

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040111.D
 Acq On : 19 Jan 2023 13:43
 Operator : SY/MD
 Sample : 01223-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 02:05:57 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1181192	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2665077	10.000	ppbv	# 0.02
55) Chlorobenzene-d5	11.535	117	1795276	10.000	ppbv	# 0.06

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.867 95 25644663 171.874 ppbv 0.08
 Spiked Amount 10.000 Range 65 - 135 Recovery = 1718.700%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	34305	0.166	ppbv	91
3) Chlorodifluoromethane	2.661	51	147421m	1.041	ppbv	
4) Chloromethane	2.799	50	81349	0.929	ppbv	98
5) Vinyl Chloride	2.912	62	426824	5.749	ppbv	97
9) Propene	2.684	41	15884825	269.858	ppbv	85
10) Heptane	7.648	43	8291372	61.116	ppbv	96
11) Trichlorofluoromethane	3.558	101	59181	0.286	ppbv	92
13) Ethanol	3.227	45	927094	171.118	ppbv	100
15) Acetone	3.455	43	10427997	73.613	ppbv #	54
16) 1,3-Butadiene	2.970	39	1309292m	19.824	ppbv	
17) tert-Butyl alcohol	3.880	59	203938m	1.546	ppbv	
19) Isopropyl Alcohol	3.571	45	377572	5.447	ppbv #	90
20) Methylene Chloride	3.931	84	779083	12.466	ppbv	95
22) trans-1,2-Dichloroethene	4.446	96	11859m	0.172	ppbv	
26) Hexane	5.230	57	6270552	57.413	ppbv #	42
27) Carbon Disulfide	4.121	76	1065529	7.531	ppbv	97
29) Chloroform	5.285	83	45392m	0.260	ppbv	
30) Cyclohexane	6.645	84	31390005	361.535	ppbv #	81
31) cis-1,2-Dichloroethene	5.086	61	571251	5.403	ppbv	96
32) 1,1,1-Trichloroethane	6.021	97	15502m	0.087	ppbv	
34) 2-Butanone	4.783	43	10062393	79.822	ppbv	96
35) Carbon Tetrachloride	6.516	117	5978m	0.040	ppbv	
36) Benzene	6.385	78	9347259	47.395	ppbv	94
41) Tetrahydrofuran	5.561	42	1124783m	15.459	ppbv	
44) 2,2,4-Trimethylpentane	7.426	57	77428254m	236.073	ppbv	
52) Tetrachloroethene	10.722	164	10415m	0.161	ppbv	
53) Toluene	9.291	91	3581517	17.026	ppbv	96
58) Ethyl Benzene	12.198	91	4495165	22.437	ppbv	98
59) m/p-Xylene	12.458	91	1895128m	10.521	ppbv	
60) o-Xylene	13.169	91	986969m	5.772	ppbv	
61) Styrene	12.998	104	118672m	1.332	ppbv	
62) Isopropylbenzene	14.140	105	24780092	100.758	ppbv	92
64) n-propylbenzene	15.088	120	4510853m	73.784	ppbv	
65) tert-Butylbenzene	16.194	119	1540712m	7.317	ppbv	
67) sec-Butylbenzene	16.728	105	9585924	32.113	ppbv	97
70) n-Butylbenzene	17.956	91	378819	1.498	ppbv #	83
73) 1,3,5-Trimethylbenzene	15.500	105	182476m	1.068	ppbv	
74) 1,2,4-Trimethylbenzene	16.214	105	806075	4.260	ppbv #	75
79) Naphthalene	21.429	128	24587m	0.227	ppbv	

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

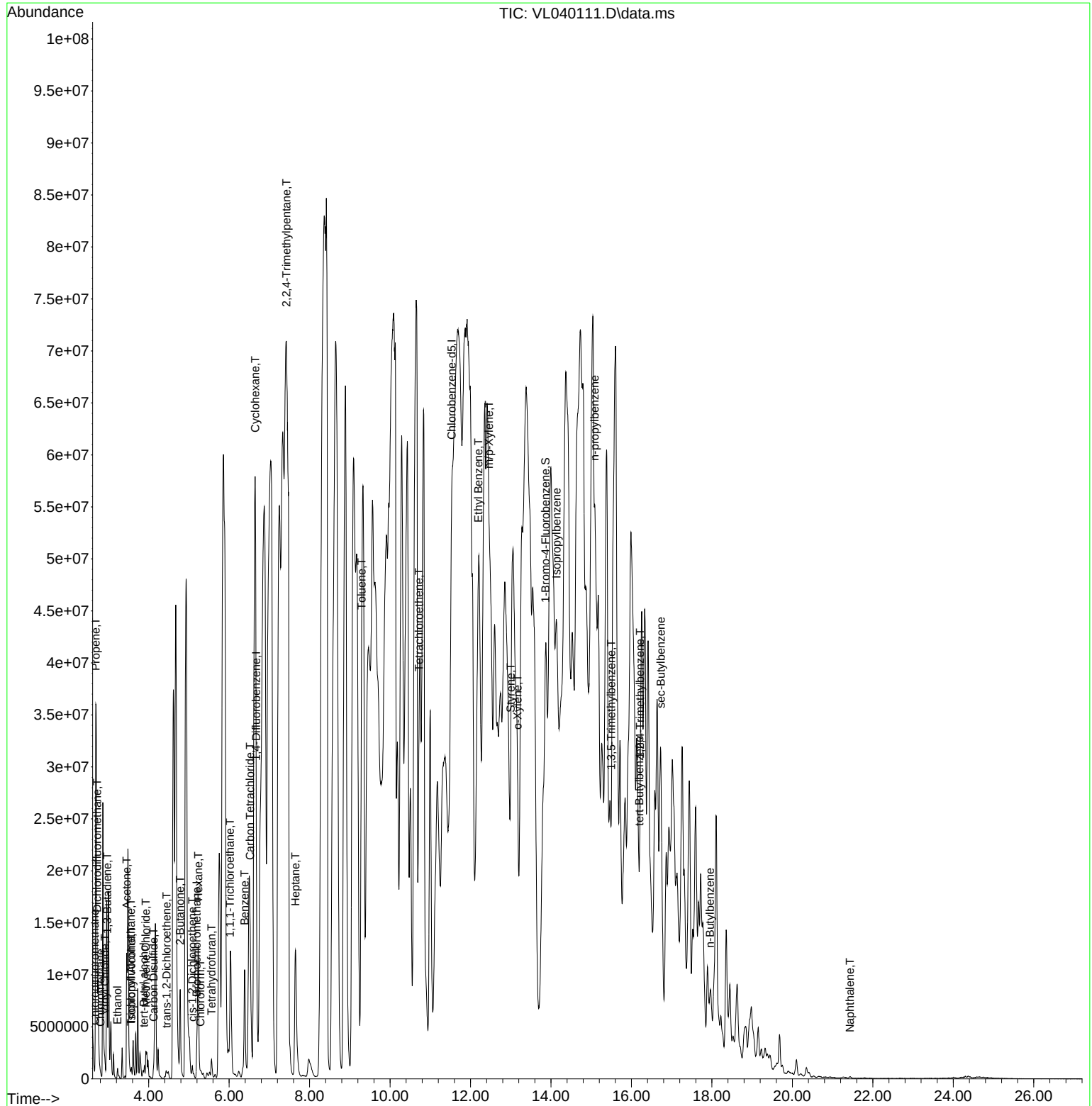
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
Data File : VL040111.D
Acq On : 19 Jan 2023 13:43
Operator : SY/MD
Sample : 01223-01
Misc : 400mL/MSVOA_L
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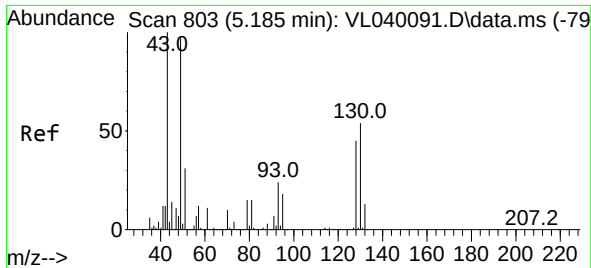
Instrument :
MSVOA_L
ClientSampleId :
VP-1

Quant Time: Jan 20 02:05:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jan 16 14:40:47 2023
Response via : Initial Calibration

Manual Integrations
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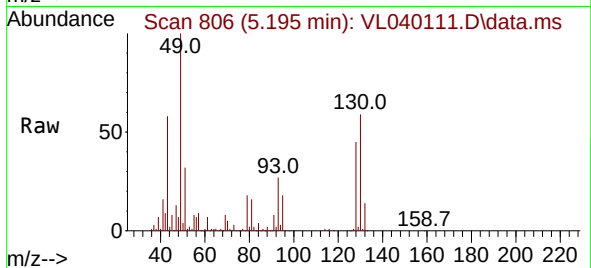
Reviewed By : Semsettin Yesilyurt 01/20/2023
Supervised By : Mahesh Dadoda 01/20/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

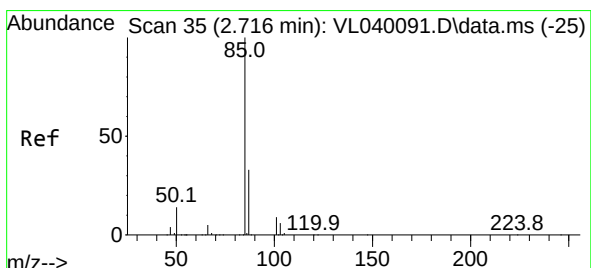
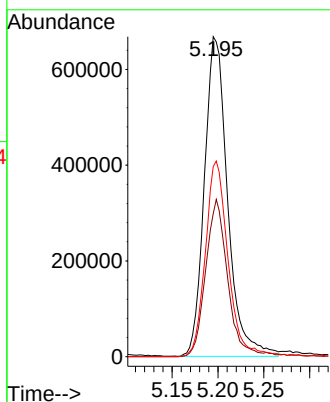
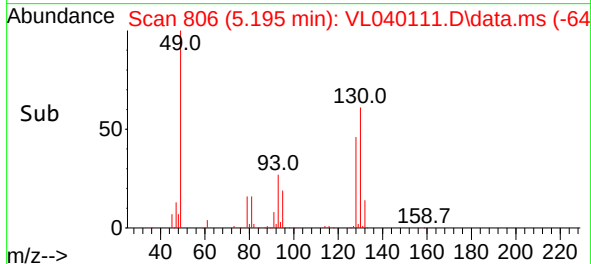
Instrument :
MSVOA_L
ClientSampleId :
VP-1



Tgt Ion: 49 Resp: 1181192
Ion Ratio Lower Upper
49 100
128 47.3 23.6 71.0
130 60.4 29.8 89.3

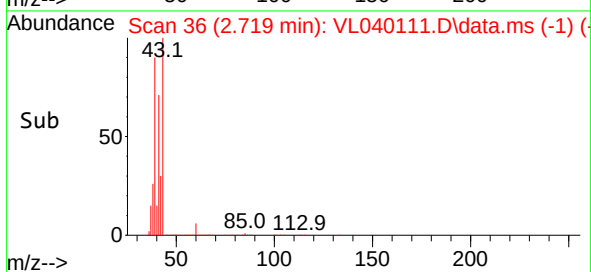
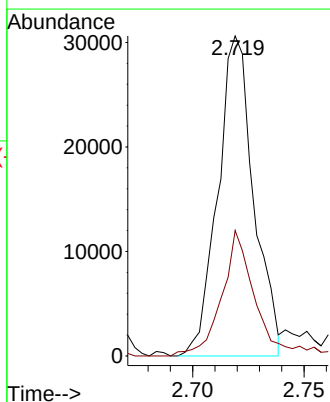
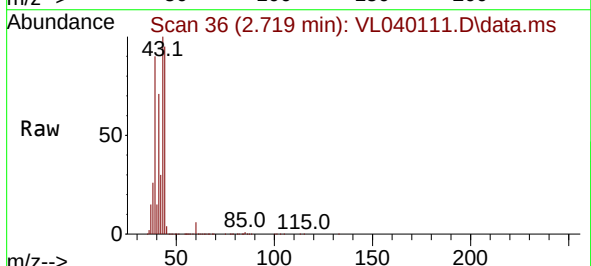
Manual Integrations
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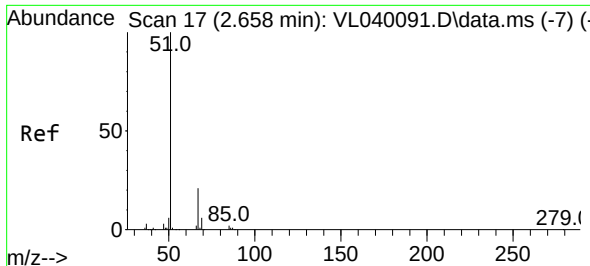
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#2
Dichlorodifluoromethane
Concen: 0.166 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.003 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

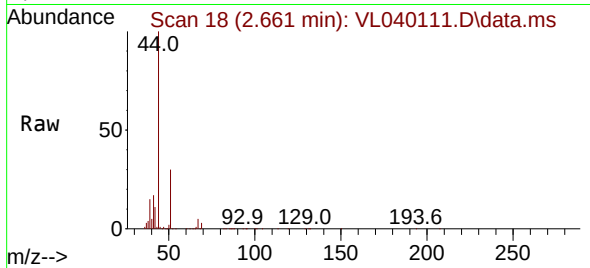
Tgt Ion: 85 Resp: 34305
Ion Ratio Lower Upper
85 100
87 37.9 26.5 39.7





#3
Chlorodifluoromethane
Concen: 1.041 ppbv m
RT: 2.661 min Scan# 18
Delta R.T. 0.003 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

