





#61

Styrene

Concen: 12.532 ppbv

RT: 12.873 min Scan# 3194

Delta R.T. -0.019 min

Lab File: VL040156.D

Acq: 7 Feb 2023 8:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 142598

Ion Ratio Lower Upper

104 100

78 53.1 44.0 66.0

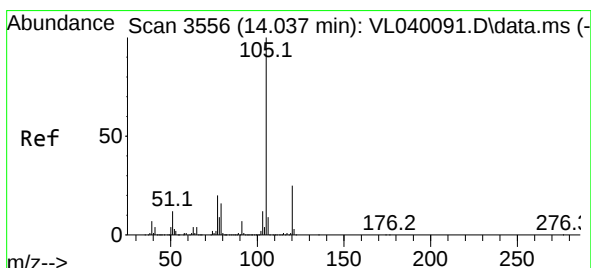
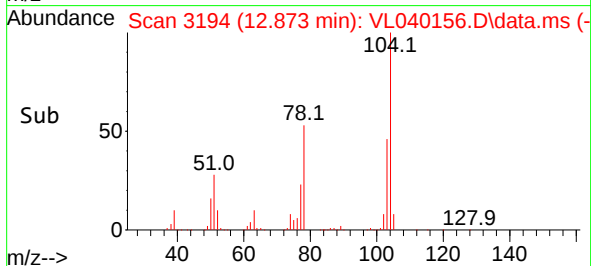
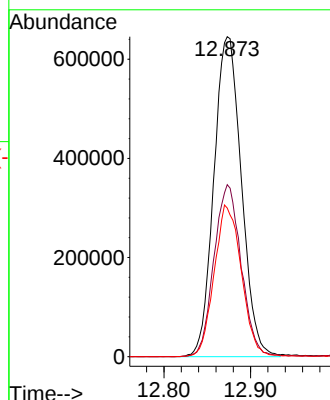
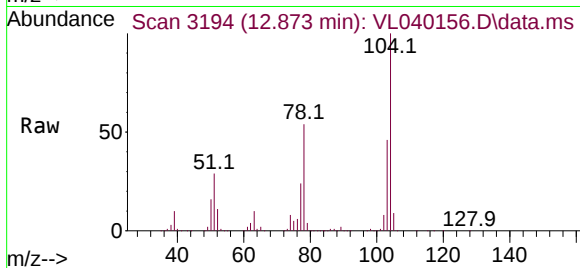
103 47.0 37.8 56.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#62

Isopropylbenzene

Concen: 10.858 ppbv

RT: 14.008 min Scan# 3547

Delta R.T. -0.016 min

Lab File: VL040156.D

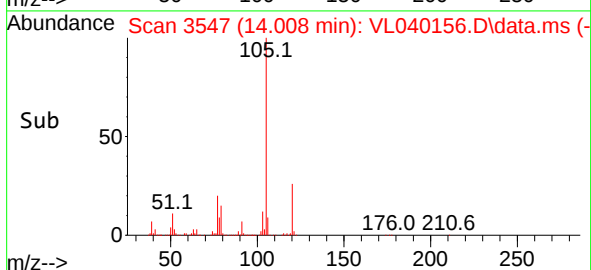
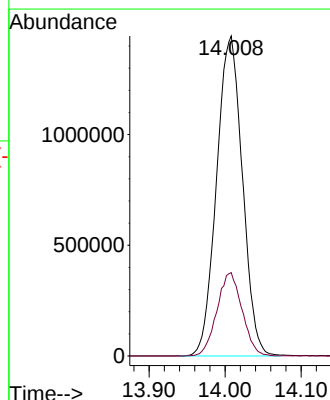
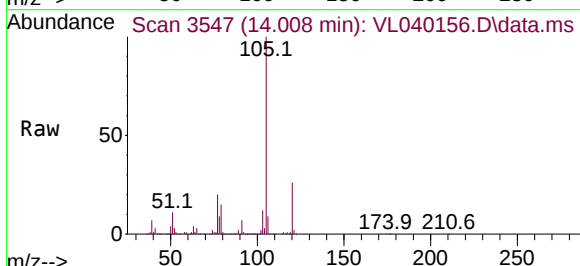
Acq: 7 Feb 2023 8:40

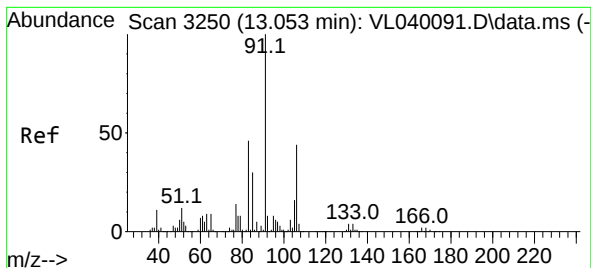
Tgt Ion:105 Resp: 3410403

Ion Ratio Lower Upper

105 100

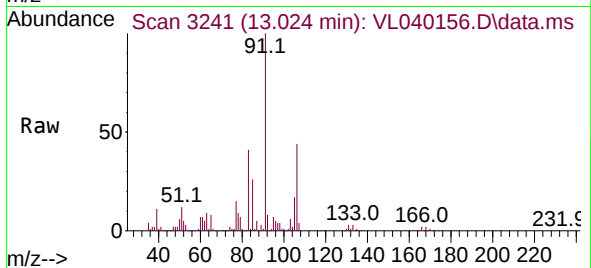
120 25.4 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.491 ppbv
RT: 13.024 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

