

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
 Data File : VL040141.D
 Acq On : 6 Feb 2023 11:06
 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 02/07/2023
 Supervised By : Mahesh Dadoda 02/08/2023

Quant Time: Feb 07 05:49:48 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	5.185	49	888474	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2383398	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2322161	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 1813232 9.395 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	1833093	11.767	ppbv	97
3) Chlorodifluoromethane	2.661	51	1057741	9.926	ppbv	98
4) Chloromethane	2.800	50	668724	10.153	ppbv	99
5) Vinyl Chloride	2.909	62	577246	10.337	ppbv	98
6) Bromomethane	3.108	94	197576	9.697	ppbv	99
7) Chloroethane	3.185	64	195829	9.175	ppbv	99
8) Dichlorotetrafluoroethane	2.845	85	1464980	10.074	ppbv	100
9) Propene	2.681	41	437084	9.872	ppbv	99
10) Heptane	7.578	43	1092816	10.709	ppbv	99
11) Trichlorofluoromethane	3.552	101	1542776	9.924	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.057	101	1166553	9.981	ppbv	99
13) Ethanol	3.234	45	31796m	7.802	ppbv	
14) Bromoethene	3.353	108	456074	10.512	ppbv	99
15) Acetone	3.456	43	1006292	9.444	ppbv	99
16) 1,3-Butadiene	2.973	39	510802	10.282	ppbv	99
17) tert-Butyl alcohol	3.867	59	990178	9.979	ppbv	100
18) 1,1-Dichloroethene	3.870	96	508334	10.010	ppbv	96
19) Isopropyl Alcohol	3.565	45	473542	9.083	ppbv #	98
20) Methylene Chloride	3.922	84	432196	9.194	ppbv	100
21) Allyl Chloride	3.986	41	708626	10.357	ppbv	98
22) trans-1,2-Dichloroethene	4.436	96	527170	10.160	ppbv	95
23) Vinyl Acetate	4.616	43	354249m	10.256	ppbv	
24) 1,1-Dichloroethane	4.555	63	1049798	10.037	ppbv	99
25) Ethyl Acetate	5.198	43	1940275	10.336	ppbv	99
26) Hexane	5.205	57	813053	9.897	ppbv	100
27) Carbon Disulfide	4.115	76	1252970	11.773	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	955864	10.343	ppbv	100
29) Chloroform	5.266	83	1435074	10.926	ppbv	96
30) Cyclohexane	6.594	84	707881	10.839	ppbv	98
31) cis-1,2-Dichloroethene	5.070	61	798386	10.039	ppbv	97
32) 1,1,1-Trichloroethane	5.996	97	1465291	10.976	ppbv	100
34) 2-Butanone	4.777	43	1137399	10.089	ppbv	100
35) Carbon Tetrachloride	6.491	117	1542575	11.447	ppbv	97
36) Benzene	6.365	78	1795350	10.179	ppbv	98
37) 1,2-Dichloroethane	5.799	62	1135720	10.018	ppbv	100
38) Trichloroethene	7.288	130	1064612	10.635	ppbv	98
39) 1,2-Dichloropropane	7.070	63	690724	10.012	ppbv	94
40) 1,4-Dioxane	7.282	88	244491	8.930	ppbv	70
41) Tetrahydrofuran	5.552	42	682328	10.486	ppbv	99
42) Bromodichloromethane	7.246	83	1611337	10.526	ppbv	99
43) Methyl Methacrylate	7.471	69	716280	11.067	ppbv	98
44) 2,2,4-Trimethylpentane	7.320	57	2994905	10.210	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	689926	11.954	ppbv	100

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

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

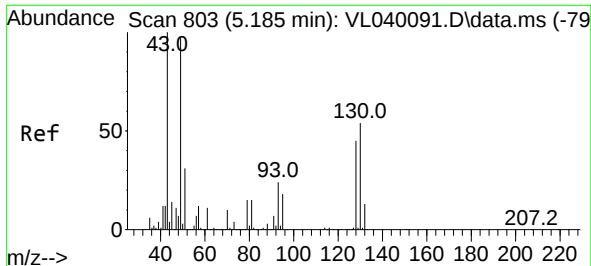
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	940274	11.922	ppbv	97
47) 1,1,2-Trichloroethane	8.899	97	720023	9.913	ppbv	98
48) Dibromochloromethane	9.713	129	1262352	10.813	ppbv	100
49) Bromoform	12.410	173	965877	10.740	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	1840252	10.378	ppbv	100
51) 2-Hexanone	9.549	43	1410668	10.500	ppbv	98
52) Tetrachloroethene	10.616	164	604500	10.477	ppbv	98
53) Toluene	9.221	91	2020104	10.739	ppbv	100
54) 1,2-Dibromoethane	10.012	107	812946	10.690	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.510	131	899656	9.954	ppbv	98
57) Chlorobenzene	11.529	112	1527684	9.651	ppbv	96
58) Ethyl Benzene	12.089	91	2720883	10.500	ppbv	100
59) m/p-Xylene	12.372	91	4699671m	20.170	ppbv	
60) o-Xylene	13.063	91	2237931	10.119	ppbv	100
61) Styrene	12.899	104	1265196	10.978	ppbv	99
62) Isopropylbenzene	14.034	105	3132688	9.848	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	735558	9.160	ppbv	98
64) n-propylbenzene	14.918	120	788123	9.966	ppbv	100
65) tert-Butylbenzene	16.092	119	2767403	10.161	ppbv	99
66) Benzyl Chloride	16.330	91	182621	9.811	ppbv #	94
67) sec-Butylbenzene	16.642	105	3946330	10.221	ppbv	100
69) p-Isopropyltoluene	16.998	119	3183297	10.492	ppbv	100
70) n-Butylbenzene	17.889	91	3429069	10.480	ppbv	100
71) 2-Chlorotoluene	14.802	91	2425210	9.913	ppbv	100
72) 4-Ethyltoluene	15.198	105	2528620	10.303	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	2257543	10.216	ppbv	99
74) 1,2,4-Trimethylbenzene	16.111	105	2484217	10.149	ppbv	97
75) 1,3-Dichlorobenzene	16.336	146	1376132	10.122	ppbv	100
76) 1,4-Dichlorobenzene	16.478	146	1345411	10.065	ppbv	100
77) 1,2-Dichlorobenzene	17.146	146	1357301	10.440	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	828997	8.706	ppbv	99
79) Naphthalene	21.390	128	1796514	12.812	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	273841	5.796	ppbv	97
81) 1,2,4-Trichlorobenzene	21.146	180	959683	11.104	ppbv	98

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

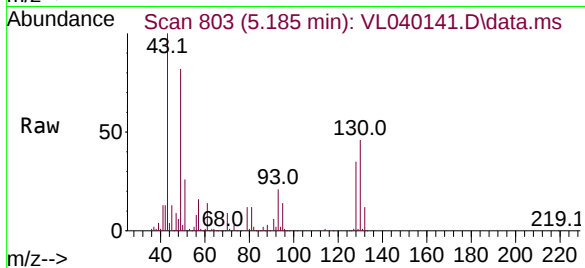
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

[illegible]



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

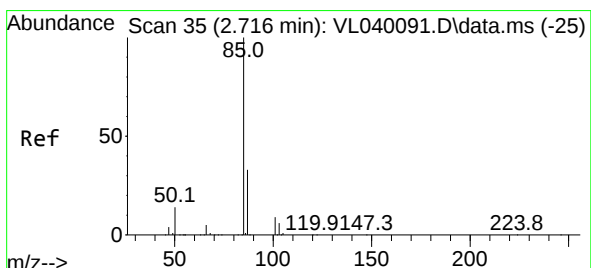
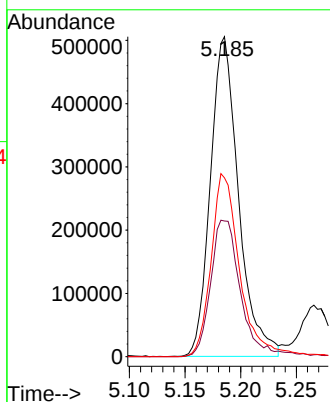
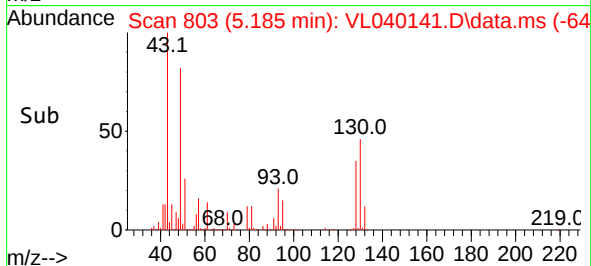
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



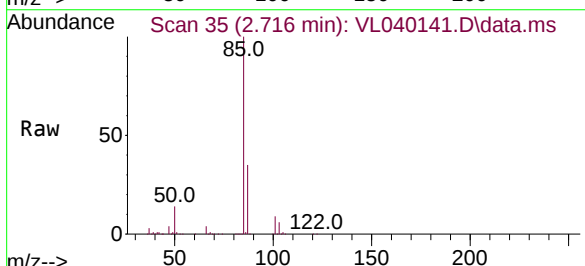
Tgt Ion: 49 Resp: 888474
Ion Ratio Lower Upper
49 100
128 46.1 23.6 71.0
130 59.0 29.8 89.3

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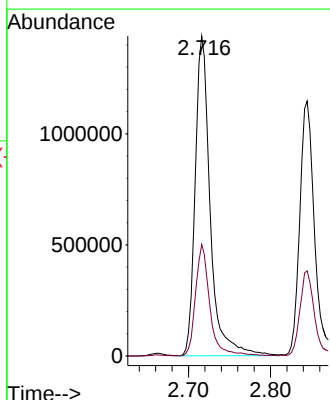
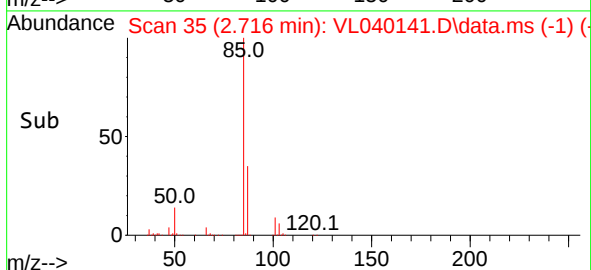
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

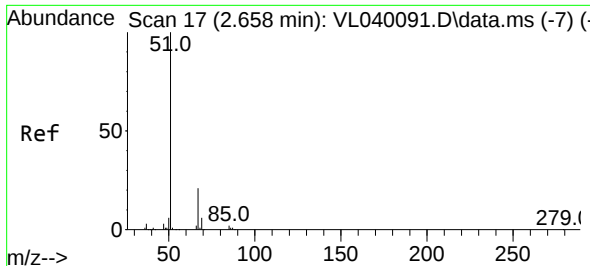


#2
Dichlorodifluoromethane
Concen: 11.767 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.003 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06



Tgt Ion: 85 Resp: 1833093
Ion Ratio Lower Upper
85 100
87 34.8 26.5 39.7





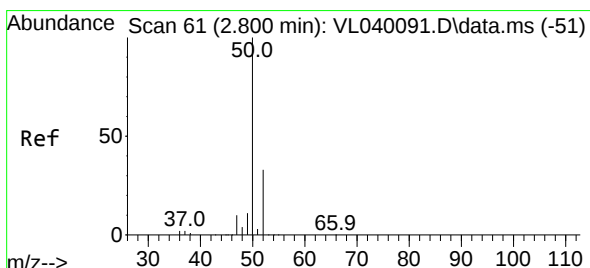
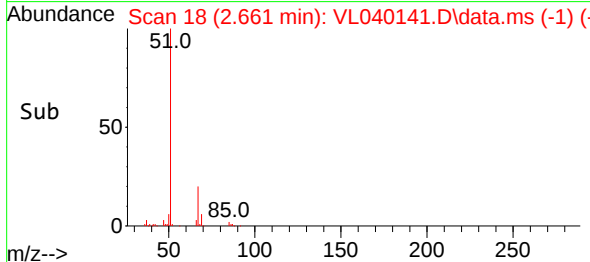
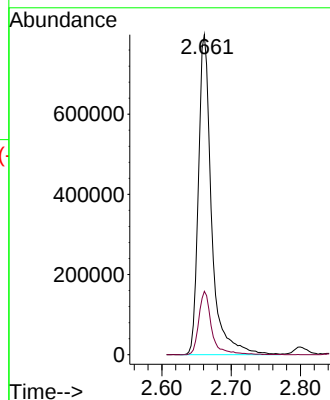
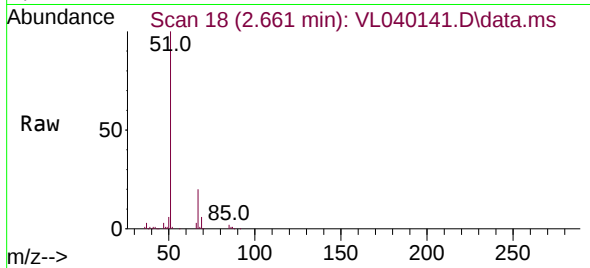
#3
Chlorodifluoromethane
Concen: 9.926 ppbv
RT: 2.661 min Scan# 18
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 105774
Ion Ratio Lower Upper
51 100
67 19.4 16.4 24.6

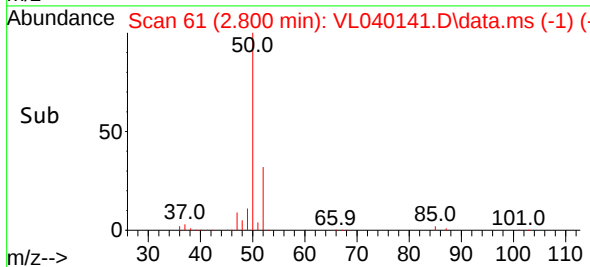
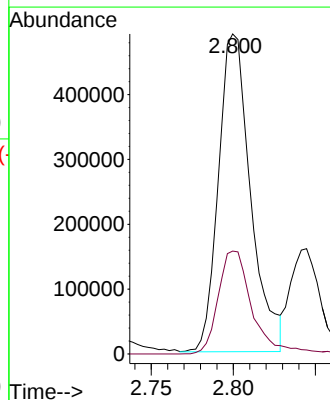
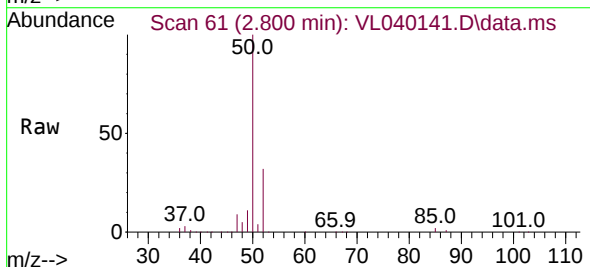
Manual Integrations
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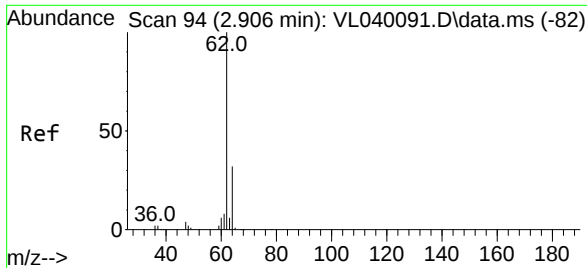
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#4
Chloromethane
Concen: 10.153 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

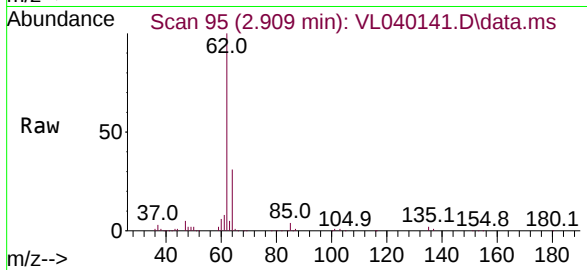
Tgt Ion: 50 Resp: 668724
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7





#5
 Vinyl Chloride
 Concen: 10.337 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.007 min
 Lab File: VL040141.D
 Acq: 6 Feb 2023 11:06

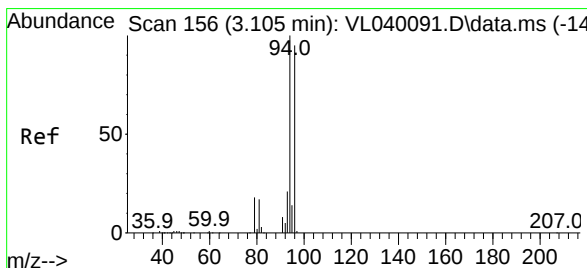
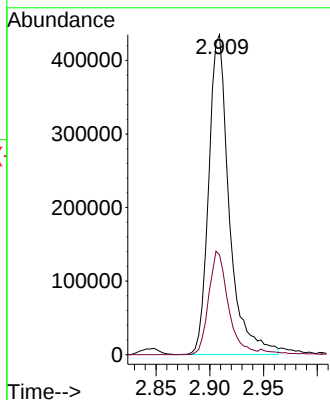
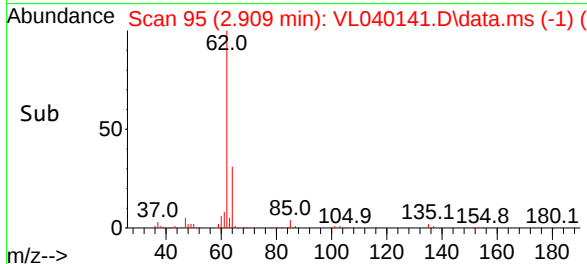
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 577240
 Ion Ratio Lower Upper
 62 100
 64 31.2 25.8 38.6

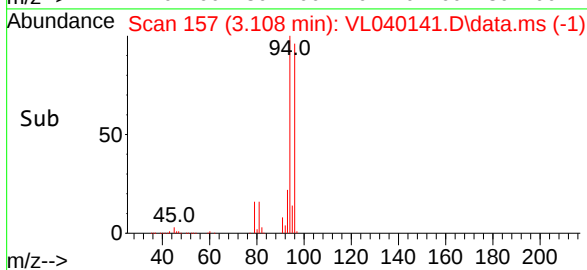
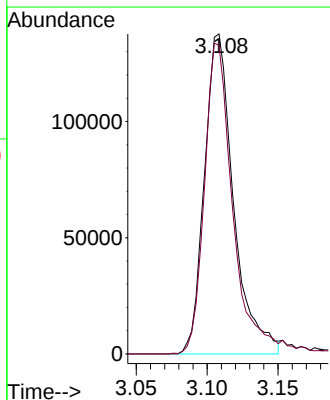
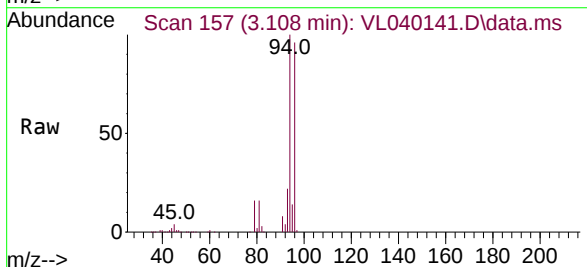
Manual Integrations
 APPROVED

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



#6
 Bromomethane
 Concen: 9.697 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.007 min
 Lab File: VL040141.D
 Acq: 6 Feb 2023 11:06

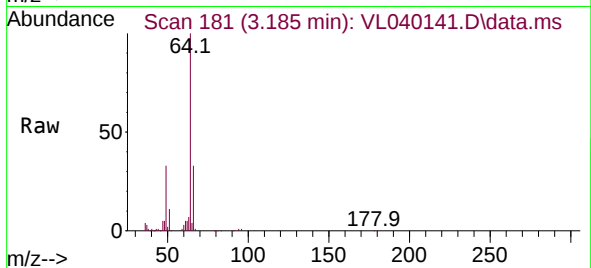
Tgt Ion: 94 Resp: 197576
 Ion Ratio Lower Upper
 94 100
 96 96.3 76.2 114.2





#7
Chloroethane
Concen: 9.175 ppbv
RT: 3.185 min Scan# 181
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

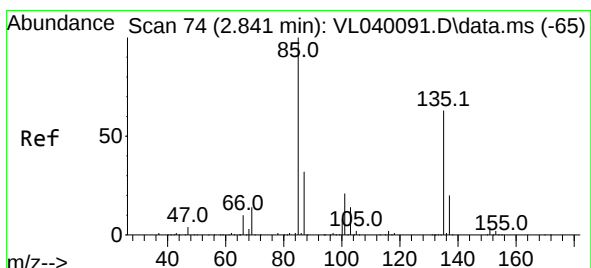
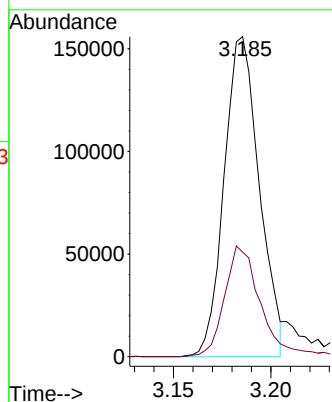
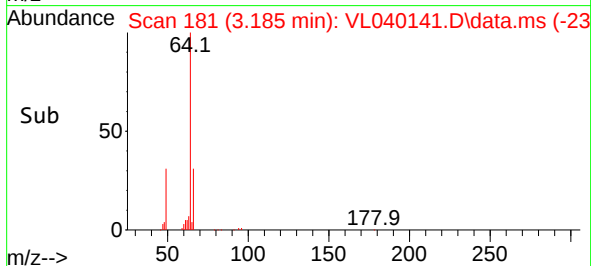
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 195829
Ion Ratio Lower Upper
64 100
66 32.7 25.6 38.4

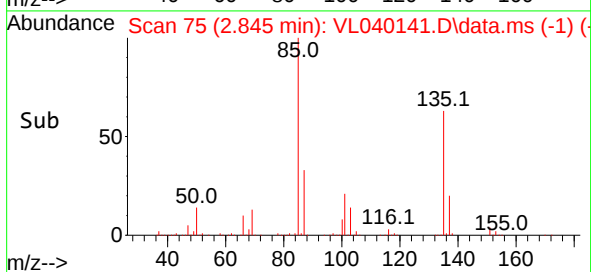
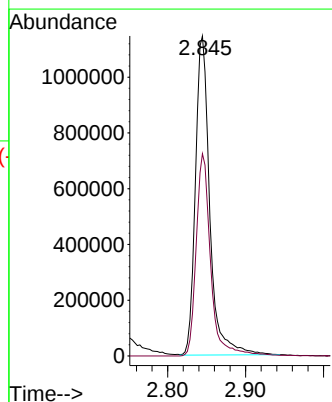
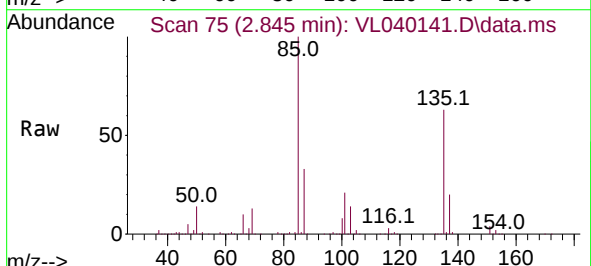
Manual Integrations
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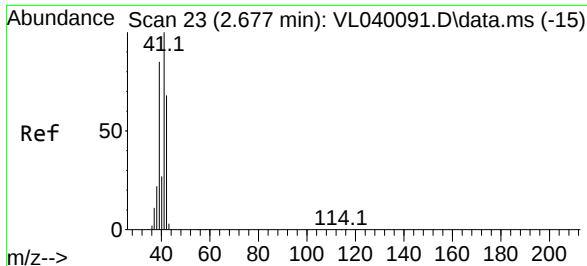
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#8
Dichlorotetrafluoroethane
Concen: 10.074 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.006 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