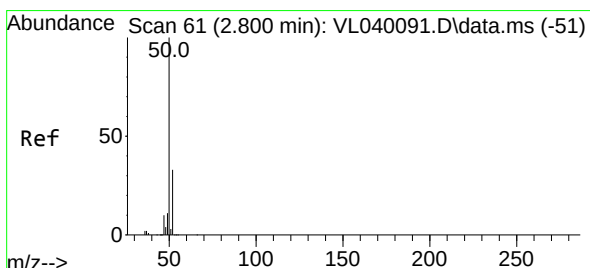
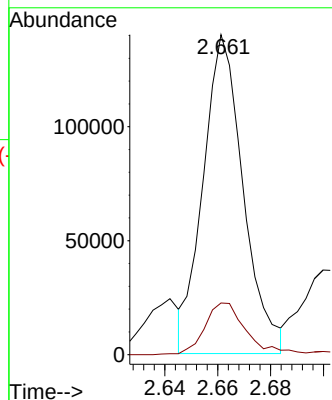
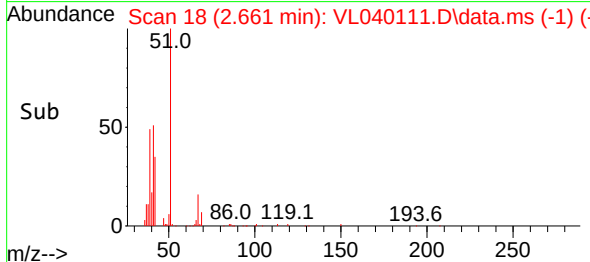
Instrument :
MSVOA_L
ClientSampleId :
VP-1



Tgt Ion: 51 Resp: 14742
Ion Ratio Lower Upper
51 100
67 18.0 16.4 24.6

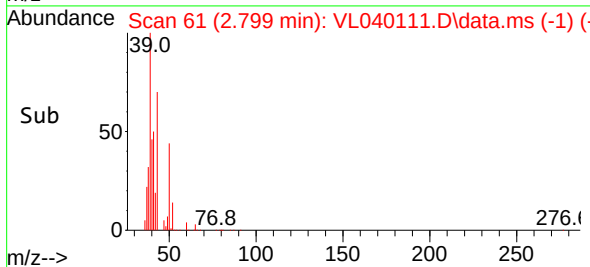
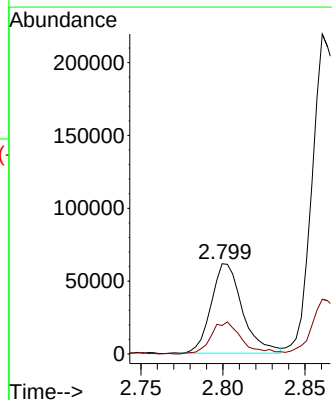
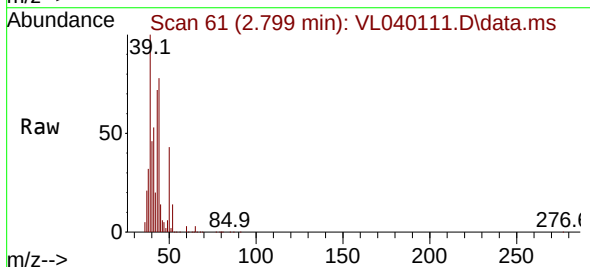
Manual Integrations
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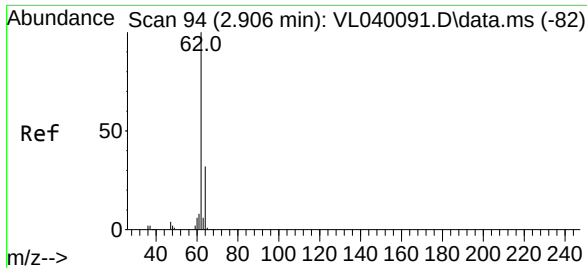
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#4
Chloromethane
Concen: 0.929 ppbv
RT: 2.799 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

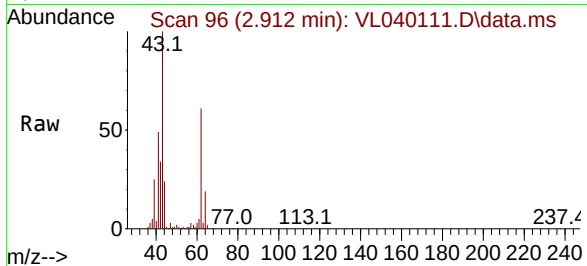
Tgt Ion: 50 Resp: 81349
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7





#5
 Vinyl Chloride
 Concen: 5.749 ppbv
 RT: 2.912 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VL040111.D
 Acq: 19 Jan 2023 13:43

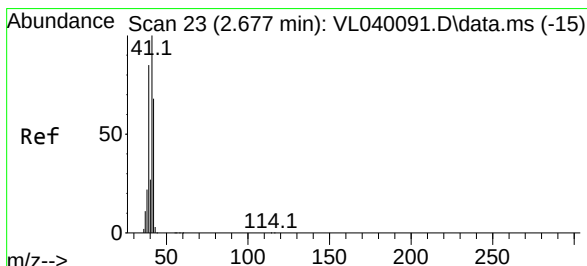
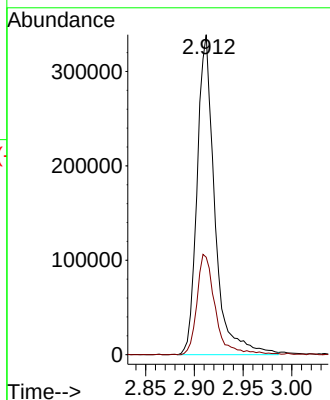
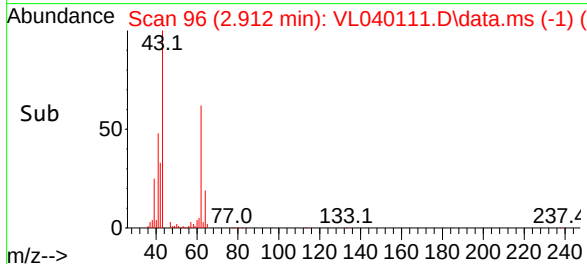
Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1



Tgt Ion: 62 Resp: 426824
 Ion Ratio Lower Upper
 62 100
 64 30.4 25.8 38.6

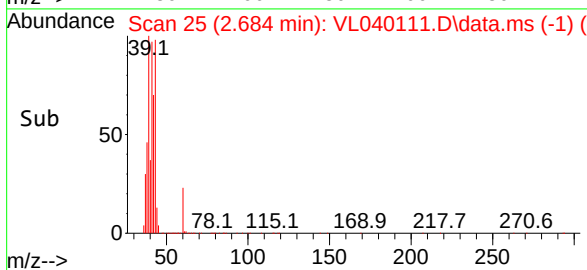
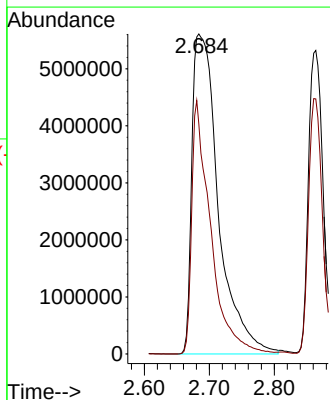
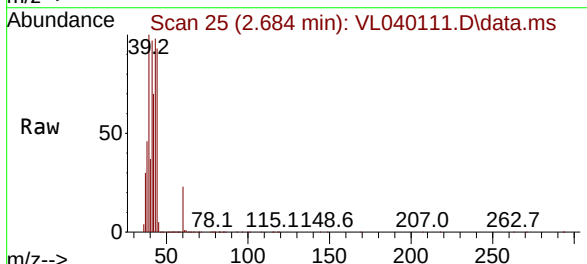
Manual Integrations
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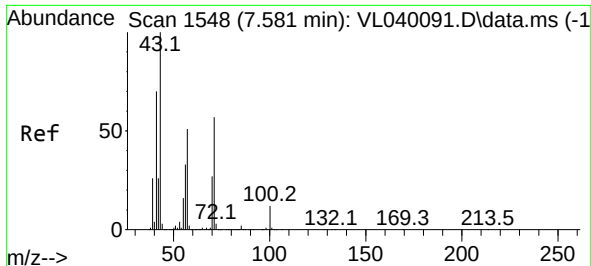
Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#9
 Propene
 Concen: 269.858 ppbv
 RT: 2.684 min Scan# 25
 Delta R.T. 0.006 min
 Lab File: VL040111.D
 Acq: 19 Jan 2023 13:43

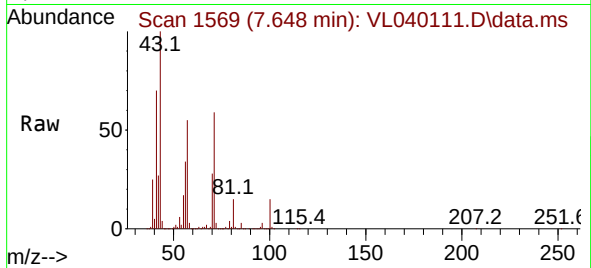
Tgt Ion: 41 Resp:15884825
 Ion Ratio Lower Upper
 41 100
 42 57.1 55.6 83.4





#10
Heptane
Concen: 61.116 ppbv
RT: 7.648 min Scan# 11
Delta R.T. 0.067 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

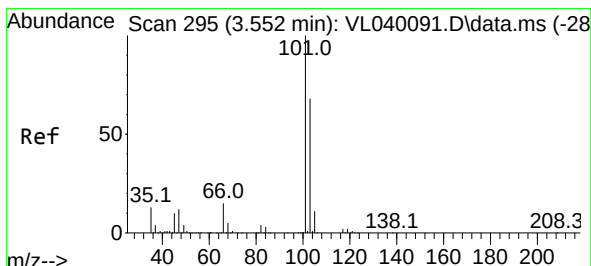
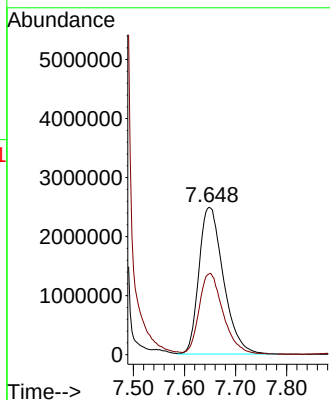
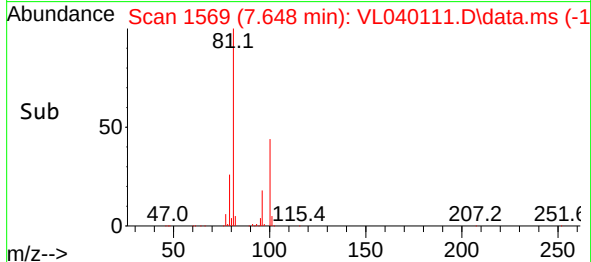
Instrument :
MSVOA_L
ClientSampleId :
VP-1



Tgt Ion: 43 Resp: 8291372
Ion Ratio Lower Upper
43 100
57 53.8 40.9 61.3

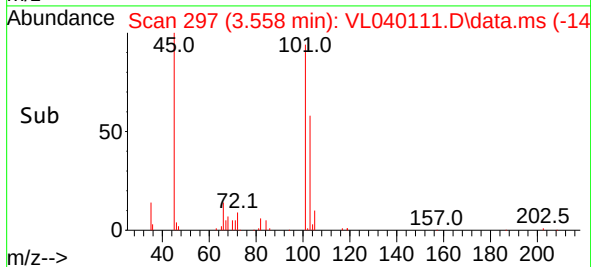
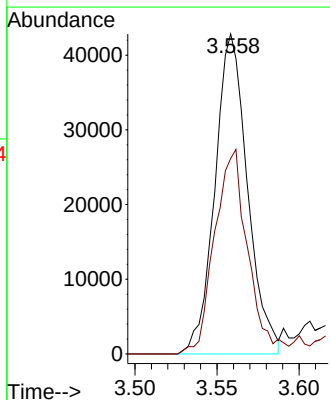
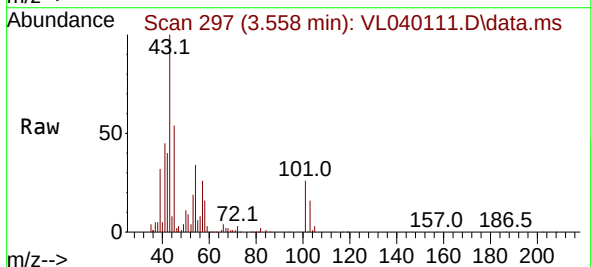
Manual Integrations
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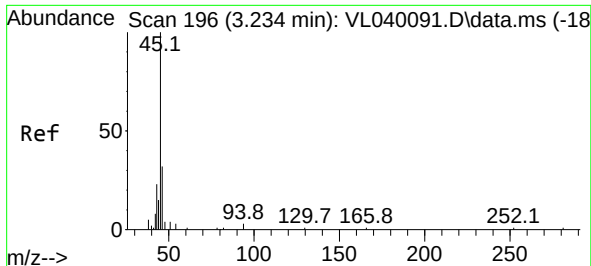
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#11
Trichlorofluoromethane
Concen: 0.286 ppbv
RT: 3.558 min Scan# 297
Delta R.T. 0.006 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