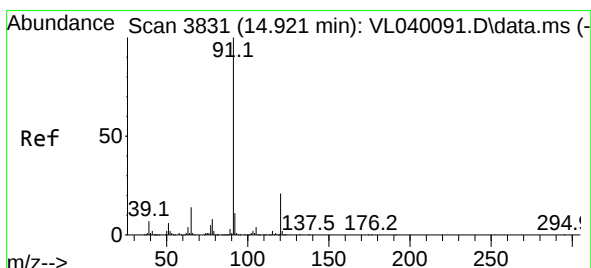
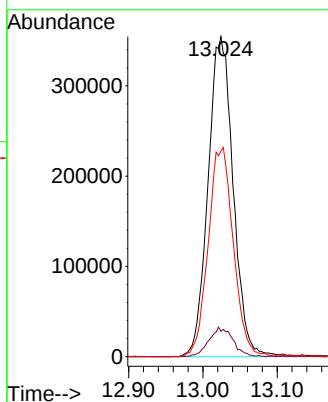
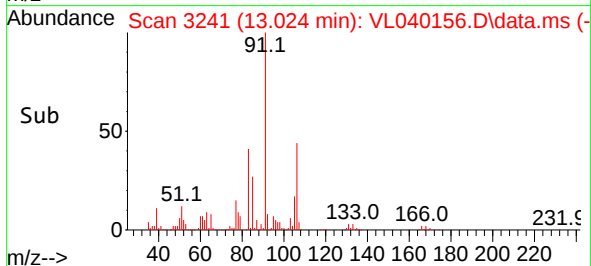
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



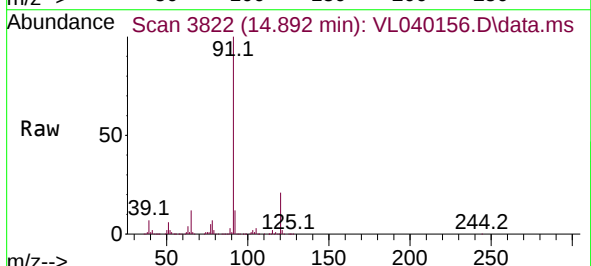
Tgt Ion: 83 Resp: 831750
Ion Ratio Lower Upper
83 100
131 8.9 4.3 13.1
85 66.0 32.5 97.5

Manual Integrations
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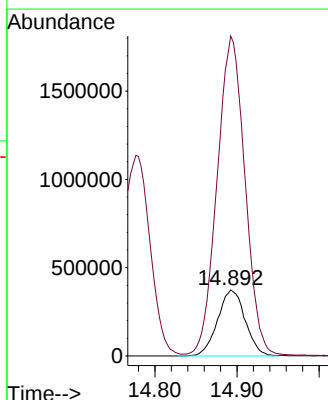
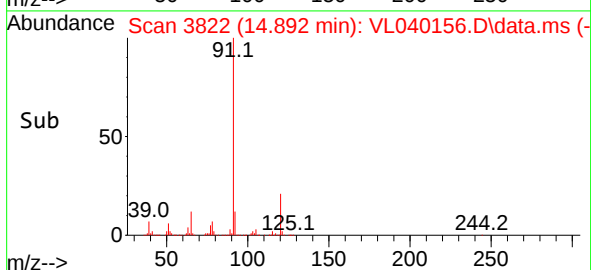
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

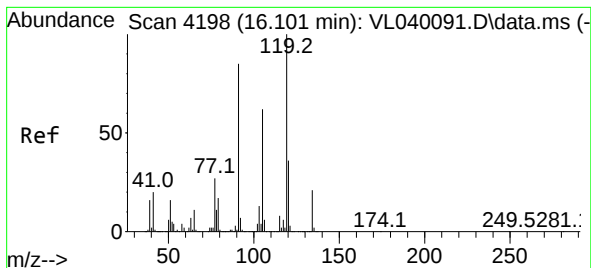


#64
n-propylbenzene
Concen: 11.164 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40



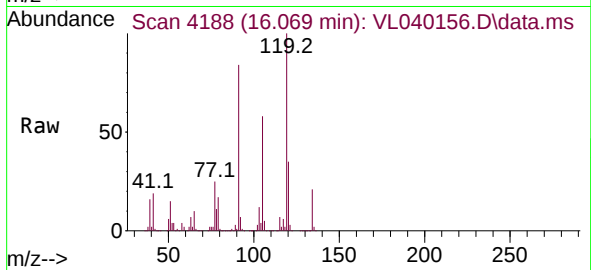
Tgt Ion:120 Resp: 871615
Ion Ratio Lower Upper
120 100
91 495.0 397.0 595.4





#65
tert-Butylbenzene
Concen: 11.150 ppbv
RT: 16.069 min Scan# 4198
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

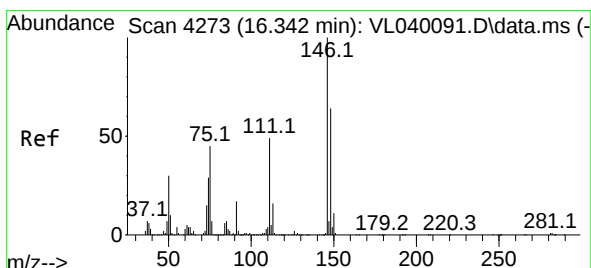
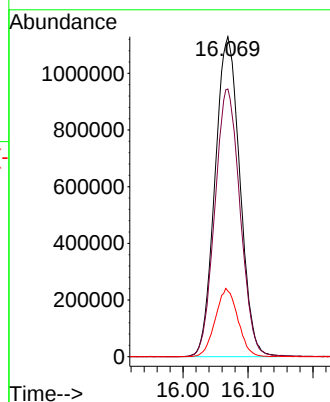
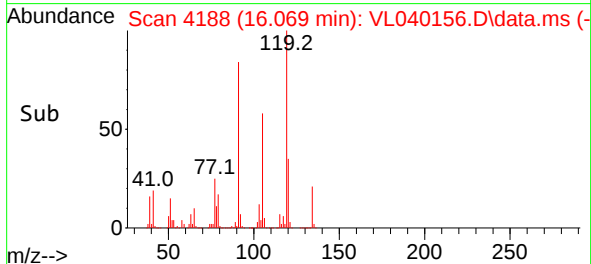
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 299810
Ion Ratio Lower Upper
119 100
91 85.1 69.5 104.3
134 19.4 15.8 23.8