Tgt Ion: 85 Resp: 1464980
Ion Ratio Lower Upper
85 100
135 64.2 51.4 77.2





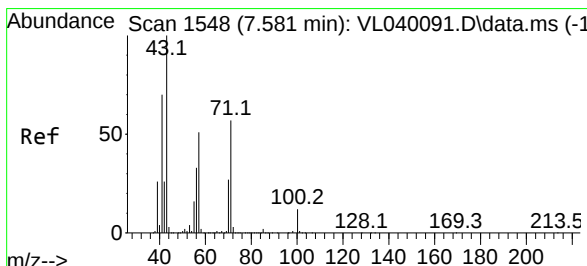
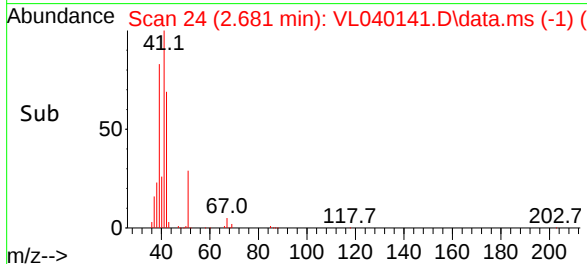
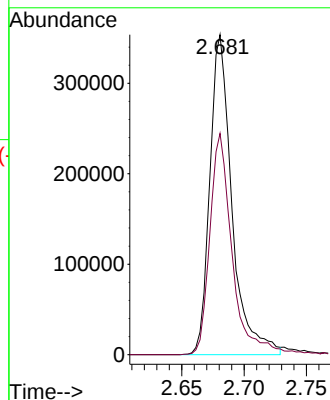
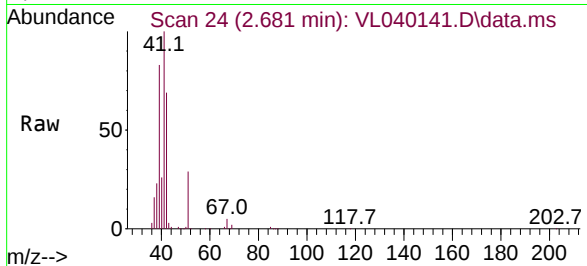
#9
Propene
Concen: 9.872 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 437084
Ion Ratio Lower Upper
41 100
42 70.7 55.6 83.4

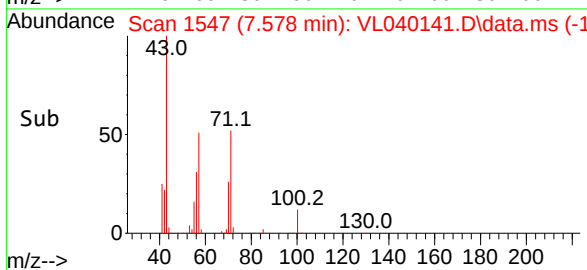
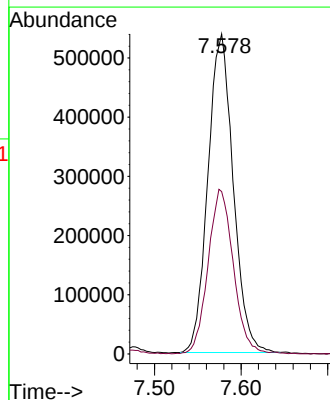
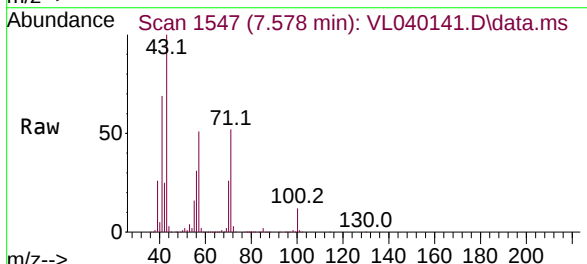
Manual Integrations
APPROVED

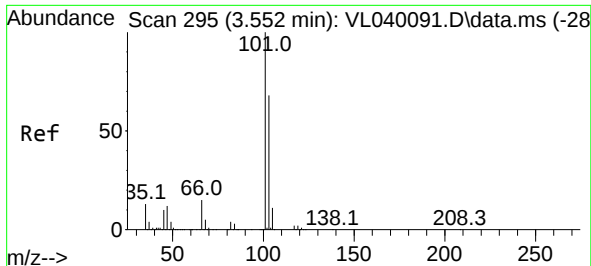
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#10
Heptane
Concen: 10.709 ppbv
RT: 7.578 min Scan# 1547
Delta R.T. 0.010 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

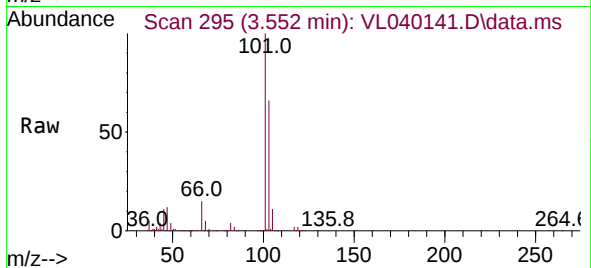
Tgt Ion: 43 Resp: 1092816
Ion Ratio Lower Upper
43 100
57 51.7 40.9 61.3





#11
 Trichlorofluoromethane
 Concen: 9.924 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. 0.006 min
 Lab File: VL040141.D
 Acq: 6 Feb 2023 11:06

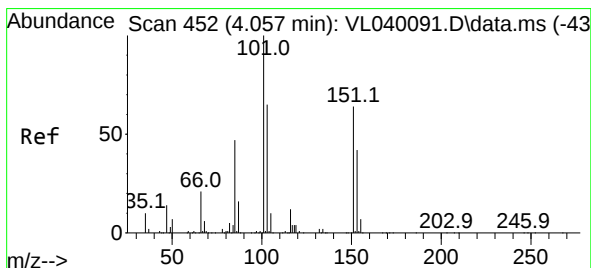
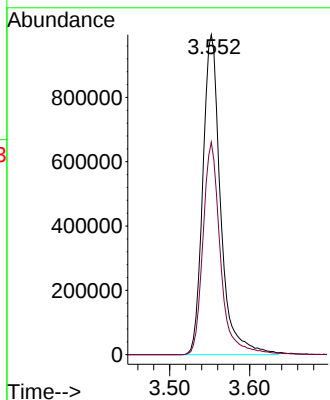
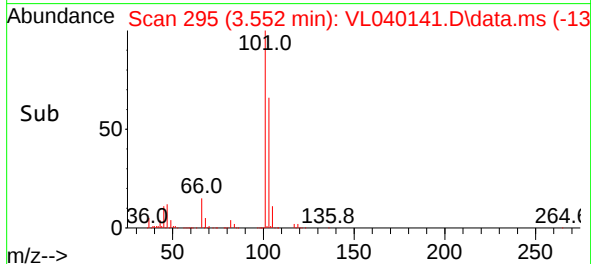
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



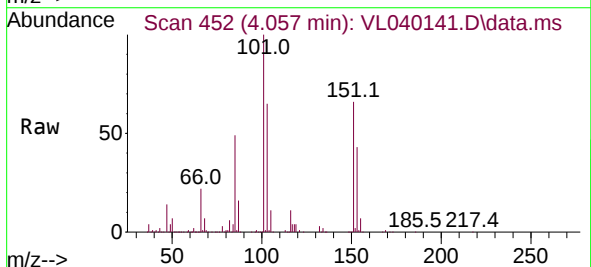
Tgt Ion:101 Resp: 1542770
 Ion Ratio Lower Upper
 101 100
 103 66.4 54.0 81.0

Manual Integrations
 APPROVED

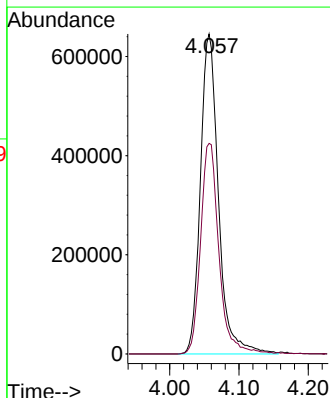
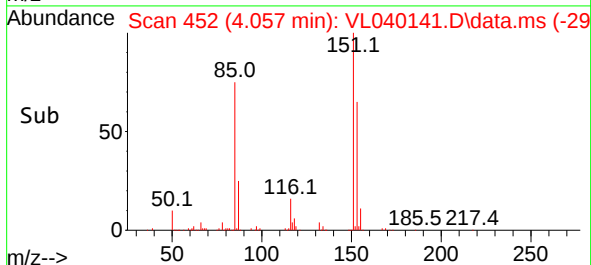
Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023

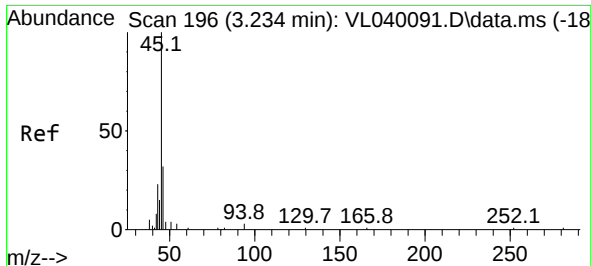


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.981 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.010 min
 Lab File: VL040141.D
 Acq: 6 Feb 2023 11:06



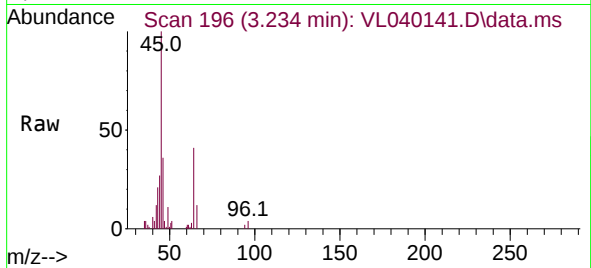
Tgt Ion:101 Resp: 1166553
 Ion Ratio Lower Upper
 101 100
 151 67.1 53.2 79.8





#13
Ethanol
Concen: 7.802 ppbv m
RT: 3.234 min Scan# 196
Delta R.T. 0.006 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

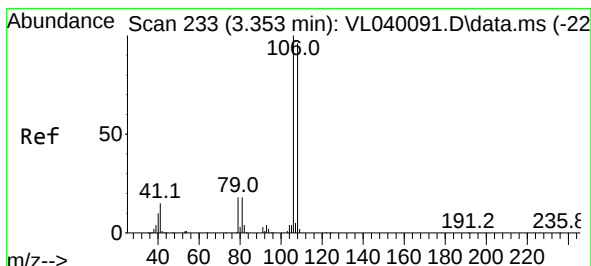
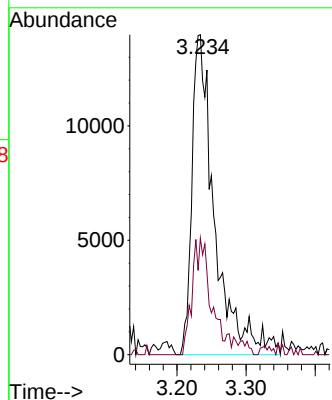
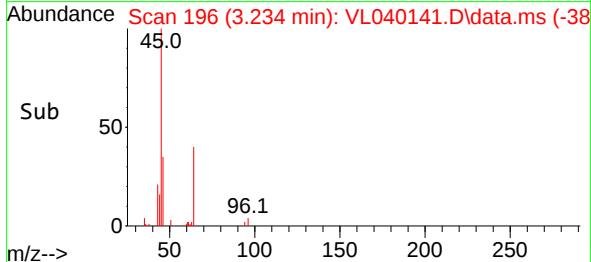
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



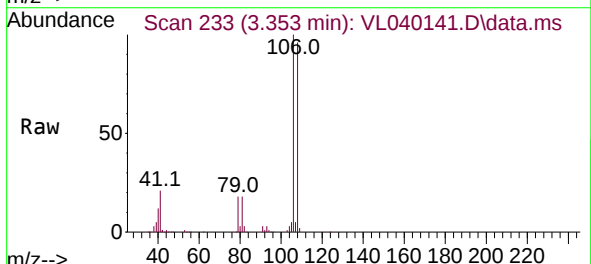
Tgt Ion: 45 Resp: 31790
Ion Ratio Lower Upper
45 100
46 33.4 14.8 59.2

Manual Integrations
APPROVED

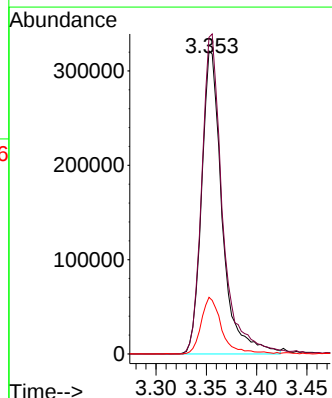
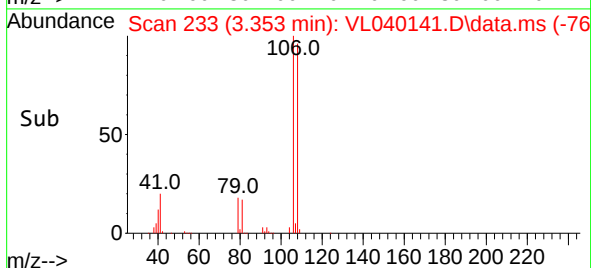
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

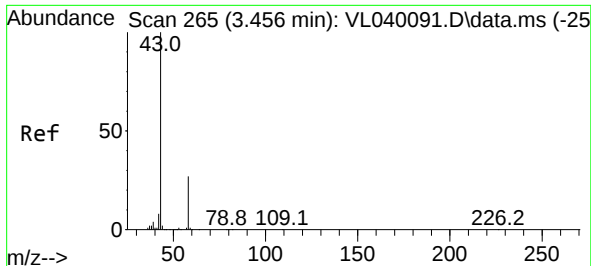


#14
Bromoethene
Concen: 10.512 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.003 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06



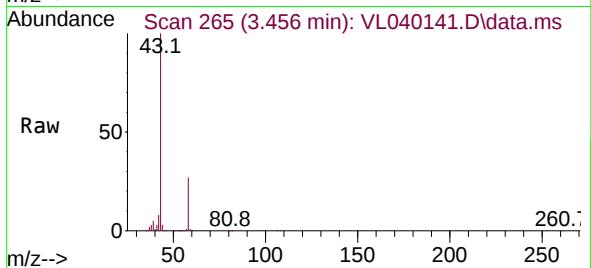
Tgt Ion:108 Resp: 456074
Ion Ratio Lower Upper
108 100
106 108.2 87.0 130.6
79 19.2 16.1 24.1





#15
Acetone
Concen: 9.444 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

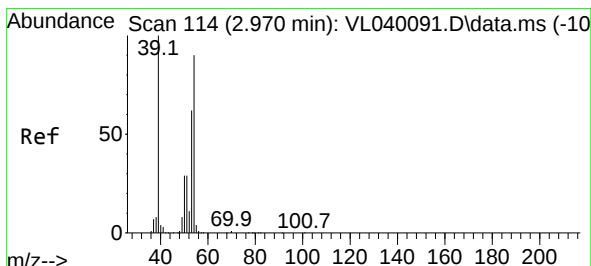
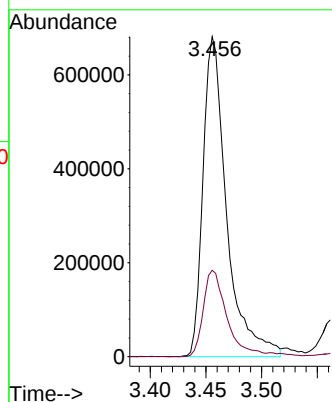
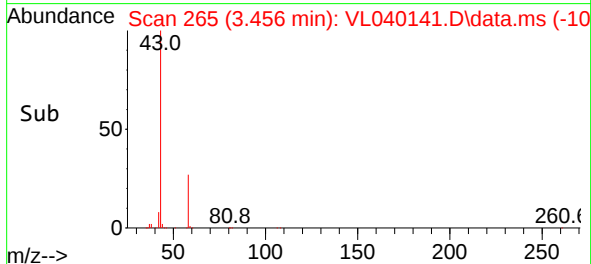
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



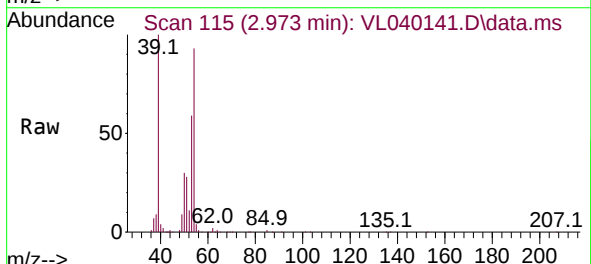
Tgt Ion: 43 Resp: 100629
Ion Ratio Lower Upper
43 100
58 27.9 21.8 32.8

Manual Integrations
APPROVED

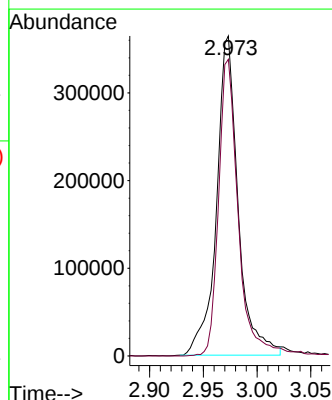
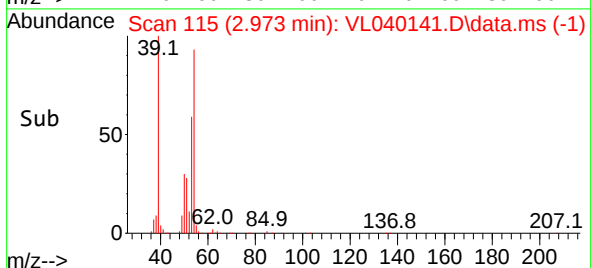
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

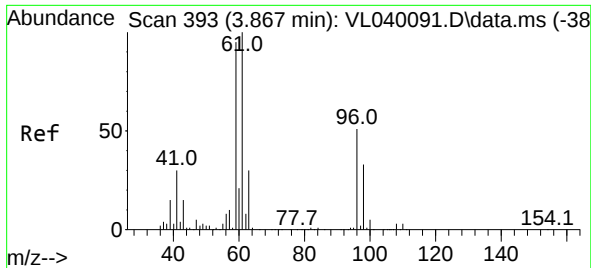


#16
1,3-Butadiene
Concen: 10.282 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06



Tgt Ion: 39 Resp: 510802
Ion Ratio Lower Upper
39 100
54 85.8 67.9 101.9





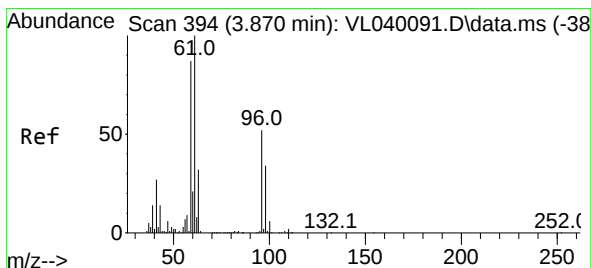
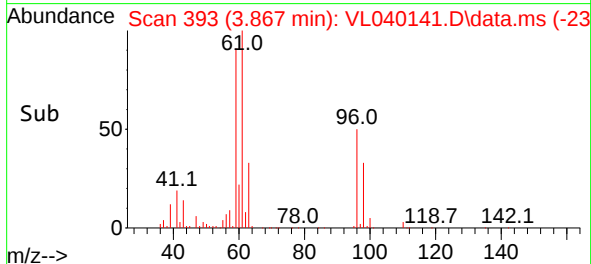
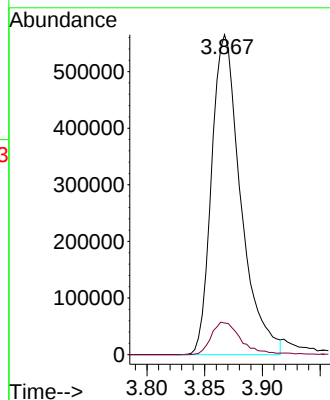
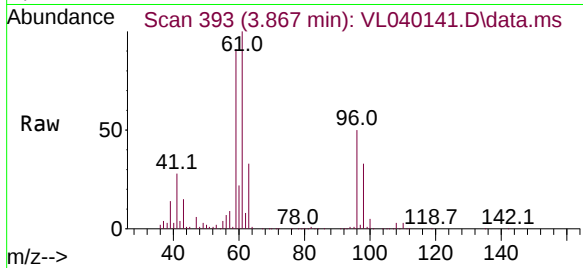
#17
tert-Butyl alcohol
Concen: 9.979 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.006 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 990178
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

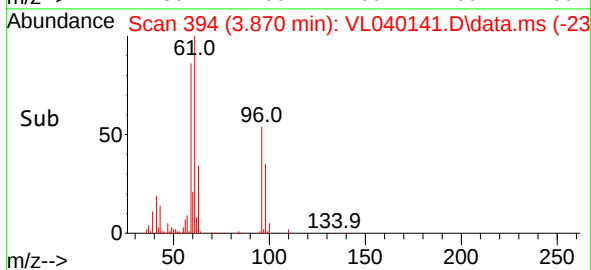
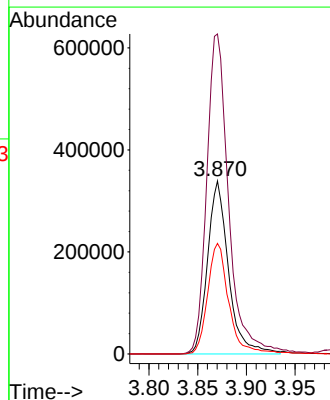
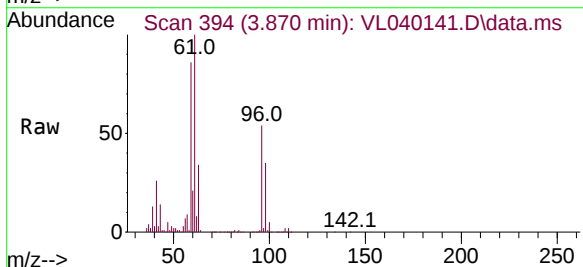
Manual Integrations
APPROVED

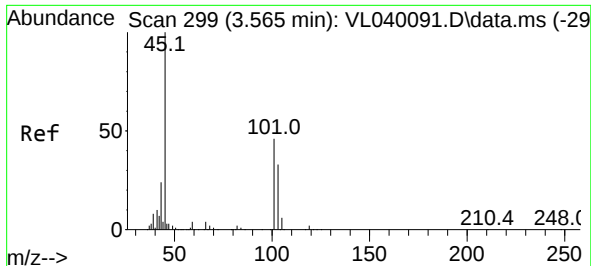
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#18
1,1-Dichloroethene
Concen: 10.010 ppbv
RT: 3.870 min Scan# 394
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

Tgt Ion: 96 Resp: 508334
Ion Ratio Lower Upper
96 100
61 185.0 153.0 229.4
98 63.9 52.7 79.1