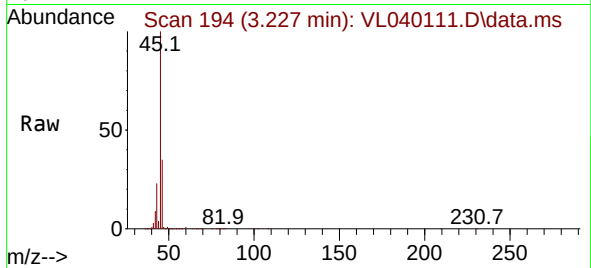
Tgt Ion:101 Resp: 59181
Ion Ratio Lower Upper
101 100
103 61.1 54.0 81.0





#13
Ethanol
Concen: 171.118 ppbv
RT: 3.227 min Scan# 194
Delta R.T. -0.007 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

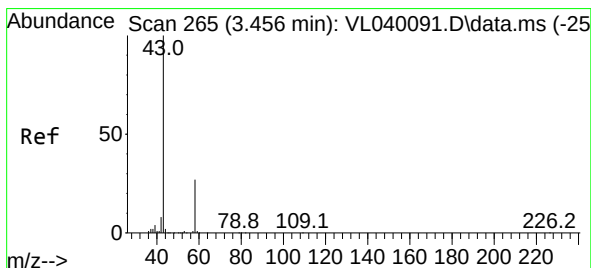
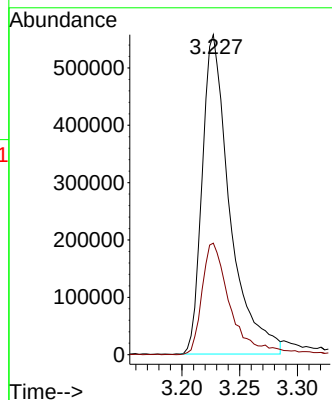
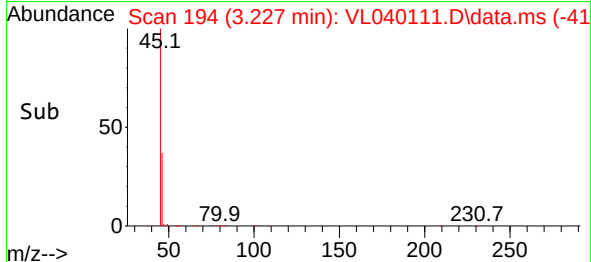
Instrument :
MSVOA_L
ClientSampleId :
VP-1



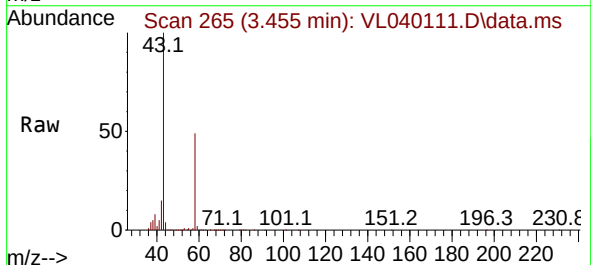
Tgt Ion: 45 Resp: 927094
Ion Ratio Lower Upper
45 100
46 37.0 14.8 59.2

Manual Integrations
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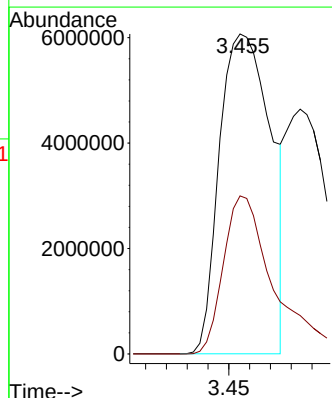
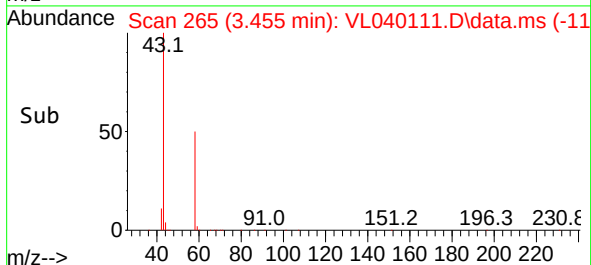
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

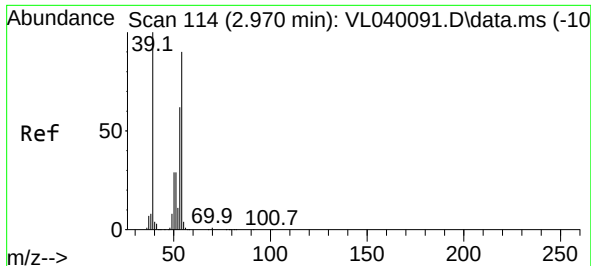


#15
Acetone
Concen: 73.613 ppbv
RT: 3.455 min Scan# 265
Delta R.T. -0.000 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43



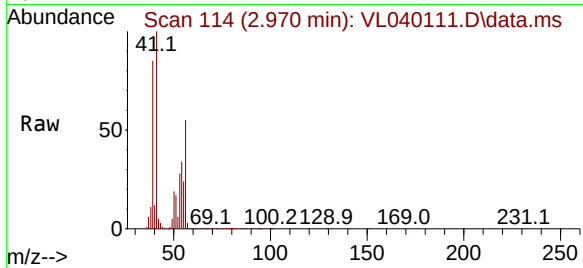
Tgt Ion: 43 Resp:10427997
Ion Ratio Lower Upper
43 100
58 51.3 21.8 32.8#





#16
1,3-Butadiene
Concen: 19.824 ppbv m
RT: 2.970 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

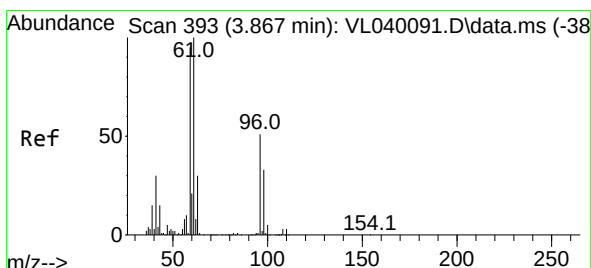
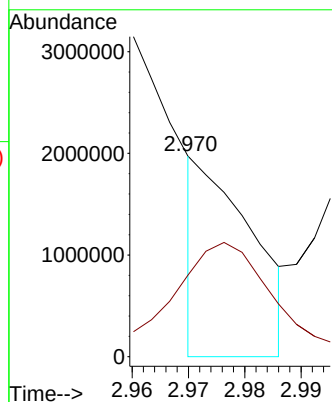
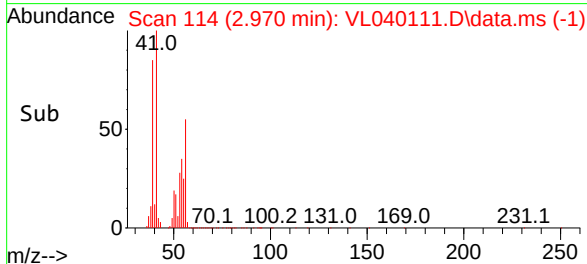
Instrument :
MSVOA_L
ClientSampleId :
VP-1



Tgt Ion: 39 Resp: 1309292
Ion Ratio Lower Upper
39 100
54 0.0 67.9 101.9

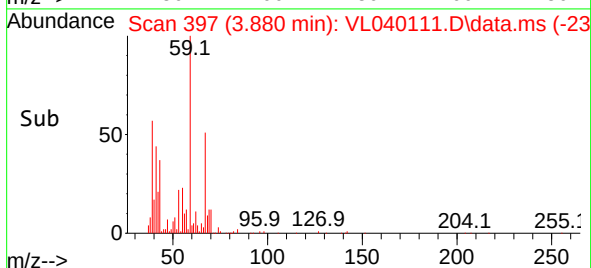
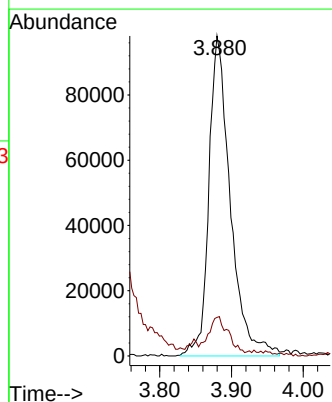
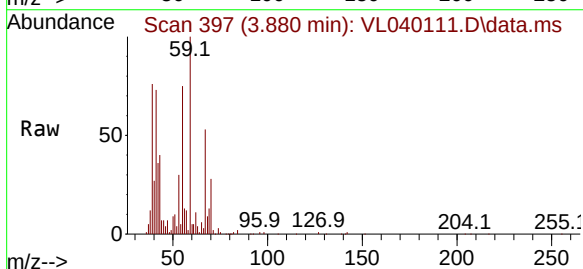
Manual Integrations
APPROVED

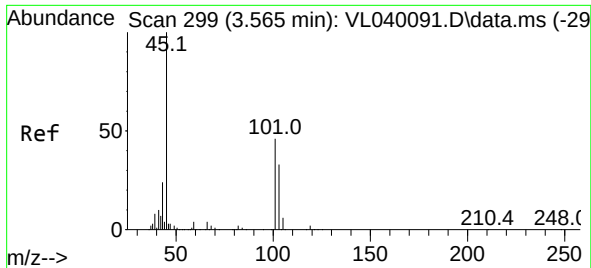
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#17
tert-Butyl alcohol
Concen: 1.546 ppbv m
RT: 3.880 min Scan# 397
Delta R.T. 0.013 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

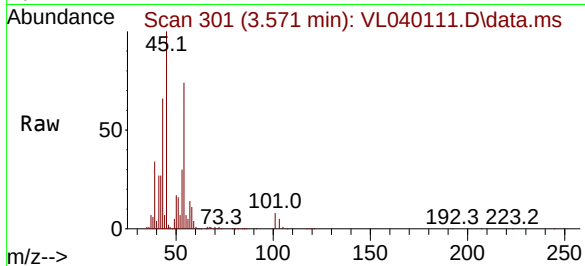
Tgt Ion: 59 Resp: 203938
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7





#19
Isopropyl Alcohol
Concen: 5.447 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.006 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

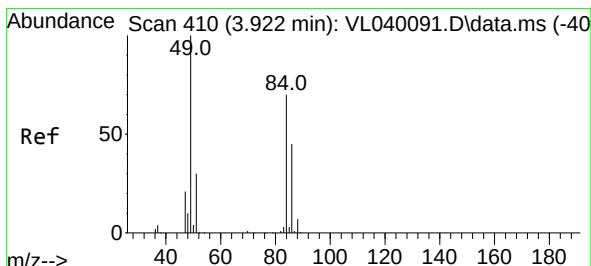
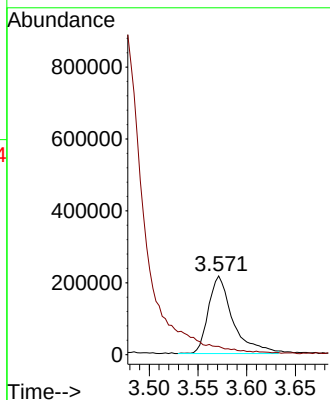
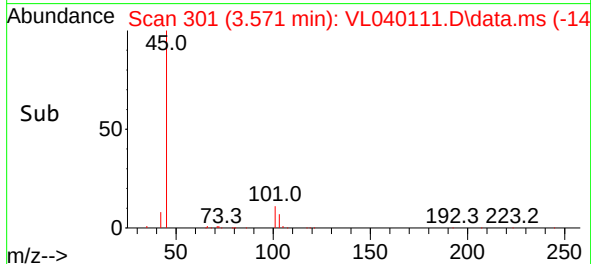
Instrument :
MSVOA_L
ClientSampleId :
VP-1



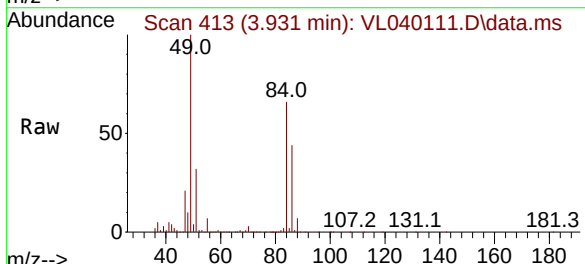
Tgt Ion: 45 Resp: 377572
Ion Ratio Lower Upper
45 100
58 0.0 2.6 4.0

Manual Integrations
APPROVED

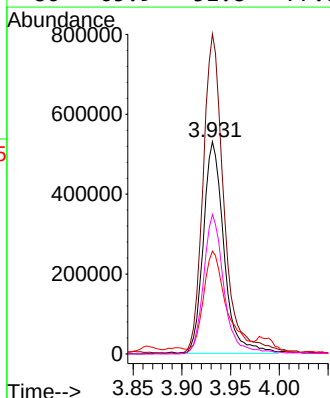
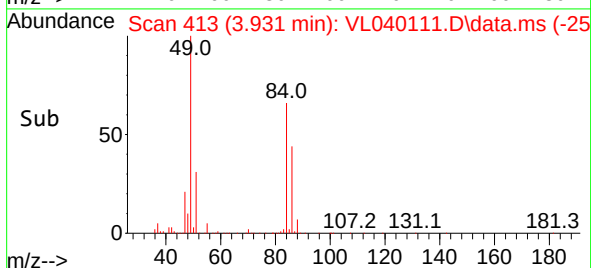
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

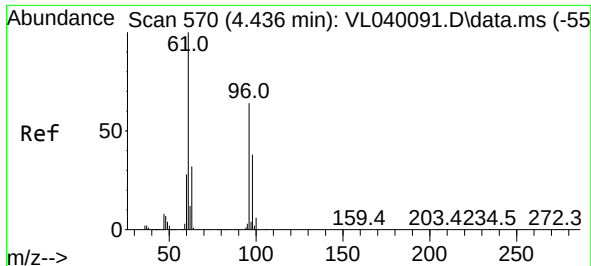


#20
Methylene Chloride
Concen: 12.466 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.010 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43