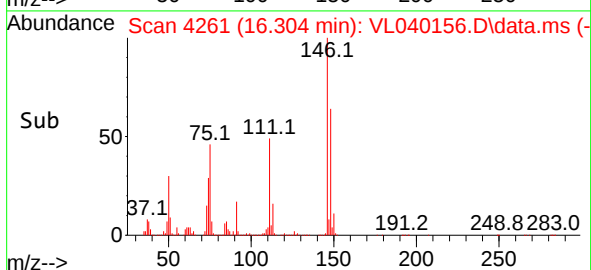
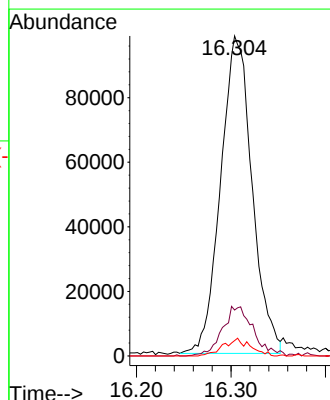
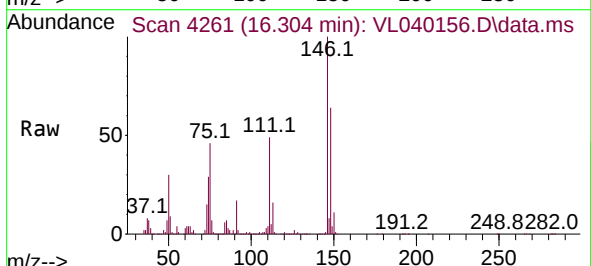
Manual Integrations
APPROVED

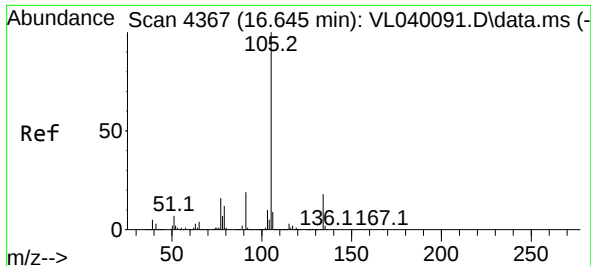
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#66
Benzyl Chloride
Concen: 12.354 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

Tgt Ion: 91 Resp: 227024
Ion Ratio Lower Upper
91 100
126 15.7 11.5 17.3
128 4.9 0.0 0.0#





#67

sec-Butylbenzene

Concen: 11.023 ppbv

RT: 16.609 min Scan# 41

Delta R.T. -0.023 min

Lab File: VL040156.D

Acq: 7 Feb 2023 8:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 420217

Ion Ratio Lower Upper

105 100

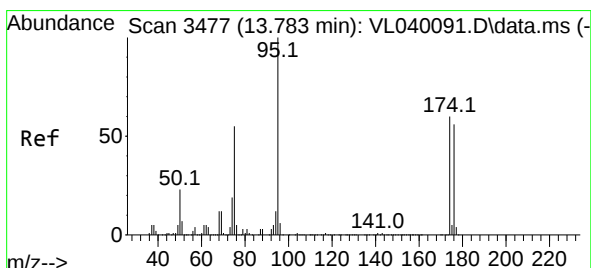
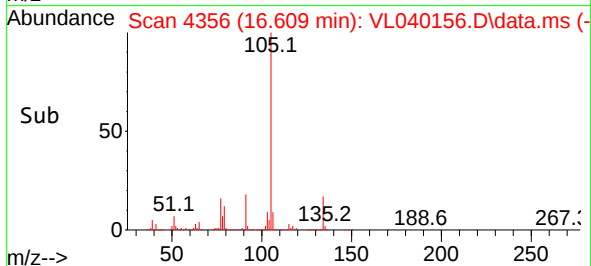
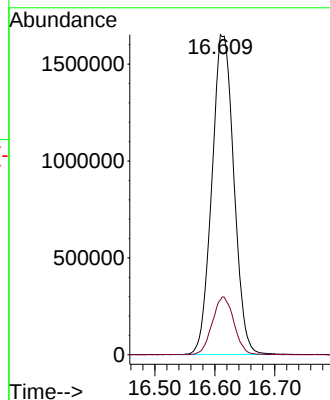
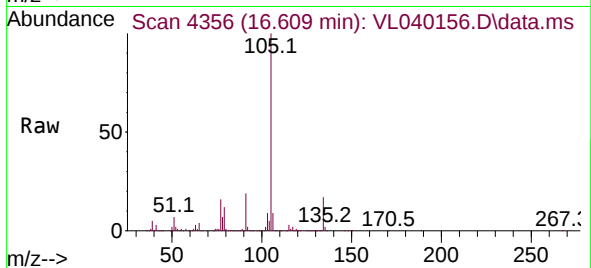
134 17.8 14.1 21.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.132 ppbv

RT: 13.751 min Scan# 3467

Delta R.T. -0.019 min

Lab File: VL040156.D

Acq: 7 Feb 2023 8:40

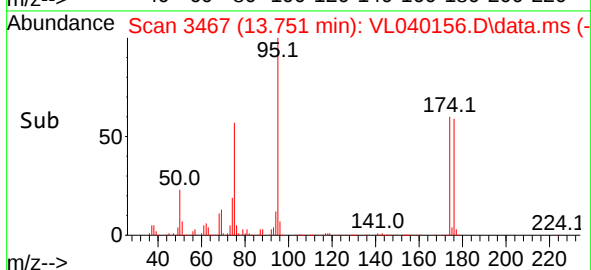
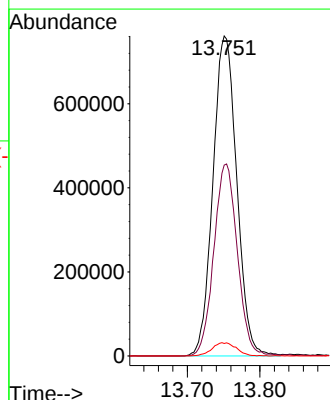
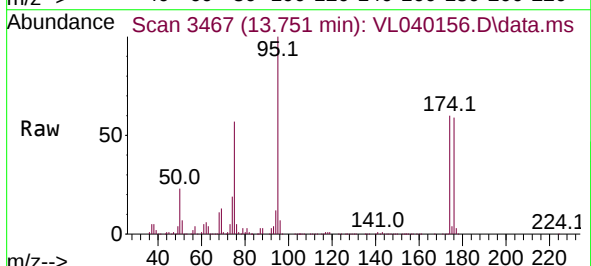
Tgt Ion: 95 Resp: 1740055

