

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039096.D
 Acq On : 23 May 2022 23:05
 Operator : SY/AP
 Sample : N2956-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1

Quant Time: May 24 06:03:52 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 26 13:02:43 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/25/2022
 Supervised By : Mahesh Dadoda 05/26/2022

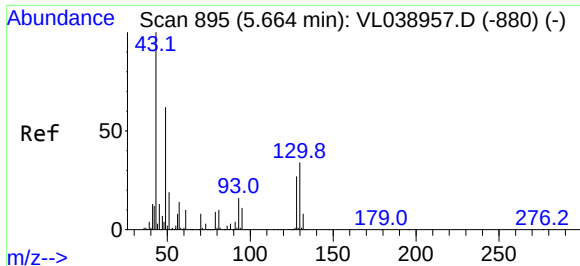
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.655	49	1104835	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	2563928	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.063	117	2347092	10.000	ppbv	-0.01

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 14.391 95 2097861 11.286 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 112.900%

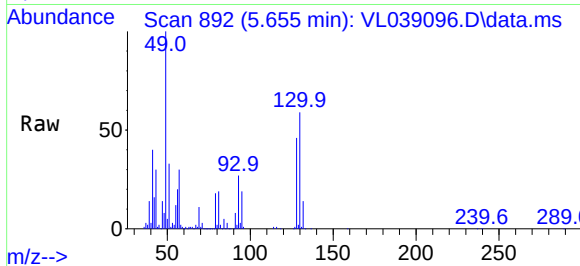
Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.044	85	30049m	0.174	ppbv
4) Chloromethane	3.140	50	45105m	0.657	ppbv
9) Propene	3.005	41	5602769	93.581	ppbv 93
10) Heptane	8.105	43	3249301	22.122	ppbv 99
11) Trichlorofluoromethane	3.941	101	54900	0.370	ppbv 99
12) 1,1,2-Trichlorotrifluo...	4.475	101	12140m	0.119	ppbv
13) Ethanol	3.591	45	427356	100.865	ppbv 90
15) Acetone	3.835	43	16794790	161.149	ppbv # 84
17) tert-Butyl alcohol	4.275	59	656266	8.193	ppbv 98
19) Isopropyl Alcohol	3.951	45	1370482	27.657	ppbv # 95
20) Methylene Chloride	4.336	84	329586	8.391	ppbv 98
26) Hexane	5.671	57	983686	8.875	ppbv # 38
27) Carbon Disulfide	4.539	76	303732	2.885	ppbv # 94
29) Chloroform	5.745	83	68536	0.382	ppbv 94
30) Cyclohexane	7.115	84	53383	0.575	ppbv # 1
32) 1,1,1-Trichloroethane	6.497	97	30078m	0.168	ppbv
34) 2-Butanone	5.224	43	3982303	30.445	ppbv 99
36) Benzene	6.877	78	1226751	5.591	ppbv 98
41) Tetrahydrofuran	6.025	42	1363614	15.511	ppbv 98
44) 2,2,4-Trimethylpentane	7.851	57	223032	0.579	ppbv # 38
50) 4-Methyl-2-Pentanone	8.719	43	541348	2.360	ppbv 96
52) Tetrachloroethene	11.204	164	177321	2.261	ppbv 98
53) Toluene	9.786	91	1760159	7.157	ppbv 100
58) Ethyl Benzene	12.693	91	641584	1.899	ppbv 98
59) m/p-Xylene	12.950	91	2199059m	7.626	ppbv
60) o-Xylene	13.667	91	906162	3.339	ppbv 98
61) Styrene	13.507	104	38458m	0.265	ppbv
62) Isopropylbenzene	14.645	105	107901	0.272	ppbv 97
64) n-propylbenzene	15.539	120	85319	0.889	ppbv 95
67) sec-Butylbenzene	17.268	105	93879m	0.189	ppbv
69) p-Isopropyltoluene	17.622	119	88270m	0.220	ppbv
70) n-Butylbenzene	18.529	91	298758	0.701	ppbv # 36
72) 4-Ethyltoluene	15.815	105	648904	2.098	ppbv # 96
73) 1,3,5-Trimethylbenzene	15.973	105	682923	2.453	ppbv 98
74) 1,2,4-Trimethylbenzene	16.735	105	2487981	8.161	ppbv # 67
79) Naphthalene	22.156	128	357636m	1.444	ppbv
80) Naphthalene,2-methyl-	24.950	142	67364m	0.899	ppbv

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

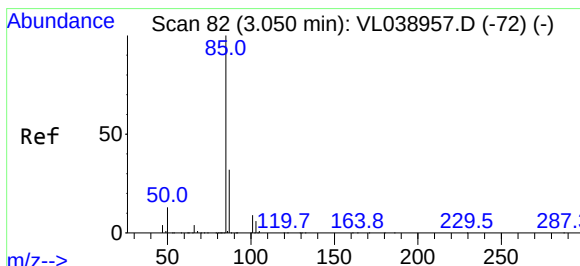
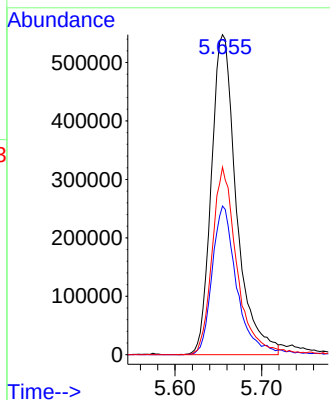
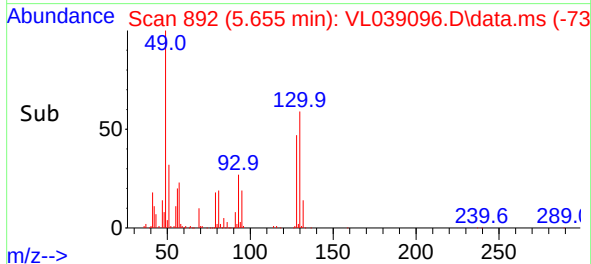
Instrument :
MSVOA_L
ClientSampleId :
VP-1



Tgt Ion: 49 Resp: 110483
Ion Ratio Lower Upper
49 100
128 46.4 23.3 69.8
130 58.6 29.8 89.3

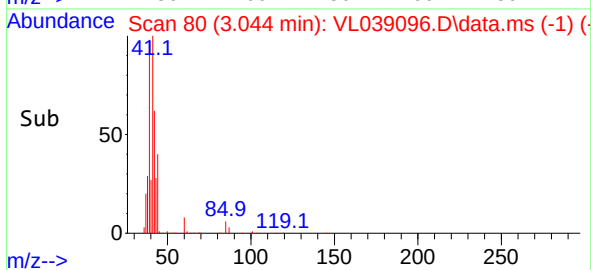
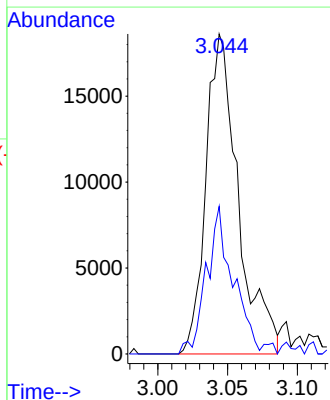
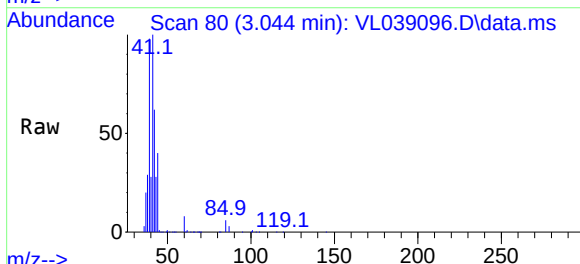
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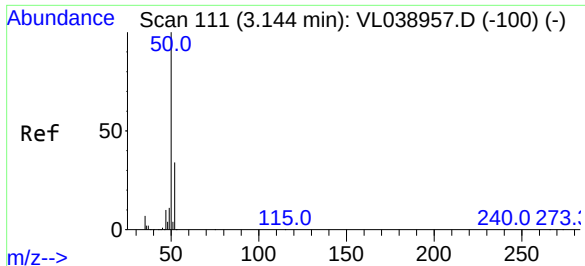
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#2
Dichlorodifluoromethane
Concen: 0.174 ppbv m
RT: 3.044 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

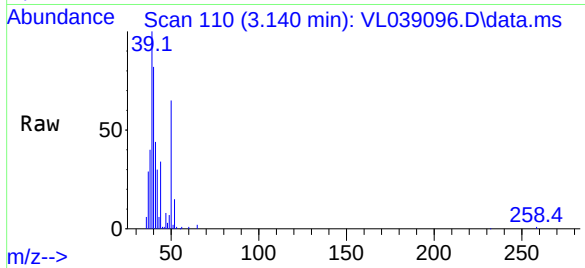
Tgt Ion: 85 Resp: 30049
Ion Ratio Lower Upper
85 100
87 46.1 25.7 38.5





#4
Chloromethane
Concen: 0.657 ppbv m
RT: 3.140 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

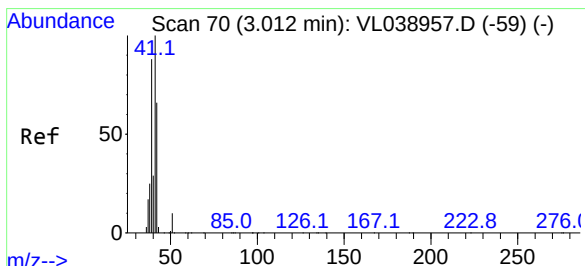
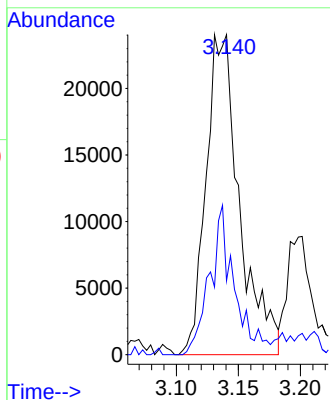
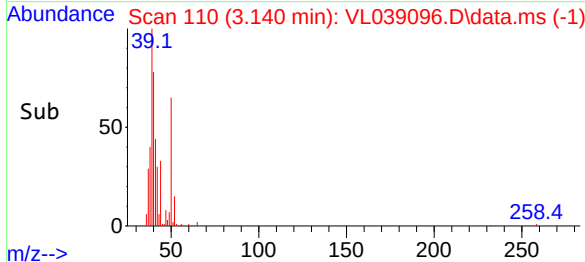
Instrument :
MSVOA_L
ClientSampleId :
VP-1



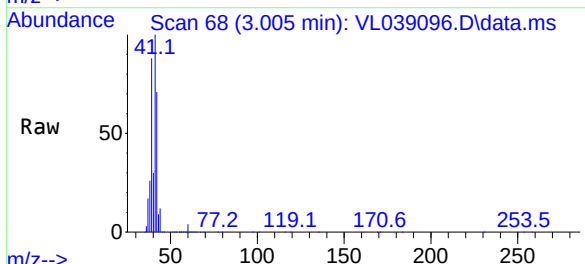
Tgt Ion: 50 Resp: 4510
Ion Ratio Lower Upper
50 100
52 23.1 27.3 40.9

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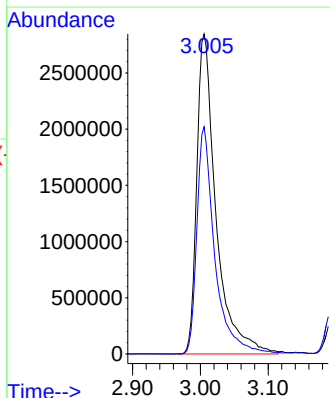
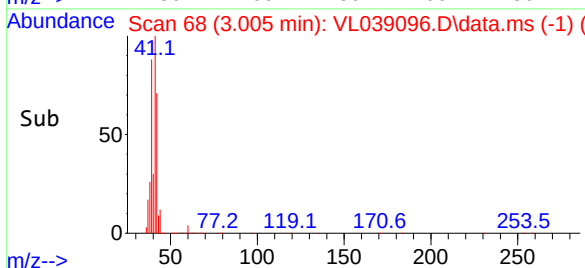
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

