

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040504.D
 Acq On : 23 Jun 2023 12:12
 Operator : SY/MD
 Sample : 03397-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/26/2023
 Supervised By : Mahesh Dadoda 06/27/2023

Quant Time: Jun 26 02:16:34 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

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

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1025983	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2721123	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2451097	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1908202	9.433	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	43538	0.195	ppbv	97
3) Chlorodifluoromethane	2.671	51	27102m	0.161	ppbv	
9) Propene	2.697	41	67802	1.308	ppbv	94
10) Heptane	7.571	43	570360	4.863	ppbv	99
11) Trichlorofluoromethane	3.562	101	736452	4.050	ppbv	99
13) Ethanol	3.230	45	905792	84.410	ppbv	98
15) Acetone	3.465	43	3183317m	25.724	ppbv	
17) tert-Butyl alcohol	3.883	59	61145	0.601	ppbv #	71
19) Isopropyl Alcohol	3.574	45	54361m	0.911	ppbv	
20) Methylene Chloride	3.935	84	160769	3.044	ppbv	97
26) Hexane	5.208	57	856101	8.063	ppbv #	41
27) Carbon Disulfide	4.121	76	389854	2.936	ppbv	97
29) Chloroform	5.272	83	34372	0.190	ppbv	88
30) Cyclohexane	6.600	84	182084m	2.128	ppbv	
32) 1,1,1-Trichloroethane	5.999	97	17773m	0.100	ppbv	
34) 2-Butanone	4.780	43	336535	2.565	ppbv	100
36) Benzene	6.365	78	823182	3.803	ppbv	96
38) Trichloroethene	7.285	130	9113m	0.111	ppbv	
44) 2,2,4-Trimethylpentane	7.323	57	873070	2.468	ppbv #	85
52) Tetrachloroethene	10.606	164	299483	4.407	ppbv	95
53) Toluene	9.214	91	6268754	27.498	ppbv	99
58) Ethyl Benzene	12.079	91	3237195	10.900	ppbv	99
59) m/p-Xylene	12.339	91	9551654	34.996	ppbv	92
60) o-Xylene	13.050	91	3758802	14.520	ppbv	98
61) Styrene	12.889	104	57067	0.512	ppbv	97
62) Isopropylbenzene	14.024	105	865026	2.248	ppbv	99
64) n-propylbenzene	14.908	120	186334	1.907	ppbv	96
67) sec-Butylbenzene	16.629	105	49997m	0.104	ppbv	
69) p-Isopropyltoluene	16.985	119	57176	0.149	ppbv #	65
70) n-Butylbenzene	17.883	91	180714m	0.423	ppbv	
72) 4-Ethyltoluene	15.188	105	1148858m	3.940	ppbv	
73) 1,3,5-Trimethylbenzene	15.342	105	785600	3.048	ppbv	94
74) 1,2,4-Trimethylbenzene	16.098	105	3282051	10.826	ppbv #	72
79) Naphthalene	21.381	128	126420m	0.724	ppbv	
80) Naphthalene,2-methyl-	24.368	142	7256	0.138	ppbv #	63

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

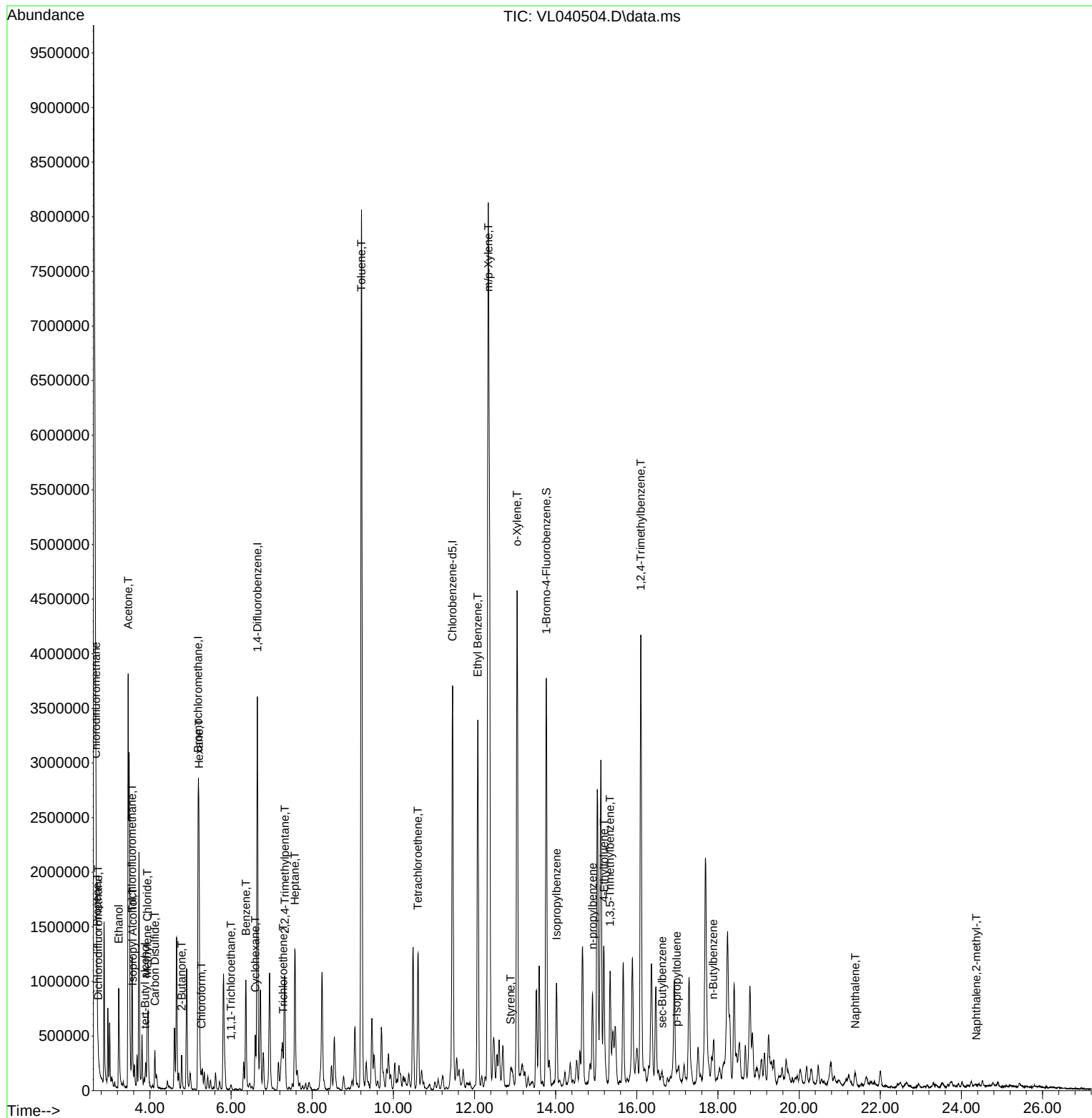
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
Data File : VL040504.D
Acq On : 23 Jun 2023 12:12
Operator : SY/MD
Sample : 03397-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

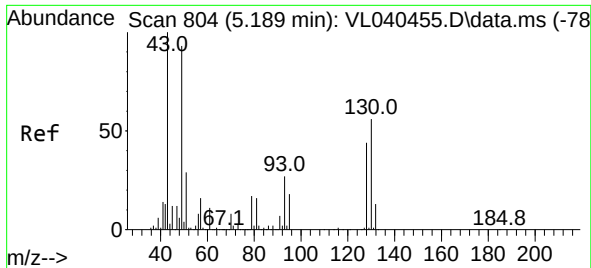
Instrument :
MSVOA_L
ClientSampleId :
SV-4

Quant Time: Jun 26 02:16:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jun 06 06:22:12 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

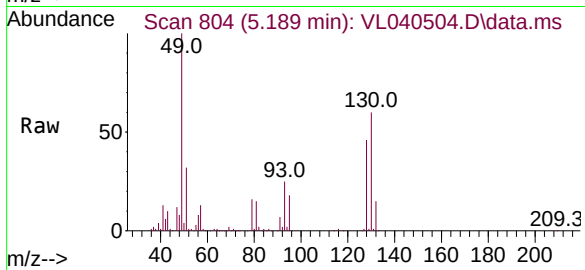
Reviewed By : Semsettin Yesilyurt 06/26/2023
Supervised By : Mahesh Dadoda 06/27/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

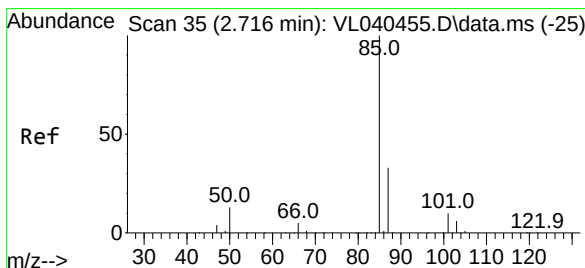
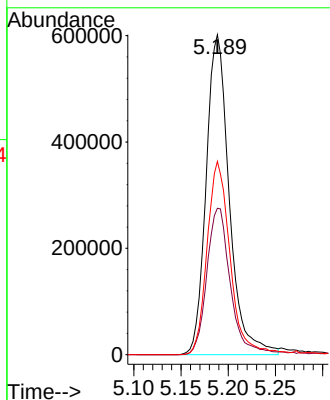
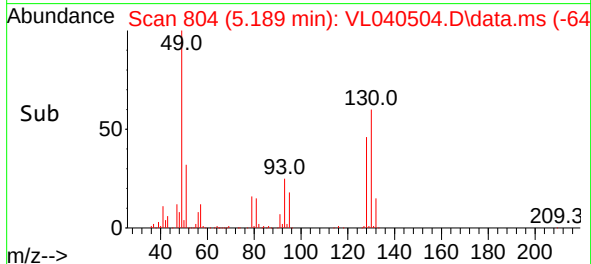
Instrument :
MSVOA_L
ClientSampleId :
SV-4



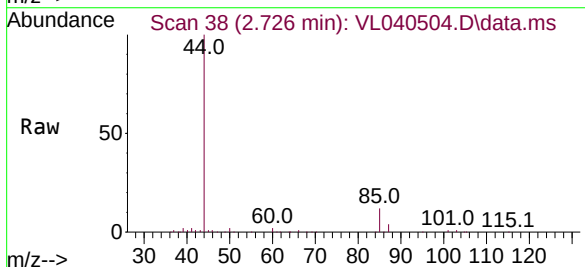
Tgt Ion: 49 Resp: 102598
Ion Ratio Lower Upper
49 100
128 47.6 24.7 74.1
130 61.5 31.4 94.2

Manual Integrations
APPROVED

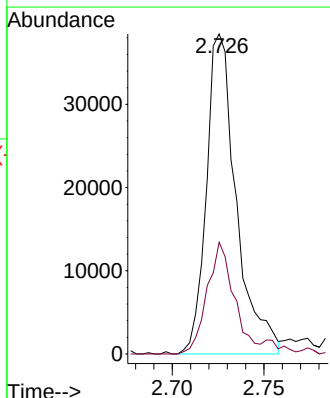
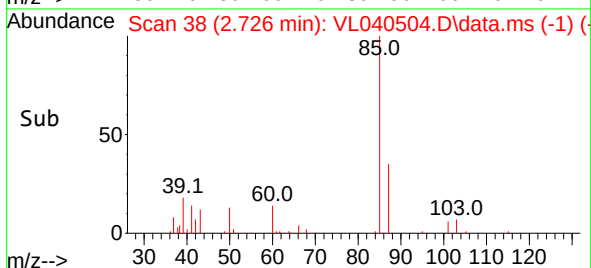
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023

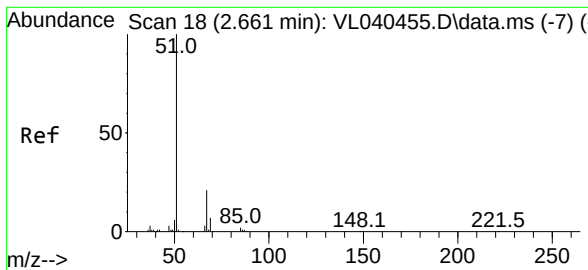


#2
Dichlorodifluoromethane
Concen: 0.195 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.010 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12



