

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039108.D
 Acq On : 24 May 2022 7:03
 Operator : SY/AP
 Sample : N2957-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2

Manual Integrations
 APPROVED

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

Quant Time: May 24 08:46:43 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 13:06:31 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.648	49	1026178	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2447527	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.053	117	2139312	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.384 95 1825675 10.776 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 107.800%

Target Compounds

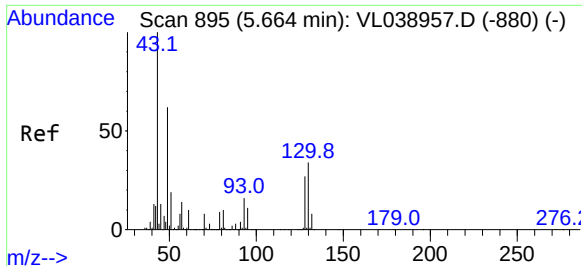
						Qvalue
2) Dichlorodifluoromethane	3.041	85	51834	0.322	ppbv	92
3) Chlorodifluoromethane	2.980	51	30339m	0.238	ppbv	
4) Chloromethane	3.134	50	10086m	0.158	ppbv	
9) Propene	3.009	41	187023	3.363	ppbv	87
10) Heptane	8.095	43	187073m	1.371	ppbv	
11) Trichlorofluoromethane	3.944	101	41628m	0.302	ppbv	
13) Ethanol	3.587	45	472387	120.039	ppbv	91
15) Acetone	3.832	43	8744320	90.335	ppbv	94
17) tert-Butyl alcohol	4.285	59	63090m	0.848	ppbv	
19) Isopropyl Alcohol	3.947	45	94107m	2.045	ppbv	
20) Methylene Chloride	4.330	84	363975	9.976	ppbv	97
26) Hexane	5.664	57	580142	5.636	ppbv #	39
27) Carbon Disulfide	4.539	76	199465	2.040	ppbv	98
29) Chloroform	5.732	83	1891796	11.359	ppbv	99
30) Cyclohexane	7.111	84	191279	2.219	ppbv	90
34) 2-Butanone	5.224	43	956754	7.662	ppbv	97
35) Carbon Tetrachloride	6.996	117	9068m	0.056	ppbv	
36) Benzene	6.870	78	226996	1.084	ppbv	94
38) Trichloroethene	7.812	130	198567	2.133	ppbv	98
41) Tetrahydrofuran	6.031	42	120510m	1.436	ppbv	
44) 2,2,4-Trimethylpentane	7.844	57	175442	0.477	ppbv #	60
50) 4-Methyl-2-Pentanone	8.732	43	66545m	0.304	ppbv	
51) 2-Hexanone	10.108	43	160930	1.007	ppbv #	89
52) Tetrachloroethene	11.195	164	2432271	32.495	ppbv	98
53) Toluene	9.777	91	1237861	5.273	ppbv	100
58) Ethyl Benzene	12.677	91	436526	1.418	ppbv	99
59) m/p-Xylene	12.934	91	1516600	5.770	ppbv	96
60) o-Xylene	13.658	91	650676	2.630	ppbv	99
61) Styrene	13.494	104	15575m	0.118	ppbv	
62) Isopropylbenzene	14.635	105	54247m	0.150	ppbv	
64) n-propylbenzene	15.526	120	50171m	0.574	ppbv	
67) sec-Butylbenzene	17.259	105	45595m	0.101	ppbv	
70) n-Butylbenzene	18.522	91	173055m	0.445	ppbv	
72) 4-Ethyltoluene	15.805	105	421099	1.494	ppbv	98
73) 1,3,5-Trimethylbenzene	15.960	105	455684m	1.796	ppbv	
74) 1,2,4-Trimethylbenzene	16.725	105	1618328	5.824	ppbv #	66
79) Naphthalene	22.146	128	204359m	0.905	ppbv	
80) Naphthalene,2-methyl-	24.940	142	37395m	0.548	ppbv	

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

Manual Integrations
APPROVED

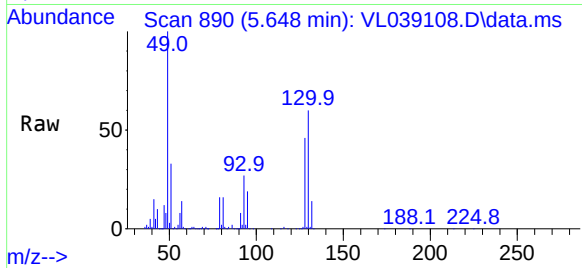
Quant Time: May 24 08:46:43 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 89
Delta R.T. -0.016 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

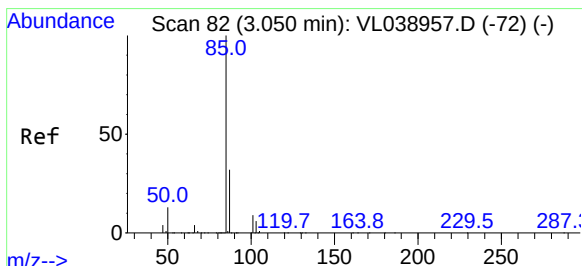
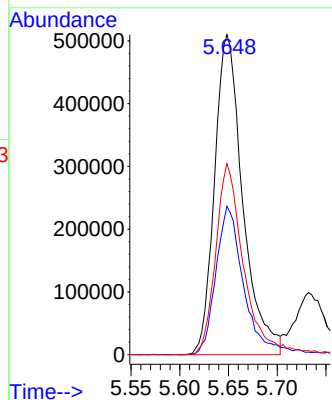
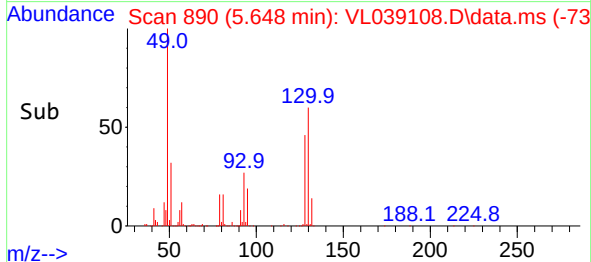
Instrument :
MSVOA_L
ClientSampleId :
VP-2



