

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040124.D
 Acq On : 19 Jan 2023 22:04
 Operator : SY/MD
 Sample : 01223-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-4

Manual Integrations
 APPROVED

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

Quant Time: Jan 20 02:10:49 2023

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

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

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.211	49	980930	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.677	114	2622299	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.500	117	2404734	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	1913287	9.573	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.729	85	75681	0.440	ppbv	97
4) Chloromethane	2.816	50	39236	0.540	ppbv	95
9) Propene	2.693	41	4738828	96.941	ppbv	97
10) Heptane	7.603	43	326894	2.901	ppbv	99
11) Trichlorofluoromethane	3.571	101	44114	0.257	ppbv	97
13) Ethanol	3.247	45	925878	205.782	ppbv	98
15) Acetone	3.472	43	10646125	90.495	ppbv #	82
16) 1,3-Butadiene	2.983	39	1043133	19.019	ppbv #	79
17) tert-Butyl alcohol	3.899	59	178928	1.633	ppbv	97
19) Isopropyl Alcohol	3.591	45	365716	6.354	ppbv #	90
20) Methylene Chloride	3.944	84	3079119	59.326	ppbv	97
26) Hexane	5.230	57	2483642	27.383	ppbv #	42
27) Carbon Disulfide	4.134	76	276364	2.352	ppbv	99
30) Cyclohexane	6.626	84	63322	0.878	ppbv	91
32) 1,1,1-Trichloroethane	6.028	97	20769	0.141	ppbv #	80
34) 2-Butanone	4.800	43	6039279	48.689	ppbv	98
35) Carbon Tetrachloride	6.520	117	4720m	0.032	ppbv	
36) Benzene	6.394	78	3108525	16.019	ppbv	98
38) Trichloroethene	7.314	130	6355m	0.058	ppbv	
41) Tetrahydrofuran	5.574	42	691319	9.656	ppbv	98
44) 2,2,4-Trimethylpentane	7.349	57	103238	0.320	ppbv #	42
50) 4-Methyl-2-Pentanone	8.214	43	127003	0.651	ppbv	97
51) 2-Hexanone	9.574	43	373032	2.524	ppbv #	84
52) Tetrachloroethene	10.645	164	17937m	0.283	ppbv	
53) Toluene	9.249	91	2304816	11.136	ppbv	98
58) Ethyl Benzene	12.121	91	1351138	5.035	ppbv	100
59) m/p-Xylene	12.378	91	3015903	12.499	ppbv	92
60) o-Xylene	13.089	91	846091	3.694	ppbv	97
61) Styrene	12.931	104	57184m	0.479	ppbv	
62) Isopropylbenzene	14.063	105	78702	0.239	ppbv	97
64) n-propylbenzene	14.947	120	34152	0.417	ppbv	97
67) sec-Butylbenzene	16.670	105	44422m	0.111	ppbv	
70) n-Butylbenzene	17.931	91	60865m	0.180	ppbv	
72) 4-Ethyltoluene	15.227	105	179261	0.705	ppbv	96
73) 1,3,5-Trimethylbenzene	15.388	105	160752	0.702	ppbv	97
74) 1,2,4-Trimethylbenzene	16.137	105	547346	2.159	ppbv #	69
79) Naphthalene	21.429	128	60953	0.420	ppbv	97

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

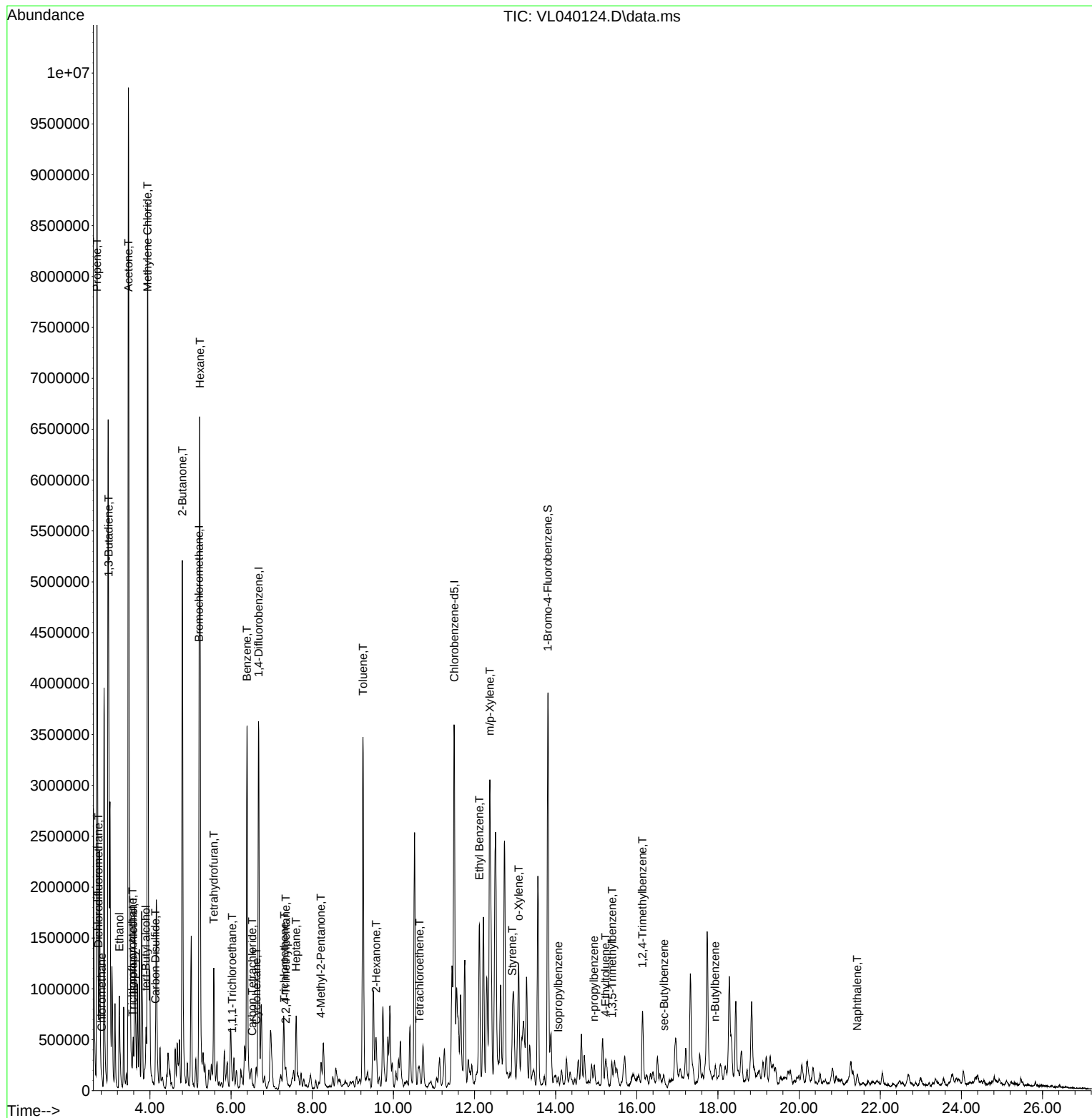
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
Data File : VL040124.D
Acq On : 19 Jan 2023 22:04
Operator : SY/MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jan 16 14:40:47 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

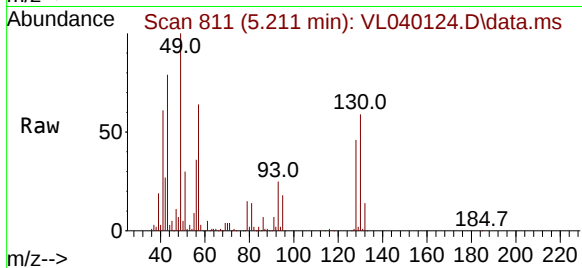
Reviewed By : Semsettin Yesilyurt 01/20/2023
Supervised By : Mahesh Dadoda 01/20/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.026 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

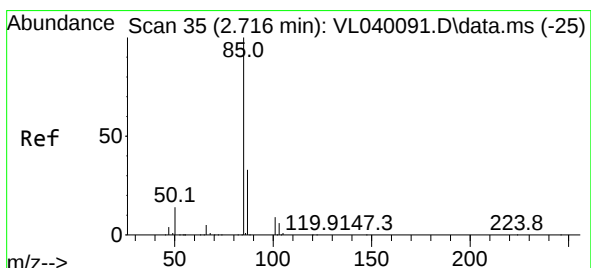
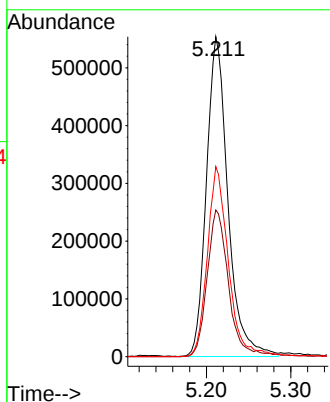
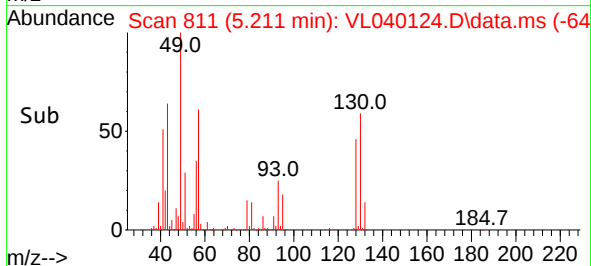
Instrument :
MSVOA_L
ClientSampleId :
VP-4



Tgt Ion: 49 Resp: 980930
Ion Ratio Lower Upper
49 100
128 46.3 23.6 71.0
130 58.4 29.8 89.3

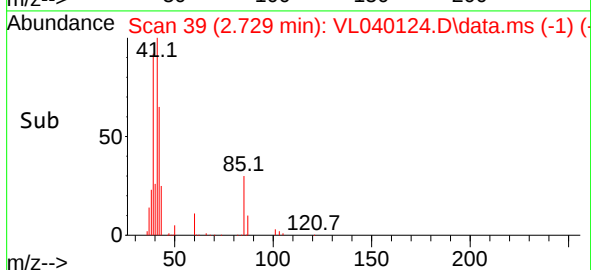
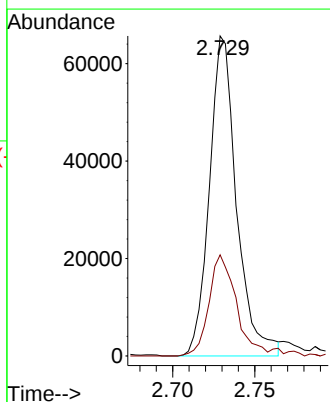
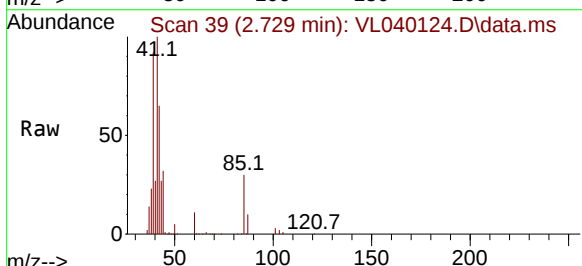
Manual Integrations
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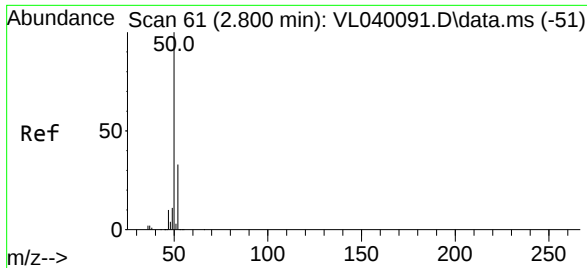
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#2
Dichlorodifluoromethane
Concen: 0.440 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.013 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

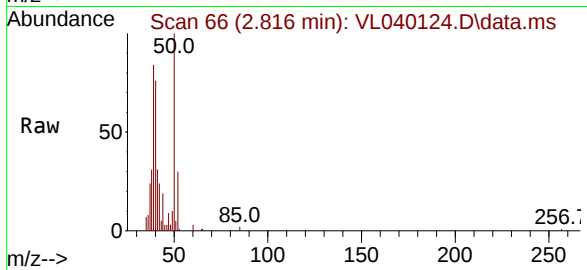
Tgt Ion: 85 Resp: 75681
Ion Ratio Lower Upper
85 100
87 31.6 26.5 39.7





#4
Chloromethane
Concen: 0.540 ppbv
RT: 2.816 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