Tgt Ion: 85 Resp: 43538
Ion Ratio Lower Upper
85 100
87 34.9 26.6 39.8





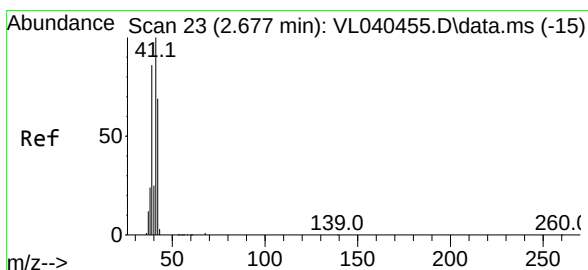
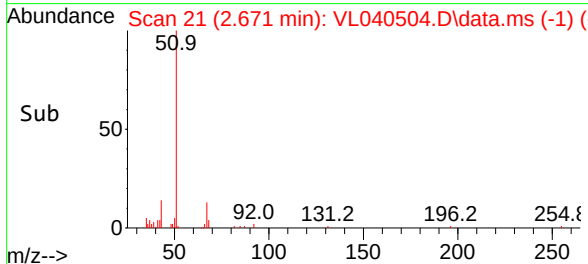
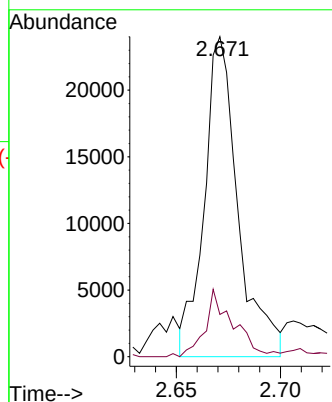
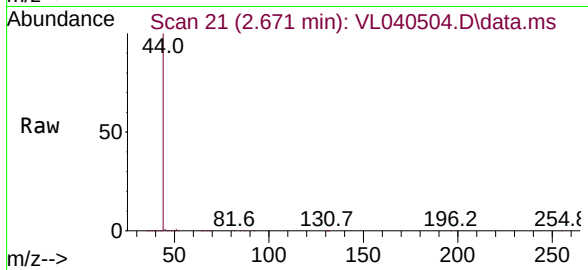
#3
Chlorodifluoromethane
Concen: 0.161 ppbv m
RT: 2.671 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 51 Resp: 2710
Ion Ratio Lower Upper
51 100
67 20.1 16.3 24.5

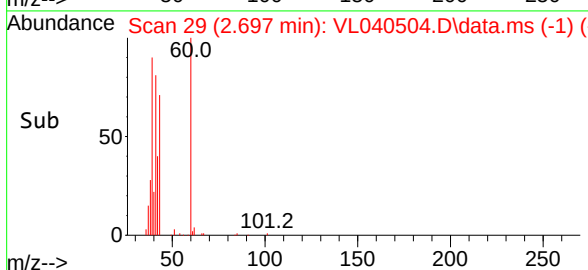
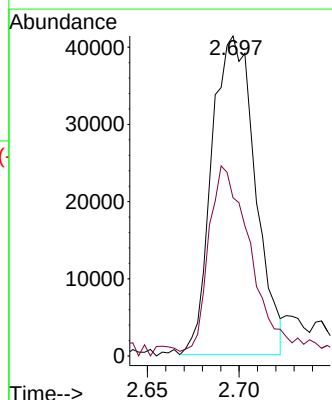
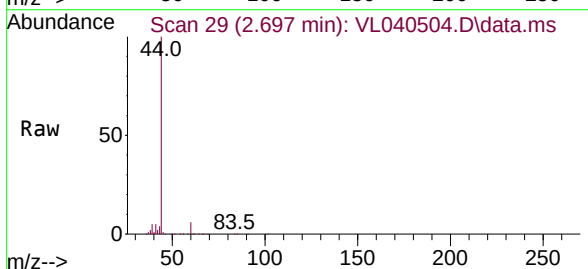
Manual Integrations
APPROVED

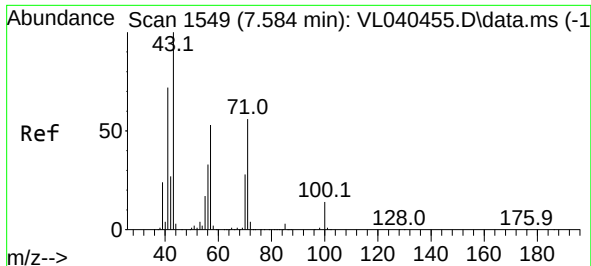
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#9
Propene
Concen: 1.308 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.019 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

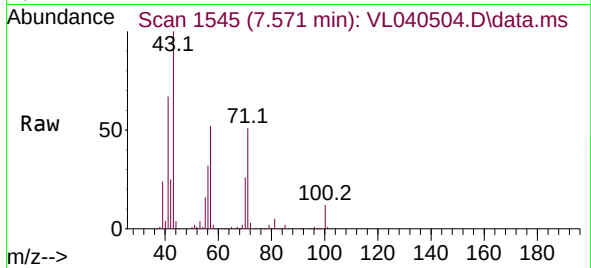
Tgt Ion: 41 Resp: 67802
Ion Ratio Lower Upper
41 100
42 65.7 56.2 84.2





#10
Heptane
Concen: 4.863 ppbv
RT: 7.571 min Scan# 1545
Delta R.T. -0.013 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

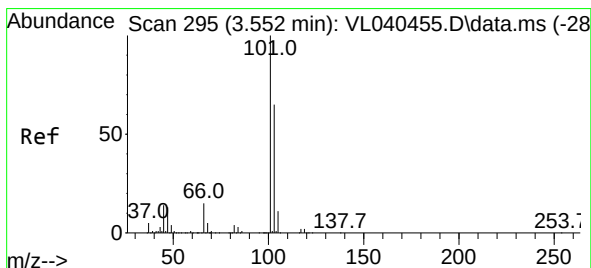
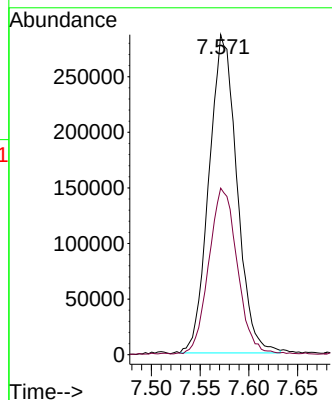
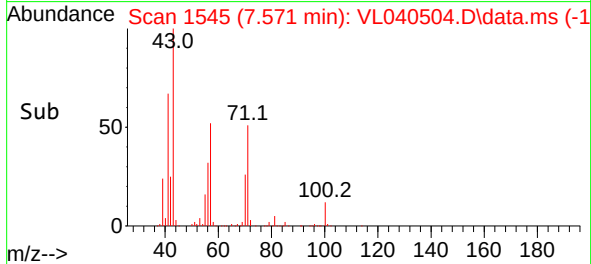
Instrument :
MSVOA_L
ClientSampleId :
SV-4



Tgt Ion: 43 Resp: 570360
Ion Ratio Lower Upper
43 100
57 54.0 42.5 63.7

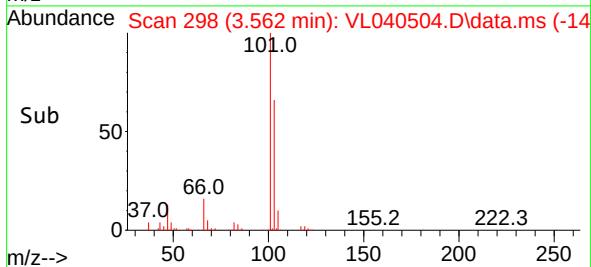
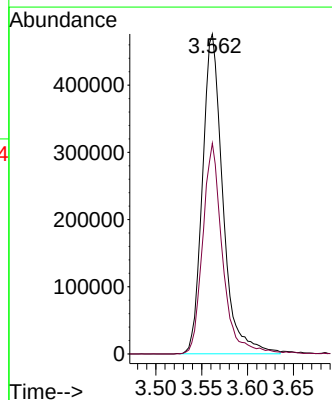
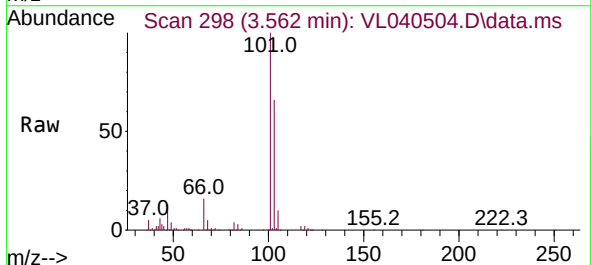
Manual Integrations
APPROVED

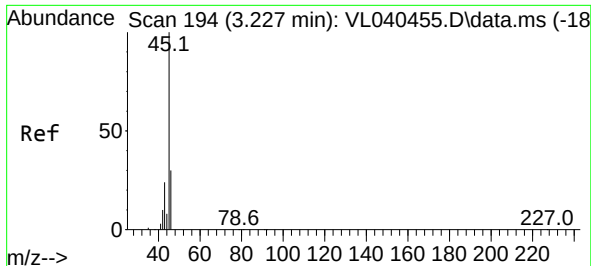
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#11
Trichlorofluoromethane
Concen: 4.050 ppbv
RT: 3.562 min Scan# 298
Delta R.T. 0.010 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

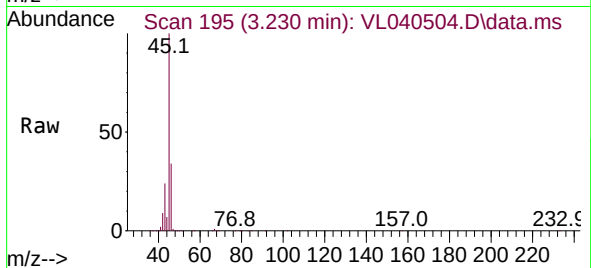
Tgt Ion:101 Resp: 736452
Ion Ratio Lower Upper
101 100
103 65.8 51.7 77.5





#13
Ethanol
Concen: 84.410 ppbv
RT: 3.230 min Scan# 194
Delta R.T. 0.003 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

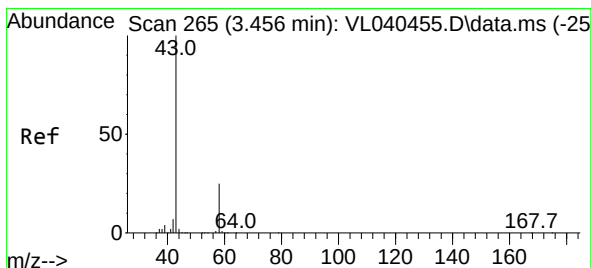
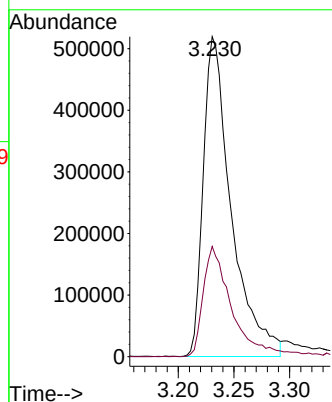
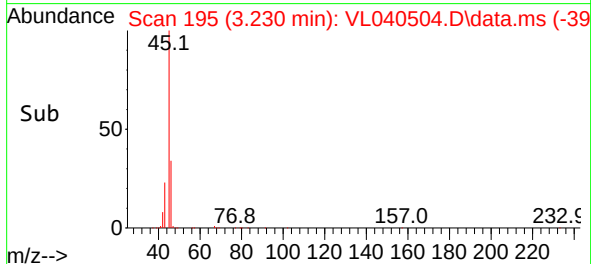
Instrument :
MSVOA_L
ClientSampleId :
SV-4



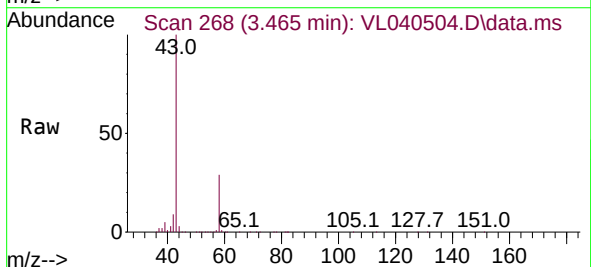
Tgt Ion: 45 Resp: 905792
Ion Ratio Lower Upper
45 100
46 37.3 14.5 58.1

