

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040713.D
 Acq On : 19 Sep 2023 00:25
 Operator : SY/MD
 Sample : 04471-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 05:24:23 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

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

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1101243	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	3006387	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2617124	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 2235357 11.055 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 110.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	113664	0.468	ppbv	94
3) Chlorodifluoromethane	2.684	51	45029m	0.251	ppbv	
4) Chloromethane	2.819	50	36432	0.530	ppbv	90
8) Dichlorotetrafluoroethane	2.864	85	6054	0.030	ppbv	91
9) Propene	2.709	41	102821	1.989	ppbv	85
10) Heptane	7.587	43	80607	0.692	ppbv	97
11) Trichlorofluoromethane	3.571	101	46857	0.220	ppbv	98
12) 1,1,2-Trichlorotrifluoro...	4.076	101	13420m	0.088	ppbv	
13) Ethanol	3.243	45	976322	63.822	ppbv	100
15) Acetone	3.475	43	1364827	9.396	ppbv	97
17) tert-Butyl alcohol	3.896	59	21568m	0.145	ppbv	
19) Isopropyl Alcohol	3.587	45	589542	6.736	ppbv	100
20) Methylene Chloride	3.941	84	51696	0.661	ppbv	95
25) Ethyl Acetate	5.214	43	104757	0.447	ppbv #	89
26) Hexane	5.221	57	75334	0.680	ppbv #	71
29) Chloroform	5.282	83	39582	0.207	ppbv	96
30) Cyclohexane	6.610	84	16508m	0.198	ppbv	
34) 2-Butanone	4.790	43	1549788	10.250	ppbv	99
35) Carbon Tetrachloride	6.497	117	15738m	0.076	ppbv	
36) Benzene	6.378	78	63798	0.287	ppbv #	94
43) Methyl Methacrylate	7.481	69	26068	0.315	ppbv	96
44) 2,2,4-Trimethylpentane	7.340	57	70406m	0.199	ppbv	
52) Tetrachloroethene	10.632	164	12639m	0.174	ppbv	
53) Toluene	9.227	91	385380	1.640	ppbv	99
58) Ethyl Benzene	12.098	91	12389275	41.522	ppbv	89
59) m/p-Xylene	12.352	91	9589480	34.226	ppbv	92
60) o-Xylene	13.066	91	3439337	12.872	ppbv	100
62) Isopropylbenzene	14.037	105	222488	0.551	ppbv	99
64) n-propylbenzene	14.921	120	106936	1.060	ppbv	93
67) sec-Butylbenzene	16.654	105	368281	0.710	ppbv	98
69) p-Isopropyltoluene	17.018	119	370250m	0.909	ppbv	
70) n-Butylbenzene	17.911	91	900342	2.008	ppbv #	58
72) 4-Ethyltoluene	15.207	105	557962	1.862	ppbv #	87
73) 1,3,5-Trimethylbenzene	15.365	105	1144846	4.243	ppbv	95
74) 1,2,4-Trimethylbenzene	16.127	105	3238420	9.846	ppbv #	65
79) Naphthalene	21.403	128	196619	0.961	ppbv	97

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

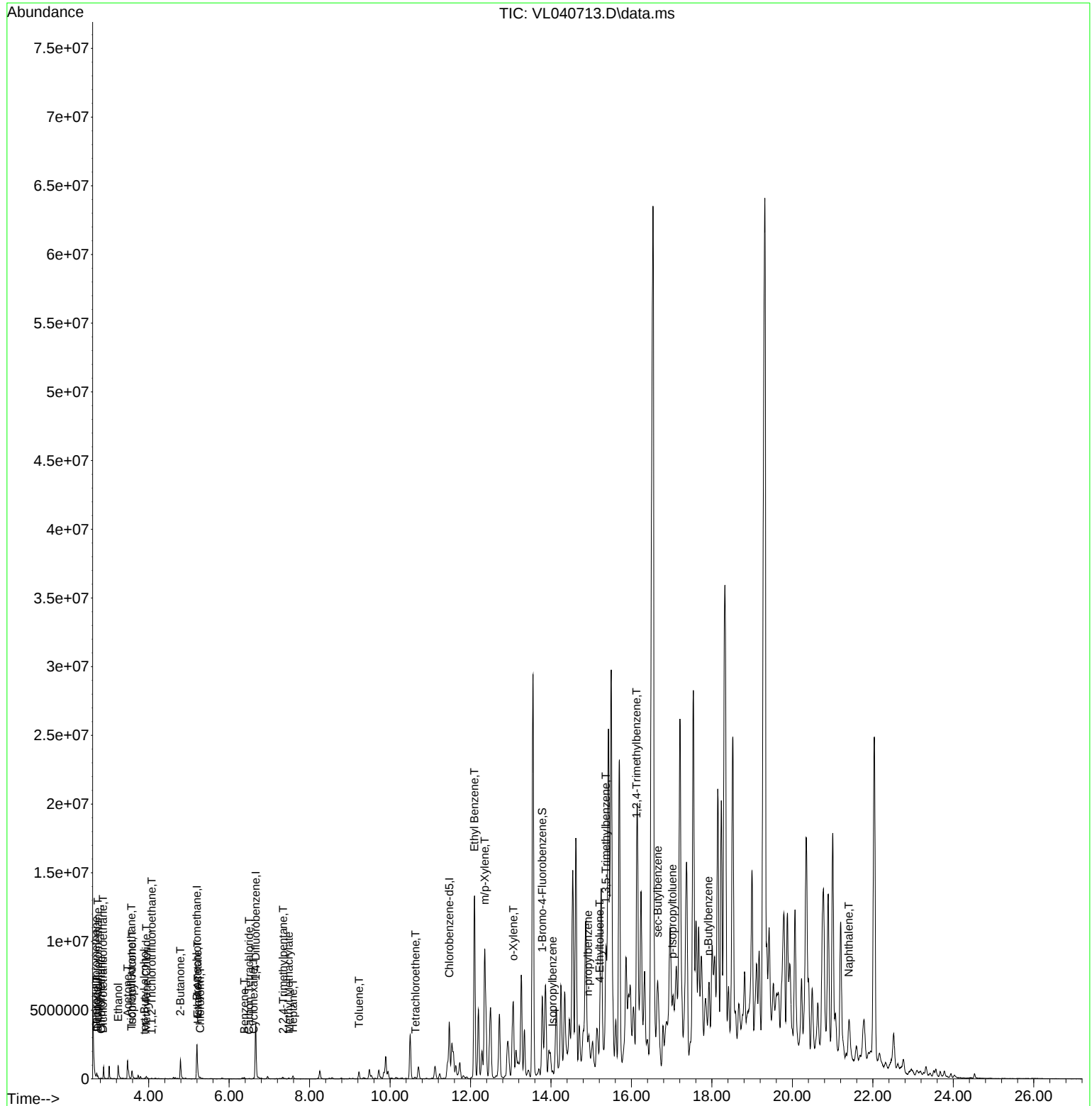
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Data File : VL040713.D
Acq On : 19 Sep 2023 00:25
Operator : SY/MD
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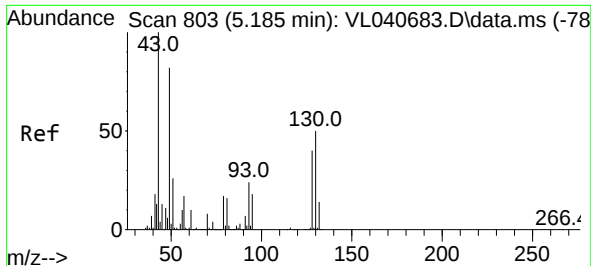
Instrument :
MSVOA_L
ClientSampleId :
IA1

Quant Time: Sep 19 05:24:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration

Manual Integrations
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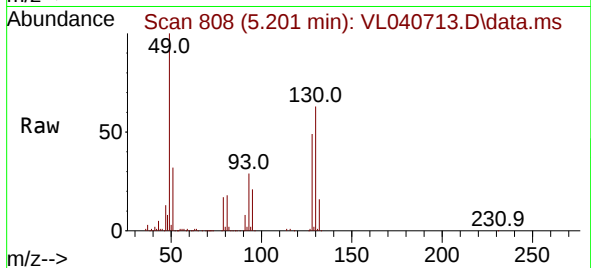
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

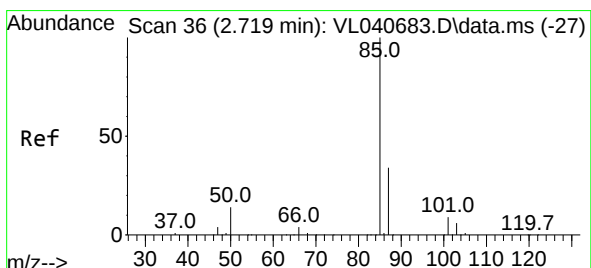
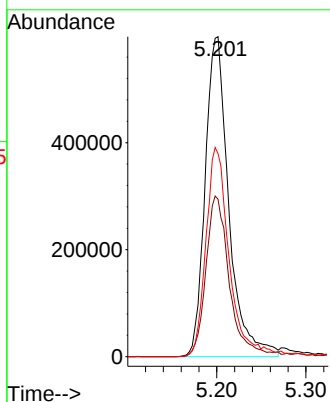
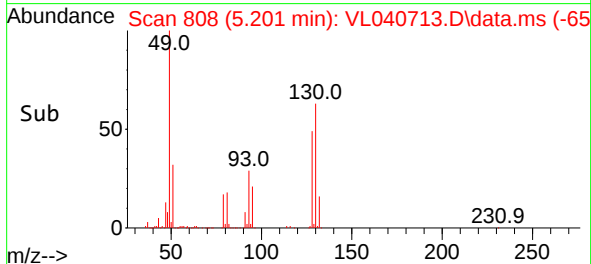
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 49 Resp: 110124
Ion Ratio Lower Upper
49 100
128 51.9 25.4 76.0
130 66.4 32.3 96.8

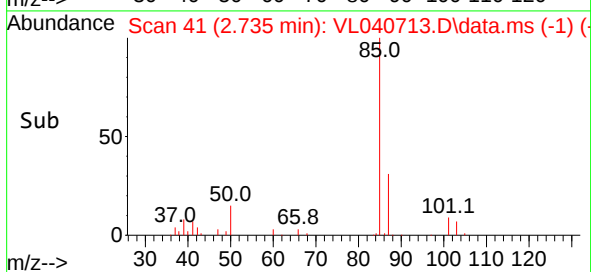
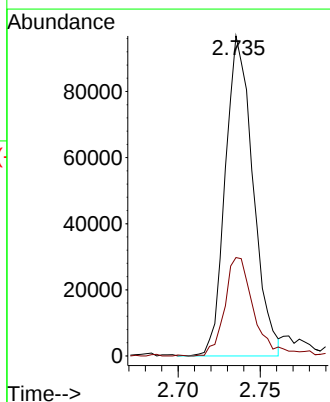
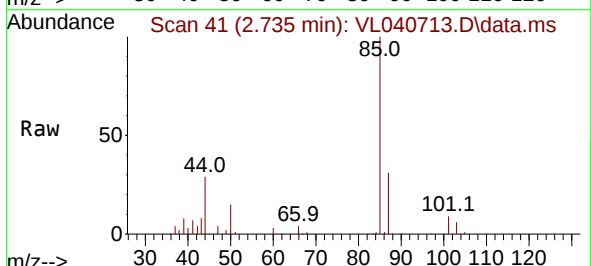
Manual Integrations
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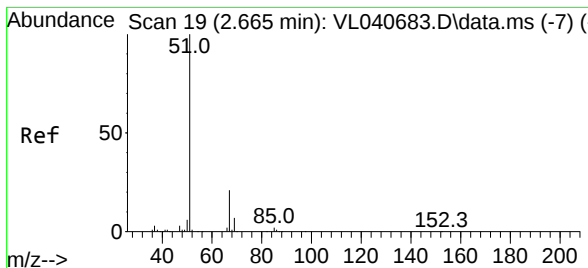
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#2
Dichlorodifluoromethane
Concen: 0.468 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