Tgt Ion: 84 Resp: 779083
Ion Ratio Lower Upper
84 100
49 150.8 114.6 171.8
51 45.6 34.3 51.5
86 65.9 51.8 77.8





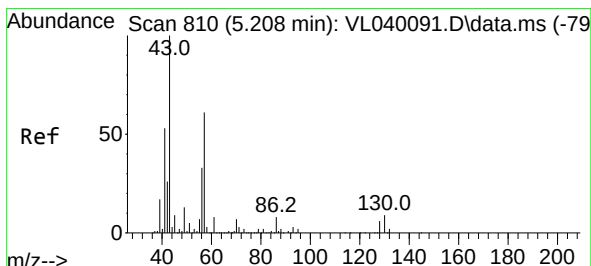
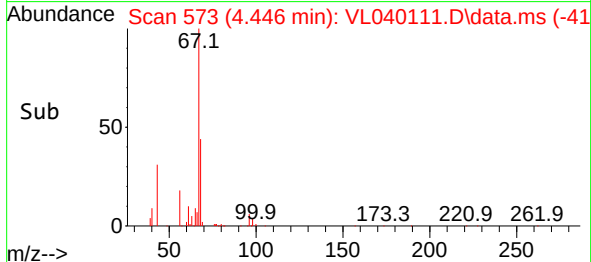
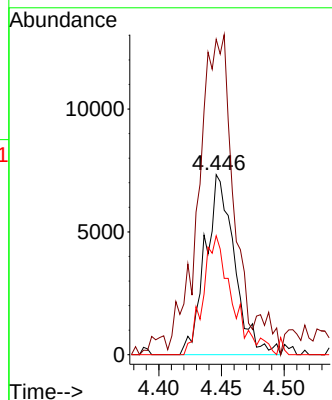
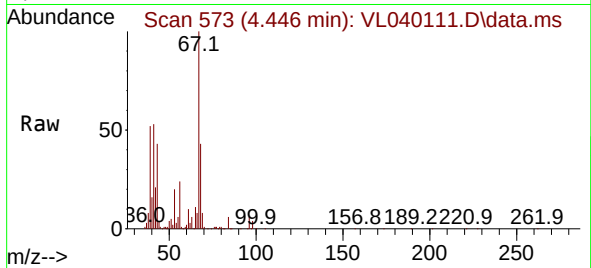
#22
trans-1,2-Dichloroethene
Concen: 0.172 ppbv m
RT: 4.446 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 96 Resp: 11859
Ion Ratio Lower Upper
96 100
61 175.2 125.8 188.8
98 66.1 47.4 71.2

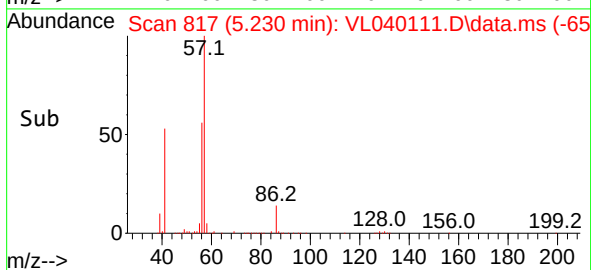
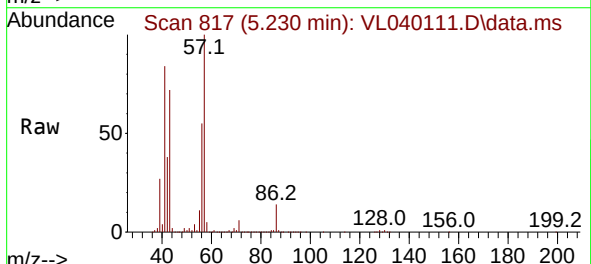
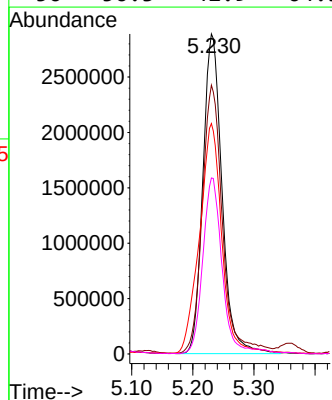
Manual Integrations
APPROVED

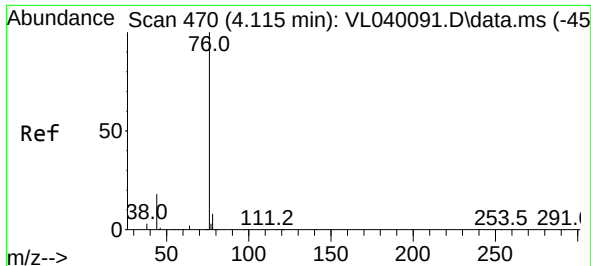
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#26
Hexane
Concen: 57.413 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.022 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

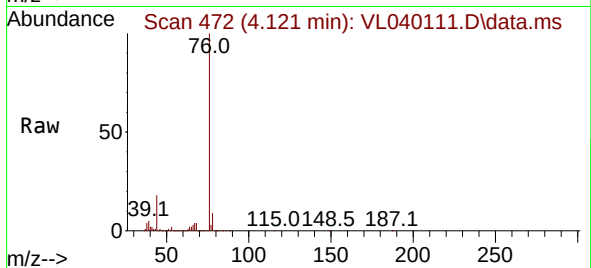
Tgt Ion: 57 Resp: 6270552
Ion Ratio Lower Upper
57 100
41 89.4 72.2 108.4
43 84.0 192.1 288.1#
56 56.3 42.9 64.3





#27
Carbon Disulfide
Concen: 7.531 ppbv
RT: 4.121 min Scan# 411
Delta R.T. 0.006 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

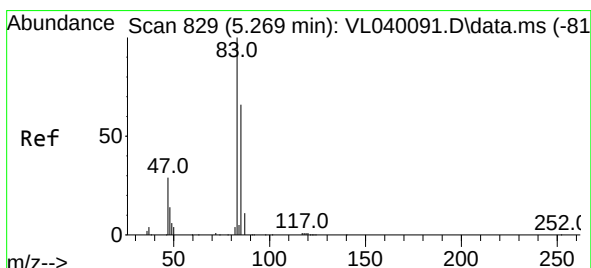
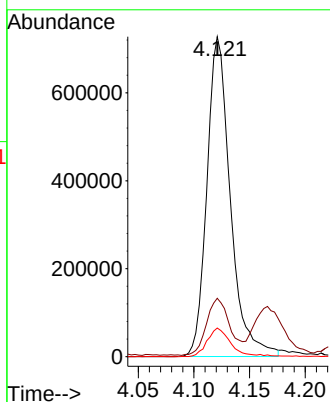
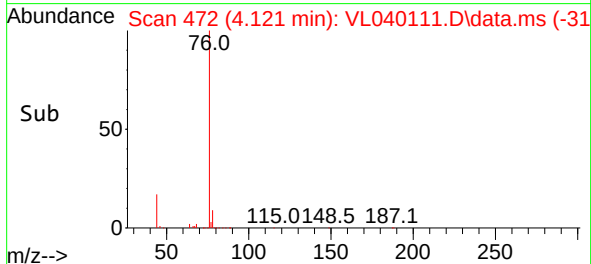
Instrument :
MSVOA_L
ClientSampleId :
VP-1



Tgt Ion: 76 Resp: 1065529
Ion Ratio Lower Upper
76 100
44 17.4 14.9 22.3
78 9.3 8.2 12.2

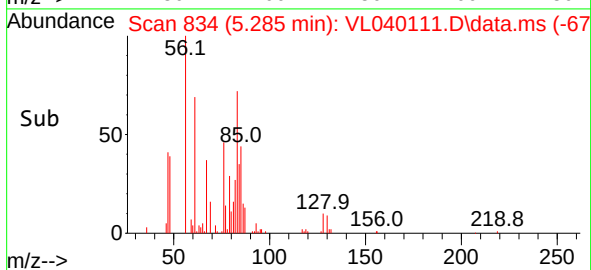
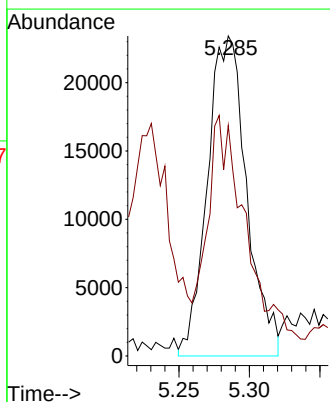
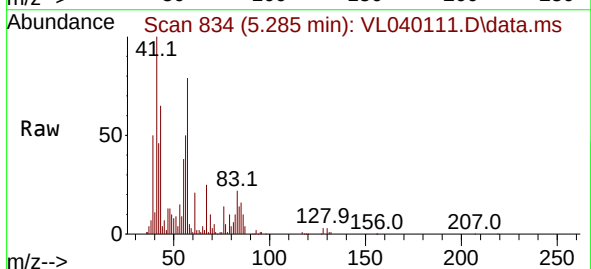
Manual Integrations
APPROVED

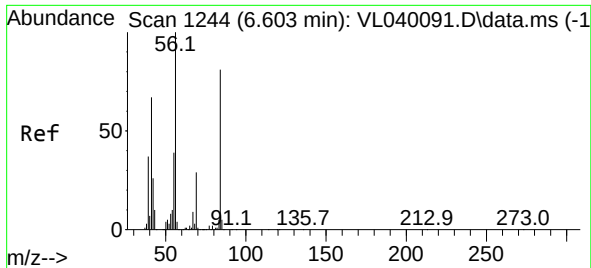
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#29
Chloroform
Concen: 0.260 ppbv m
RT: 5.285 min Scan# 834
Delta R.T. 0.016 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Tgt Ion: 83 Resp: 45392
Ion Ratio Lower Upper
83 100
85 72.0 53.1 79.7





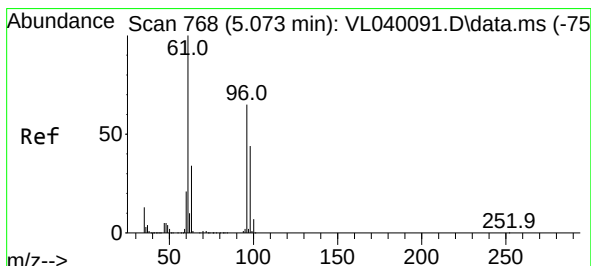
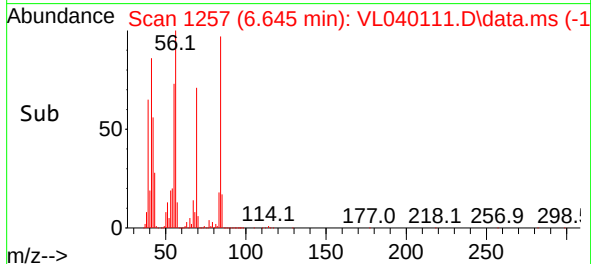
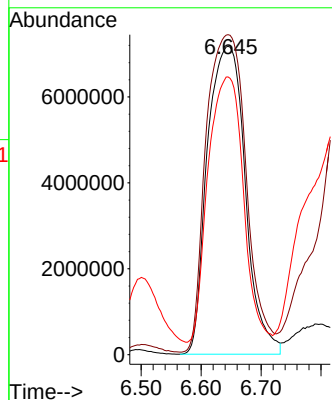
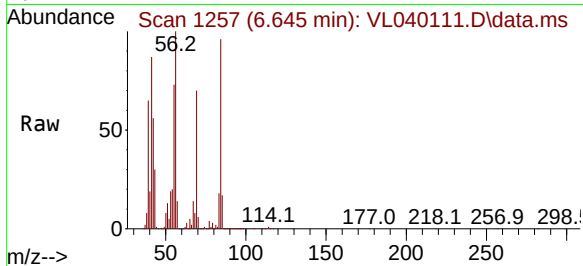
#30
Cyclohexane
Concen: 361.535 ppbv
RT: 6.645 min Scan# 111
Delta R.T. 0.042 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 84 Resp: 3139000
Ion Ratio Lower Upper
84 100
56 108.9 111.5 167.3
41 79.7 71.4 107.0

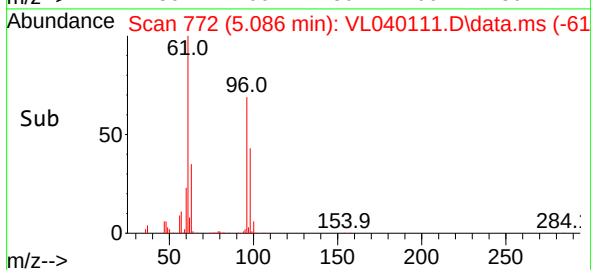
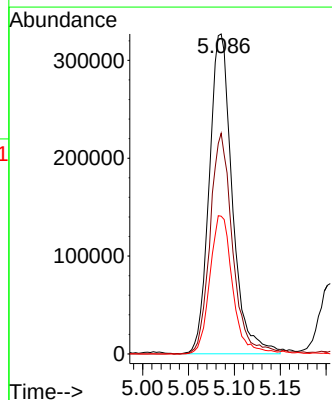
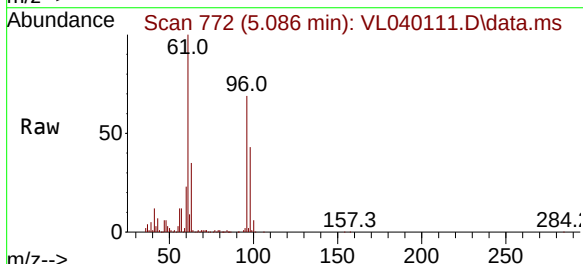
Manual Integrations
APPROVED