Manual Integrations
APPROVED

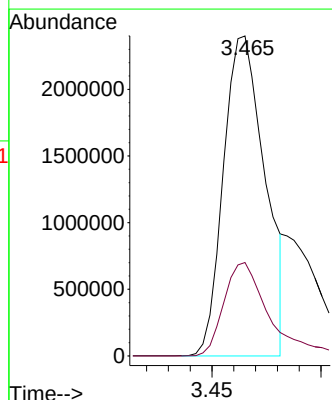
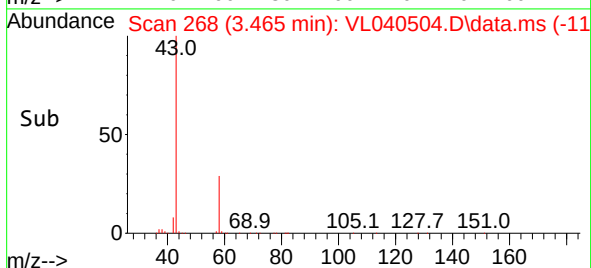
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023

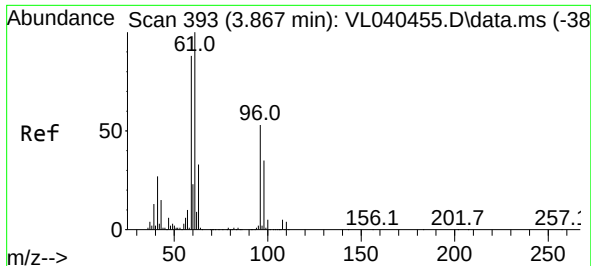


#15
Acetone
Concen: 25.724 ppbv m
RT: 3.465 min Scan# 268
Delta R.T. 0.010 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12



Tgt Ion: 43 Resp: 3183317
Ion Ratio Lower Upper
43 100
58 33.4 21.6 32.4#





#17

tert-Butyl alcohol

Concen: 0.601 ppbv

RT: 3.883 min Scan# 301

Delta R.T. 0.016 min

Lab File: VL040504.D

Acq: 23 Jun 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

SV-4

Tgt Ion: 59 Resp: 6114

Ion Ratio Lower Upper

59 100

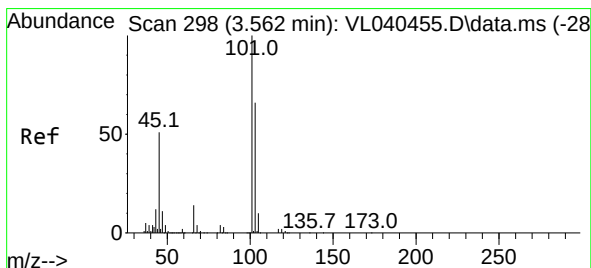
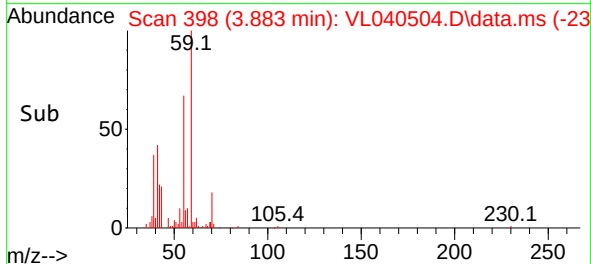
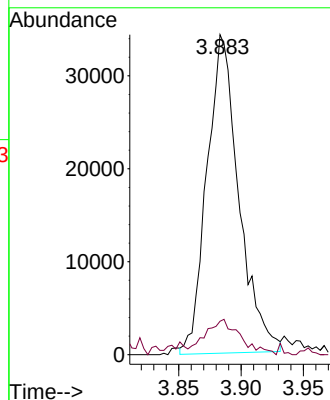
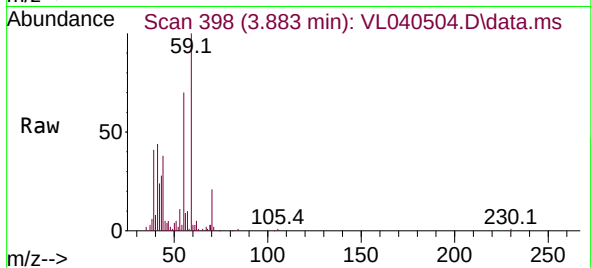
57 0.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2023

Supervised By :Mahesh Dadoda 06/27/2023



#19

Isopropyl Alcohol

Concen: 0.911 ppbv m

RT: 3.574 min Scan# 302

Delta R.T. 0.013 min

Lab File: VL040504.D

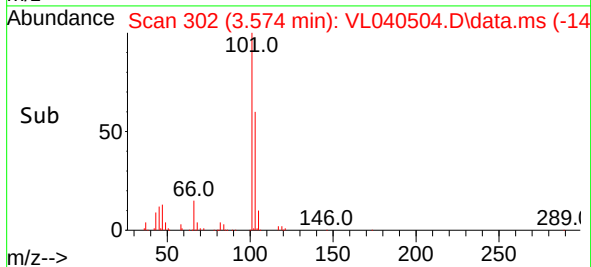
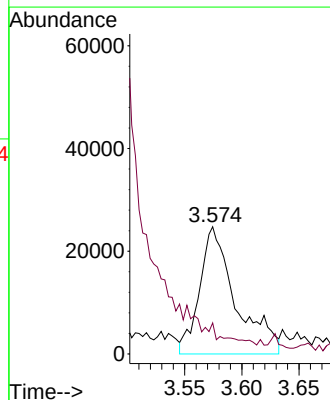
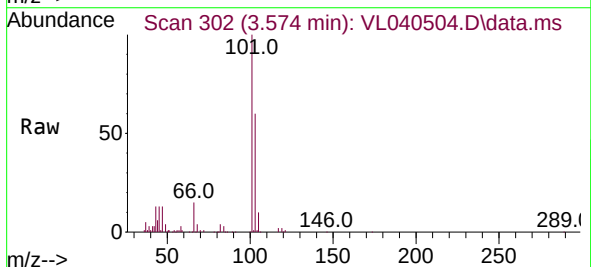
Acq: 23 Jun 2023 12:12

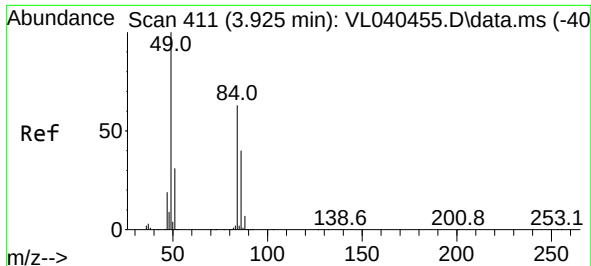
Tgt Ion: 45 Resp: 54361

Ion Ratio Lower Upper

45 100

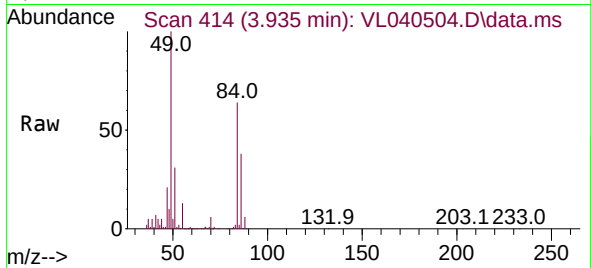
58 1953.6 2.6 4.0#





#20
Methylene Chloride
Concen: 3.044 ppbv
RT: 3.935 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

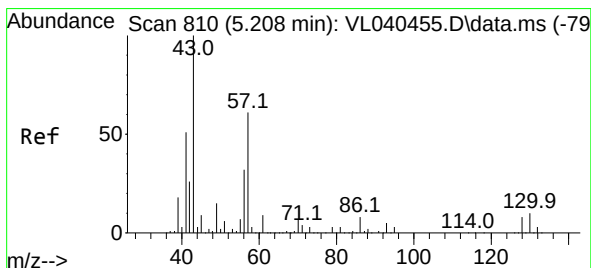
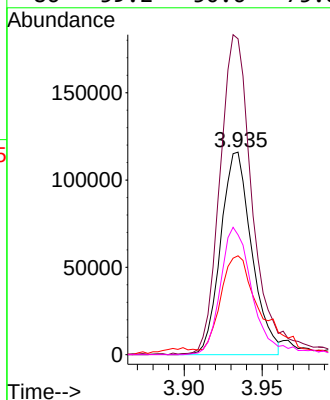
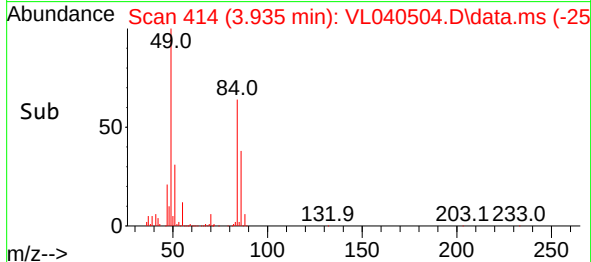
Instrument :
MSVOA_L
ClientSampleId :
SV-4



Tgt Ion: 84 Resp: 160769
Ion Ratio Lower Upper
84 100
49 155.7 126.2 189.2
51 46.2 38.7 58.1
86 59.2 50.6 75.8

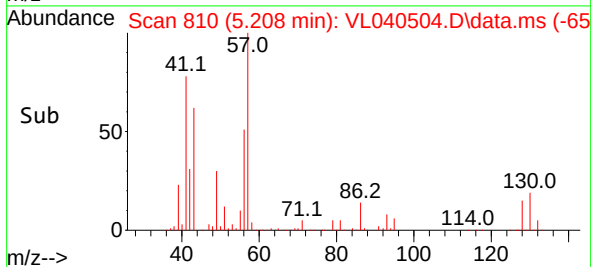
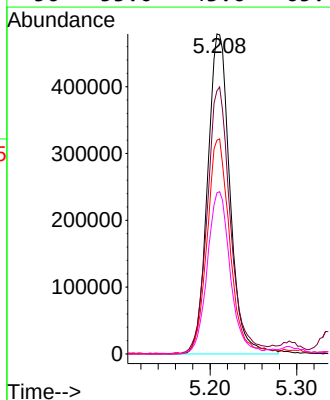
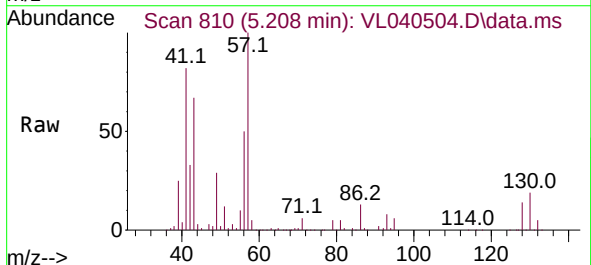
Manual Integrations
APPROVED

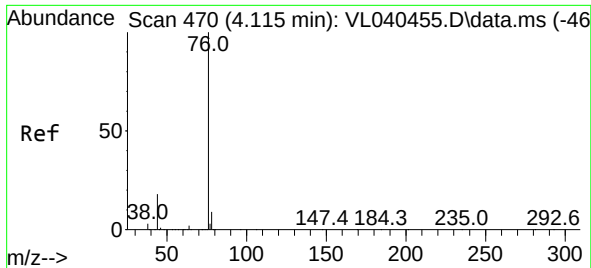
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#26
Hexane
Concen: 8.063 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

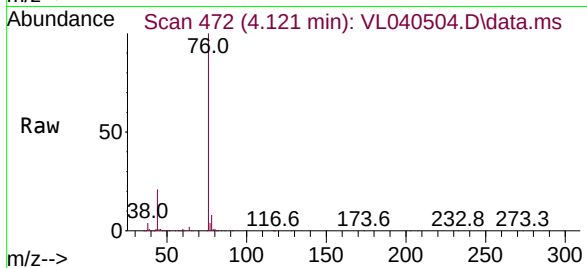
Tgt Ion: 57 Resp: 856101
Ion Ratio Lower Upper
57 100
41 86.7 73.0 109.6
43 68.3 177.5 266.3#
56 53.0 43.6 65.4





#27
Carbon Disulfide
Concen: 2.936 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