Tgt Ion: 85 Resp: 113664
Ion Ratio Lower Upper
85 100
87 30.4 27.2 40.8





#3

Chlorodifluoromethane

Concen: 0.251 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL040713.D

Acq: 19 Sep 2023 00:25

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 51 Resp: 45029

Ion Ratio Lower Upper

51 100

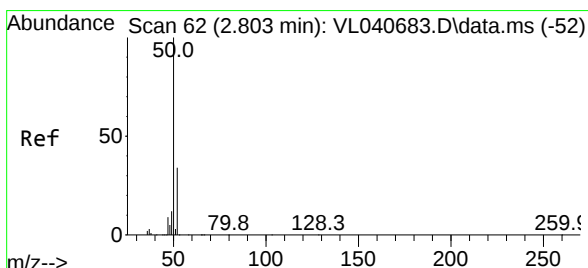
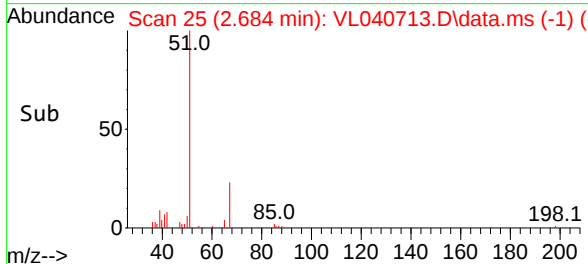
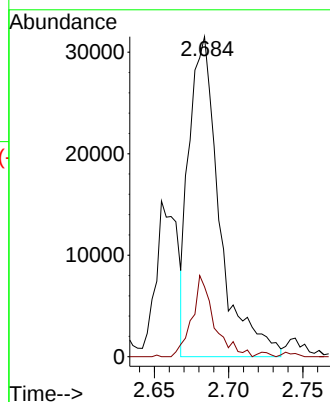
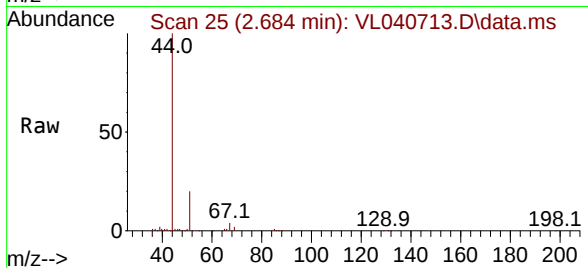
67 19.4 16.7 25.1

Manual Integrations

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#4

Chloromethane

Concen: 0.530 ppbv

RT: 2.819 min Scan# 67

Delta R.T. 0.003 min

Lab File: VL040713.D

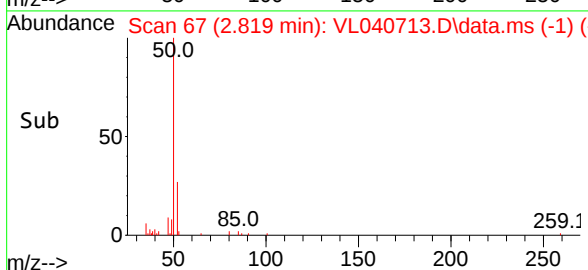
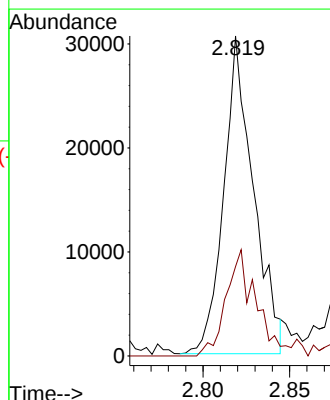
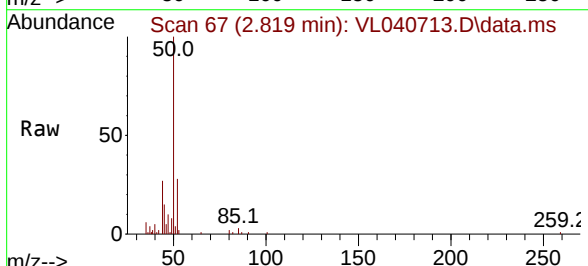
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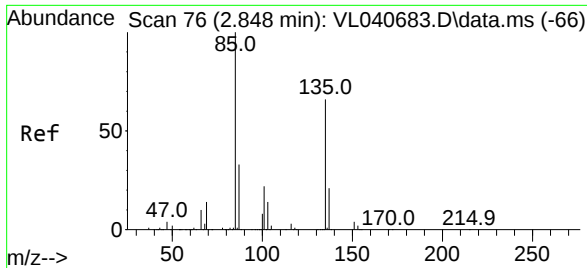
Tgt Ion: 50 Resp: 36432

Ion Ratio Lower Upper

50 100

52 28.2 27.1 40.7





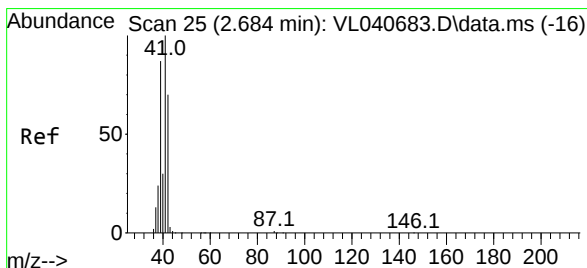
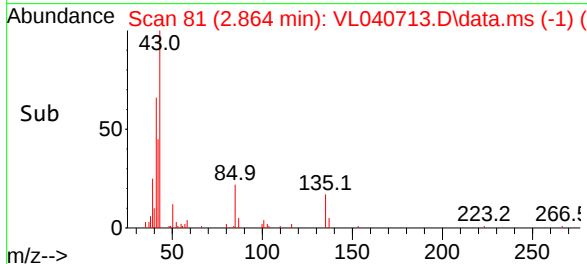
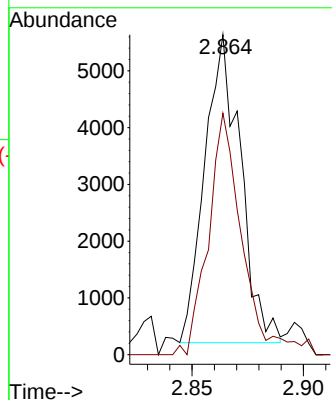
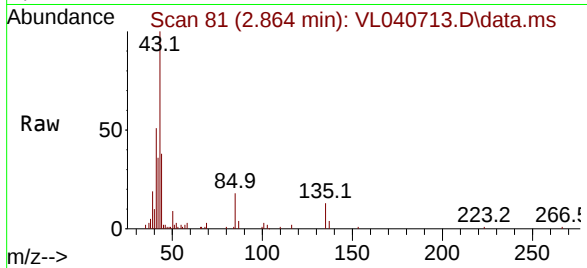
#8
 Dichlorotetrafluoroethane
 Concen: 0.030 ppbv
 RT: 2.864 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL040713.D
 Acq: 19 Sep 2023 00:25

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Tgt Ion: 85 Resp: 6054
 Ion Ratio Lower Upper
 85 100
 135 74.3 53.4 80.2

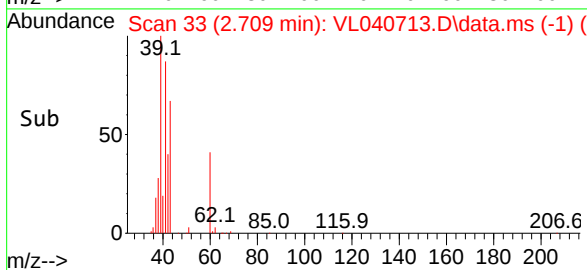
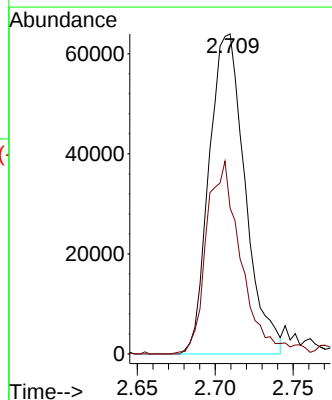
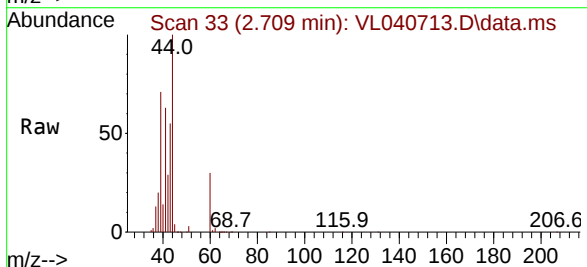
Manual Integrations
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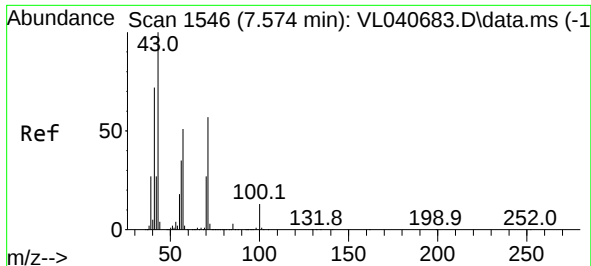
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#9
 Propene
 Concen: 1.989 ppbv
 RT: 2.709 min Scan# 33
 Delta R.T. 0.013 min
 Lab File: VL040713.D
 Acq: 19 Sep 2023 00:25

Tgt Ion: 41 Resp: 102821
 Ion Ratio Lower Upper
 41 100
 42 58.1 56.7 85.1





#10

Heptane

Concen: 0.692 ppbv

RT: 7.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040713.D

Acq: 19 Sep 2023 00:25

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 43 Resp: 8060

Ion Ratio Lower Upper

43 100

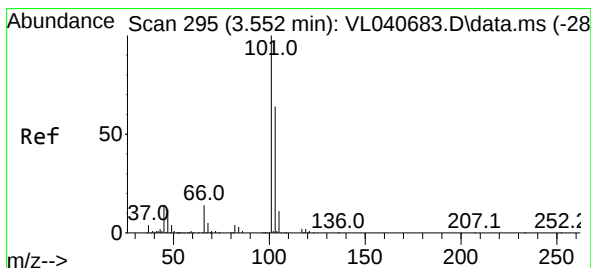
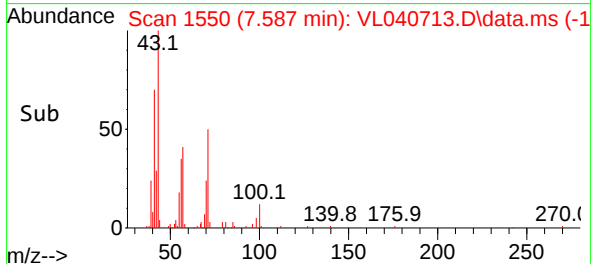
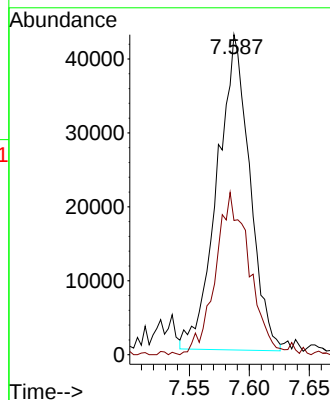
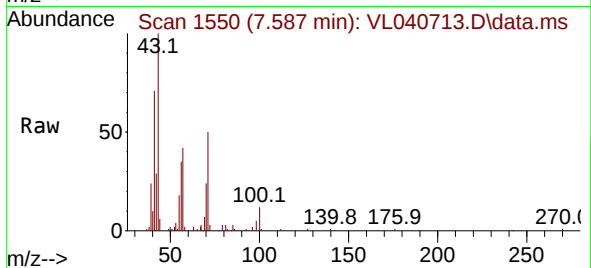
57 54.6 41.8 62.6

Manual Integrations

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Supervised By :Mahesh Dadoda 09/19/2023



#11

Trichlorofluoromethane

Concen: 0.220 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.003 min

Lab File: VL040713.D

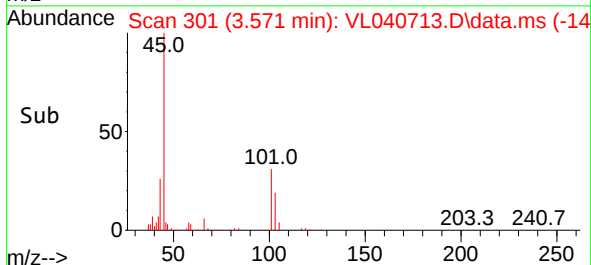
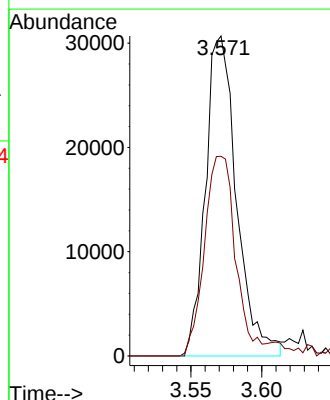
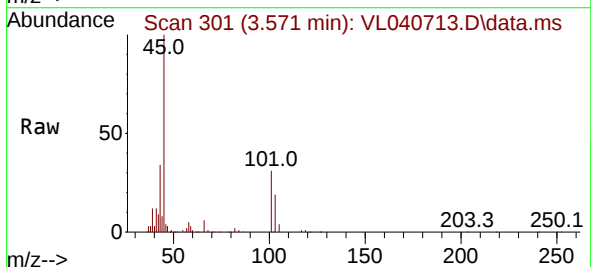
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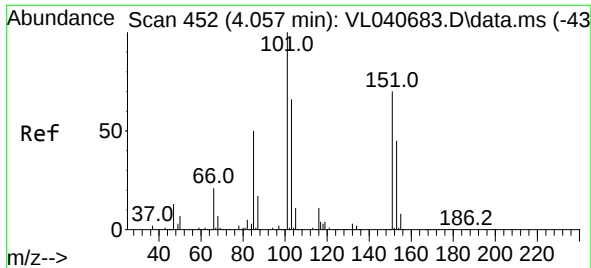
Tgt Ion:101 Resp: 46857