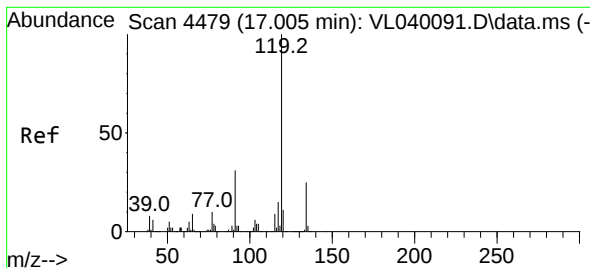
Ion Ratio Lower Upper

95 100

174 59.3 47.7 71.5

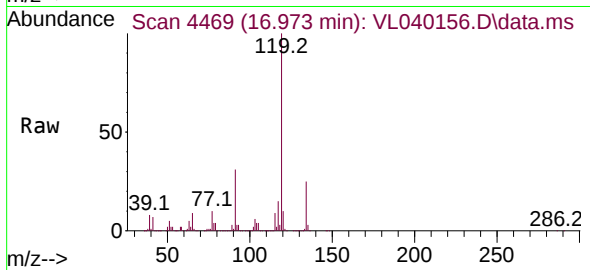
175 4.3 3.4 5.2





#69
p-Isopropyltoluene
Concen: 11.325 ppbv
RT: 16.973 min Scan# 4479
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

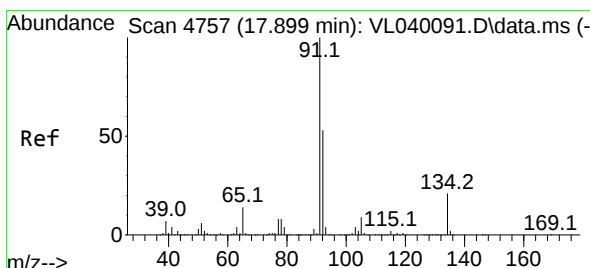
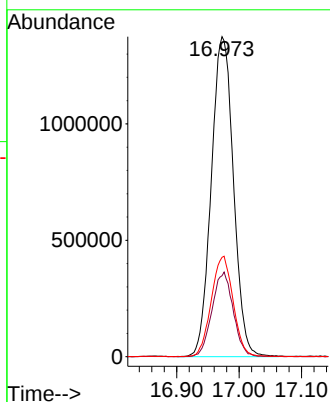
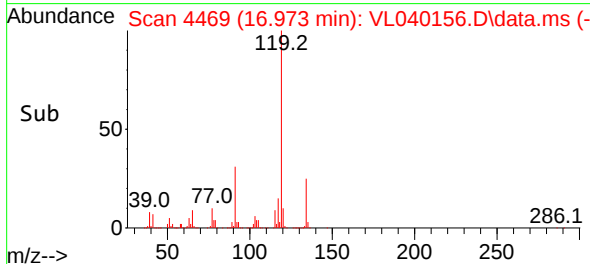
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



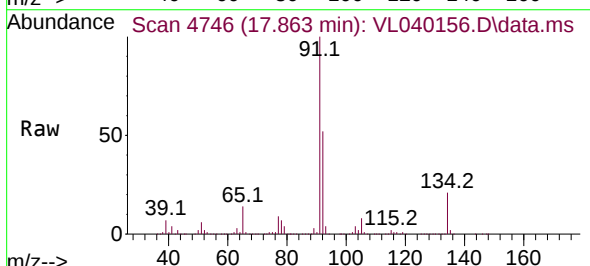
Tgt Ion:119 Resp: 3392450
Ion Ratio Lower Upper
119 100
134 25.3 20.1 30.1
91 31.0 25.0 37.4

Manual Integrations
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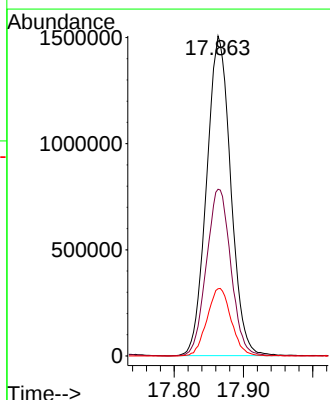
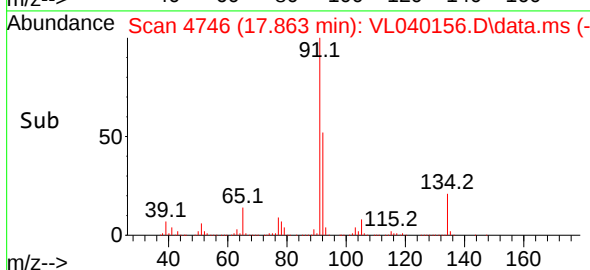
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

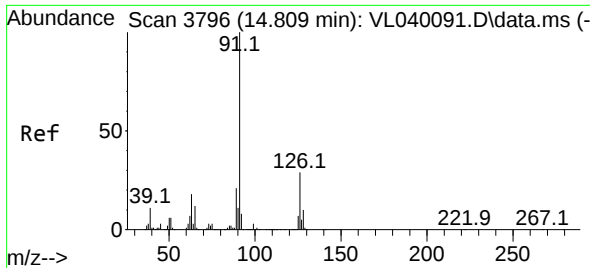


#70
n-Butylbenzene
Concen: 11.285 ppbv
RT: 17.863 min Scan# 4746
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40



Tgt Ion: 91 Resp: 3645657
Ion Ratio Lower Upper
91 100
92 53.0 42.8 64.2
134 21.2 16.9 25.3