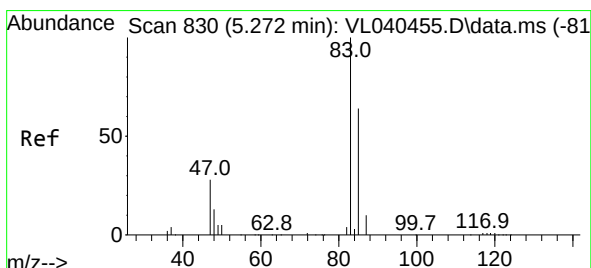
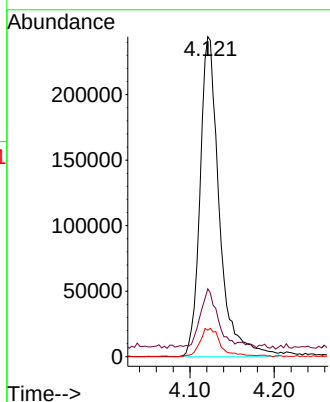
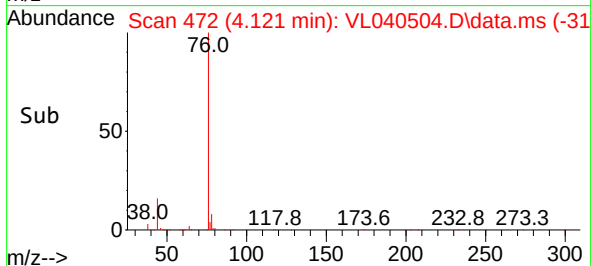
Instrument :
MSVOA_L
ClientSampleId :
SV-4



Tgt Ion: 76 Resp: 389854
Ion Ratio Lower Upper
76 100
44 20.4 14.6 22.0
78 9.8 7.6 11.4

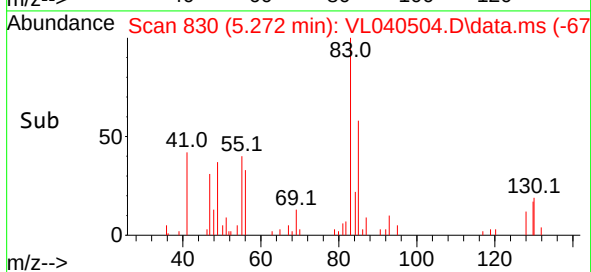
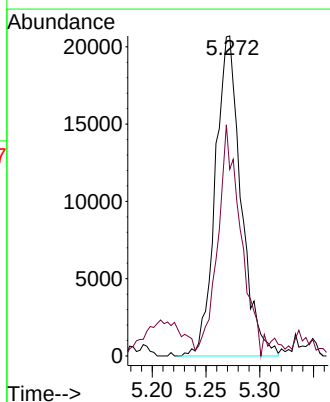
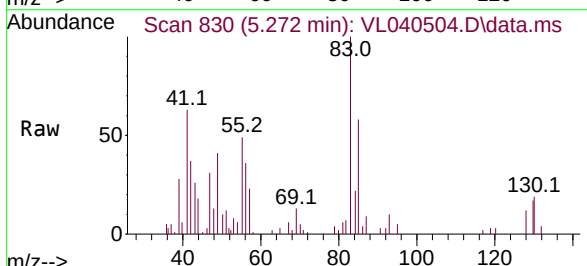
Manual Integrations
APPROVED

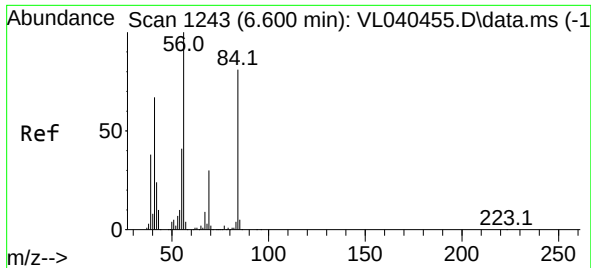
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#29
Chloroform
Concen: 0.190 ppbv
RT: 5.272 min Scan# 830
Delta R.T. -0.000 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

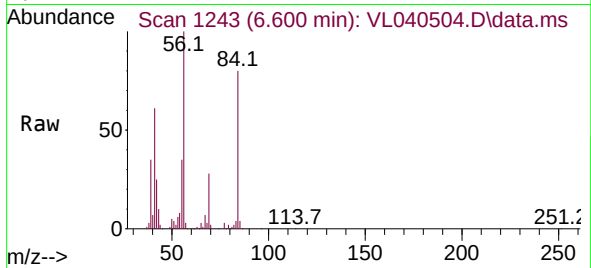
Tgt Ion: 83 Resp: 34372
Ion Ratio Lower Upper
83 100
85 54.7 51.1 76.7





#30
Cyclohexane
Concen: 2.128 ppbv m
RT: 6.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

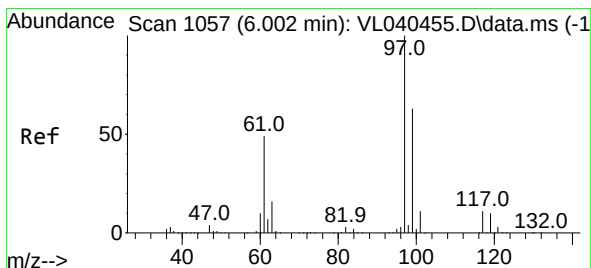
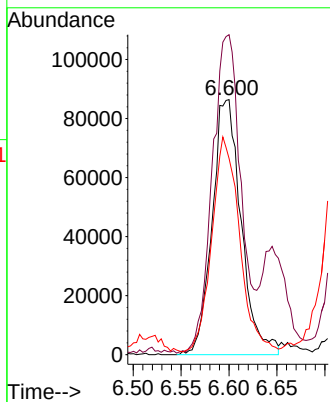
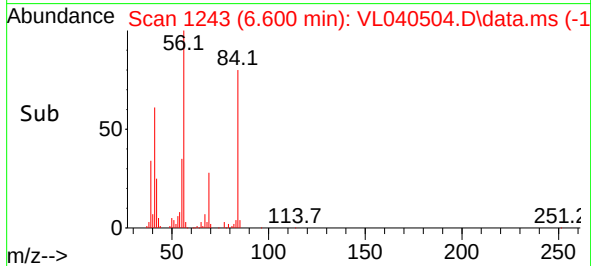
Instrument :
MSVOA_L
ClientSampleId :
SV-4



Tgt Ion: 84 Resp: 182084
Ion Ratio Lower Upper
84 100
56 124.5 106.0 159.0
41 0.0 66.8 100.2

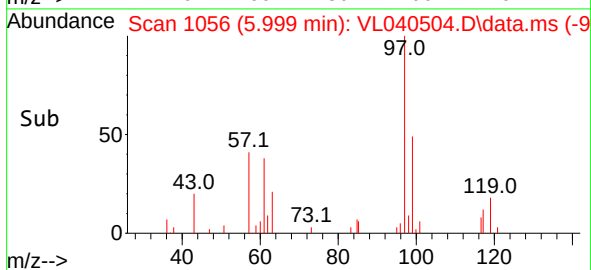
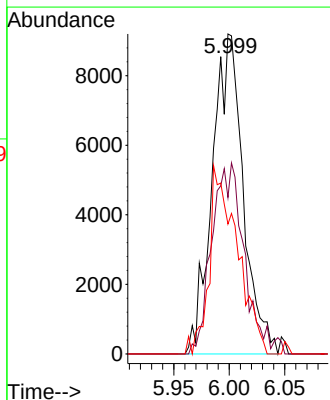
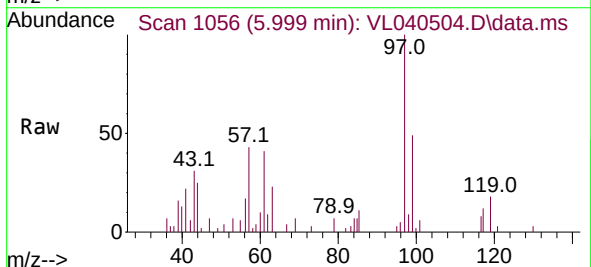
Manual Integrations
APPROVED

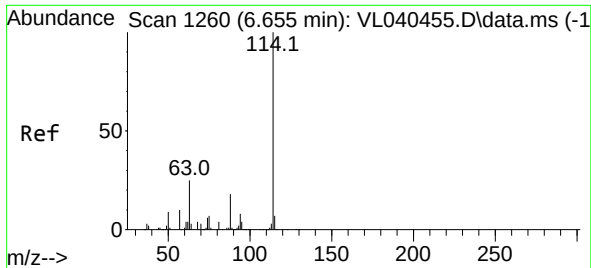
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#32
1,1,1-Trichloroethane
Concen: 0.100 ppbv m
RT: 5.999 min Scan# 1056
Delta R.T. -0.003 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

Tgt Ion: 97 Resp: 17773
Ion Ratio Lower Upper
97 100
99 62.8 51.5 77.3
61 0.0 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VL040504.D

Acq: 23 Jun 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

SV-4

Tgt Ion:114 Resp: 272112

Ion Ratio Lower Upper

114 100

63 24.7 21.0 31.6

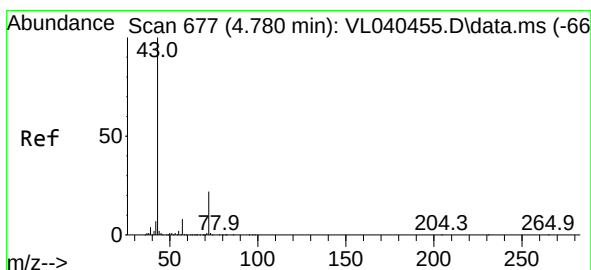
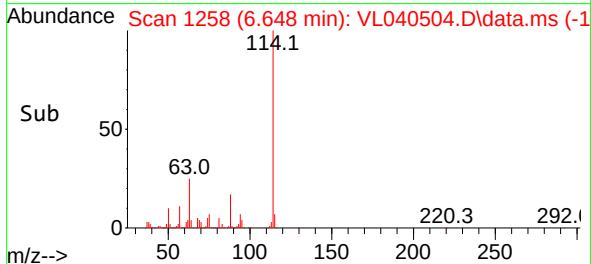
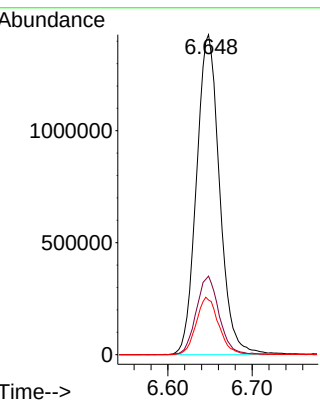
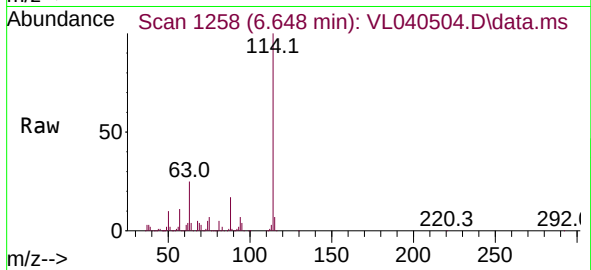
88 17.7 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2023

Supervised By :Mahesh Dadoda 06/27/2023



#34

2-Butanone

Concen: 2.565 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.000 min

Lab File: VL040504.D

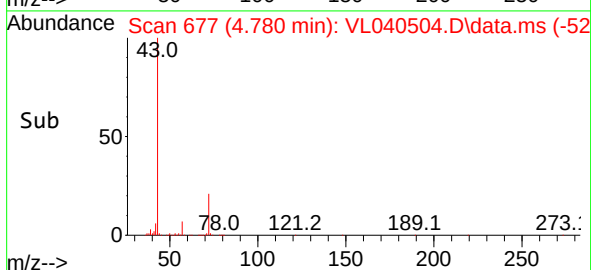
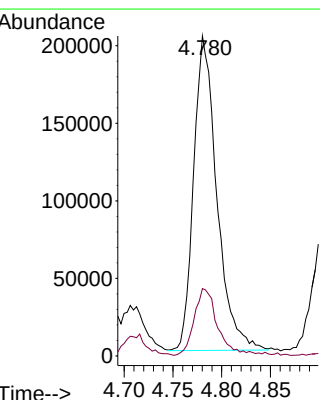
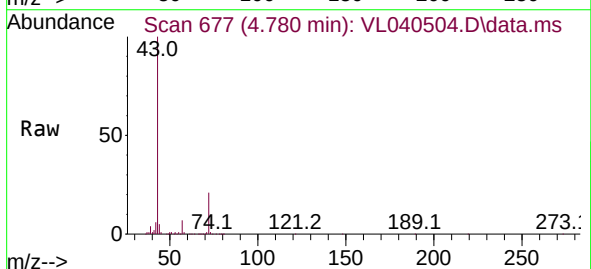
Acq: 23 Jun 2023 12:12