#19

Isopropyl Alcohol

Concen: 9.083 ppbv

RT: 3.565 min Scan# 299

Delta R.T. 0.007 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 47354

Ion Ratio Lower Upper

45 100

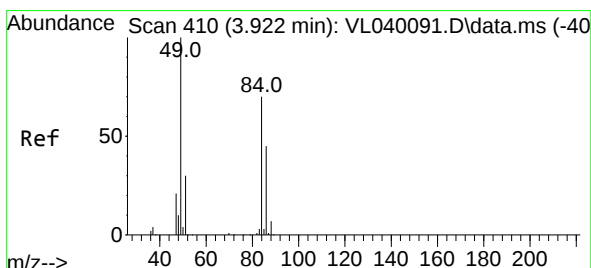
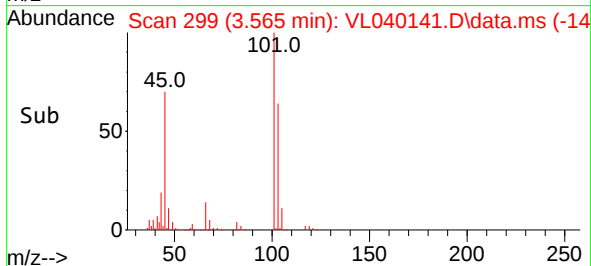
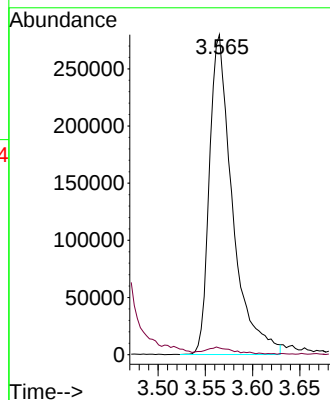
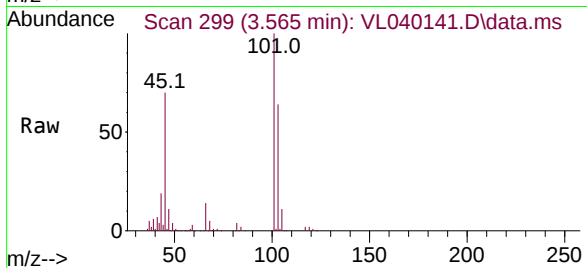
58 2.6 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#20

Methylene Chloride

Concen: 9.194 ppbv

RT: 3.922 min Scan# 410

Delta R.T. 0.007 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Tgt Ion: 84 Resp: 432196

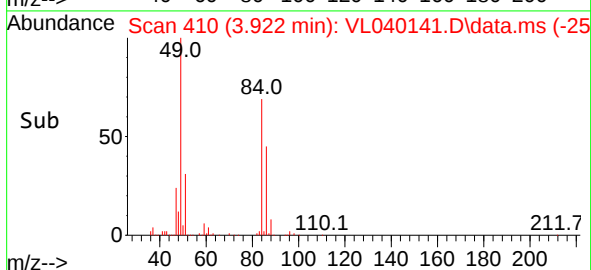
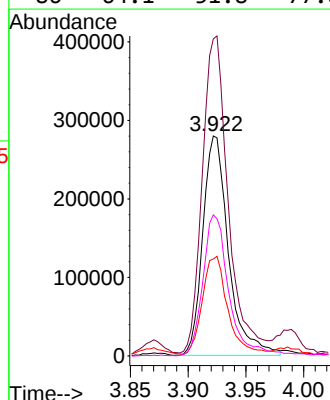
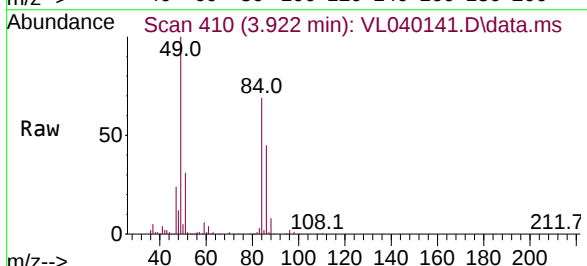
Ion Ratio Lower Upper

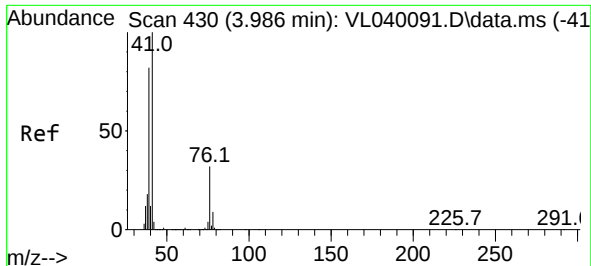
84 100

49 143.2 114.6 171.8

51 43.3 34.3 51.5

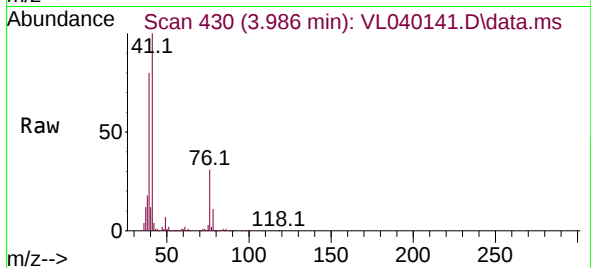
86 64.1 51.8 77.8





#21
 Allyl Chloride
 Concen: 10.357 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040141.D
 Acq: 6 Feb 2023 11:06

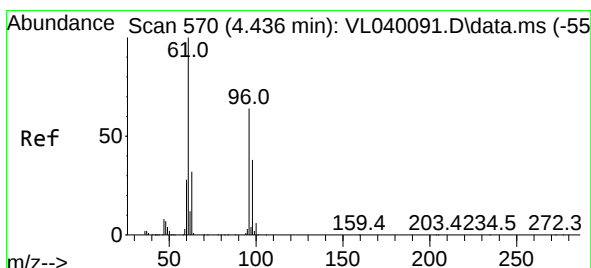
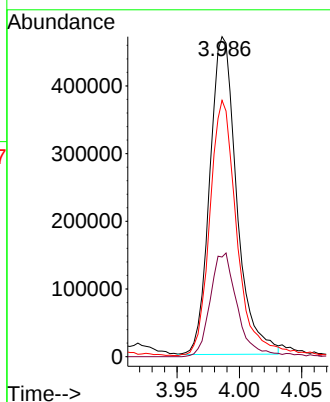
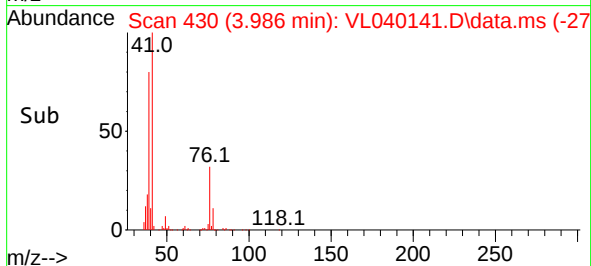
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



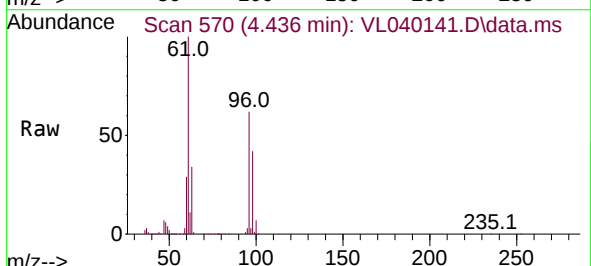
Tgt Ion: 41 Resp: 708620
 Ion Ratio Lower Upper
 41 100
 76 33.2 25.9 38.9
 39 81.4 66.8 100.2

Manual Integrations
 APPROVED

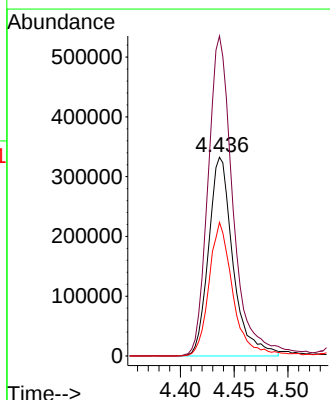
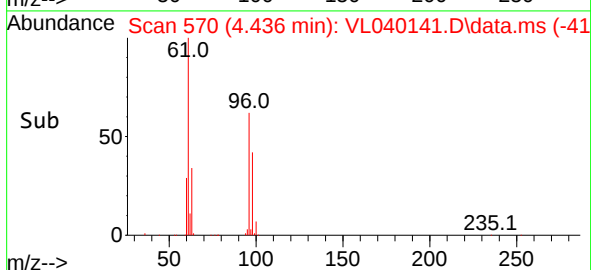
Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023

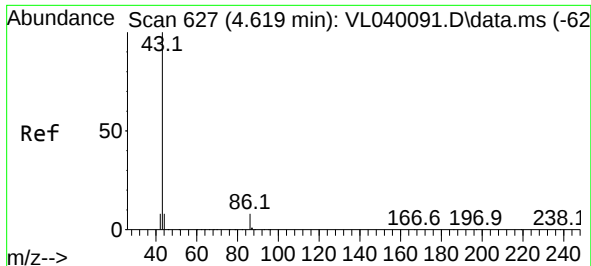


#22
 trans-1,2-Dichloroethene
 Concen: 10.160 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. 0.007 min
 Lab File: VL040141.D
 Acq: 6 Feb 2023 11:06



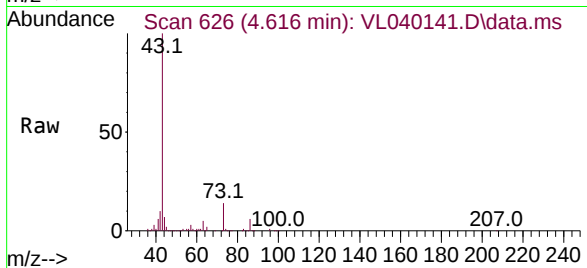
Tgt Ion: 96 Resp: 527170
 Ion Ratio Lower Upper
 96 100
 61 161.0 125.8 188.8
 98 67.1 47.4 71.2





#23
 Vinyl Acetate
 Concen: 10.256 ppbv m
 RT: 4.616 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040141.D
 Acq: 6 Feb 2023 11:06

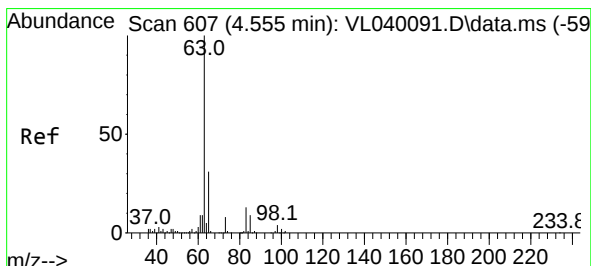
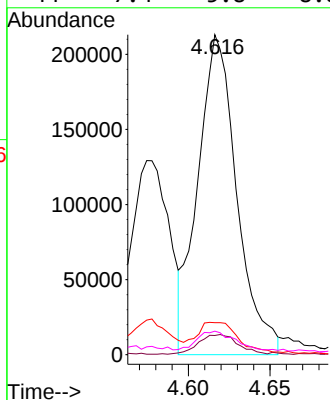
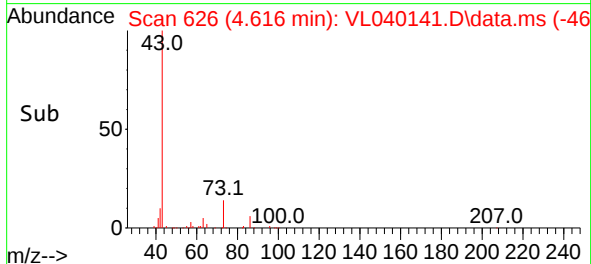
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 354249
 Ion Ratio Lower Upper
 43 100
 86 6.0 5.6 8.4
 42 10.0 7.7 11.5
 44 7.4 5.8 8.8

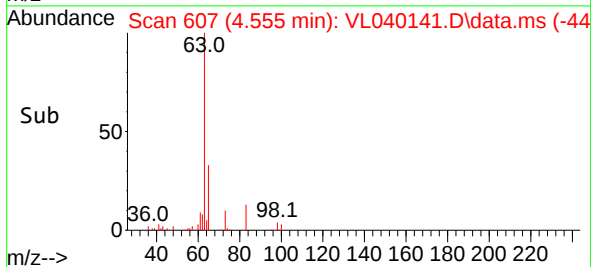
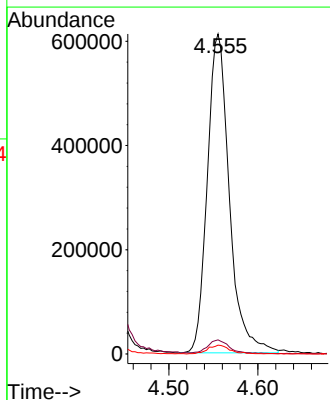
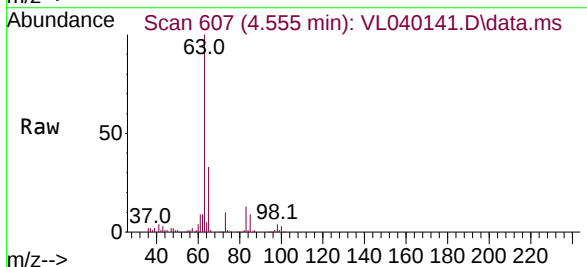
Manual Integrations
 APPROVED

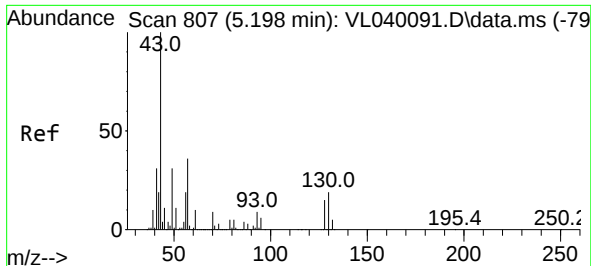
Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#24
 1,1-Dichloroethane
 Concen: 10.037 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. 0.007 min
 Lab File: VL040141.D
 Acq: 6 Feb 2023 11:06

Tgt Ion: 63 Resp: 1049798
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.0 5.8
 100 2.7 1.1 3.5





#25

Ethyl Acetate

Concen: 10.336 ppbv

RT: 5.198 min Scan# 807

Delta R.T. 0.010 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 1940279

Ion Ratio Lower Upper

43 100

45 10.3 8.5 12.7

61 10.3 8.4 12.6

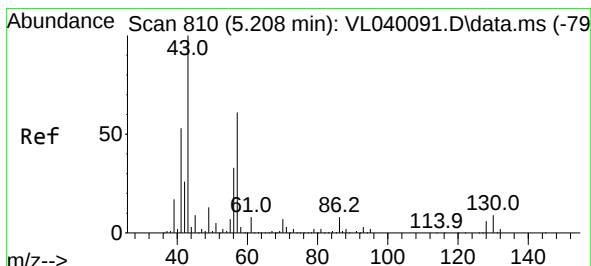
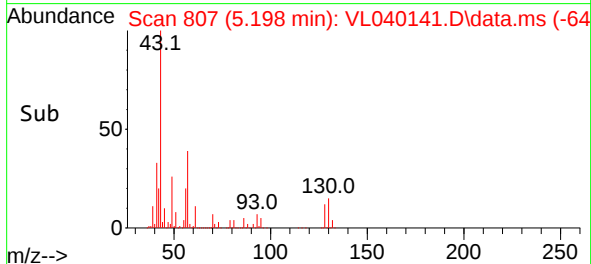
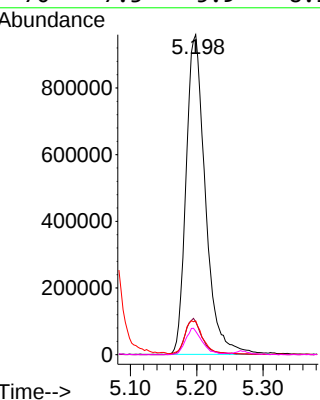
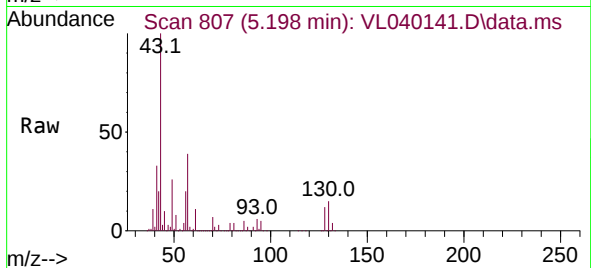
70 7.3 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#26

Hexane

Concen: 9.897 ppbv

RT: 5.205 min Scan# 809

Delta R.T. 0.006 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Tgt Ion: 57 Resp: 813053

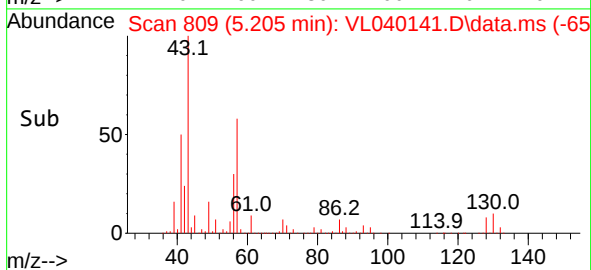
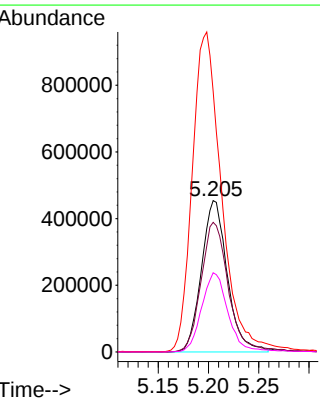
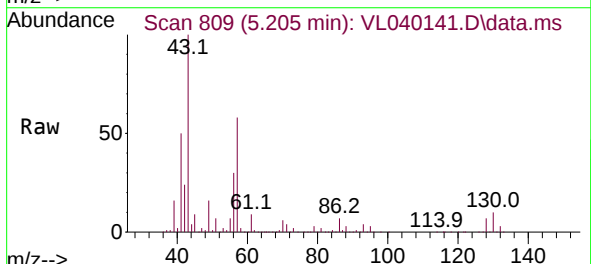
Ion Ratio Lower Upper

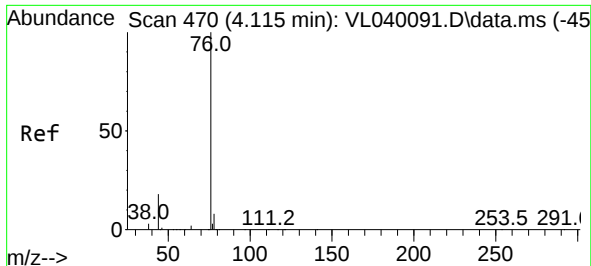
57 100

41 91.2 72.2 108.4

43 240.1 192.1 288.1

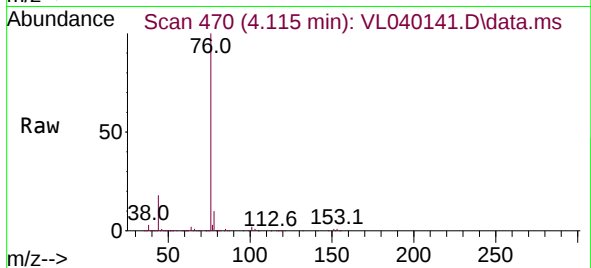
56 53.7 42.9 64.3





#27
Carbon Disulfide
Concen: 11.773 ppbv
RT: 4.115 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

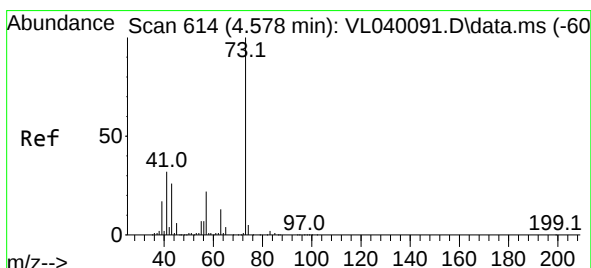
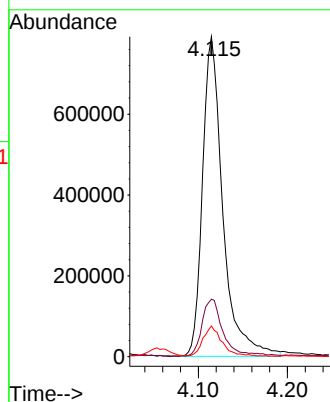
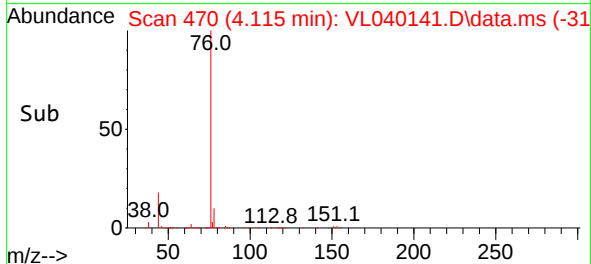
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1252970
Ion Ratio Lower Upper
76 100
44 18.6 14.9 22.3
78 9.3 8.2 12.2

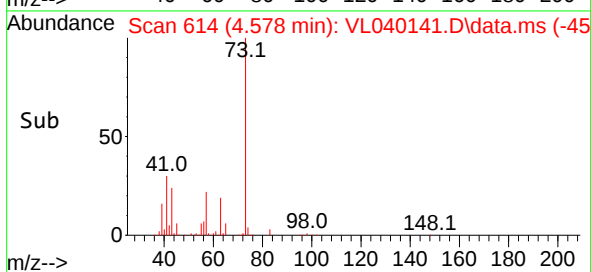
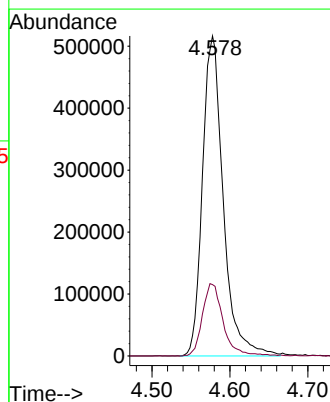
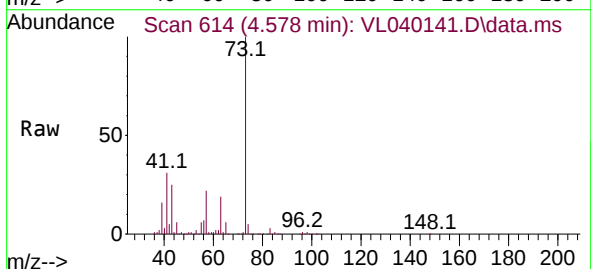
Manual Integrations
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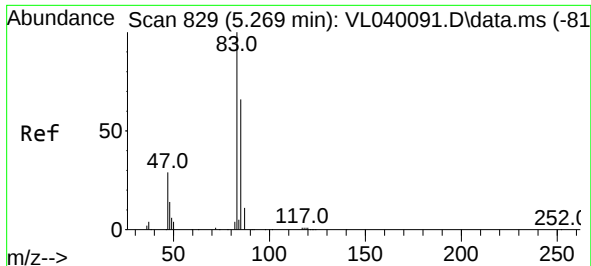
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#28
Methyl tert-Butyl Ether
Concen: 10.343 ppbv
RT: 4.578 min Scan# 614
Delta R.T. 0.010 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

Tgt Ion: 73 Resp: 955864
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5





#29

Chloroform

Concen: 10.926 ppbv

RT: 5.266 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1435074

Ion Ratio Lower Upper

83 100

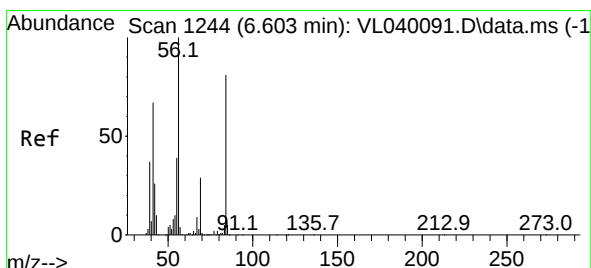
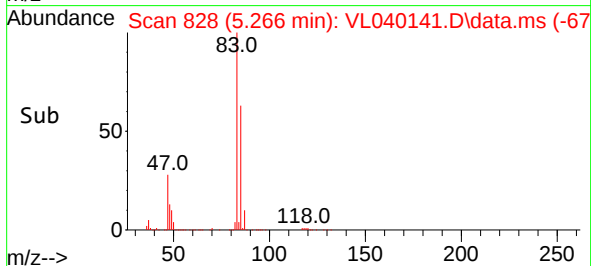
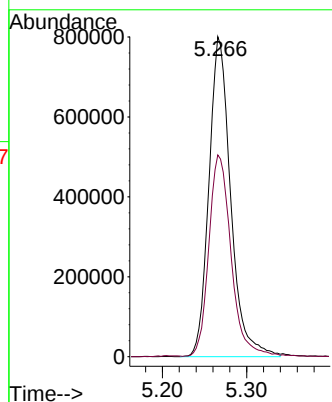
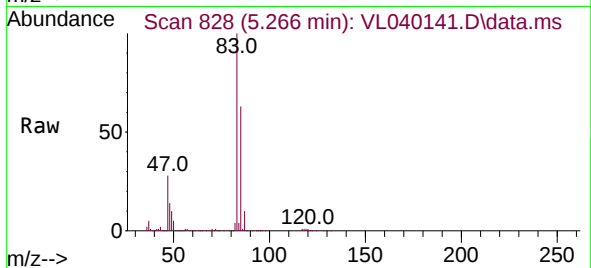
85 62.9 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#30