Ion Ratio Lower Upper

101 100

103 62.4 51.3 76.9





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.088 ppbv m

RT: 4.076 min Scan# 4

Delta R.T. 0.003 min

Lab File: VL040713.D

Acq: 19 Sep 2023 00:25

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion:101 Resp: 13420

Ion Ratio Lower Upper

101 100

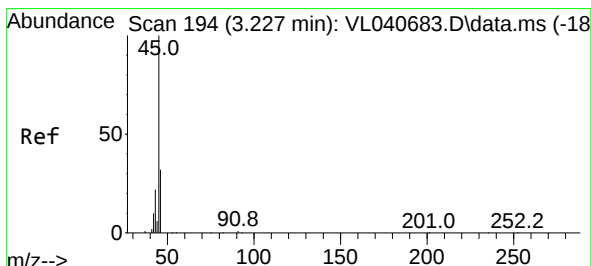
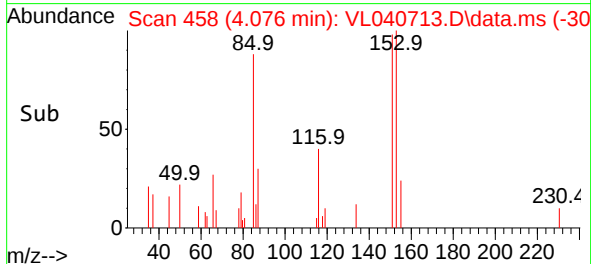
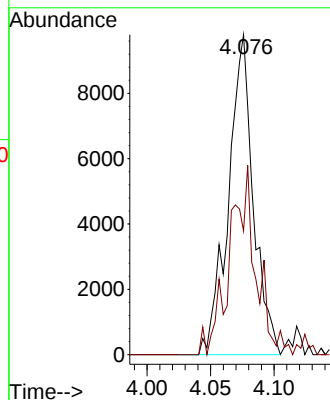
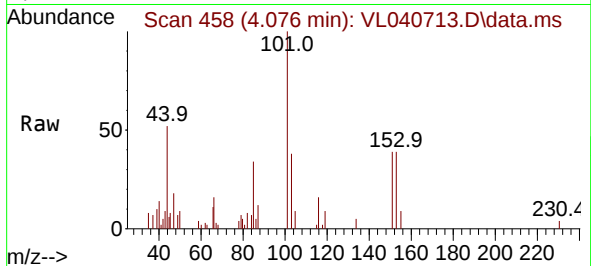
151 63.9 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#13

Ethanol

Concen: 63.822 ppbv

RT: 3.243 min Scan# 199

Delta R.T. -0.000 min

Lab File: VL040713.D

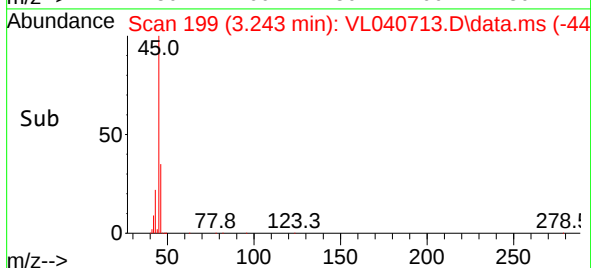
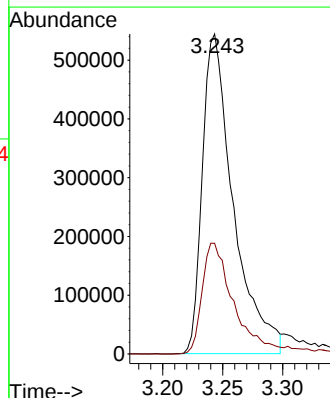
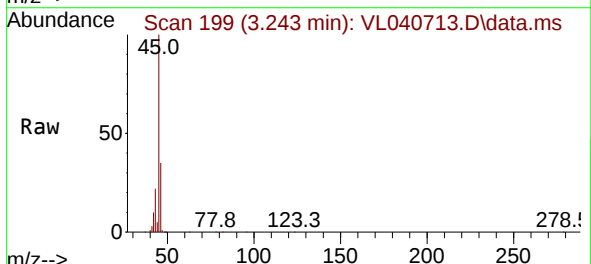
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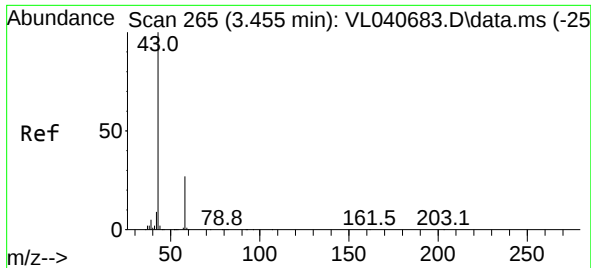
Tgt Ion: 45 Resp: 976322

Ion Ratio Lower Upper

45 100

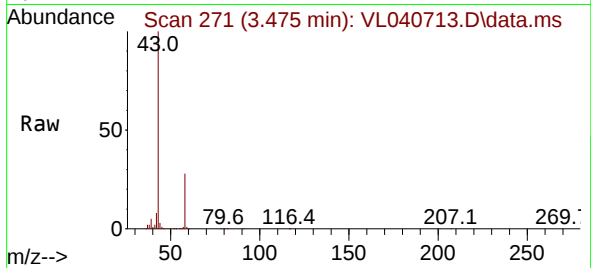
46 38.1 15.2 61.0





#15
Acetone
Concen: 9.396 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

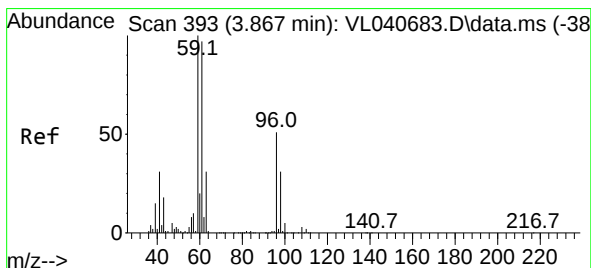
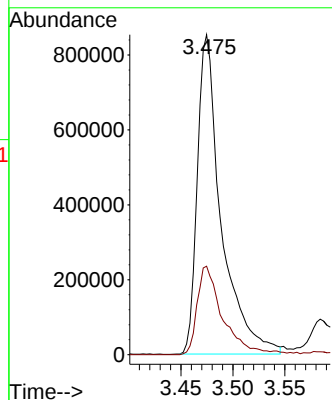
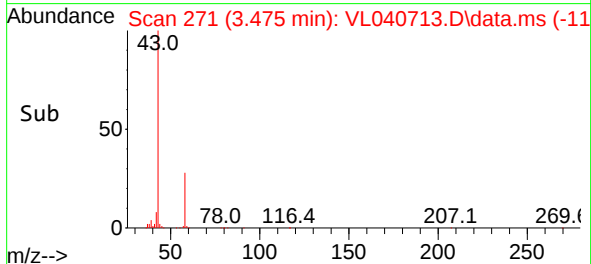
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 136482
Ion Ratio Lower Upper
43 100
58 29.9 22.6 34.0

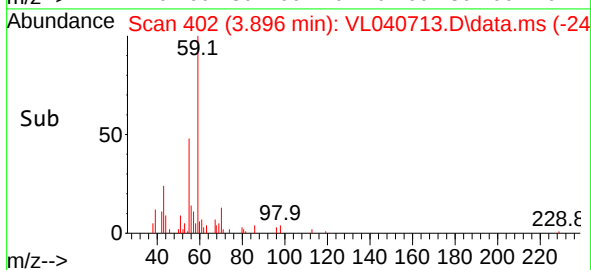
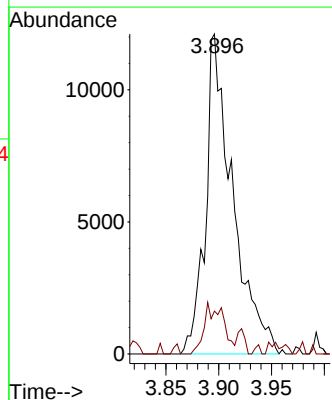
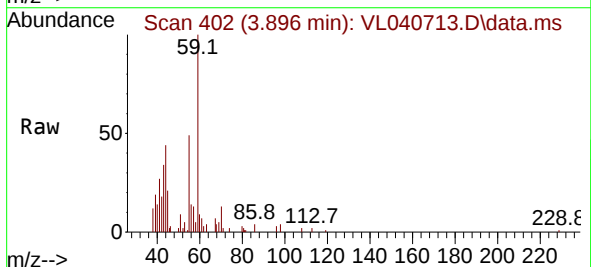
Manual Integrations
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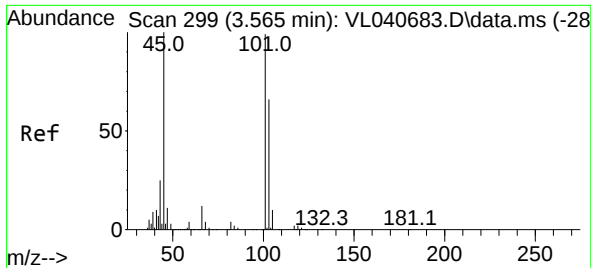
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#17
tert-Butyl alcohol
Concen: 0.145 ppbv m
RT: 3.896 min Scan# 402
Delta R.T. 0.013 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

Tgt Ion: 59 Resp: 21568
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#19

Isopropyl Alcohol

Concen: 6.736 ppbv

RT: 3.587 min Scan# 306

Delta R.T. 0.010 min

Lab File: VL040713.D

Acq: 19 Sep 2023 00:25

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 45 Resp: 58954

Ion Ratio Lower Upper

45 100

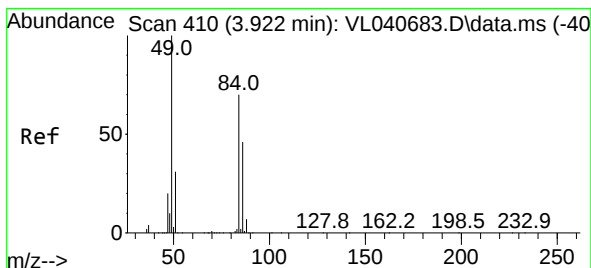
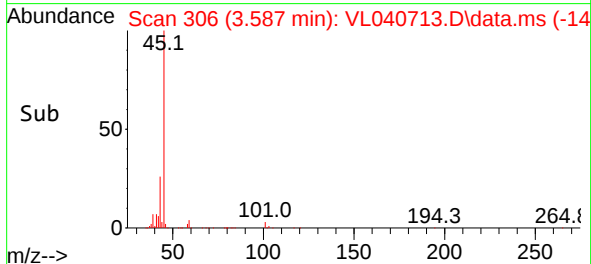
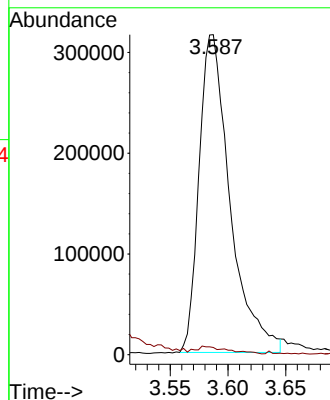
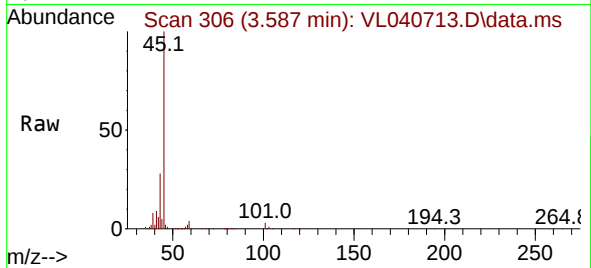
58 2.2 1.9 2.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#20