Tgt Ion: 49 Resp: 1026178
Ion Ratio Lower Upper
49 100
128 47.0 23.3 69.8
130 60.4 29.8 89.3

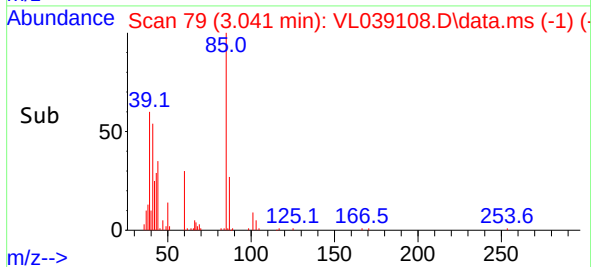
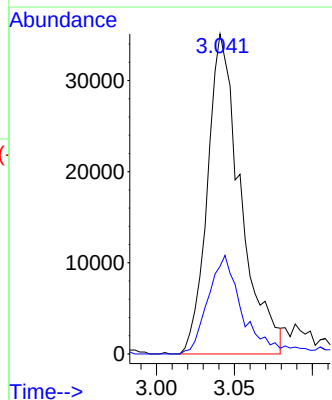
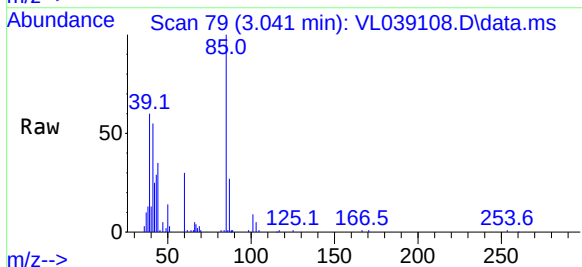
Manual Integrations
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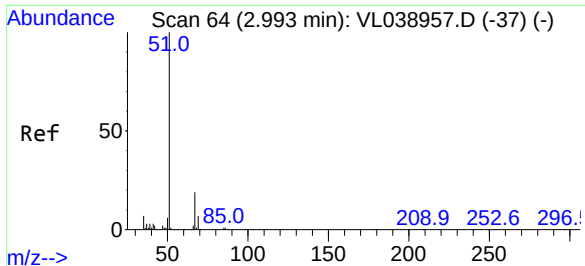
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#2
Dichlorodifluoromethane
Concen: 0.322 ppbv
RT: 3.041 min Scan# 79
Delta R.T. -0.010 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

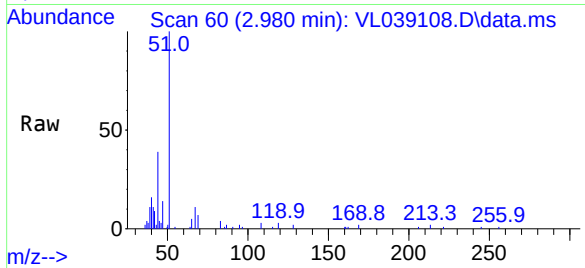
Tgt Ion: 85 Resp: 51834
Ion Ratio Lower Upper
85 100
87 27.4 25.7 38.5





#3
Chlorodifluoromethane
Concen: 0.238 ppbv m
RT: 2.980 min Scan# 60
Delta R.T. -0.013 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

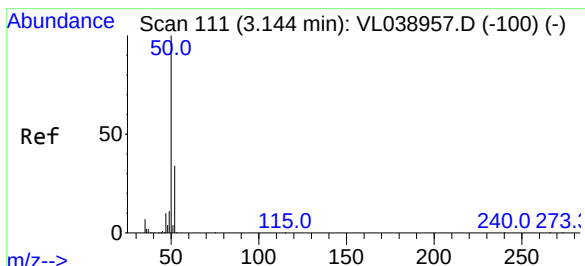
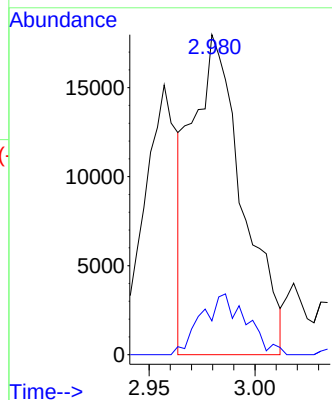
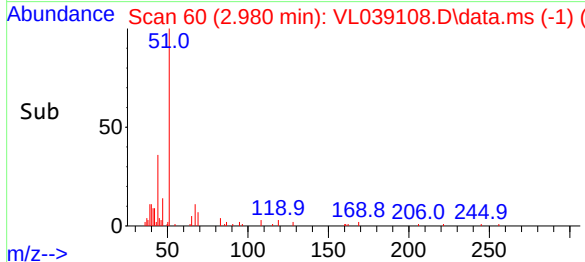
Instrument :
MSVOA_L
ClientSampleId :
VP-2