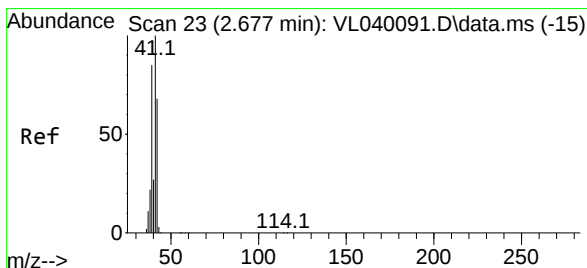
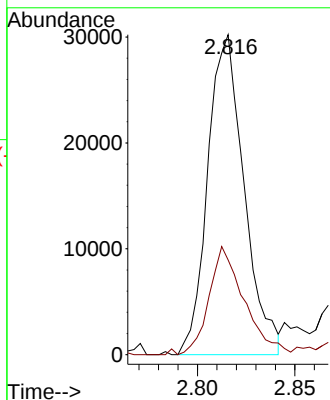
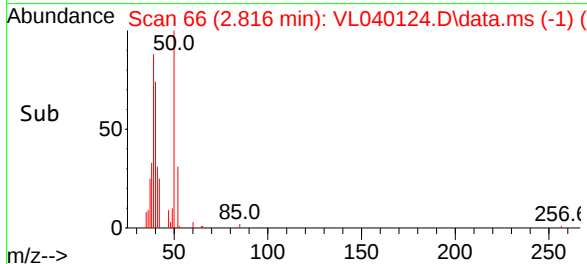
Instrument :
MSVOA_L
ClientSampleId :
VP-4



Tgt Ion: 50 Resp: 39230
Ion Ratio Lower Upper
50 100
52 30.1 26.5 39.7

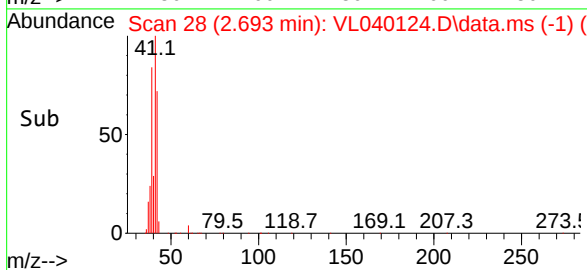
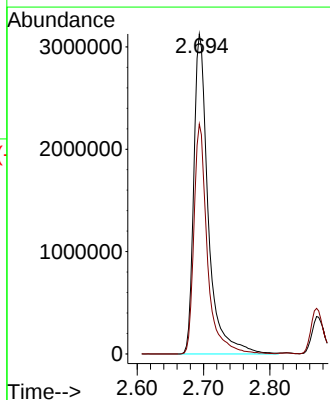
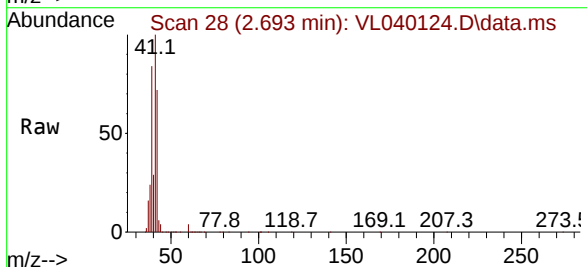
Manual Integrations
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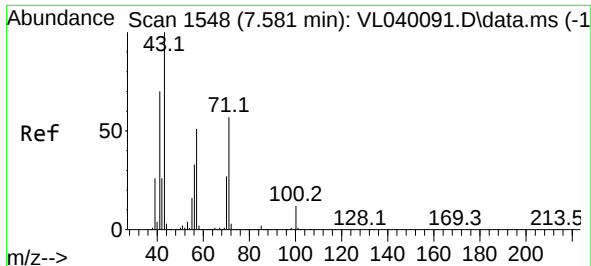
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#9
Propene
Concen: 96.941 ppbv
RT: 2.693 min Scan# 28
Delta R.T. 0.016 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

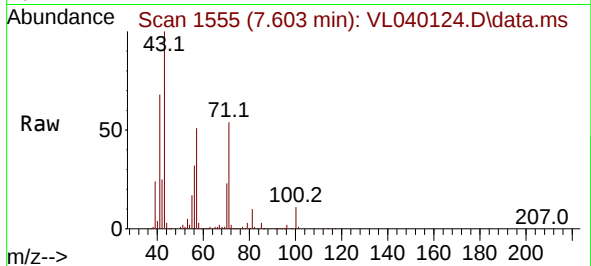
Tgt Ion: 41 Resp: 4738828
Ion Ratio Lower Upper
41 100
42 66.8 55.6 83.4





#10
Heptane
Concen: 2.901 ppbv
RT: 7.603 min Scan# 11
Delta R.T. 0.022 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

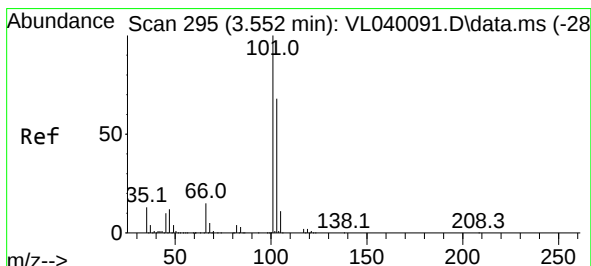
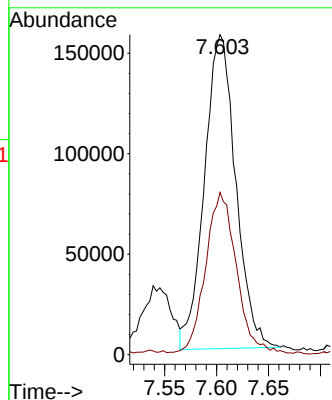
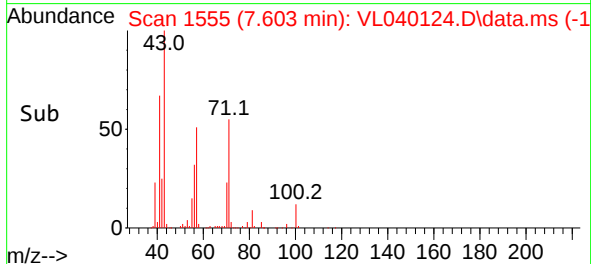
Instrument :
MSVOA_L
ClientSampleId :
VP-4



Tgt Ion: 43 Resp: 326894
Ion Ratio Lower Upper
43 100
57 51.9 40.9 61.3

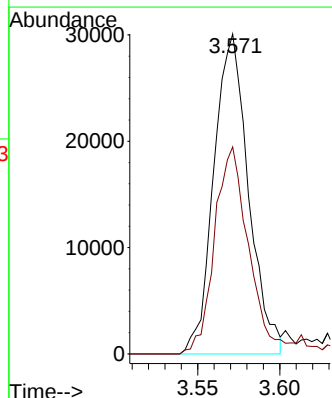
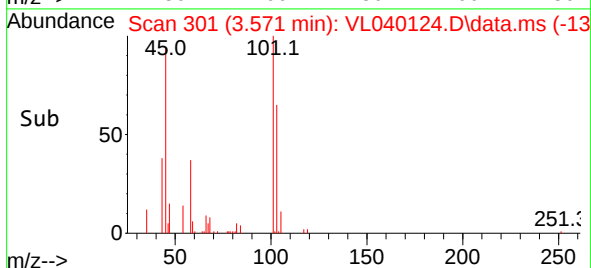
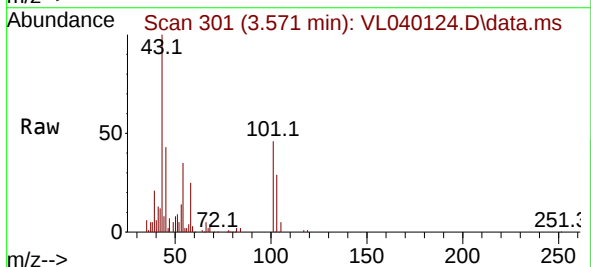
Manual Integrations
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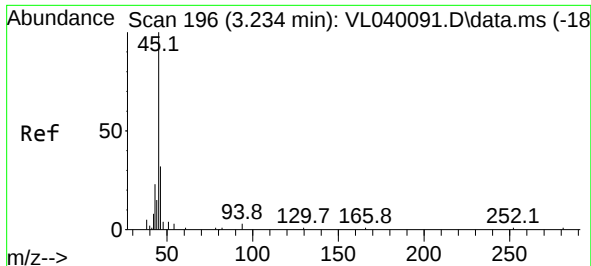
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#11
Trichlorofluoromethane
Concen: 0.257 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.019 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

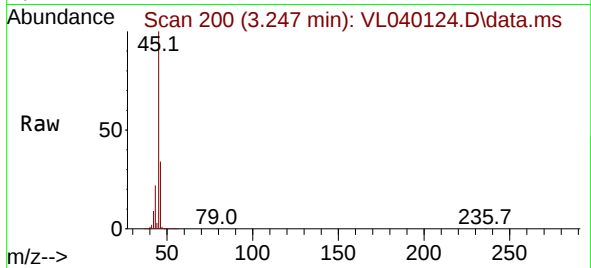
Tgt Ion:101 Resp: 44114
Ion Ratio Lower Upper
101 100
103 64.7 54.0 81.0





#13
Ethanol
Concen: 205.782 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.013 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

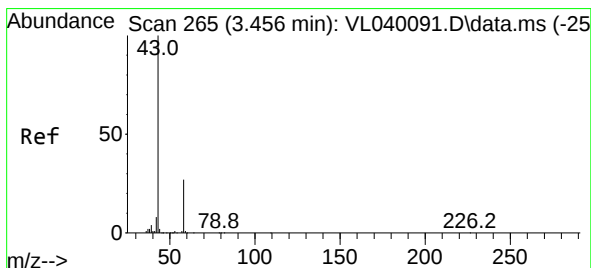
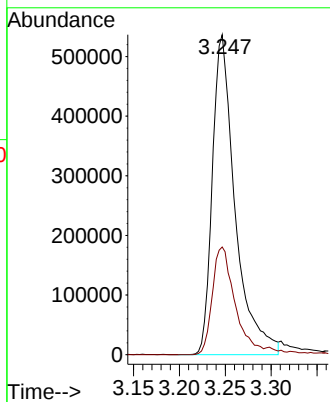
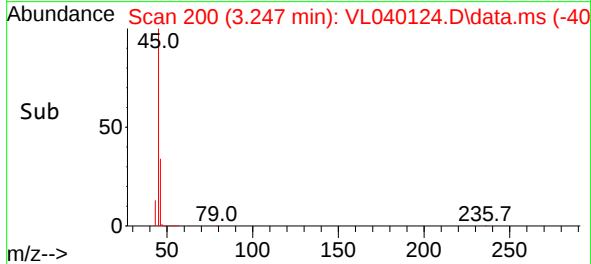
Instrument :
MSVOA_L
ClientSampleId :
VP-4



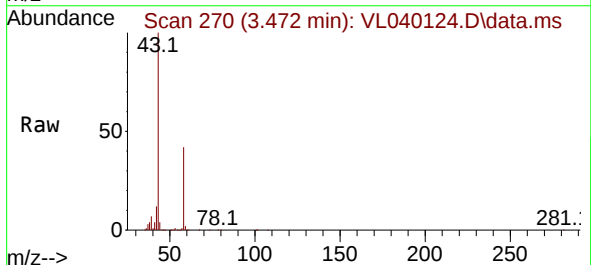
Tgt Ion: 45 Resp: 925878
Ion Ratio Lower Upper
45 100
46 35.8 14.8 59.2

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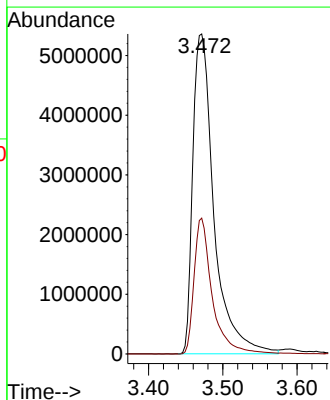
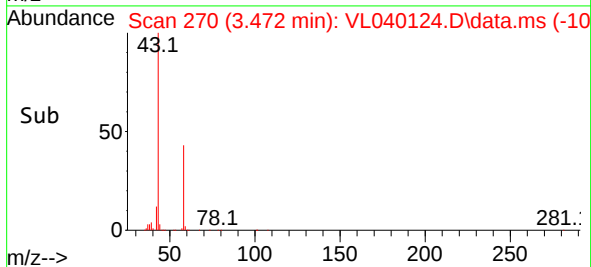
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

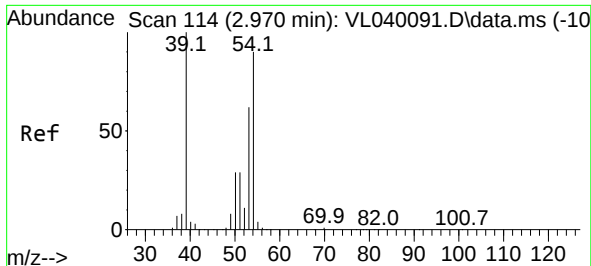


#15
Acetone
Concen: 90.495 ppbv
RT: 3.472 min Scan# 270
Delta R.T. 0.016 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04



