

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040821.D
 Acq On : 8 Nov 2023 21:54
 Operator : SY/MD
 Sample : 05276-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SH-IA-3

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/11/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 09 00:34:01 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

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

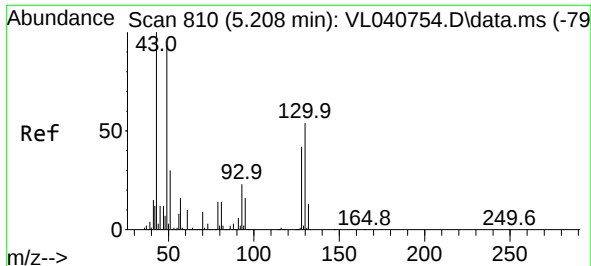
QLast Update : Thu Nov 09 00:25:02 2023

Response via : Initial Calibration

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

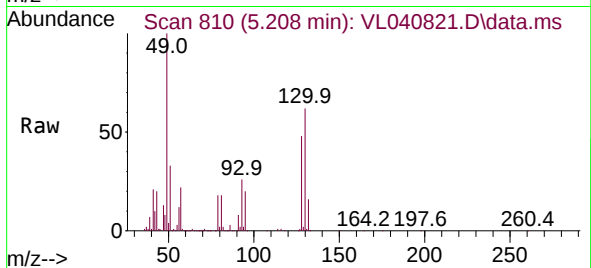
Internal Standards						
1) Bromochloromethane	5.208	49	1061153	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2652200	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.461	117	2217592	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1649024	10.106	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.771	85	100813	0.539	ppbv	100
3) Chlorodifluoromethane	2.716	51	62114m	0.398	ppbv	
4) Chloromethane	2.854	50	30597	0.497	ppbv	90
9) Propene	2.748	41	285495m	4.929	ppbv	
10) Heptane	7.584	43	54426	0.374	ppbv	95
11) Trichlorofluoromethane	3.590	101	36180	0.251	ppbv	94
13) Ethanol	3.285	45	6511240	497.969	ppbv	99
15) Acetone	3.494	43	6261789m	57.080	ppbv	
17) tert-Butyl alcohol	3.922	59	916590	8.148	ppbv	99
19) Isopropyl Alcohol	3.619	45	2902834	41.106	ppbv #	44
20) Methylene Chloride	3.960	84	473304	10.358	ppbv	95
26) Hexane	5.227	57	1536455	13.986	ppbv #	42
29) Chloroform	5.291	83	21426	0.135	ppbv	88
30) Cyclohexane	6.610	84	13883m	0.149	ppbv	
34) 2-Butanone	4.806	43	236019	1.966	ppbv	97
35) Carbon Tetrachloride	6.507	117	10422m	0.070	ppbv	
36) Benzene	6.381	78	99444	0.487	ppbv #	95
37) 1,2-Dichloroethane	5.819	62	14341	0.137	ppbv #	96
38) Trichloroethene	7.298	130	3788m	0.042	ppbv	
43) Methyl Methacrylate	7.478	69	62348m	0.763	ppbv	
44) 2,2,4-Trimethylpentane	7.339	57	127099	0.368	ppbv #	69
50) 4-Methyl-2-Pentanone	8.188	43	157558	0.767	ppbv	97
51) 2-Hexanone	9.539	43	105397m	0.674	ppbv	
52) Tetrachloroethene	10.613	164	3190m	0.038	ppbv	
53) Toluene	9.224	91	429652	1.770	ppbv	97
58) Ethyl Benzene	12.085	91	258027	0.924	ppbv	89
59) m/p-Xylene	12.336	91	687694	2.993	ppbv	95
60) o-Xylene	13.047	91	306730	1.401	ppbv	94
61) Styrene	12.889	104	94708	0.781	ppbv	94
62) Isopropylbenzene	14.021	105	323557	0.961	ppbv	95
64) n-propylbenzene	14.902	120	90157m	0.996	ppbv	
67) sec-Butylbenzene	16.632	105	92382m	0.222	ppbv	
69) p-Isopropyltoluene	16.979	119	78698m	0.226	ppbv	
70) n-Butylbenzene	17.876	91	102070m	0.298	ppbv	
72) 4-Ethyltoluene	15.185	105	238094	0.929	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.339	105	323639	1.434	ppbv	95
74) 1,2,4-Trimethylbenzene	16.095	105	1087524	4.409	ppbv #	72

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

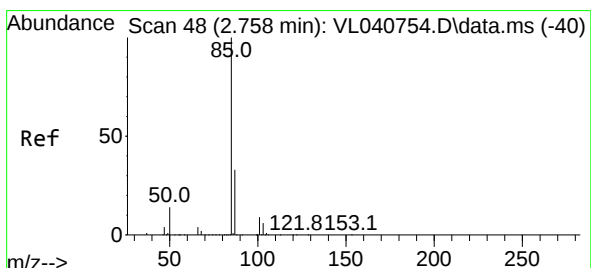
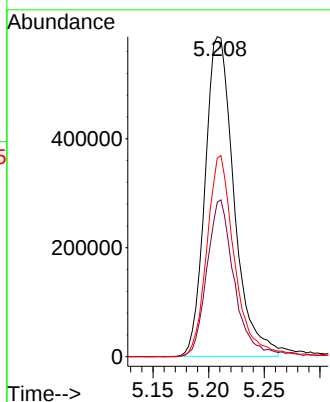
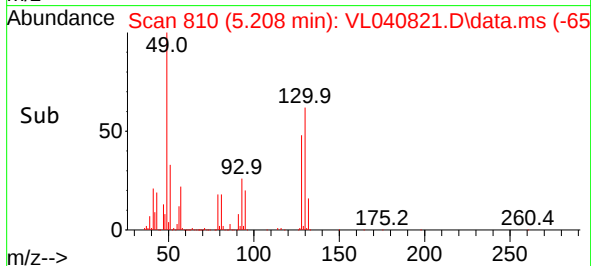
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3



Tgt Ion: 49 Resp: 106115
Ion Ratio Lower Upper
49 100
128 48.0 23.9 71.7
130 61.3 30.7 92.1

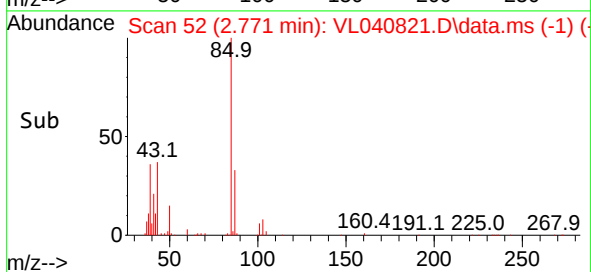
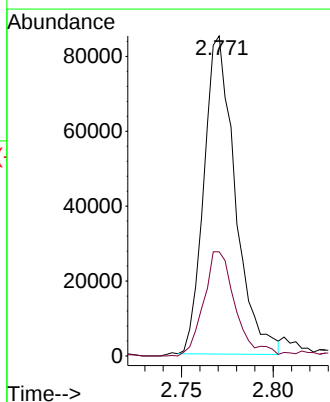
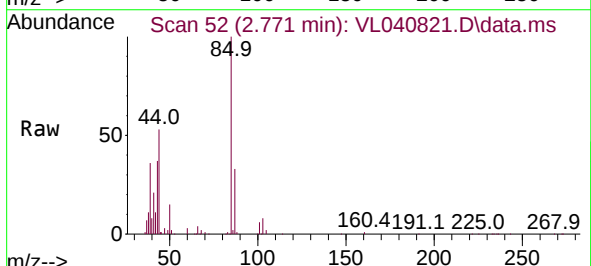
Manual Integrations
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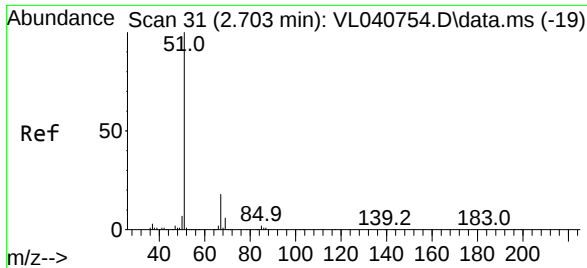
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#2
Dichlorodifluoromethane
Concen: 0.539 ppbv
RT: 2.771 min Scan# 52
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

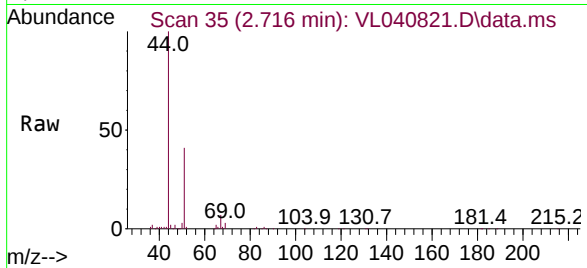
Tgt Ion: 85 Resp: 100813
Ion Ratio Lower Upper
85 100
87 32.6 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.398 ppbv m
RT: 2.716 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

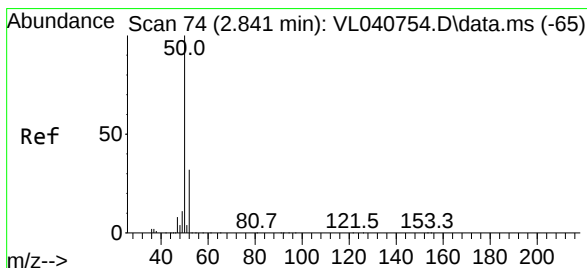
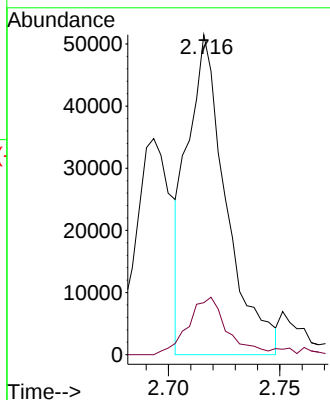
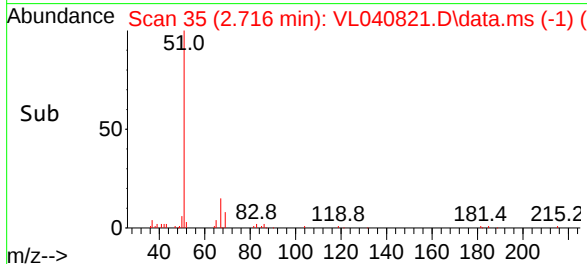
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3



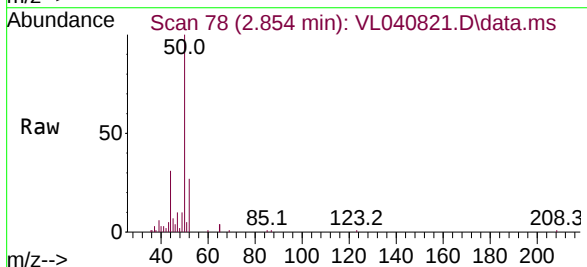
Tgt Ion: 51 Resp: 62114
Ion Ratio Lower Upper
51 100
67 20.7 13.8 20.6

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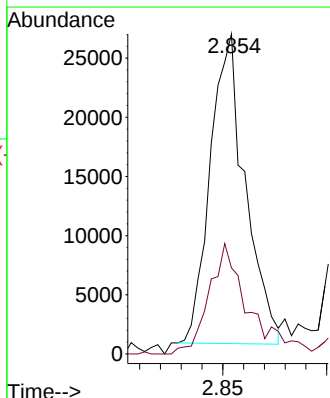
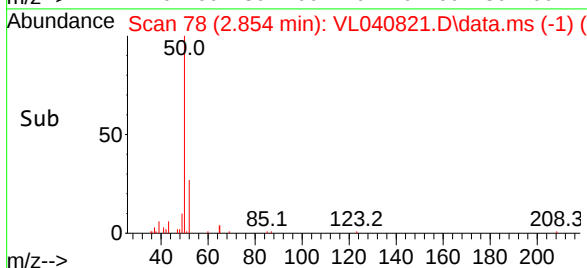
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

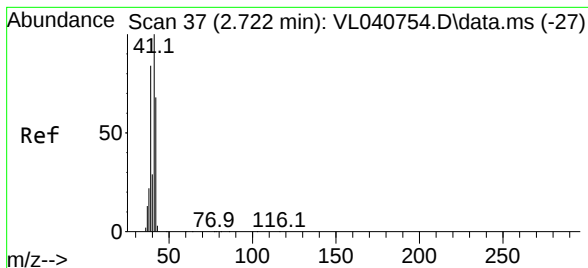


#4
Chloromethane
Concen: 0.497 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54