Tgt Ion: 51 Resp: 30339
Ion Ratio Lower Upper
51 100
67 16.8 15.8 23.8

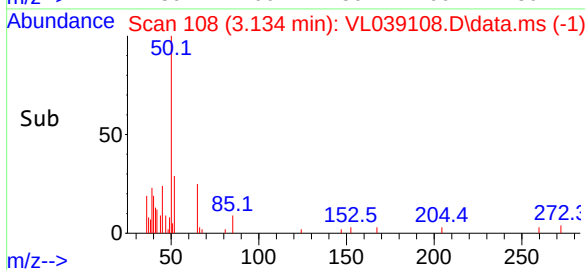
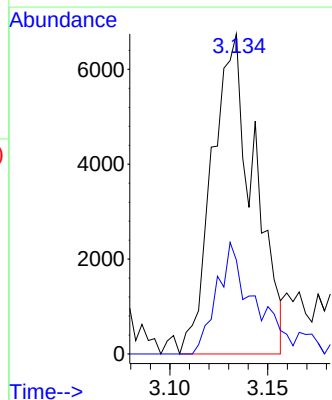
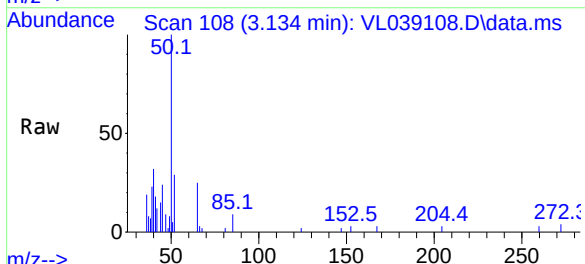
Manual Integrations
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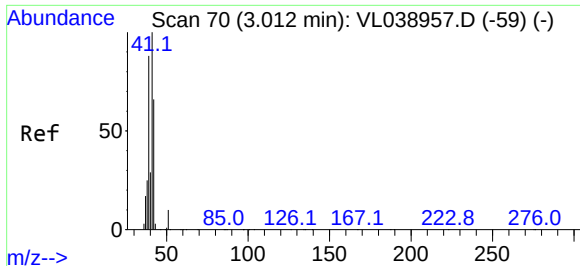
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#4
Chloromethane
Concen: 0.158 ppbv m
RT: 3.134 min Scan# 108
Delta R.T. -0.010 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

Tgt Ion: 50 Resp: 10086
Ion Ratio Lower Upper
50 100
52 29.4 27.3 40.9





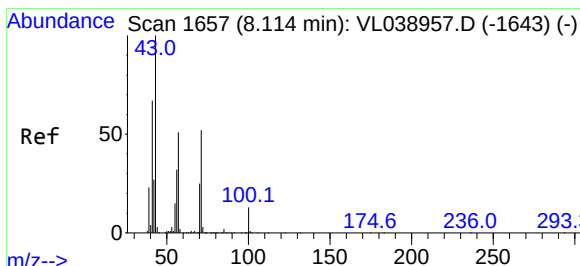
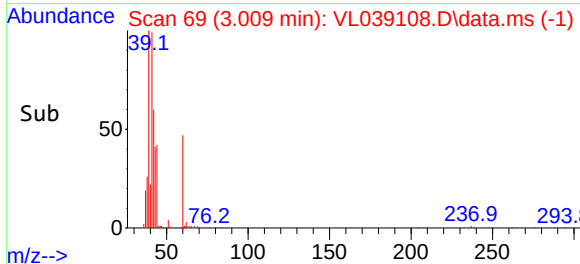
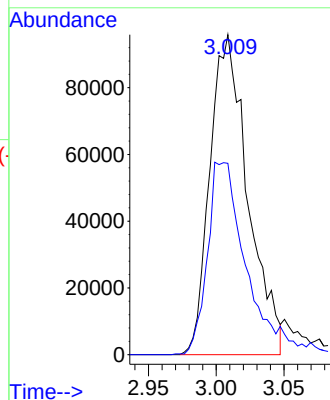
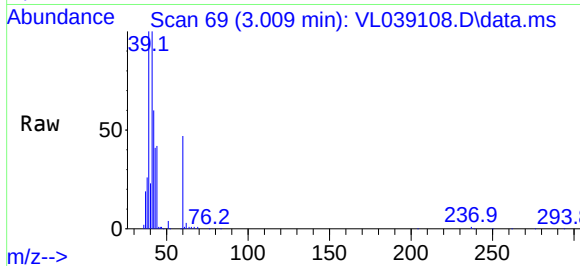
#9
Propene
Concen: 3.363 ppbv
RT: 3.009 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

Instrument :
MSVOA_L
ClientSampleId :
VP-2

Tgt Ion: 41 Resp: 187023
Ion Ratio Lower Upper
41 100
42 62.1 58.3 87.5

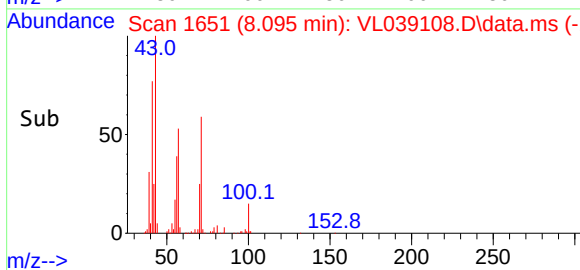
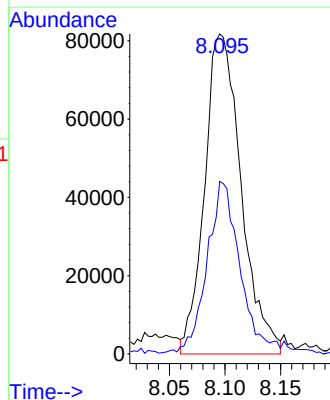
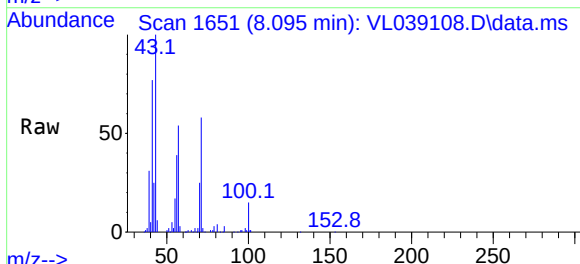
Manual Integrations
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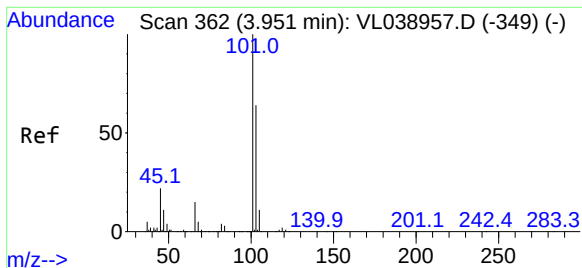
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#10
Heptane
Concen: 1.371 ppbv m
RT: 8.095 min Scan# 1651
Delta R.T. -0.019 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