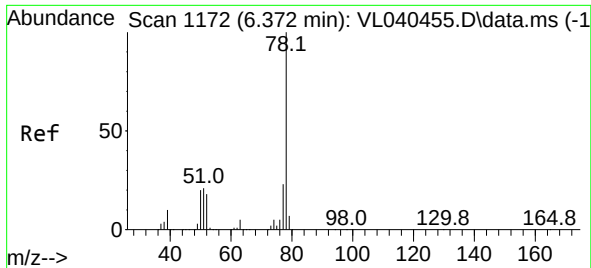
Tgt Ion: 43 Resp: 336535

Ion Ratio Lower Upper

43 100

72 22.5 18.1 27.1





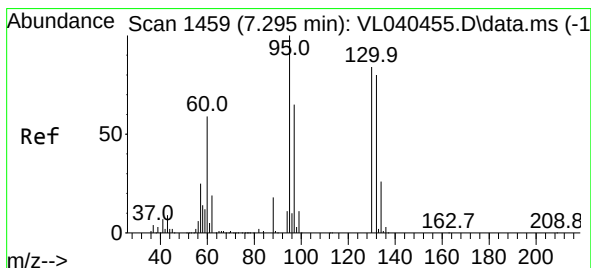
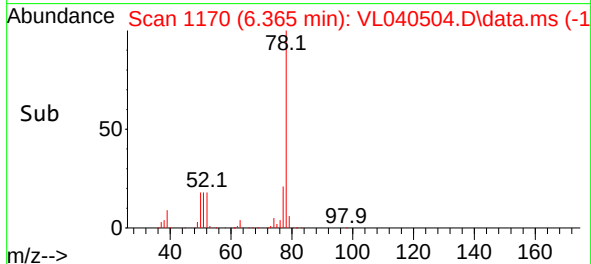
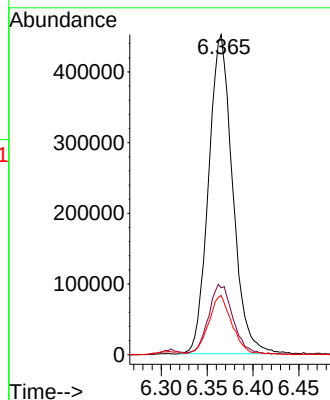
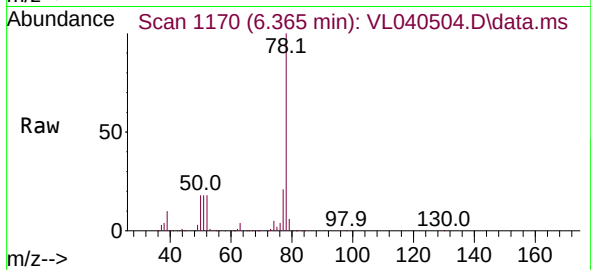
#36
Benzene
Concen: 3.803 ppbv
RT: 6.365 min Scan# 1172
Delta R.T. -0.007 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 78 Resp: 82318
Ion Ratio Lower Upper
78 100
77 20.7 18.5 27.7
50 18.3 16.1 24.1

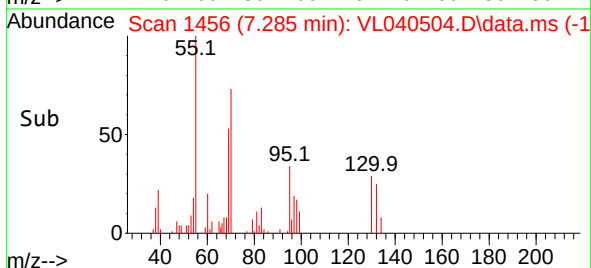
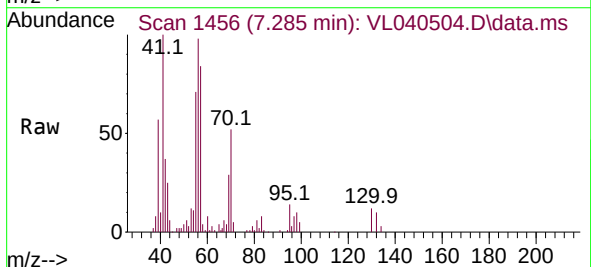
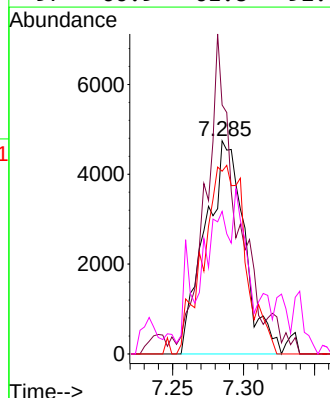
Manual Integrations
APPROVED

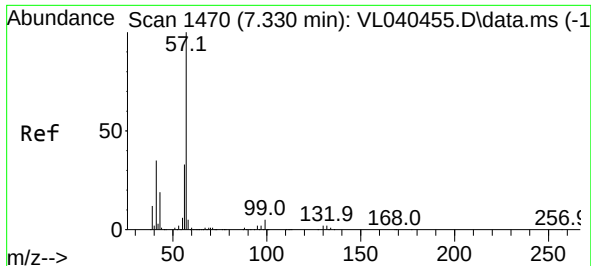
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#38
Trichloroethene
Concen: 0.111 ppbv m
RT: 7.285 min Scan# 1456
Delta R.T. -0.010 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

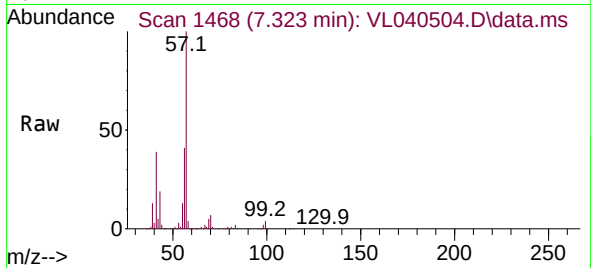
Tgt Ion:130 Resp: 9113
Ion Ratio Lower Upper
130 100
95 116.9 95.4 143.0
132 85.7 76.3 114.5
97 66.9 61.8 92.6





#44
2,2,4-Trimethylpentane
Concen: 2.468 ppbv
RT: 7.323 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

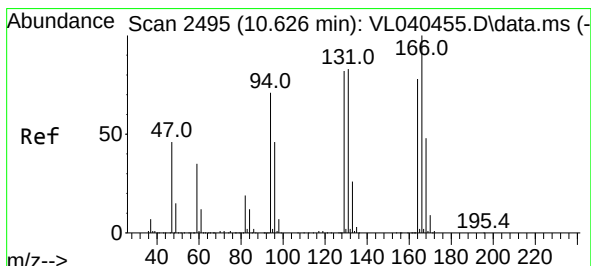
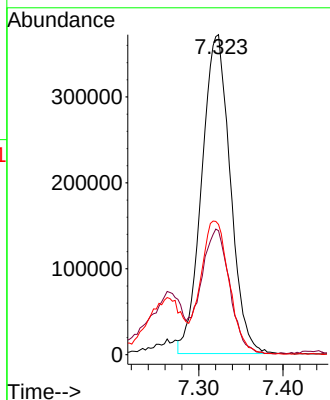
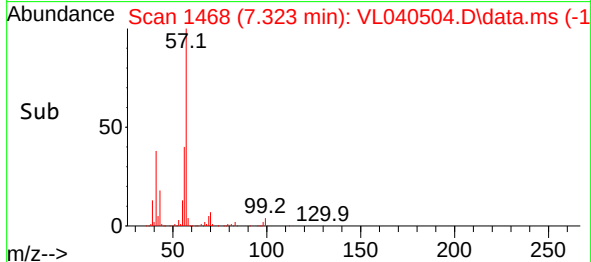
Instrument :
MSVOA_L
ClientSampleId :
SV-4



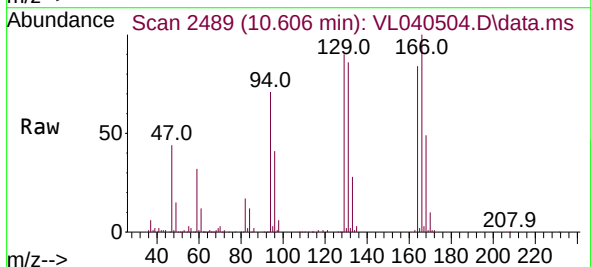
Tgt Ion: 57 Resp: 873070
Ion Ratio Lower Upper
57 100
41 40.3 27.8 41.8
56 42.8 25.3 37.9

Manual Integrations
APPROVED

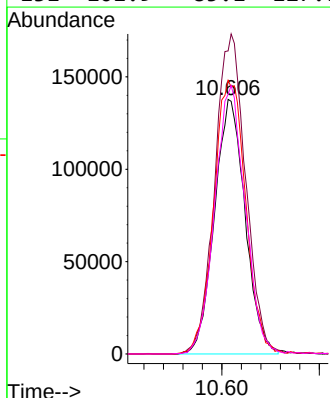
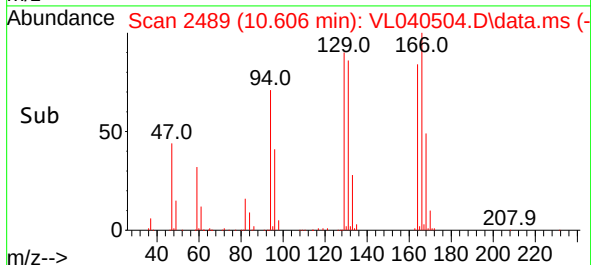
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023

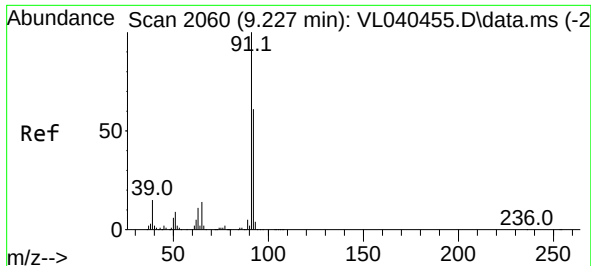


#52
Tetrachloroethene
Concen: 4.407 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.019 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12



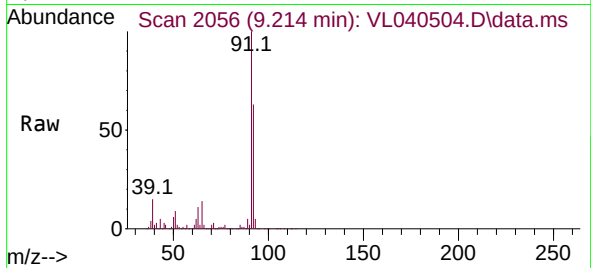
Tgt Ion:164 Resp: 299483
Ion Ratio Lower Upper
164 100
166 119.0 102.7 154.1
129 107.2 84.6 126.8
131 101.9 85.1 127.7





#53
Toluene
Concen: 27.498 ppbv
RT: 9.214 min Scan# 2060
Delta R.T. -0.013 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

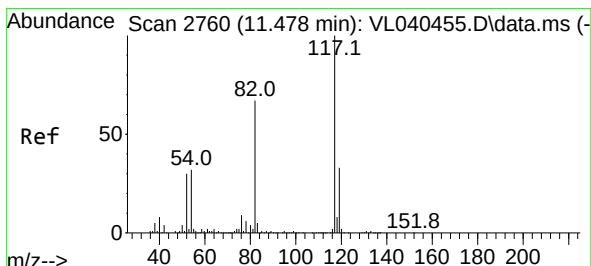
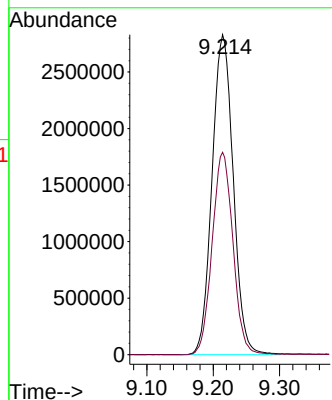
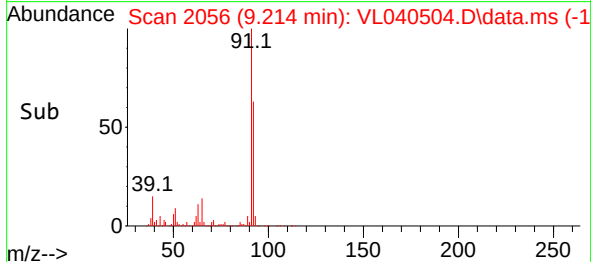
Instrument :
MSVOA_L
ClientSampleId :
SV-4