Methylene Chloride

Concen: 0.661 ppbv

RT: 3.941 min Scan# 416

Delta R.T. 0.003 min

Lab File: VL040713.D

Acq: 19 Sep 2023 00:25

Tgt Ion: 84 Resp: 51696

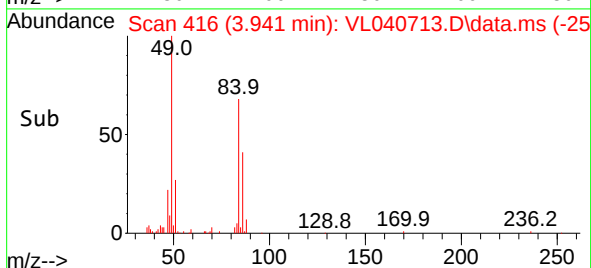
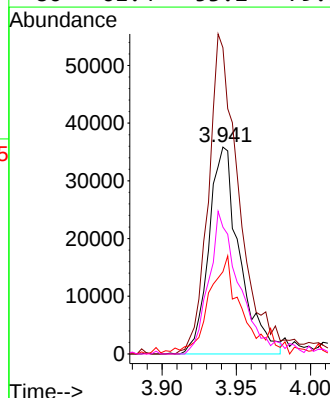
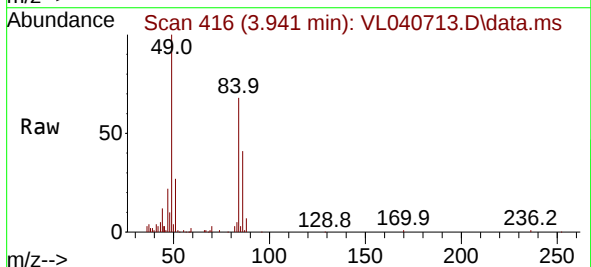
Ion Ratio Lower Upper

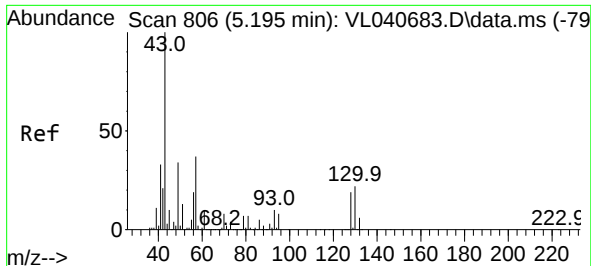
84 100

49 146.5 114.4 171.6

51 37.9 35.5 53.3

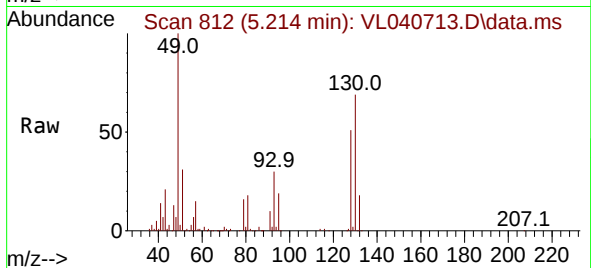
86 61.4 53.2 79.8





#25
Ethyl Acetate
Concen: 0.447 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

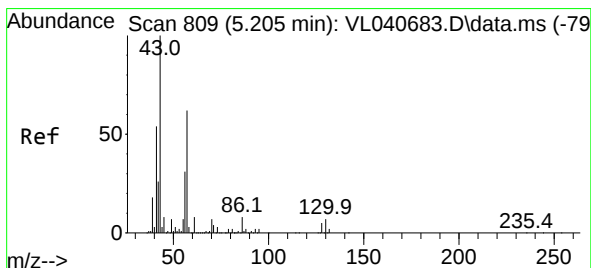
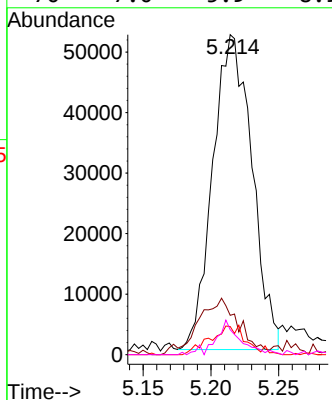
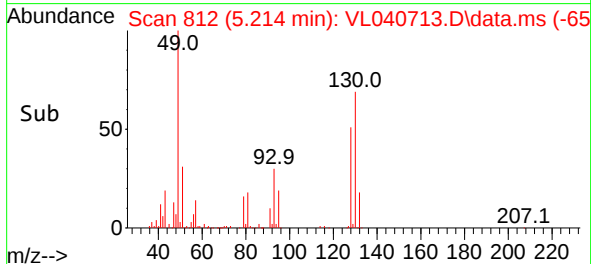
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 10475
Ion Ratio Lower Upper
43 100
45 19.2 8.2 12.4
61 8.5 8.2 12.4
70 7.0 5.9 8.9

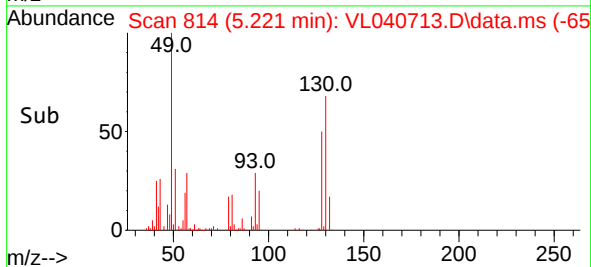
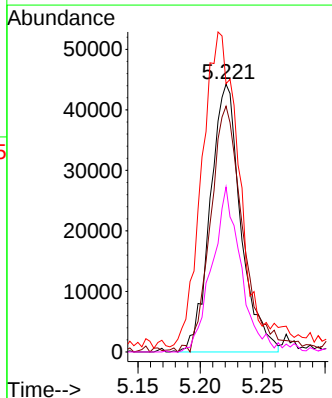
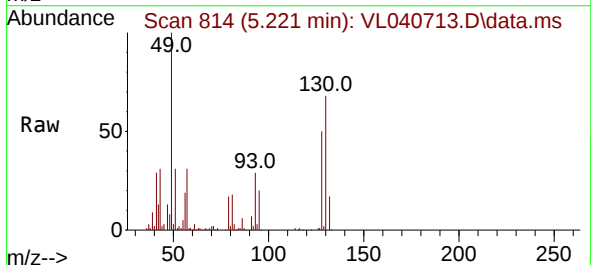
Manual Integrations
APPROVED

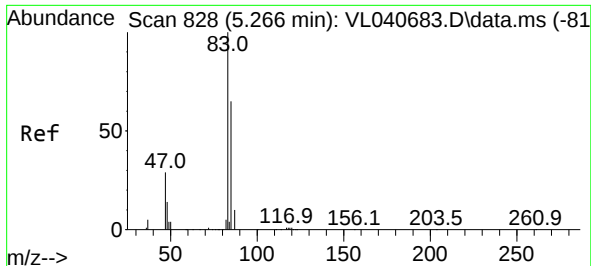
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#26
Hexane
Concen: 0.680 ppbv
RT: 5.221 min Scan# 814
Delta R.T. -0.000 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

Tgt Ion: 57 Resp: 75334
Ion Ratio Lower Upper
57 100
41 100.1 75.2 112.8
43 158.8 185.6 278.4#
56 60.0 43.8 65.8





#29

Chloroform

Concen: 0.207 ppbv

RT: 5.282 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL040713.D

Acq: 19 Sep 2023 00:25

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 83 Resp: 3958

Ion Ratio Lower Upper

83 100

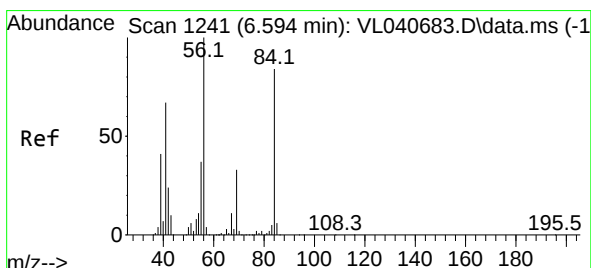
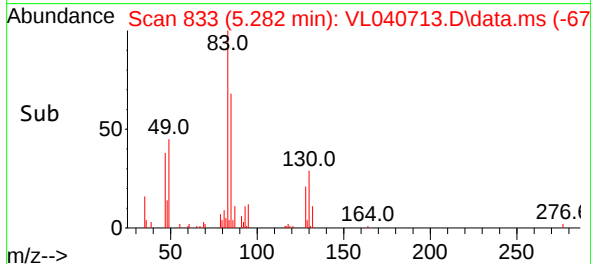
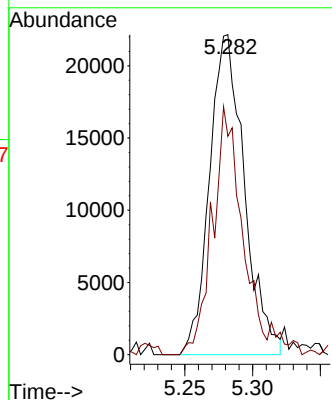
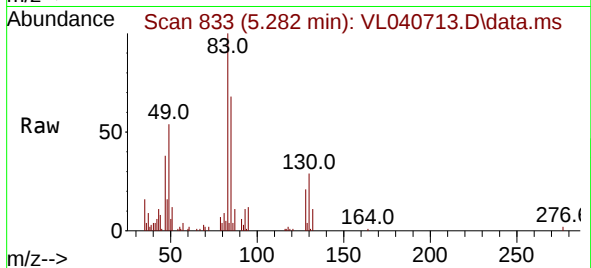
85 68.3 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#30

Cyclohexane

Concen: 0.198 ppbv m

RT: 6.610 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VL040713.D

Acq: 19 Sep 2023 00:25

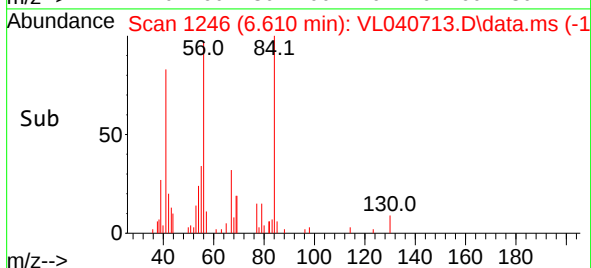
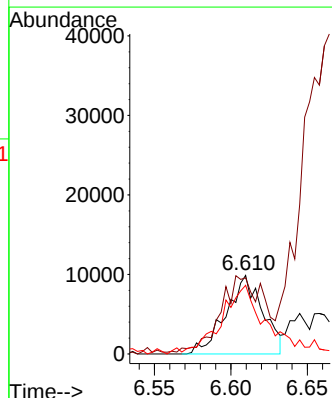
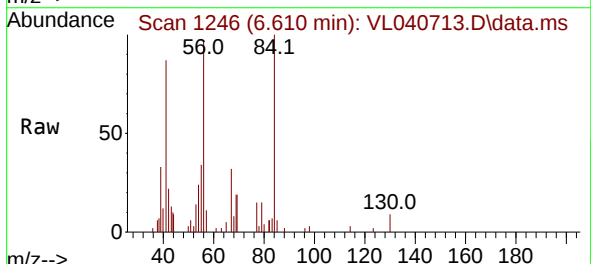
Tgt Ion: 84 Resp: 16508