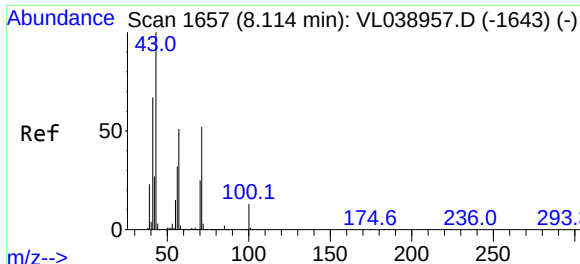


#9
Propene
Concen: 93.581 ppbv
RT: 3.005 min Scan# 68
Delta R.T. -0.006 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05



Tgt Ion: 41 Resp: 5602769
Ion Ratio Lower Upper
41 100
42 66.8 58.3 87.5





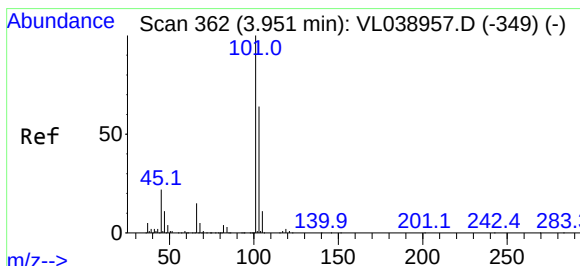
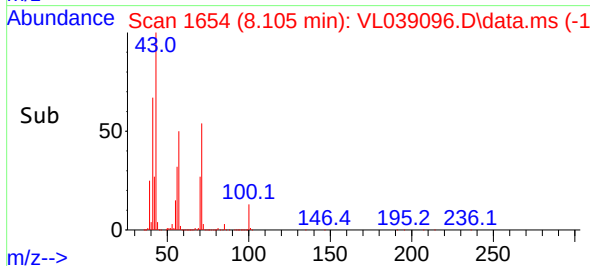
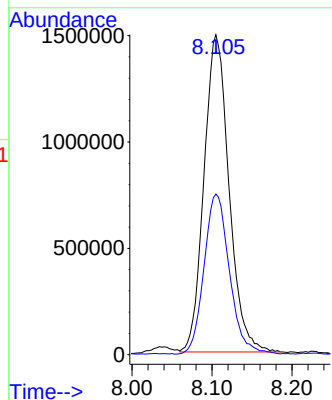
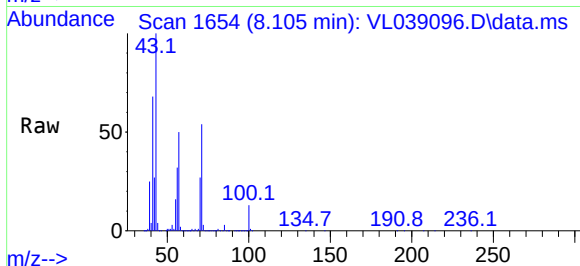
#10
Heptane
Concen: 22.122 ppbv
RT: 8.105 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 43 Resp: 324930
Ion Ratio Lower Upper
43 100
57 51.3 40.5 60.7

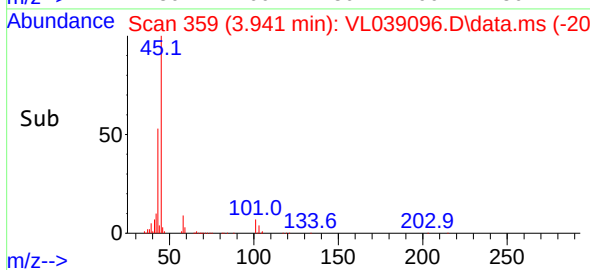
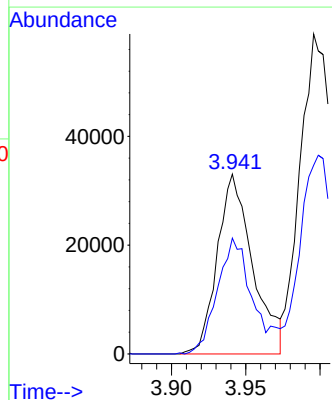
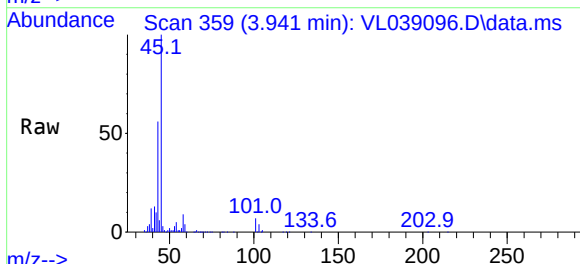
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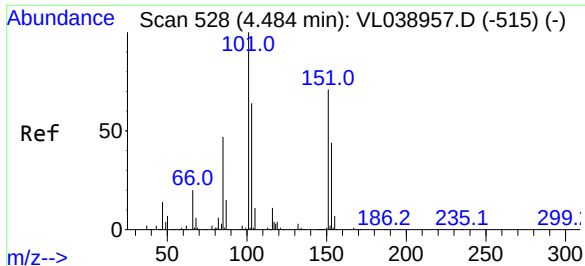
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#11
Trichlorofluoromethane
Concen: 0.370 ppbv
RT: 3.941 min Scan# 359
Delta R.T. -0.010 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

Tgt Ion:101 Resp: 54900
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3





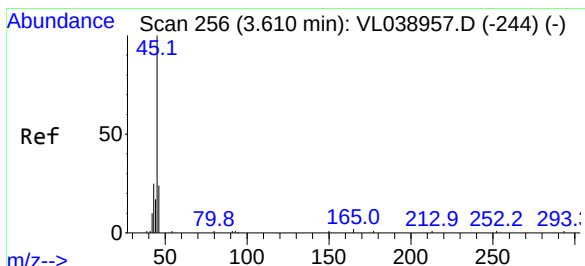
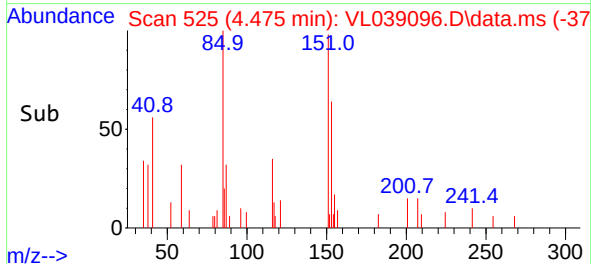
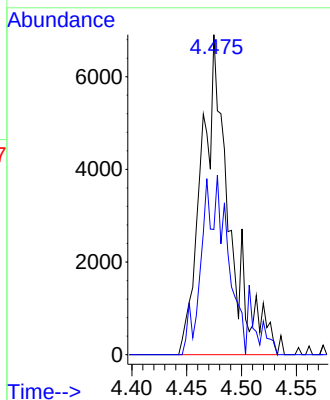
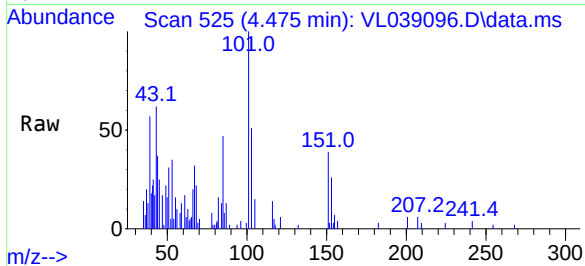
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.119 ppbv m
RT: 4.475 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 101 Resp: 12140
Ion Ratio Lower Upper
101 100
151 59.0 55.4 83.0

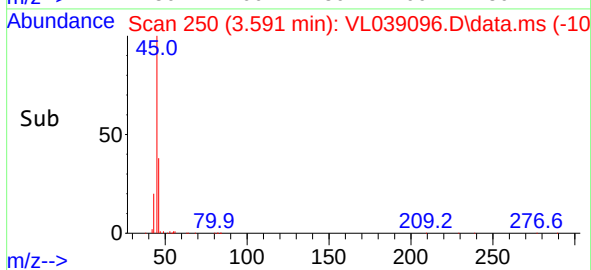
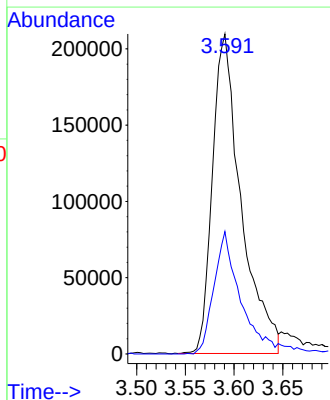
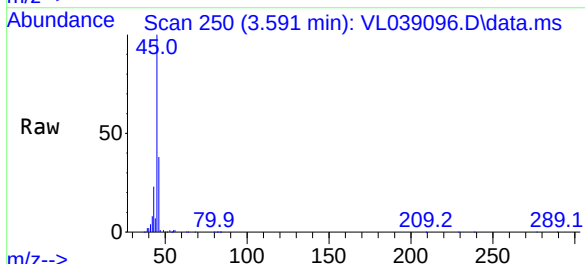
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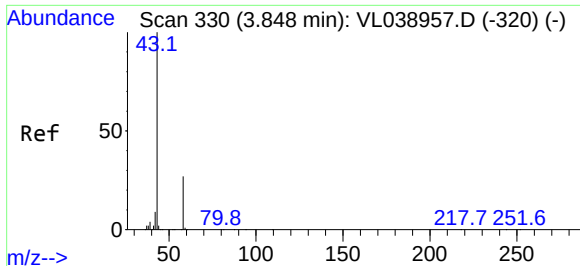
Reviewed By : Semsettin Yesilyurt 05/25/2022
Supervised By : Mahesh Dadoda 05/26/2022



#13
Ethanol
Concen: 100.865 ppbv
RT: 3.591 min Scan# 250
Delta R.T. -0.019 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

Tgt Ion: 45 Resp: 427356
Ion Ratio Lower Upper
45 100
46 38.5 18.0 72.2





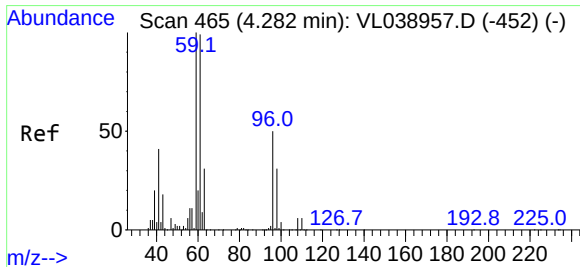
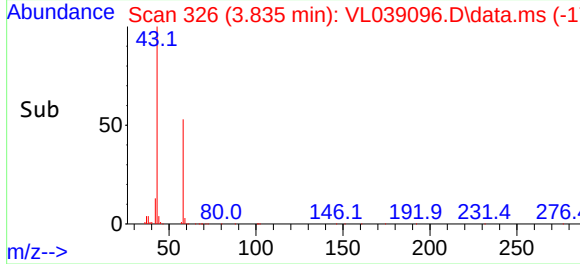
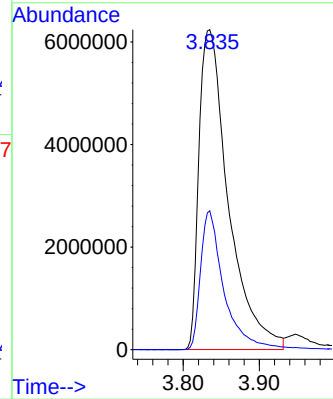
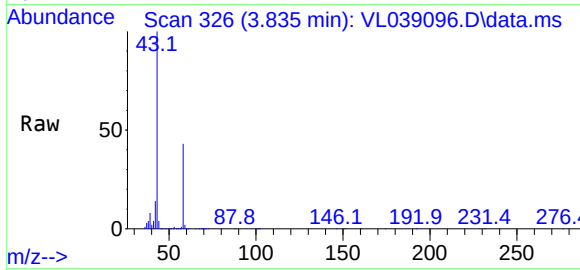
#15
Acetone
Concen: 161.149 ppbv
RT: 3.835 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 43 Resp:16794790
Ion Ratio Lower Upper
43 100
58 35.1 21.3 31.9