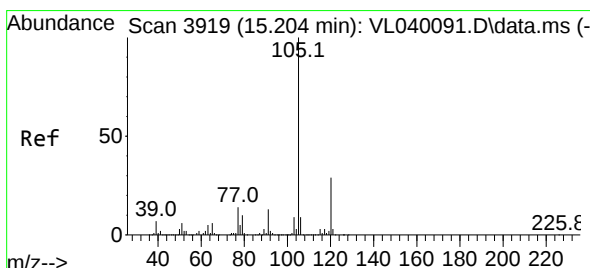
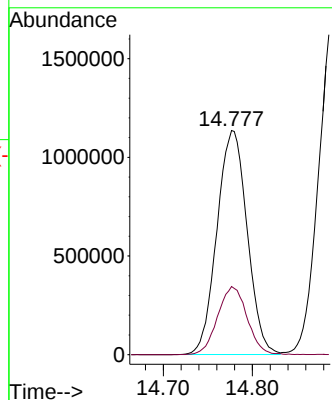
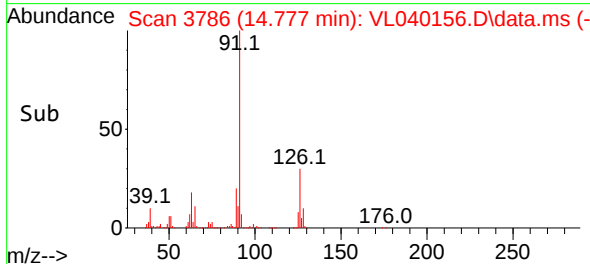
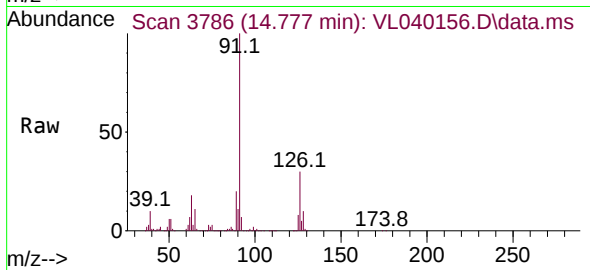
#71
2-Chlorotoluene
Concen: 11.066 ppbv
RT: 14.777 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 267319
Ion Ratio Lower Upper
91 100
126 29.7 11.9 47.5

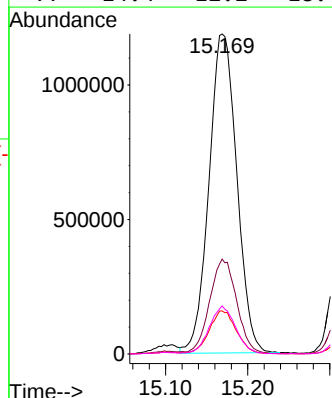
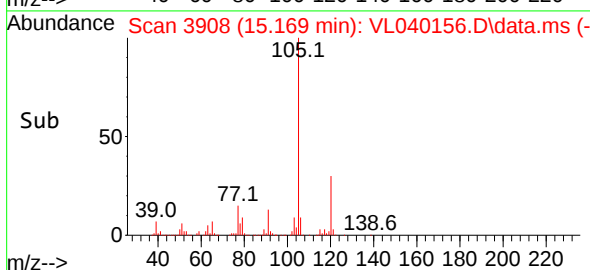
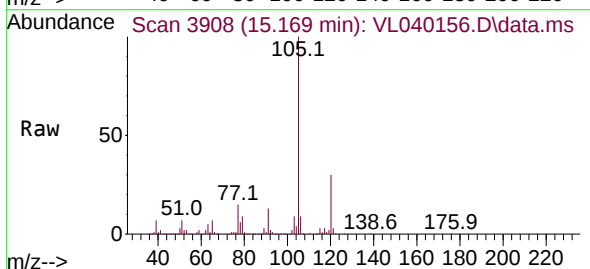
Manual Integrations
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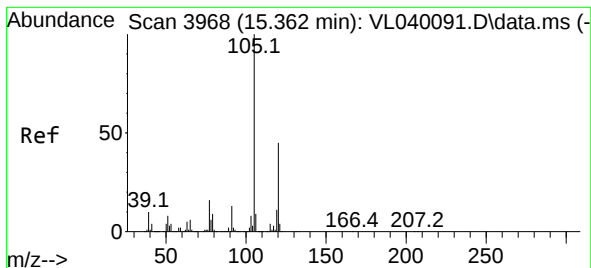
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#72
4-Ethyltoluene
Concen: 11.553 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

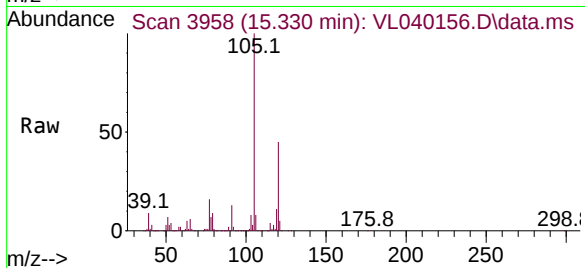
Tgt Ion:105 Resp: 2799306
Ion Ratio Lower Upper
105 100
120 29.1 23.1 34.7
91 13.2 11.2 16.8
77 14.4 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 11.262 ppbv
RT: 15.330 min Scan# 3968
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

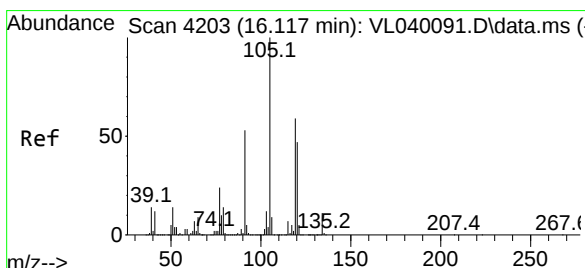
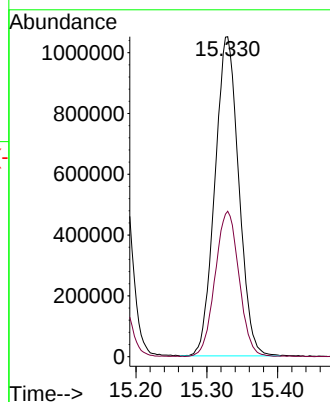
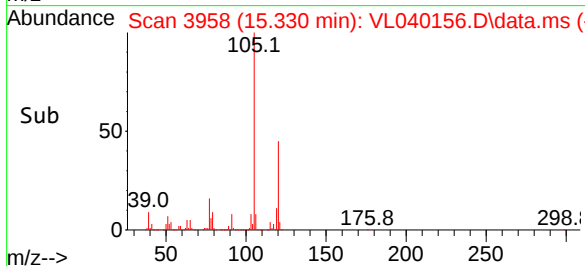
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