Tgt Ion: 43 Resp:10646125
Ion Ratio Lower Upper
43 100
58 36.9 21.8 32.8#





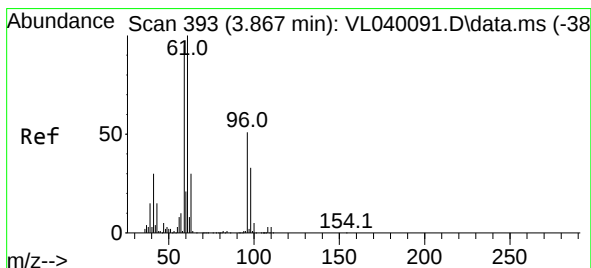
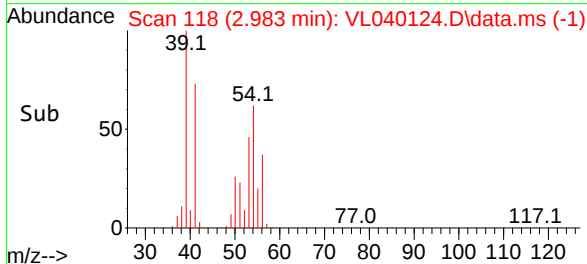
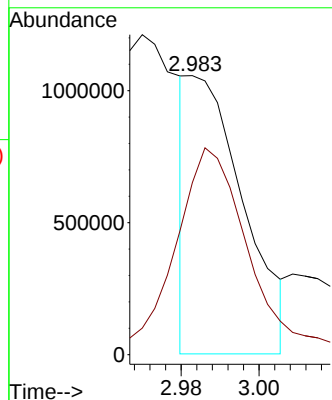
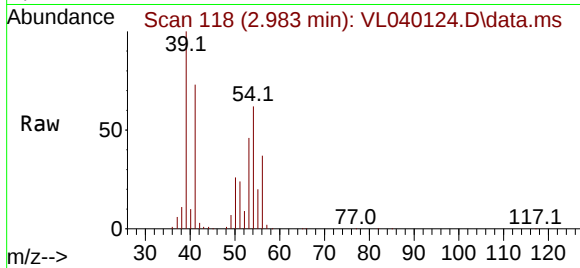
#16
1,3-Butadiene
Concen: 19.019 ppbv
RT: 2.983 min Scan# 114
Delta R.T. 0.013 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

Instrument :
MSVOA_L
ClientSampleId :
VP-4

Tgt Ion: 39 Resp: 104313
Ion Ratio Lower Upper
39 100
54 104.2 67.9 101.9

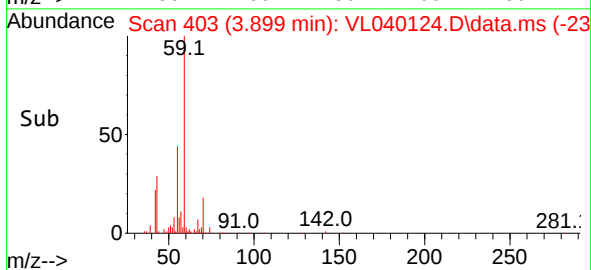
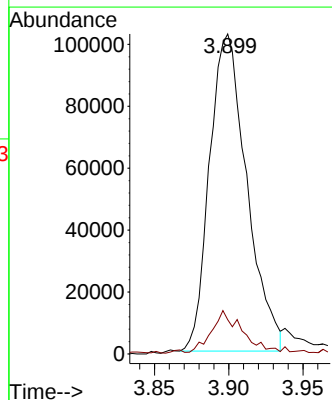
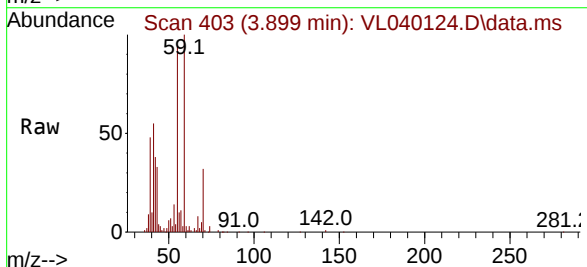
Manual Integrations
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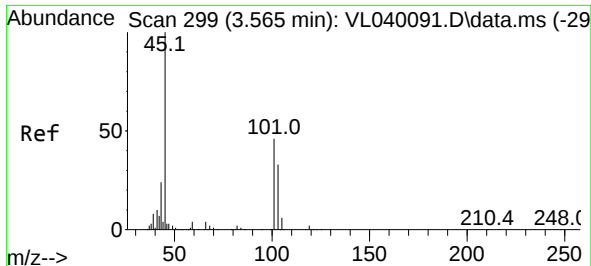
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#17
tert-Butyl alcohol
Concen: 1.633 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.032 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

Tgt Ion: 59 Resp: 178928
Ion Ratio Lower Upper
59 100
57 11.7 8.5 12.7





#19

Isopropyl Alcohol

Concen: 6.354 ppbv

RT: 3.591 min Scan# 307

Delta R.T. 0.026 min

Lab File: VL040124.D

Acq: 19 Jan 2023 22:04

Instrument :

MSVOA_L

ClientSampleId :

VP-4

Tgt Ion: 45 Resp: 365710

Ion Ratio Lower Upper

45 100

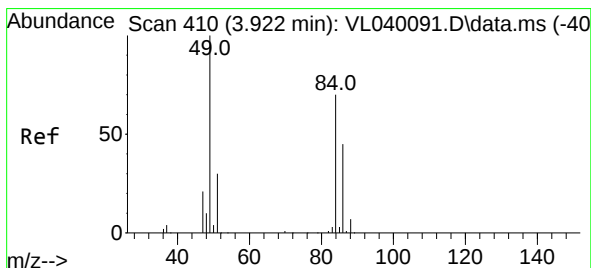
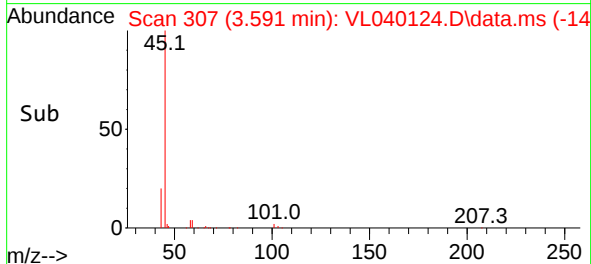
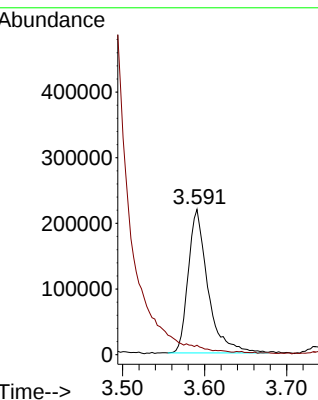
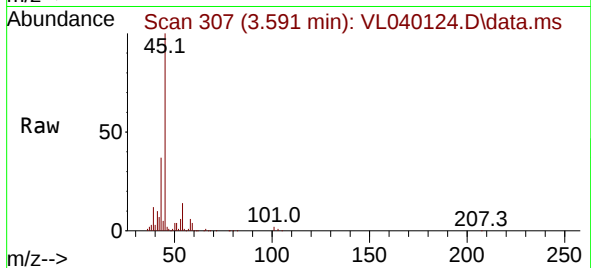
58 0.0 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#20

Methylene Chloride

Concen: 59.326 ppbv

RT: 3.944 min Scan# 417

Delta R.T. 0.022 min

Lab File: VL040124.D

Acq: 19 Jan 2023 22:04

Tgt Ion: 84 Resp: 3079119

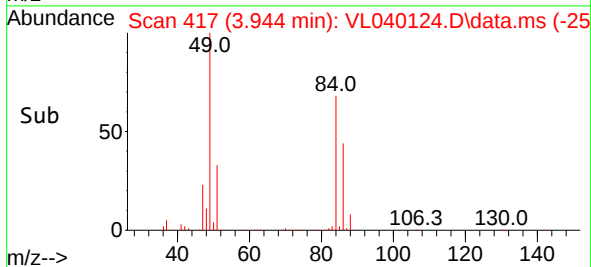
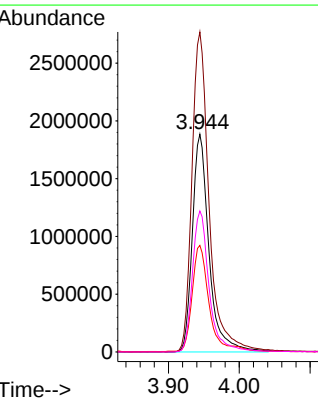
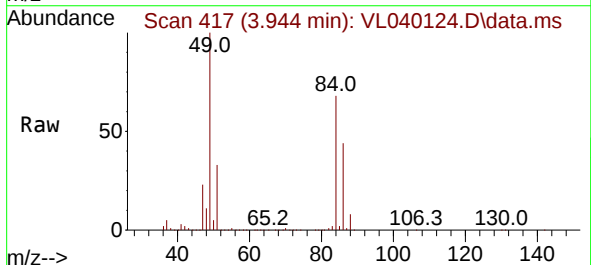
Ion Ratio Lower Upper

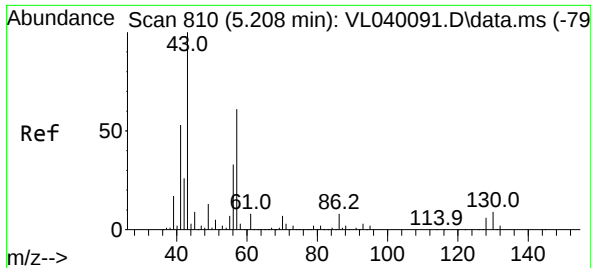
84 100

49 146.9 114.6 171.8

51 48.7 34.3 51.5

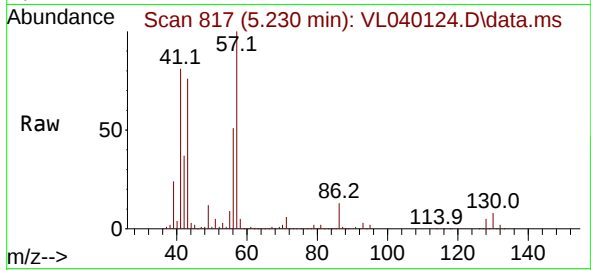
86 64.8 51.8 77.8





#26
Hexane
Concen: 27.383 ppbv
RT: 5.230 min Scan# 810
Delta R.T. 0.022 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

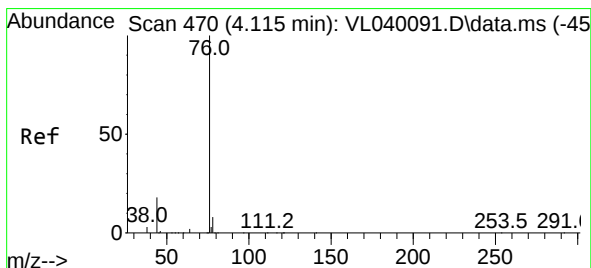
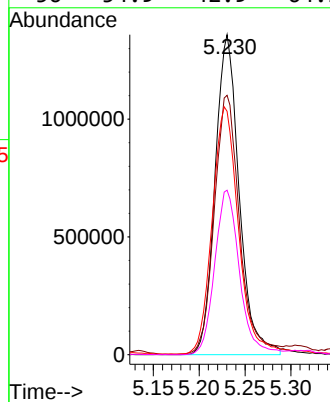
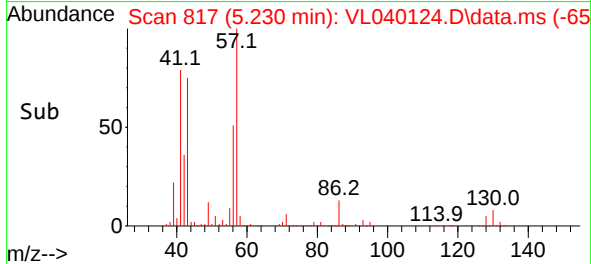
Instrument :
MSVOA_L
ClientSampleId :
VP-4



Tgt Ion: 57 Resp: 248364
Ion Ratio Lower Upper
57 100
41 88.2 72.2 108.4
43 85.5 192.1 288.1
56 54.9 42.9 64.3

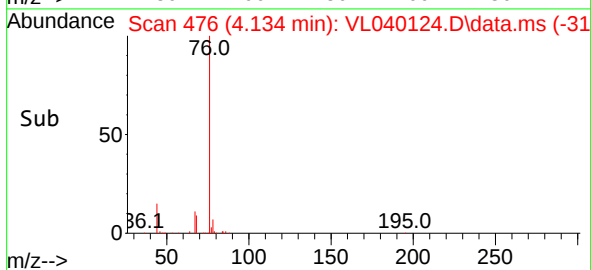
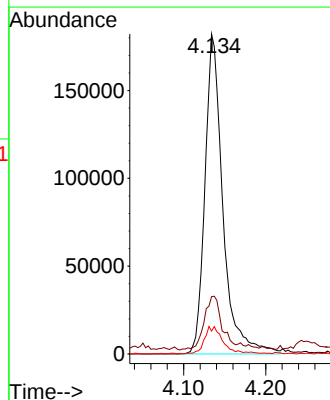
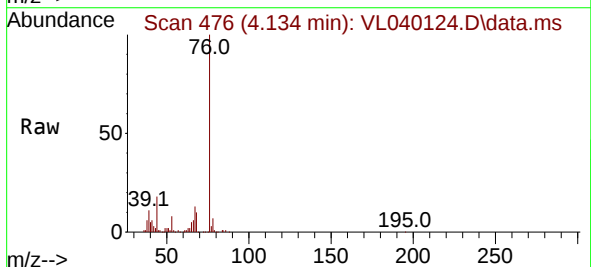
Manual Integrations
APPROVED