Tgt Ion: 91 Resp: 6268754
Ion Ratio Lower Upper
91 100
92 62.5 49.1 73.7

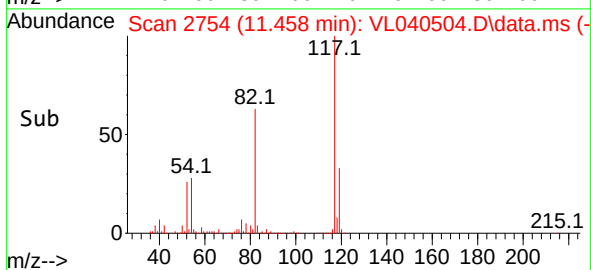
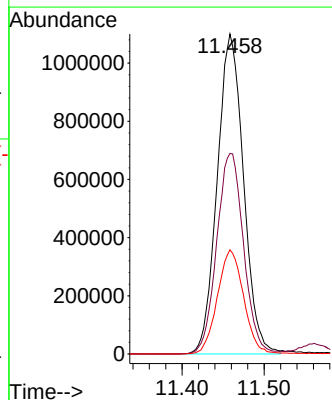
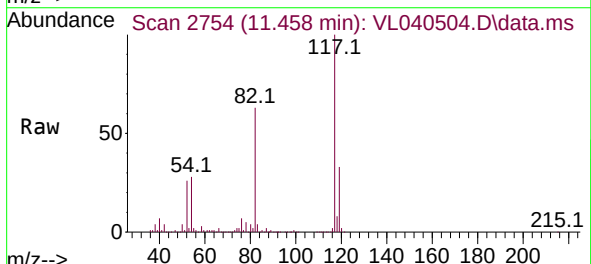
Manual Integrations
APPROVED

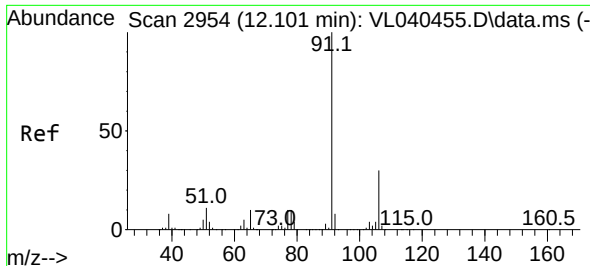
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. -0.019 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

Tgt Ion:117 Resp: 2451097
Ion Ratio Lower Upper
117 100
82 64.2 53.0 79.4
119 32.7 24.4 36.6





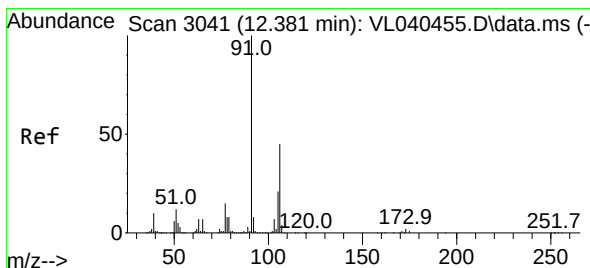
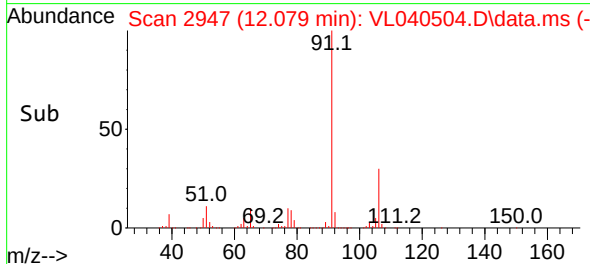
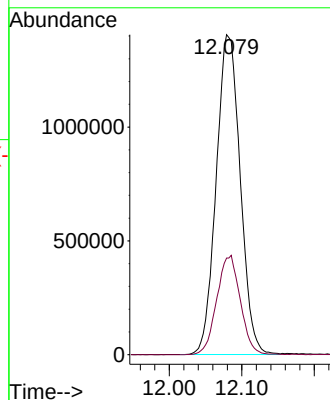
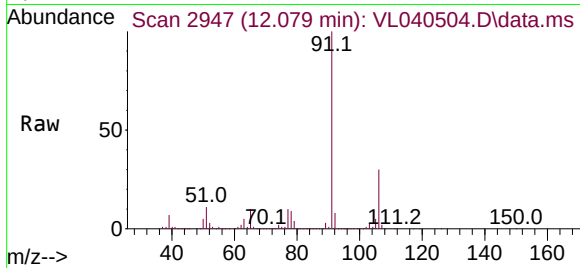
#58
Ethyl Benzene
Concen: 10.900 ppbv
RT: 12.079 min Scan# 2954
Delta R.T. -0.023 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 91 Resp: 323719
Ion Ratio Lower Upper
91 100
106 30.2 23.7 35.5

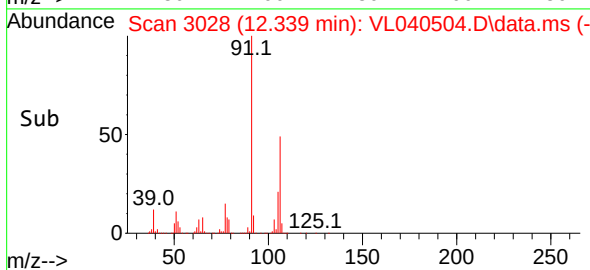
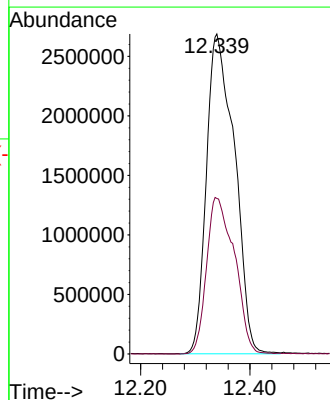
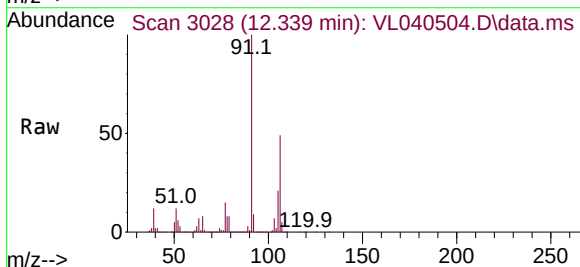
Manual Integrations
APPROVED

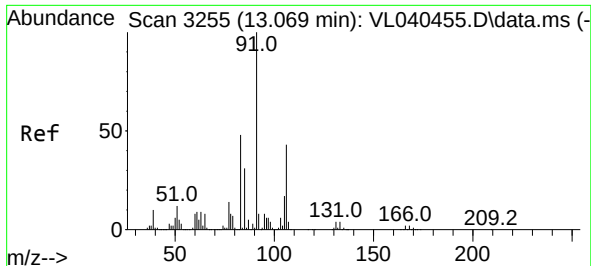
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#59
m/p-Xylene
Concen: 34.996 ppbv
RT: 12.339 min Scan# 3028
Delta R.T. -0.042 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

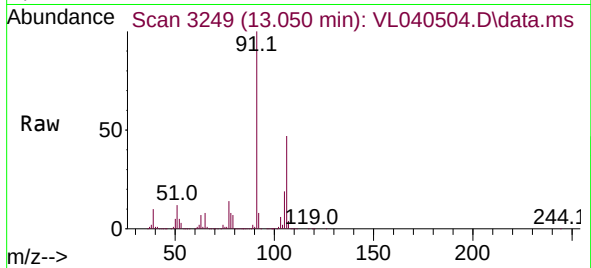
Tgt Ion: 91 Resp: 9551654
Ion Ratio Lower Upper
91 100
106 48.7 34.6 52.0





#60
o-Xylene
Concen: 14.520 ppbv
RT: 13.050 min Scan# 3199
Delta R.T. -0.019 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

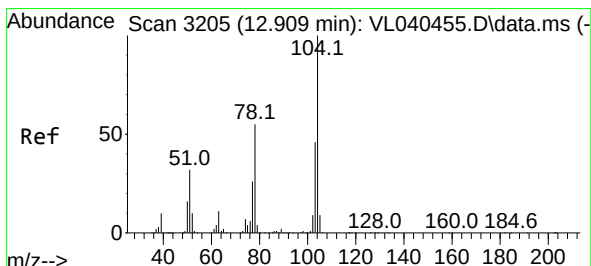
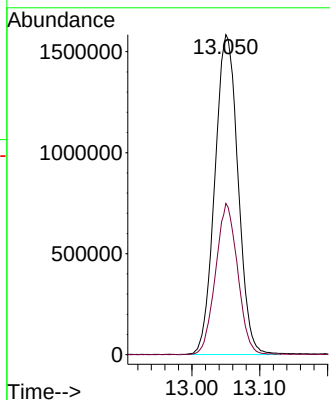
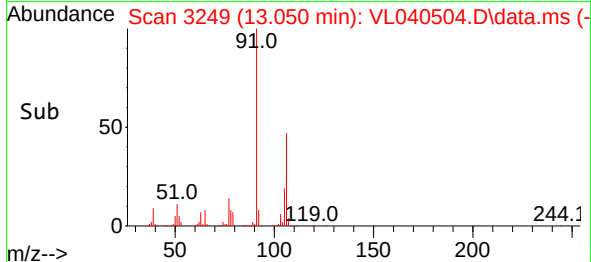
Instrument :
MSVOA_L
ClientSampleId :
SV-4



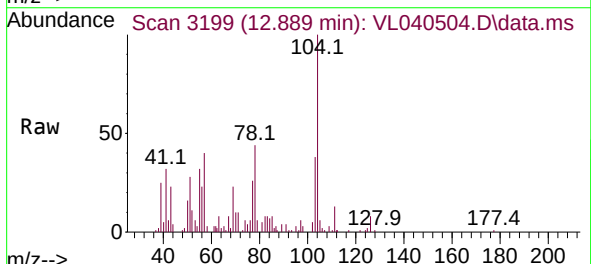
Tgt Ion: 91 Resp: 375880
Ion Ratio Lower Upper
91 100
106 45.3 22.1 66.1

Manual Integrations
APPROVED

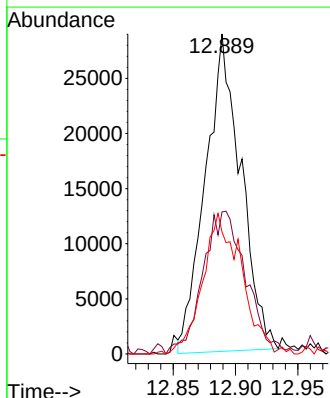
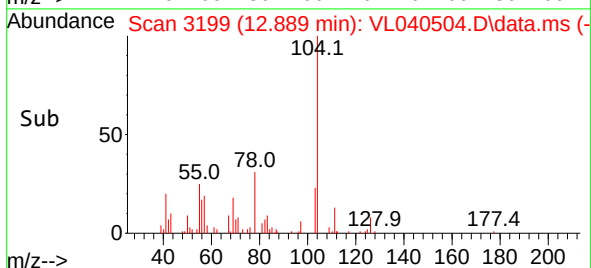
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023

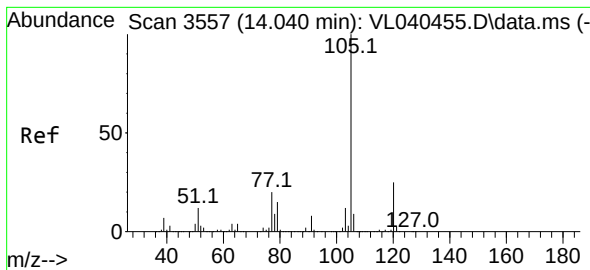


#61
Styrene
Concen: 0.512 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. -0.019 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12