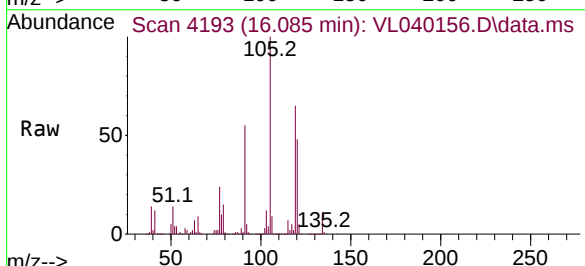
Tgt Ion:105 Resp: 2457089
Ion Ratio Lower Upper
105 100
120 45.5 36.2 54.4

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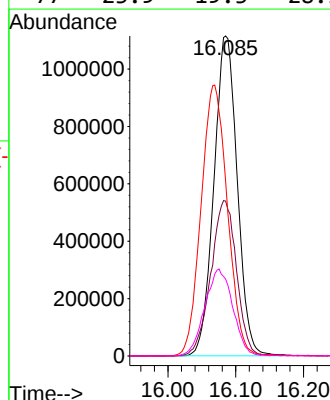
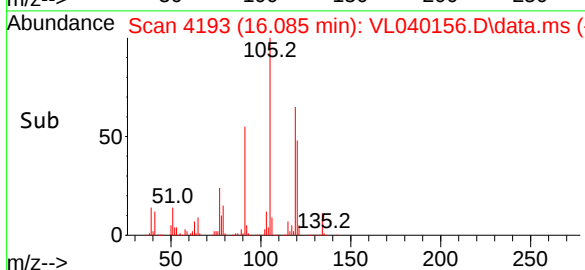
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

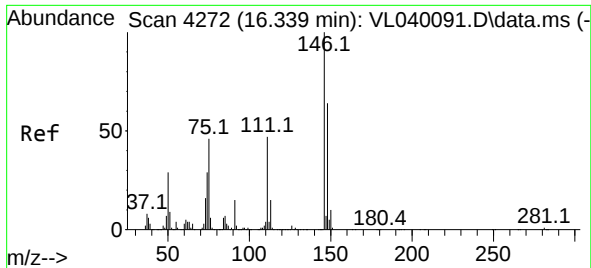


#74
1,2,4-Trimethylbenzene
Concen: 11.046 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40



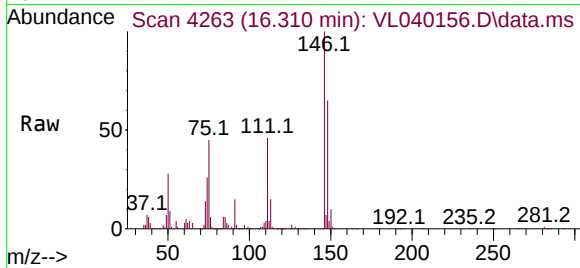
Tgt Ion:105 Resp: 2669576
Ion Ratio Lower Upper
105 100
120 48.2 38.0 57.0
91 54.3 42.1 63.1
77 23.9 19.3 28.9





#75
1,3-Dichlorobenzene
Concen: 11.036 ppbv
RT: 16.310 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

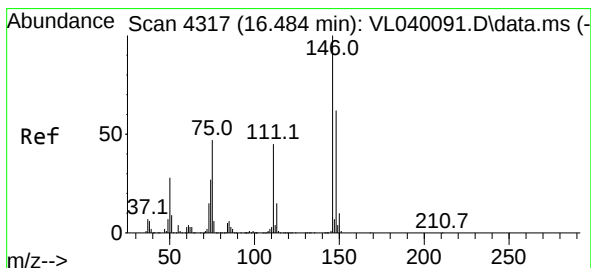
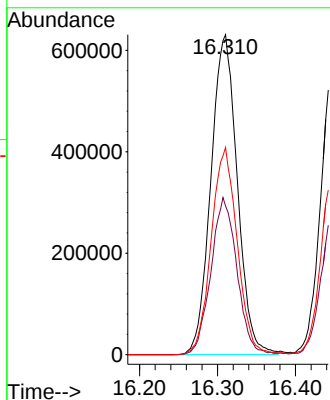
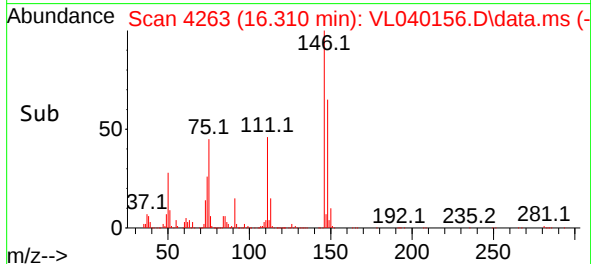
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



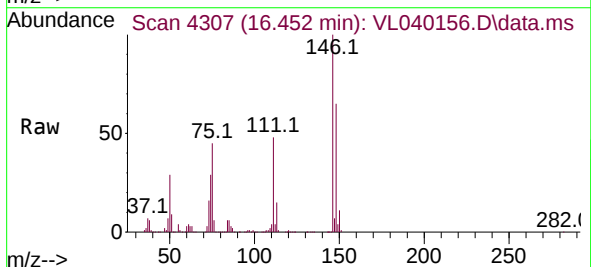
Tgt Ion:146 Resp: 148131
Ion Ratio Lower Upper
146 100
111 48.6 24.3 73.0
148 64.0 32.3 96.8