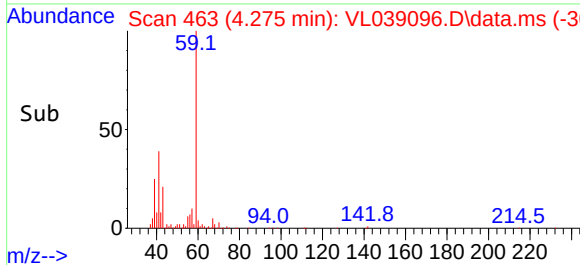
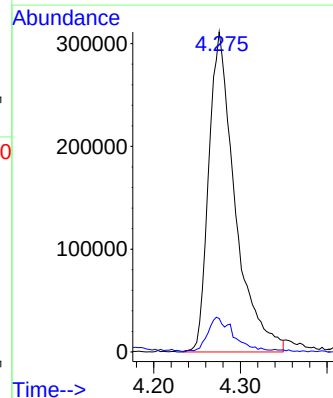
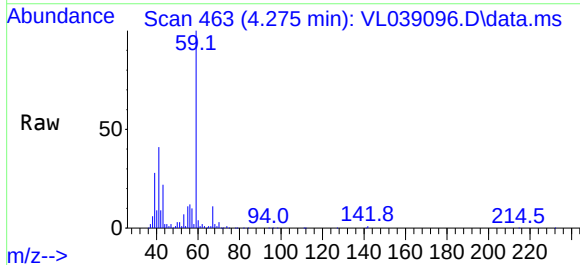
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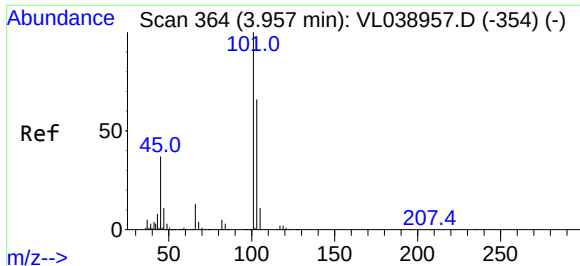
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#17
tert-Butyl alcohol
Concen: 8.193 ppbv
RT: 4.275 min Scan# 463
Delta R.T. -0.006 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

Tgt Ion: 59 Resp: 656266
Ion Ratio Lower Upper
59 100
57 10.5 9.2 13.8





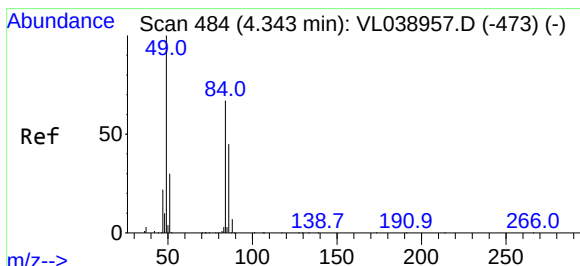
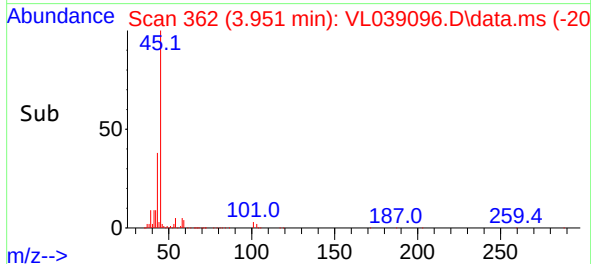
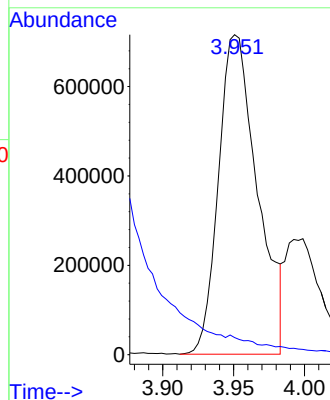
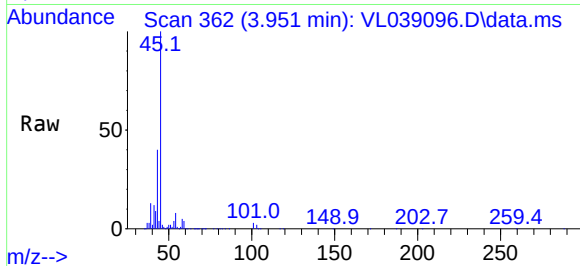
#19
Isopropyl Alcohol
Concen: 27.657 ppbv
RT: 3.951 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 45 Resp: 137048
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.2

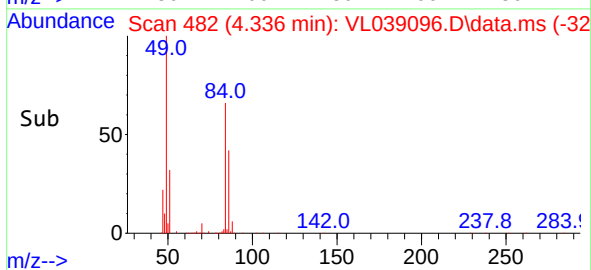
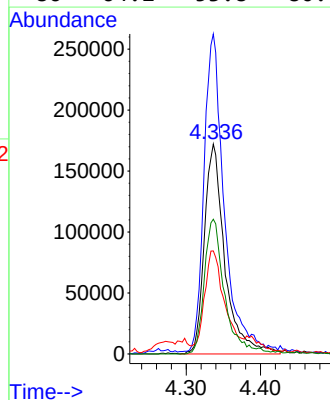
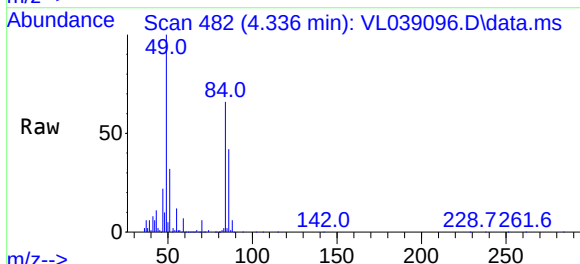
Manual Integrations
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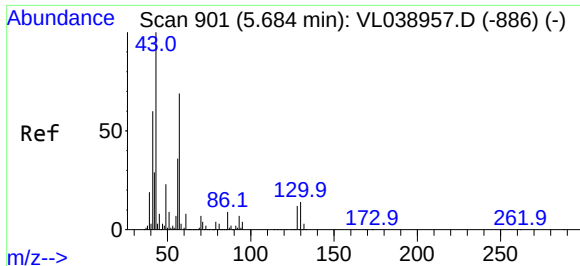
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#20
Methylene Chloride
Concen: 8.391 ppbv
RT: 4.336 min Scan# 482
Delta R.T. -0.006 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

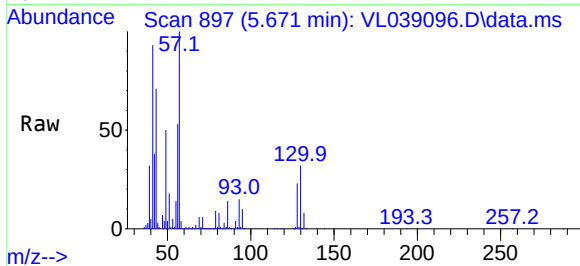
Tgt Ion: 84 Resp: 329586
Ion Ratio Lower Upper
84 100
49 151.3 119.9 179.9
51 47.6 35.7 53.5
86 64.2 53.8 80.6





#26
Hexane
Concen: 8.875 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.013 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

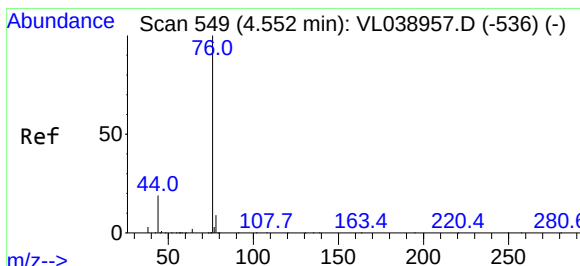
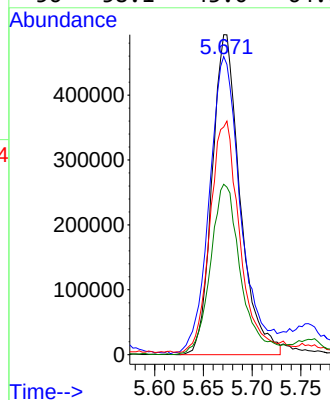
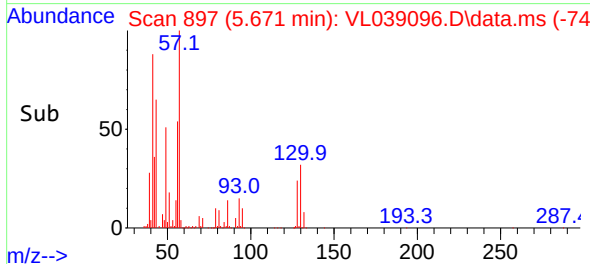
Instrument :
MSVOA_L
ClientSampleId :
VP-1



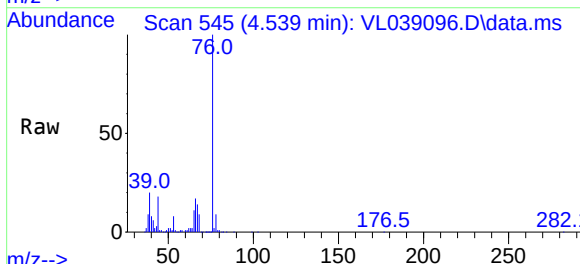
Tgt Ion: 57 Resp: 983680
Ion Ratio Lower Upper
57 100
41 103.6 75.2 112.8
43 77.9 190.8 286.2
56 58.1 43.0 64.6

Manual Integrations
APPROVED

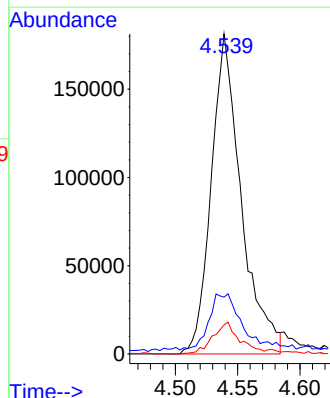
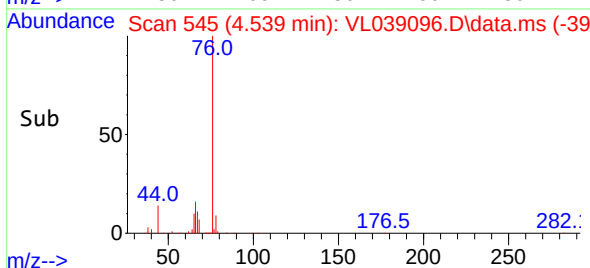
Reviewed By :Semsettin Yesilyurt 05/25/2022
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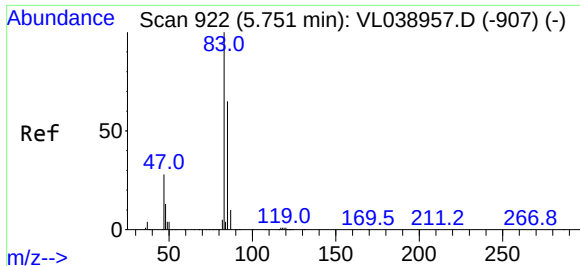


#27
Carbon Disulfide
Concen: 2.885 ppbv
RT: 4.539 min Scan# 545
Delta R.T. -0.013 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05



Tgt Ion: 76 Resp: 303732
Ion Ratio Lower Upper
76 100
44 23.2 15.3 22.9
78 10.0 8.2 12.2