Tgt Ion: 50 Resp: 30597
Ion Ratio Lower Upper
50 100
52 26.0 25.3 37.9





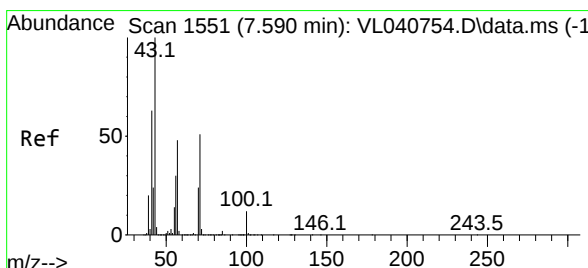
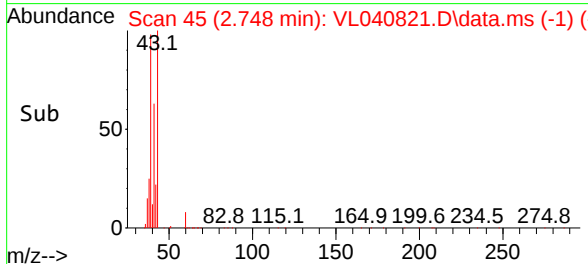
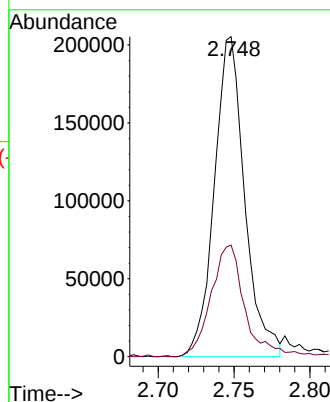
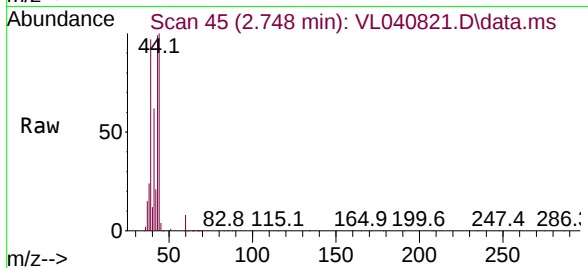
#9
 Propene
 Concen: 4.929 ppbv m
 RT: 2.748 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040821.D
 Acq: 8 Nov 2023 21:54

Instrument :
 MSVOA_L
 ClientSampleId :
 SH-IA-3

Tgt Ion: 41 Resp: 28549
 Ion Ratio Lower Upper
 41 100
 42 203.8 57.1 85.7

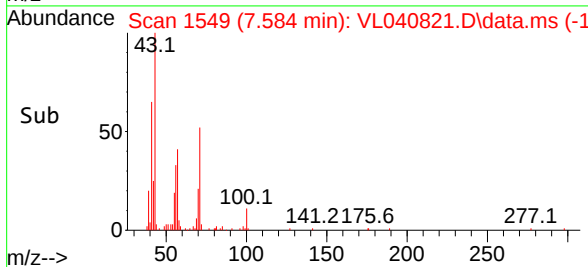
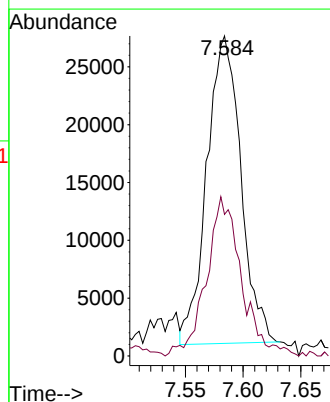
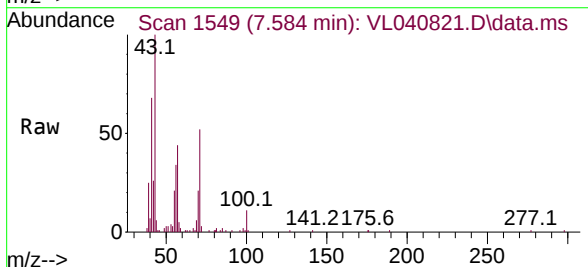
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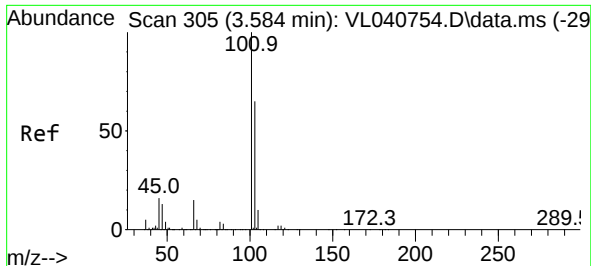
Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#10
 Heptane
 Concen: 0.374 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. -0.003 min
 Lab File: VL040821.D
 Acq: 8 Nov 2023 21:54

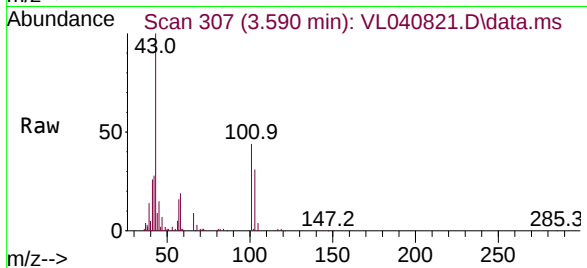
Tgt Ion: 43 Resp: 54426
 Ion Ratio Lower Upper
 43 100
 57 53.6 40.0 60.0





#11
Trichlorofluoromethane
Concen: 0.251 ppbv
RT: 3.590 min Scan# 305
Delta R.T. -0.003 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

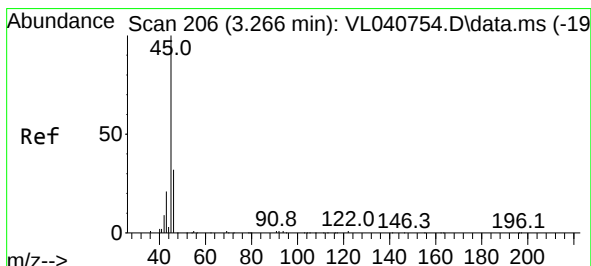
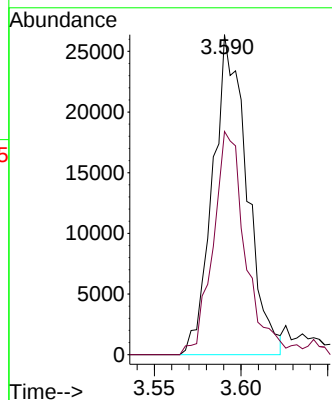
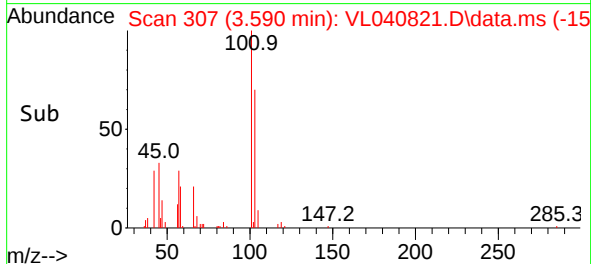
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3



Tgt Ion:101 Resp: 36180
Ion Ratio Lower Upper
101 100
103 69.8 52.2 78.2

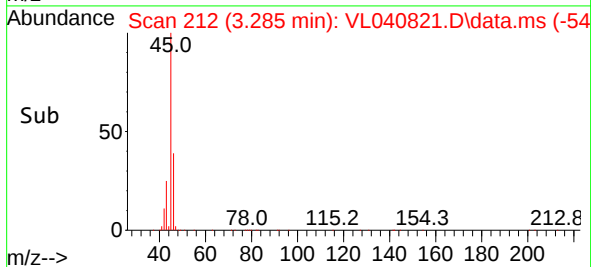
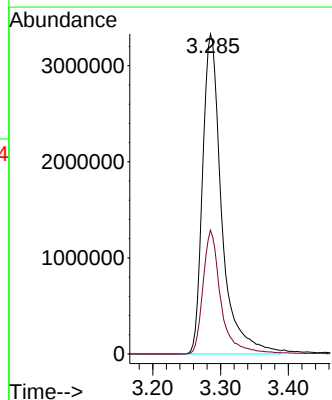
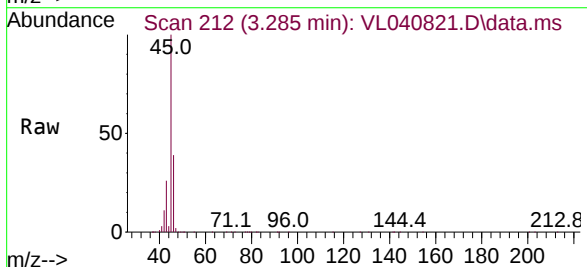
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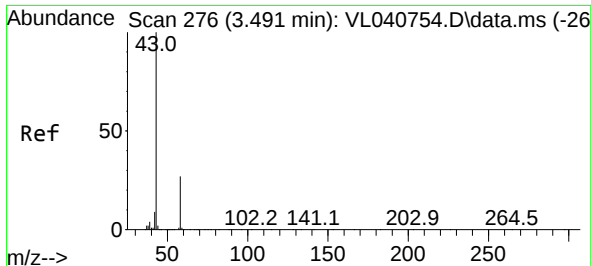
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#13
Ethanol
Concen: 497.969 ppbv
RT: 3.285 min Scan# 212
Delta R.T. 0.006 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

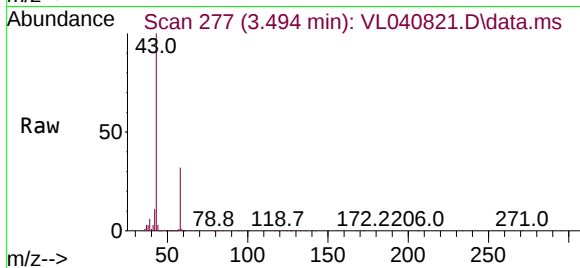
Tgt Ion: 45 Resp: 6511240
Ion Ratio Lower Upper
45 100
46 36.8 14.6 58.2





#15
Acetone
Concen: 57.080 ppbv m
RT: 3.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

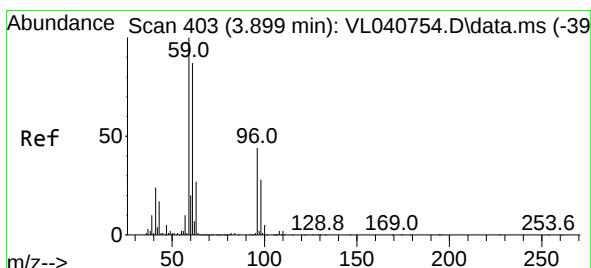
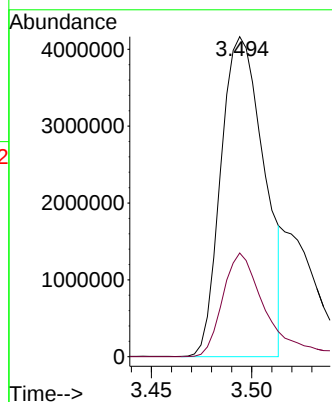
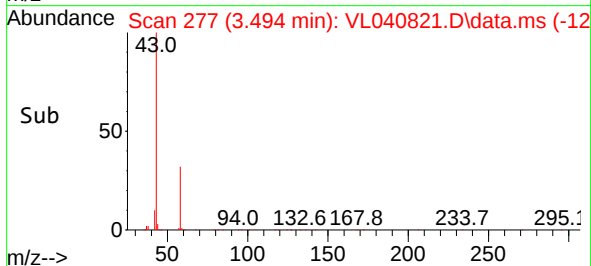
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3



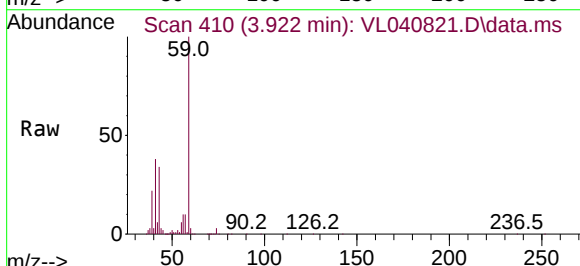
Tgt Ion: 43 Resp: 6261789
Ion Ratio Lower Upper
43 100
58 33.3 21.6 32.4