Manual Integrations
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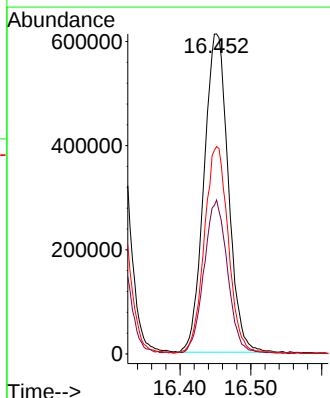
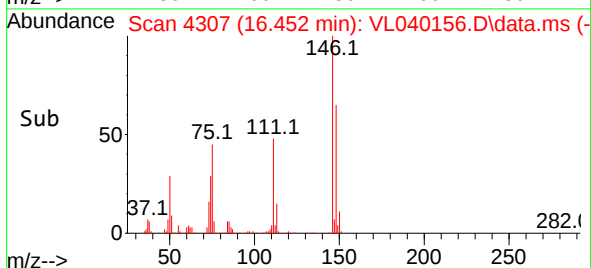
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

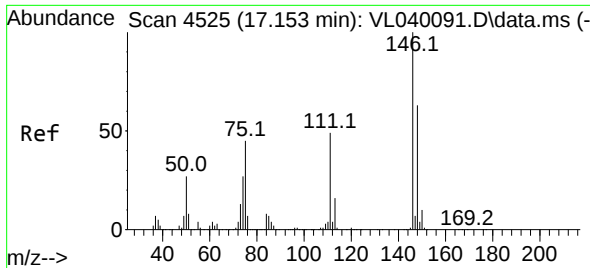


#76
1,4-Dichlorobenzene
Concen: 11.024 ppbv
RT: 16.452 min Scan# 4307
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40



Tgt Ion:146 Resp: 1454858
Ion Ratio Lower Upper
146 100
111 47.5 23.8 71.2
148 65.5 32.8 98.4





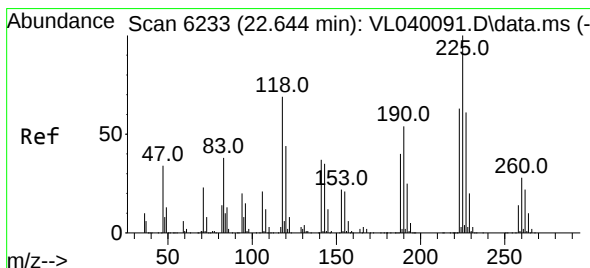
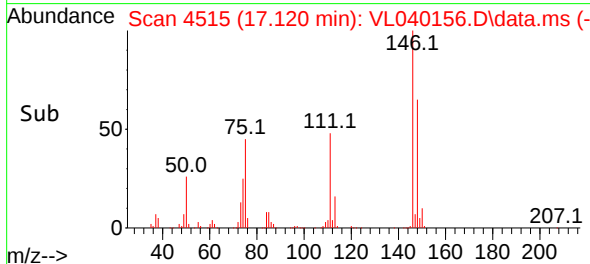
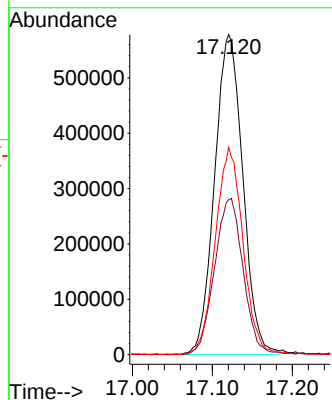
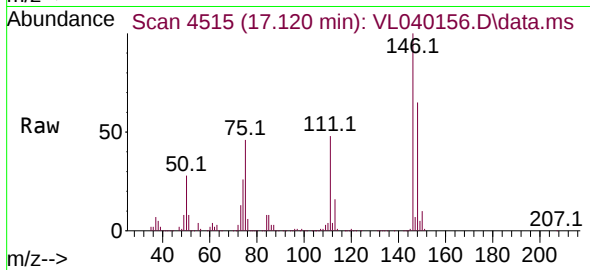
#77
1,2-Dichlorobenzene
Concen: 11.006 ppbv
RT: 17.120 min Scan# 4515
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1412769
Ion Ratio Lower Upper
146 100
111 49.9 25.1 75.2
148 63.7 32.4 97.0

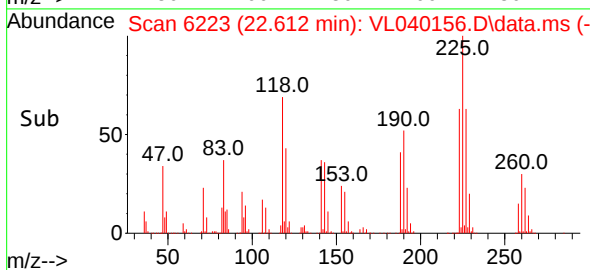
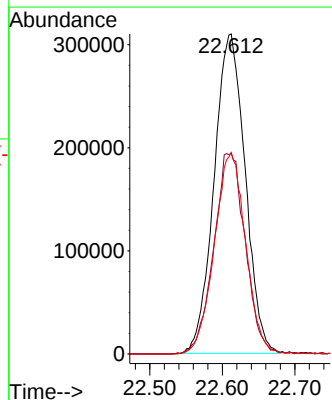
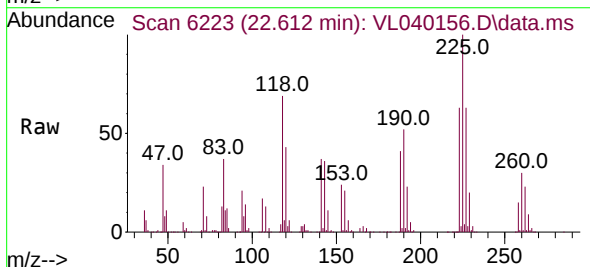
Manual Integrations
APPROVED

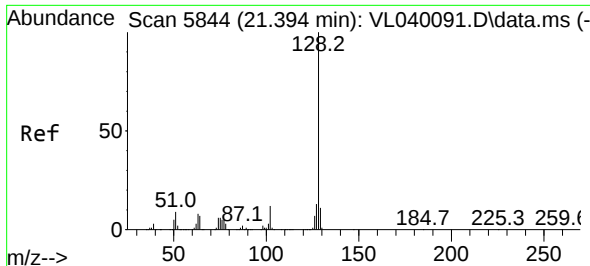
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#78
Hexachloro-1,3-Butadiene
Concen: 9.801 ppbv
RT: 22.612 min Scan# 6223
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