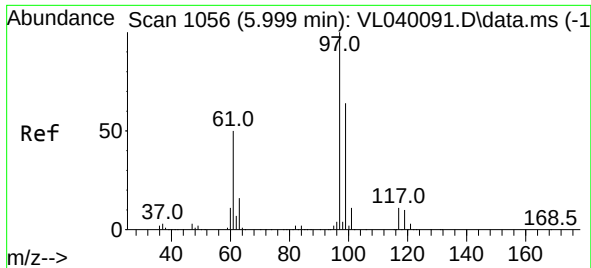
Reviewed By : Semsettin Yesilyurt 01/20/2023
Supervised By : Mahesh Dadoda 01/20/2023



#31
cis-1,2-Dichloroethene
Concen: 5.403 ppbv
RT: 5.086 min Scan# 772
Delta R.T. 0.013 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Tgt Ion: 61 Resp: 571251
Ion Ratio Lower Upper
61 100
96 69.3 52.0 78.0
98 43.3 35.3 52.9





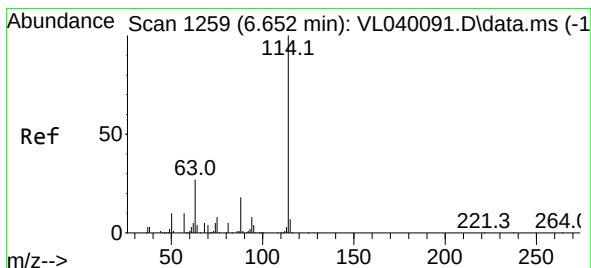
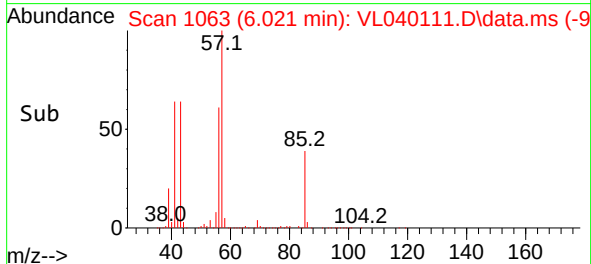
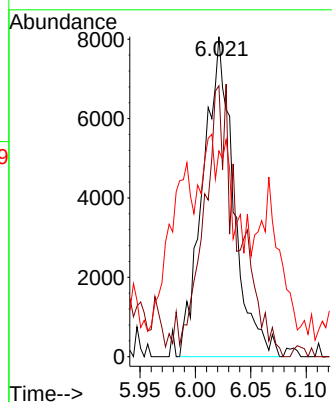
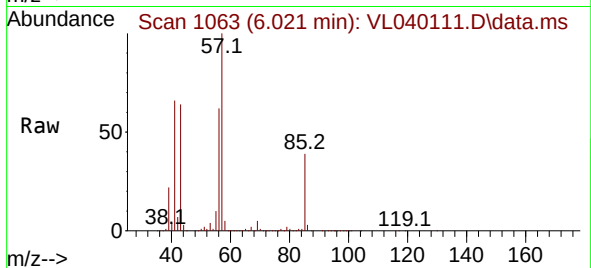
#32
1,1,1-Trichloroethane
Concen: 0.087 ppbv m
RT: 6.021 min Scan# 1056
Delta R.T. 0.022 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 97 Resp: 15502
Ion Ratio Lower Upper
97 100
99 99.8 51.8 77.6
61 129.9 40.4 60.6

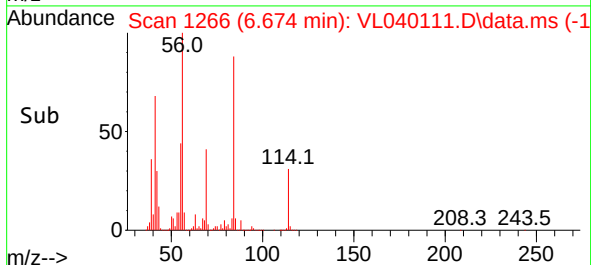
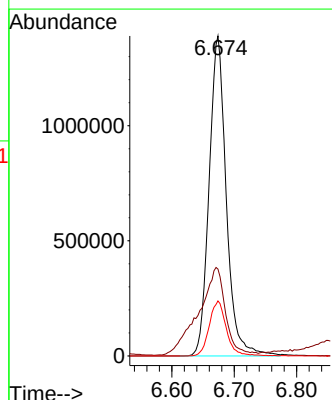
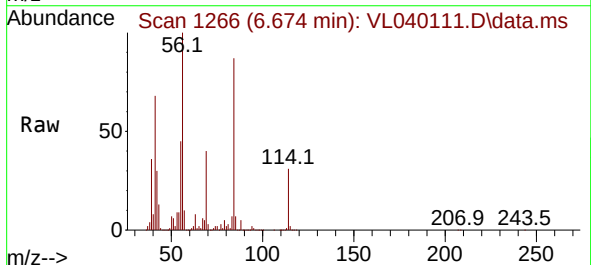
Manual Integrations
APPROVED

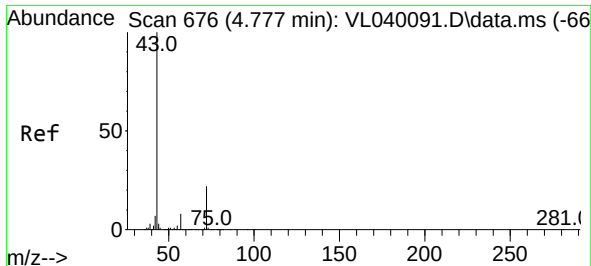
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 1266
Delta R.T. 0.022 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Tgt Ion:114 Resp: 2665077
Ion Ratio Lower Upper
114 100
63 43.7 21.8 32.8
88 17.3 14.8 22.2





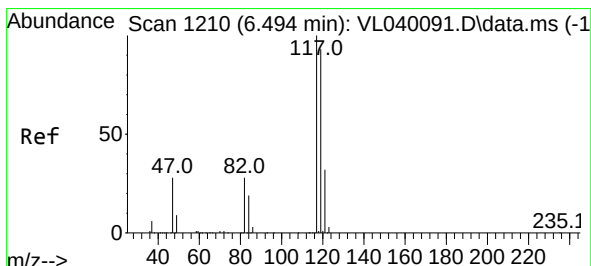
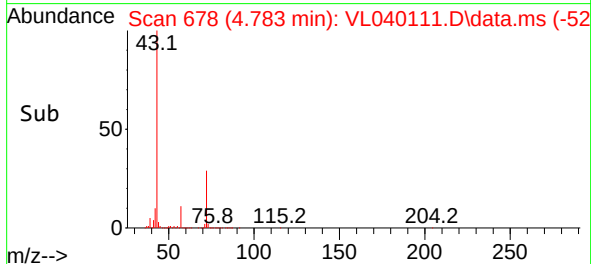
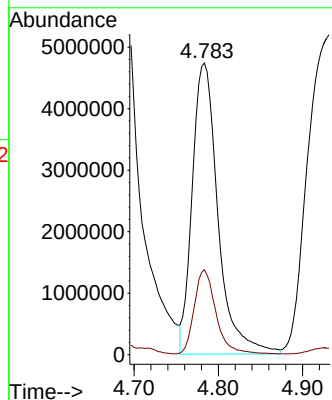
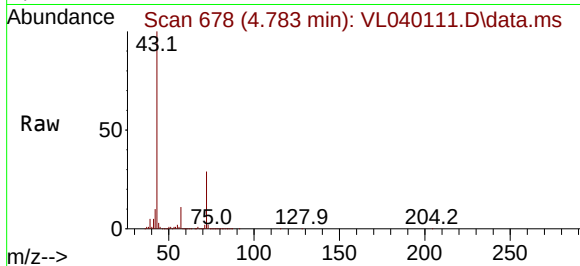
#34
2-Butanone
Concen: 79.822 ppbv
RT: 4.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 43 Resp:1006239
Ion Ratio Lower Upper
43 100
72 25.2 18.4 27.6

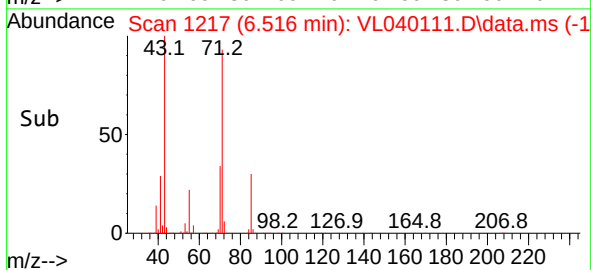
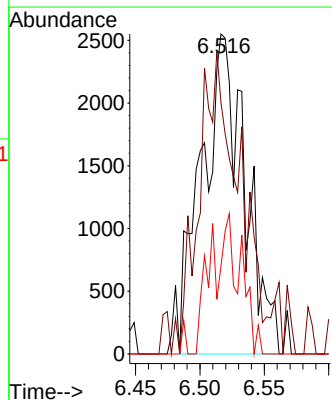
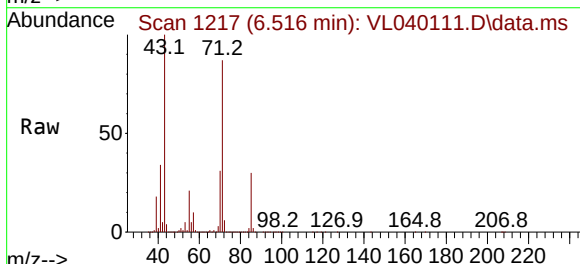
Manual Integrations
APPROVED

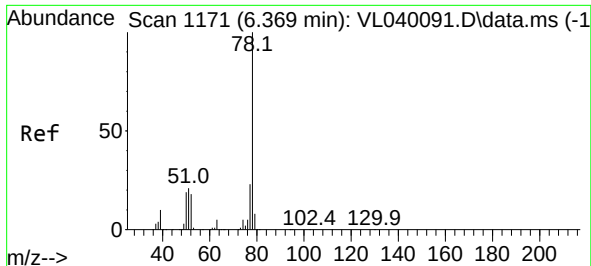
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#35
Carbon Tetrachloride
Concen: 0.040 ppbv m
RT: 6.516 min Scan# 1217
Delta R.T. 0.022 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

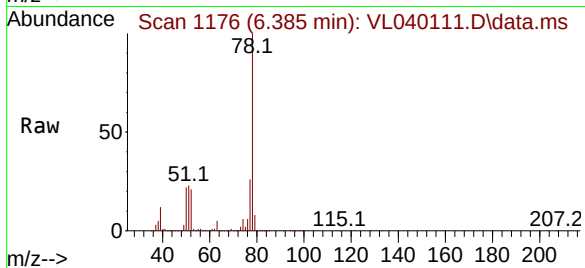
Tgt Ion:117 Resp: 5978
Ion Ratio Lower Upper
117 100
119 78.5 74.5 111.7
121 27.5 25.4 38.0





#36
Benzene
Concen: 47.395 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.016 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

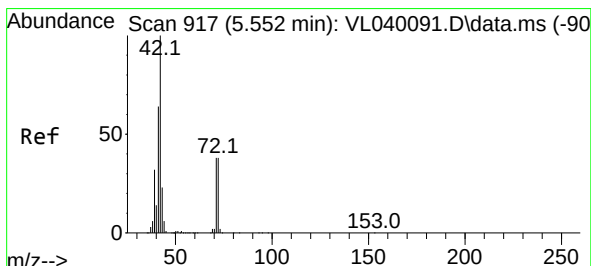
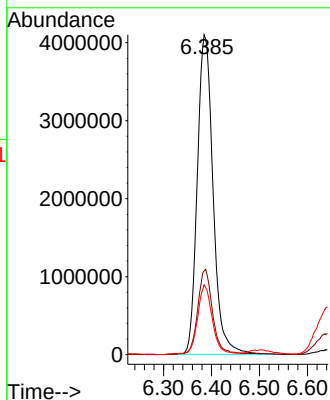
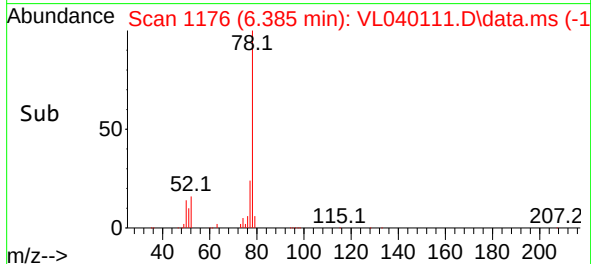
Instrument :
MSVOA_L
ClientSampleId :
VP-1



Tgt Ion: 78 Resp: 9347259
Ion Ratio Lower Upper
78 100
77 26.0 18.1 27.1
50 21.5 15.6 23.4

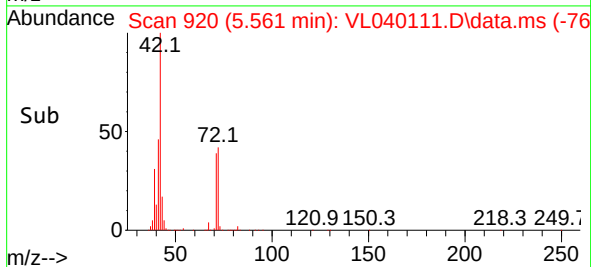
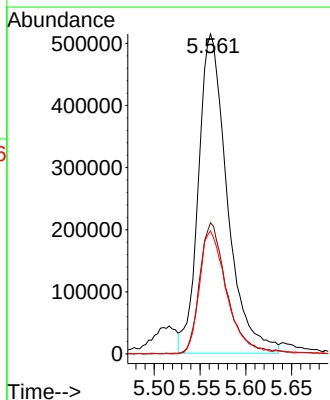
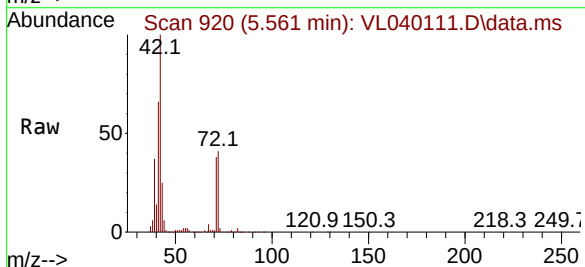
Manual Integrations
APPROVED