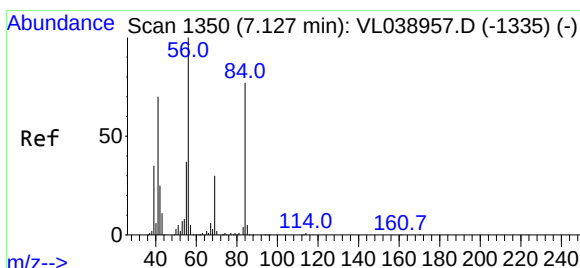
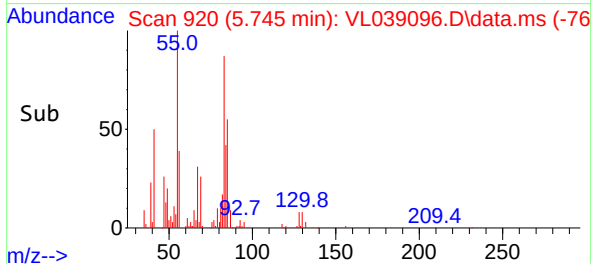
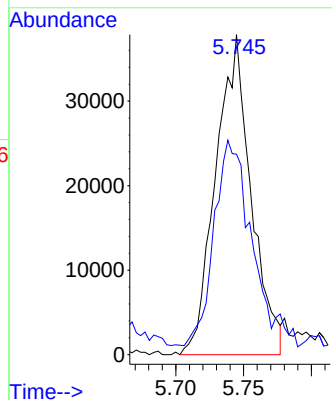
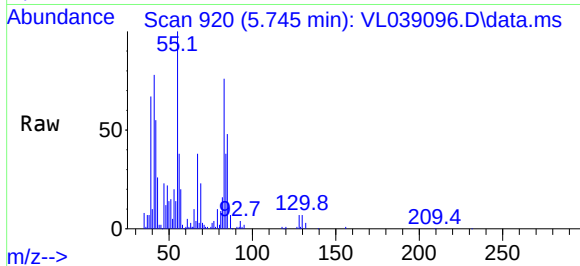
#29
Chloroform
Concen: 0.382 ppbv
RT: 5.745 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 83 Resp: 68536
Ion Ratio Lower Upper
83 100
85 59.7 51.8 77.6

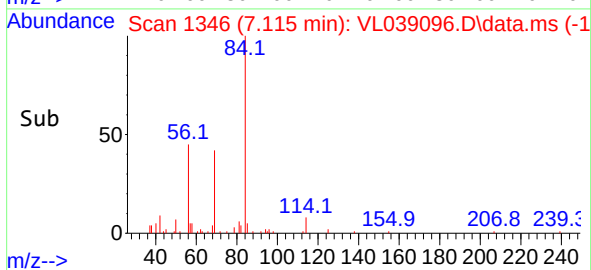
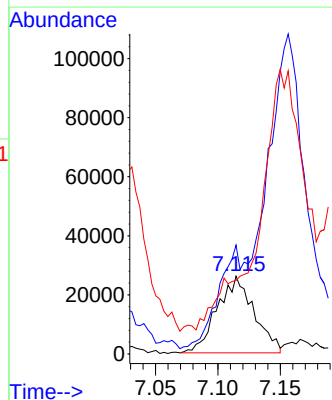
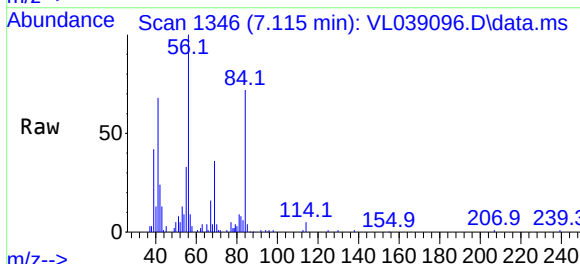
Manual Integrations
APPROVED

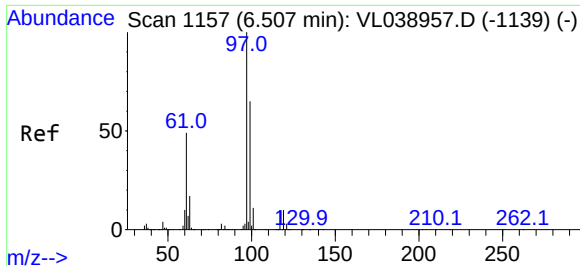
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#30
Cyclohexane
Concen: 0.575 ppbv
RT: 7.115 min Scan# 1346
Delta R.T. -0.013 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

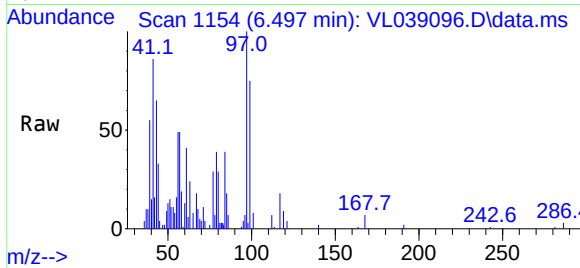
Tgt Ion: 84 Resp: 53383
Ion Ratio Lower Upper
84 100
56 0.0 115.3 172.9#
41 0.0 72.0 108.0#





#32
1,1,1-Trichloroethane
Concen: 0.168 ppbv m
RT: 6.497 min Scan# 1157
Delta R.T. -0.010 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

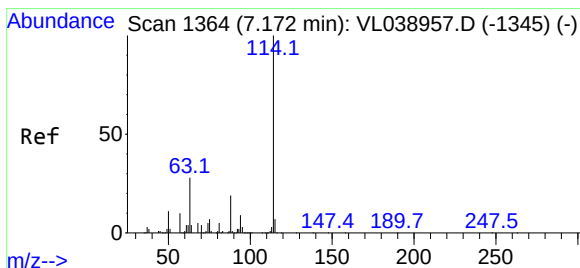
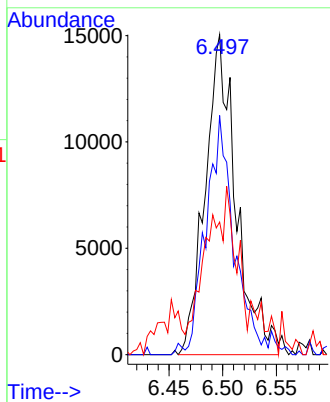
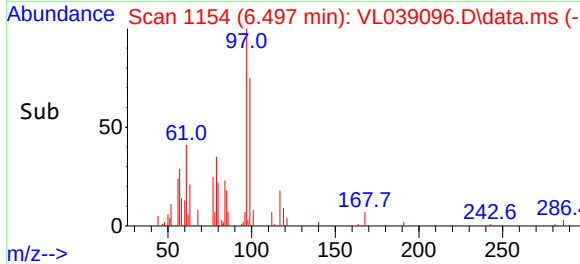
Instrument :
MSVOA_L
ClientSampleId :
VP-1



Tgt Ion: 97 Resp: 30078
Ion Ratio Lower Upper
97 100
99 70.0 51.9 77.9
61 0.0 40.9 61.3

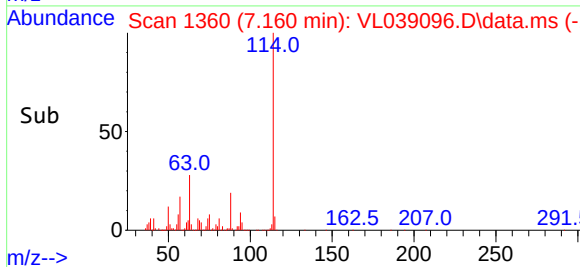
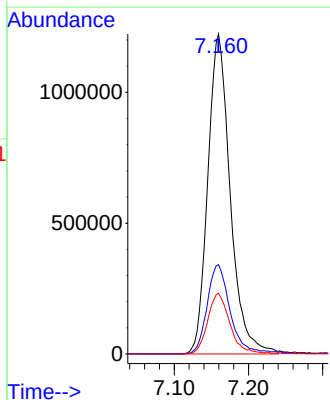
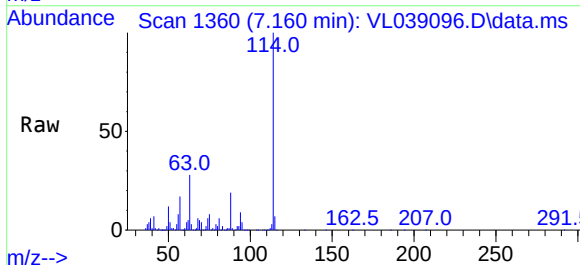
Manual Integrations
APPROVED

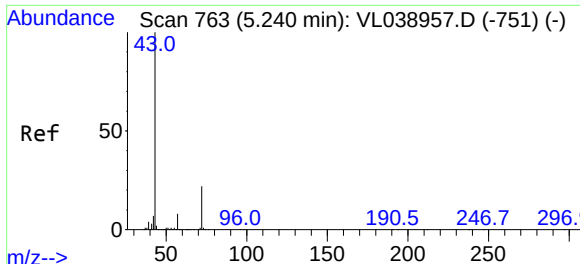
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. -0.013 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

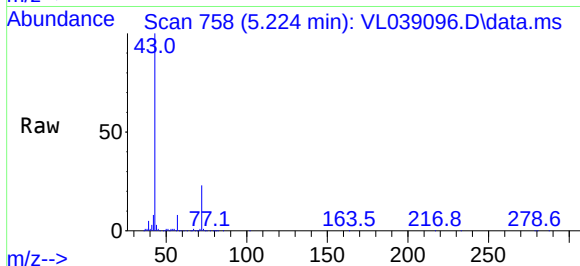
Tgt Ion:114 Resp: 2563928
Ion Ratio Lower Upper
114 100
63 29.2 22.6 33.8
88 18.9 15.4 23.0





#34
2-Butanone
Concen: 30.445 ppbv
RT: 5.224 min Scan# 71
Delta R.T. -0.016 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

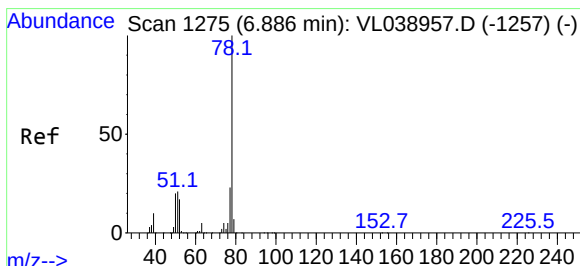
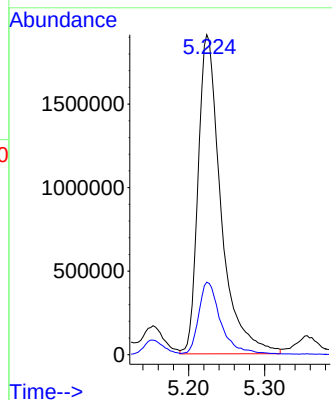
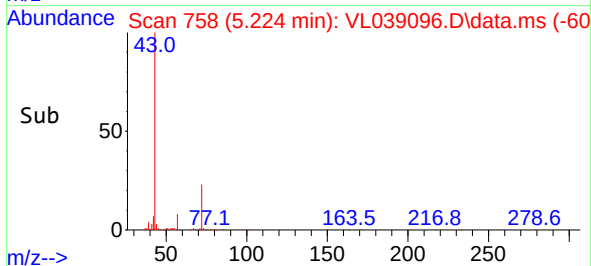
Instrument :
MSVOA_L
ClientSampleId :
VP-1



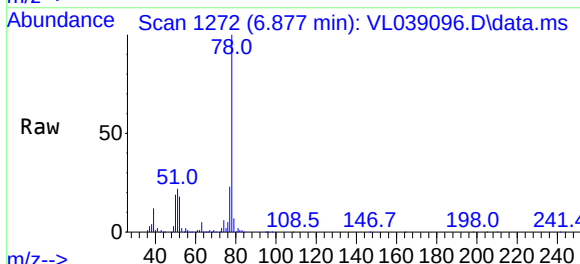
Tgt Ion: 43 Resp: 398230
Ion Ratio Lower Upper
43 100
72 22.5 17.8 26.6

Manual Integrations
APPROVED

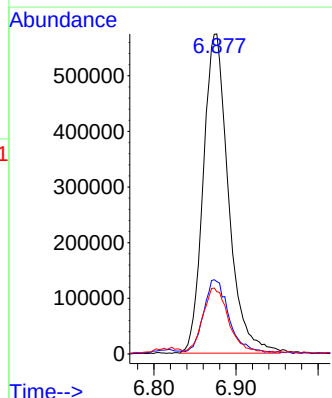
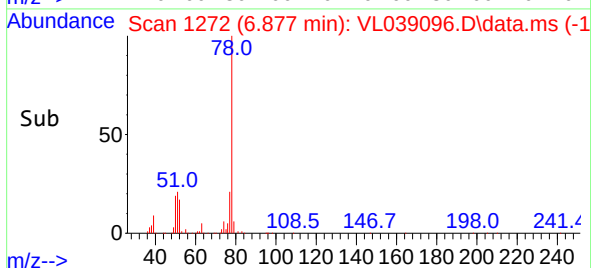
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