Manual Integrations
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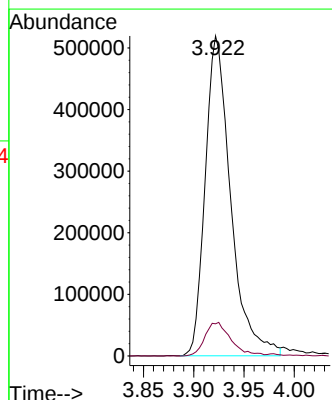
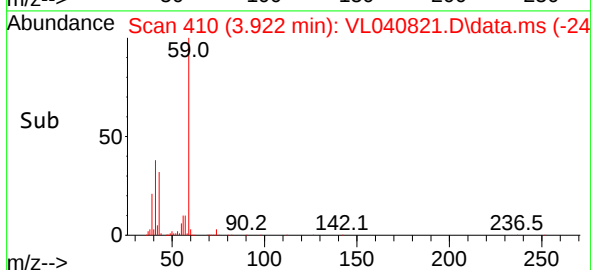
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Supervised By :Mahesh Dadoda 11/13/2023

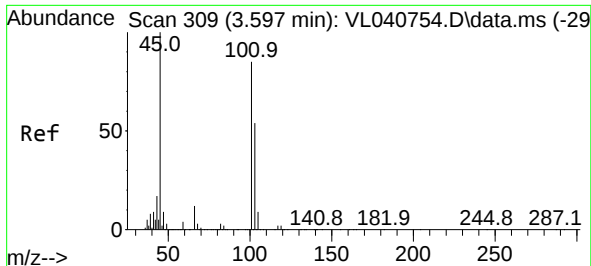


#17
tert-Butyl alcohol
Concen: 8.148 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.016 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54



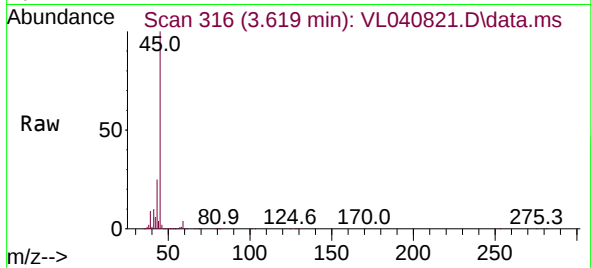
Tgt Ion: 59 Resp: 916590
Ion Ratio Lower Upper
59 100
57 11.3 8.6 13.0





#19
Isopropyl Alcohol
Concen: 41.106 ppbv
RT: 3.619 min Scan# 316
Delta R.T. 0.013 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

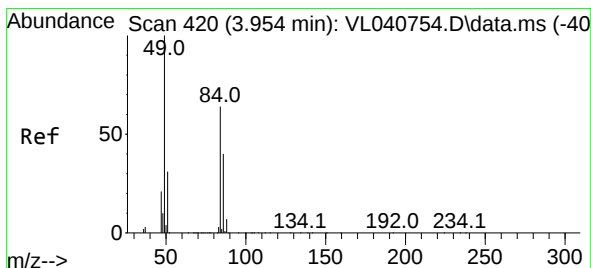
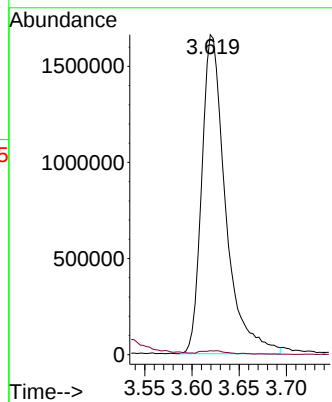
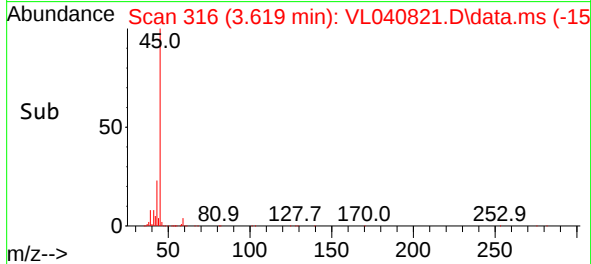
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3



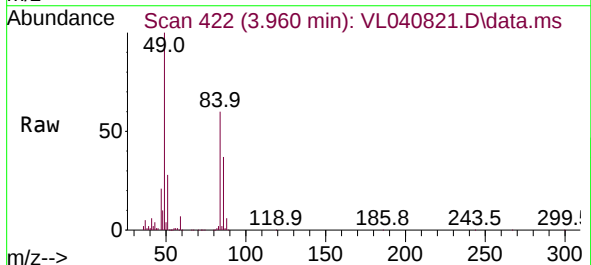
Tgt Ion: 45 Resp: 2902834
Ion Ratio Lower Upper
45 100
58 71.9 30.3 45.5

Manual Integrations
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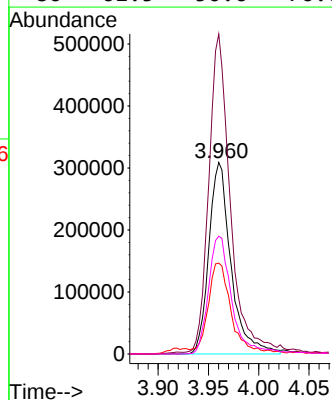
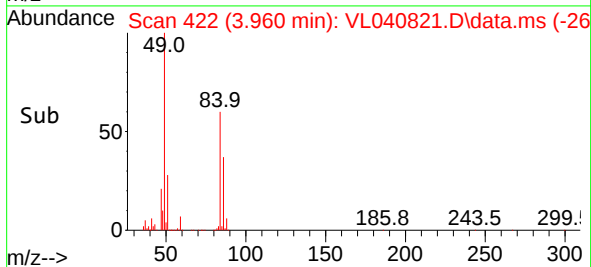
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

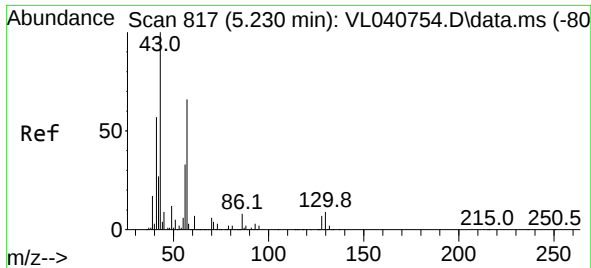


#20
Methylene Chloride
Concen: 10.358 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54



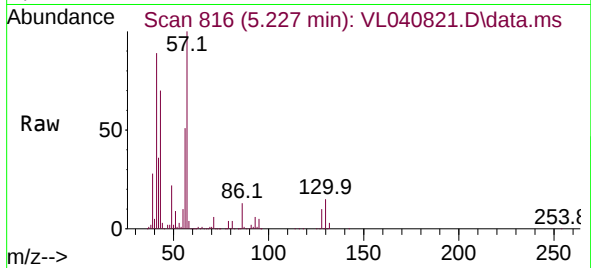
Tgt Ion: 84 Resp: 473304
Ion Ratio Lower Upper
84 100
49 166.2 125.6 188.4
51 46.2 38.9 58.3
86 61.5 50.6 76.0





#26
Hexane
Concen: 13.986 ppbv
RT: 5.227 min Scan# 817
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

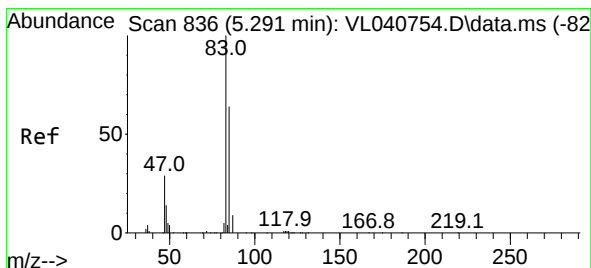
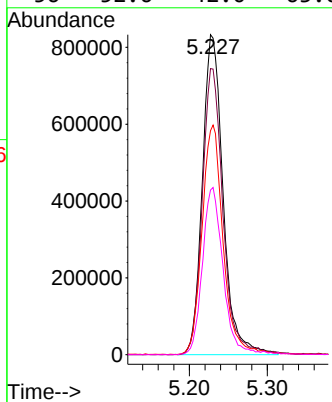
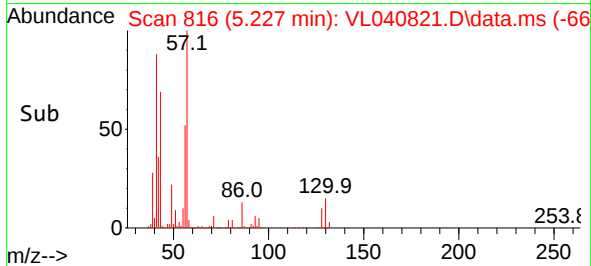
Instrument :
MSVOA_L
Client Sample Id :
SH-IA-3



Tgt Ion: 57 Resp: 153645
Ion Ratio Lower Upper
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43 73.3 182.3 273.5
56 52.6 42.0 63.0

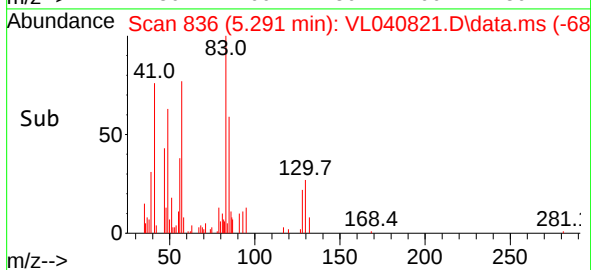
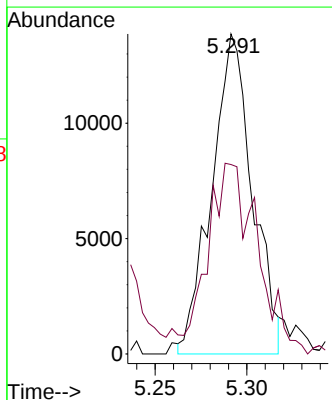
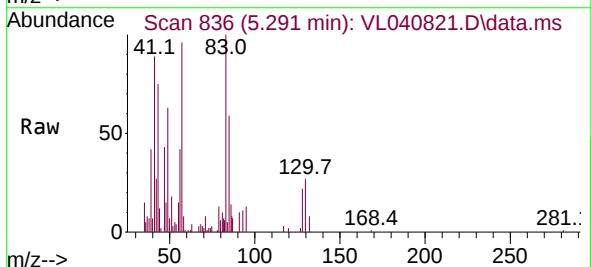
Manual Integrations
APPROVED

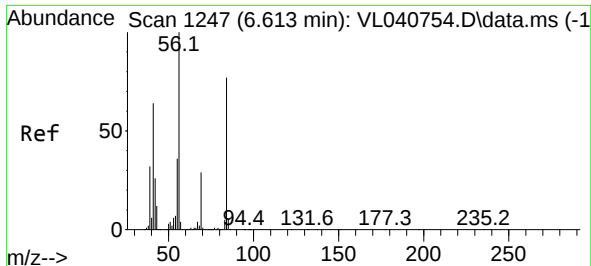
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#29
Chloroform
Concen: 0.135 ppbv
RT: 5.291 min Scan# 836
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

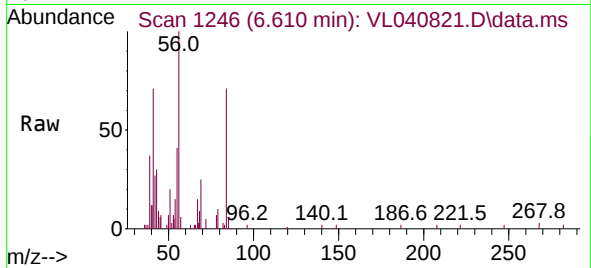
Tgt Ion: 83 Resp: 21426
Ion Ratio Lower Upper
83 100
85 55.0 51.3 76.9





#30
Cyclohexane
Concen: 0.149 ppbv m
RT: 6.610 min Scan# 1246
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