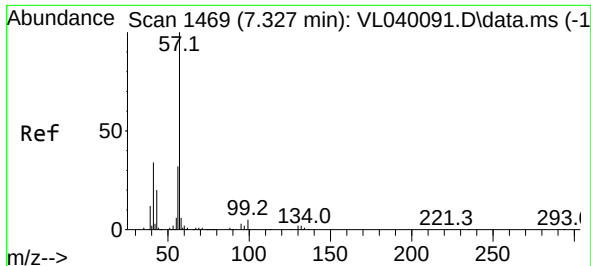
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#41
Tetrahydrofuran
Concen: 15.459 ppbv m
RT: 5.561 min Scan# 920
Delta R.T. 0.009 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Tgt Ion: 42 Resp: 1124783
Ion Ratio Lower Upper
42 100
72 39.1 31.9 47.9
71 37.4 31.4 47.2





#44

2,2,4-Trimethylpentane

Concen: 236.073 ppbv m

RT: 7.426 min Scan# 1

Delta R.T. 0.100 min

Lab File: VL040111.D

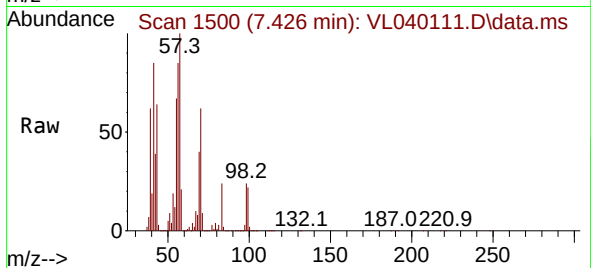
Acq: 19 Jan 2023 13:43

Instrument :

MSVOA_L

ClientSampleId :

VP-1



Tgt Ion: 57 Resp: 7742825

Ion Ratio Lower Upper

57 100

41 0.0 27.1 40.7

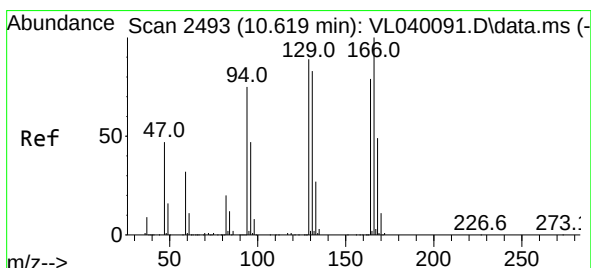
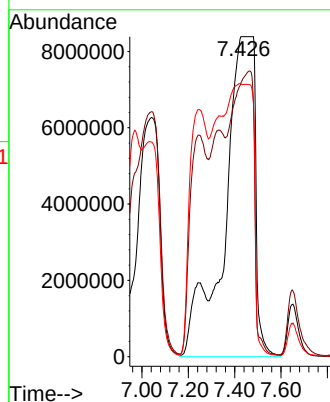
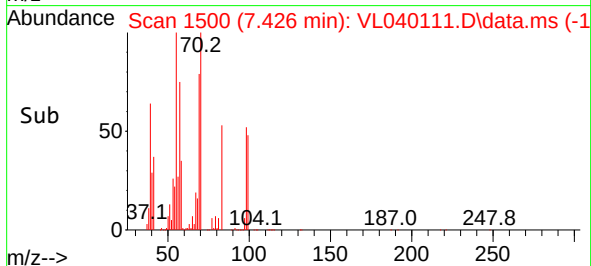
56 0.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#52

Tetrachloroethene

Concen: 0.161 ppbv m

RT: 10.722 min Scan# 2525

Delta R.T. 0.103 min

Lab File: VL040111.D

Acq: 19 Jan 2023 13:43

Tgt Ion: 164 Resp: 10415

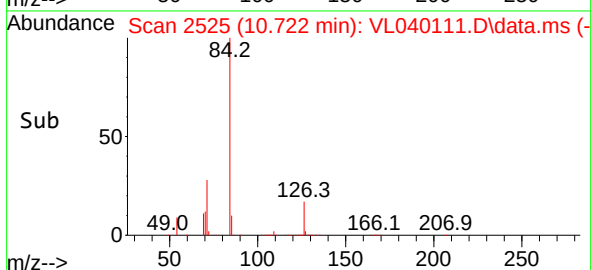
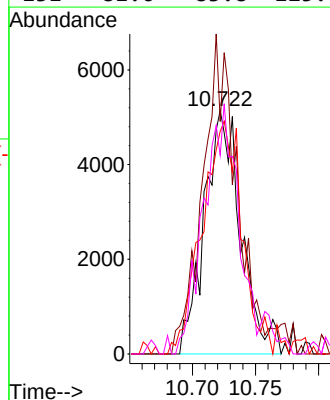
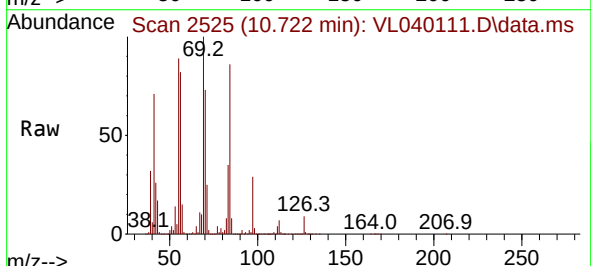
Ion Ratio Lower Upper

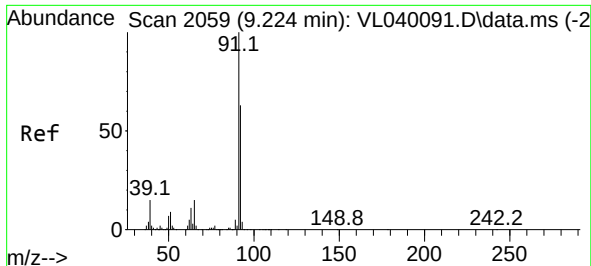
164 100

166 95.5 101.2 151.8

129 91.4 90.2 135.2

131 81.6 83.8 125.8





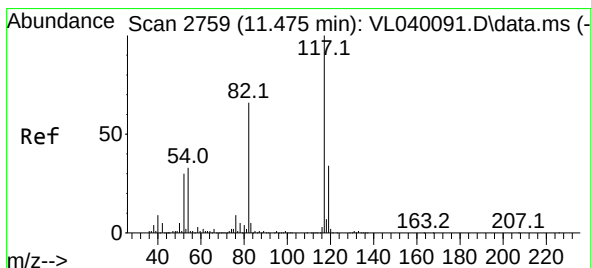
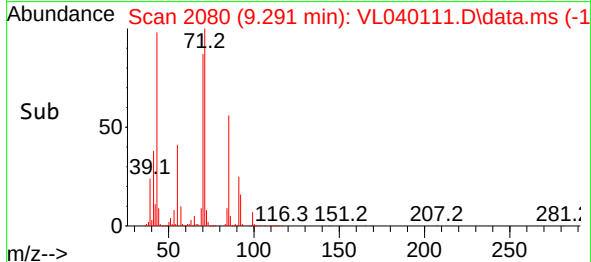
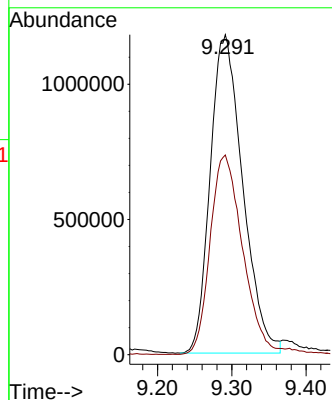
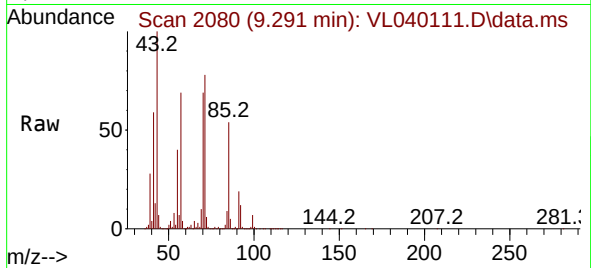
#53
Toluene
Concen: 17.026 ppbv
RT: 9.291 min Scan# 2059
Delta R.T. 0.067 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 91 Resp: 358151
Ion Ratio Lower Upper
91 100
92 63.7 48.3 72.5

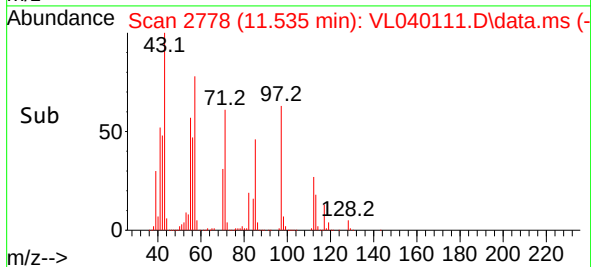
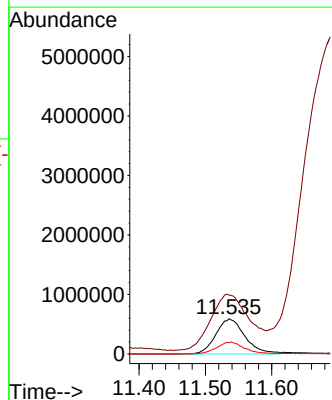
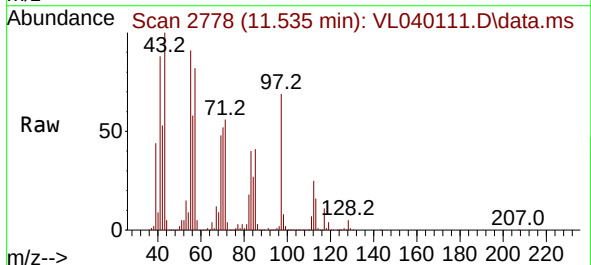
Manual Integrations
APPROVED

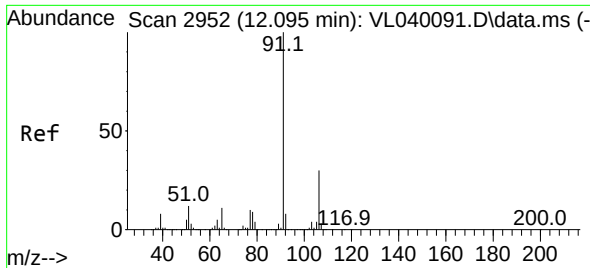
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.535 min Scan# 2778
Delta R.T. 0.061 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Tgt Ion:117 Resp: 1795276
Ion Ratio Lower Upper
117 100
82 209.5 54.4 81.6#
119 34.4 26.8 40.2





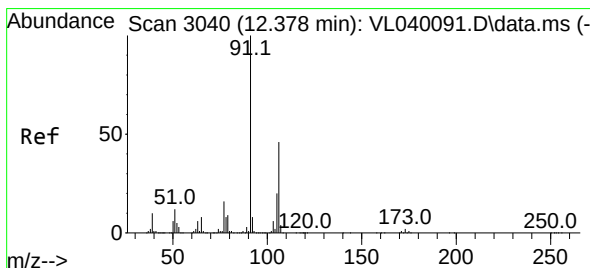
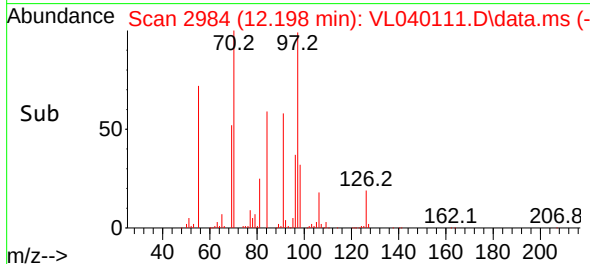
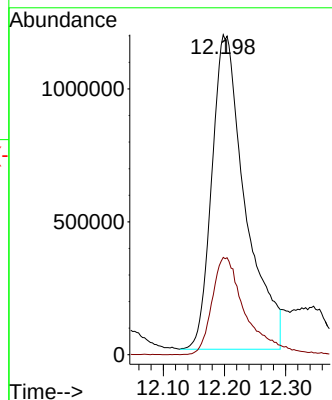
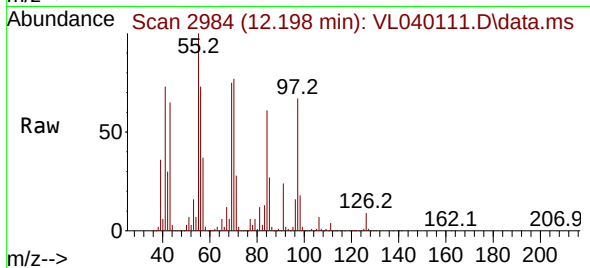
#58
Ethyl Benzene
Concen: 22.437 ppbv
RT: 12.198 min Scan# 2952
Delta R.T. 0.103 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 91 Resp: 449516
Ion Ratio Lower Upper
91 100
106 30.9 23.7 35.5