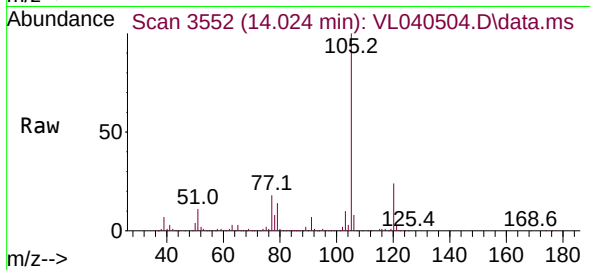
Tgt Ion:104 Resp: 57067
Ion Ratio Lower Upper
104 100
78 55.4 43.1 64.7
103 48.7 37.1 55.7





#62
Isopropylbenzene
Concen: 2.248 ppbv
RT: 14.024 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

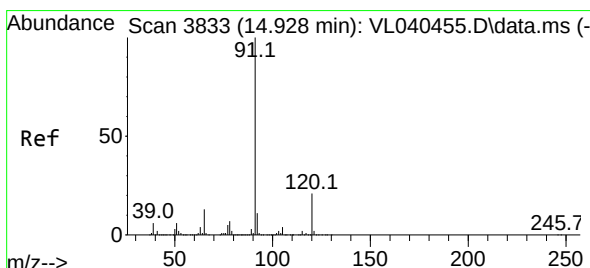
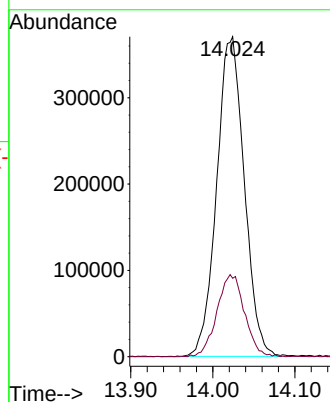
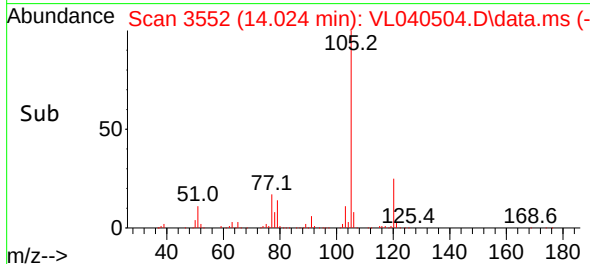
Instrument :
MSVOA_L
ClientSampleId :
SV-4



Tgt Ion:105 Resp: 865020
Ion Ratio Lower Upper
105 100
120 25.7 20.2 30.4

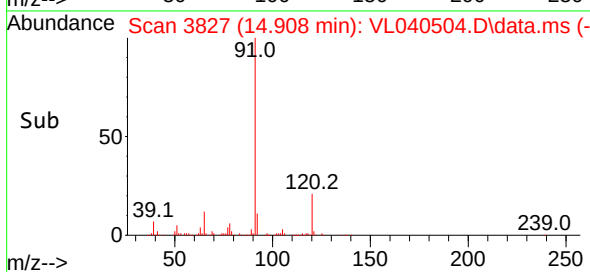
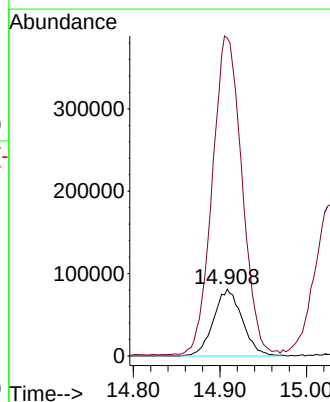
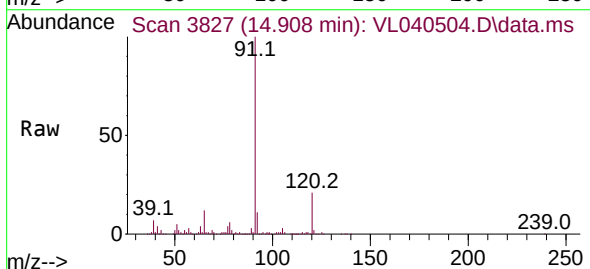
Manual Integrations
APPROVED

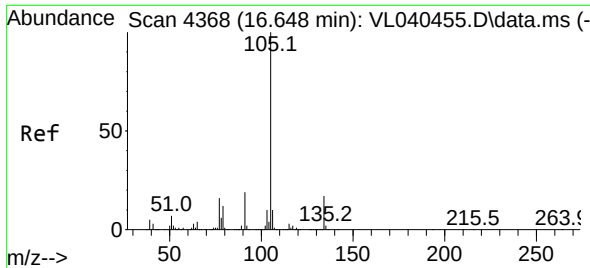
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#64
n-propylbenzene
Concen: 1.907 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.019 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

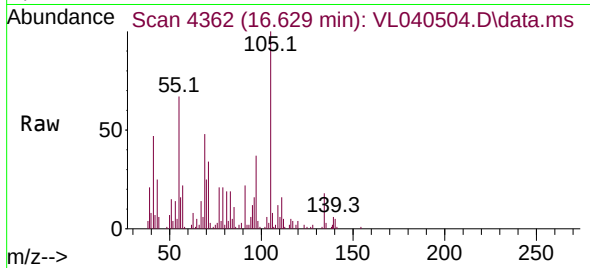
Tgt Ion:120 Resp: 186334
Ion Ratio Lower Upper
120 100
91 495.3 388.5 582.7





#67
 sec-Butylbenzene
 Concen: 0.104 ppbv m
 RT: 16.629 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040504.D
 Acq: 23 Jun 2023 12:12

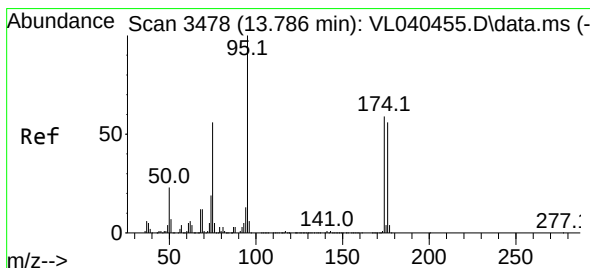
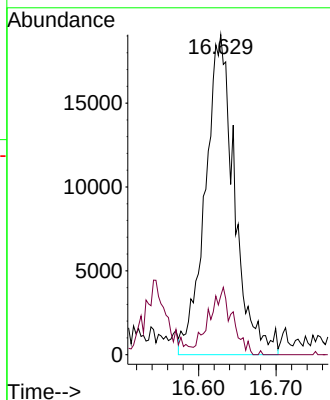
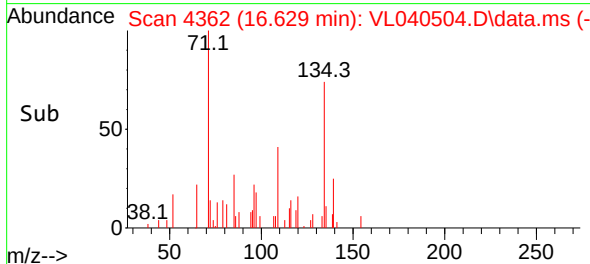
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4



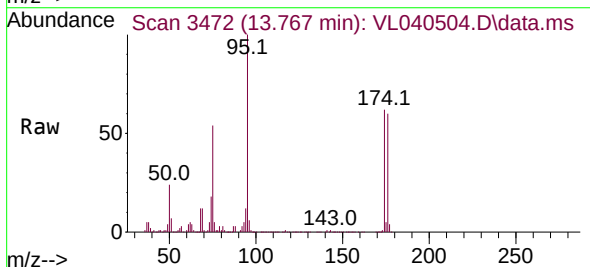
Tgt Ion:105 Resp: 4999
 Ion Ratio Lower Upper
 105 100
 134 16.8 14.0 21.0

Manual Integrations
 APPROVED

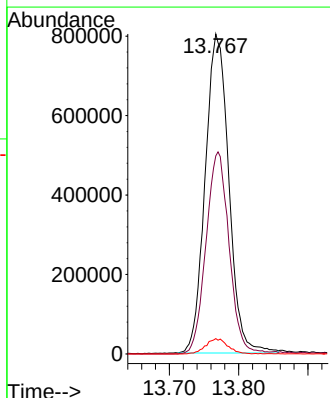
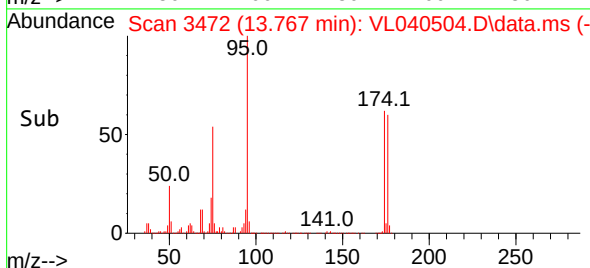
Reviewed By :Semsettin Yesilyurt 06/26/2023
 Supervised By :Mahesh Dadoda 06/27/2023

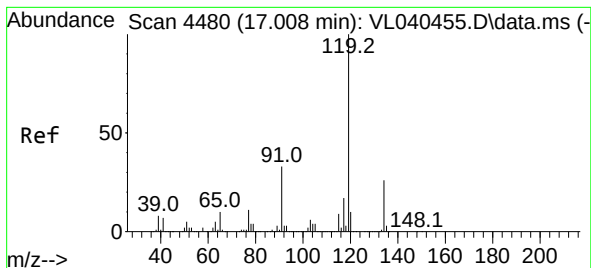


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.433 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. -0.019 min
 Lab File: VL040504.D
 Acq: 23 Jun 2023 12:12



Tgt Ion: 95 Resp: 1908202
 Ion Ratio Lower Upper
 95 100
 174 62.9 47.7 71.5
 175 4.6 3.5 5.3





#69

p-Isopropyltoluene

Concen: 0.149 ppbv

RT: 16.985 min Scan# 4480

Delta R.T. -0.023 min

Lab File: VL040504.D

Acq: 23 Jun 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

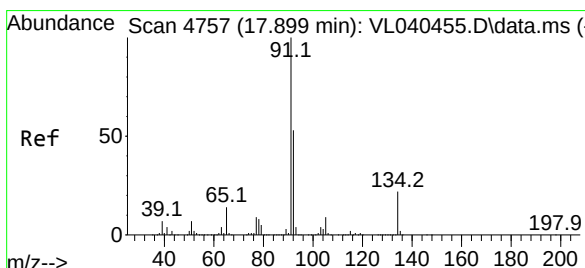
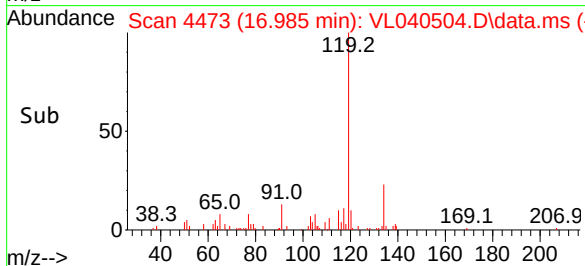
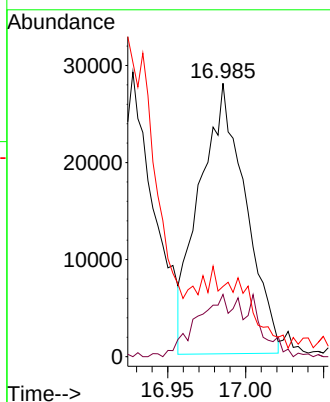
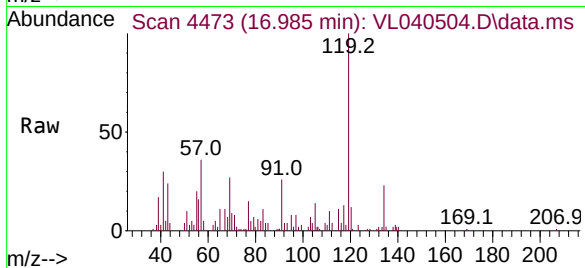
SV-4