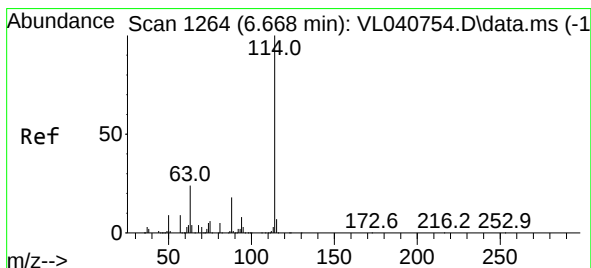
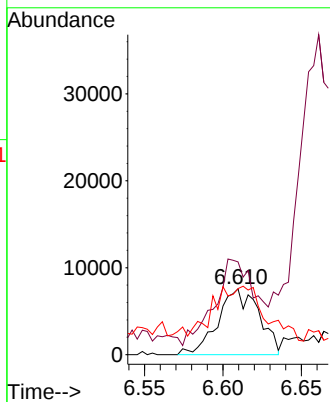
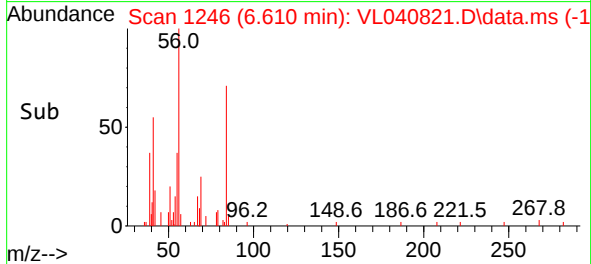
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3



Tgt Ion: 84 Resp: 1388
Ion Ratio Lower Upper
84 100
56 111.1 110.3 165.5
41 0.0 67.4 101.2

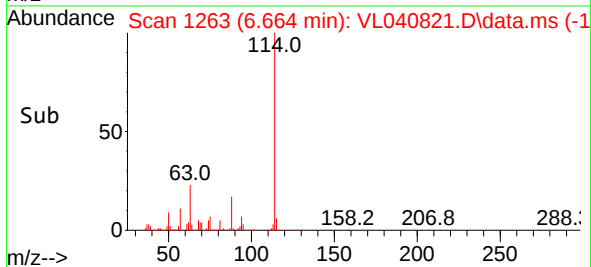
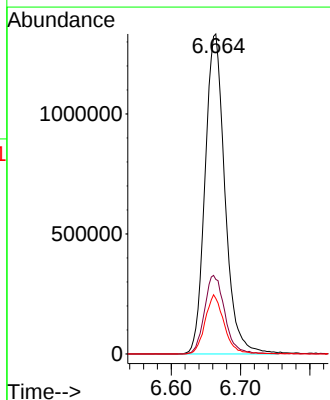
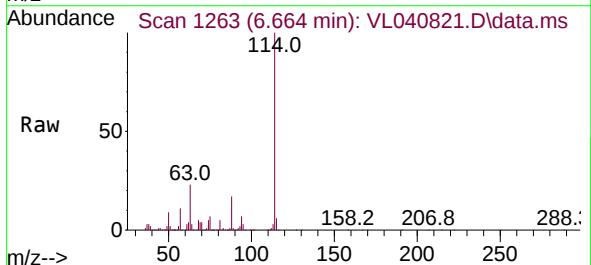
Manual Integrations
APPROVED

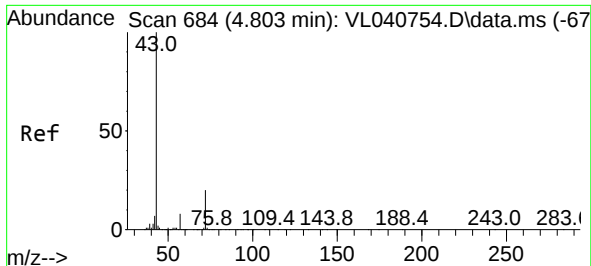
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

Tgt Ion:114 Resp: 2652200
Ion Ratio Lower Upper
114 100
63 25.3 19.8 29.6
88 17.7 14.2 21.2





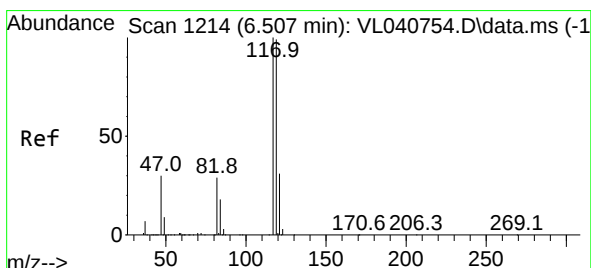
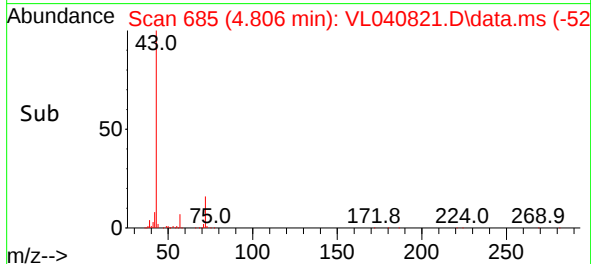
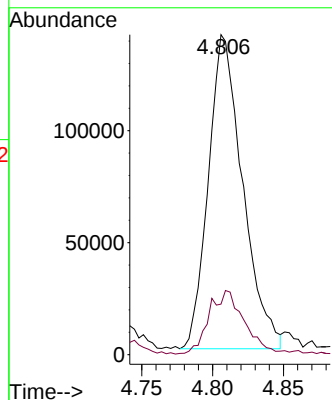
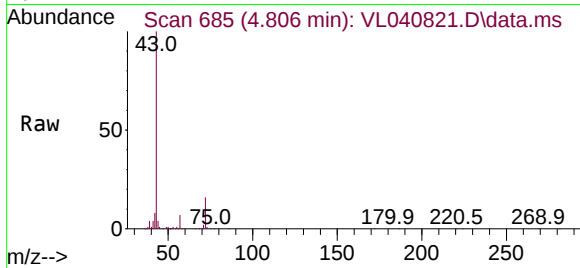
#34
2-Butanone
Concen: 1.966 ppbv
RT: 4.806 min Scan# 684
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3

Tgt Ion: 43 Resp: 236019
Ion Ratio Lower Upper
43 100
72 22.2 16.8 25.2

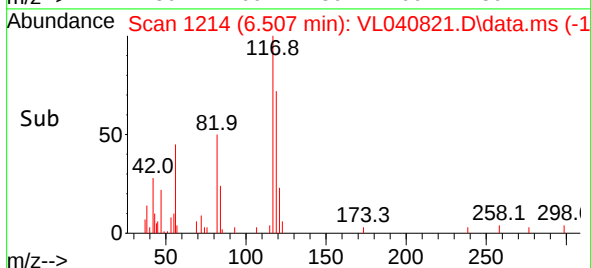
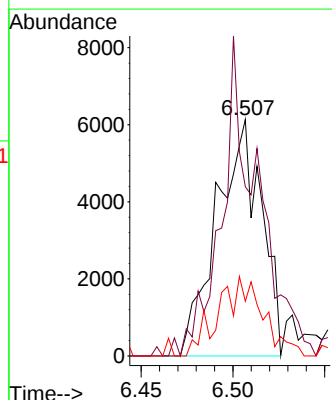
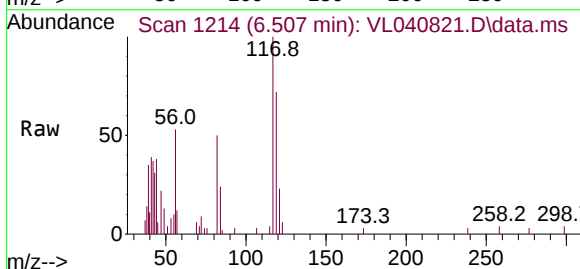
Manual Integrations
APPROVED

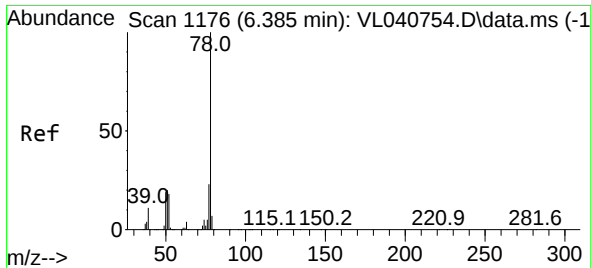
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#35
Carbon Tetrachloride
Concen: 0.070 ppbv m
RT: 6.507 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

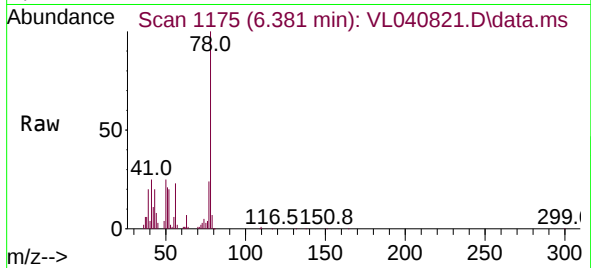
Tgt Ion:117 Resp: 10422
Ion Ratio Lower Upper
117 100
119 71.6 79.4 119.0#
121 23.1 25.0 37.4#





#36
Benzene
Concen: 0.487 ppbv
RT: 6.381 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

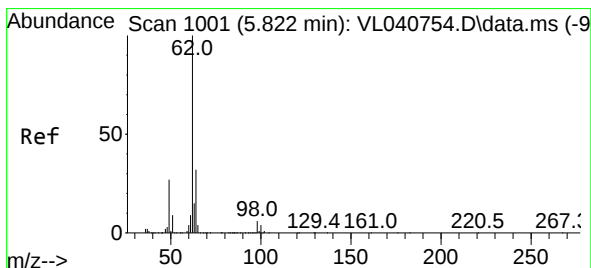
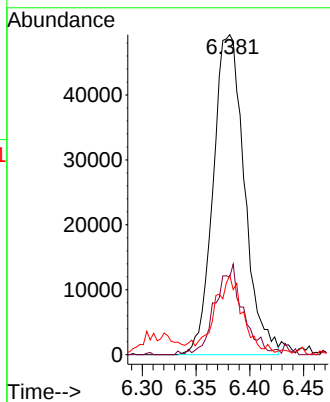
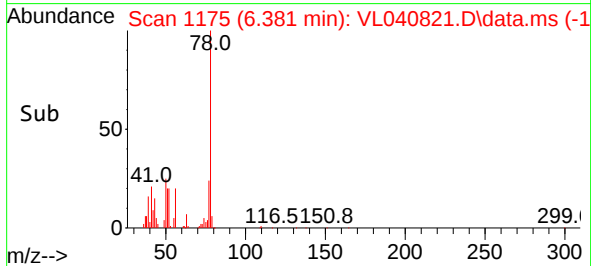
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3



Tgt Ion: 78 Resp: 9944
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6
50 23.7 15.0 22.4

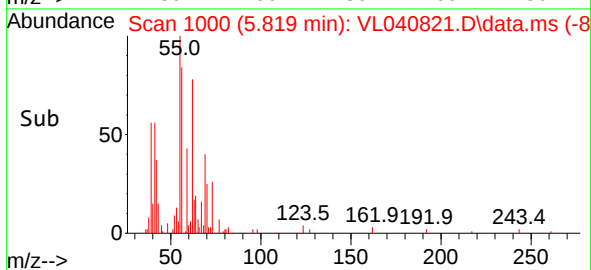
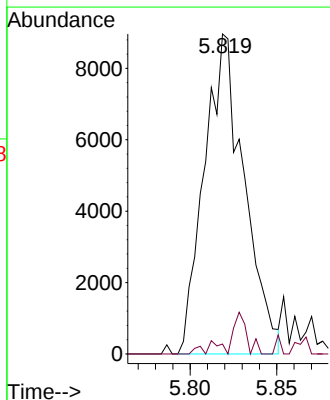
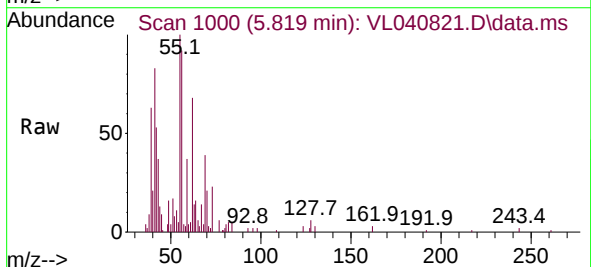
Manual Integrations
APPROVED