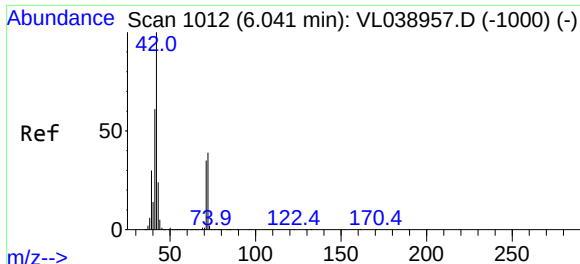


#36
Benzene
Concen: 5.591 ppbv
RT: 6.877 min Scan# 1272
Delta R.T. -0.010 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05



Tgt Ion: 78 Resp: 1226751
Ion Ratio Lower Upper
78 100
77 22.1 18.6 28.0
50 18.8 15.6 23.4





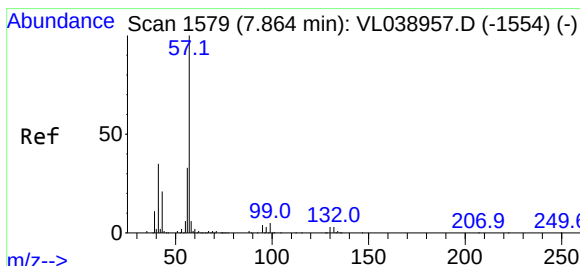
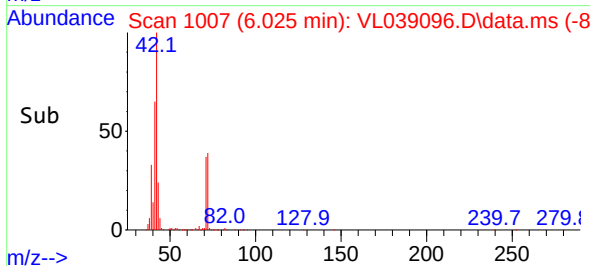
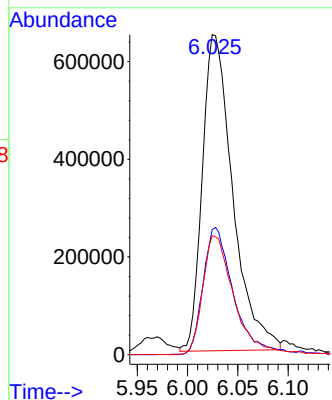
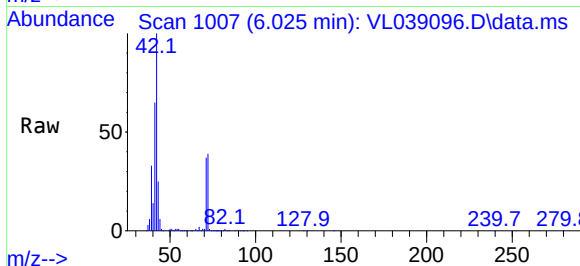
#41
Tetrahydrofuran
Concen: 15.511 ppbv
RT: 6.025 min Scan# 1012
Delta R.T. -0.016 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 42 Resp: 1363614
Ion Ratio Lower Upper
42 100
72 41.2 31.8 47.6
71 39.3 30.6 45.8

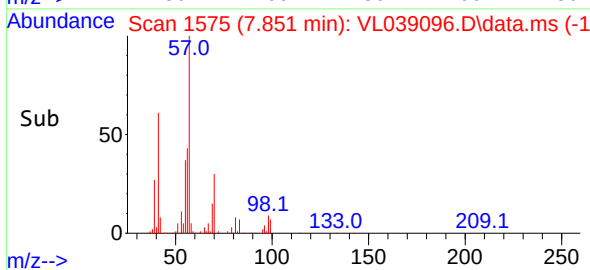
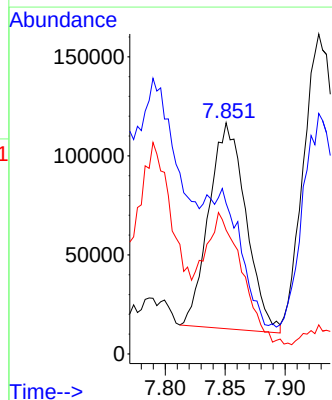
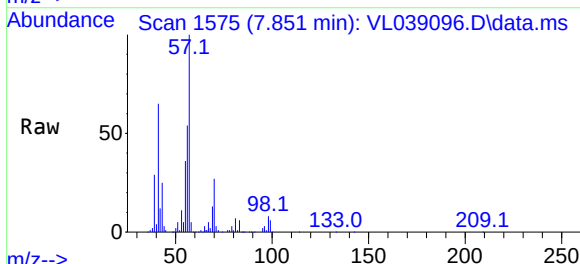
Manual Integrations
APPROVED

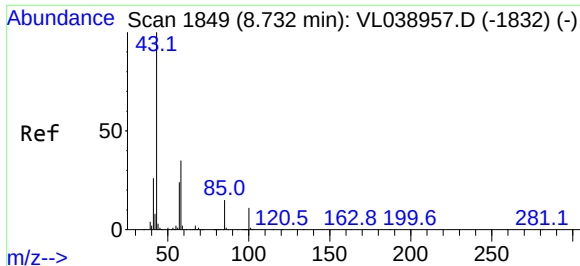
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#44
2,2,4-Trimethylpentane
Concen: 0.579 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. -0.013 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

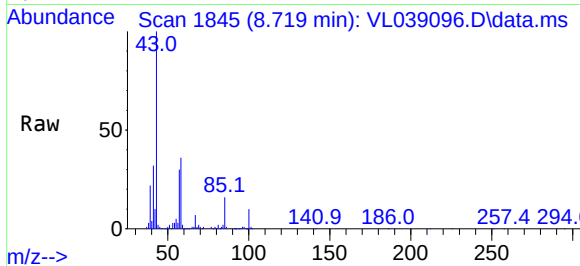
Tgt Ion: 57 Resp: 223032
Ion Ratio Lower Upper
57 100
41 0.0 26.3 39.5#
56 67.3 24.6 37.0#





#50
4-Methyl-2-Pentanone
Concen: 2.360 ppbv
RT: 8.719 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

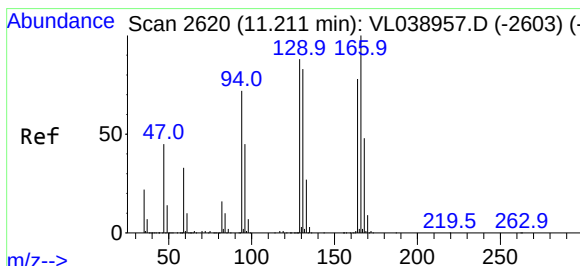
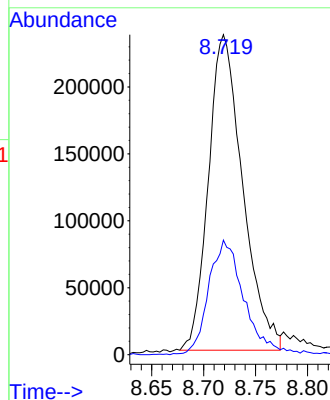
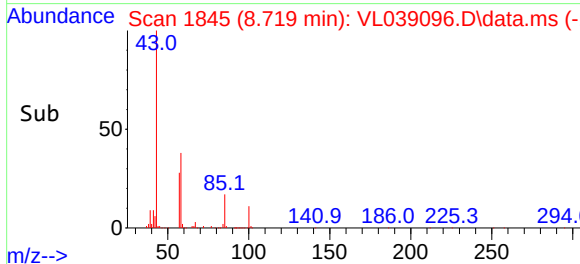
Instrument :
MSVOA_L
ClientSampleId :
VP-1



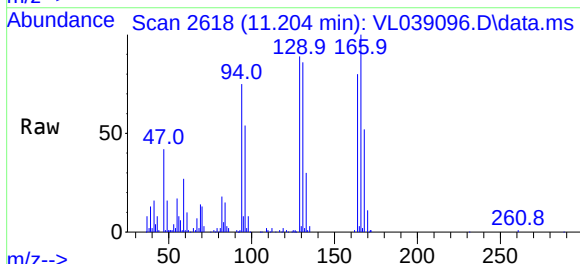
Tgt Ion: 43 Resp: 541348
Ion Ratio Lower Upper
43 100
58 38.1 28.4 42.6

Manual Integrations
APPROVED

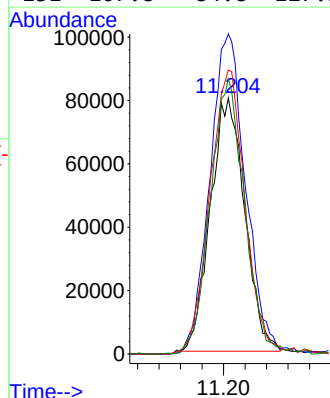
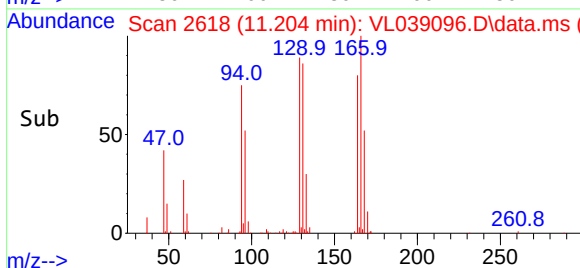
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

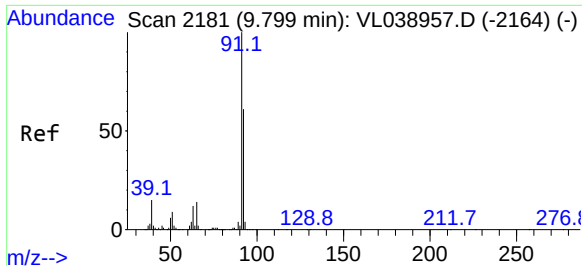


#52
Tetrachloroethene
Concen: 2.261 ppbv
RT: 11.204 min Scan# 2618
Delta R.T. -0.006 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05



Tgt Ion:164 Resp: 177321
Ion Ratio Lower Upper
164 100
166 125.9 102.5 153.7
129 110.7 90.1 135.1
131 107.8 84.8 127.2





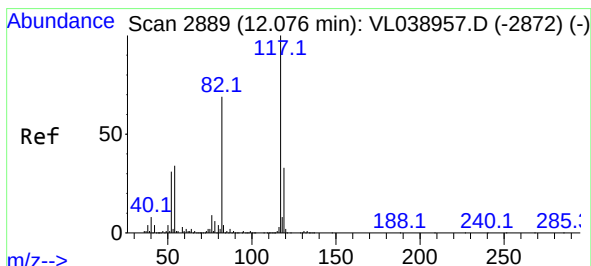
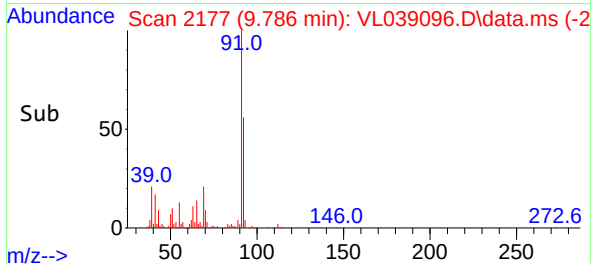
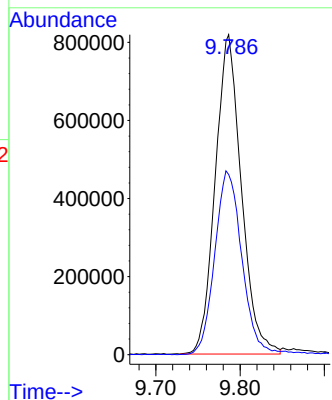
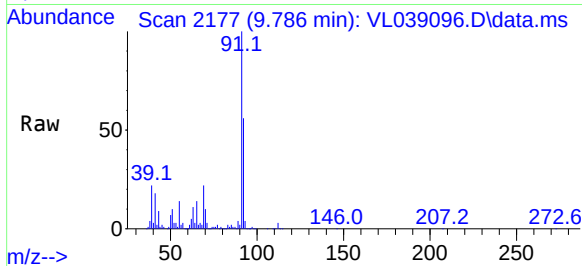
#53
Toluene
Concen: 7.157 ppbv
RT: 9.786 min Scan# 2181
Delta R.T. -0.013 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 91 Resp: 1760159
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.2