Tgt Ion:	119	Resp:	57170
Ion Ratio	Lower	Upper	
119	100		
134	28.8	20.3	30.5
91	0.0	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#70

n-Butylbenzene

Concen: 0.423 ppbv m

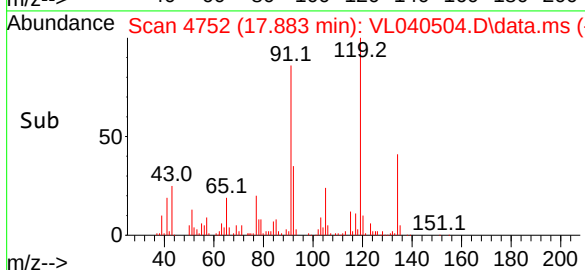
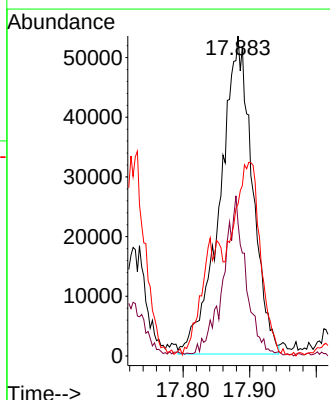
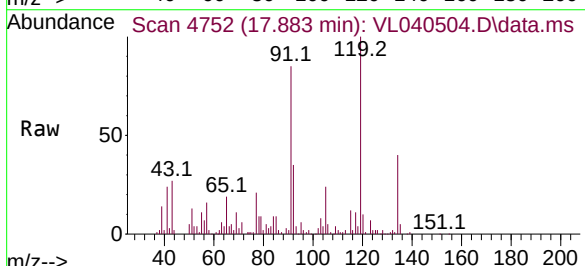
RT: 17.883 min Scan# 4752

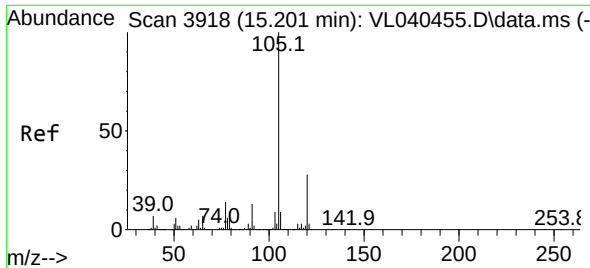
Delta R.T. -0.016 min

Lab File: VL040504.D

Acq: 23 Jun 2023 12:12

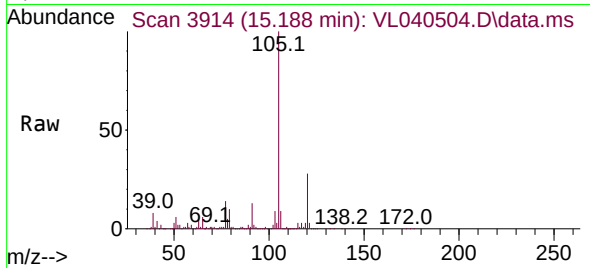
Tgt Ion:	91	Resp:	180714
Ion Ratio	Lower	Upper	
91	100		
92	36.1	42.7	64.1#
134	52.9	16.9	25.3#





#72
4-Ethyltoluene
Concen: 3.940 ppbv m
RT: 15.188 min Scan# 3918
Delta R.T. -0.013 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

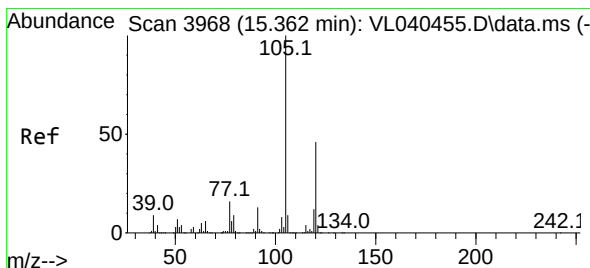
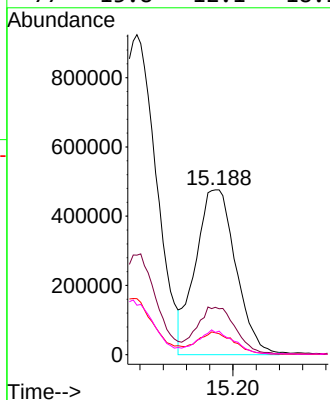
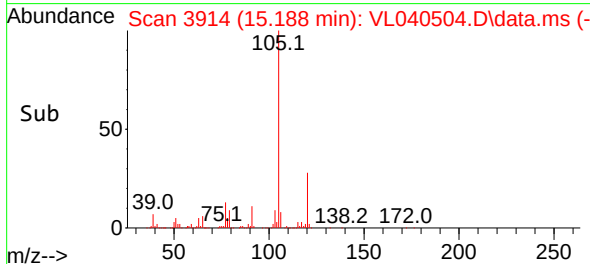
Instrument :
MSVOA_L
ClientSampleId :
SV-4



Tgt Ion:105 Resp: 1148858
Ion Ratio Lower Upper
105 100
120 27.1 23.4 35.0
91 12.1 11.1 16.7
77 13.8 12.1 18.1

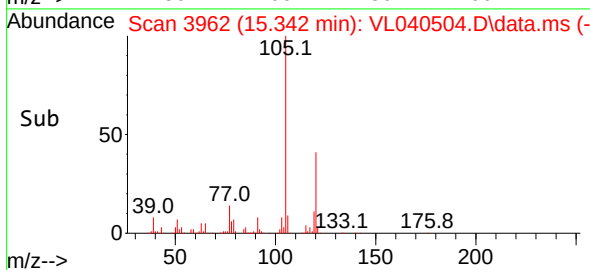
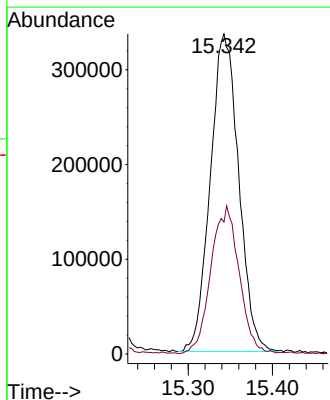
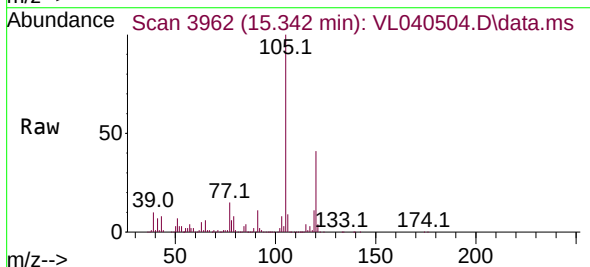
Manual Integrations
APPROVED

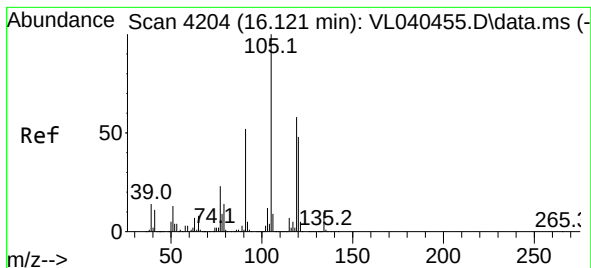
Reviewed By :Semsettin Yesilyurt 06/26/2023
Supervised By :Mahesh Dadoda 06/27/2023



#73
1,3,5-Trimethylbenzene
Concen: 3.048 ppbv
RT: 15.342 min Scan# 3962
Delta R.T. -0.019 min
Lab File: VL040504.D
Acq: 23 Jun 2023 12:12

Tgt Ion:105 Resp: 785600
Ion Ratio Lower Upper
105 100
120 41.3 36.4 54.6





#74

1,2,4-Trimethylbenzene

Concen: 10.826 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. -0.023 min

Lab File: VL040504.D

Acq: 23 Jun 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

SV-4

Tgt Ion:105 Resp: 328205

Ion Ratio Lower Upper

105 100

120 45.5 38.4 57.6

91 12.4 41.3 61.9

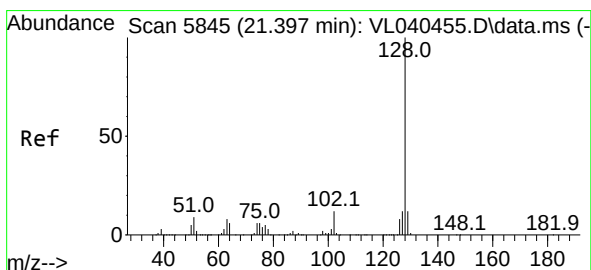
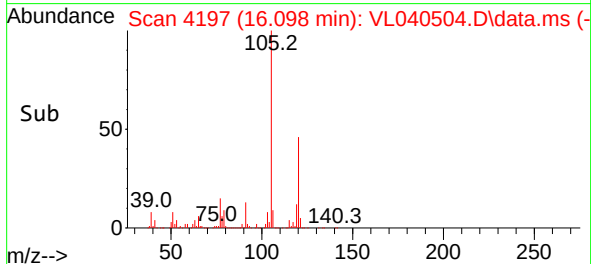
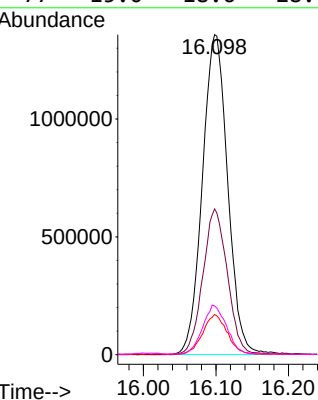
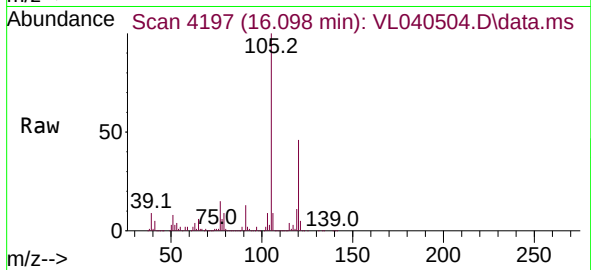
77 15.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2023

Supervised By :Mahesh Dadoda 06/27/2023



#79

Naphthalene

Concen: 0.724 ppbv m

RT: 21.381 min Scan# 5840

Delta R.T. -0.016 min

Lab File: VL040504.D

Acq: 23 Jun 2023 12:12

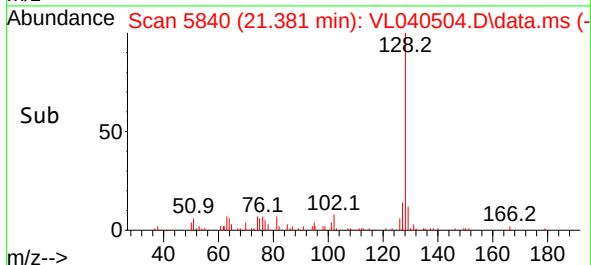
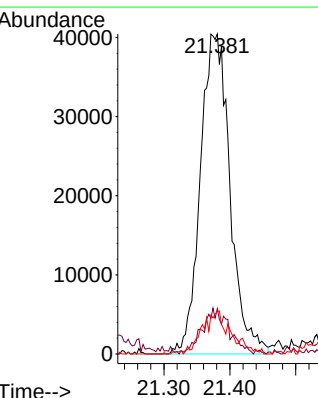
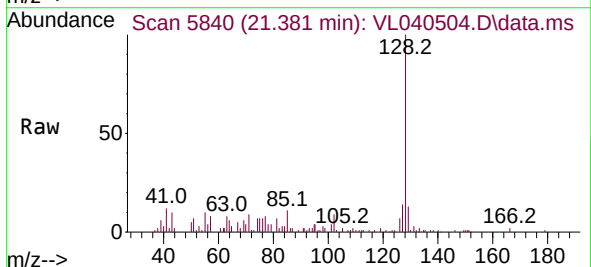
Tgt Ion:128 Resp: 126420

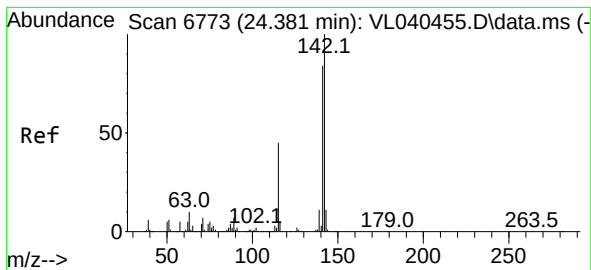
Ion Ratio Lower Upper

128 100

127 14.2 9.9 14.9

129 13.3 9.2 13.8





#80

Naphthalene, 2-methyl-

Concen: 0.138 ppbv

RT: 24.368 min Scan# 61

Delta R.T. -0.013 min

Lab File: VL040504.D

Acq: 23 Jun 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

SV-4

Tgt Ion:142 Resp: 7250

Ion Ratio Lower Upper

142 100

141 111.4 65.4 98.0

115 75.4 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2023

Supervised By :Mahesh Dadoda 06/27/2023