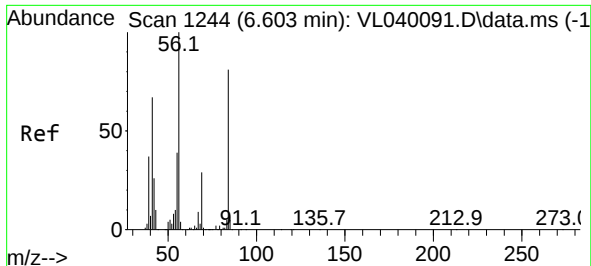
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#27
Carbon Disulfide
Concen: 2.352 ppbv
RT: 4.134 min Scan# 476
Delta R.T. 0.019 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

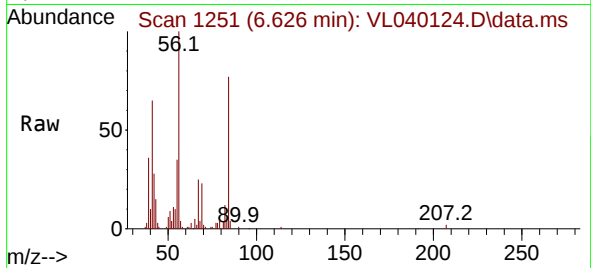
Tgt Ion: 76 Resp: 276364
Ion Ratio Lower Upper
76 100
44 18.6 14.9 22.3
78 9.2 8.2 12.2





#30
Cyclohexane
Concen: 0.878 ppbv
RT: 6.626 min Scan# 1065
Delta R.T. 0.022 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

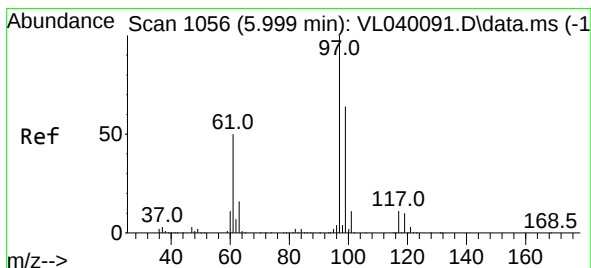
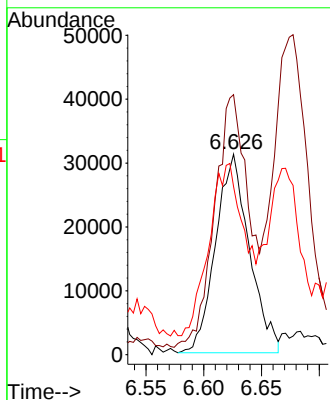
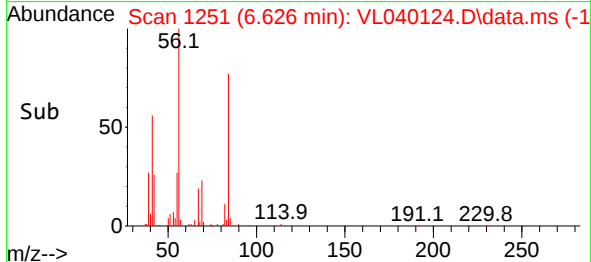
Instrument :
MSVOA_L
ClientSampleId :
VP-4



Tgt Ion: 84 Resp: 6332
Ion Ratio Lower Upper
84 100
56 127.4 111.5 167.3
41 96.2 71.4 107.0

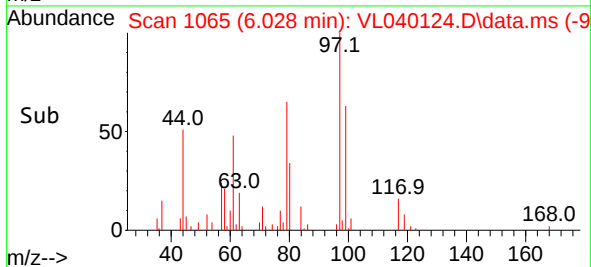
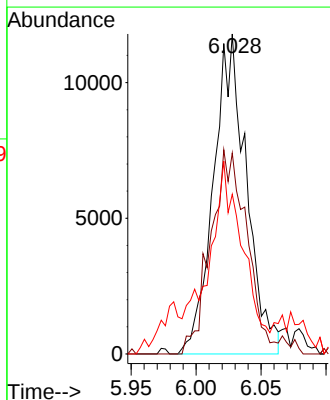
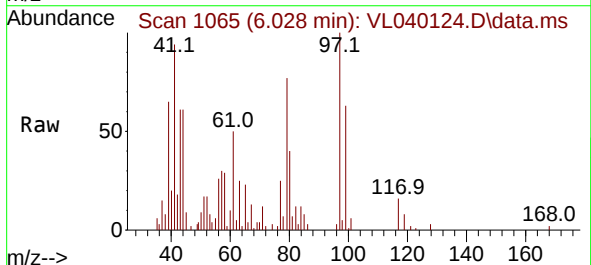
Manual Integrations
APPROVED

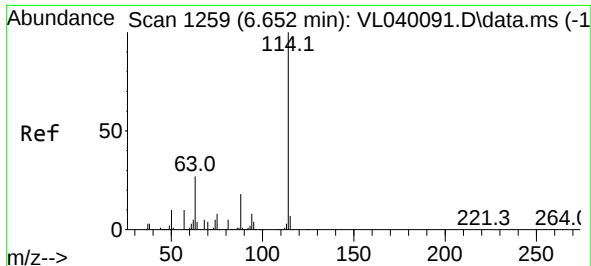
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#32
1,1,1-Trichloroethane
Concen: 0.141 ppbv
RT: 6.028 min Scan# 1065
Delta R.T. 0.029 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

Tgt Ion: 97 Resp: 20769
Ion Ratio Lower Upper
97 100
99 71.8 51.8 77.6
61 73.5 40.4 60.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.677 min Scan# 114

Delta R.T. 0.026 min

Lab File: VL040124.D

Acq: 19 Jan 2023 22:04

Instrument :

MSVOA_L

ClientSampleId :

VP-4

Tgt Ion:114 Resp: 262229

Ion Ratio Lower Upper

114 100

63 24.8 21.8 32.8

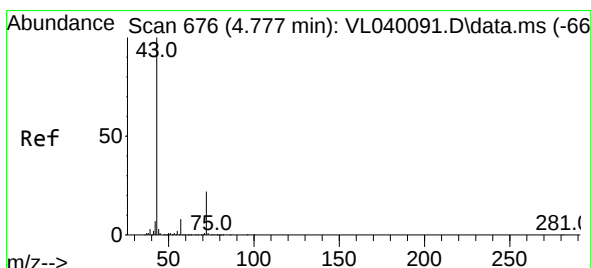
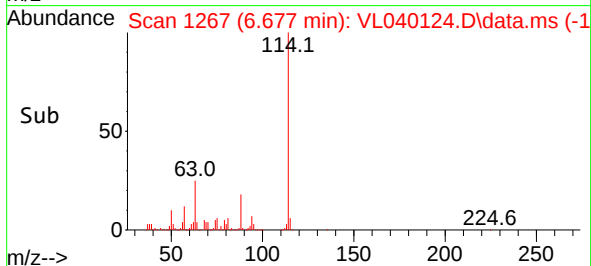
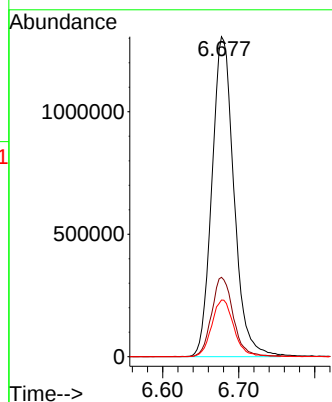
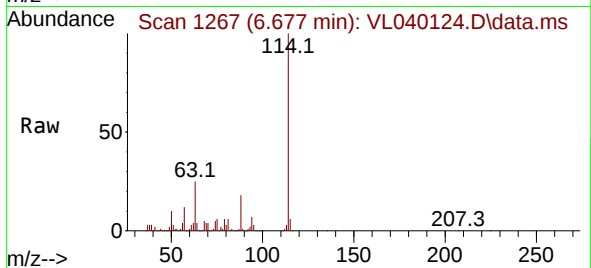
88 18.0 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#34

2-Butanone

Concen: 48.689 ppbv

RT: 4.800 min Scan# 683

Delta R.T. 0.022 min

Lab File: VL040124.D

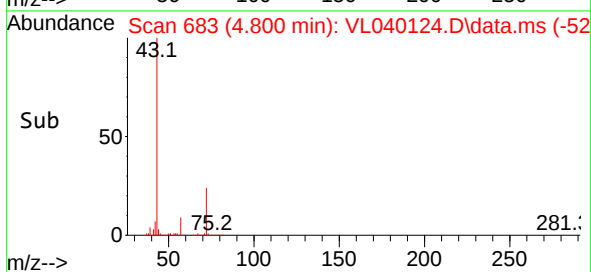
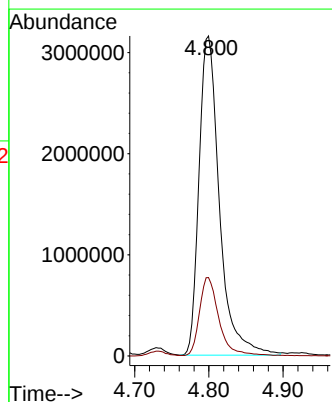
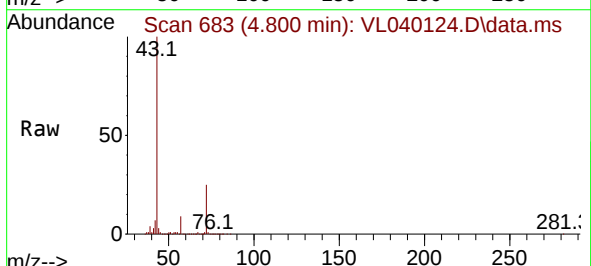
Acq: 19 Jan 2023 22:04

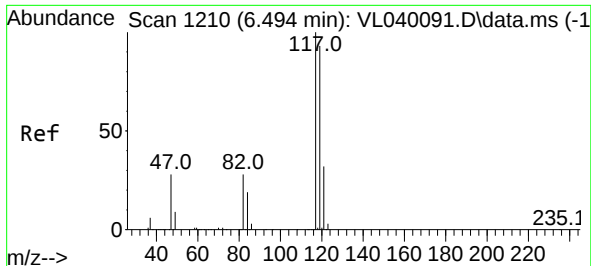
Tgt Ion: 43 Resp: 6039279

Ion Ratio Lower Upper

43 100

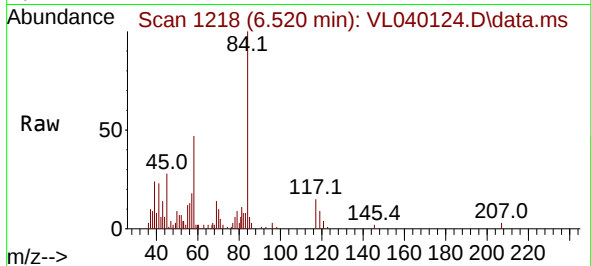
72 23.7 18.4 27.6





#35
Carbon Tetrachloride
Concen: 0.032 ppbv m
RT: 6.520 min Scan# 1179
Delta R.T. 0.026 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

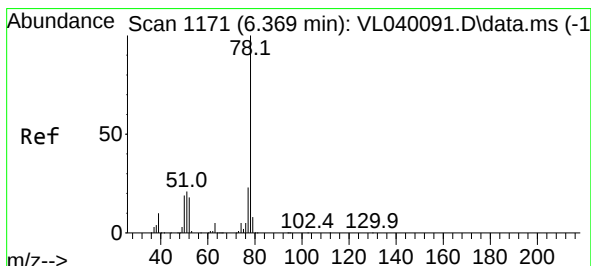
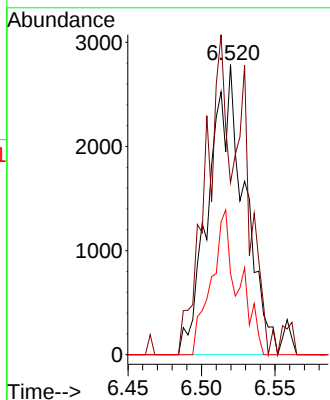
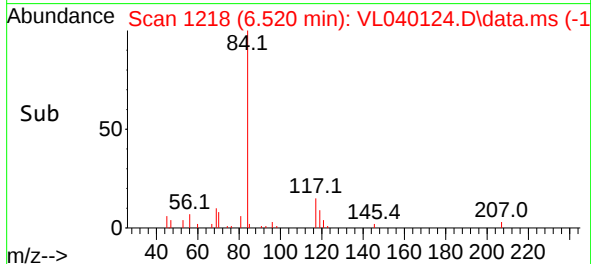
Instrument :
MSVOA_L
ClientSampleId :
VP-4