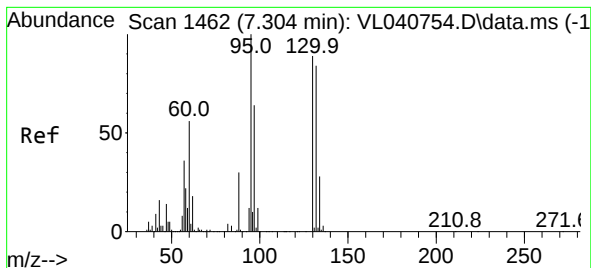
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#37
1,2-Dichloroethane
Concen: 0.137 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. -0.003 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

Tgt Ion: 62 Resp: 14341
Ion Ratio Lower Upper
62 100
98 8.1 5.4 8.0





#38

Trichloroethene

Concen: 0.042 ppbv m

RT: 7.298 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VL040821.D

Acq: 8 Nov 2023 21:54

Instrument :

MSVOA_L

ClientSampleId :

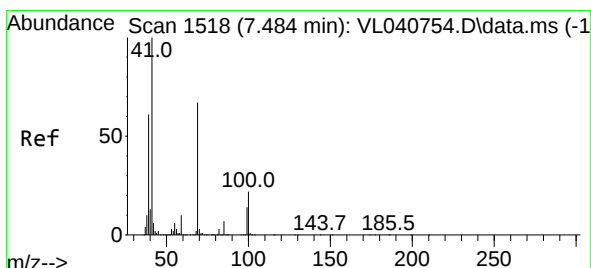
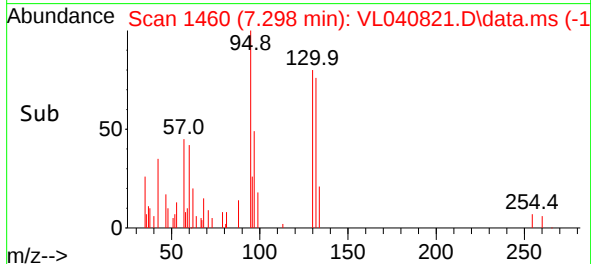
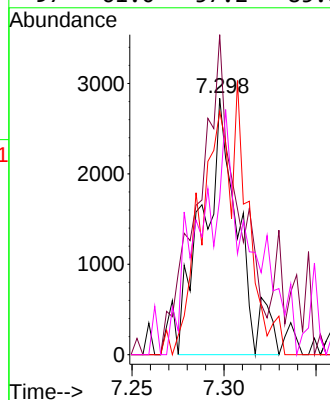
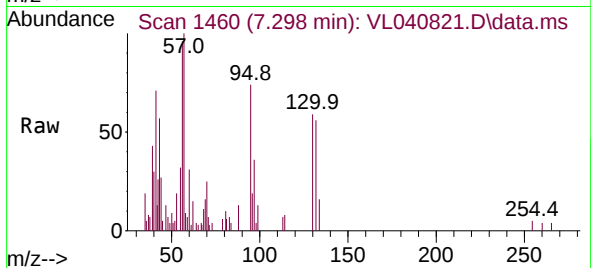
SH-IA-3

Tgt Ion:	130	Resp:	378
Ion	Ratio	Lower	Upper
130	100		
95	124.8	89.4	134.2
132	94.9	74.8	112.2
97	61.0	57.2	85.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#43

Methyl Methacrylate

Concen: 0.763 ppbv m

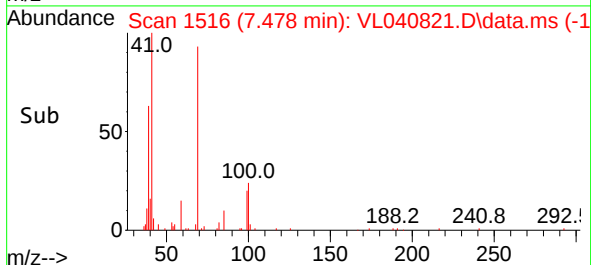
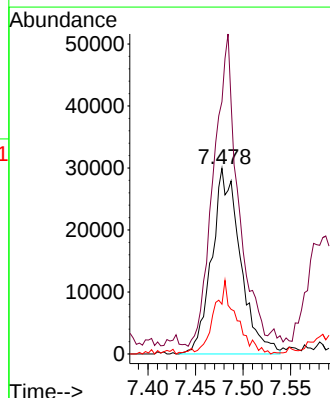
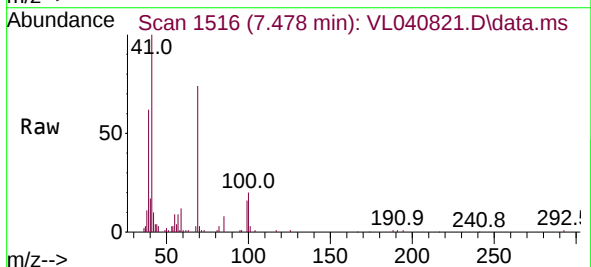
RT: 7.478 min Scan# 1516

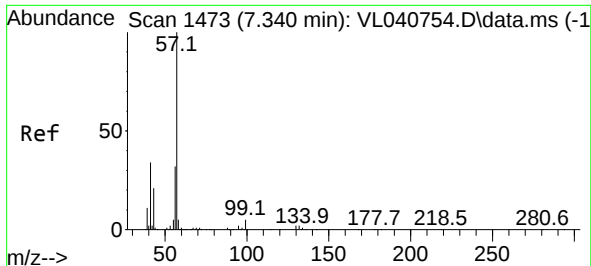
Delta R.T. -0.003 min

Lab File: VL040821.D

Acq: 8 Nov 2023 21:54

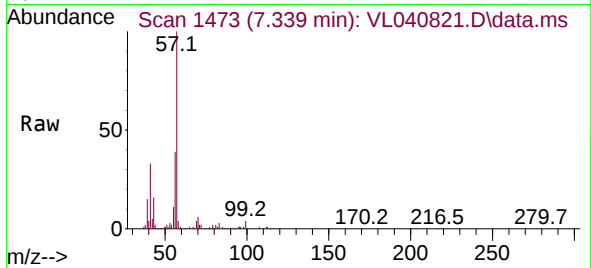
Tgt Ion:	69	Resp:	62348
Ion	Ratio	Lower	Upper
69	100		
41	148.0	120.6	181.0
100	31.1	27.1	40.7





#44
2,2,4-Trimethylpentane
Concen: 0.368 ppbv
RT: 7.339 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

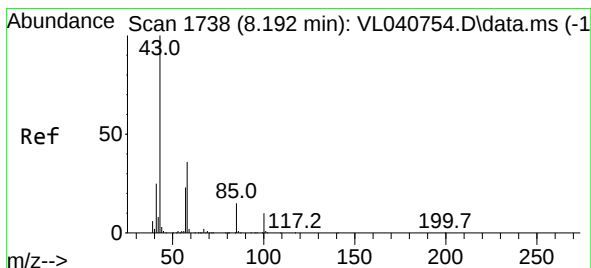
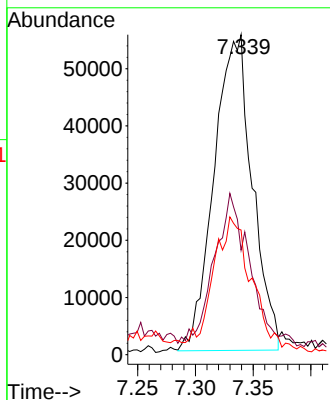
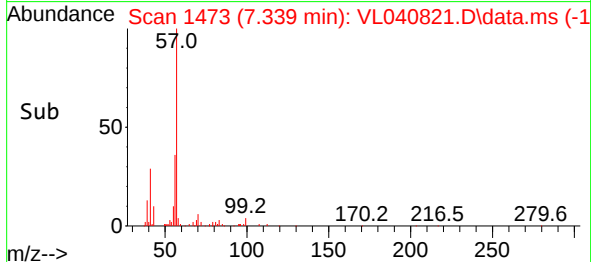
Instrument :
MSVOA_L
Client Sample Id :
SH-IA-3



Tgt Ion: 57 Resp: 127099
Ion Ratio Lower Upper
57 100
41 53.0 27.4 41.0
56 47.5 25.0 37.6

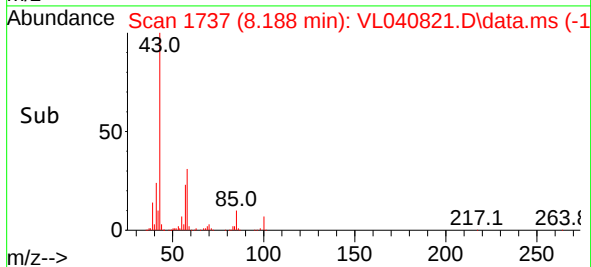
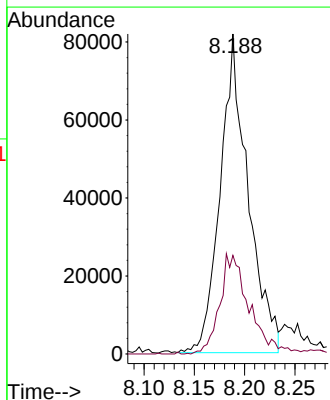
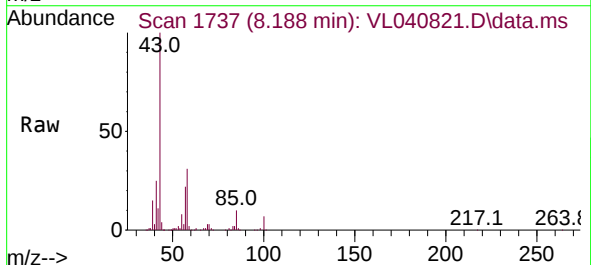
Manual Integrations
APPROVED

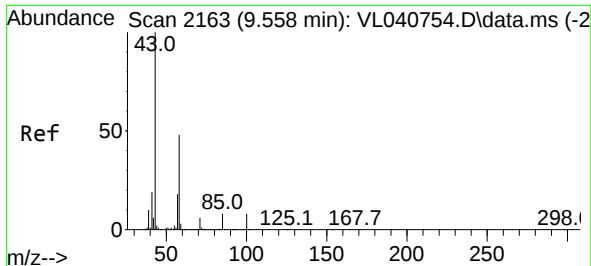
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#50
4-Methyl-2-Pentanone
Concen: 0.767 ppbv
RT: 8.188 min Scan# 1737
Delta R.T. 0.003 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

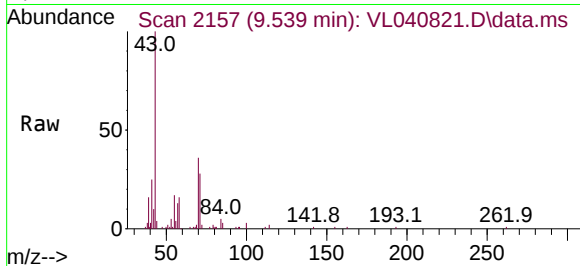
Tgt Ion: 43 Resp: 157558
Ion Ratio Lower Upper
43 100
58 34.3 28.8 43.2





#51
2-Hexanone
Concen: 0.674 ppbv m
RT: 9.539 min Scan# 2163
Delta R.T. -0.010 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

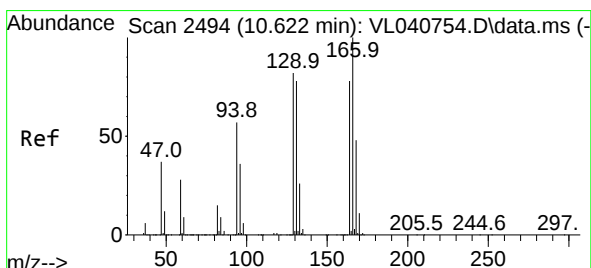
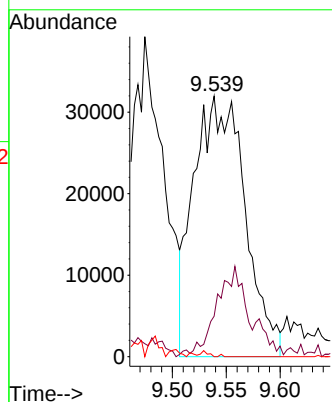
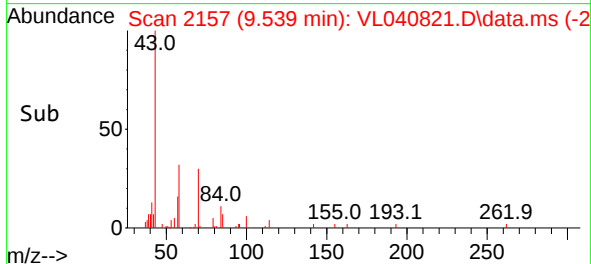
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3