Cyclohexane

Concen: 10.839 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.003 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

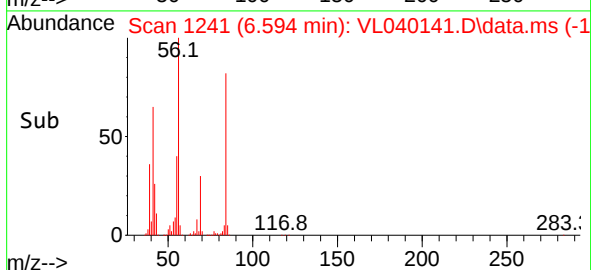
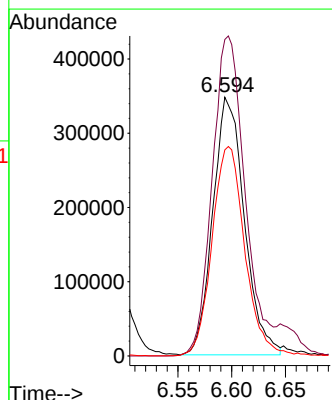
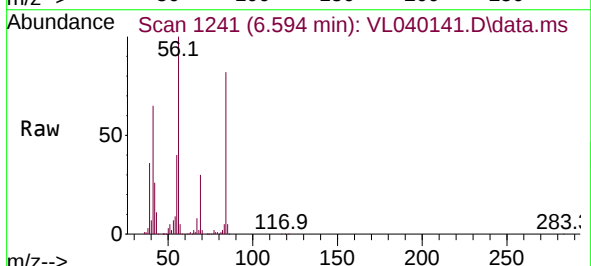
Tgt Ion: 84 Resp: 707881

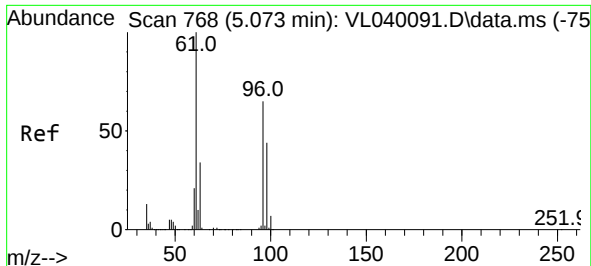
Ion Ratio Lower Upper

84 100

56 138.2 111.5 167.3

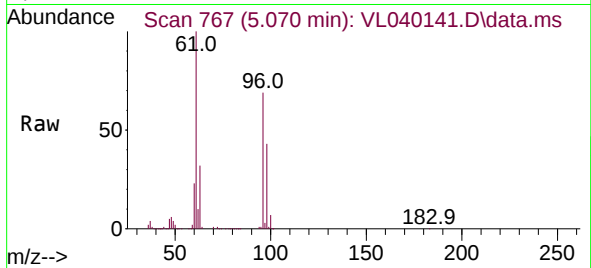
41 84.8 71.4 107.0





#31
 cis-1,2-Dichloroethene
 Concen: 10.039 ppbv
 RT: 5.070 min Scan# 768
 Delta R.T. 0.007 min
 Lab File: VL040141.D
 Acq: 6 Feb 2023 11:06

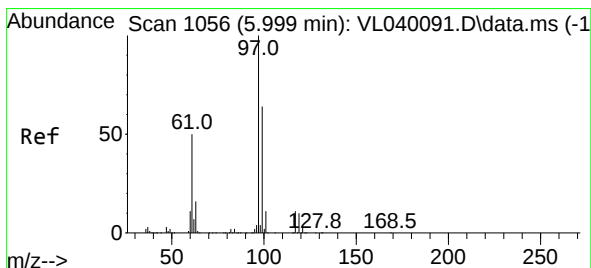
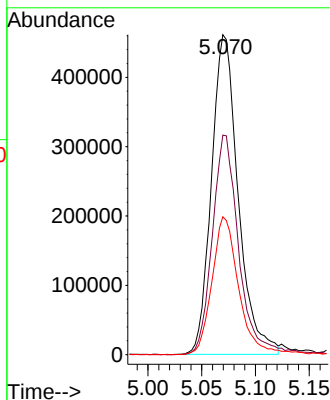
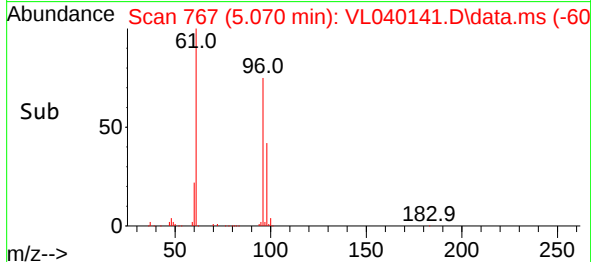
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 798380
 Ion Ratio Lower Upper
 61 100
 96 68.6 52.0 78.0
 98 43.1 35.3 52.9

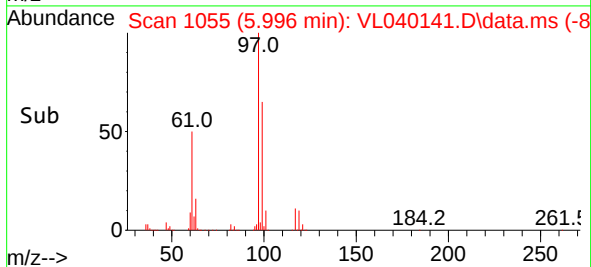
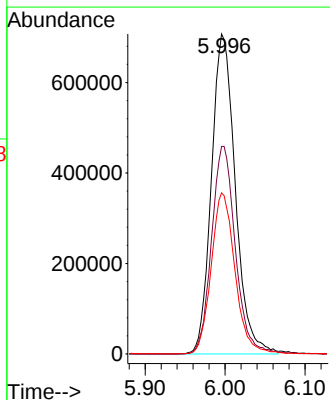
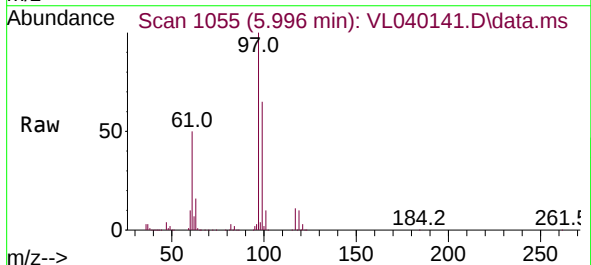
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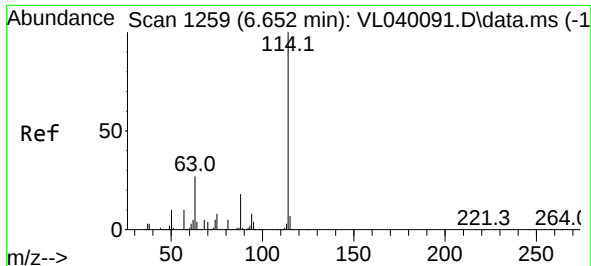
Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.976 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. 0.007 min
 Lab File: VL040141.D
 Acq: 6 Feb 2023 11:06

Tgt Ion: 97 Resp: 1465291
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.8 77.6
 61 50.6 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. 0.007 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 2383398

Ion Ratio Lower Upper

114 100

63 26.3 21.8 32.8

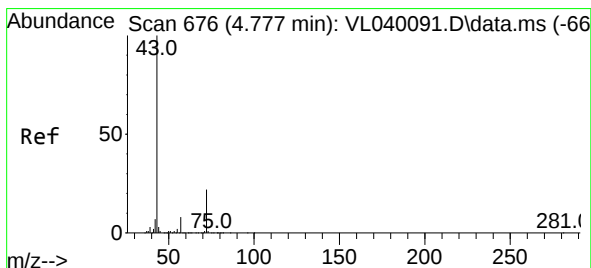
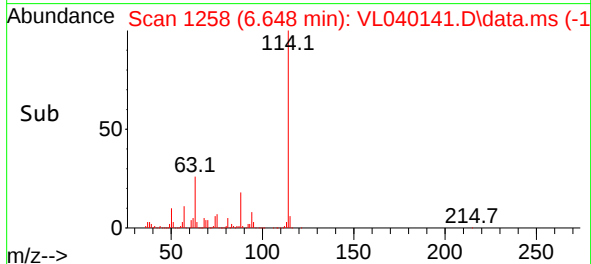
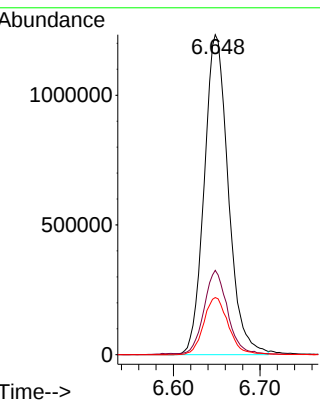
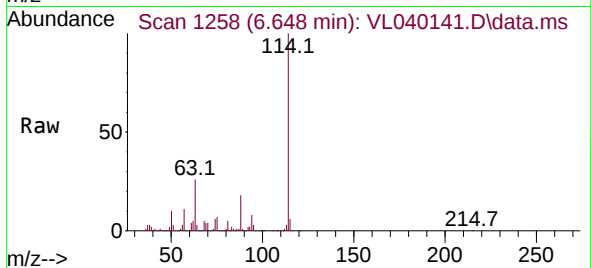
88 18.4 14.8 22.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#34

2-Butanone

Concen: 10.089 ppbv

RT: 4.777 min Scan# 676

Delta R.T. 0.007 min

Lab File: VL040141.D

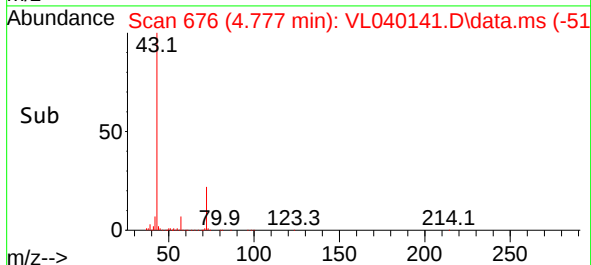
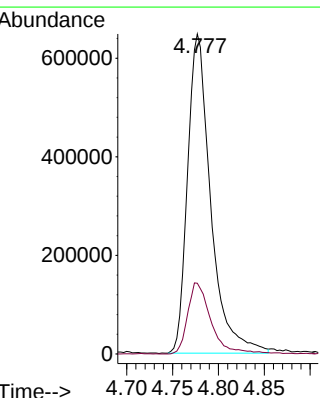
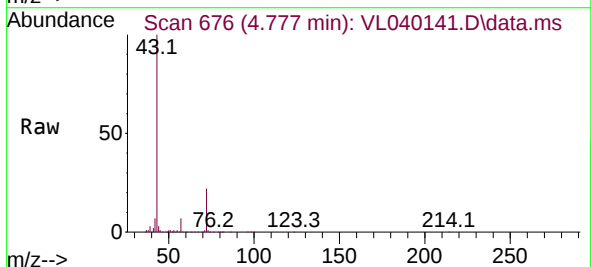
Acq: 6 Feb 2023 11:06

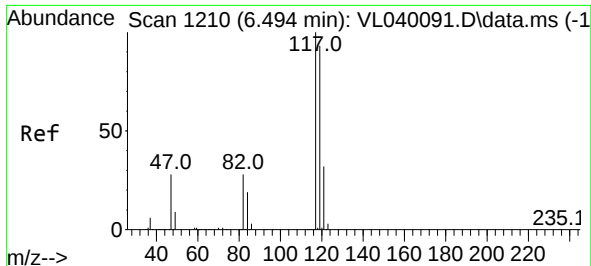
Tgt Ion: 43 Resp: 1137399

Ion Ratio Lower Upper

43 100

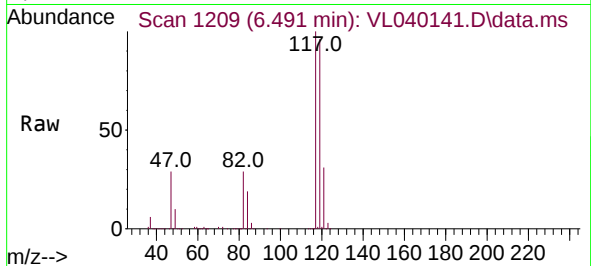
72 22.8 18.4 27.6





#35
Carbon Tetrachloride
Concen: 11.447 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. 0.010 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

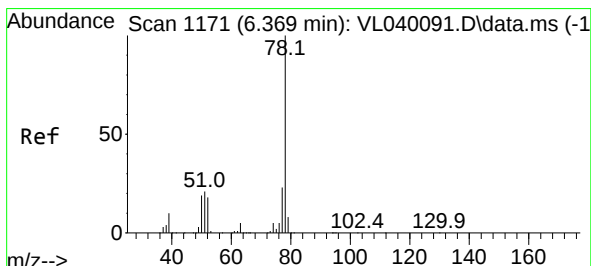
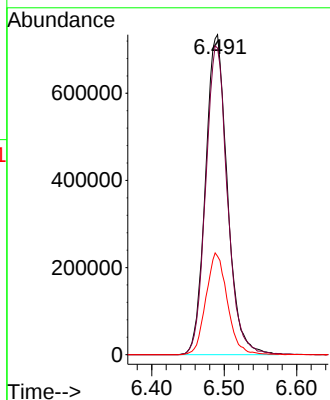
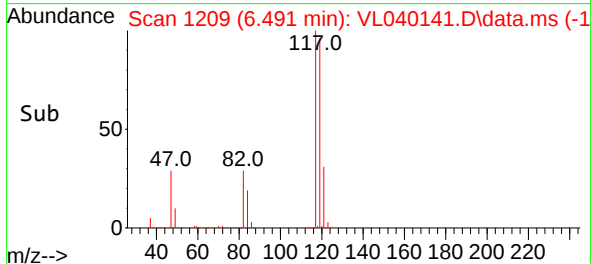
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 154257
Ion Ratio Lower Upper
117 100
119 95.8 74.5 111.7
121 30.8 25.4 38.0

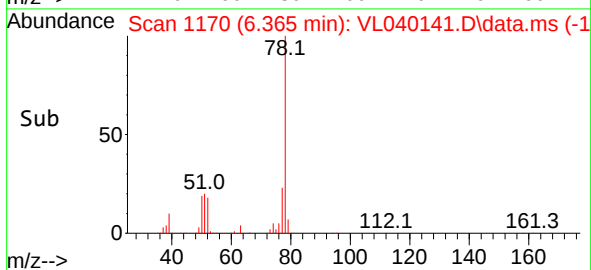
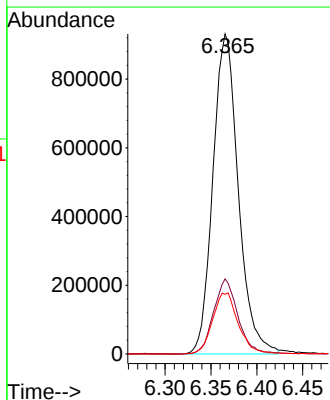
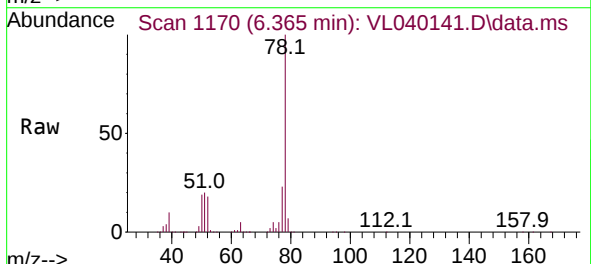
Manual Integrations
APPROVED

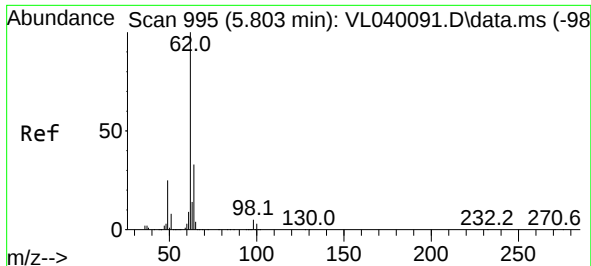
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#36
Benzene
Concen: 10.179 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

Tgt Ion: 78 Resp: 1795350
Ion Ratio Lower Upper
78 100
77 23.4 18.1 27.1
50 18.6 15.6 23.4





#37

1,2-Dichloroethane

Concen: 10.018 ppbv

RT: 5.799 min Scan# 995

Delta R.T. 0.010 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 1135720

Ion Ratio Lower Upper

62 100

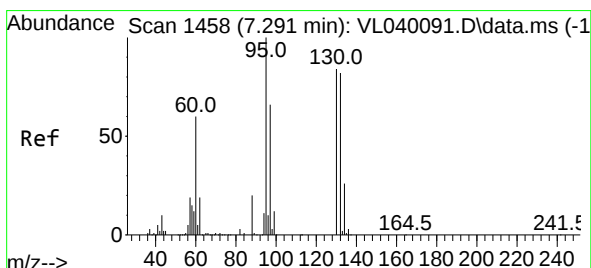
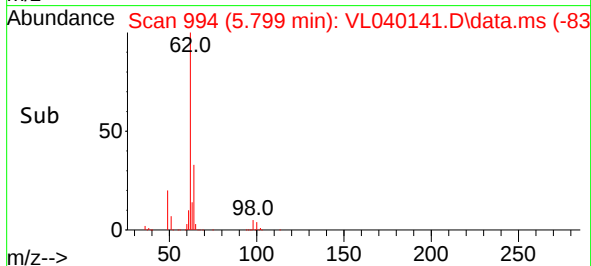
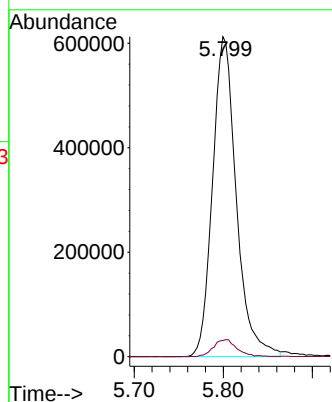
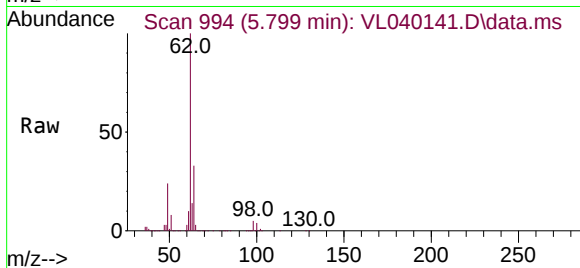
98 5.5 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#38

Trichloroethene

Concen: 10.635 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.010 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Tgt Ion:130 Resp: 1064612

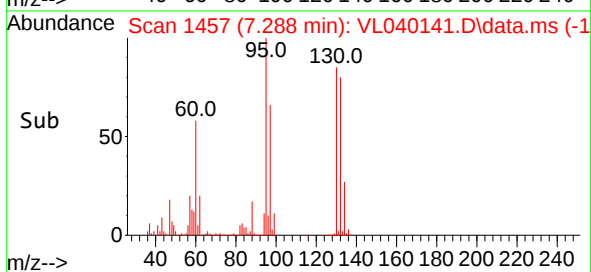
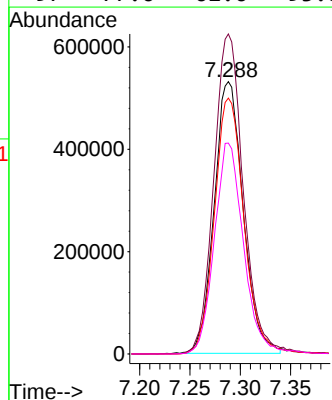
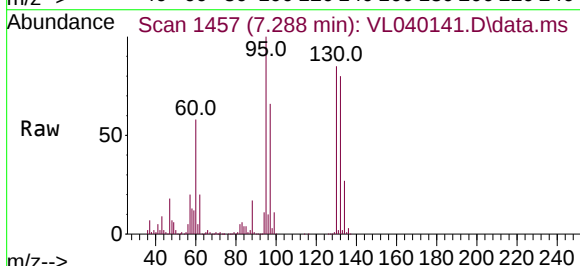
Ion Ratio Lower Upper

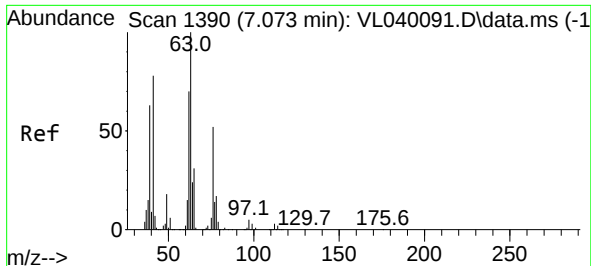
130 100

95 117.7 95.0 142.6

132 94.2 77.9 116.9

97 77.6 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.012 ppbv

RT: 7.070 min Scan# 1389

Delta R.T. 0.007 min

Lab File: VL040141.D

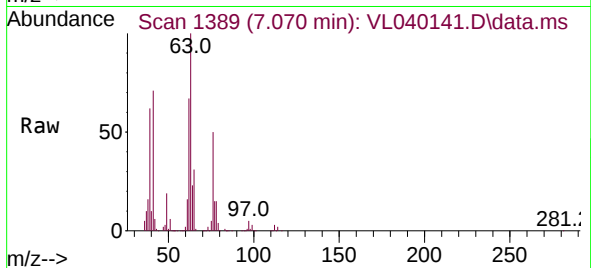
Acq: 6 Feb 2023 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 63 Resp: 690724

Ion Ratio Lower Upper

63 100

41 70.8 62.2 93.4

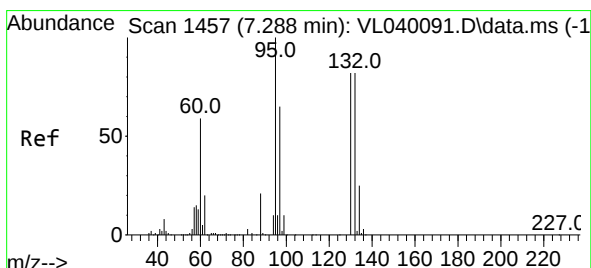
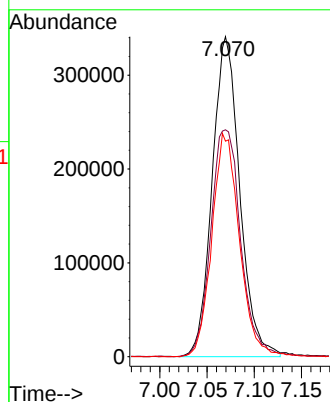
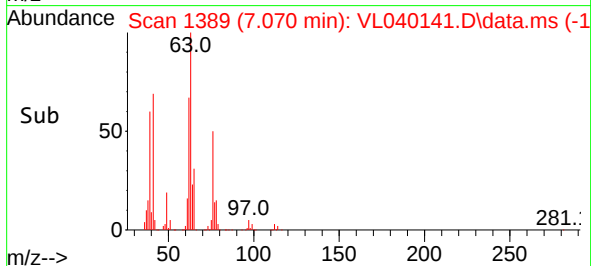
62 67.3 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#40