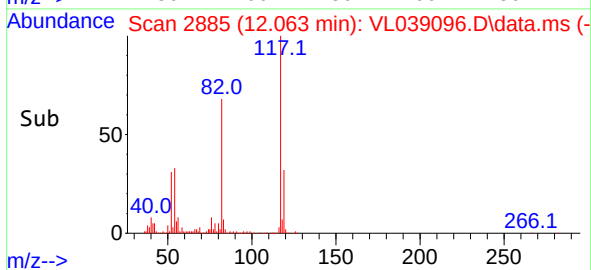
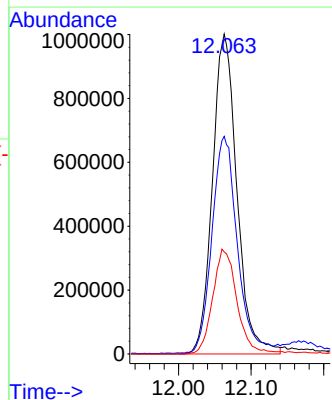
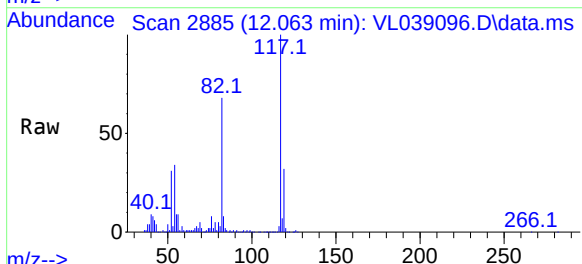
Manual Integrations
APPROVED

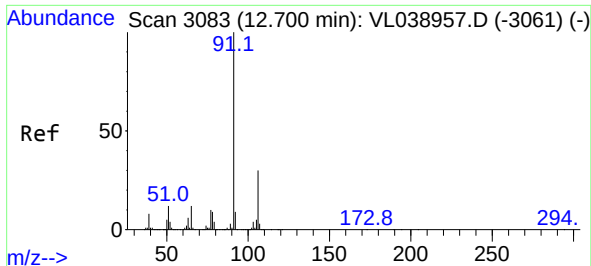
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.063 min Scan# 2885
Delta R.T. -0.013 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

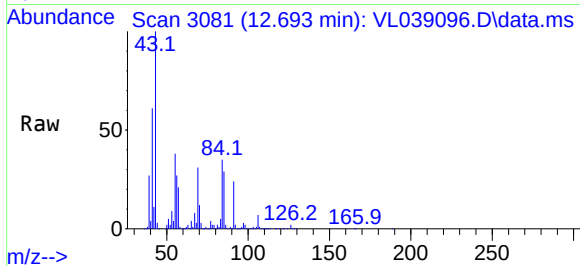
Tgt Ion:117 Resp: 2347092
Ion Ratio Lower Upper
117 100
82 70.6 57.0 85.6
119 33.1 27.2 40.8





#58
Ethyl Benzene
Concen: 1.899 ppbv
RT: 12.693 min Scan# 3081
Delta R.T. -0.006 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

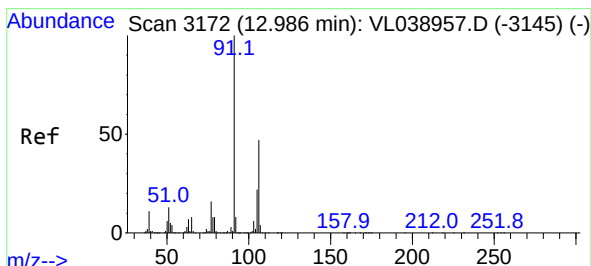
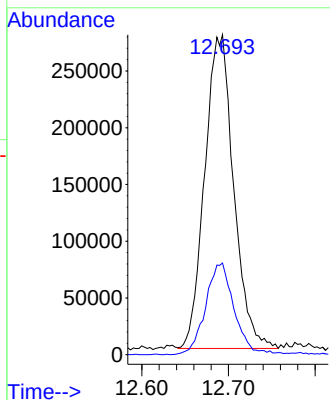
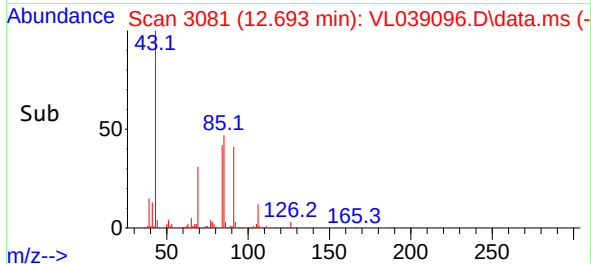
Instrument :
MSVOA_L
ClientSampleId :
VP-1



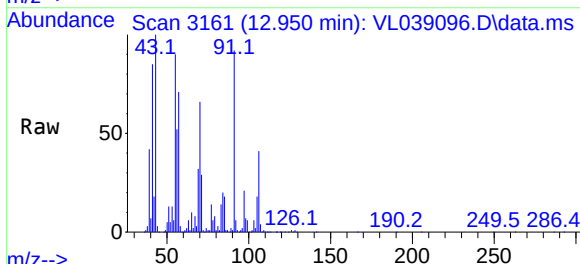
Tgt Ion: 91 Resp: 641584
Ion Ratio Lower Upper
91 100
106 29.0 24.2 36.4

Manual Integrations
APPROVED

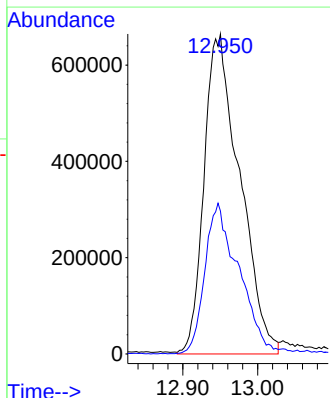
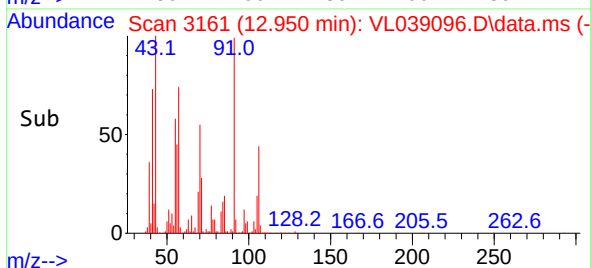
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

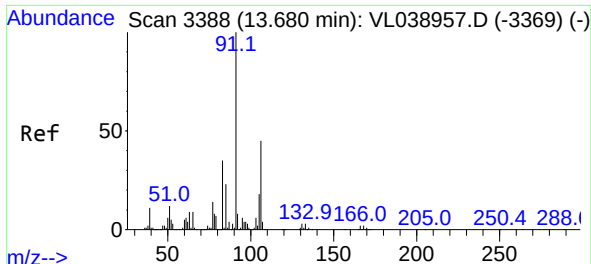


#59
m/p-Xylene
Concen: 7.626 ppbv m
RT: 12.950 min Scan# 3161
Delta R.T. -0.035 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05



Tgt Ion: 91 Resp: 2199059
Ion Ratio Lower Upper
91 100
106 46.4 34.6 52.0





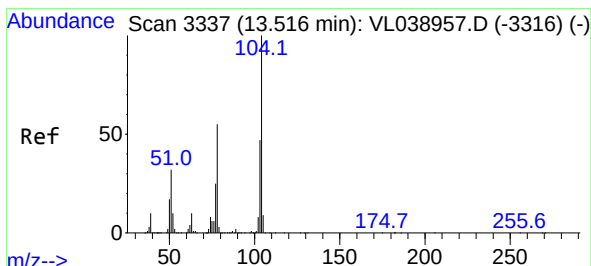
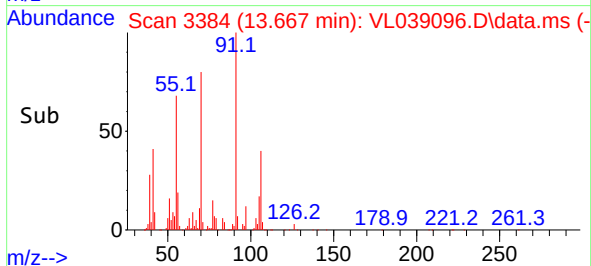
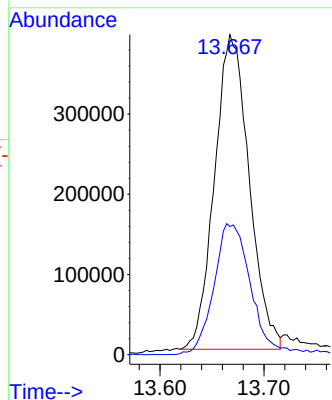
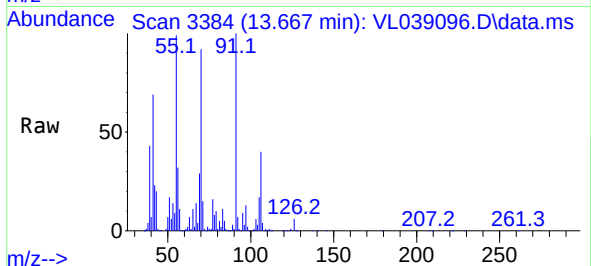
#60
o-Xylene
Concen: 3.339 ppbv
RT: 13.667 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion: 91 Resp: 906162
Ion Ratio Lower Upper
91 100
106 45.4 22.2 66.6

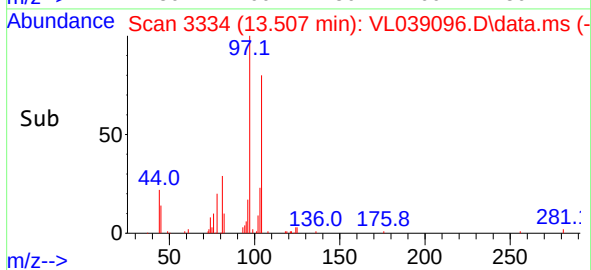
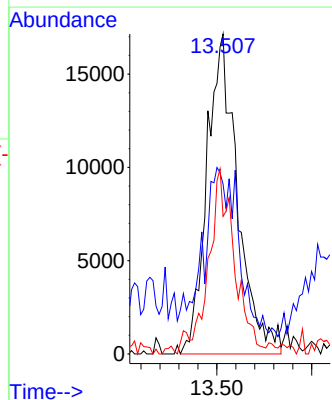
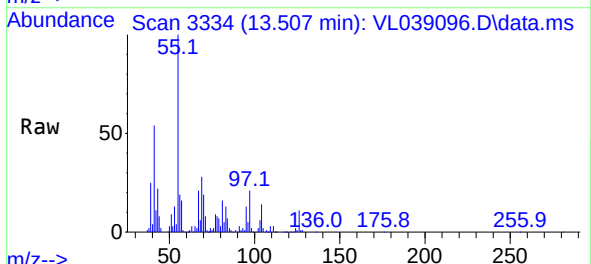
Manual Integrations
APPROVED

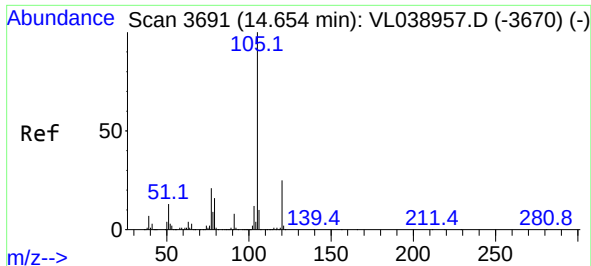
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#61
Styrene
Concen: 0.265 ppbv m
RT: 13.507 min Scan# 3334
Delta R.T. -0.010 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

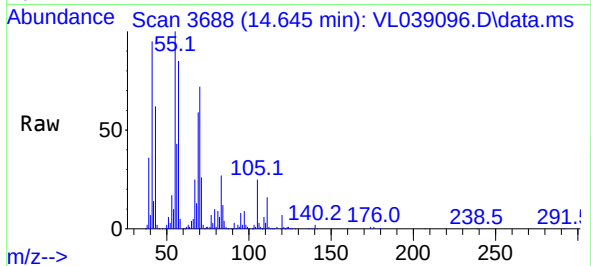
Tgt Ion:104 Resp: 38458
Ion Ratio Lower Upper
104 100
78 52.9 46.4 69.6
103 51.6 39.3 58.9





#62
Isopropylbenzene
Concen: 0.272 ppbv
RT: 14.645 min Scan# 30
Delta R.T. -0.009 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