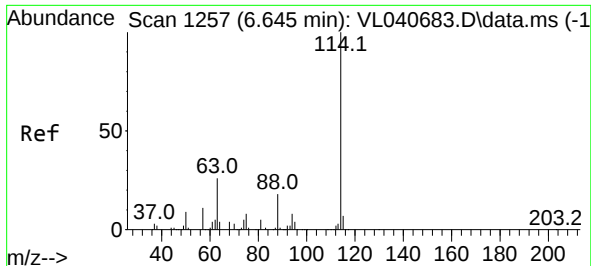
Ion Ratio Lower Upper

84 100

56 116.7 103.2 154.8

41 114.2 65.5 98.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL040713.D

Acq: 19 Sep 2023 00:25

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion:114 Resp: 300638

Ion Ratio Lower Upper

114 100

63 24.7 21.1 31.7

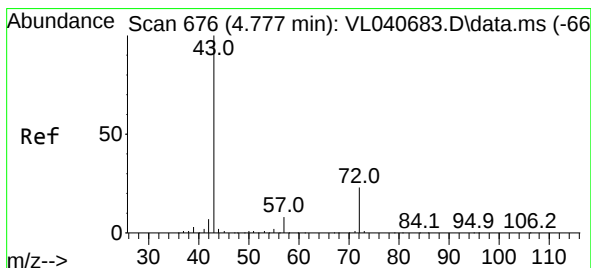
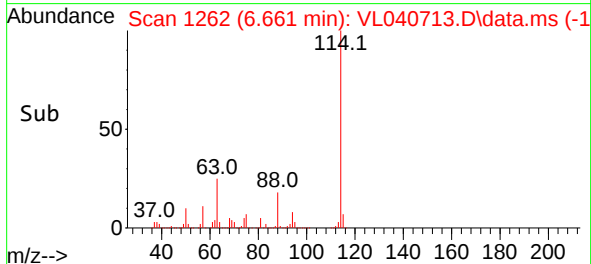
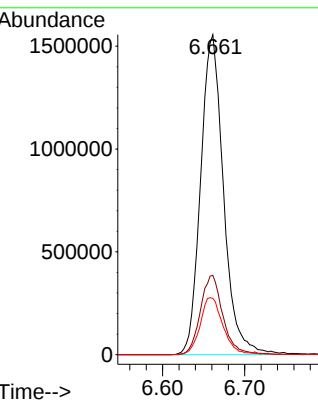
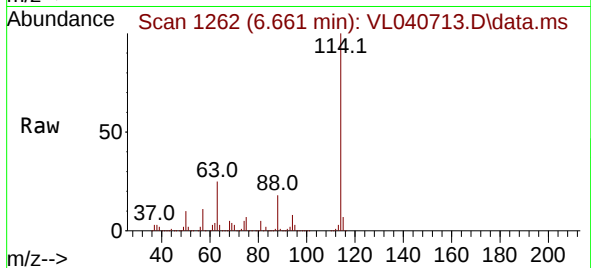
88 18.0 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#34

2-Butanone

Concen: 10.250 ppbv

RT: 4.790 min Scan# 680

Delta R.T. -0.000 min

Lab File: VL040713.D

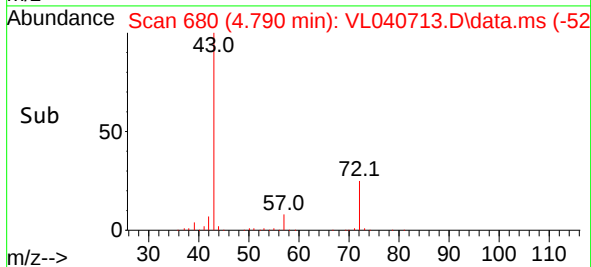
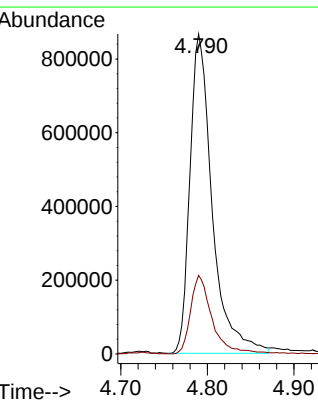
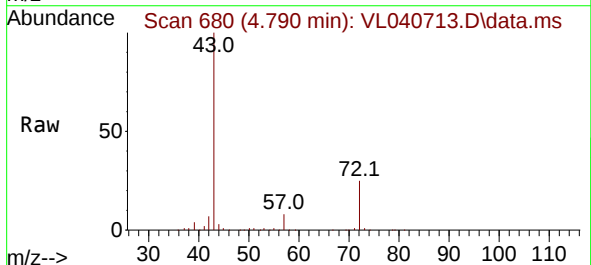
Acq: 19 Sep 2023 00:25

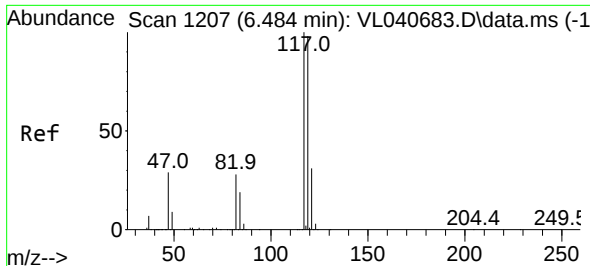
Tgt Ion: 43 Resp: 1549788

Ion Ratio Lower Upper

43 100

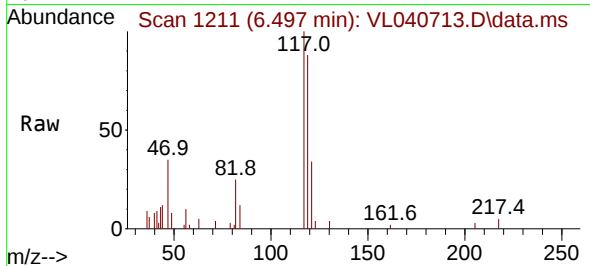
72 23.8 18.6 27.8





#35
Carbon Tetrachloride
Concen: 0.076 ppbv
RT: 6.497 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

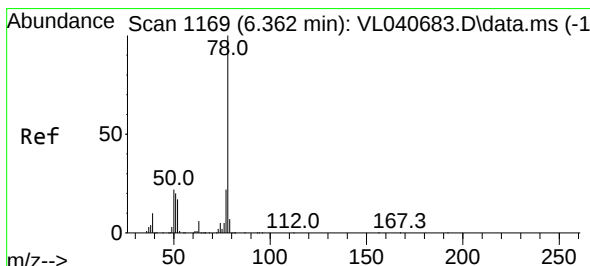
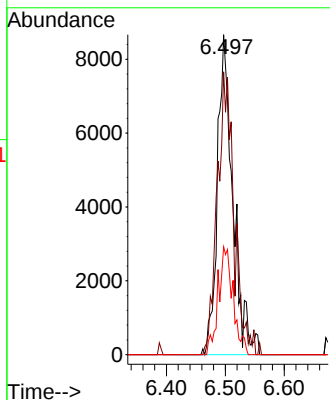
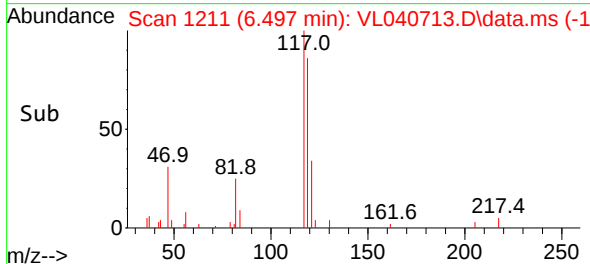
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 117 Resp: 15738
Ion Ratio Lower Upper
117 100
119 88.4 78.6 117.8
121 33.7 24.7 37.1

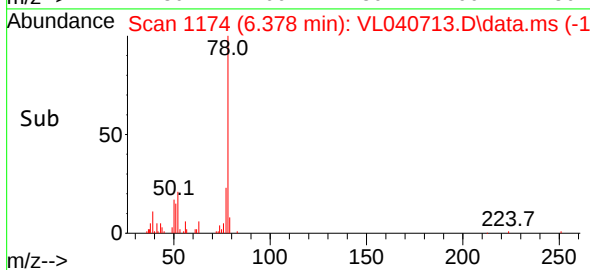
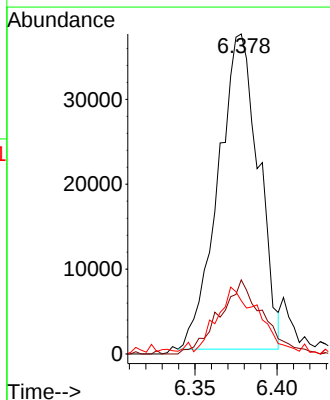
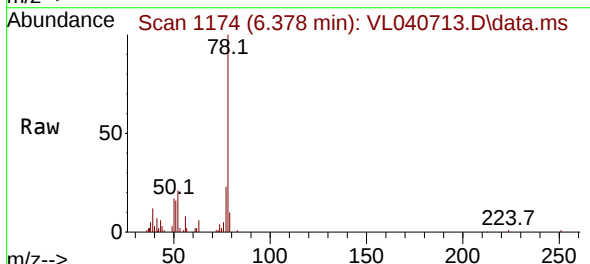
Manual Integrations
APPROVED

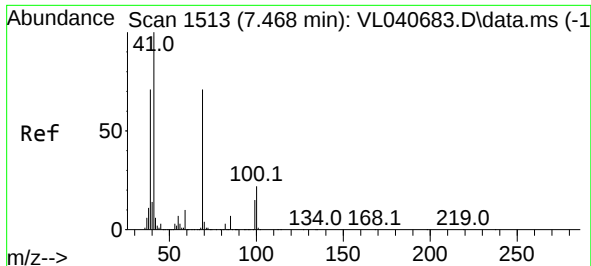
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#36
Benzene
Concen: 0.287 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. -0.003 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

Tgt Ion: 78 Resp: 63798
Ion Ratio Lower Upper
78 100
77 22.6 17.9 26.9
50 16.1 17.3 25.9#





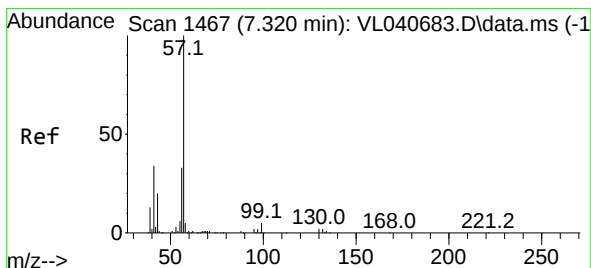
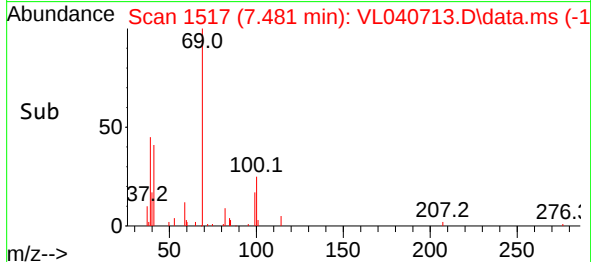
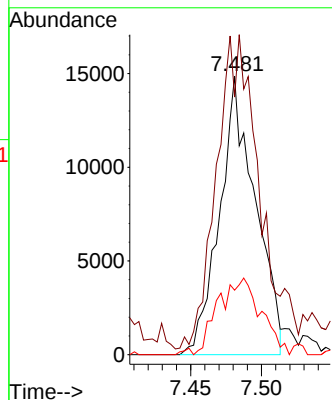
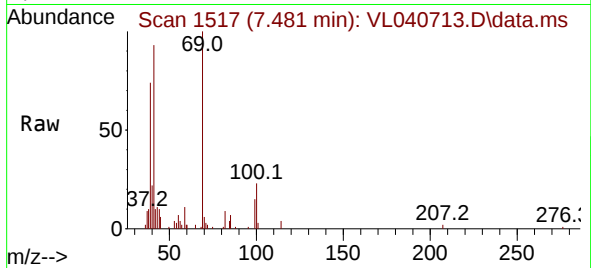
#43
Methyl Methacrylate
Concen: 0.315 ppbv
RT: 7.481 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 69 Resp: 26068
Ion Ratio Lower Upper
69 100
41 146.2 113.8 170.8
100 34.6 25.4 38.0

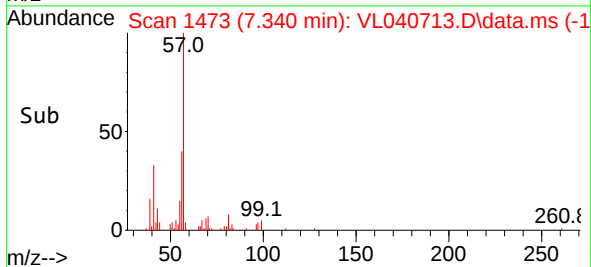
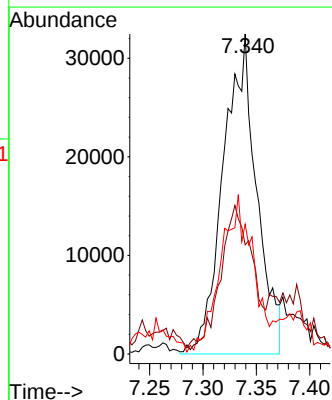
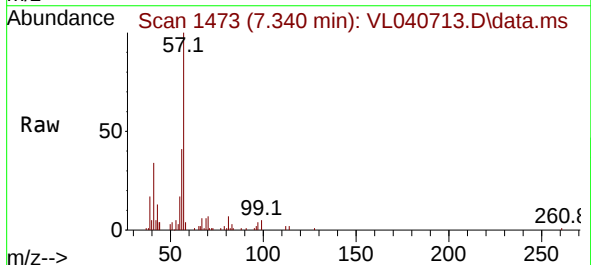
Manual Integrations
APPROVED