1,4-Dioxane

Concen: 8.930 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.007 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Tgt Ion: 88 Resp: 244491

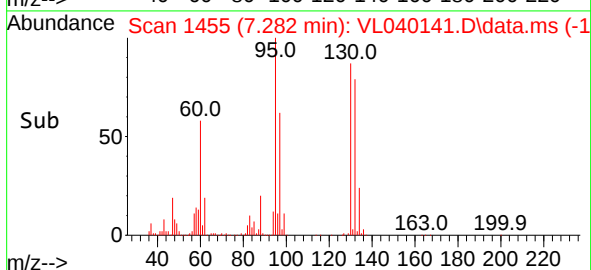
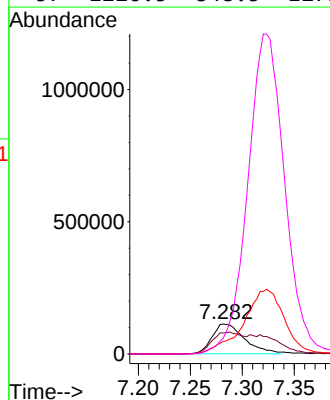
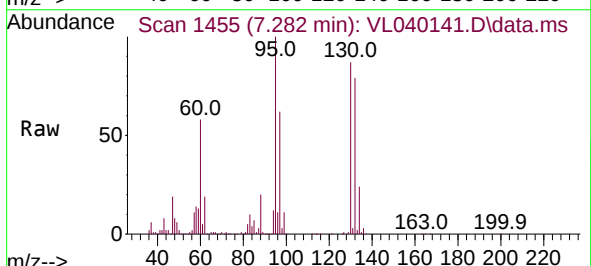
Ion Ratio Lower Upper

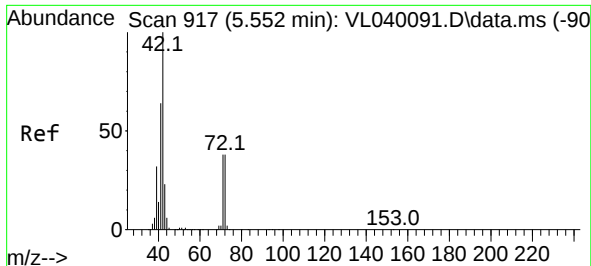
88 100

58 132.5 97.5 146.3

43 275.5 195.0 292.4

57 1226.5 848.5 1272.7





#41

Tetrahydrofuran

Concen: 10.486 ppbv

RT: 5.552 min Scan# 917

Delta R.T. 0.010 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 682328

Ion Ratio Lower Upper

42 100

72 40.8 31.9 47.9

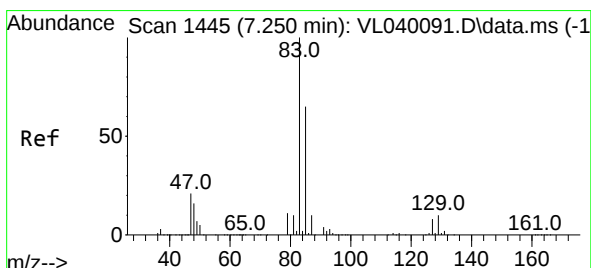
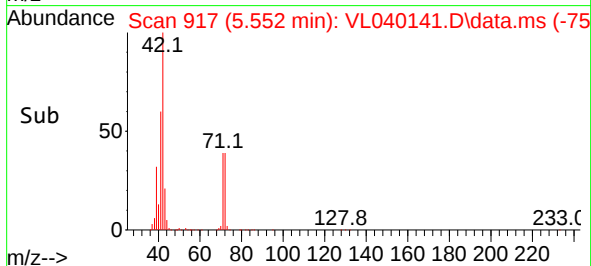
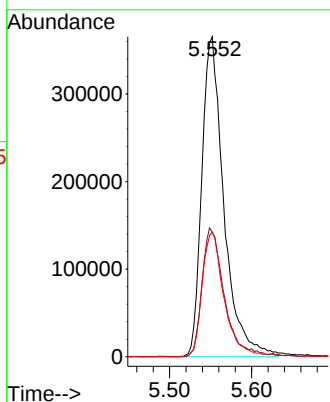
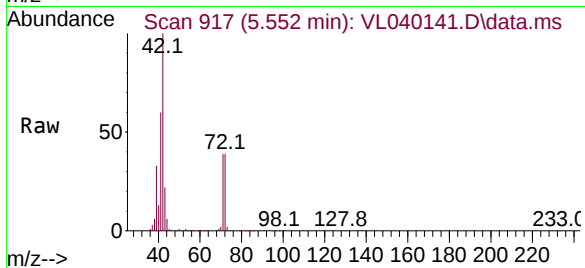
71 39.4 31.4 47.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#42

Bromodichloromethane

Concen: 10.526 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.010 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

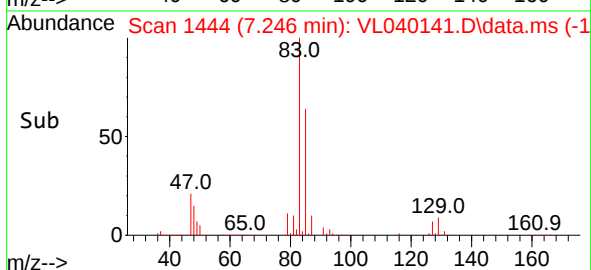
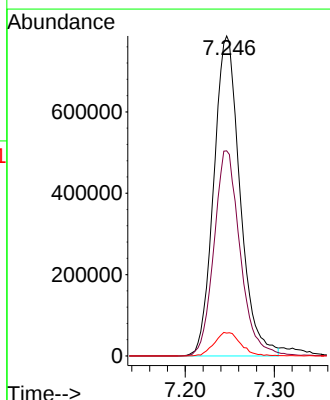
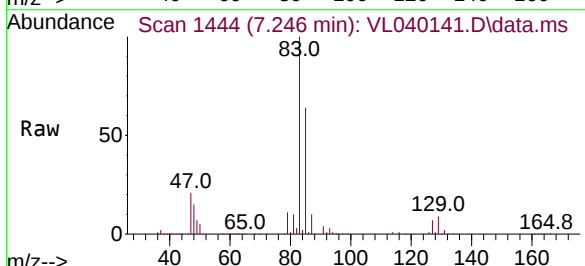
Tgt Ion: 83 Resp: 1611337

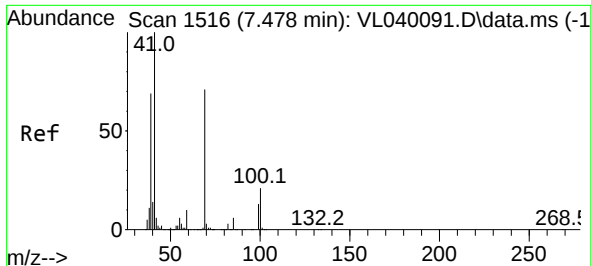
Ion Ratio Lower Upper

83 100

85 64.1 51.7 77.5

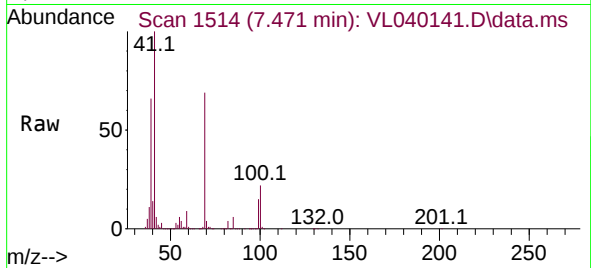
127 7.2 6.2 9.2





#43
Methyl Methacrylate
Concen: 11.067 ppbv
RT: 7.471 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

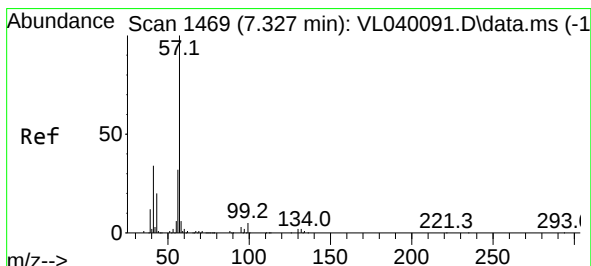
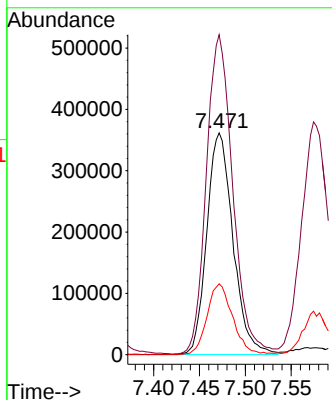
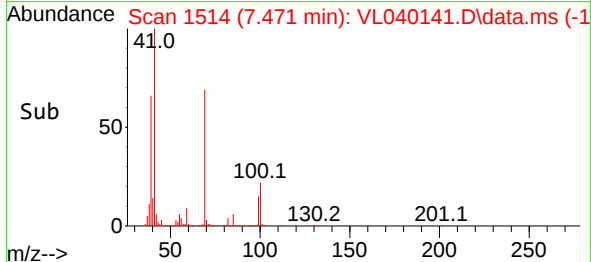
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



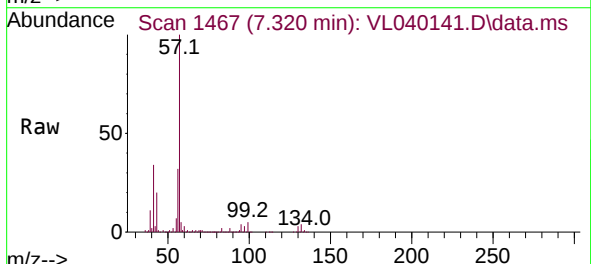
Tgt Ion: 69 Resp: 716280
Ion Ratio Lower Upper
69 100
41 145.9 118.2 177.2
100 31.4 24.2 36.4

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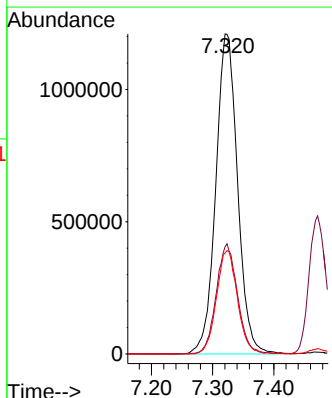
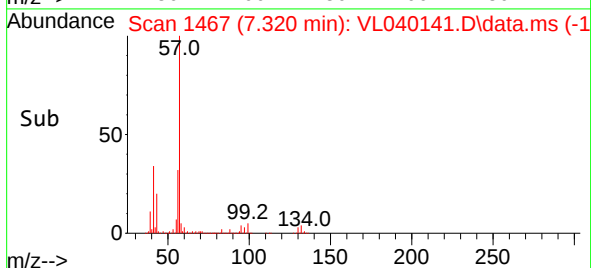
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

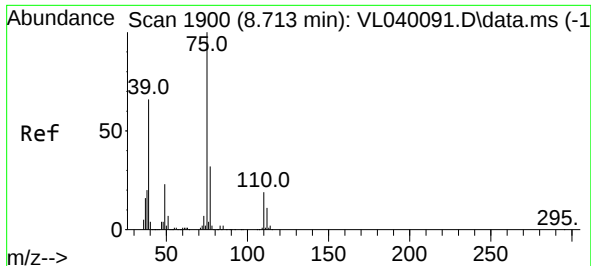


#44
2,2,4-Trimethylpentane
Concen: 10.210 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06



Tgt Ion: 57 Resp: 2994905
Ion Ratio Lower Upper
57 100
41 33.6 27.1 40.7
56 31.3 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 11.954 ppbv

RT: 8.709 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 689920

Ion Ratio Lower Upper

75 100

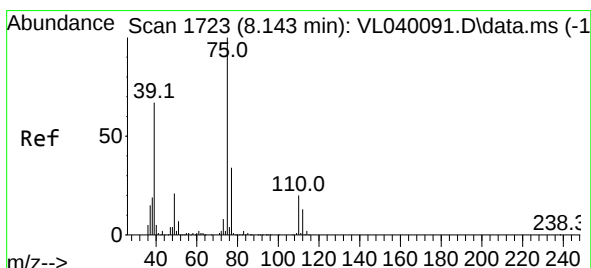
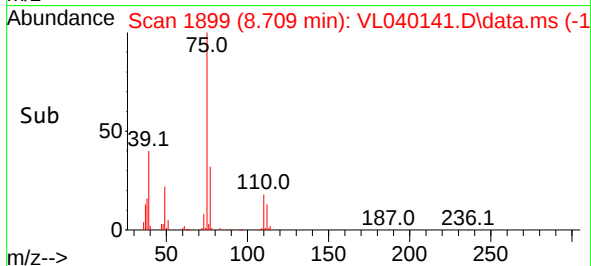
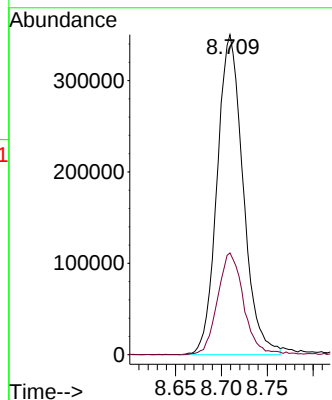
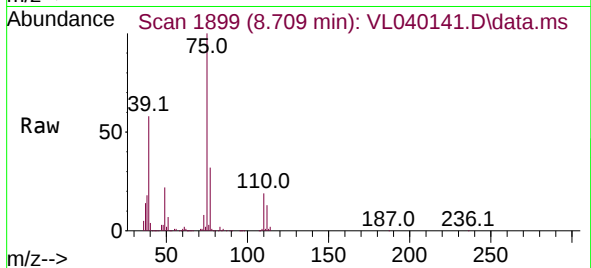
77 31.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#46

cis-1,3-Dichloropropene

Concen: 11.922 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. 0.010 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

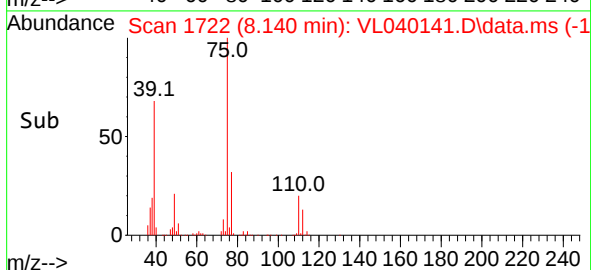
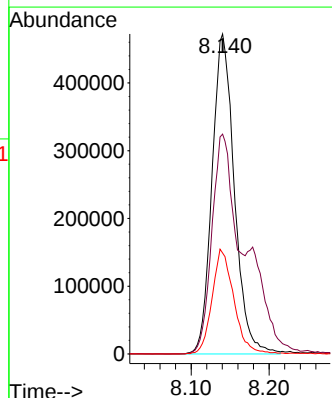
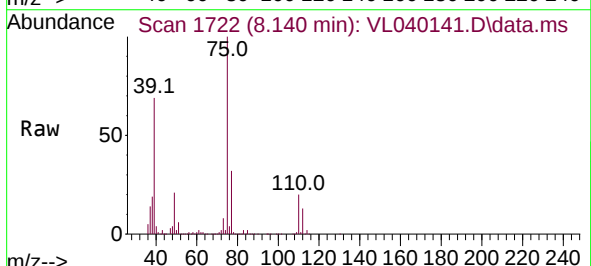
Tgt Ion: 75 Resp: 940274

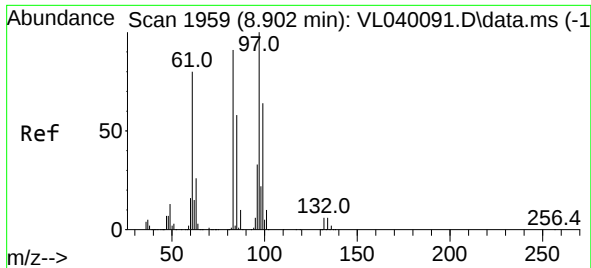
Ion Ratio Lower Upper

75 100

39 68.6 53.6 80.4

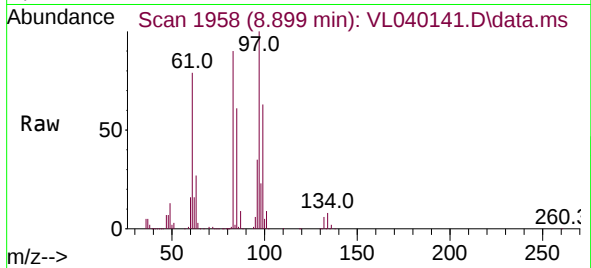
77 31.5 26.9 40.3





#47
1,1,2-Trichloroethane
Concen: 9.913 ppbv
RT: 8.899 min Scan# 1958
Delta R.T. 0.013 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

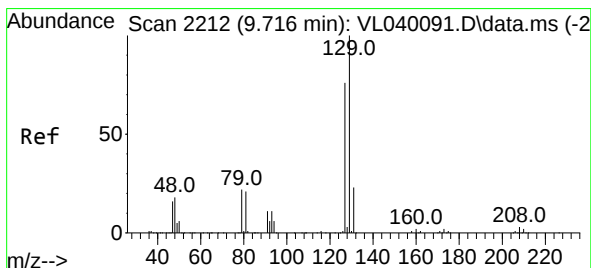
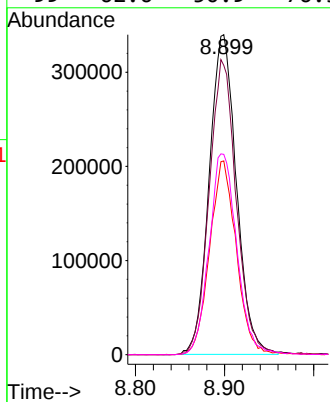
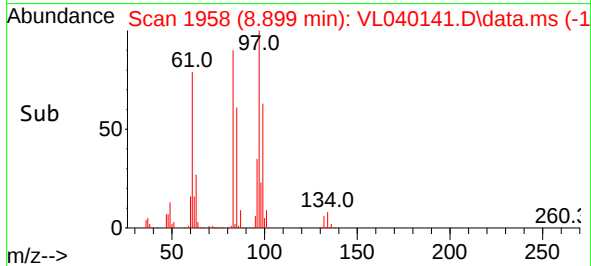
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 720023
Ion Ratio Lower Upper
97 100
83 90.4 72.9 109.3
85 60.5 46.0 69.0
99 62.6 50.9 76.3

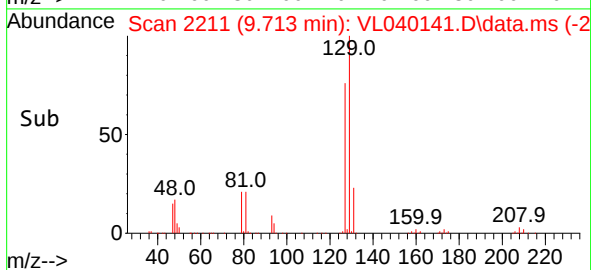
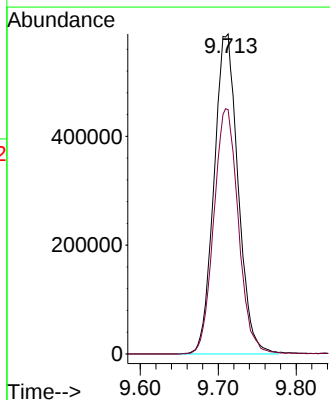
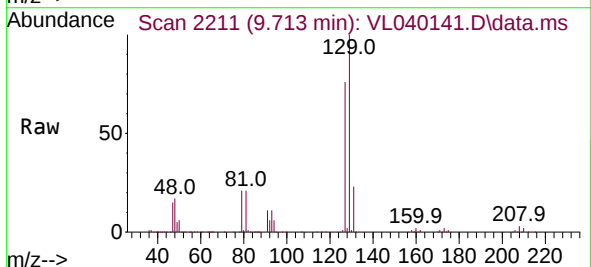
Manual Integrations
APPROVED

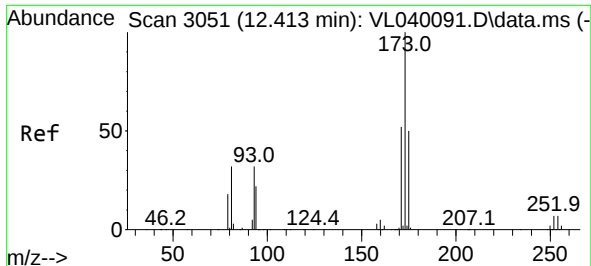
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#48
Dibromochloromethane
Concen: 10.813 ppbv
RT: 9.713 min Scan# 2211
Delta R.T. 0.013 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

Tgt Ion:129 Resp: 1262352
Ion Ratio Lower Upper
129 100
127 78.3 39.3 117.9





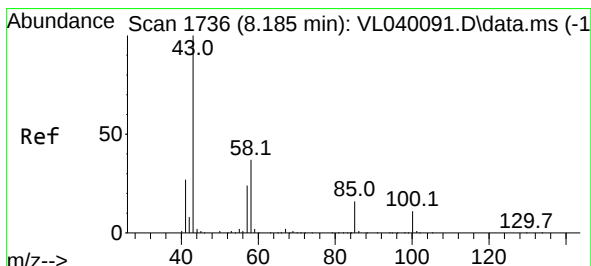
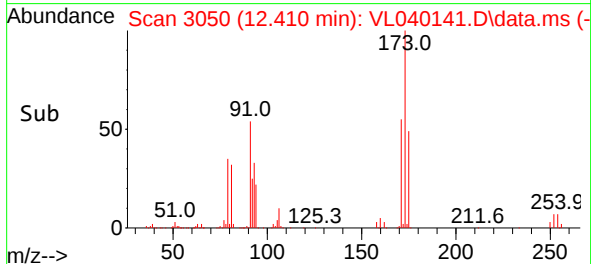
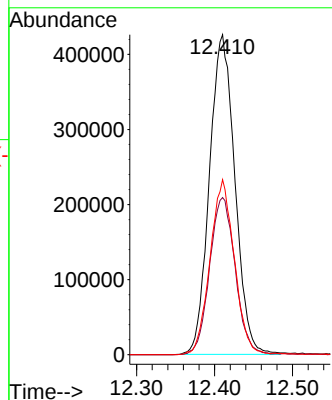
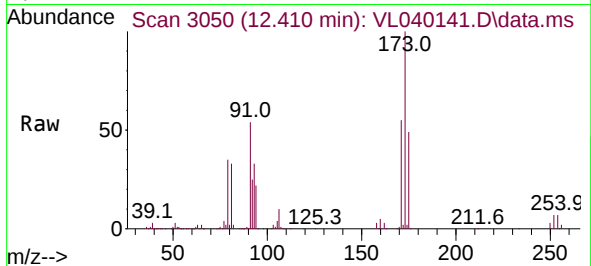
#49
Bromoform
Concen: 10.740 ppbv
RT: 12.410 min Scan# 3051
Delta R.T. 0.013 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 96587
Ion Ratio Lower Upper
173 100
175 49.6 39.7 59.5
171 52.6 42.2 63.2