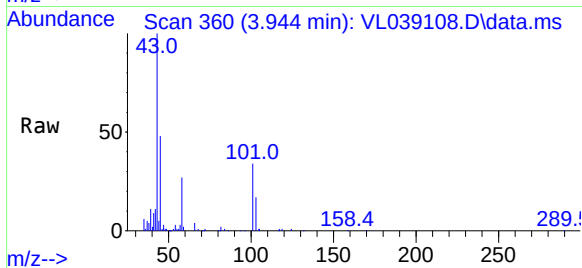
Tgt Ion: 43 Resp: 187073
Ion Ratio Lower Upper
43 100
57 49.5 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.302 ppbv m
RT: 3.944 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

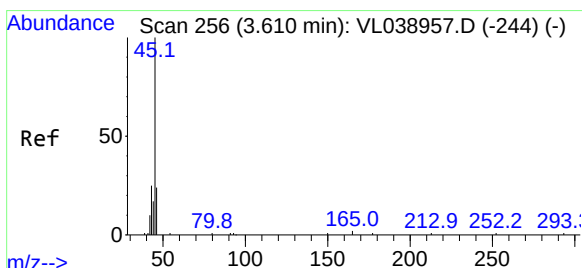
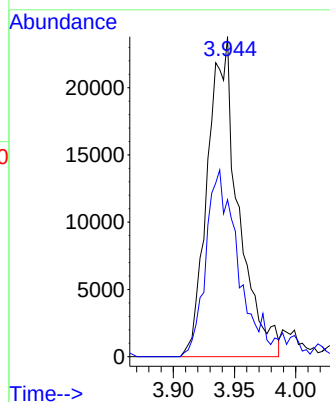
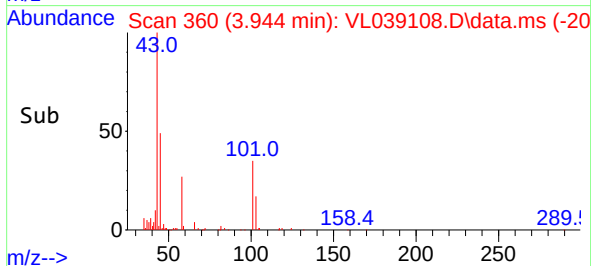
Instrument :
MSVOA_L
ClientSampleId :
VP-2



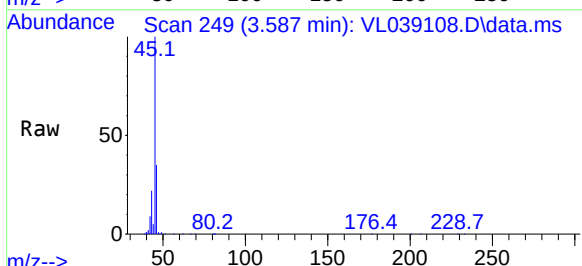
Tgt Ion:101 Resp: 41628
Ion Ratio Lower Upper
101 100
103 49.1 51.5 77.3

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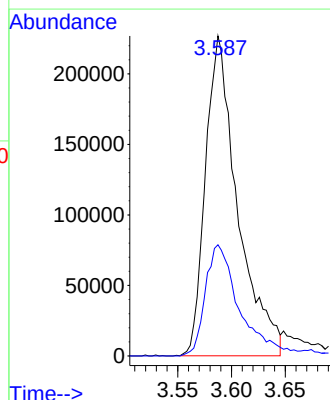
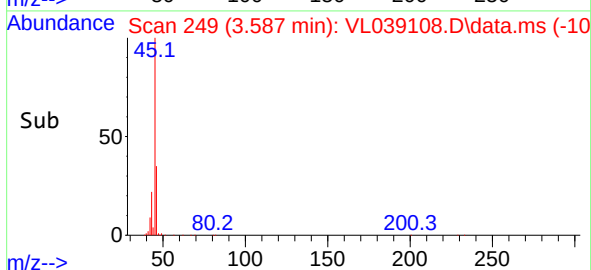
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

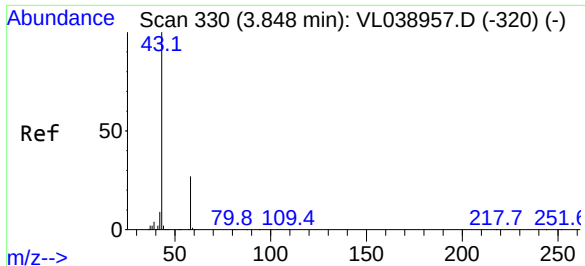


#13
Ethanol
Concen: 120.039 ppbv
RT: 3.587 min Scan# 249
Delta R.T. -0.023 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03



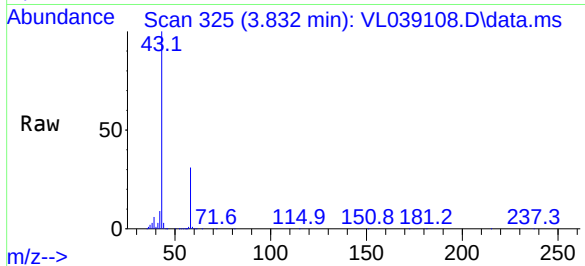
Tgt Ion: 45 Resp: 472387
Ion Ratio Lower Upper
45 100
46 39.1 18.0 72.2





#15
Acetone
Concen: 90.335 ppbv
RT: 3.832 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

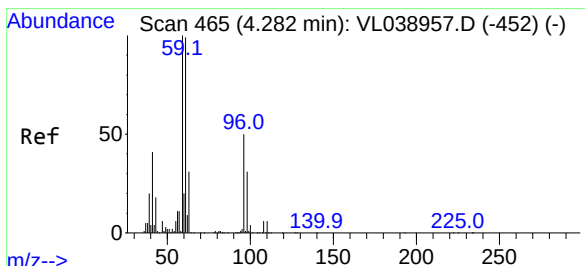
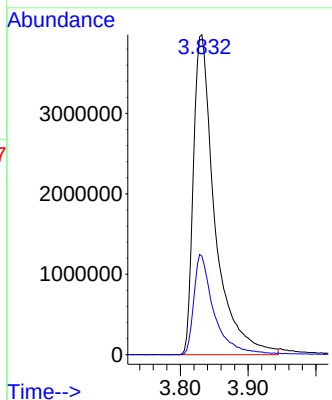
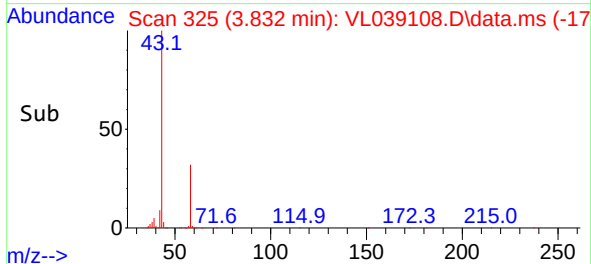
Instrument :
MSVOA_L
ClientSampleId :
VP-2