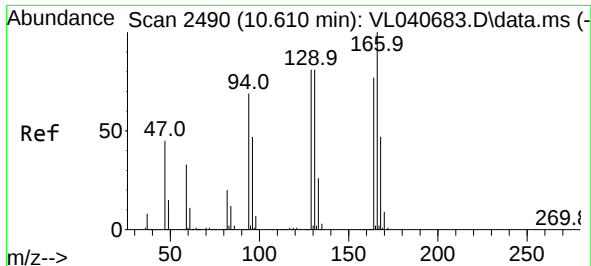
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#44
2,2,4-Trimethylpentane
Concen: 0.199 ppbv m
RT: 7.340 min Scan# 1473
Delta R.T. 0.003 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

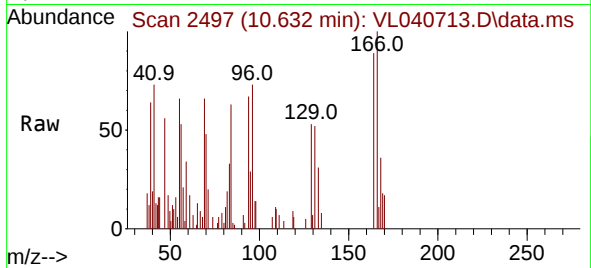
Tgt Ion: 57 Resp: 70406
Ion Ratio Lower Upper
57 100
41 0.0 28.5 42.7#
56 0.0 25.4 38.2#





#52
Tetrachloroethene
Concen: 0.174 ppbv m
RT: 10.632 min Scan# 2497
Delta R.T. 0.006 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

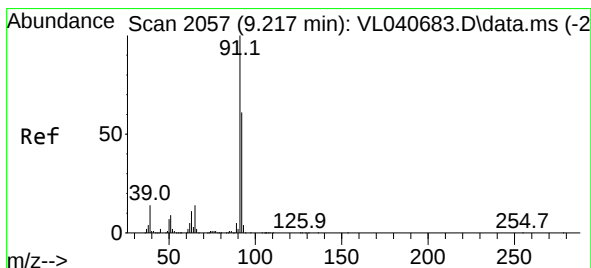
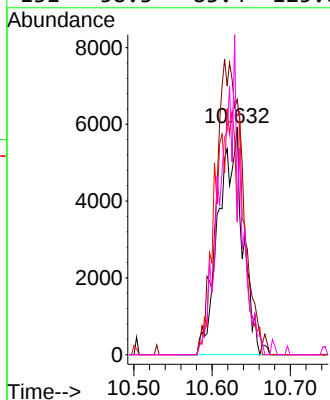
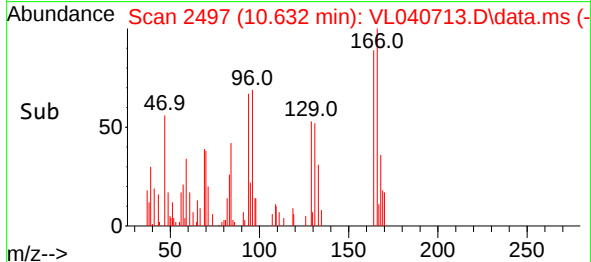
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:164 Resp: 12639
Ion Ratio Lower Upper
164 100
166 112.3 103.4 155.2
129 59.4 83.5 125.3
131 58.3 83.4 125.0#

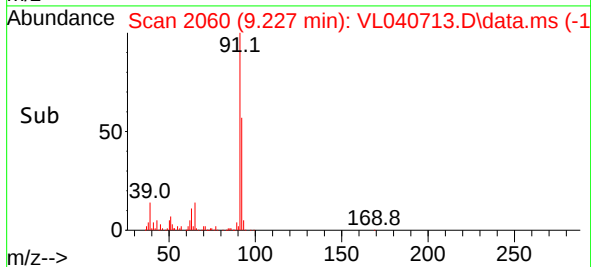
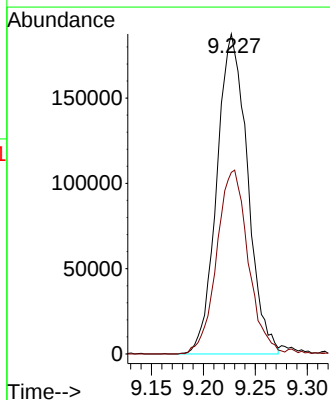
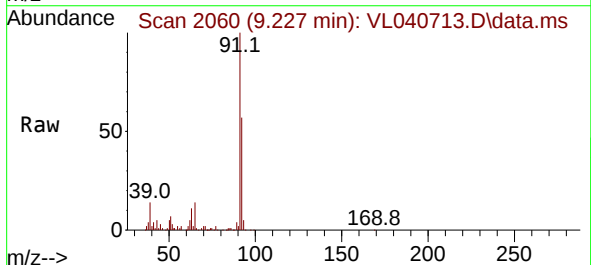
Manual Integrations
APPROVED

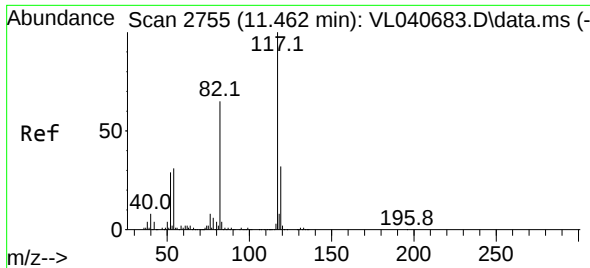
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#53
Toluene
Concen: 1.640 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

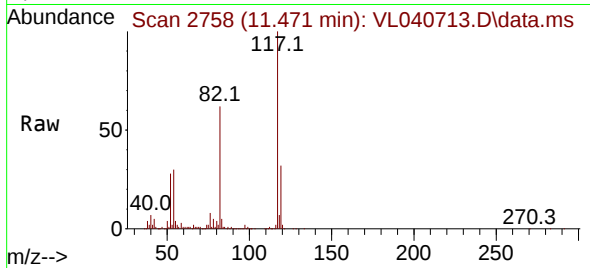
Tgt Ion: 91 Resp: 385380
Ion Ratio Lower Upper
91 100
92 59.6 48.5 72.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

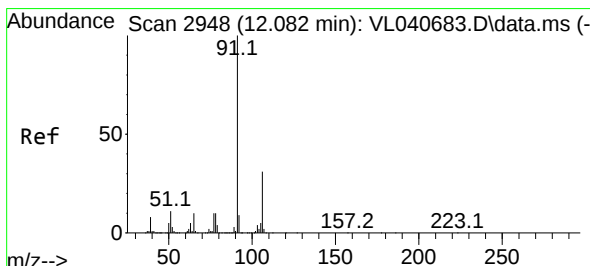
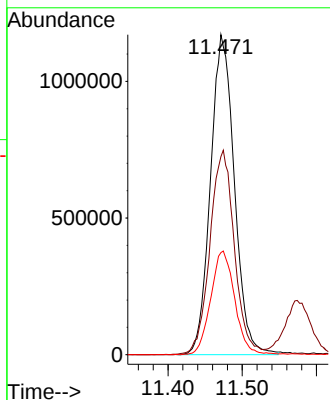
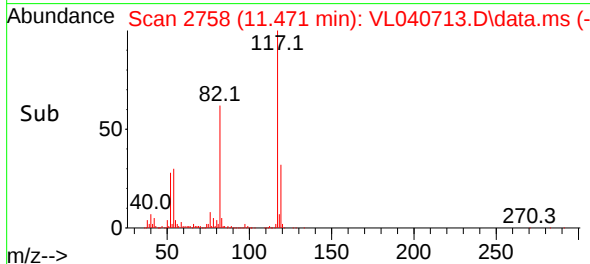
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 117 Resp: 2617124
Ion Ratio Lower Upper
117 100
82 65.4 51.4 77.0
119 33.0 24.7 37.1

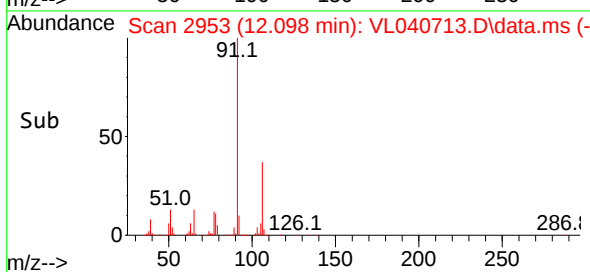
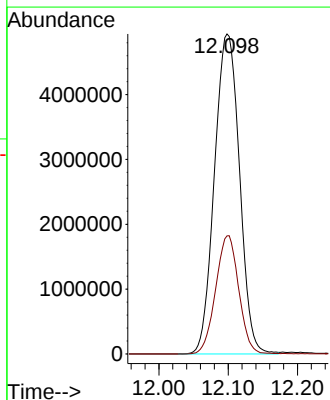
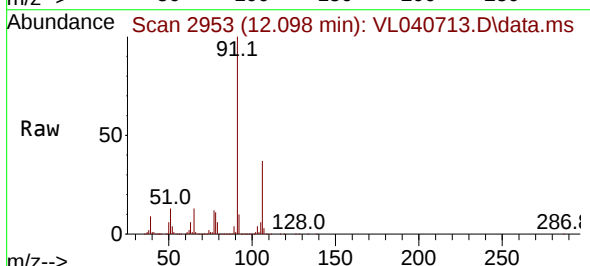
Manual Integrations
APPROVED

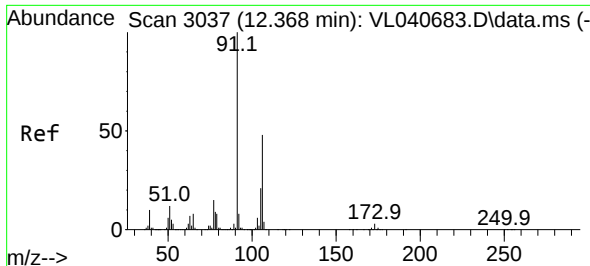
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#58
Ethyl Benzene
Concen: 41.522 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

Tgt Ion: 91 Resp:12389275
Ion Ratio Lower Upper
91 100
106 36.9 24.7 37.1





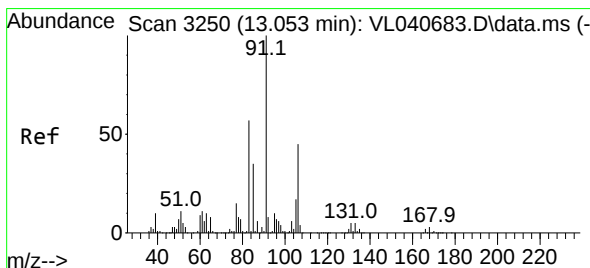
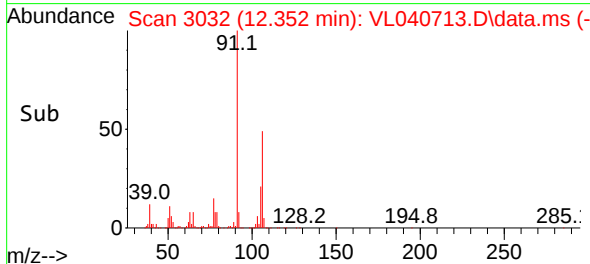
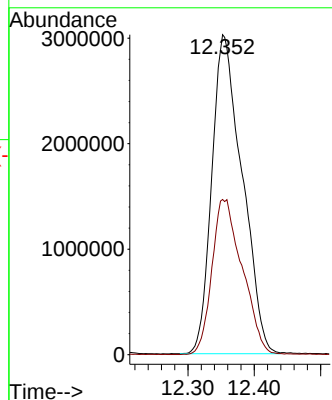
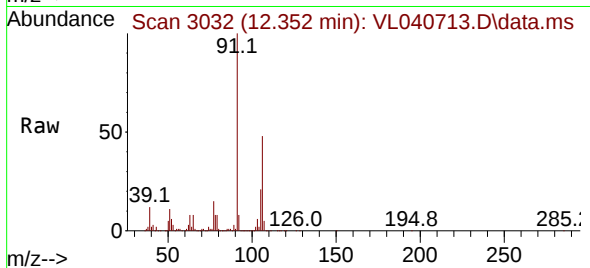
#59
m/p-Xylene
Concen: 34.226 ppbv
RT: 12.352 min Scan# 3032
Delta R.T. -0.029 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 9589480
Ion Ratio Lower Upper
91 100
106 48.9 34.8 52.2