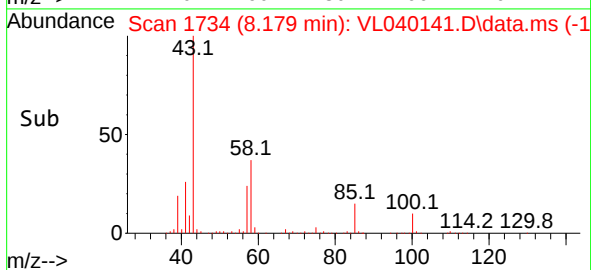
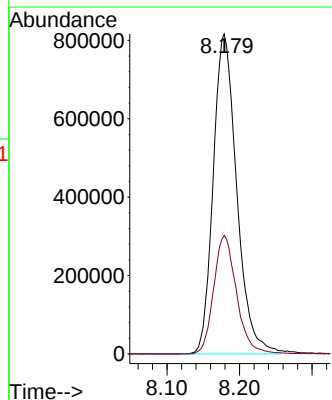
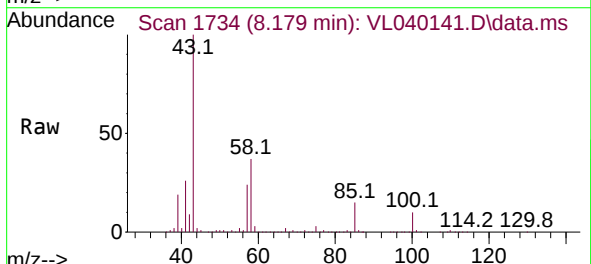
Manual Integrations
APPROVED

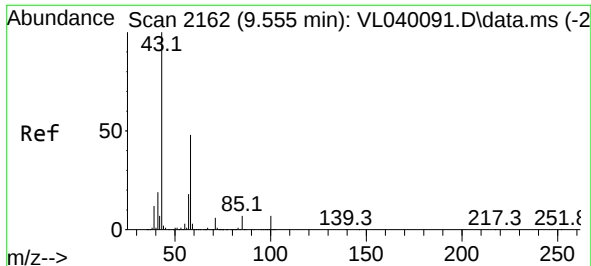
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#50
4-Methyl-2-Pentanone
Concen: 10.378 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.010 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

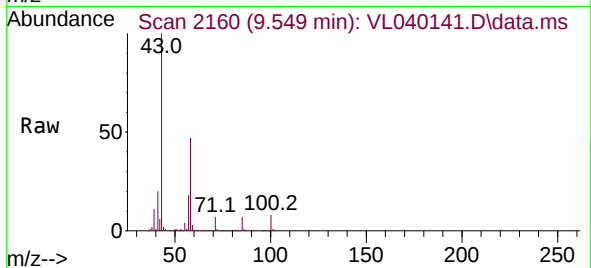
Tgt Ion: 43 Resp: 1840252
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2





#51
2-Hexanone
Concen: 10.500 ppbv
RT: 9.549 min Scan# 2162
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

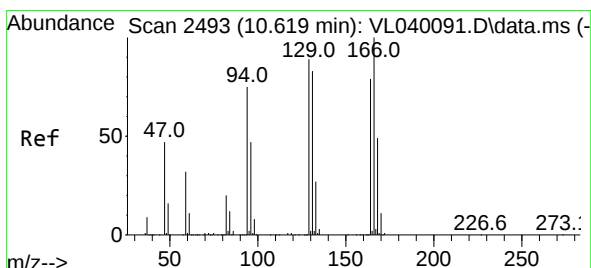
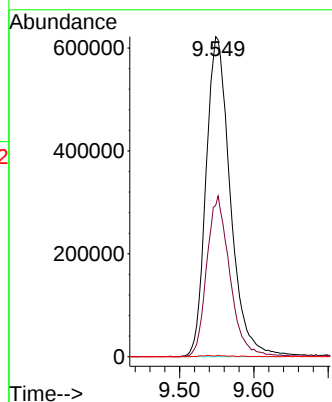
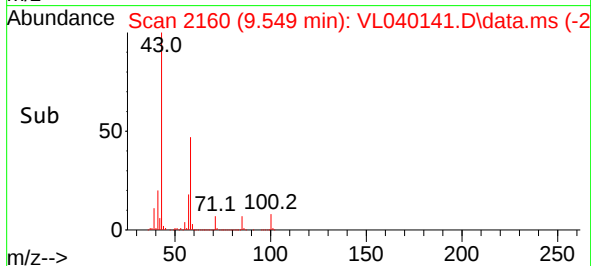
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



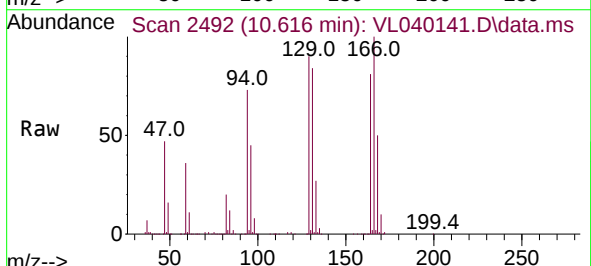
Tgt Ion: 43 Resp: 141066
Ion Ratio Lower Upper
43 100
58 48.1 37.5 56.3
98 0.5 0.4 0.6

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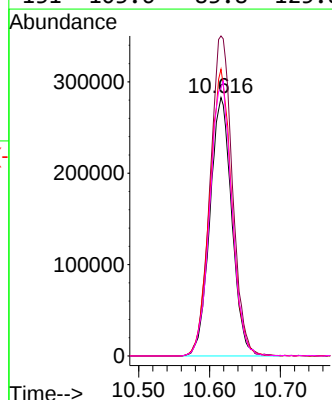
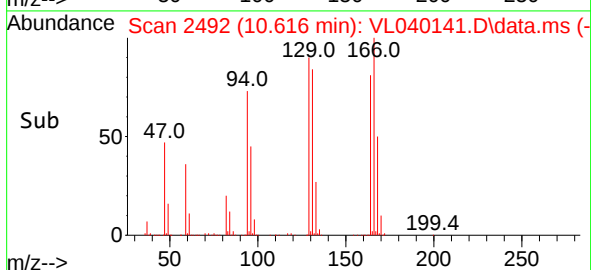
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

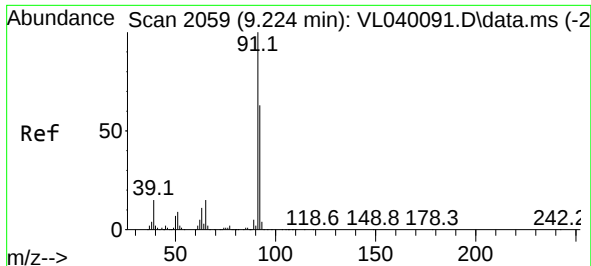


#52
Tetrachloroethene
Concen: 10.477 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.010 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06



Tgt Ion:164 Resp: 604500
Ion Ratio Lower Upper
164 100
166 123.8 101.2 151.8
129 110.8 90.2 135.2
131 103.6 83.8 125.8





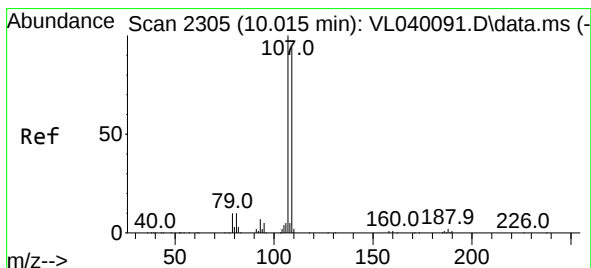
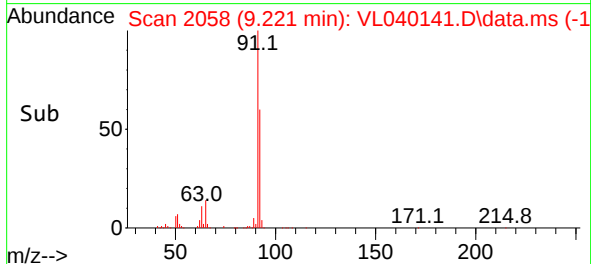
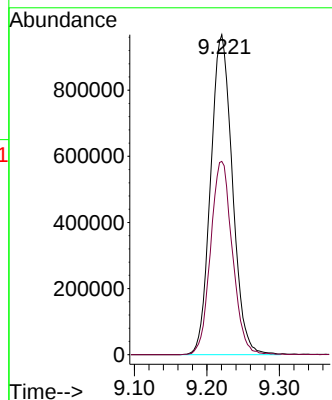
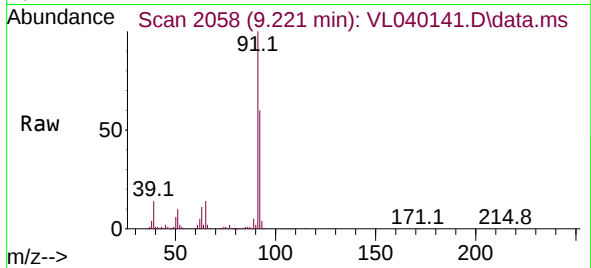
#53
Toluene
Concen: 10.739 ppbv
RT: 9.221 min Scan# 2059
Delta R.T. 0.010 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2020104
Ion Ratio Lower Upper
91 100
92 60.7 48.3 72.5

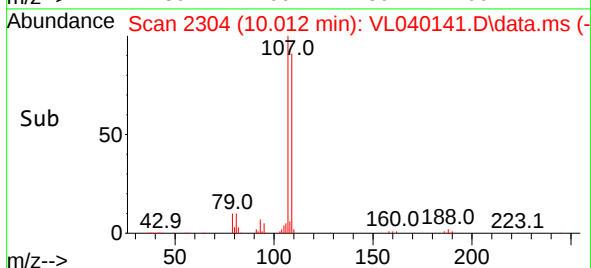
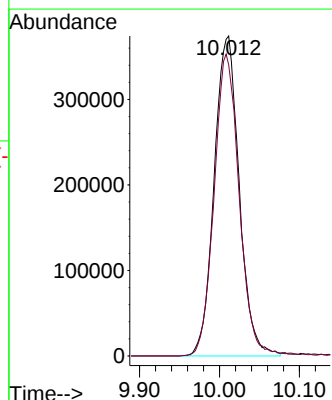
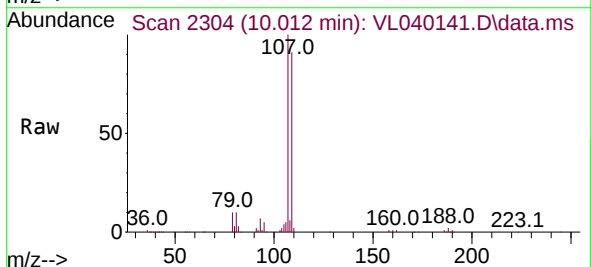
Manual Integrations
APPROVED

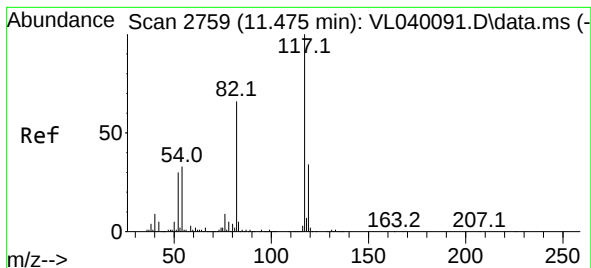
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#54
1,2-Dibromoethane
Concen: 10.690 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. 0.013 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

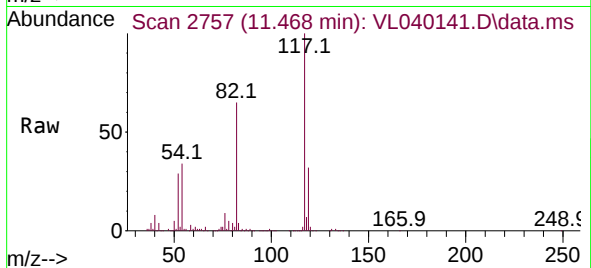
Tgt Ion:107 Resp: 812946
Ion Ratio Lower Upper
107 100
109 91.0 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2759
Delta R.T. 0.010 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

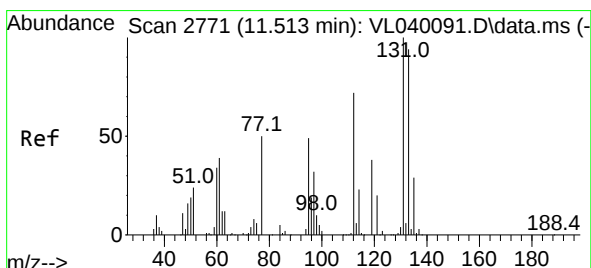
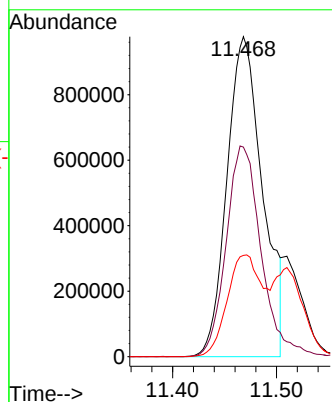
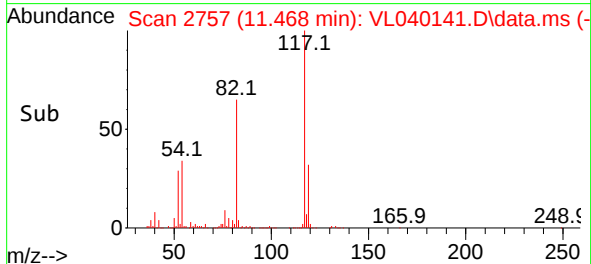
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 232216
Ion Ratio Lower Upper
117 100
82 65.2 54.4 81.6
119 30.5 26.8 40.2

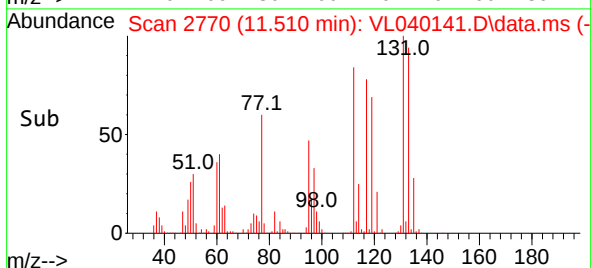
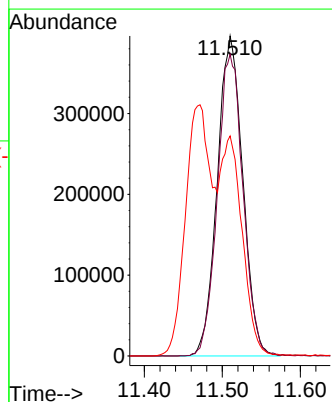
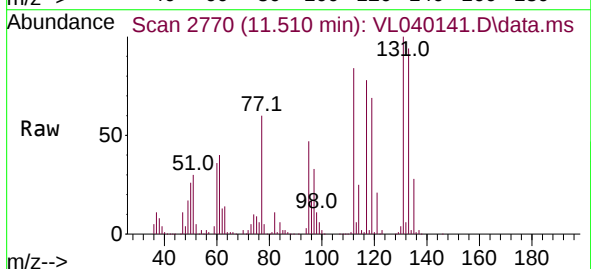
Manual Integrations
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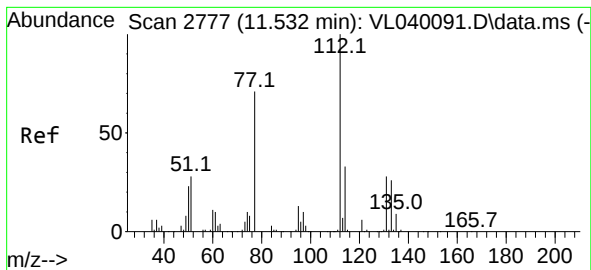
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.954 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.010 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

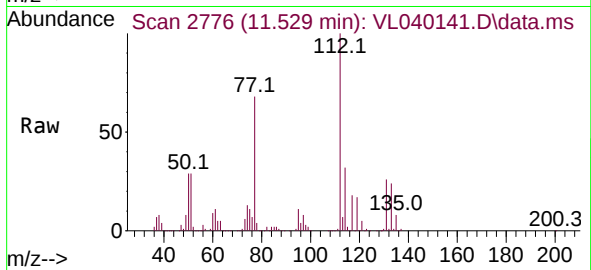
Tgt Ion:131 Resp: 899656
Ion Ratio Lower Upper
131 100
133 95.0 75.6 113.4
119 62.9 47.2 70.8





#57
Chlorobenzene
Concen: 9.651 ppbv
RT: 11.529 min Scan# 211
Delta R.T. 0.013 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

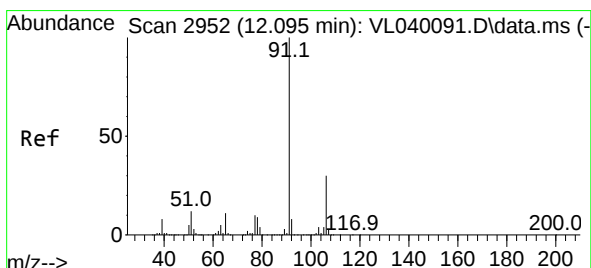
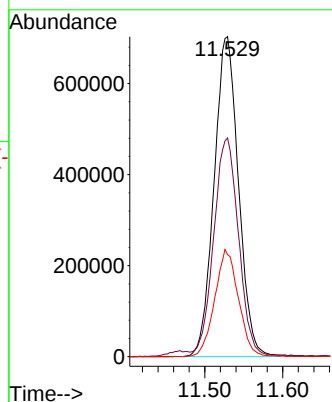
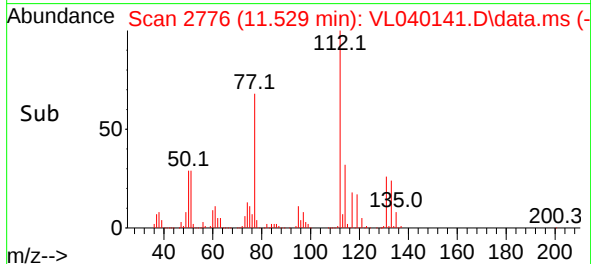
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 112 Resp: 1527684
Ion Ratio Lower Upper
112 100
77 67.9 57.3 85.9
114 31.8 29.6 36.2

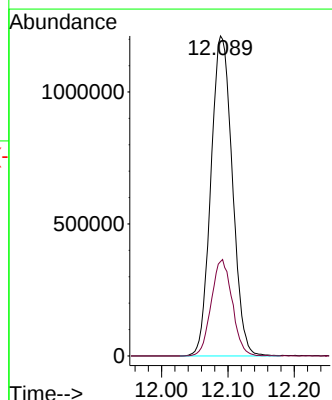
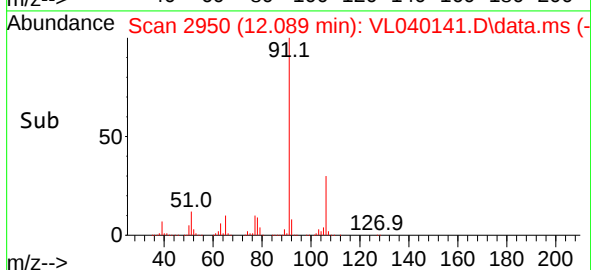
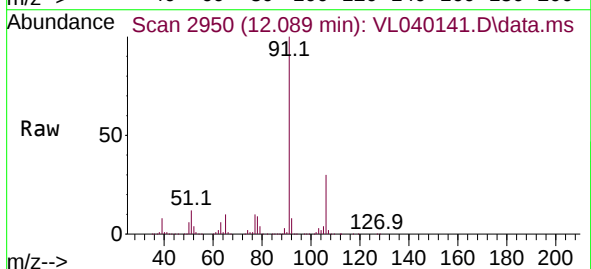
Manual Integrations
APPROVED

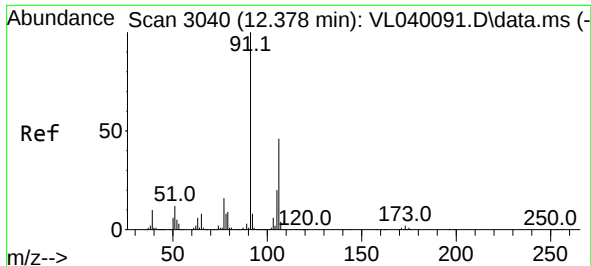
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#58
Ethyl Benzene
Concen: 10.500 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

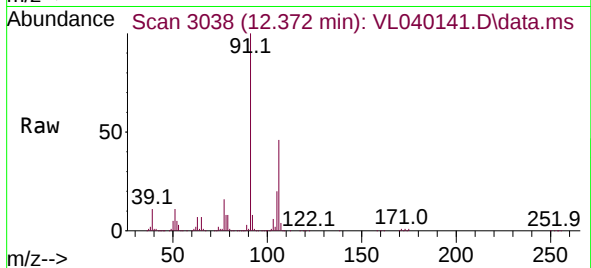
Tgt Ion: 91 Resp: 2720883
Ion Ratio Lower Upper
91 100
106 29.5 23.7 35.5





#59
m/p-Xylene
Concen: 20.170 ppbv m
RT: 12.372 min Scan# 3040
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

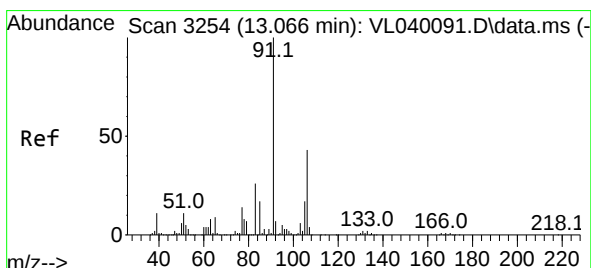
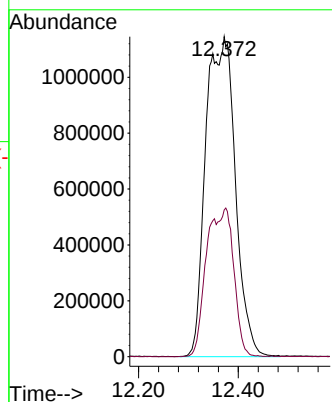
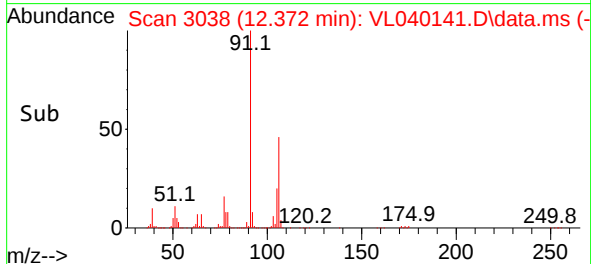
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



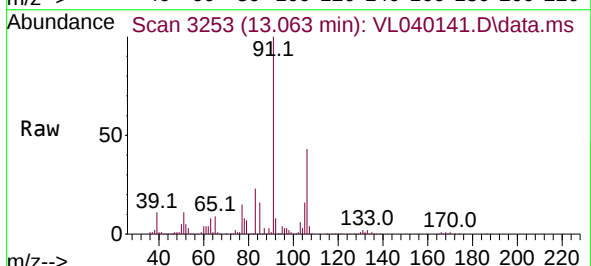
Tgt Ion: 91 Resp: 469967
Ion Ratio Lower Upper
91 100
106 42.9 34.2 51.4

Manual Integrations
APPROVED

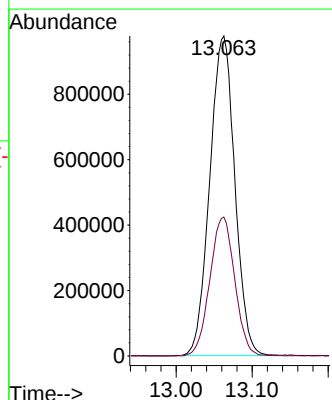
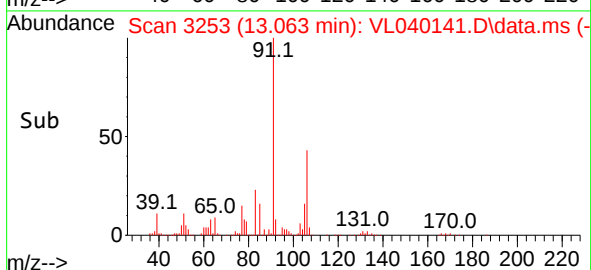
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