Tgt Ion: 43 Resp: 8744320
Ion Ratio Lower Upper
43 100
58 29.9 21.3 31.9

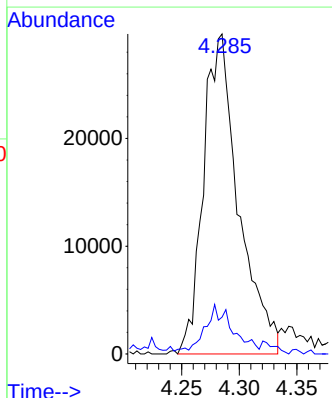
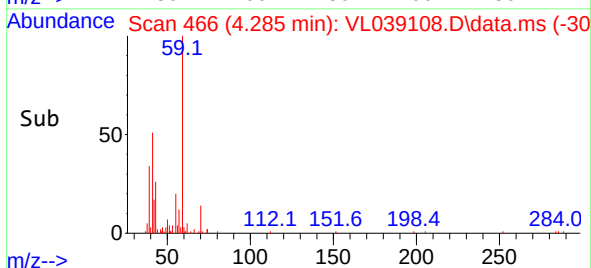
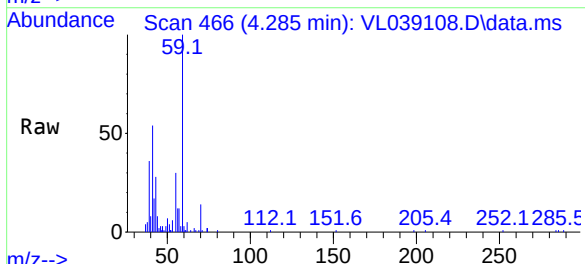
Manual Integrations
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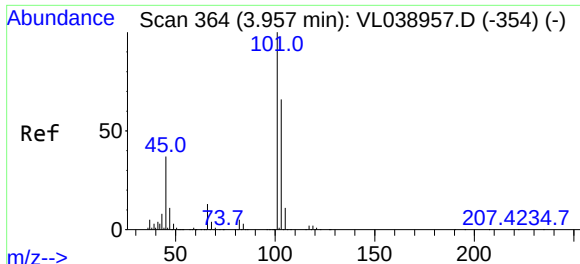
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#17
tert-Butyl alcohol
Concen: 0.848 ppbv m
RT: 4.285 min Scan# 466
Delta R.T. 0.003 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

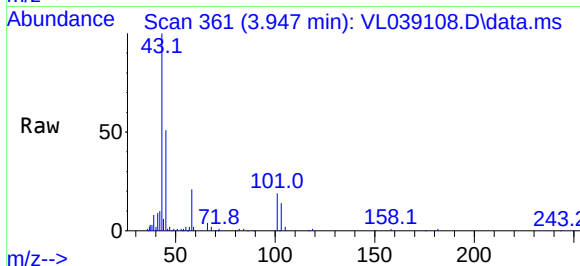
Tgt Ion: 59 Resp: 63090
Ion Ratio Lower Upper
59 100
57 14.6 9.2 13.8





#19
Isopropyl Alcohol
Concen: 2.045 ppbv m
RT: 3.947 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

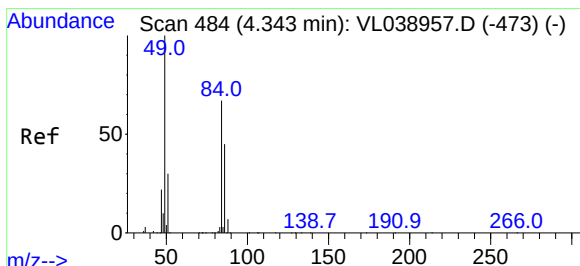
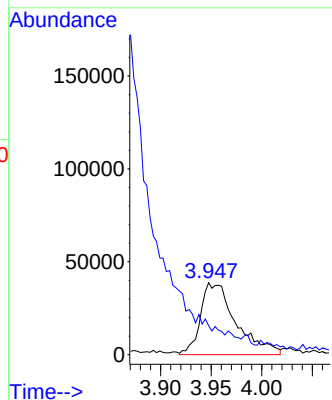
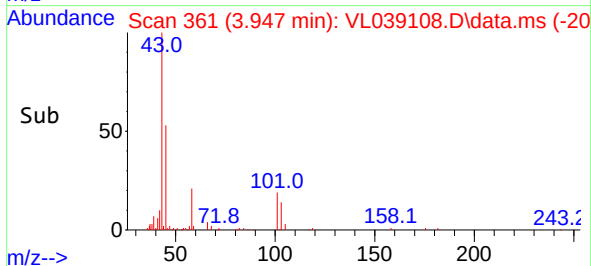
Instrument :
MSVOA_L
ClientSampleId :
VP-2



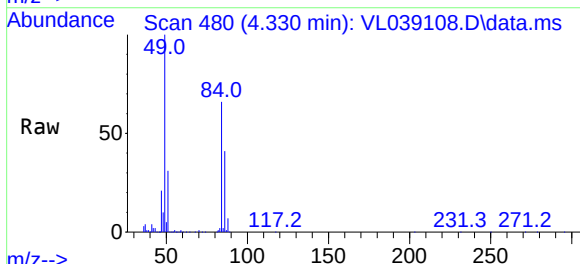
Tgt Ion: 45 Resp: 9410
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.2