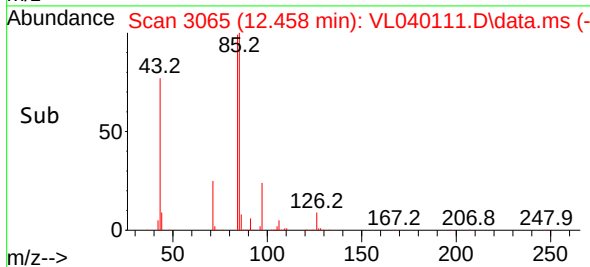
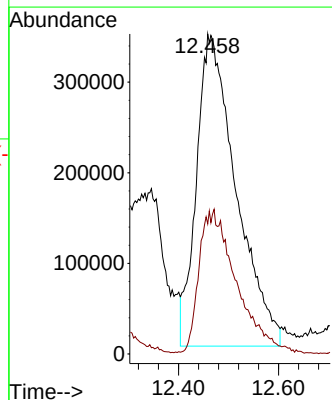
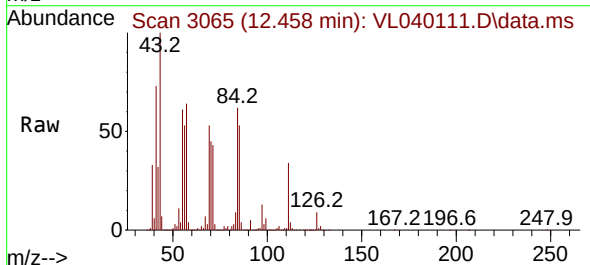
Manual Integrations
APPROVED

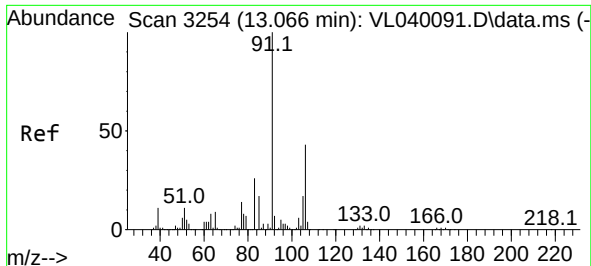
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#59
m/p-Xylene
Concen: 10.521 ppbv m
RT: 12.458 min Scan# 3065
Delta R.T. 0.080 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

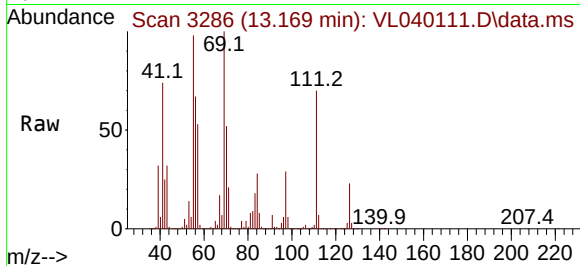
Tgt Ion: 91 Resp: 1895128
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.4#





#60
o-Xylene
Concen: 5.772 ppbv m
RT: 13.169 min Scan# 3286
Delta R.T. 0.103 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

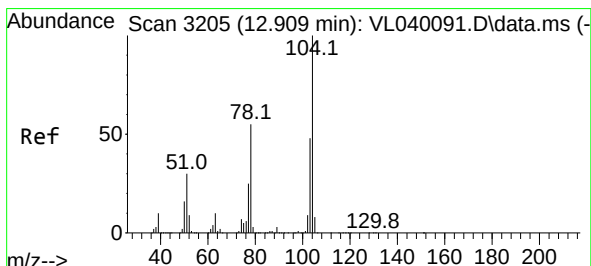
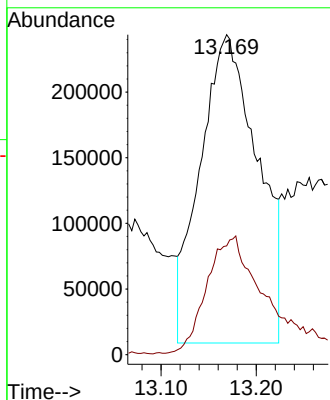
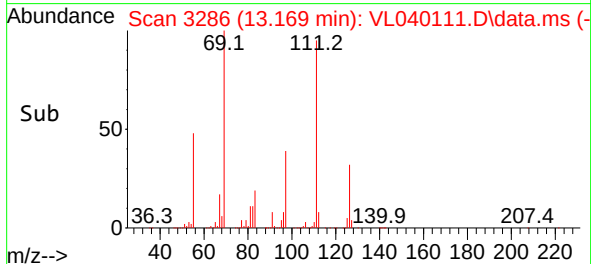
Instrument :
MSVOA_L
ClientSampleId :
VP-1



Tgt Ion: 91 Resp: 98696
Ion Ratio Lower Upper
91 100
106 41.0 21.6 64.8

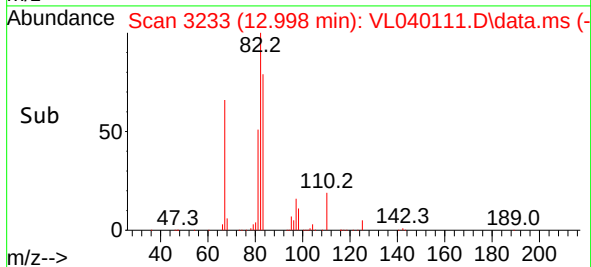
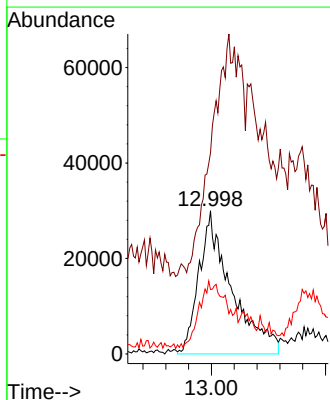
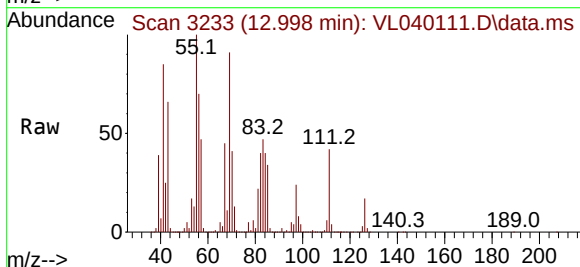
Manual Integrations
APPROVED

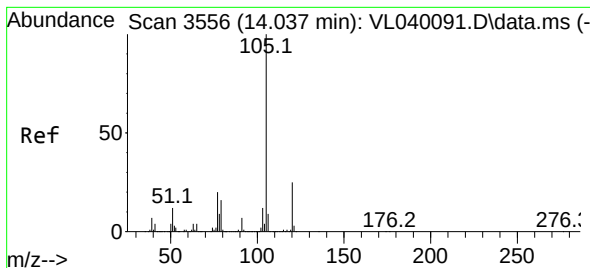
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#61
Styrene
Concen: 1.332 ppbv m
RT: 12.998 min Scan# 3233
Delta R.T. 0.090 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

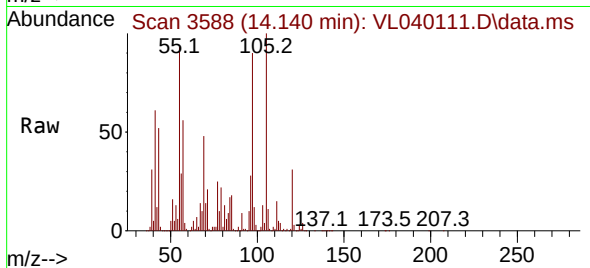
Tgt Ion:104 Resp: 118672
Ion Ratio Lower Upper
104 100
78 0.0 44.0 66.0#
103 0.0 37.8 56.6#





#62
Isopropylbenzene
Concen: 100.758 ppbv
RT: 14.140 min Scan# 3556
Delta R.T. 0.103 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

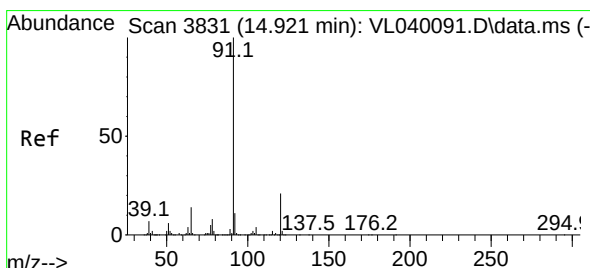
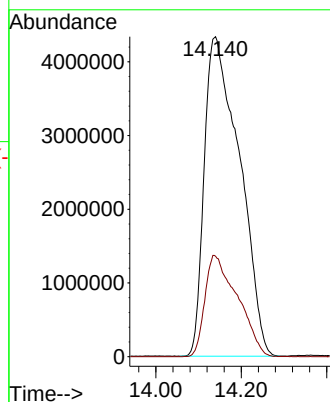
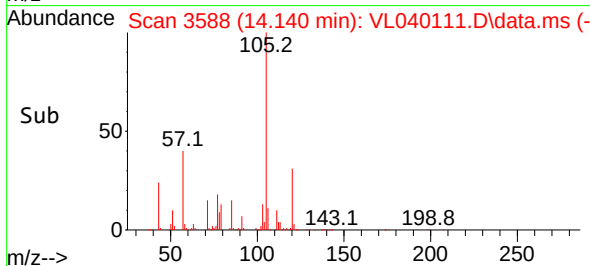
Instrument :
MSVOA_L
ClientSampleId :
VP-1



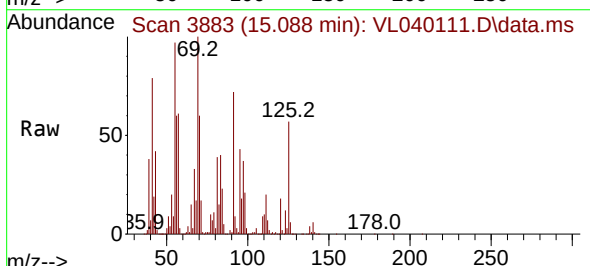
Tgt Ion:105 Resp:24780092
Ion Ratio Lower Upper
105 100
120 29.4 20.2 30.2

Manual Integrations
APPROVED

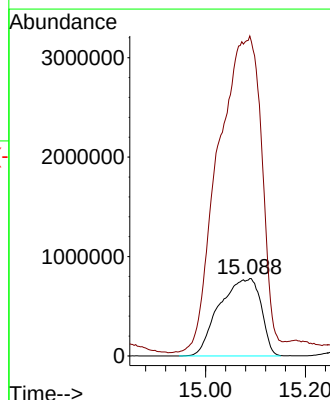
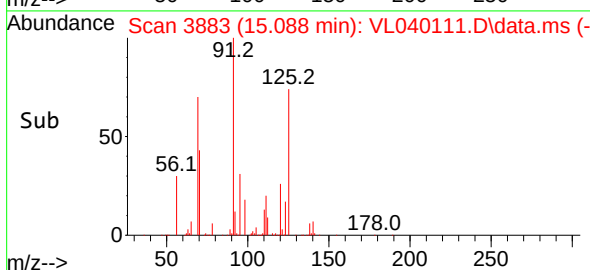
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

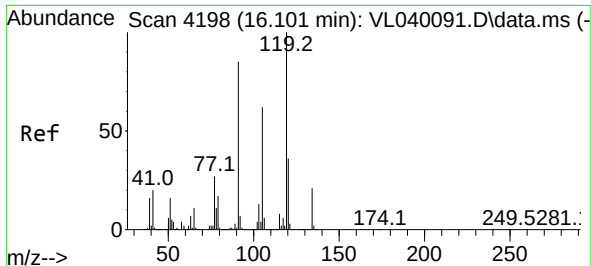


#64
n-propylbenzene
Concen: 73.784 ppbv m
RT: 15.088 min Scan# 3883
Delta R.T. 0.167 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43



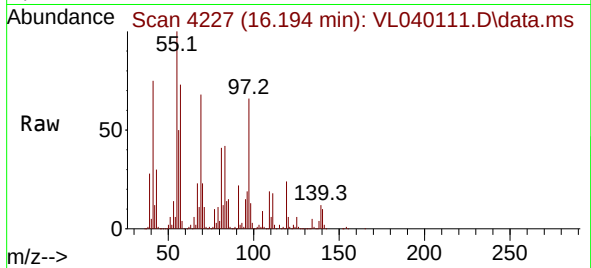
Tgt Ion:120 Resp: 4510853
Ion Ratio Lower Upper
120 100
91 0.0 397.0 595.4#





#65
tert-Butylbenzene
Concen: 7.317 ppbv m
RT: 16.194 min Scan# 4198
Delta R.T. 0.093 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

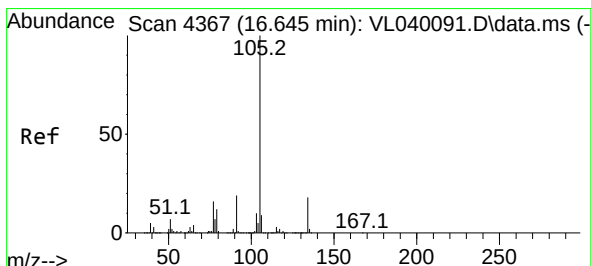
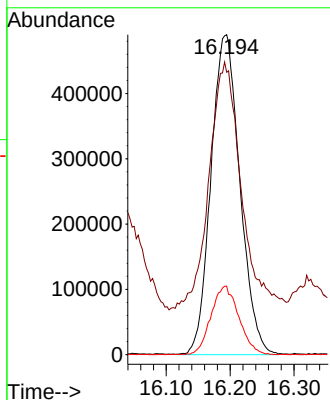
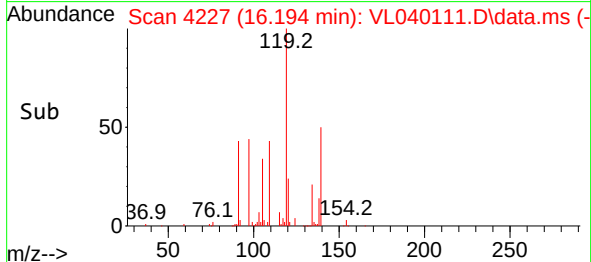
Instrument :
MSVOA_L
ClientSampleId :
VP-1