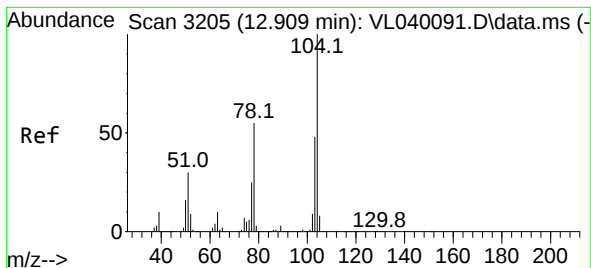


#60
o-Xylene
Concen: 10.119 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. 0.013 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06



Tgt Ion: 91 Resp: 2237931
Ion Ratio Lower Upper
91 100
106 43.4 21.6 64.8





#61

Styrene

Concen: 10.978 ppbv

RT: 12.899 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1265190

Ion Ratio Lower Upper

104 100

78 54.2 44.0 66.0

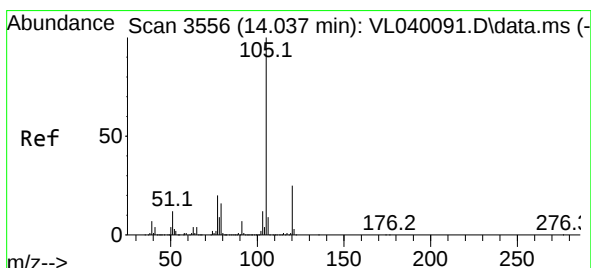
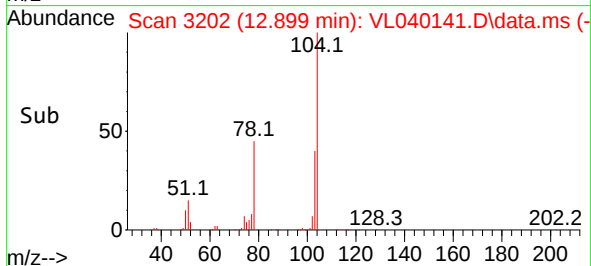
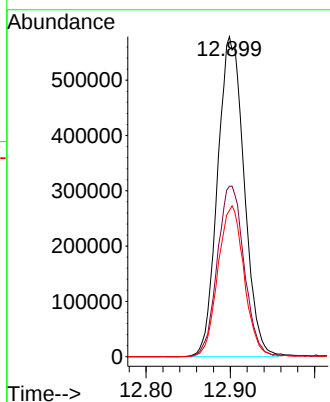
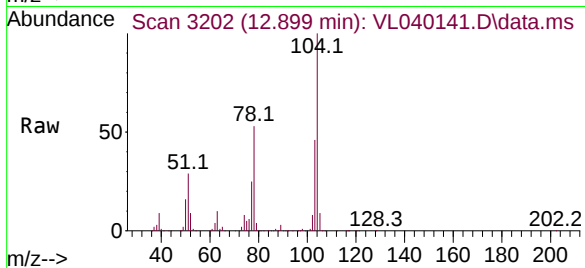
103 46.7 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#62

Isopropylbenzene

Concen: 9.848 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. 0.010 min

Lab File: VL040141.D

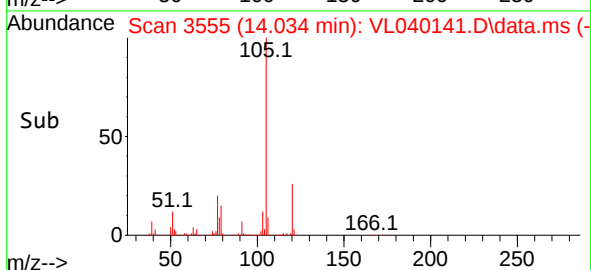
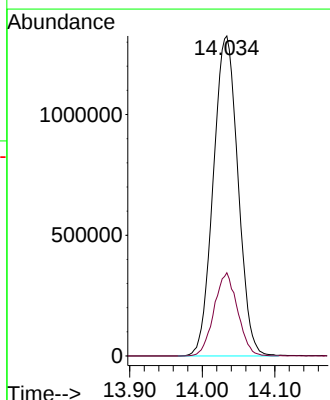
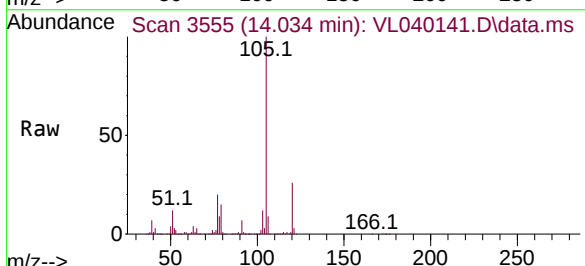
Acq: 6 Feb 2023 11:06

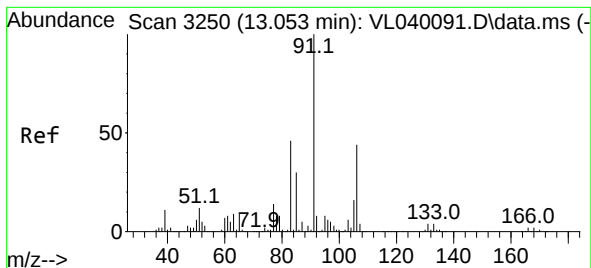
Tgt Ion:105 Resp: 3132688

Ion Ratio Lower Upper

105 100

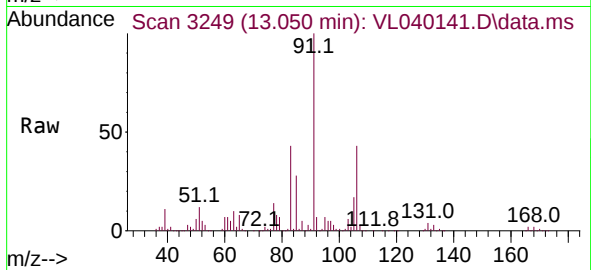
120 24.8 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 9.160 ppbv
RT: 13.050 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

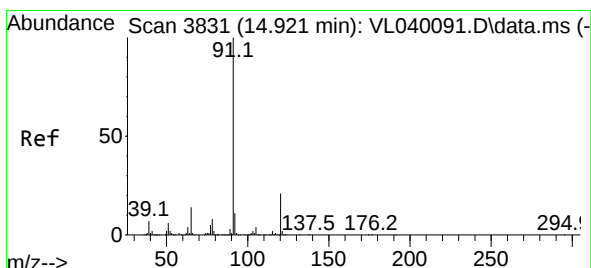
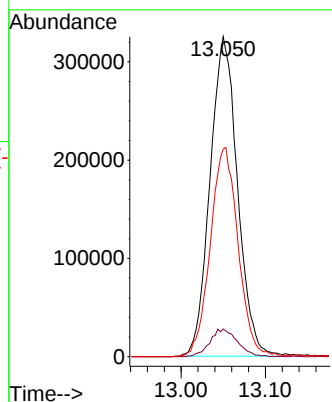
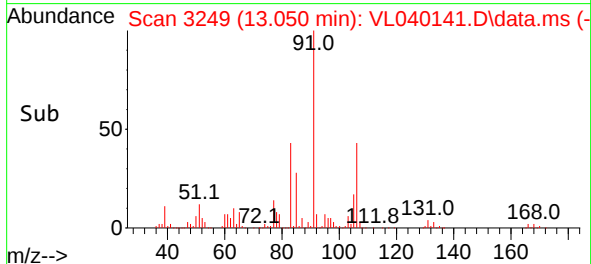
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



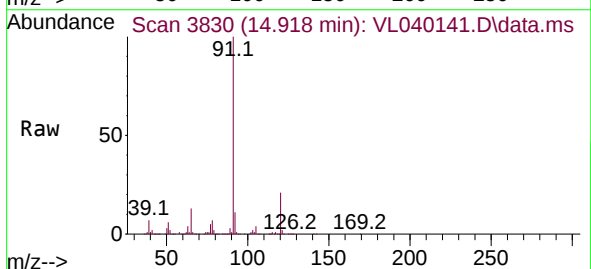
Tgt Ion: 83 Resp: 735558
Ion Ratio Lower Upper
83 100
131 8.7 4.3 13.1
85 66.9 32.5 97.5

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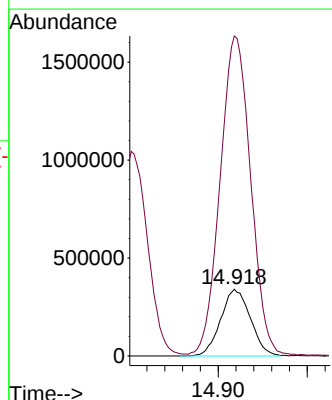
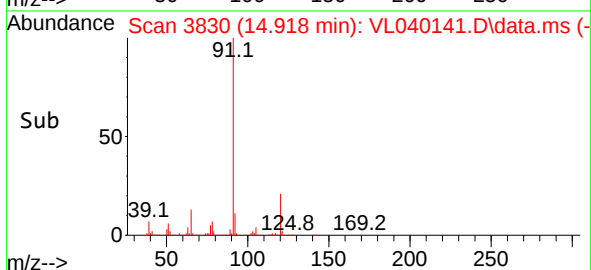
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

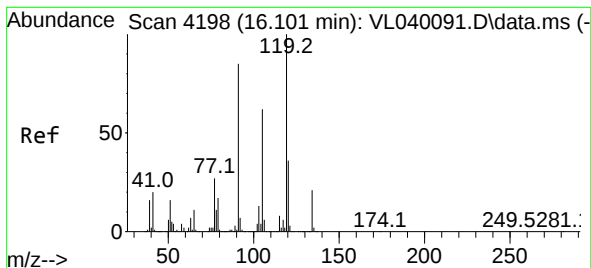


#64
n-propylbenzene
Concen: 9.966 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06



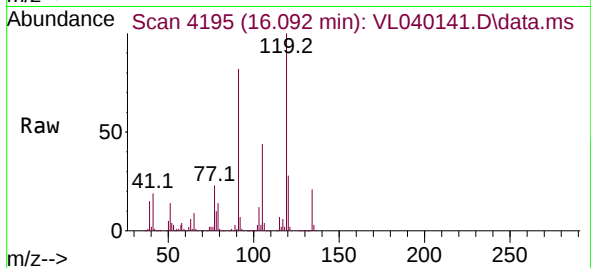
Tgt Ion:120 Resp: 788123
Ion Ratio Lower Upper
120 100
91 495.7 397.0 595.4





#65
tert-Butylbenzene
Concen: 10.161 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

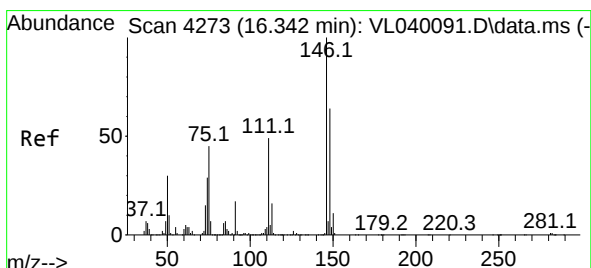
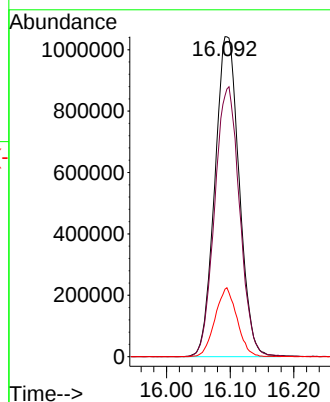
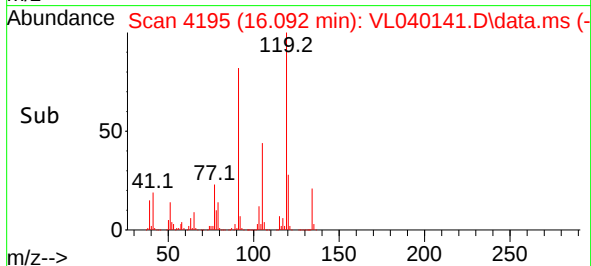
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



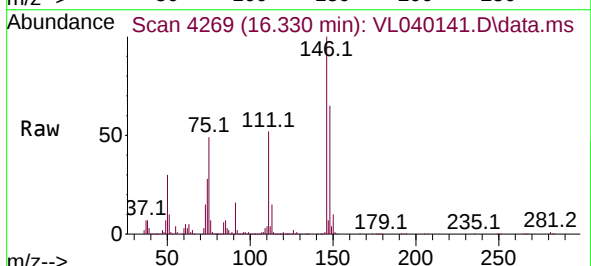
Tgt Ion:119 Resp: 276740
Ion Ratio Lower Upper
119 100
91 86.4 69.5 104.3
134 19.5 15.8 23.8

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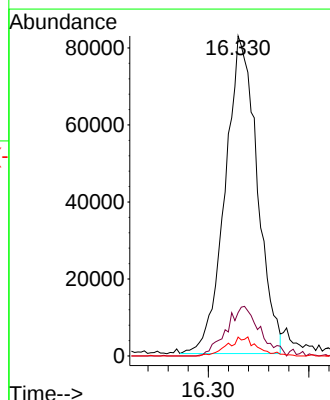
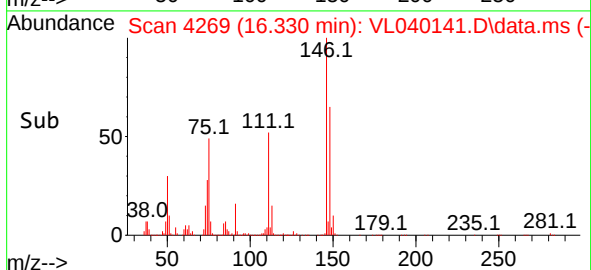
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

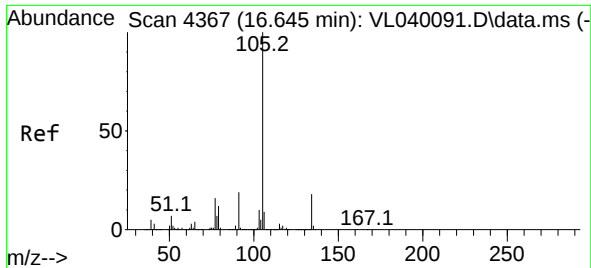


#66
Benzyl Chloride
Concen: 9.811 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06



Tgt Ion: 91 Resp: 182621
Ion Ratio Lower Upper
91 100
126 16.7 11.5 17.3
128 5.5 0.0 0.0#





#67

sec-Butylbenzene

Concen: 10.221 ppbv

RT: 16.642 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 3946330

Ion Ratio Lower Upper

105 100

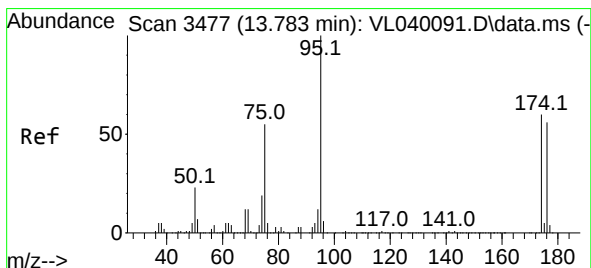
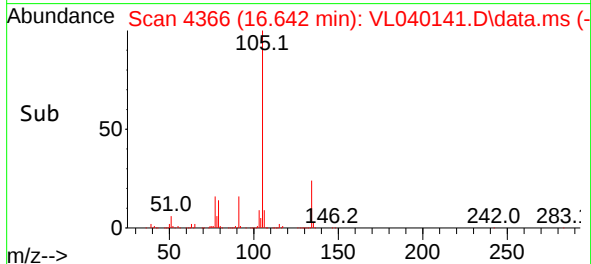
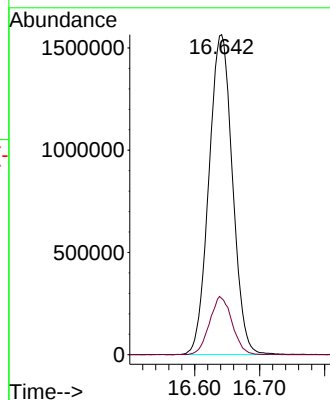
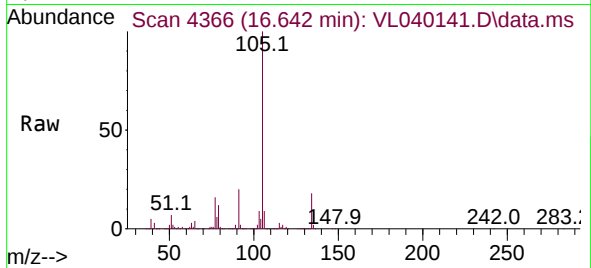
134 17.4 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.395 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.007 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

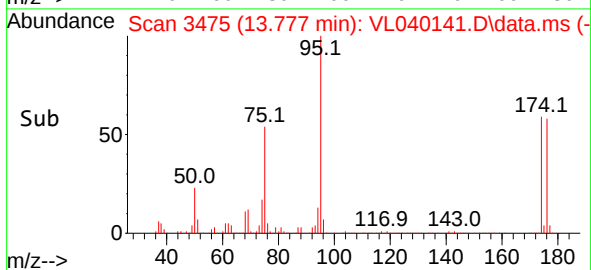
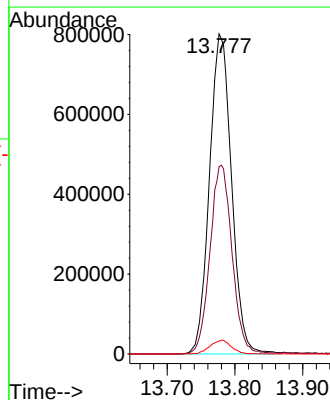
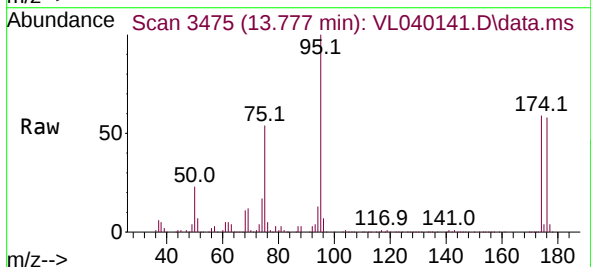
Tgt Ion: 95 Resp: 1813232

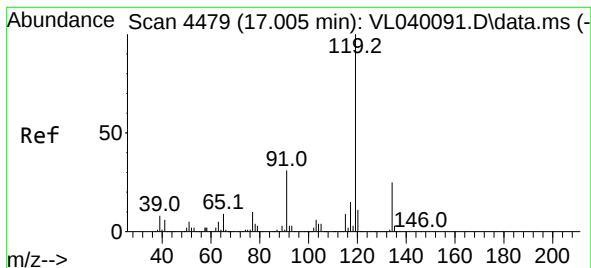
Ion Ratio Lower Upper

95 100

174 59.3 47.7 71.5

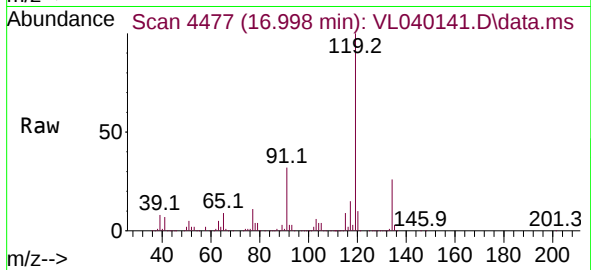
175 4.2 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.492 ppbv
RT: 16.998 min Scan# 4479
Delta R.T. 0.010 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

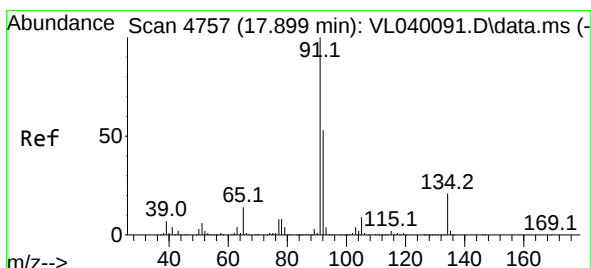
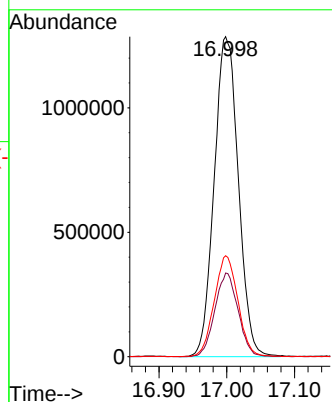
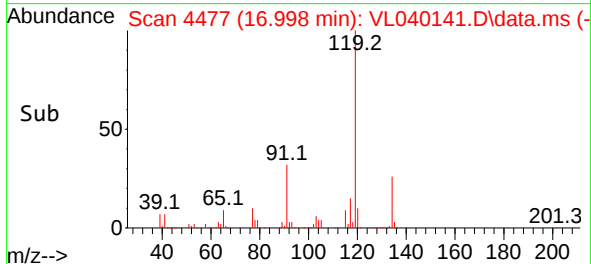
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



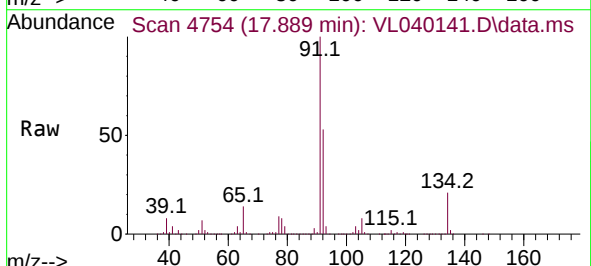
Tgt Ion: 119 Resp: 318329
Ion Ratio Lower Upper
119 100
134 25.2 20.1 30.1
91 31.0 25.0 37.4

Manual Integrations
APPROVED

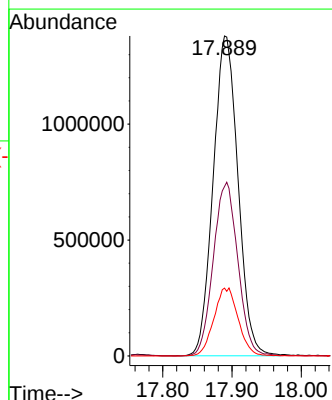
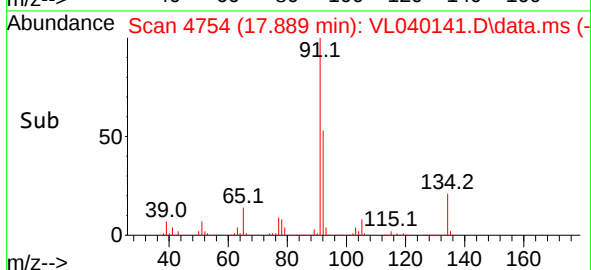
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

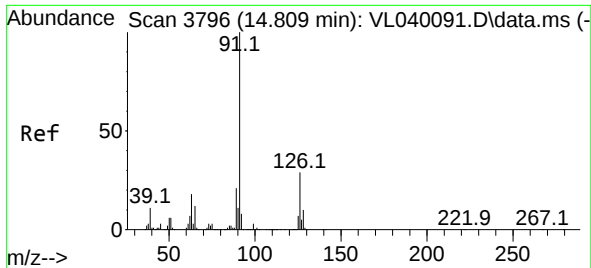


#70
n-Butylbenzene
Concen: 10.480 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06



Tgt Ion: 91 Resp: 3429069
Ion Ratio Lower Upper
91 100
92 53.9 42.8 64.2
134 21.0 16.9 25.3