Manual Integrations
APPROVED

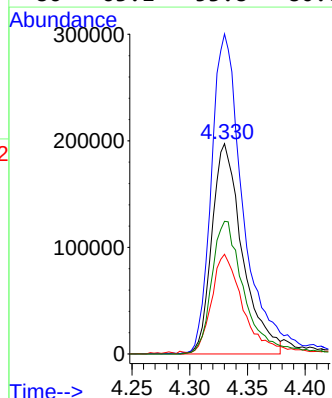
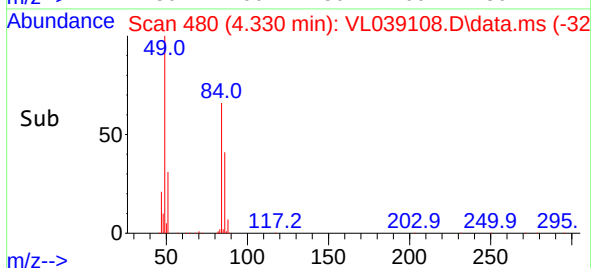
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

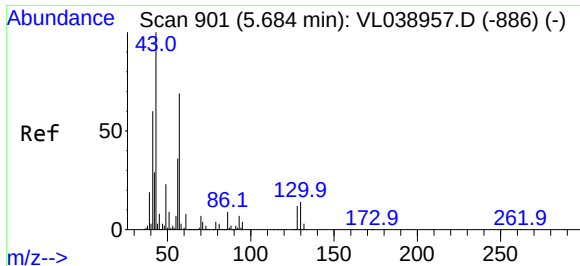


#20
Methylene Chloride
Concen: 9.976 ppbv
RT: 4.330 min Scan# 480
Delta R.T. -0.013 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03



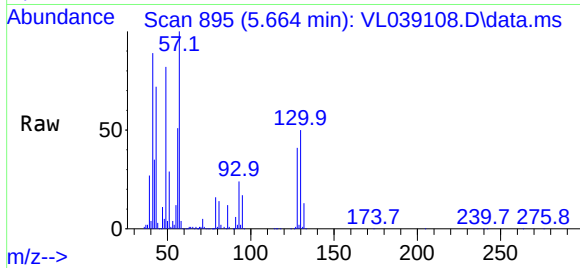
Tgt Ion: 84 Resp: 363975
Ion Ratio Lower Upper
84 100
49 152.1 119.9 179.9
51 46.2 35.7 53.5
86 63.1 53.8 80.6





#26
Hexane
Concen: 5.636 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.019 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

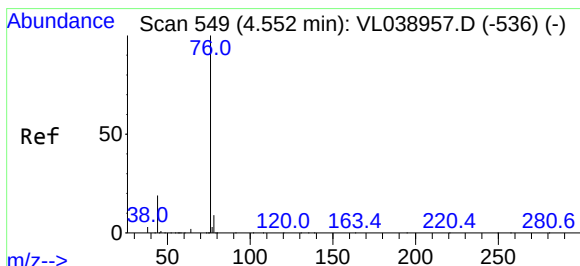
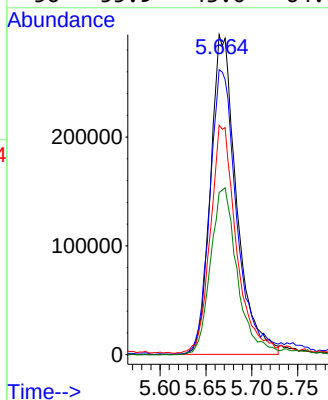
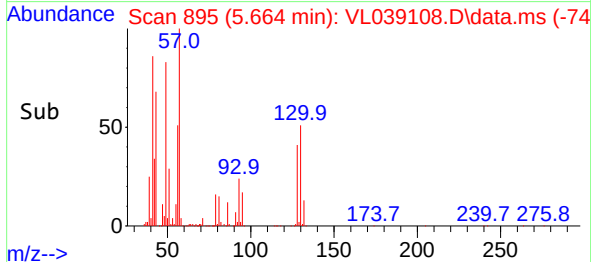
Instrument :
MSVOA_L
ClientSampleId :
VP-2



Tgt Ion: 57 Resp: 580142
Ion Ratio Lower Upper
57 100
41 96.2 75.2 112.8
43 72.6 190.8 286.2
56 55.9 43.0 64.6

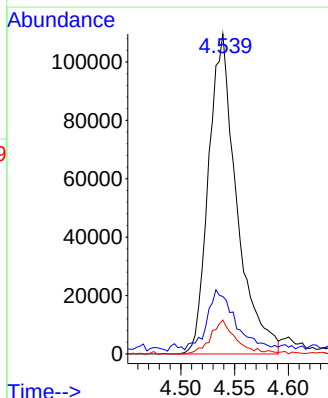
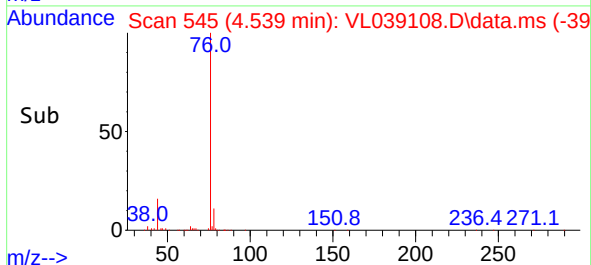
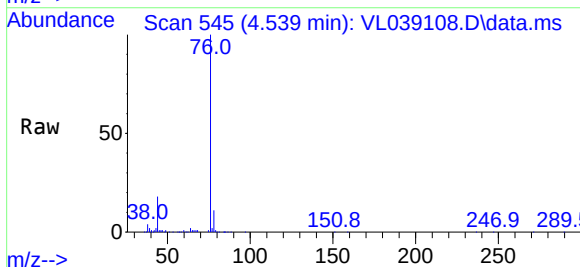
Manual Integrations
APPROVED