Tgt Ion:119 Resp: 1540712
Ion Ratio Lower Upper
119 100
91 0.0 69.5 104.3
134 0.0 15.8 23.8

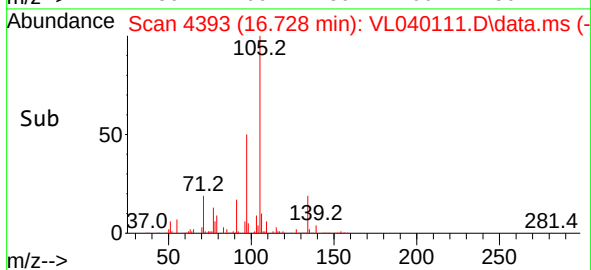
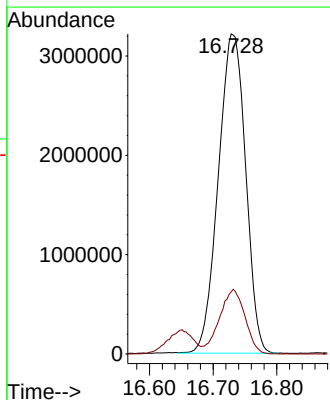
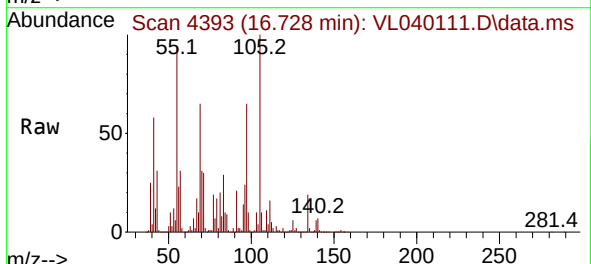
Manual Integrations
APPROVED

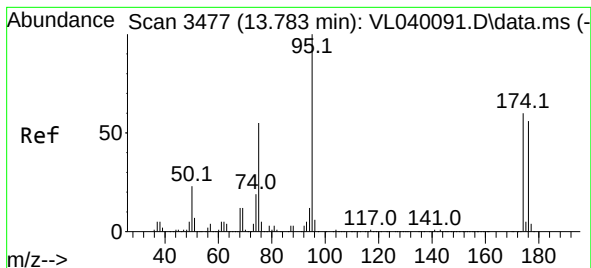
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#67
sec-Butylbenzene
Concen: 32.113 ppbv
RT: 16.728 min Scan# 4393
Delta R.T. 0.083 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Tgt Ion:105 Resp: 9585924
Ion Ratio Lower Upper
105 100
134 19.0 14.1 21.1





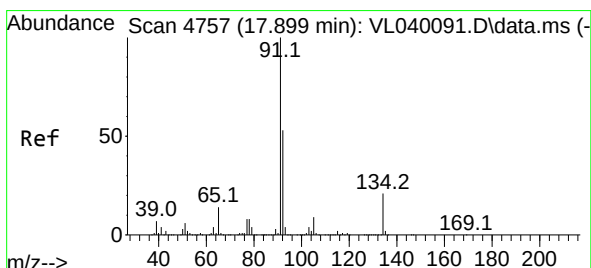
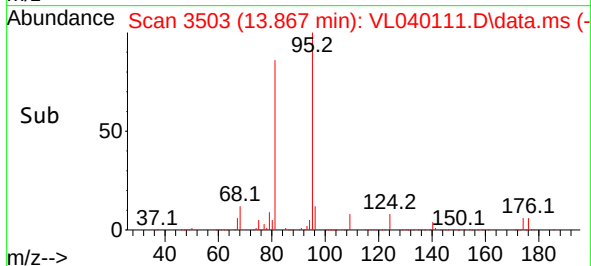
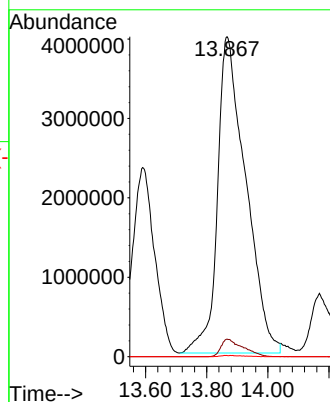
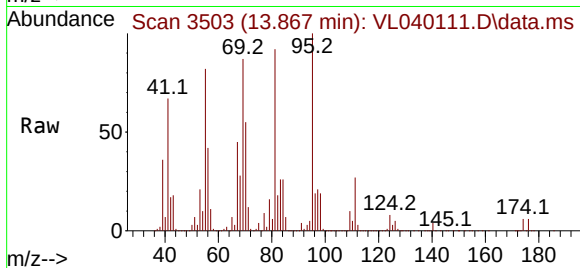
#68
1-Bromo-4-Fluorobenzene
Concen: 171.874 ppbv
RT: 13.867 min Scan# 3503
Delta R.T. 0.083 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 95 Resp: 2564466
Ion Ratio Lower Upper
95 100
174 4.3 47.7 71.5
175 0.3 3.4 5.2

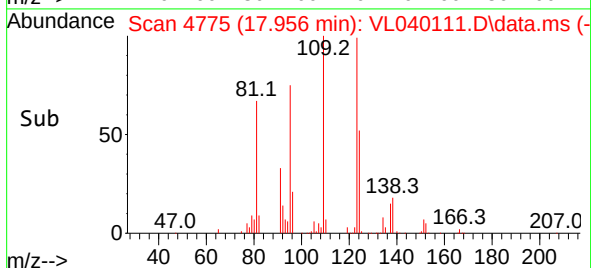
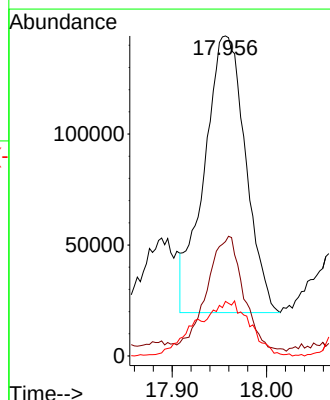
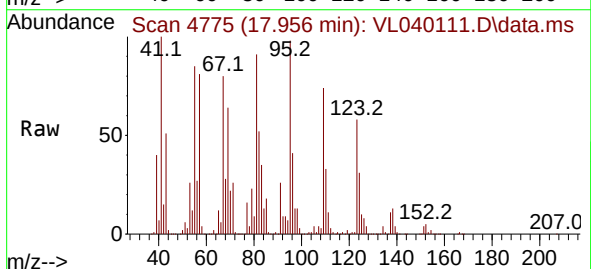
Manual Integrations
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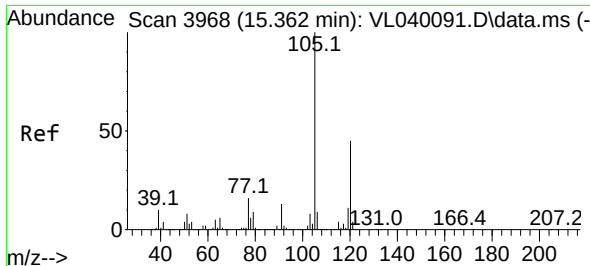
Reviewed By : Semsettin Yesilyurt 01/20/2023
Supervised By : Mahesh Dadoda 01/20/2023



#70
n-Butylbenzene
Concen: 1.498 ppbv
RT: 17.956 min Scan# 4775
Delta R.T. 0.058 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

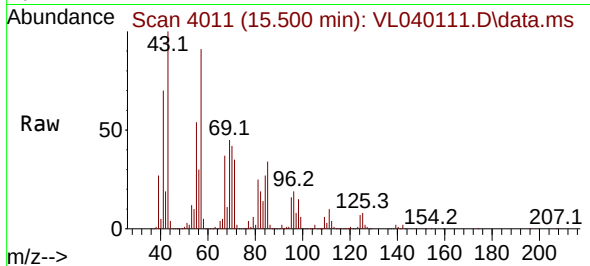
Tgt Ion: 91 Resp: 378819
Ion Ratio Lower Upper
91 100
92 39.6 42.8 64.2#
134 25.9 16.9 25.3#





#73
1,3,5-Trimethylbenzene
Concen: 1.068 ppbv m
RT: 15.500 min Scan# 4011
Delta R.T. 0.138 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

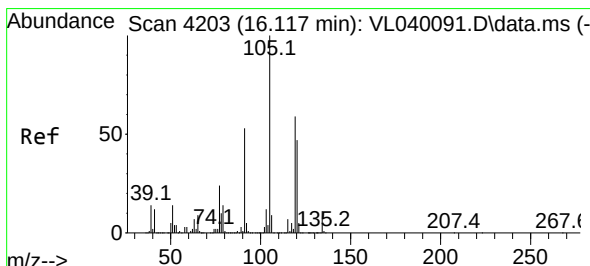
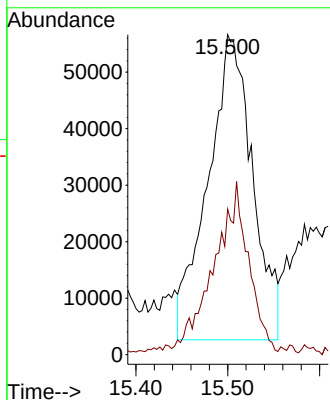
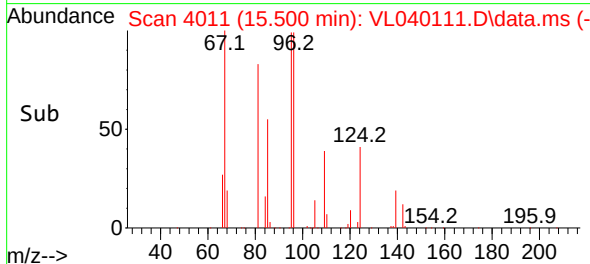
Instrument :
MSVOA_L
ClientSampleId :
VP-1



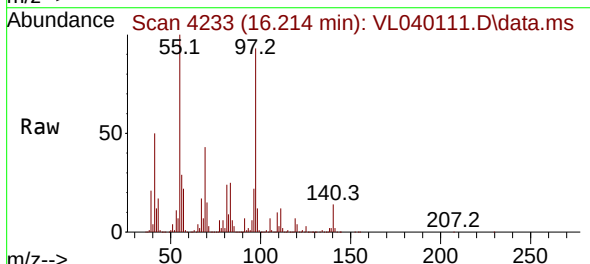
Tgt Ion:105 Resp: 182470
Ion Ratio Lower Upper
105 100
120 45.5 36.2 54.4

Manual Integrations
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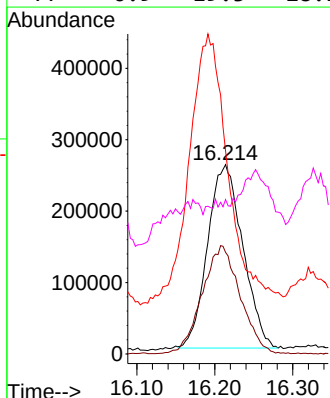
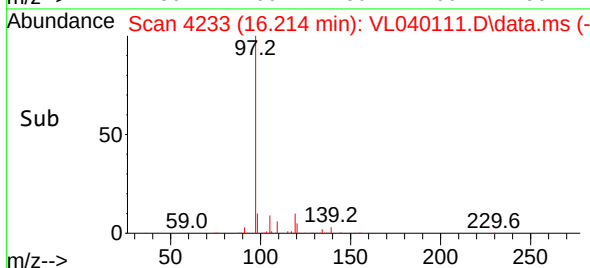
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

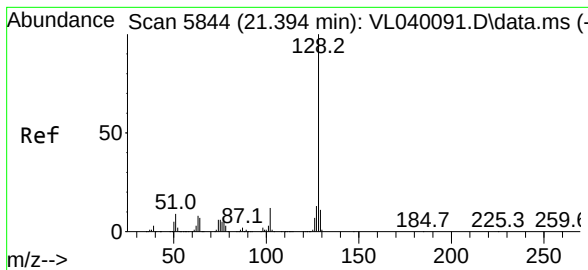


#74
1,2,4-Trimethylbenzene
Concen: 4.260 ppbv
RT: 16.214 min Scan# 4233
Delta R.T. 0.096 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43



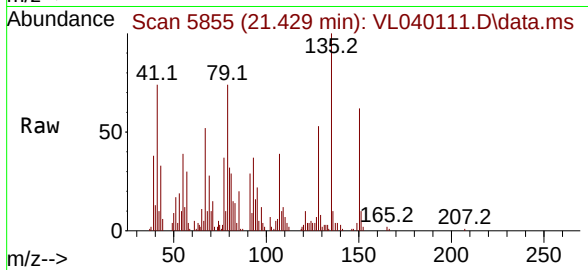
Tgt Ion:105 Resp: 806075
Ion Ratio Lower Upper
105 100
120 54.5 38.0 57.0
91 77.1 42.1 63.1#
77 6.9 19.3 28.9#





#79
Naphthalene
Concen: 0.227 ppbv m
RT: 21.429 min Scan# 5855
Delta R.T. 0.035 min
Lab File: VL040111.D
Acq: 19 Jan 2023 13:43

Instrument :
MSVOA_L
ClientSampleId :
VP-1



Tgt Ion:	128	Resp:	2458
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	15.1	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