Tgt Ion:117 Resp: 4720
Ion Ratio Lower Upper
117 100
119 59.3 74.5 111.7
121 28.0 25.4 38.0

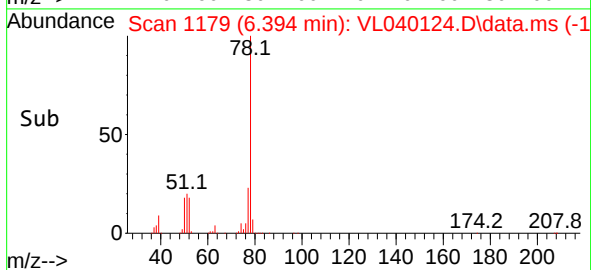
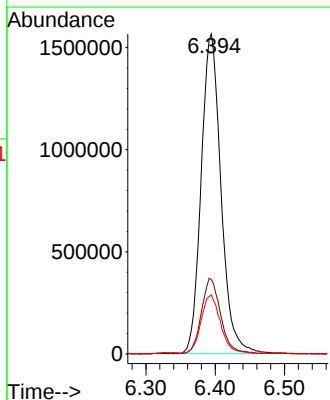
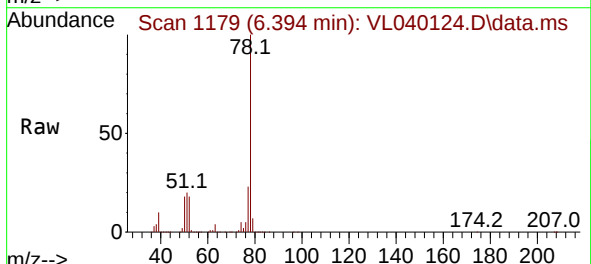
Manual Integrations
APPROVED

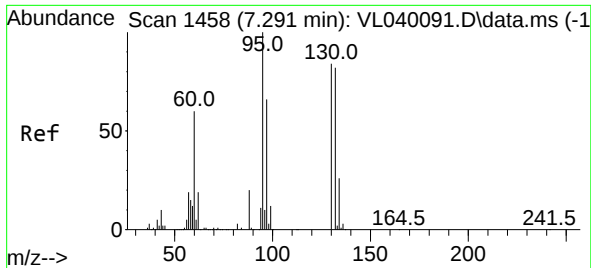
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#36
Benzene
Concen: 16.019 ppbv
RT: 6.394 min Scan# 1179
Delta R.T. 0.026 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

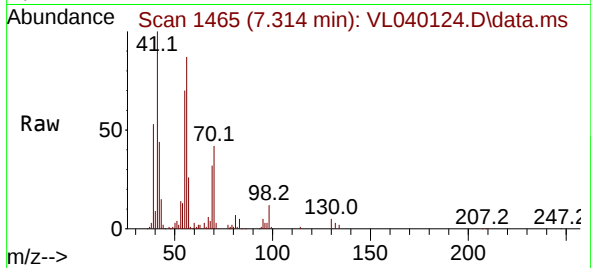
Tgt Ion: 78 Resp: 3108525
Ion Ratio Lower Upper
78 100
77 23.1 18.1 27.1
50 18.2 15.6 23.4





#38
Trichloroethene
Concen: 0.058 ppbv m
RT: 7.314 min Scan# 1458
Delta R.T. 0.023 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

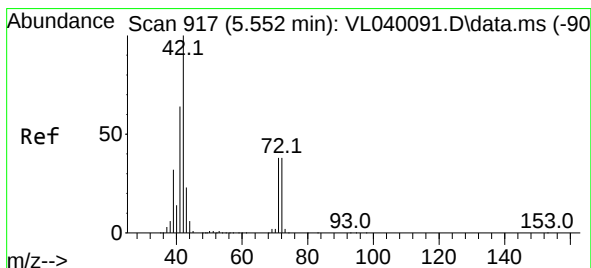
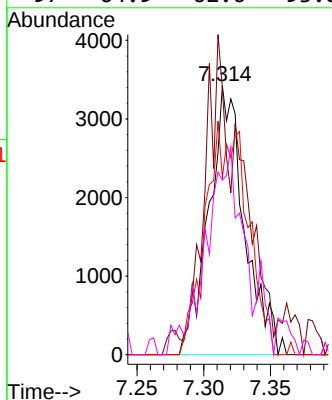
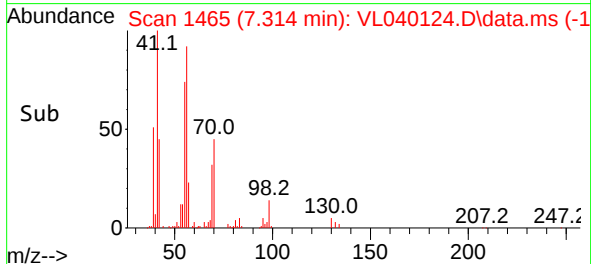
Instrument :
MSVOA_L
ClientSampleId :
VP-4



Tgt Ion:130 Resp: 635
Ion Ratio Lower Upper
130 100
95 99.0 95.0 142.6
132 66.0 77.9 116.9
97 64.9 62.6 93.8

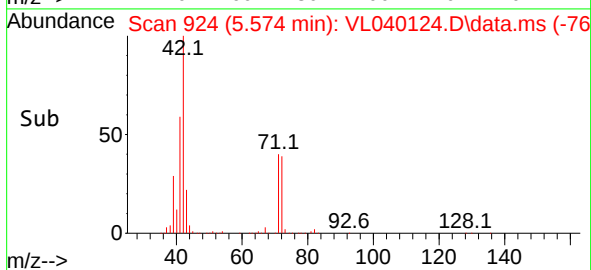
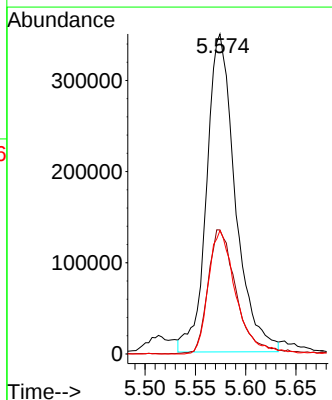
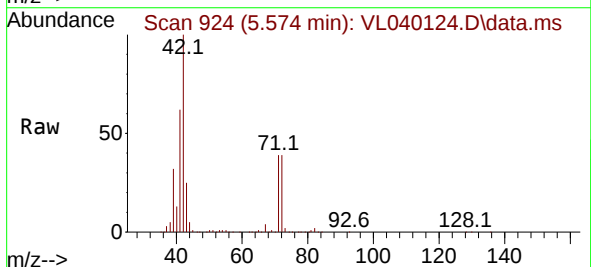
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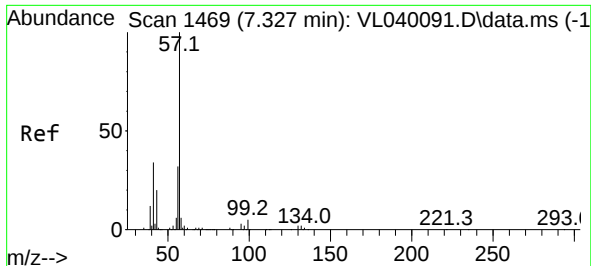
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#41
Tetrahydrofuran
Concen: 9.656 ppbv
RT: 5.574 min Scan# 924
Delta R.T. 0.022 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

Tgt Ion: 42 Resp: 691319
Ion Ratio Lower Upper
42 100
72 39.1 31.9 47.9
71 38.1 31.4 47.2





#44

2,2,4-Trimethylpentane

Concen: 0.320 ppbv

RT: 7.349 min Scan# 1469

Delta R.T. 0.023 min

Lab File: VL040124.D

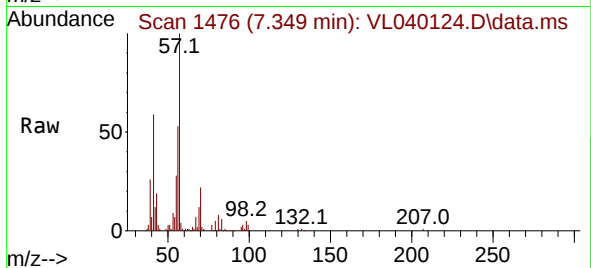
Acq: 19 Jan 2023 22:04

Instrument :

MSVOA_L

ClientSampleId :

VP-4



Tgt Ion: 57 Resp: 103238

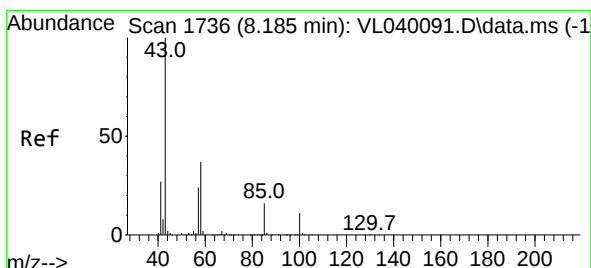
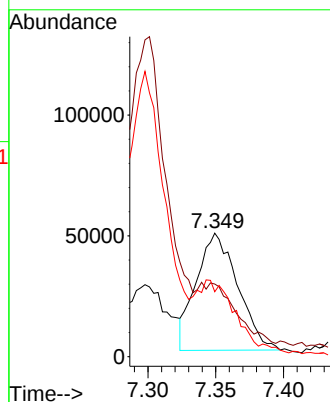
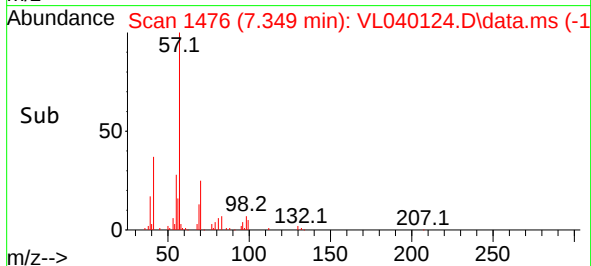
Ion	Ratio	Lower	Upper
57	100		
41	0.0	27.1	40.7
56	0.0	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#50

4-Methyl-2-Pentanone

Concen: 0.651 ppbv

RT: 8.214 min Scan# 1745

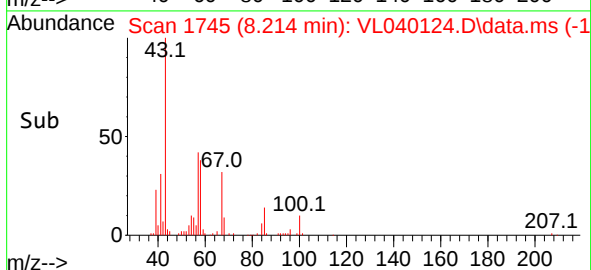
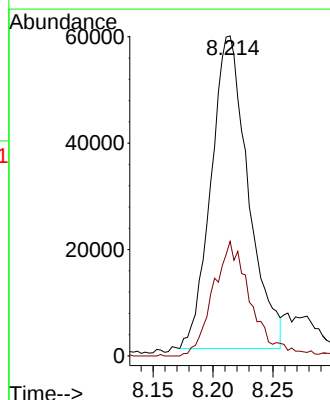
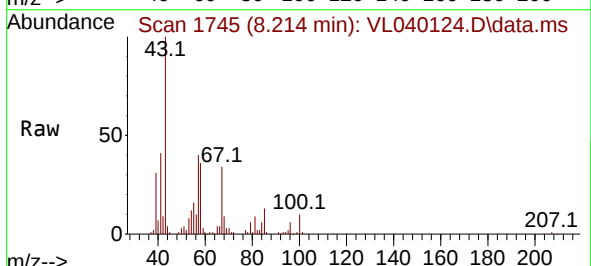
Delta R.T. 0.029 min

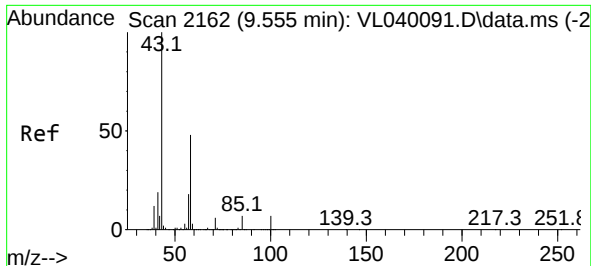
Lab File: VL040124.D

Acq: 19 Jan 2023 22:04

Tgt Ion: 43 Resp: 127003

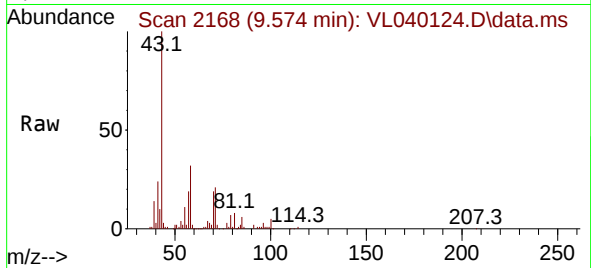
Ion	Ratio	Lower	Upper
43	100		
58	37.8	28.8	43.2