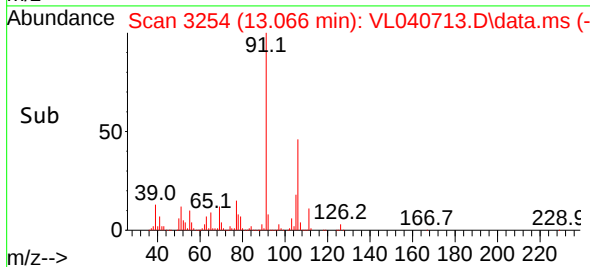
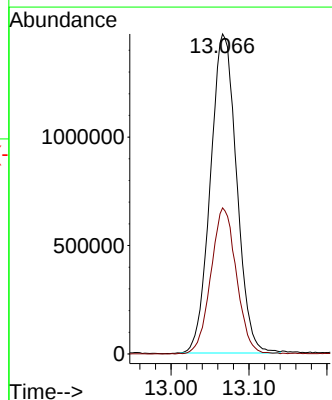
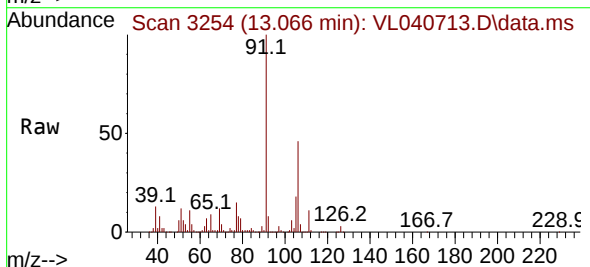
Manual Integrations
APPROVED

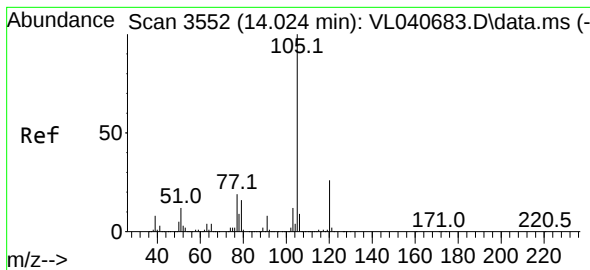
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#60
o-Xylene
Concen: 12.872 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.003 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

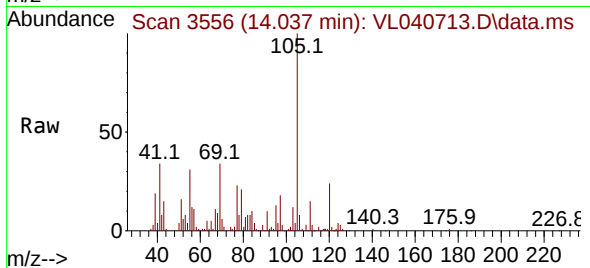
Tgt Ion: 91 Resp: 3439337
Ion Ratio Lower Upper
91 100
106 44.7 22.3 66.9





#62
Isopropylbenzene
Concen: 0.551 ppbv
RT: 14.037 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

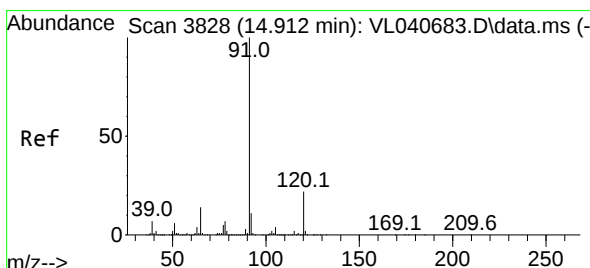
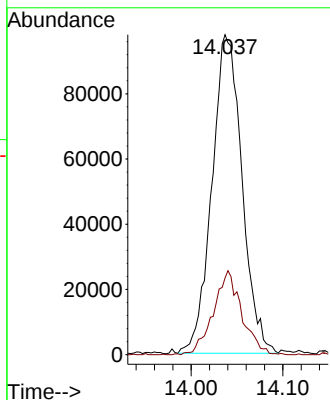
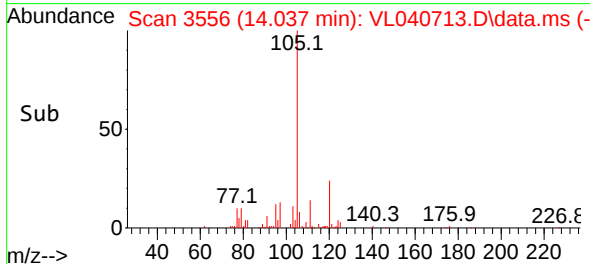
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:105 Resp: 222488
Ion Ratio Lower Upper
105 100
120 24.9 20.2 30.4

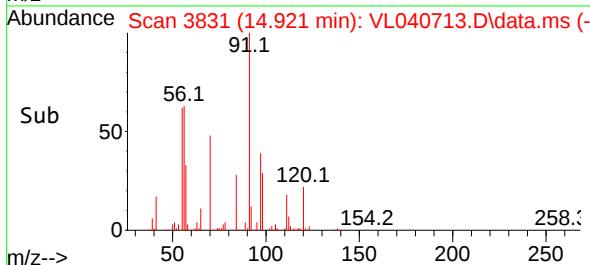
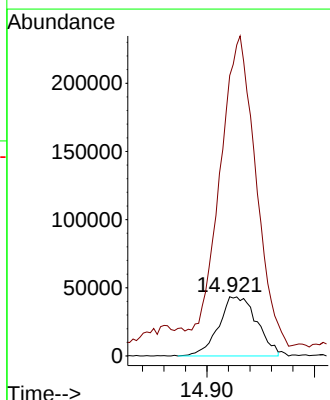
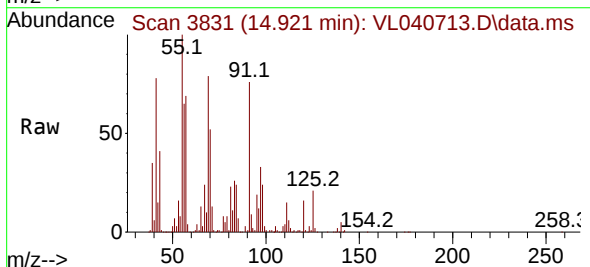
Manual Integrations
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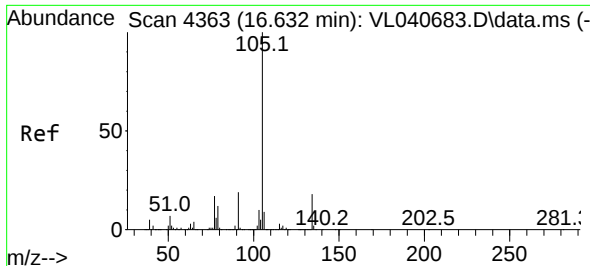
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#64
n-propylbenzene
Concen: 1.060 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.003 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

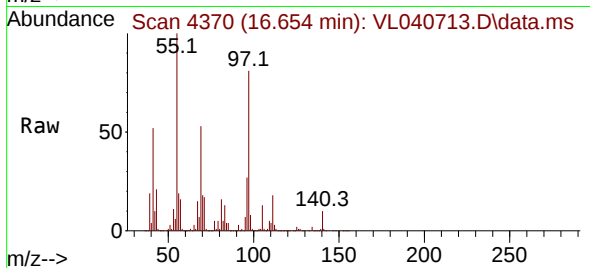
Tgt Ion:120 Resp: 106936
Ion Ratio Lower Upper
120 100
91 503.2 386.9 580.3





#67
 sec-Butylbenzene
 Concen: 0.710 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040713.D
 Acq: 19 Sep 2023 00:25

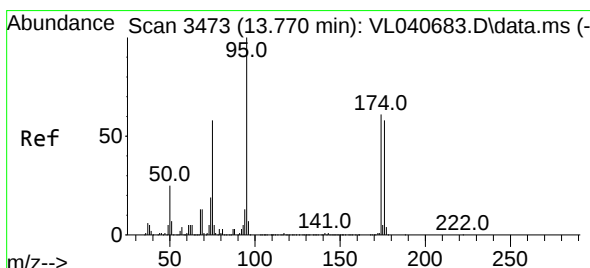
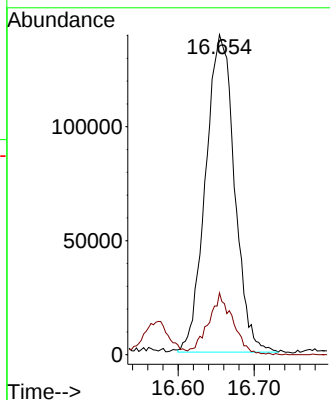
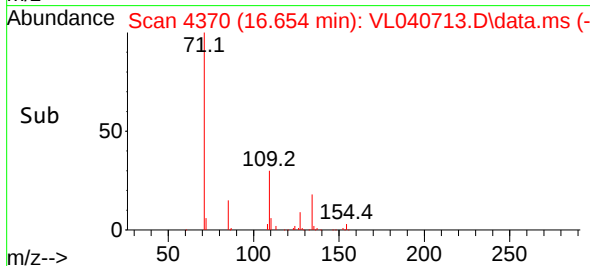
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1



Tgt Ion: 105 Resp: 36828
 Ion Ratio Lower Upper
 105 100
 134 16.7 14.1 21.1

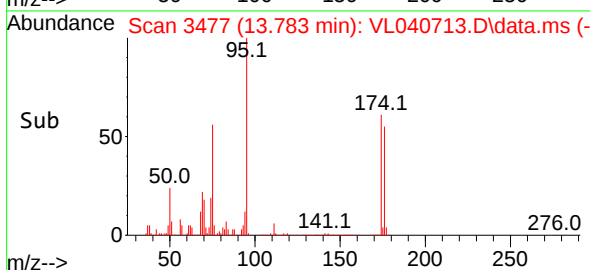
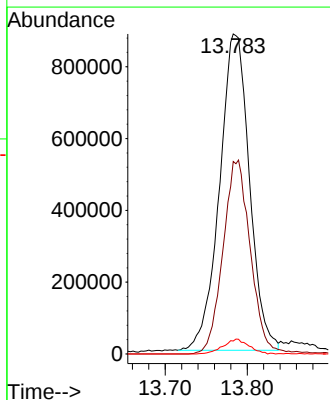
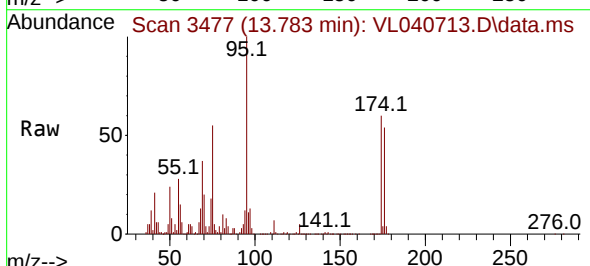
Manual Integrations
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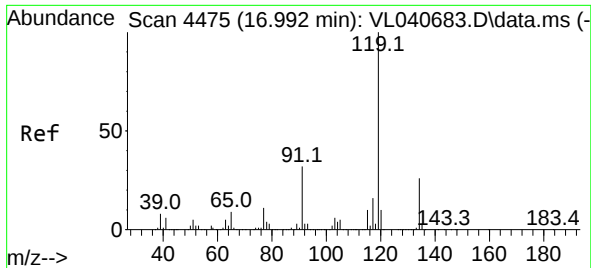
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.055 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VL040713.D
 Acq: 19 Sep 2023 00:25

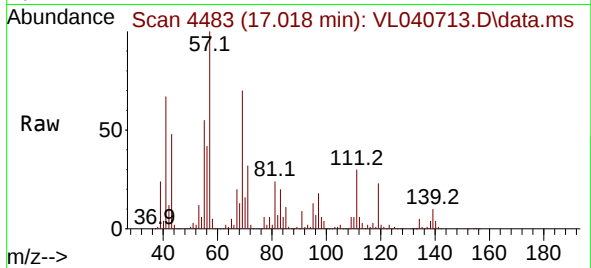
Tgt Ion: 95 Resp: 2235357
 Ion Ratio Lower Upper
 95 100
 174 56.3 48.9 73.3
 175 4.1 3.5 5.3