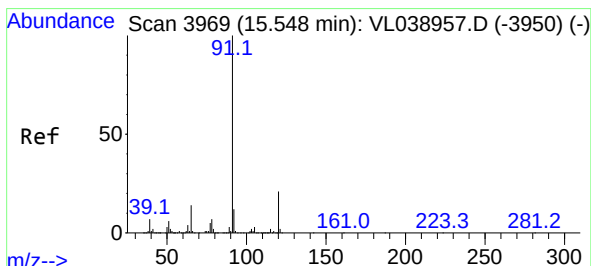
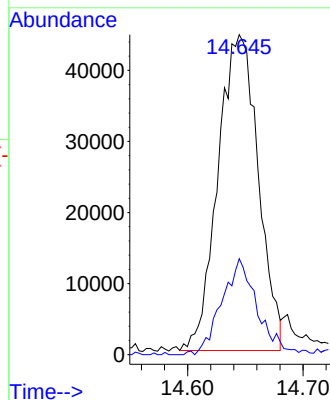
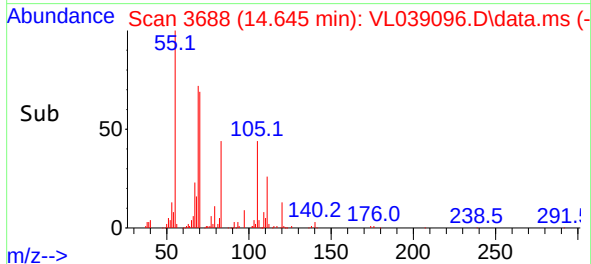
Instrument :
MSVOA_L
ClientSampleId :
VP-1



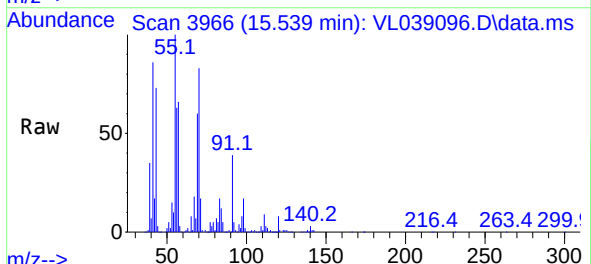
Tgt Ion:105 Resp: 10790
Ion Ratio Lower Upper
105 100
120 27.3 20.5 30.7

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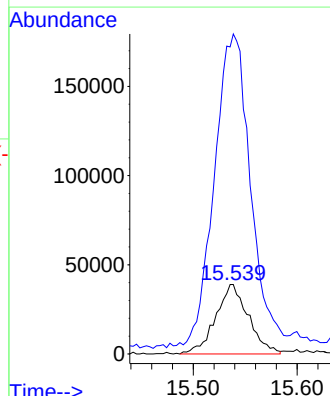
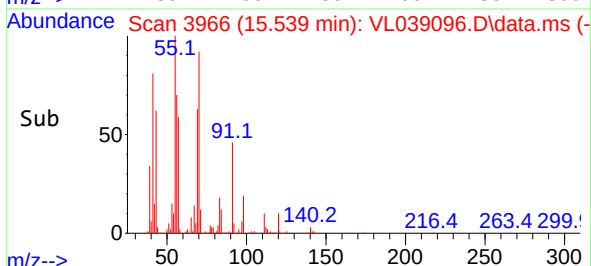
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

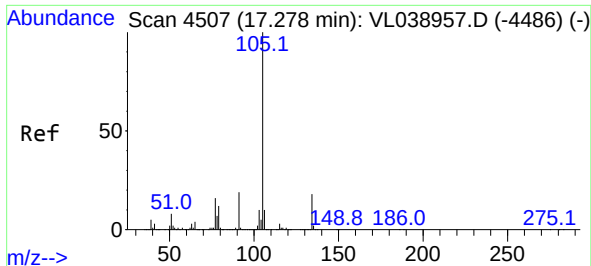


#64
n-propylbenzene
Concen: 0.889 ppbv
RT: 15.539 min Scan# 3966
Delta R.T. -0.010 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05



Tgt Ion:120 Resp: 85319
Ion Ratio Lower Upper
120 100
91 515.0 400.6 601.0





#67

sec-Butylbenzene

Concen: 0.189 ppbv

RT: 17.268 min Scan# 4504

Delta R.T. -0.010 min

Lab File: VL039096.D

Acq: 23 May 2022 23:05

Instrument :

MSVOA_L

ClientSampleId :

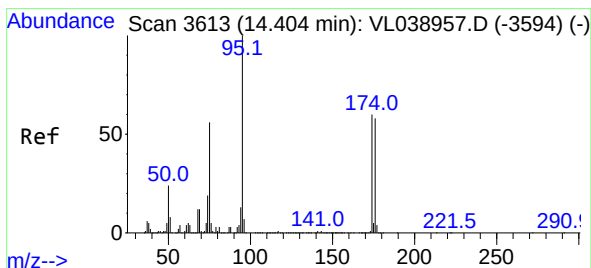
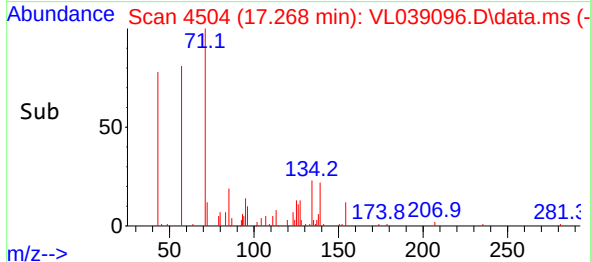
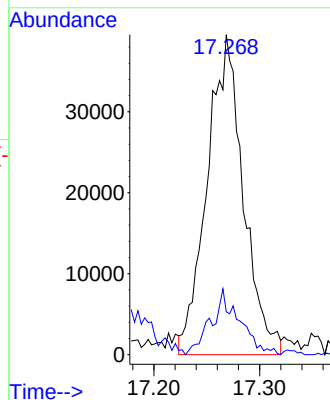
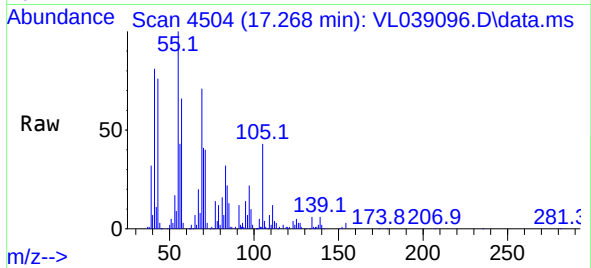
VP-1

Tgt Ion: 105 Resp: 93879
 Ion Ratio Lower Upper
 105 100
 134 16.3 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 11.286 ppbv

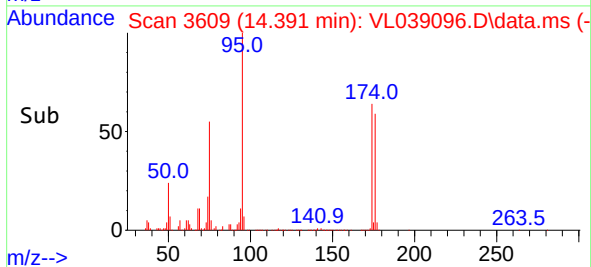
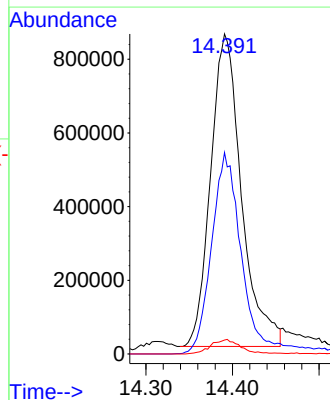
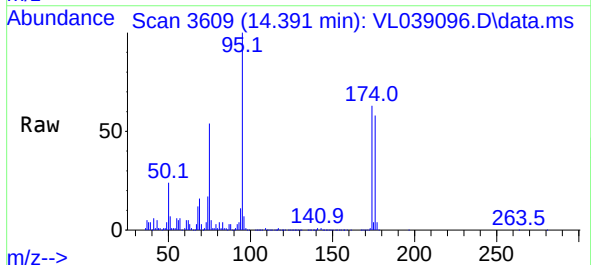
RT: 14.391 min Scan# 3609

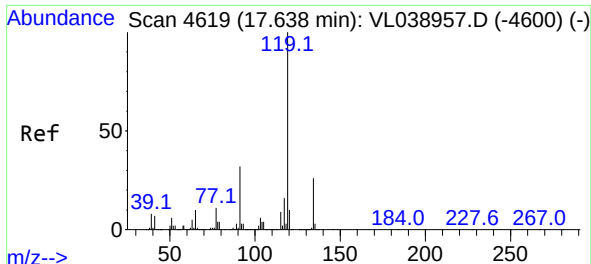
Delta R.T. -0.013 min

Lab File: VL039096.D

Acq: 23 May 2022 23:05

Tgt Ion: 95 Resp: 2097861
 Ion Ratio Lower Upper
 95 100
 174 65.4 50.8 76.2
 175 4.7 3.8 5.6





#69

p-Isopropyltoluene

Concen: 0.220 ppbv

RT: 17.622 min Scan# 4614

Delta R.T. -0.016 min

Lab File: VL039096.D

Acq: 23 May 2022 23:05

Instrument :

MSVOA_L

ClientSampleId :

VP-1

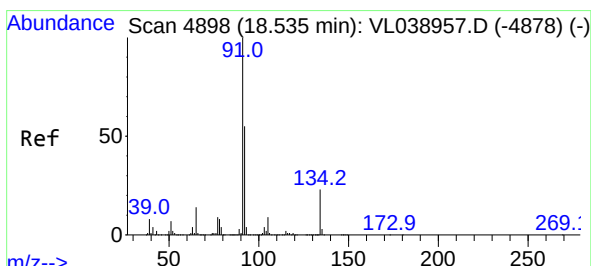
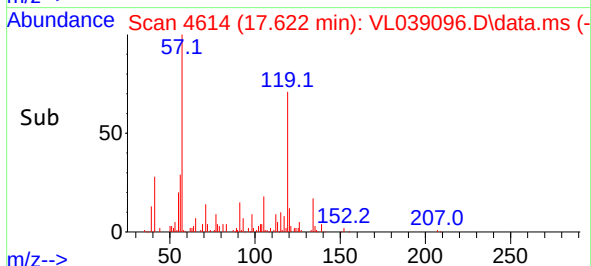
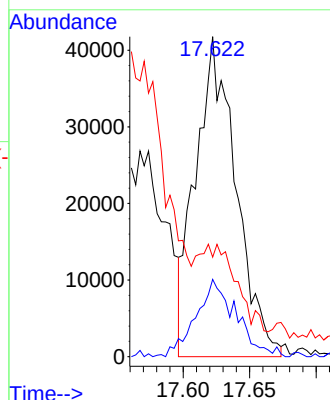
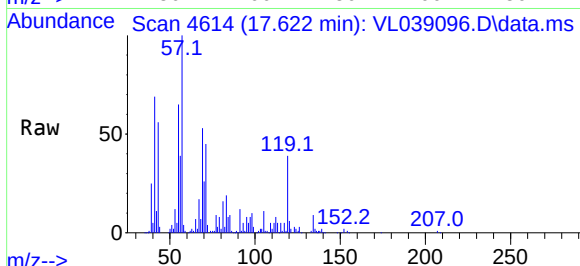
Tgt Ion: 119 Resp: 88270