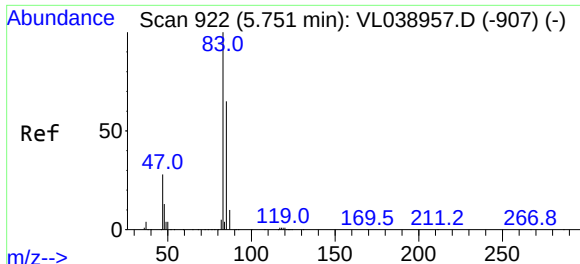
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#27
Carbon Disulfide
Concen: 2.040 ppbv
RT: 4.539 min Scan# 545
Delta R.T. -0.013 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

Tgt Ion: 76 Resp: 199465
Ion Ratio Lower Upper
76 100
44 20.5 15.3 22.9
78 9.7 8.2 12.2





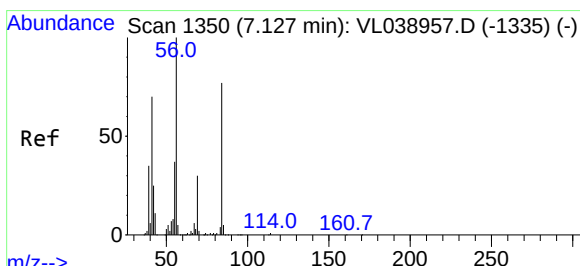
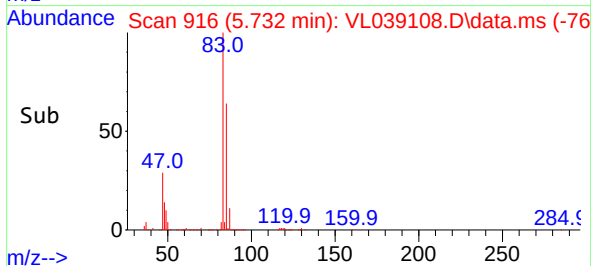
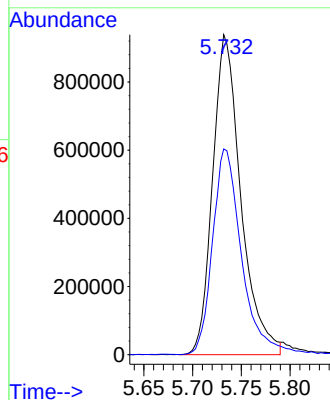
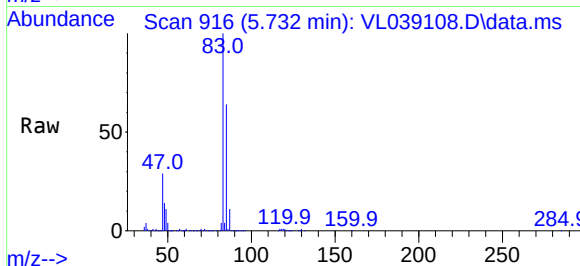
#29
Chloroform
Concen: 11.359 ppbv
RT: 5.732 min Scan# 916
Delta R.T. -0.019 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

Instrument :
MSVOA_L
ClientSampleId :
VP-2

Tgt Ion: 83 Resp: 1891790
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6

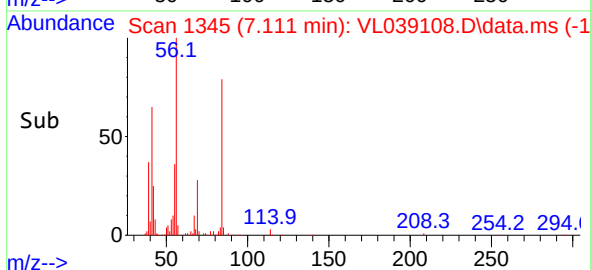
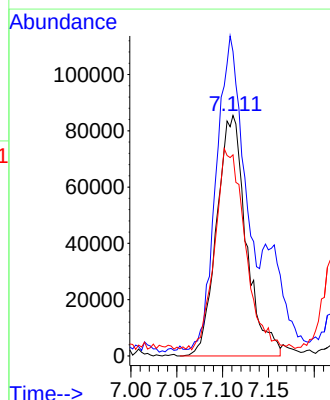
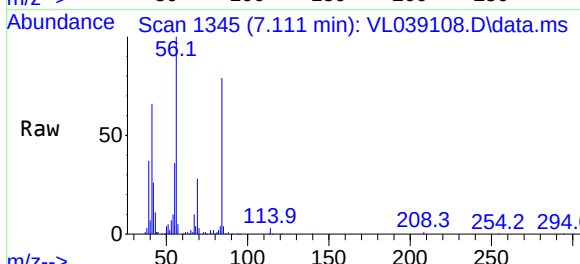
Manual Integrations
APPROVED

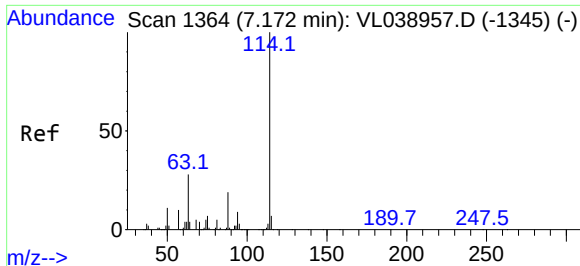
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#30
Cyclohexane
Concen: 2.219 ppbv
RT: 7.111 min Scan# 1345
Delta R.T. -0.016 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

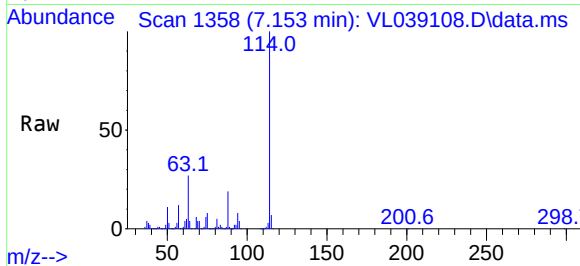
Tgt Ion: 84 Resp: 191279
Ion Ratio Lower Upper
84 100
56 161.0 115.3 172.9
41 86.0 72.0 108.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