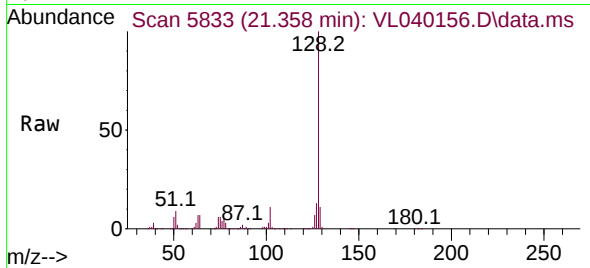
Tgt Ion:225 Resp: 921460
Ion Ratio Lower Upper
225 100
223 64.1 51.5 77.3
227 63.6 50.6 76.0





#79
Naphthalene
Concen: 13.883 ppbv
RT: 21.358 min Scan# 5833
Delta R.T. -0.019 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

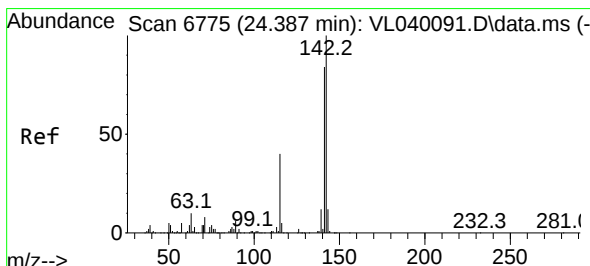
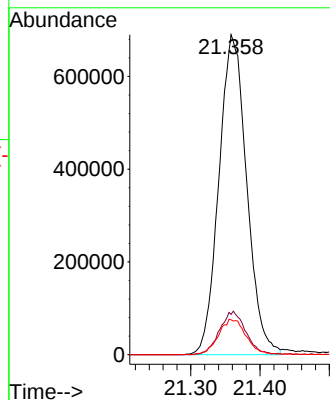
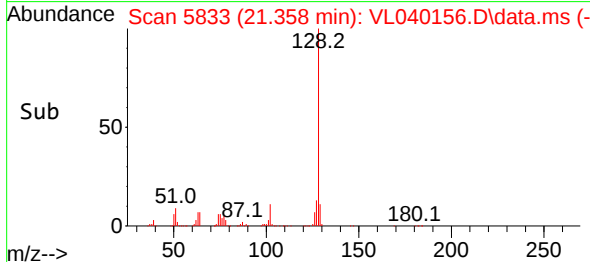
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 1922008
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.8 13.2

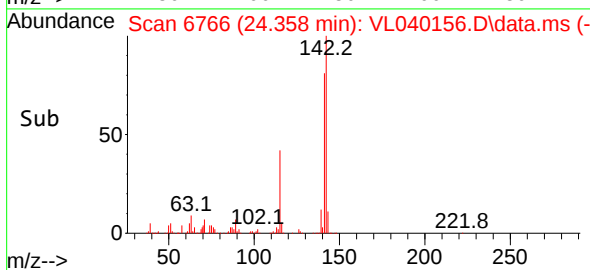
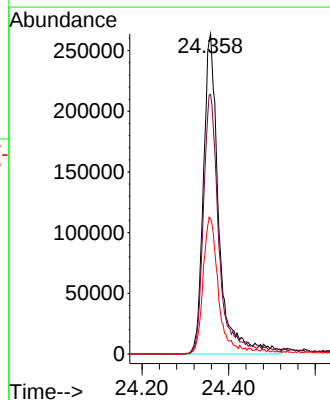
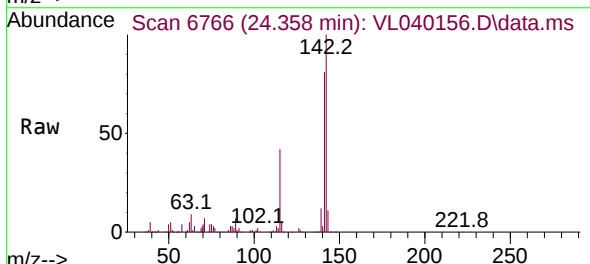
Manual Integrations
APPROVED

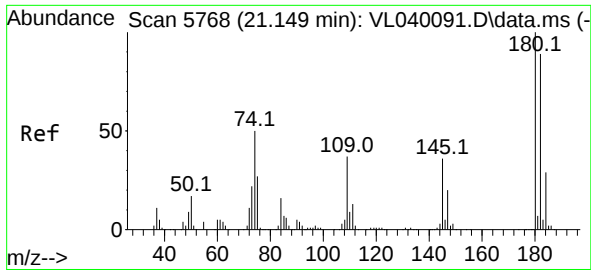
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#80
Naphthalene,2-methyl-
Concen: 13.982 ppbv
RT: 24.358 min Scan# 6766
Delta R.T. -0.016 min
Lab File: VL040156.D
Acq: 7 Feb 2023 8:40

Tgt Ion:142 Resp: 652270
Ion Ratio Lower Upper
142 100
141 80.7 65.0 97.6
115 42.2 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 11.763 ppbv

RT: 21.117 min Scan# 51

Delta R.T. -0.016 min

Lab File: VL040156.D

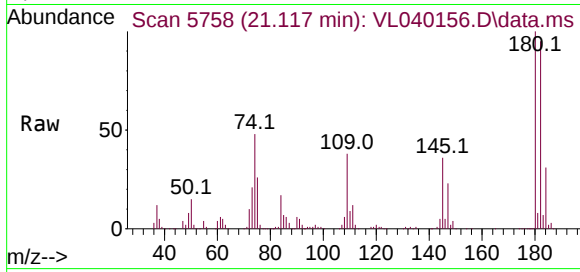
Acq: 7 Feb 2023 8:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 100373

Ion Ratio Lower Upper

180 100

182 95.4 78.6 117.8

184 30.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023