Ion	Ratio	Lower	Upper
119	100		
134	23.0	20.0	30.0
91	0.0	24.8	37.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#70

n-Butylbenzene

Concen: 0.701 ppbv

RT: 18.529 min Scan# 4896

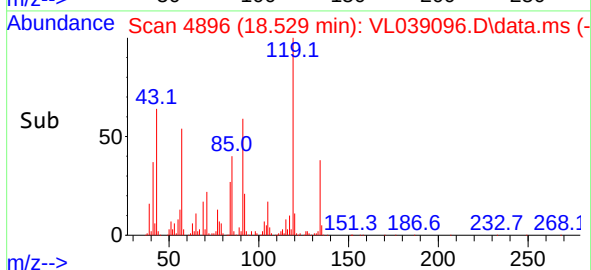
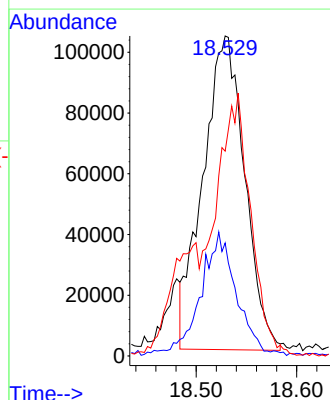
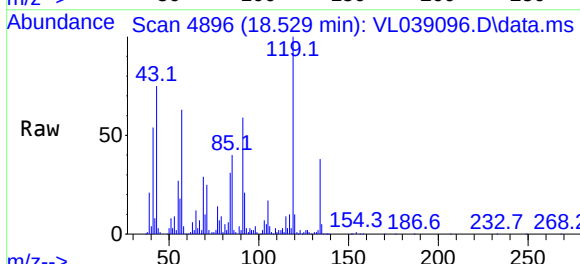
Delta R.T. -0.006 min

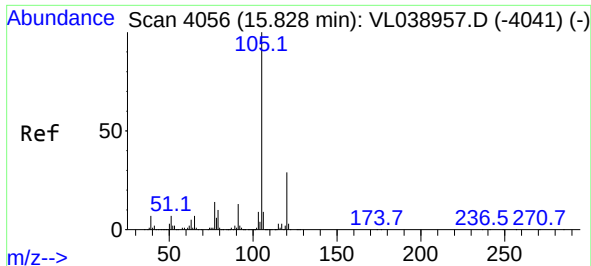
Lab File: VL039096.D

Acq: 23 May 2022 23:05

Tgt Ion: 91 Resp: 298758

Ion	Ratio	Lower	Upper
91	100		
92	34.0	43.1	64.7#
134	94.3	17.0	25.4#





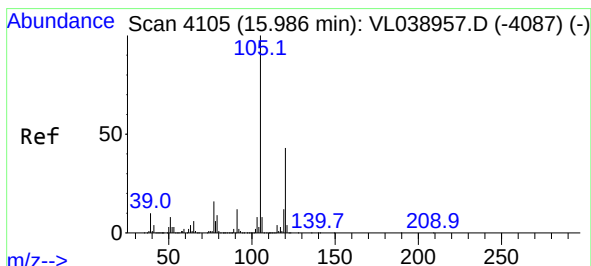
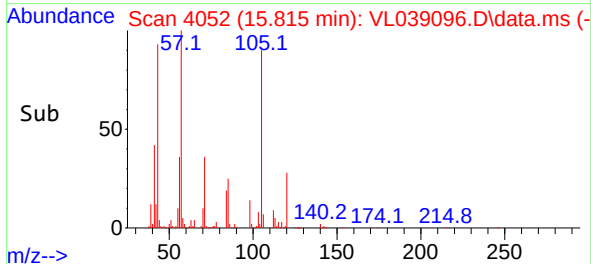
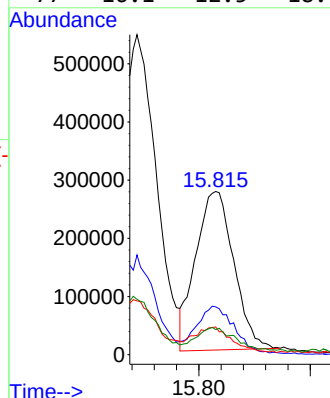
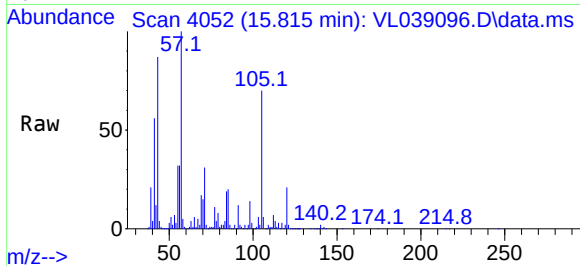
#72
4-Ethyltoluene
Concen: 2.098 ppbv
RT: 15.815 min Scan# 4056
Delta R.T. -0.013 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
VP-1

Tgt Ion:105 Resp: 648904
Ion Ratio Lower Upper
105 100
120 31.6 23.4 35.0
91 16.4 10.6 16.0
77 16.1 12.5 18.7

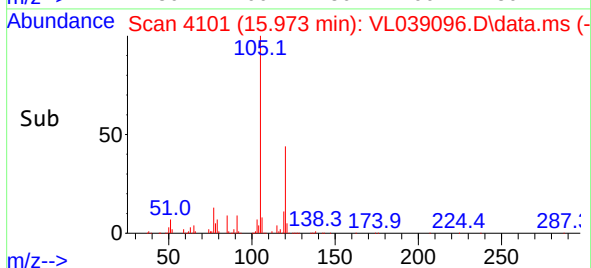
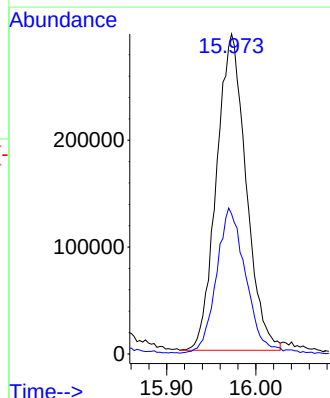
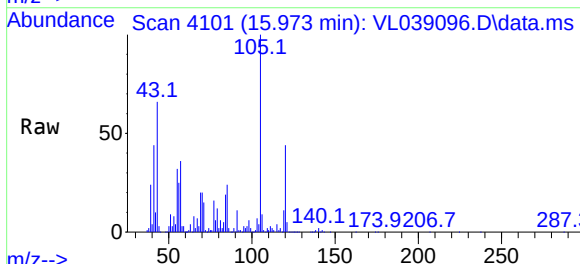
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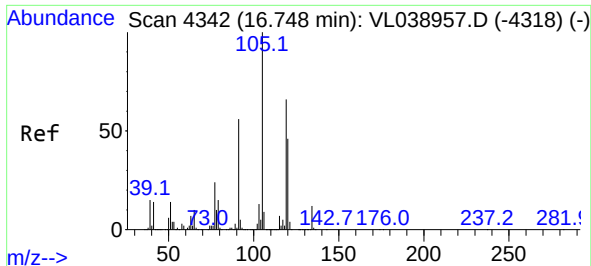
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#73
1,3,5-Trimethylbenzene
Concen: 2.453 ppbv
RT: 15.973 min Scan# 4101
Delta R.T. -0.013 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

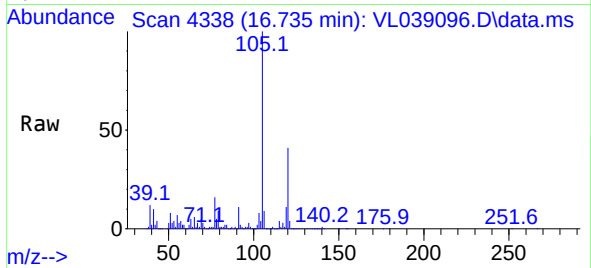
Tgt Ion:105 Resp: 682923
Ion Ratio Lower Upper
105 100
120 44.1 34.4 51.6





#74
1,2,4-Trimethylbenzene
Concen: 8.161 ppbv
RT: 16.735 min Scan# 4342
Delta R.T. -0.013 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

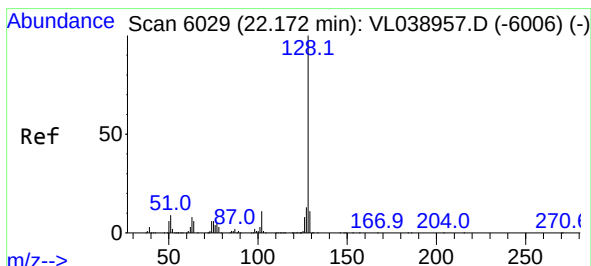
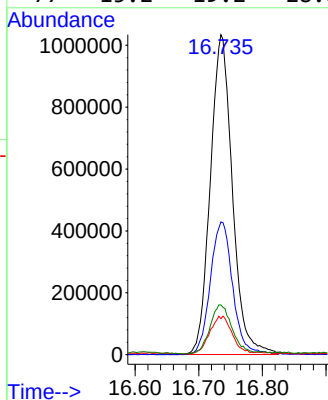
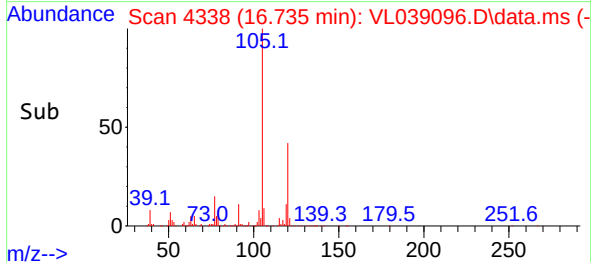
Instrument :
MSVOA_L
ClientSampleId :
VP-1



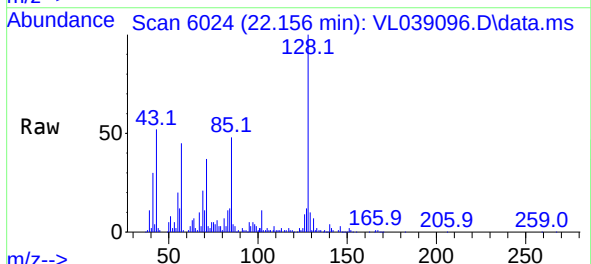
Tgt Ion:105 Resp: 248798
Ion Ratio Lower Upper
105 100
120 41.5 36.9 55.3
91 11.0 45.0 67.4
77 15.2 19.2 28.8

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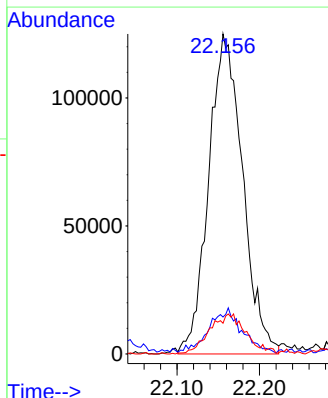
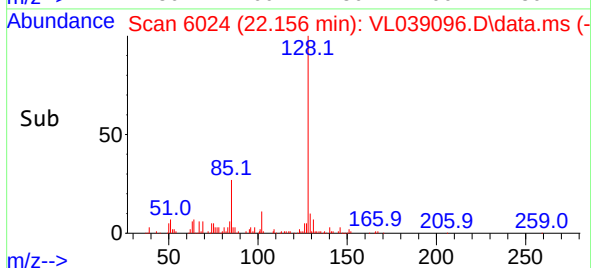
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

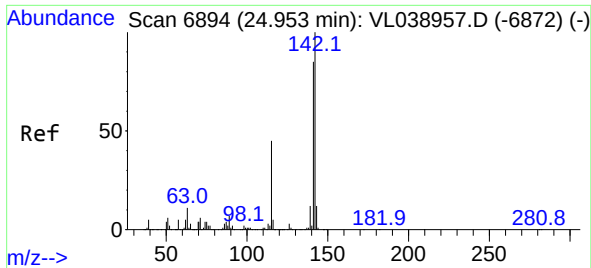


#79
Naphthalene
Concen: 1.444 ppbv m
RT: 22.156 min Scan# 6024
Delta R.T. -0.016 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05



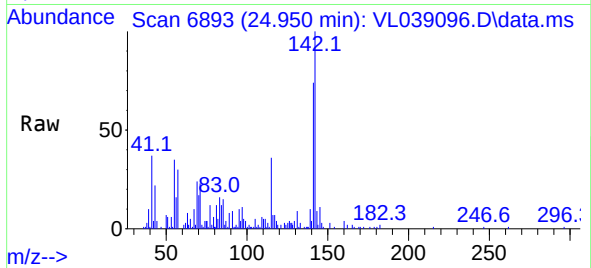
Tgt Ion:128 Resp: 357636
Ion Ratio Lower Upper
128 100
127 11.6 10.2 15.2
129 9.6 8.9 13.3





#80
Naphthalene, 2-methyl-
Concen: 0.899 ppbv m
RT: 24.950 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039096.D
Acq: 23 May 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
VP-1



Tgt Ion: 142 Resp: 67364
Ion Ratio Lower Upper
142 100
141 45.6 70.8 106.2
115 24.3 35.1 52.7

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 05/25/2022
Supervised By : Mahesh Dadoda 05/26/2022