#51
2-Hexanone
Concen: 2.524 ppbv
RT: 9.574 min Scan# 2162
Delta R.T. 0.019 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

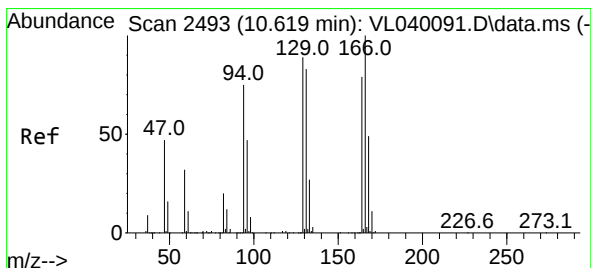
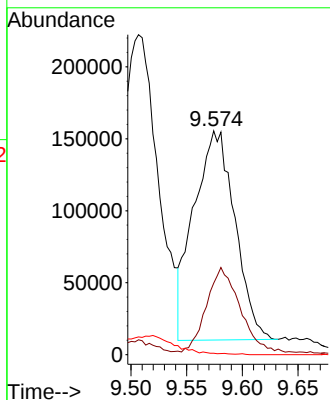
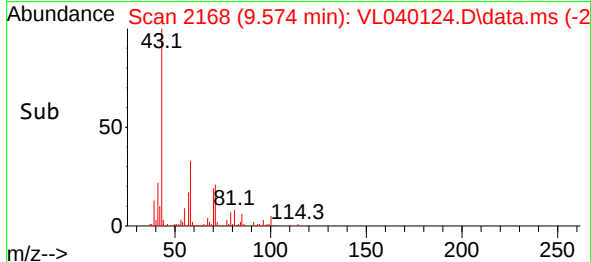
Instrument :
MSVOA_L
ClientSampleId :
VP-4



Tgt Ion: 43 Resp: 37303
Ion Ratio Lower Upper
43 100
58 36.3 37.5 56.3
98 0.0 0.4 0.6

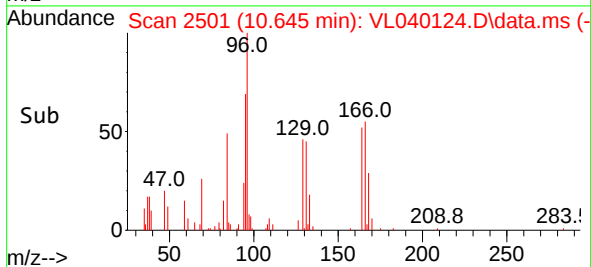
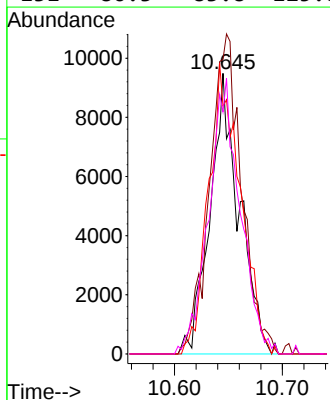
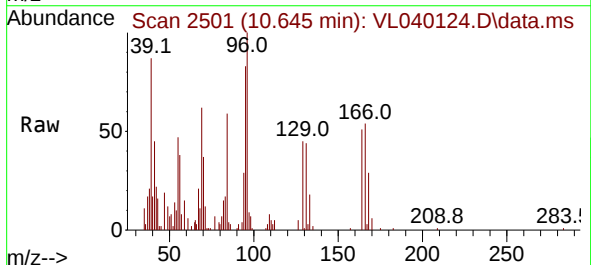
Manual Integrations
APPROVED

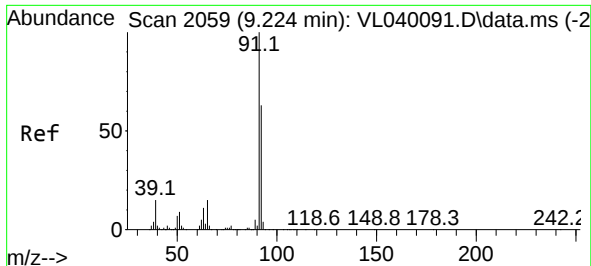
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#52
Tetrachloroethene
Concen: 0.283 ppbv m
RT: 10.645 min Scan# 2501
Delta R.T. 0.026 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

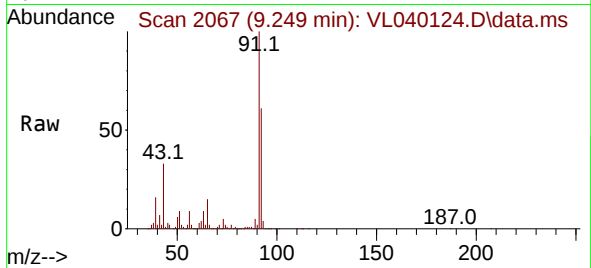
Tgt Ion:164 Resp: 17937
Ion Ratio Lower Upper
164 100
166 105.0 101.2 151.8
129 88.3 90.2 135.2
131 86.3 83.8 125.8





#53
Toluene
Concen: 11.136 ppbv
RT: 9.249 min Scan# 2059
Delta R.T. 0.026 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

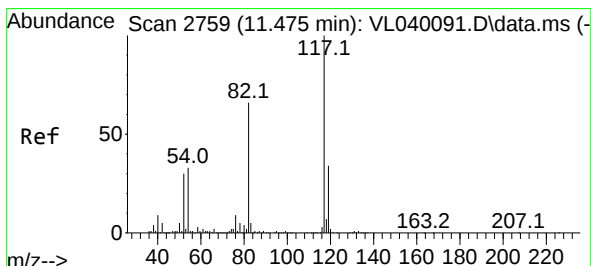
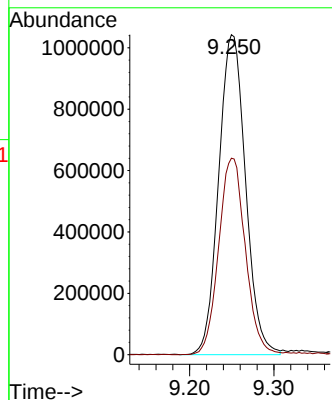
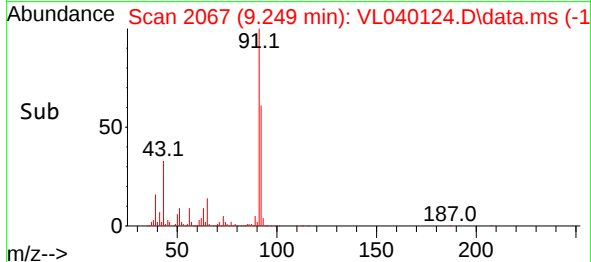
Instrument :
MSVOA_L
ClientSampleId :
VP-4



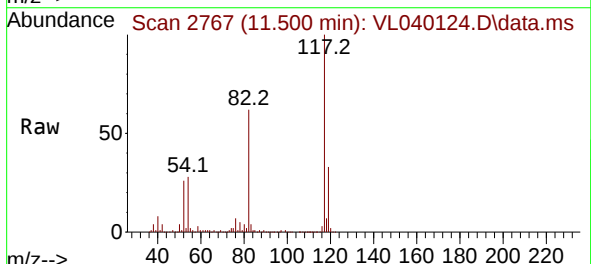
Tgt Ion: 91 Resp: 2304810
Ion Ratio Lower Upper
91 100
92 62.0 48.3 72.5

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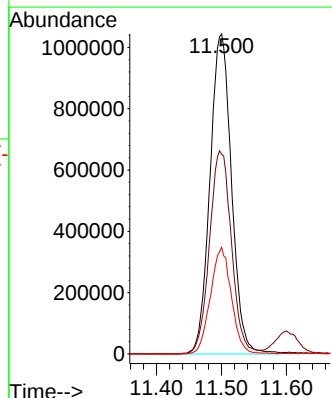
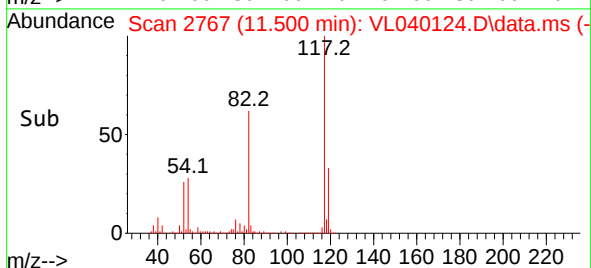
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

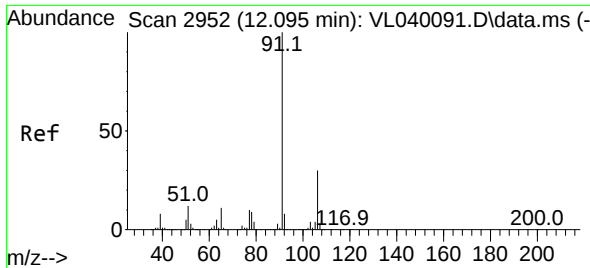


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.026 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04



Tgt Ion:117 Resp: 2404734
Ion Ratio Lower Upper
117 100
82 64.7 54.4 81.6
119 32.4 26.8 40.2





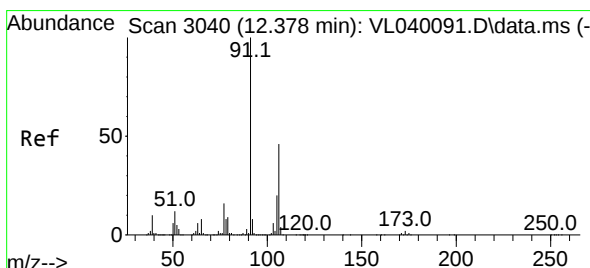
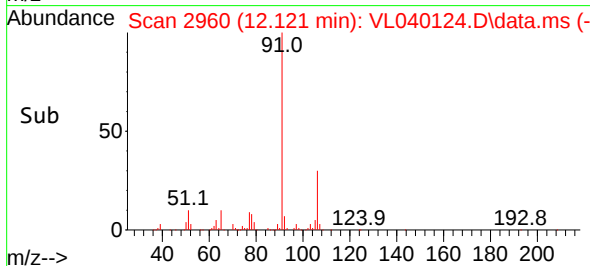
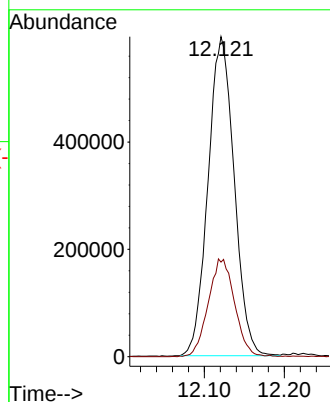
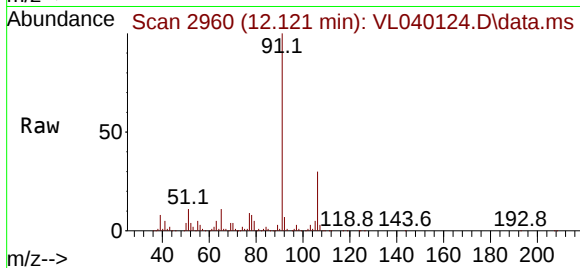
#58
Ethyl Benzene
Concen: 5.035 ppbv
RT: 12.121 min Scan# 2952
Delta R.T. 0.026 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

Instrument :
MSVOA_L
ClientSampleId :
VP-4

Tgt Ion: 91 Resp: 1351138
Ion Ratio Lower Upper
91 100
106 29.5 23.7 35.5

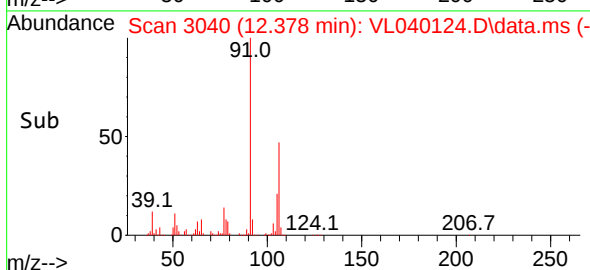
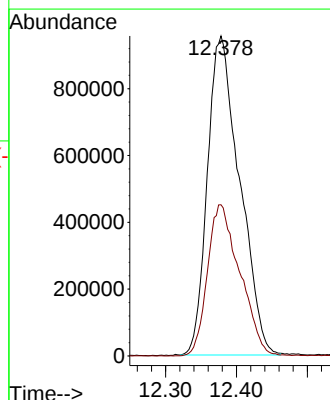
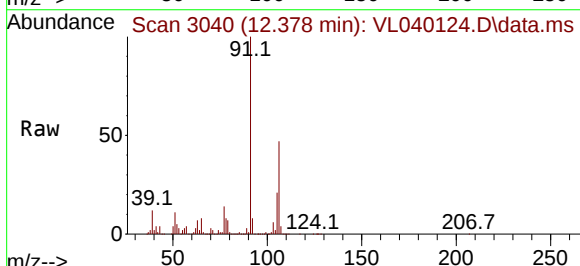
Manual Integrations
APPROVED