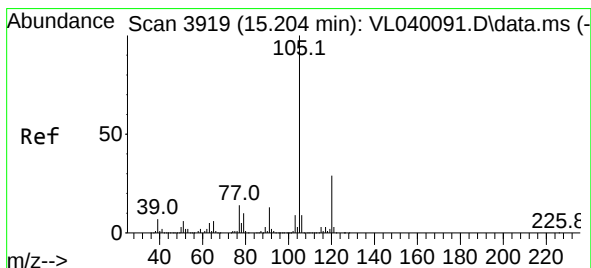
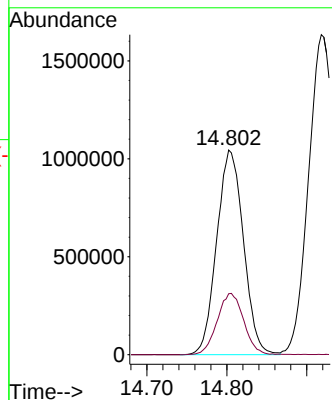
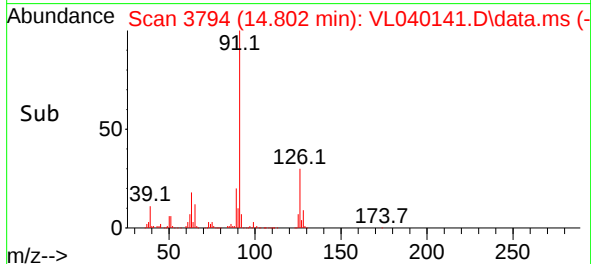
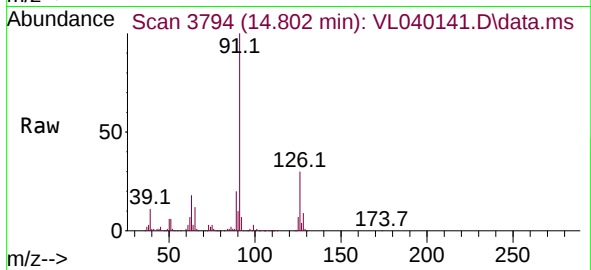
#71
2-Chlorotoluene
Concen: 9.913 ppbv
RT: 14.802 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2425210
Ion Ratio Lower Upper
91 100
126 29.7 11.9 47.5

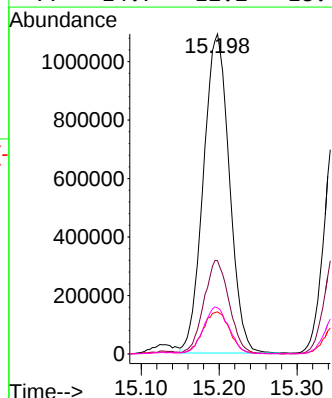
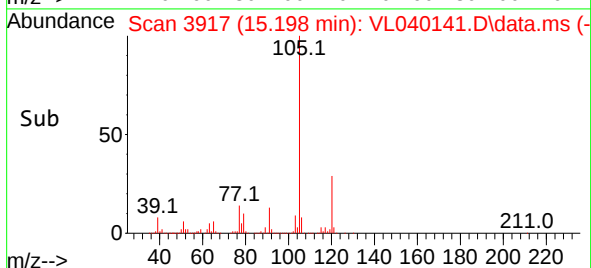
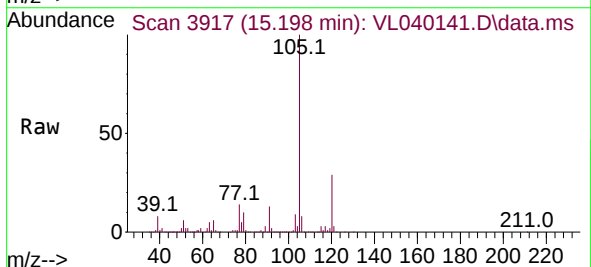
Manual Integrations
APPROVED

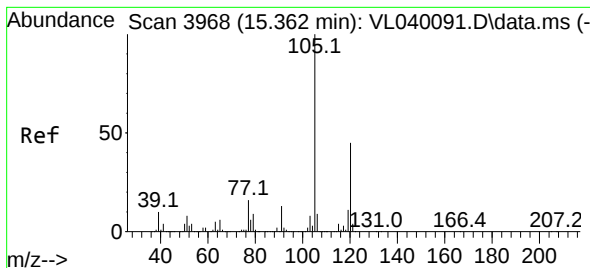
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023



#72
4-Ethyltoluene
Concen: 10.303 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.010 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

Tgt Ion:105 Resp: 2528620
Ion Ratio Lower Upper
105 100
120 28.7 23.1 34.7
91 14.1 11.2 16.8
77 14.7 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 10.216 ppbv

RT: 15.355 min Scan# 3968

Delta R.T. 0.007 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 225754

Ion Ratio Lower Upper

105 100

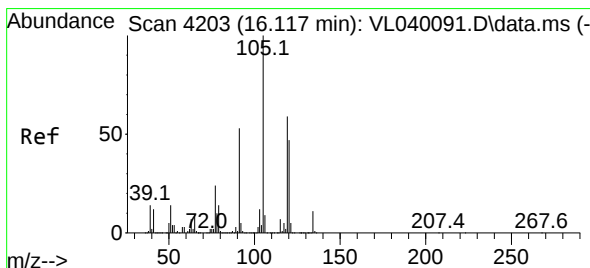
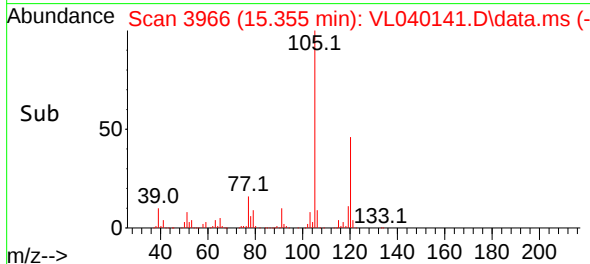
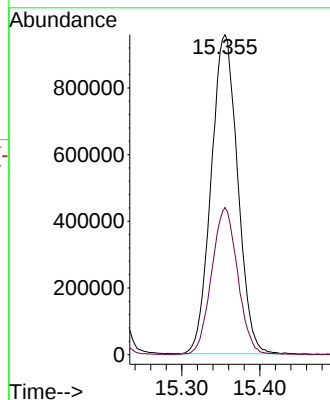
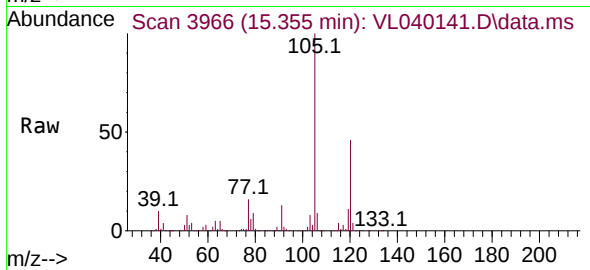
120 46.0 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.149 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.010 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Tgt Ion:105 Resp: 2484217

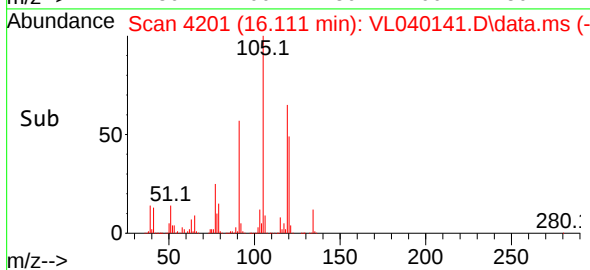
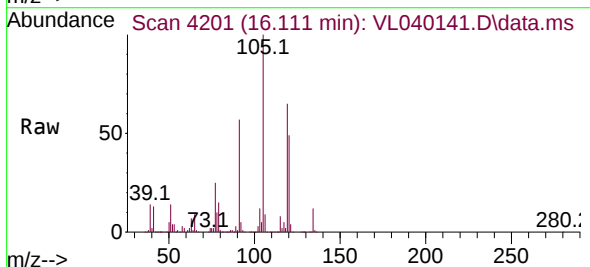
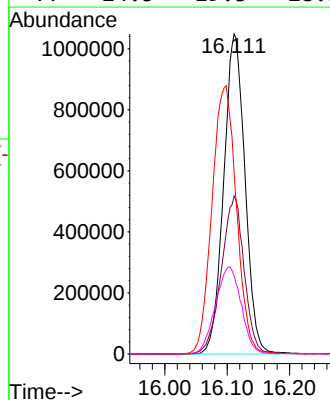
Ion Ratio Lower Upper

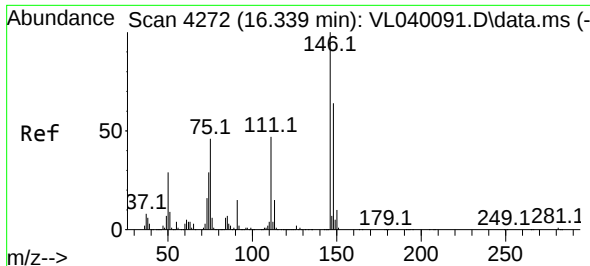
105 100

120 49.3 38.0 57.0

91 56.5 42.1 63.1

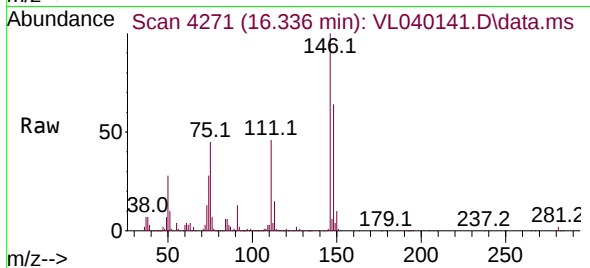
77 24.5 19.3 28.9





#75
1,3-Dichlorobenzene
Concen: 10.122 ppbv
RT: 16.336 min Scan# 4315
Delta R.T. 0.010 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

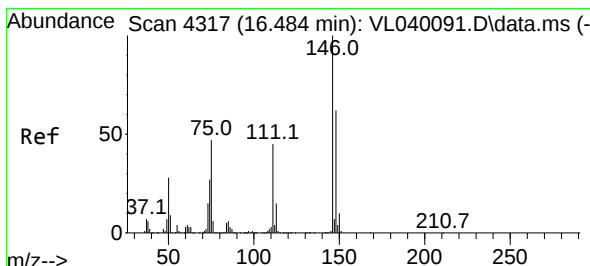
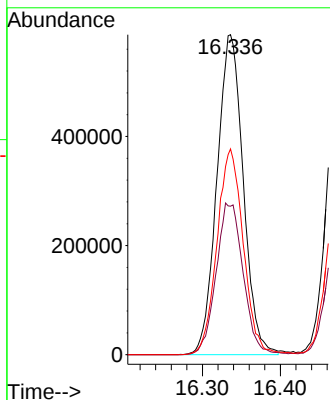
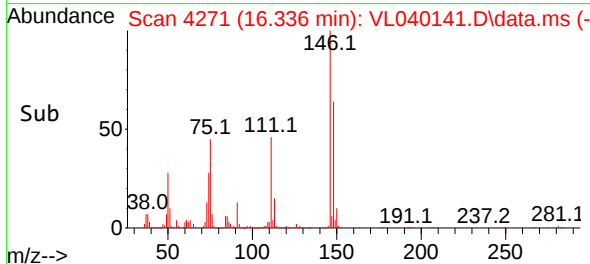
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



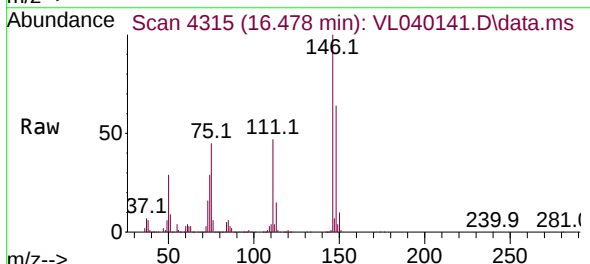
Tgt Ion:146 Resp: 137613
Ion Ratio Lower Upper
146 100
111 48.7 24.3 73.0
148 64.3 32.3 96.8

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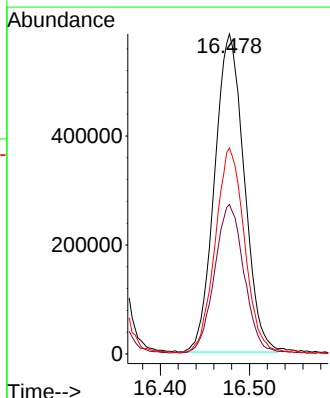
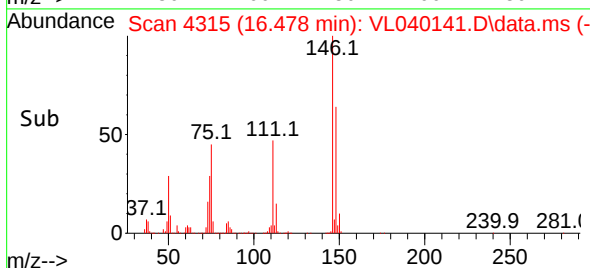
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

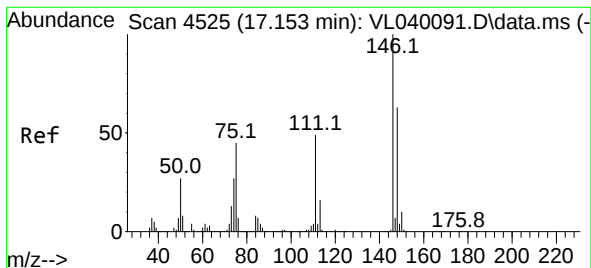


#76
1,4-Dichlorobenzene
Concen: 10.065 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. 0.010 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06



Tgt Ion:146 Resp: 1345411
Ion Ratio Lower Upper
146 100
111 47.6 23.8 71.2
148 65.5 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 10.440 ppbv

RT: 17.146 min Scan# 4523

Delta R.T. 0.010 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 135730

Ion Ratio Lower Upper

146 100

111 50.5 25.1 75.2

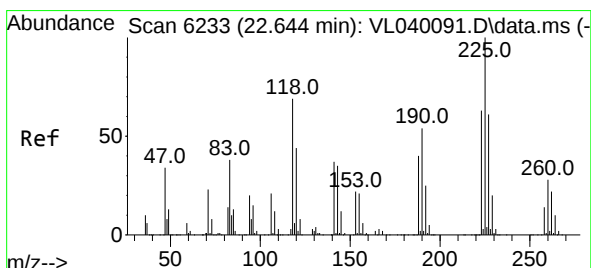
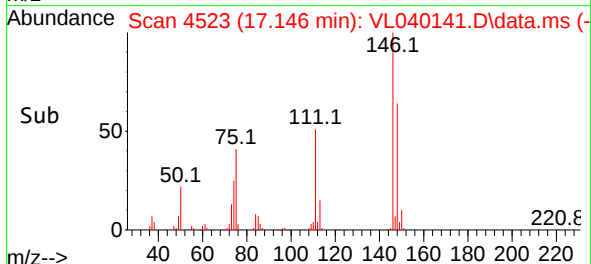
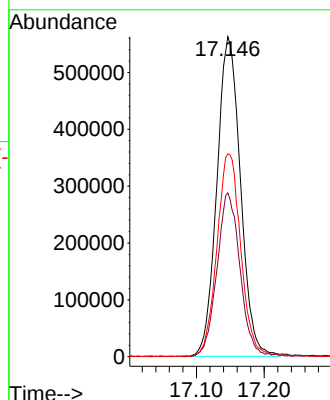
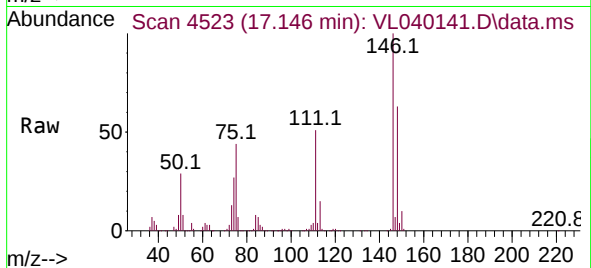
148 64.3 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/08/2023



#78

Hexachloro-1,3-Butadiene

Concen: 8.706 ppbv

RT: 22.641 min Scan# 6232

Delta R.T. 0.010 min

Lab File: VL040141.D

Acq: 6 Feb 2023 11:06

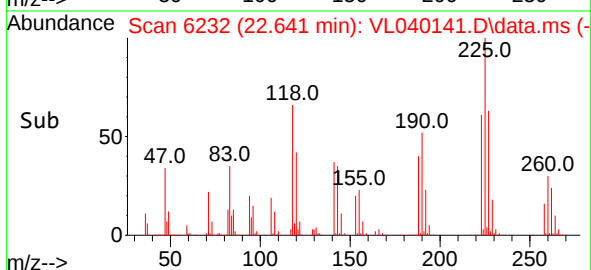
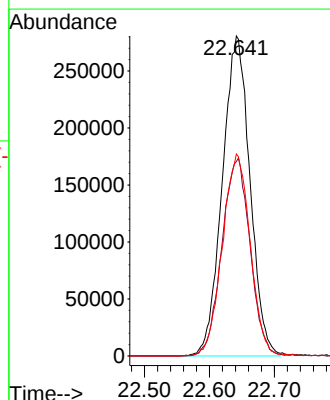
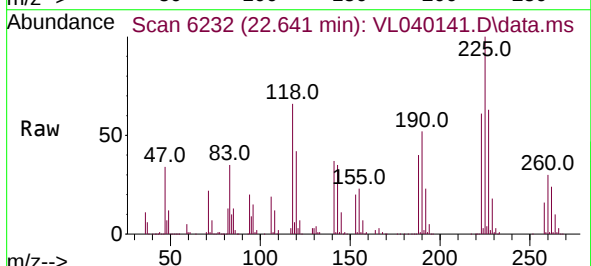
Tgt Ion:225 Resp: 828997

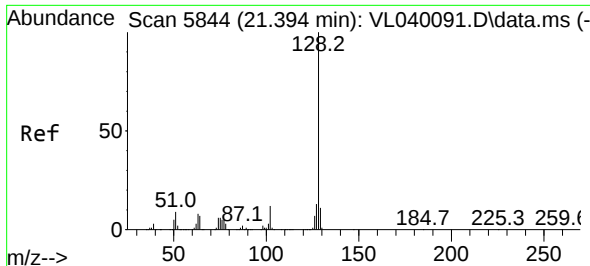
Ion Ratio Lower Upper

225 100

223 63.1 51.5 77.3

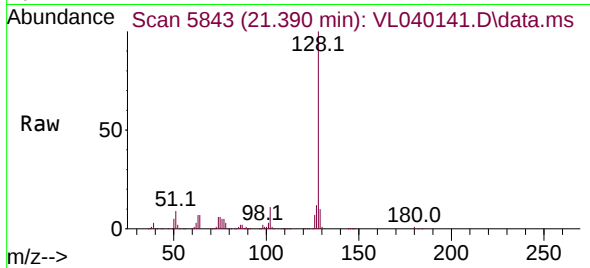
227 63.9 50.6 76.0





#79
Naphthalene
Concen: 12.812 ppbv
RT: 21.390 min Scan# 5843
Delta R.T. 0.013 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

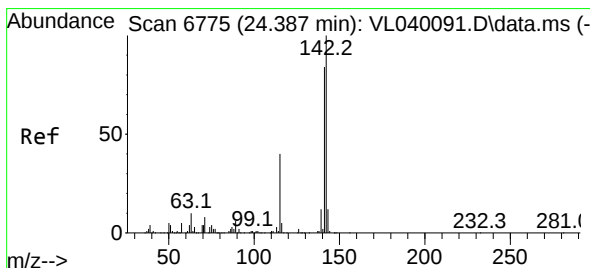
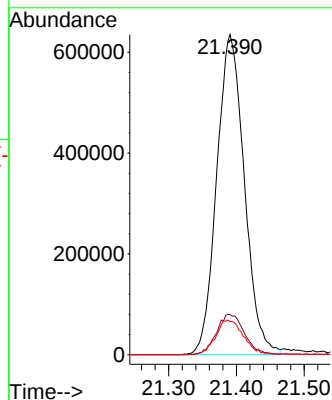
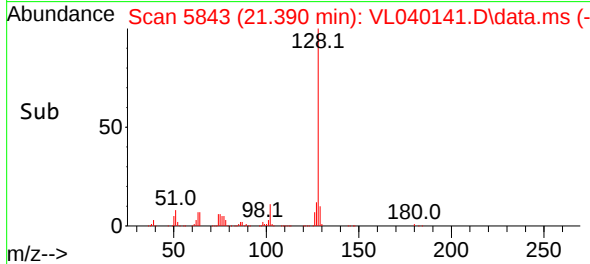
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



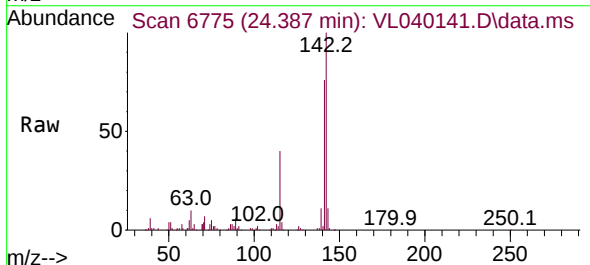
Tgt Ion:128 Resp: 1796514
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.3 8.8 13.2

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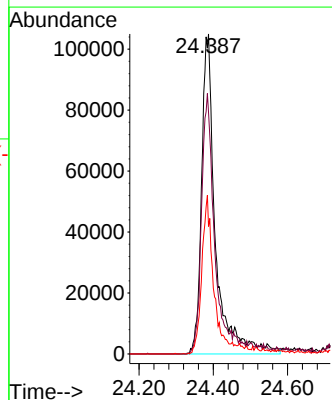
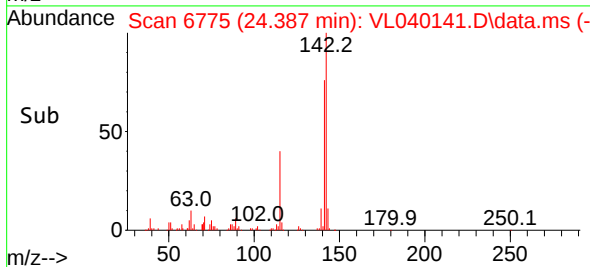
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/08/2023

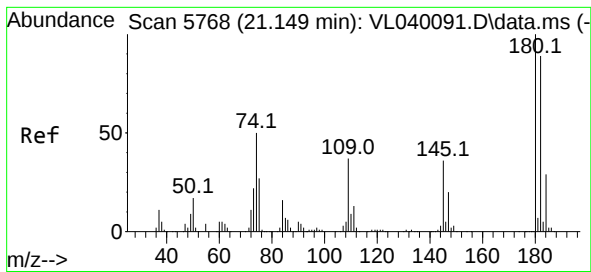


#80
Naphthalene,2-methyl-
Concen: 5.796 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.013 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06



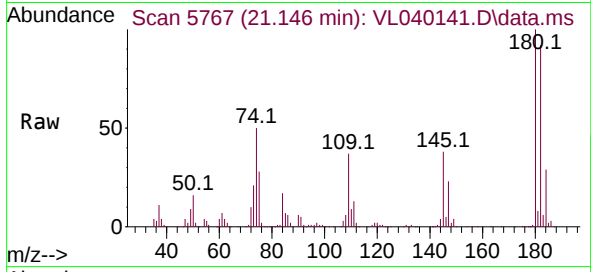
Tgt Ion:142 Resp: 273841
Ion Ratio Lower Upper
142 100
141 80.6 65.0 97.6
115 44.2 31.8 47.8





#81
1,2,4-Trichlorobenzene
Concen: 11.104 ppbv
RT: 21.146 min Scan# 51
Delta R.T. 0.013 min
Lab File: VL040141.D
Acq: 6 Feb 2023 11:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 95968
Ion Ratio Lower Upper
180 100
182 95.9 78.6 117.8
184 30.5 25.1 37.7

Manual Integrations
APPROVED

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