Tgt Ion: 43 Resp: 105397
Ion Ratio Lower Upper
43 100
58 23.2 38.6 58.0
98 0.0 0.0 0.0

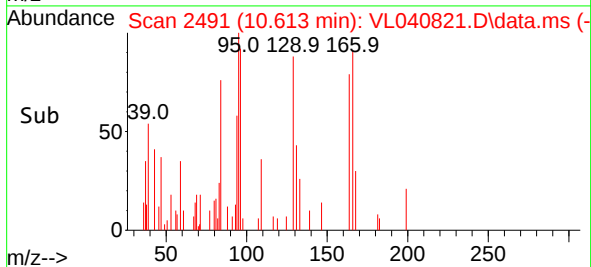
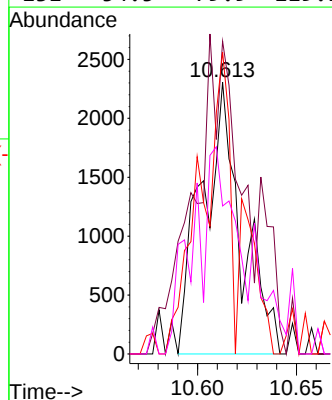
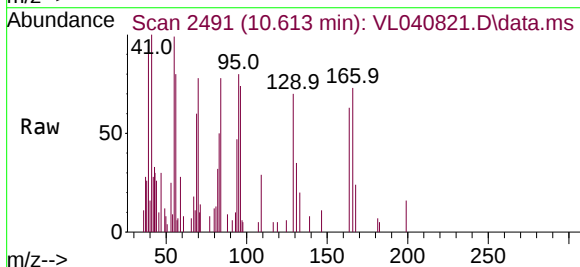
Manual Integrations
APPROVED

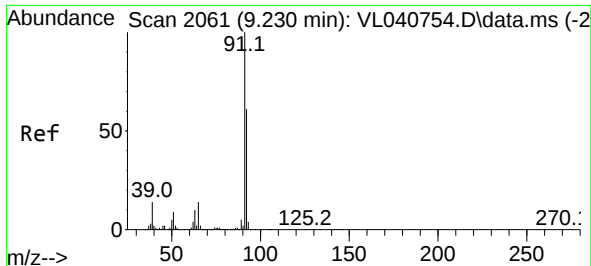
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#52
Tetrachloroethene
Concen: 0.038 ppbv m
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

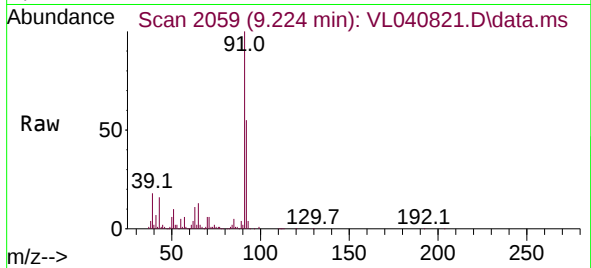
Tgt Ion:164 Resp: 3190
Ion Ratio Lower Upper
164 100
166 115.0 102.4 153.6
129 111.0 84.2 126.4
131 54.5 79.9 119.9#





#53
Toluene
Concen: 1.770 ppbv
RT: 9.224 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

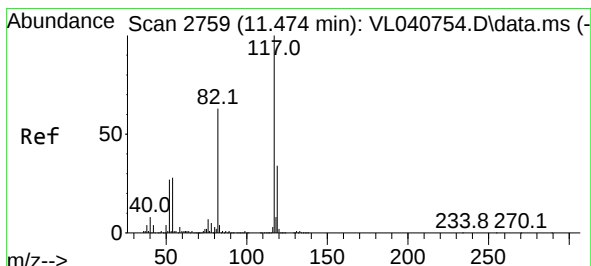
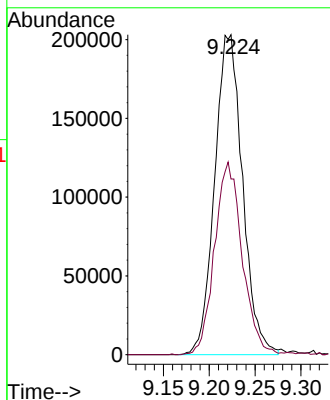
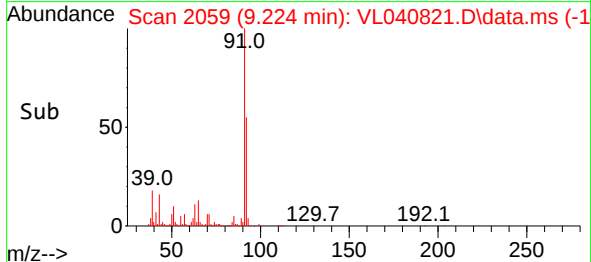
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3



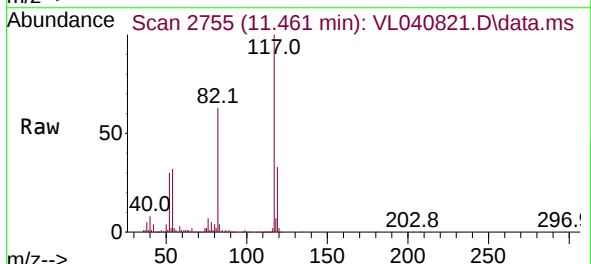
Tgt Ion: 91 Resp: 429652
Ion Ratio Lower Upper
91 100
92 60.1 50.2 75.2

Manual Integrations
APPROVED

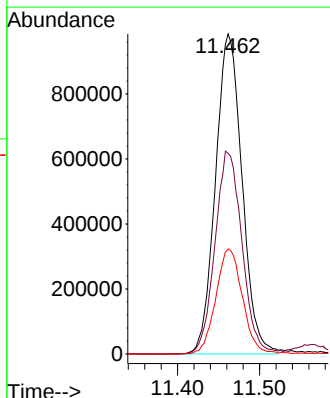
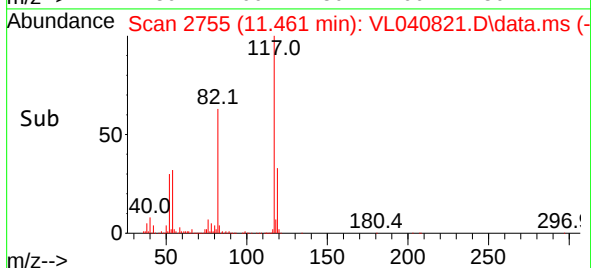
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

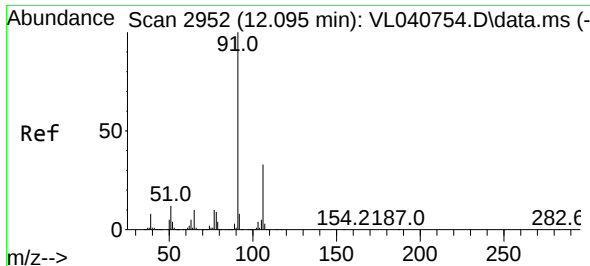


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.461 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54



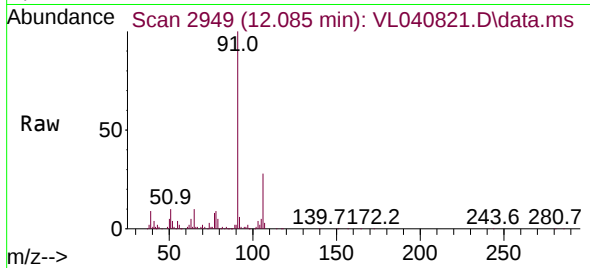
Tgt Ion:117 Resp: 2217592
Ion Ratio Lower Upper
117 100
82 64.4 46.6 70.0
119 33.0 26.0 39.0





#58
Ethyl Benzene
Concen: 0.924 ppbv
RT: 12.085 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

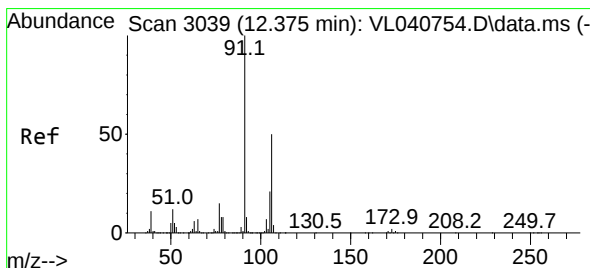
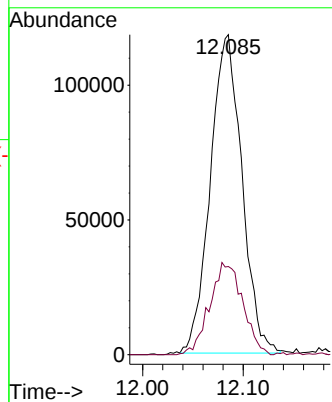
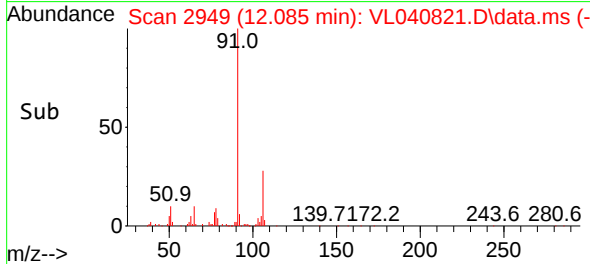
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3



Tgt Ion: 91 Resp: 25802
Ion Ratio Lower Upper
91 100
106 27.4 26.7 40.1

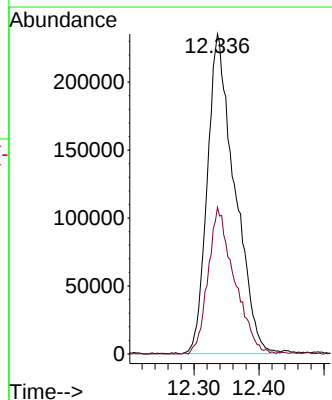
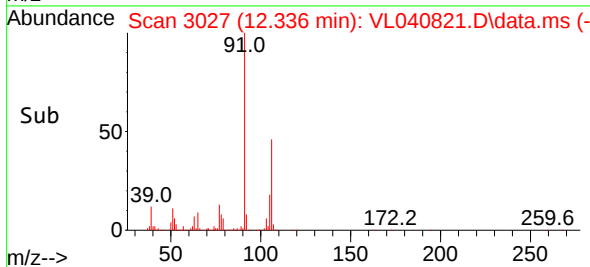
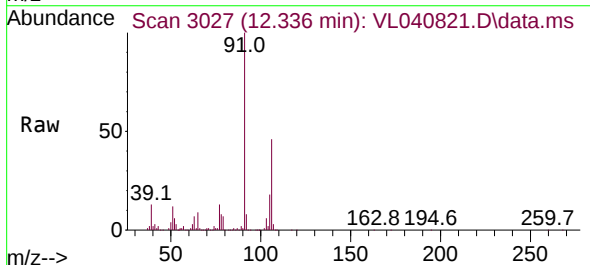
Manual Integrations
APPROVED

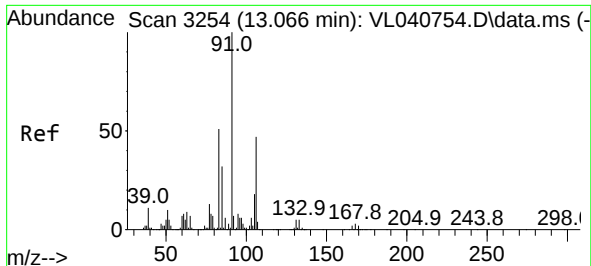
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#59
m/p-Xylene
Concen: 2.993 ppbv
RT: 12.336 min Scan# 3027
Delta R.T. -0.032 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