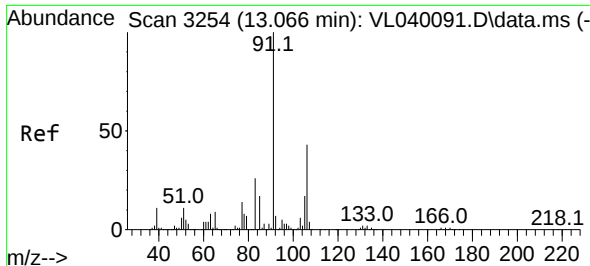
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#59
m/p-Xylene
Concen: 12.499 ppbv
RT: 12.378 min Scan# 3040
Delta R.T. 0.000 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

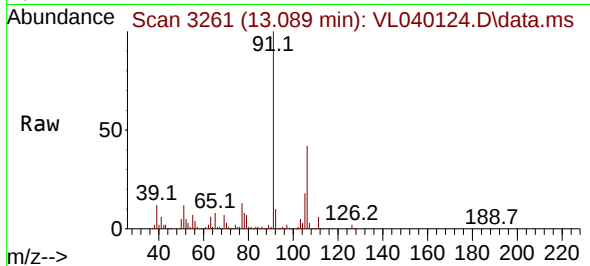
Tgt Ion: 91 Resp: 3015903
Ion Ratio Lower Upper
91 100
106 47.8 34.2 51.4





#60
o-Xylene
Concen: 3.694 ppbv
RT: 13.089 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

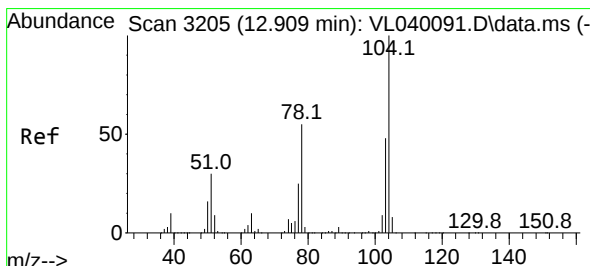
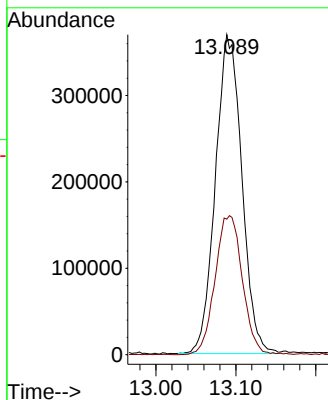
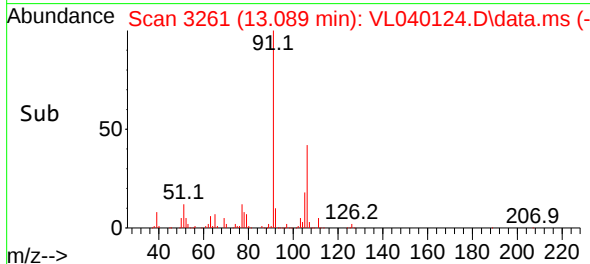
Instrument :
MSVOA_L
ClientSampleId :
VP-4



Tgt Ion: 91 Resp: 84609
Ion Ratio Lower Upper
91 100
106 45.2 21.6 64.8

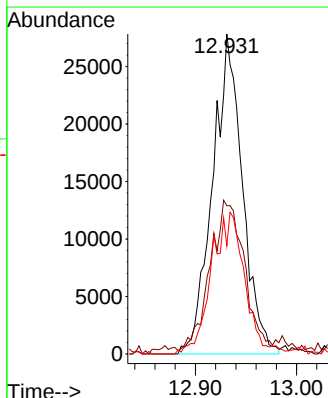
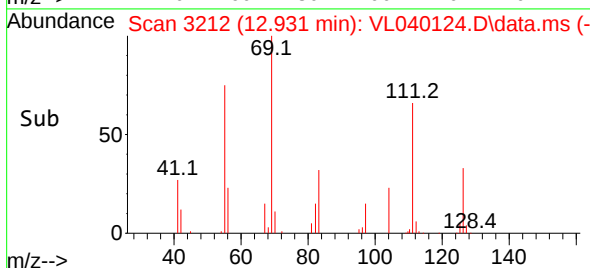
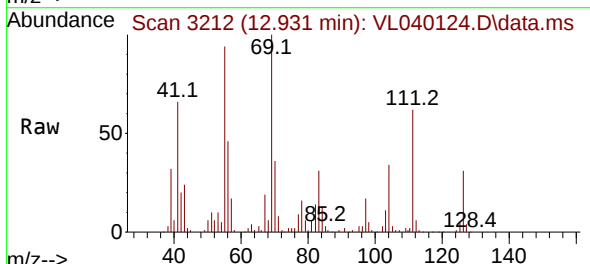
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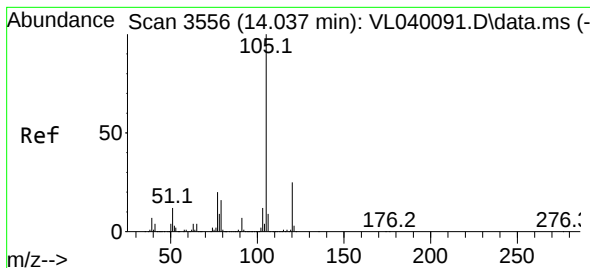
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#61
Styrene
Concen: 0.479 ppbv m
RT: 12.931 min Scan# 3212
Delta R.T. 0.023 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

Tgt Ion:104 Resp: 57184
Ion Ratio Lower Upper
104 100
78 58.3 44.0 66.0
103 50.0 37.8 56.6





#62

Isopropylbenzene

Concen: 0.239 ppbv

RT: 14.063 min Scan# 3564

Delta R.T. 0.026 min

Lab File: VL040124.D

Acq: 19 Jan 2023 22:04

Instrument :

MSVOA_L

ClientSampleId :

VP-4

Tgt Ion:105 Resp: 7870

Ion Ratio Lower Upper

105 100

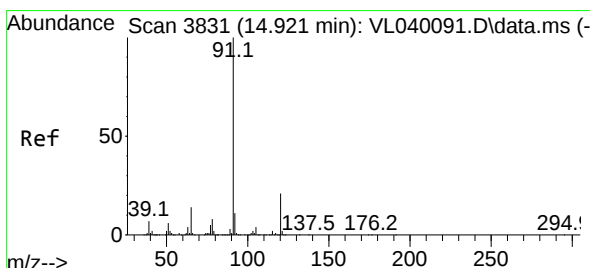
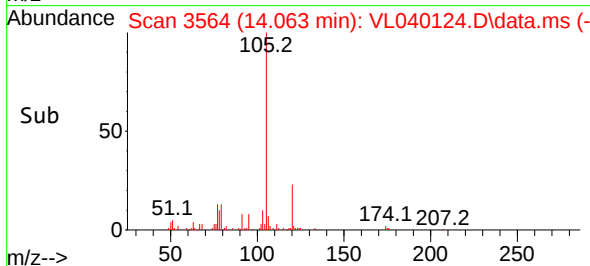
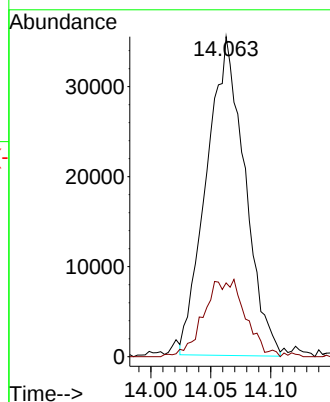
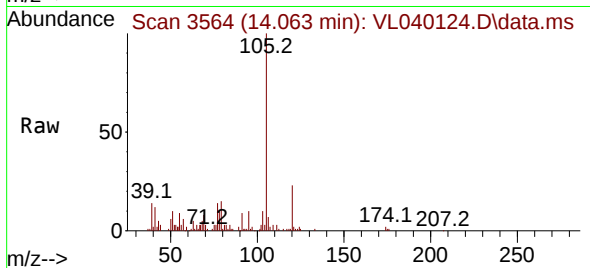
120 26.5 20.2 30.2

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Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#64

n-propylbenzene

Concen: 0.417 ppbv

RT: 14.947 min Scan# 3839

Delta R.T. 0.026 min

Lab File: VL040124.D

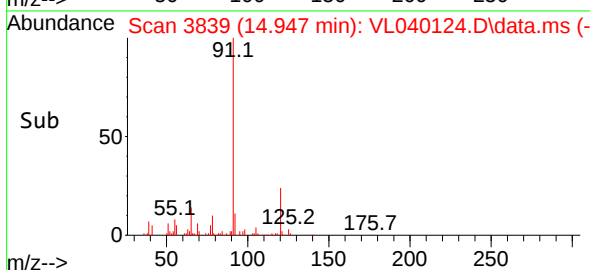
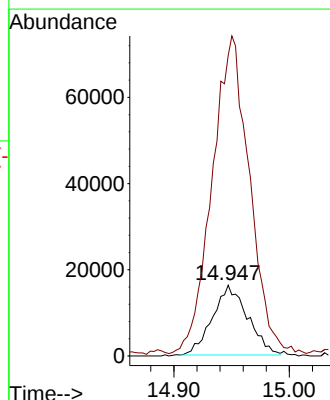
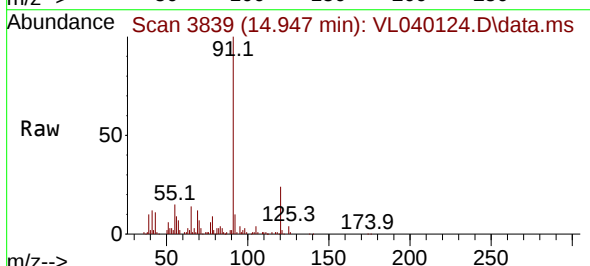
Acq: 19 Jan 2023 22:04

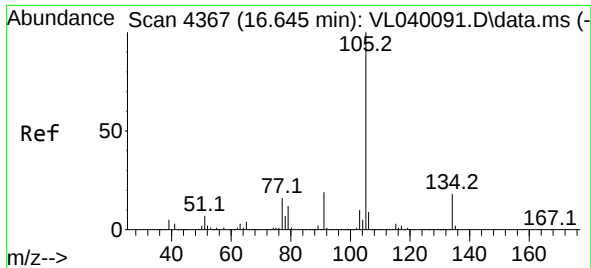
Tgt Ion:120 Resp: 34152

Ion Ratio Lower Upper

120 100

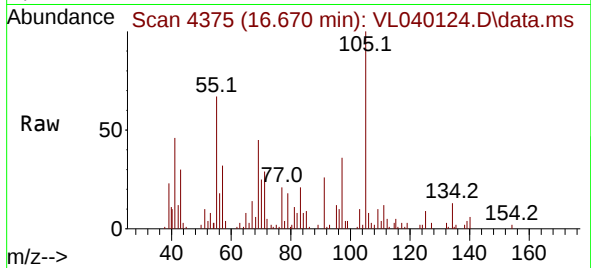
91 488.2 397.0 595.4





#67
 sec-Butylbenzene
 Concen: 0.111 ppbv m
 RT: 16.670 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL040124.D
 Acq: 19 Jan 2023 22:04

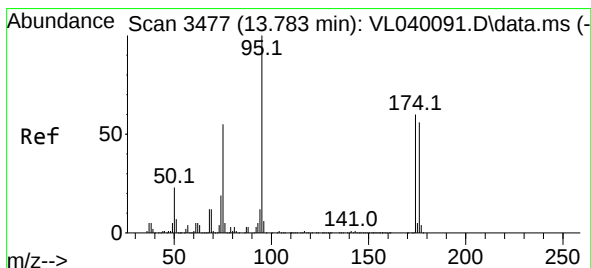
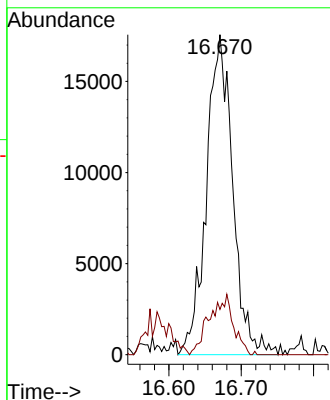
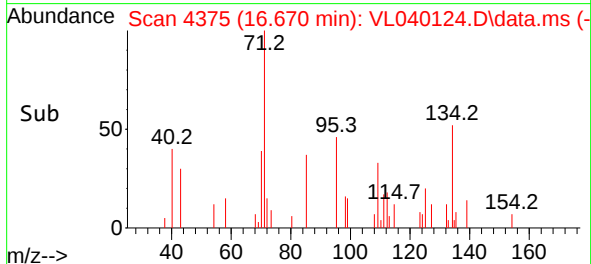
Instrument :
 MSVOA_L
 ClientSampleId :
 VP-4