#69
p-Isopropyltoluene
Concen: 0.909 ppbv m
RT: 17.018 min Scan# 4475
Delta R.T. 0.016 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

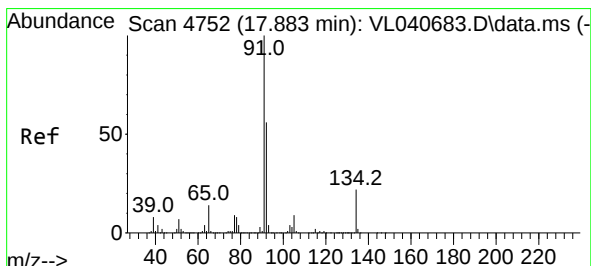
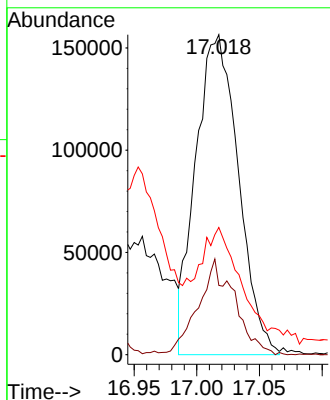
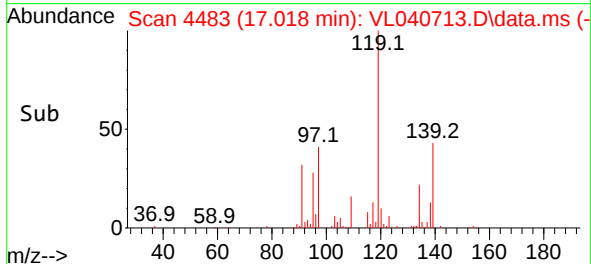
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 119 Resp: 370250
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.2
91 0.0 25.0 37.6

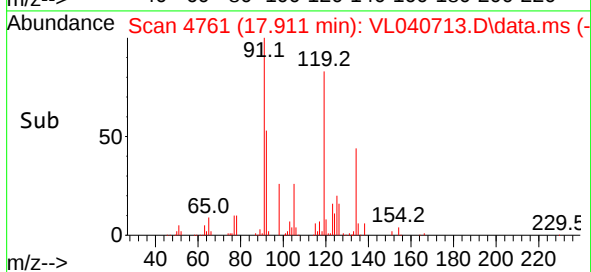
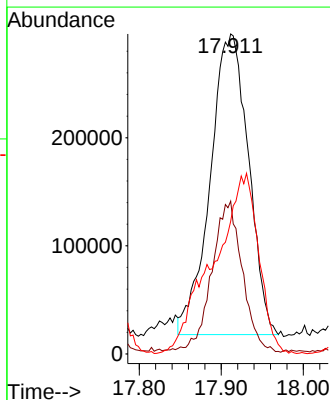
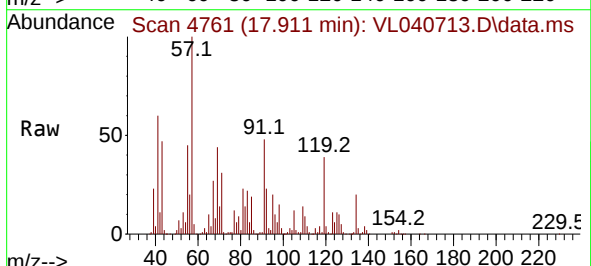
Manual Integrations
APPROVED

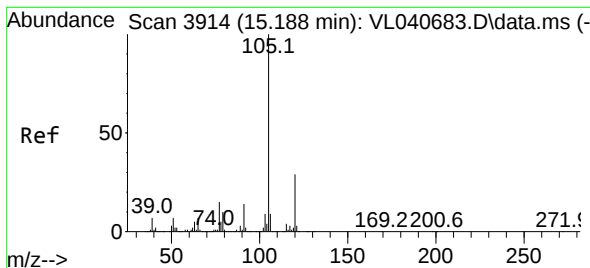
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#70
n-Butylbenzene
Concen: 2.008 ppbv
RT: 17.911 min Scan# 4761
Delta R.T. 0.016 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

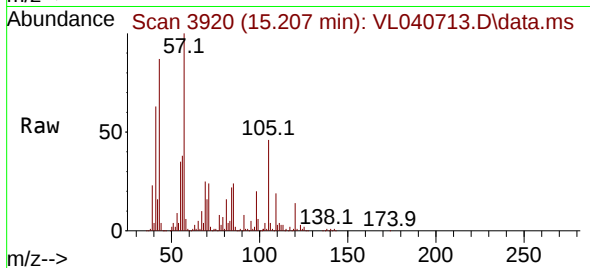
Tgt Ion: 91 Resp: 900342
Ion Ratio Lower Upper
91 100
92 40.8 42.7 64.1#
134 70.4 17.0 25.4#





#72
4-Ethyltoluene
Concen: 1.862 ppbv
RT: 15.207 min Scan# 3914
Delta R.T. 0.006 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

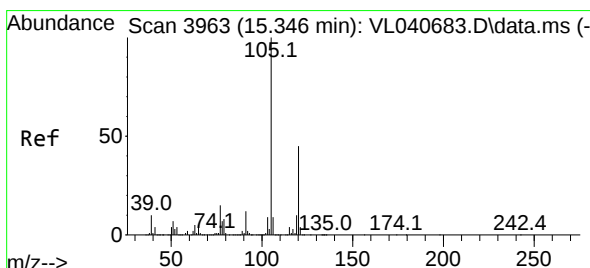
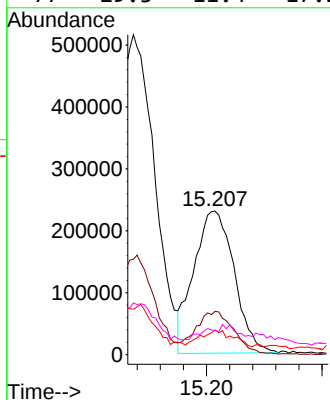
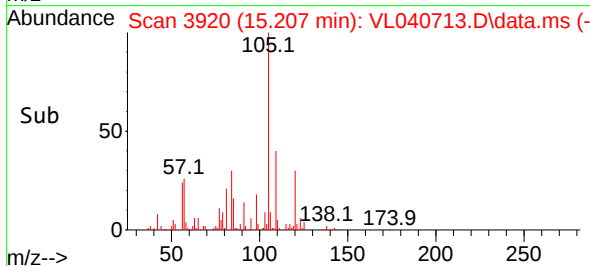
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:105 Resp: 557962
Ion Ratio Lower Upper
105 100
120 29.9 23.9 35.9
91 20.7 11.0 16.4
77 29.3 11.4 17.2#

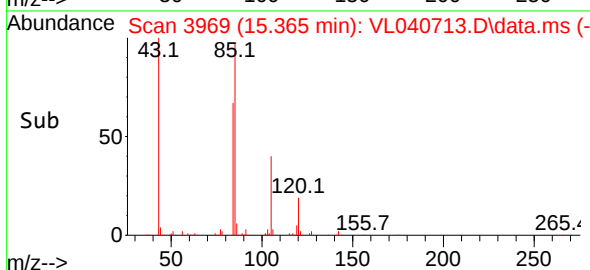
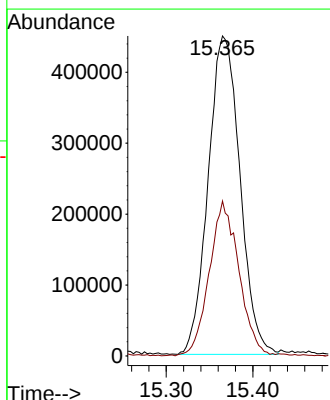
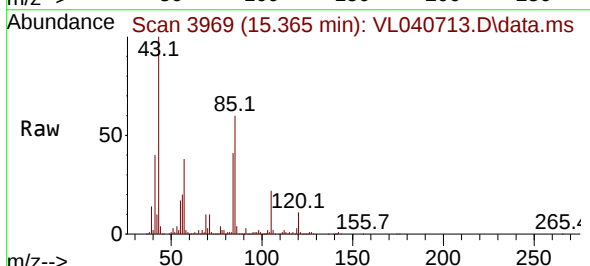
Manual Integrations
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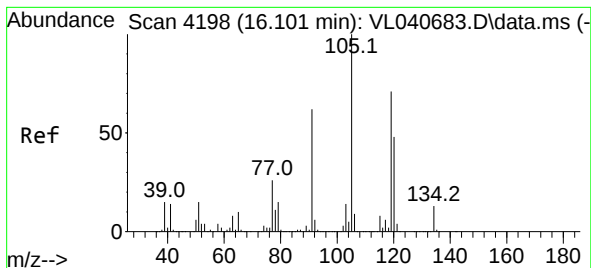
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#73
1,3,5-Trimethylbenzene
Concen: 4.243 ppbv
RT: 15.365 min Scan# 3969
Delta R.T. 0.003 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

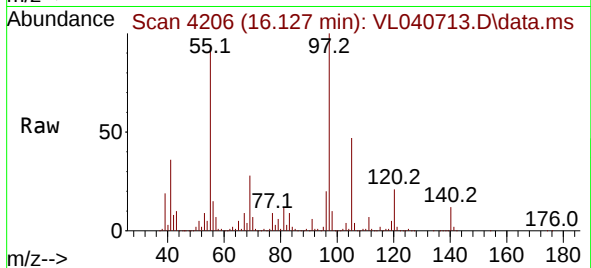
Tgt Ion:105 Resp: 1144846
Ion Ratio Lower Upper
105 100
120 48.3 36.1 54.1





#74
1,2,4-Trimethylbenzene
Concen: 9.846 ppbv
RT: 16.127 min Scan# 4198
Delta R.T. 0.010 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25

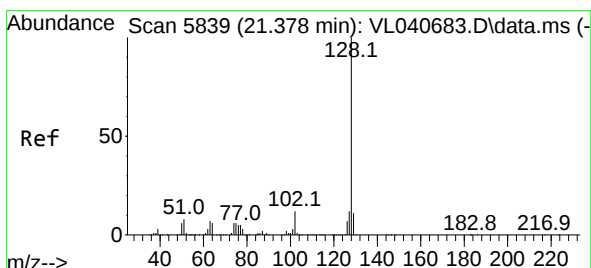
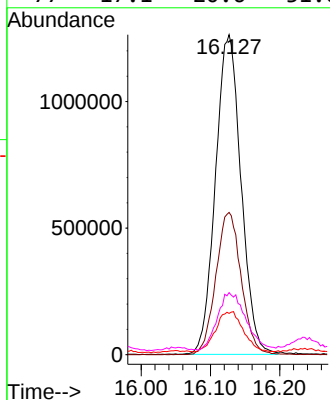
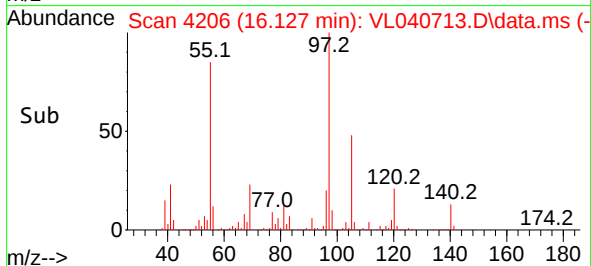
Instrument :
MSVOA_L
ClientSampleId :
IA1



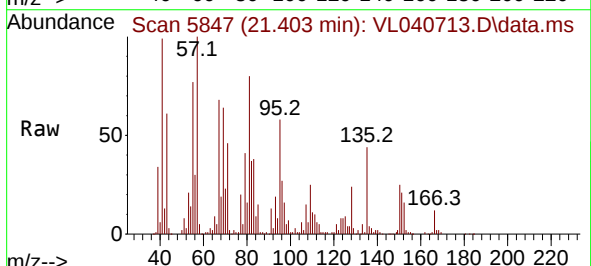
Tgt Ion:105 Resp: 3238420
Ion Ratio Lower Upper
105 100
120 44.4 38.6 57.8
91 11.7 50.0 75.0
77 17.1 20.6 31.0#

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#79
Naphthalene
Concen: 0.961 ppbv
RT: 21.403 min Scan# 5847
Delta R.T. 0.010 min
Lab File: VL040713.D
Acq: 19 Sep 2023 00:25



Tgt Ion:128 Resp: 196619
Ion Ratio Lower Upper
128 100
127 11.5 9.8 14.6
129 11.8 8.4 12.6