Tgt Ion: 91 Resp: 687694
Ion Ratio Lower Upper
91 100
106 44.1 37.7 56.5





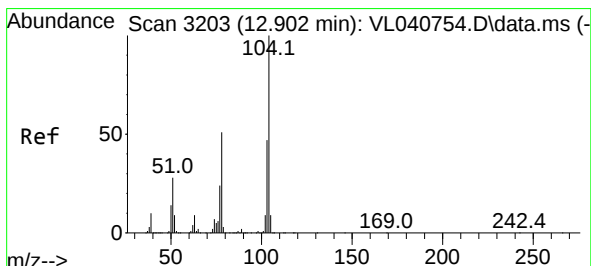
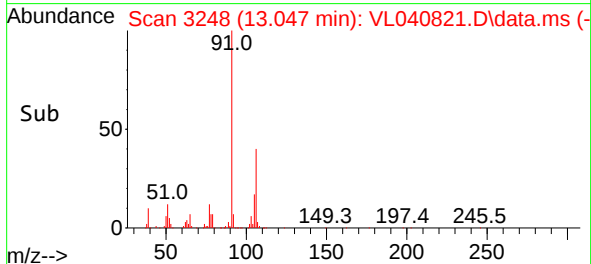
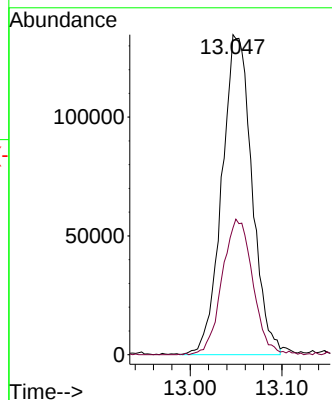
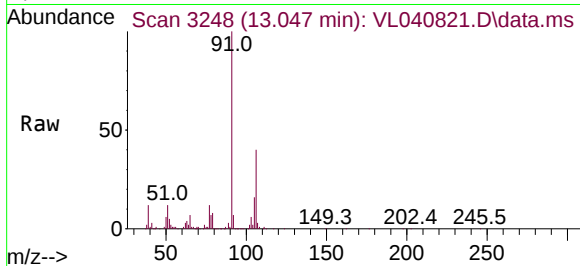
#60
o-Xylene
Concen: 1.401 ppbv
RT: 13.047 min Scan# 3199
Delta R.T. -0.006 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3

Tgt Ion: 91 Resp: 306730
Ion Ratio Lower Upper
91 100
106 43.3 23.5 70.5

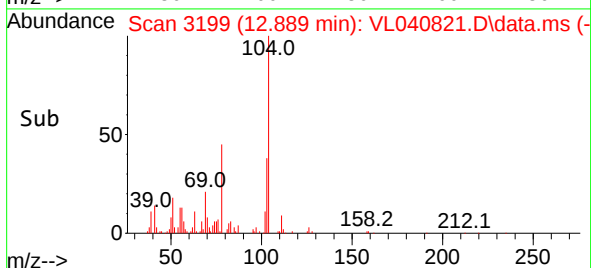
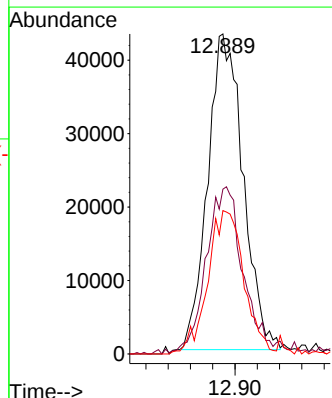
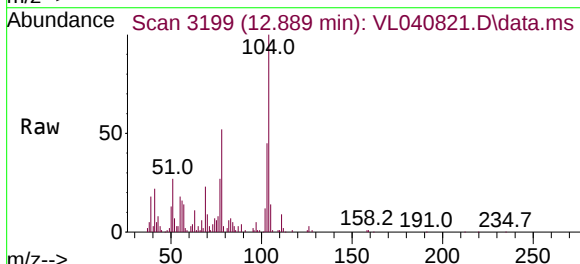
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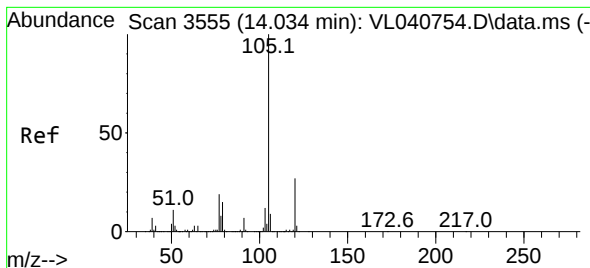
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#61
Styrene
Concen: 0.781 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. -0.003 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

Tgt Ion:104 Resp: 94708
Ion Ratio Lower Upper
104 100
78 57.5 39.8 59.6
103 47.5 37.5 56.3





#62

Isopropylbenzene

Concen: 0.961 ppbv

RT: 14.021 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040821.D

Acq: 8 Nov 2023 21:54

Instrument :

MSVOA_L

ClientSampleId :

SH-IA-3

Tgt Ion:105 Resp: 32355

Ion Ratio Lower Upper

105 100

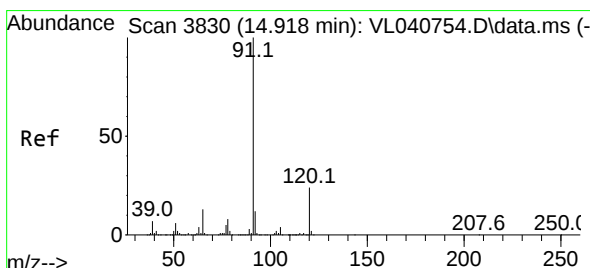
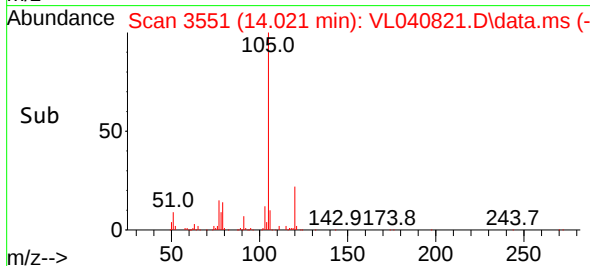
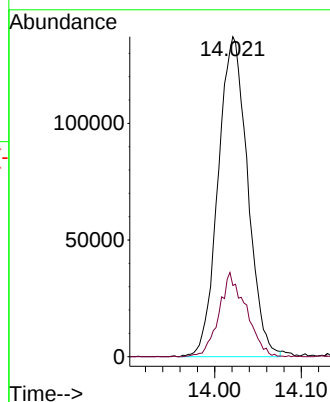
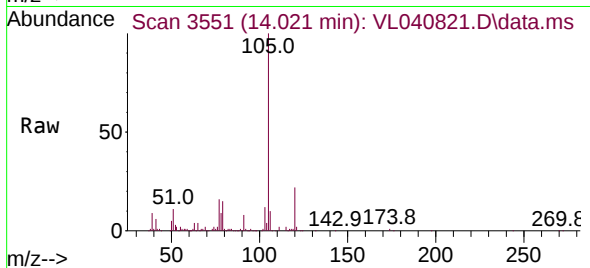
120 24.3 21.5 32.3

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Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#64

n-propylbenzene

Concen: 0.996 ppbv m

RT: 14.902 min Scan# 3825

Delta R.T. -0.006 min

Lab File: VL040821.D

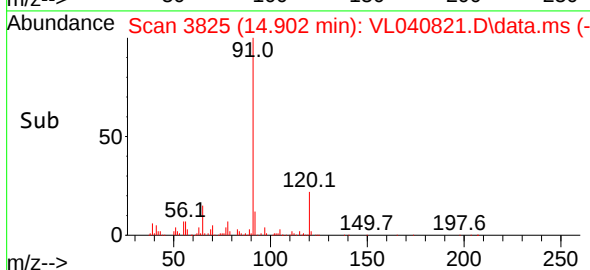
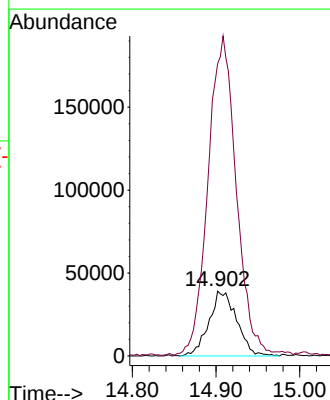
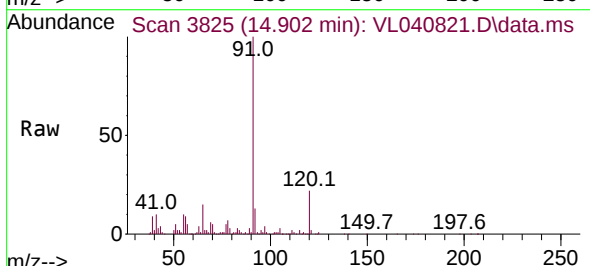
Acq: 8 Nov 2023 21:54

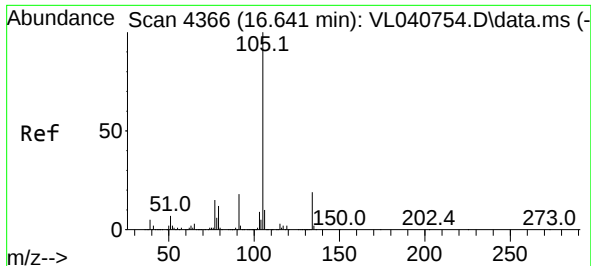
Tgt Ion:120 Resp: 90157

Ion Ratio Lower Upper

120 100

91 503.9 345.9 518.9





#67

sec-Butylbenzene

Concen: 0.222 ppbv m

RT: 16.632 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040821.D

Acq: 8 Nov 2023 21:54

Instrument :

MSVOA_L

ClientSampleId :

SH-IA-3

Tgt Ion:105 Resp: 9238

Ion Ratio Lower Upper

105 100

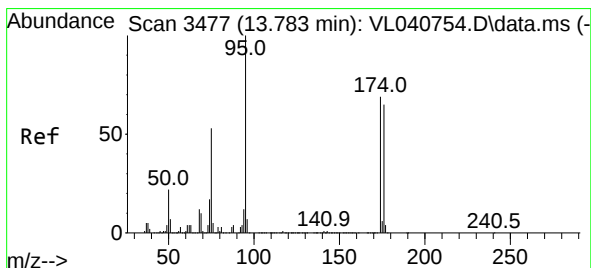
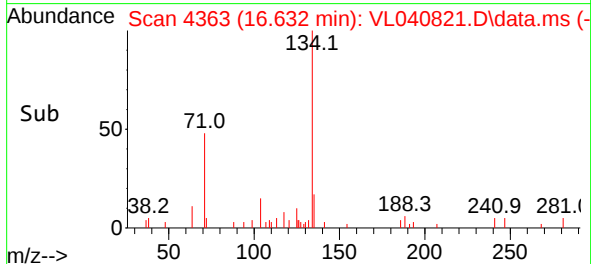
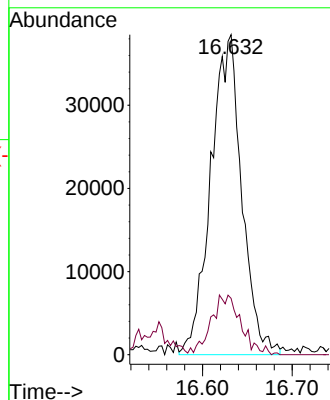
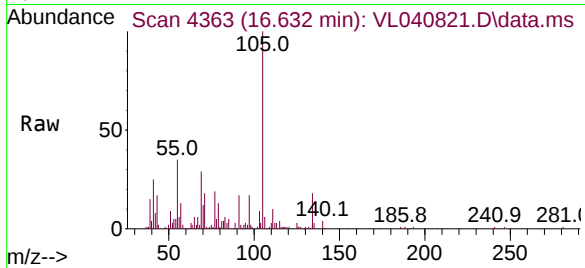
134 0.0 15.4 23.2

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Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 10.106 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.003 min