Tgt Ion:105 Resp: 4442
 Ion Ratio Lower Upper
 105 100
 134 17.1 14.1 21.1

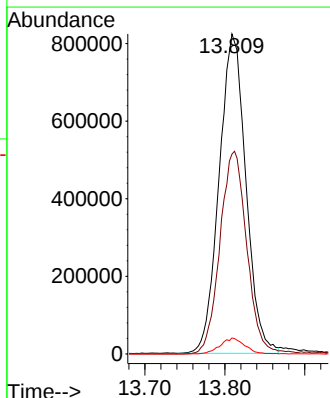
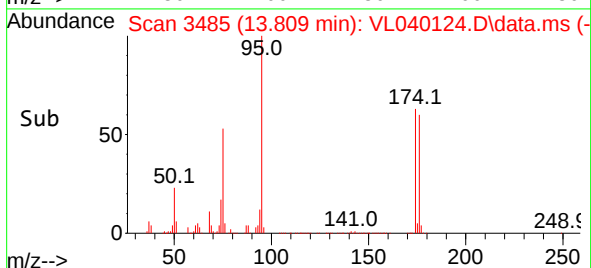
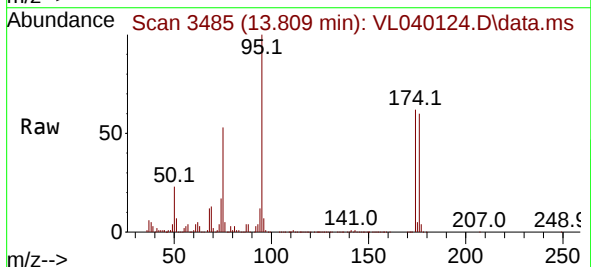
Manual Integrations
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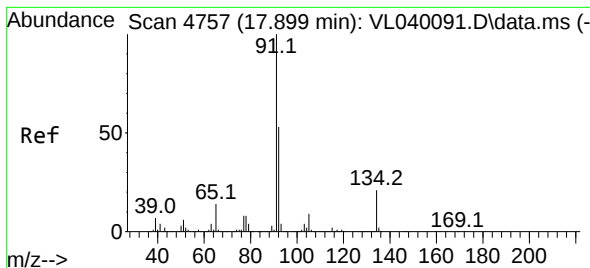
Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.573 ppbv
 RT: 13.809 min Scan# 3485
 Delta R.T. 0.026 min
 Lab File: VL040124.D
 Acq: 19 Jan 2023 22:04

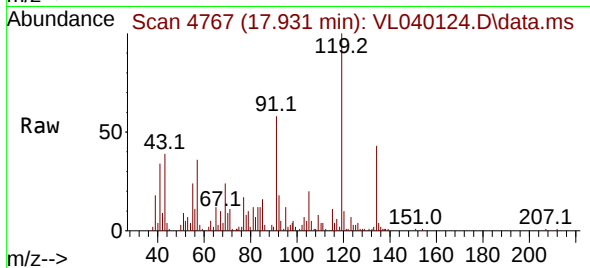
Tgt Ion: 95 Resp: 1913287
 Ion Ratio Lower Upper
 95 100
 174 64.2 47.7 71.5
 175 4.7 3.4 5.2





#70
n-Butylbenzene
Concen: 0.180 ppbv m
RT: 17.931 min Scan# 4757
Delta R.T. 0.032 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

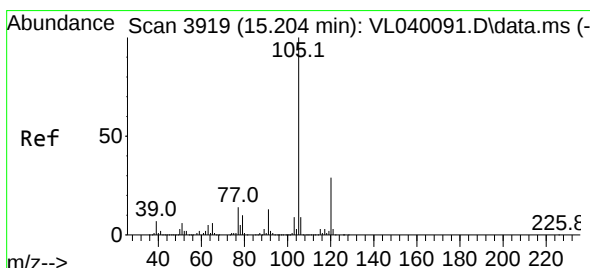
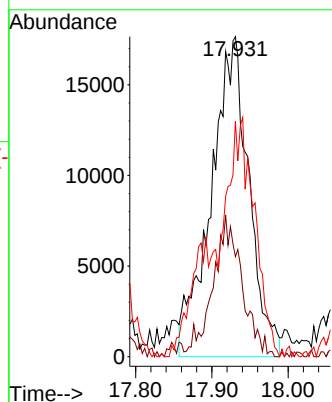
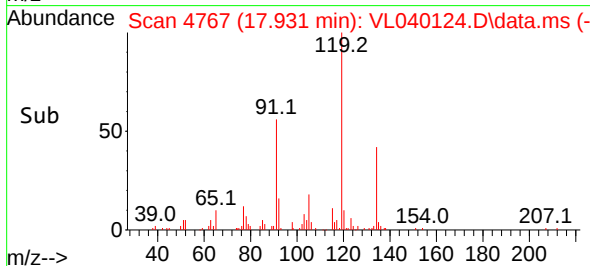
Instrument :
MSVOA_L
ClientSampleId :
VP-4



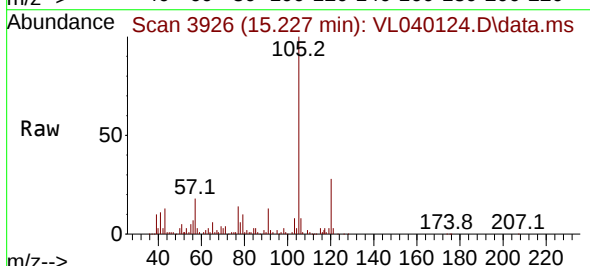
Tgt Ion: 91 Resp: 6086
Ion Ratio Lower Upper
91 100
92 0.0 42.8 64.2
134 79.8 16.9 25.3

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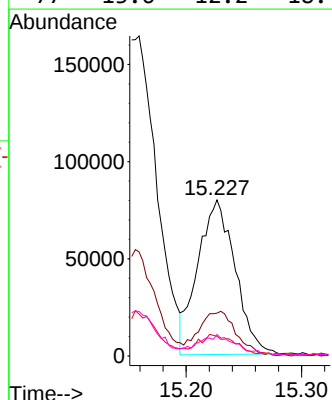
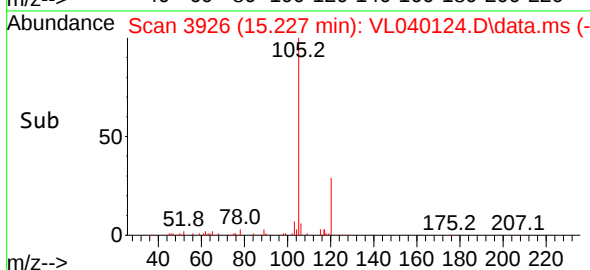
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

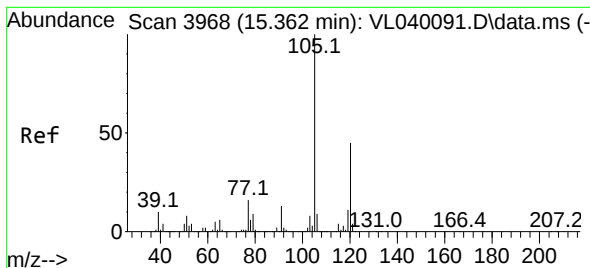


#72
4-Ethyltoluene
Concen: 0.705 ppbv
RT: 15.227 min Scan# 3926
Delta R.T. 0.022 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04



Tgt Ion:105 Resp: 179261
Ion Ratio Lower Upper
105 100
120 30.8 23.1 34.7
91 12.8 11.2 16.8
77 13.6 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.702 ppbv

RT: 15.388 min Scan# 3968

Delta R.T. 0.026 min

Lab File: VL040124.D

Acq: 19 Jan 2023 22:04

Instrument :

MSVOA_L

ClientSampleId :

VP-4

Tgt Ion:105 Resp: 160752

Ion Ratio Lower Upper

105 100

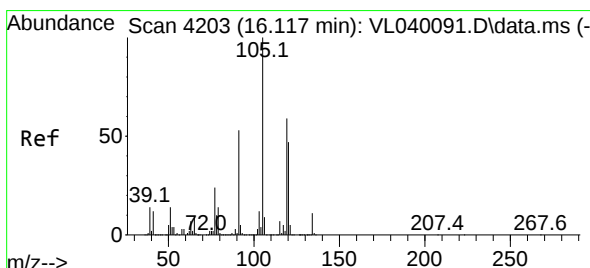
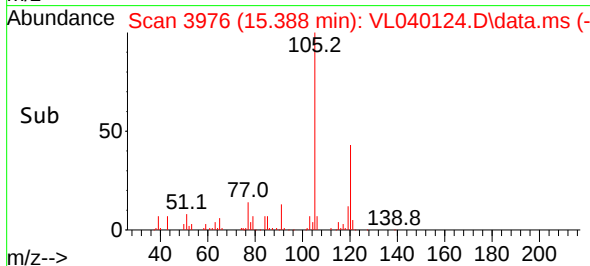
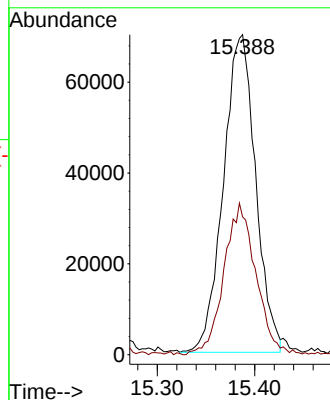
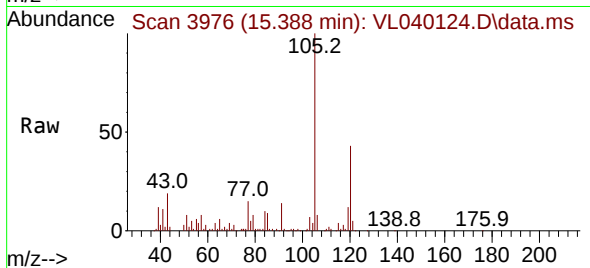
120 43.1 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#74

1,2,4-Trimethylbenzene

Concen: 2.159 ppbv

RT: 16.137 min Scan# 4209

Delta R.T. 0.019 min

Lab File: VL040124.D

Acq: 19 Jan 2023 22:04

Tgt Ion:105 Resp: 547346

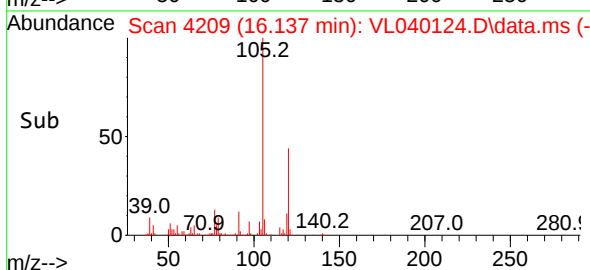
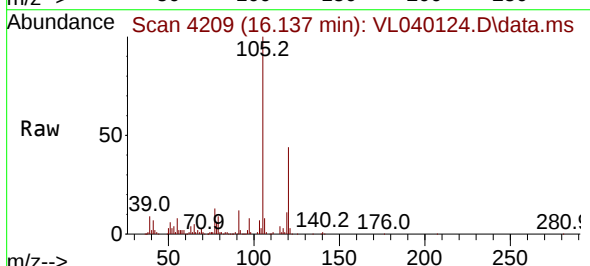
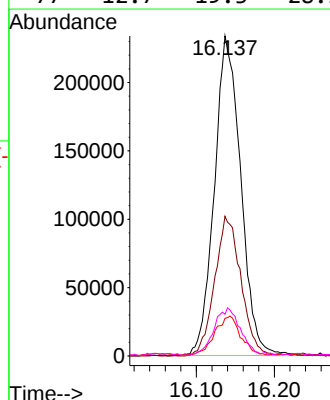
Ion Ratio Lower Upper

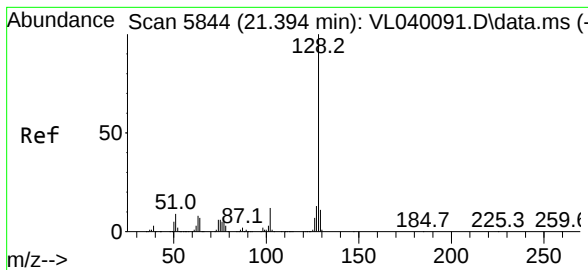
105 100

120 43.7 38.0 57.0

91 11.5 42.1 63.1#

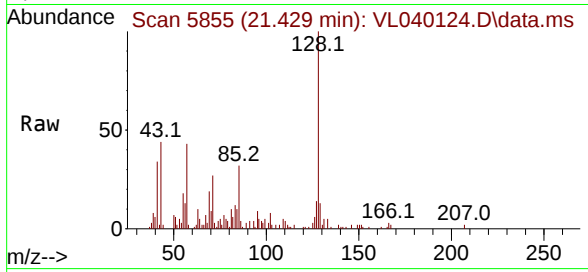
77 12.7 19.3 28.9#





#79
Naphthalene
Concen: 0.420 ppbv
RT: 21.429 min Scan# 5855
Delta R.T. 0.035 min
Lab File: VL040124.D
Acq: 19 Jan 2023 22:04

Instrument :
MSVOA_L
ClientSampleId :
VP-4



Tgt Ion:	128	Resp:	6095
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.3	15.5
129	12.9	8.8	13.2

Manual Integrations
APPROVED

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