Lab File: VL040821.D

Acq: 8 Nov 2023 21:54

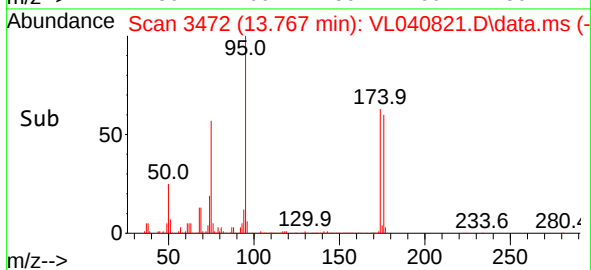
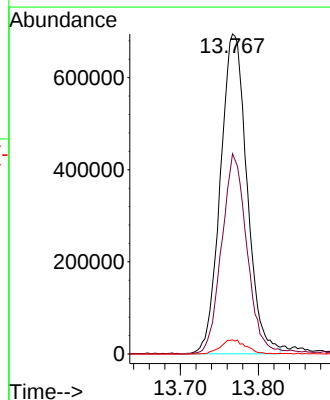
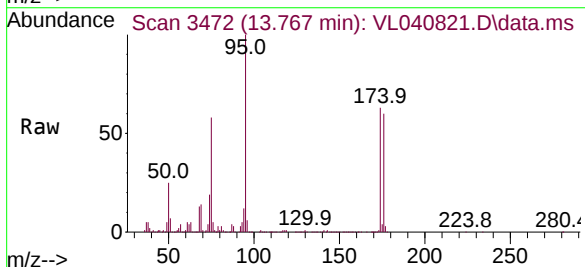
Tgt Ion: 95 Resp: 1649024

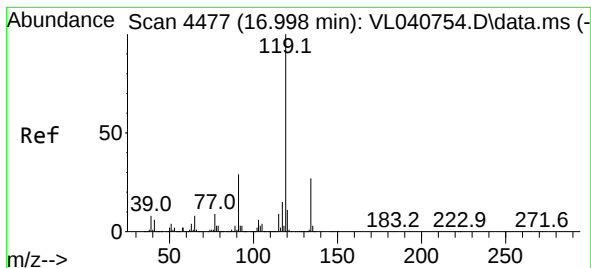
Ion Ratio Lower Upper

95 100

174 61.0 54.7 82.1

175 4.4 4.2 6.4





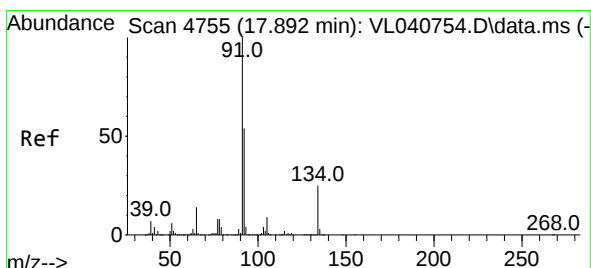
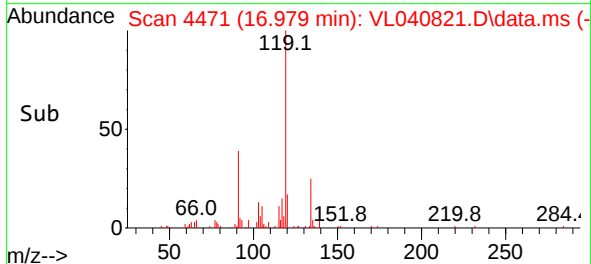
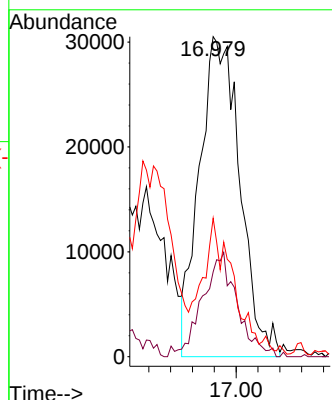
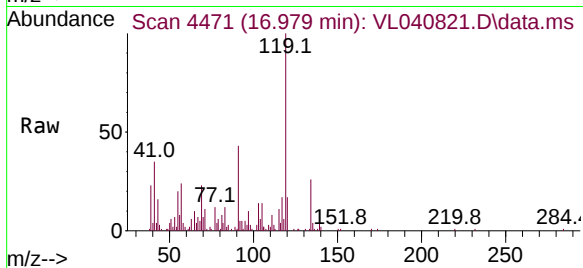
#69
p-Isopropyltoluene
Concen: 0.226 ppbv m
RT: 16.979 min Scan# 4477
Delta R.T. -0.006 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3

Tgt Ion:119 Resp: 78698
Ion Ratio Lower Upper
119 100
134 27.9 21.0 31.4
91 0.0 22.8 34.2

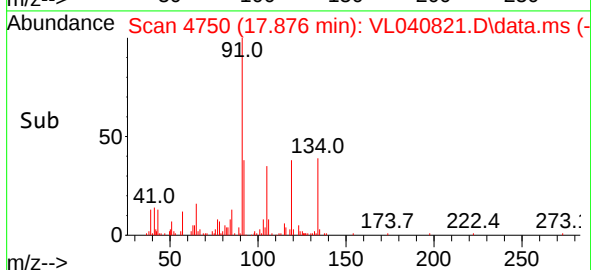
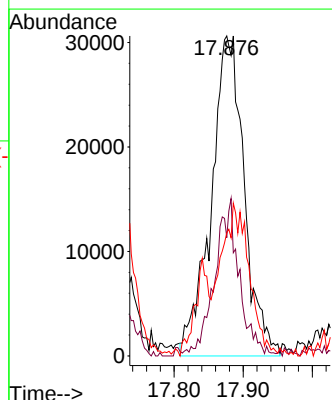
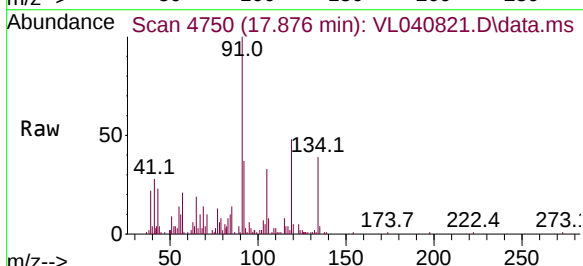
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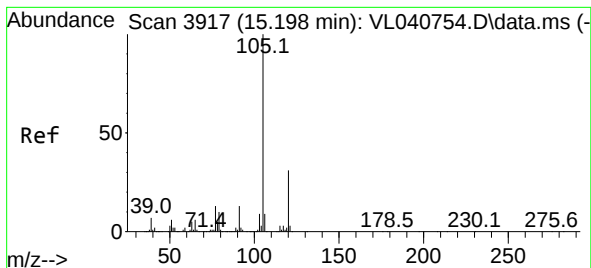
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#70
n-Butylbenzene
Concen: 0.298 ppbv m
RT: 17.876 min Scan# 4750
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

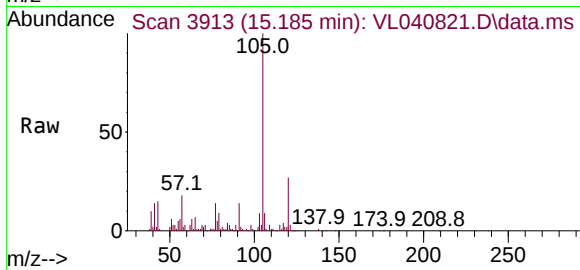
Tgt Ion: 91 Resp: 102070
Ion Ratio Lower Upper
91 100
92 0.0 44.1 66.1#
134 0.0 19.5 29.3#





#72
4-Ethyltoluene
Concen: 0.929 ppbv
RT: 15.185 min Scan# 3917
Delta R.T. 0.000 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

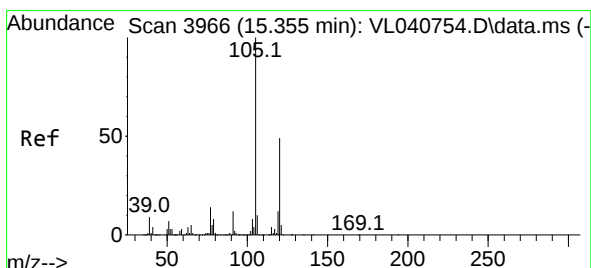
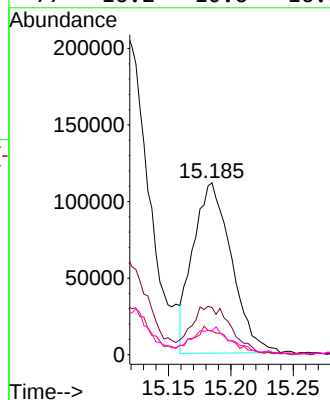
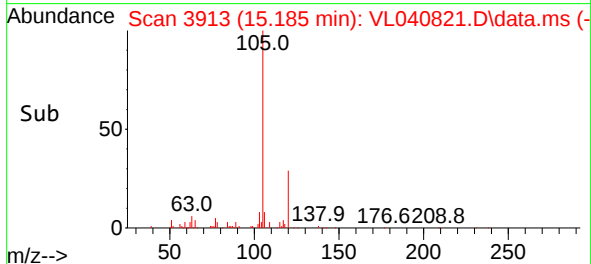
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3



Tgt Ion:105 Resp: 238094
Ion Ratio Lower Upper
105 100
120 29.8 25.0 37.4
91 15.7 9.8 14.8
77 16.2 10.6 16.0#

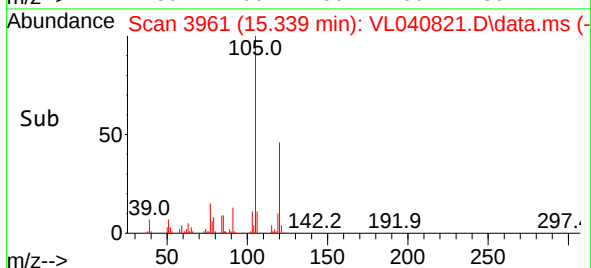
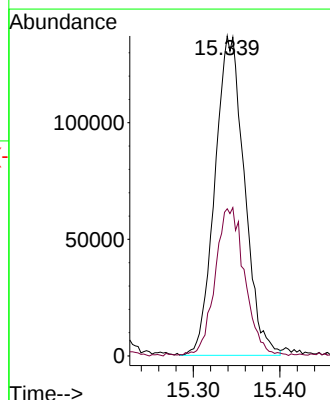
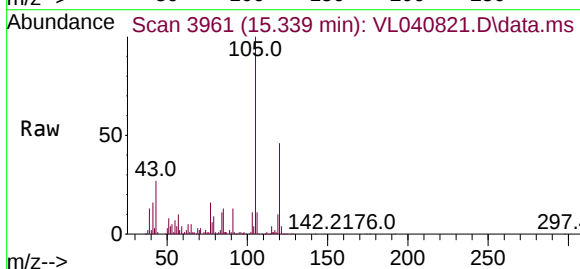
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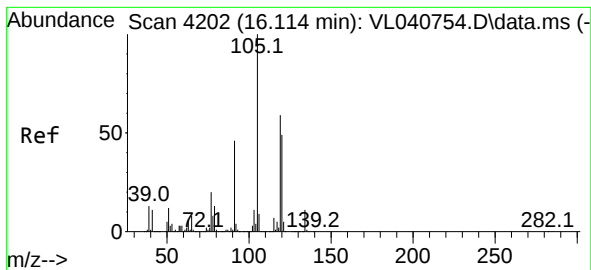
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#73
1,3,5-Trimethylbenzene
Concen: 1.434 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. -0.003 min
Lab File: VL040821.D
Acq: 8 Nov 2023 21:54

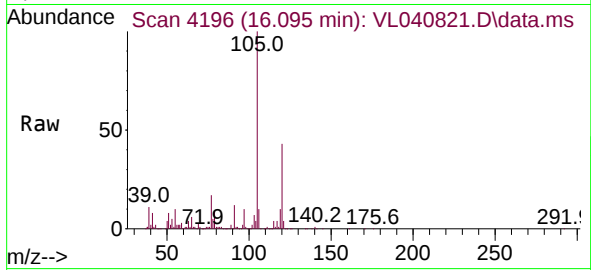
Tgt Ion:105 Resp: 323639
Ion Ratio Lower Upper
105 100
120 45.6 39.4 59.2





#74
 1,2,4-Trimethylbenzene
 Concen: 4.409 ppbv
 RT: 16.095 min Scan# 4196
 Delta R.T. -0.006 min
 Lab File: VL040821.D
 Acq: 8 Nov 2023 21:54

Instrument :
 MSVOA_L
 ClientSampleId :
 SH-IA-3



Tgt Ion:105 Resp: 1087524
 Ion Ratio Lower Upper
 105 100
 120 42.5 39.4 59.2
 91 11.5 38.6 58.0
 77 16.7 16.6 25.0

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Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023