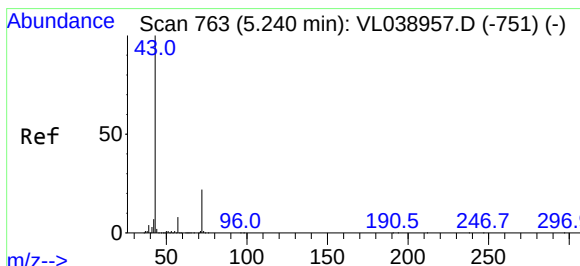
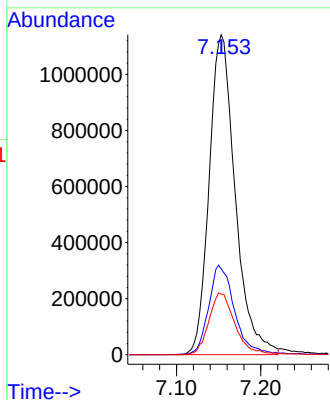
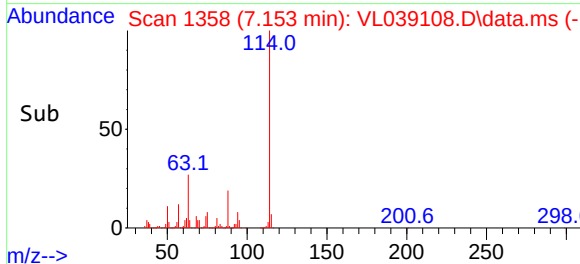
Instrument :
MSVOA_L
ClientSampleId :
VP-2



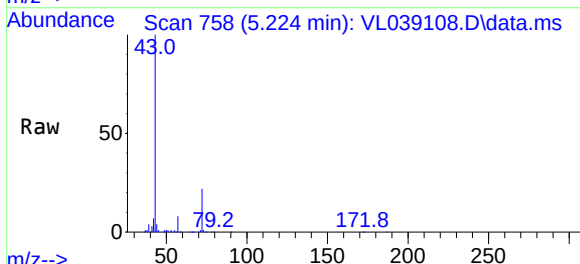
Tgt Ion:114 Resp: 244752
Ion Ratio Lower Upper
114 100
63 28.1 22.6 33.8
88 19.5 15.4 23.0

Manual Integrations
APPROVED

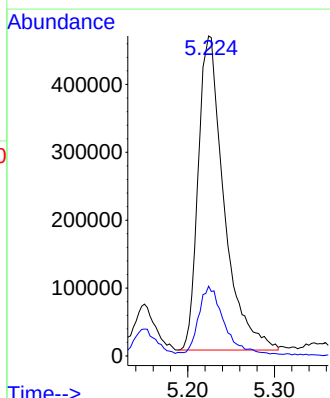
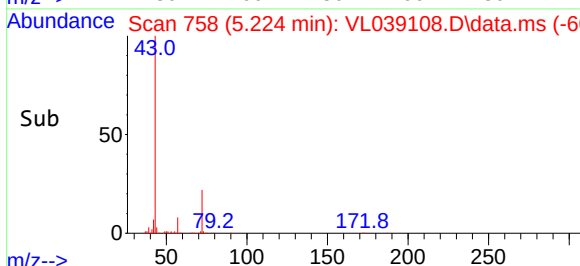
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

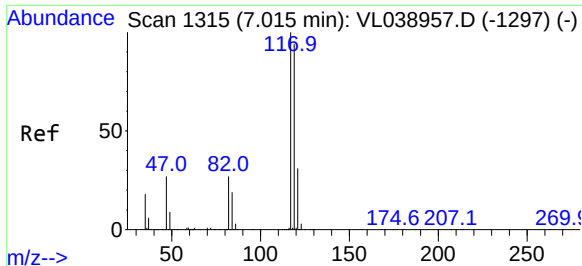


#34
2-Butanone
Concen: 7.662 ppbv
RT: 5.224 min Scan# 758
Delta R.T. -0.016 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03



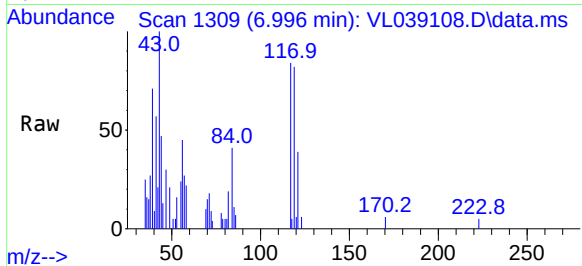
Tgt Ion: 43 Resp: 956754
Ion Ratio Lower Upper
43 100
72 23.4 17.8 26.6





#35
Carbon Tetrachloride
Concen: 0.056 ppbv m
RT: 6.996 min Scan# 117
Delta R.T. -0.019 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

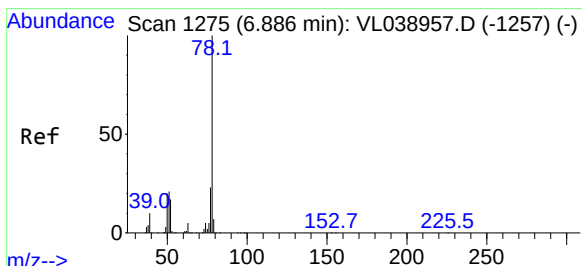
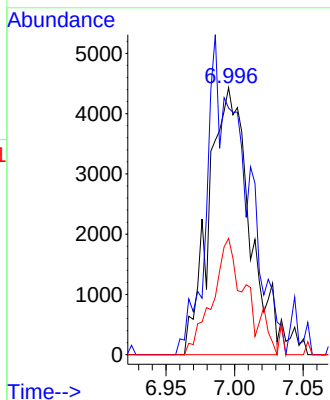
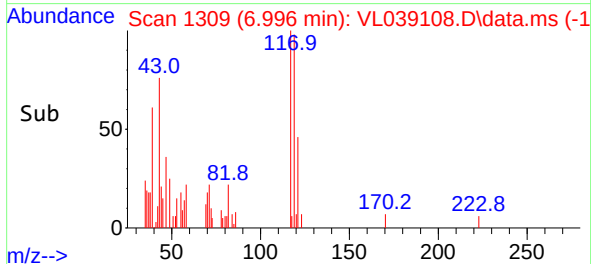
Instrument :
MSVOA_L
ClientSampleId :
VP-2



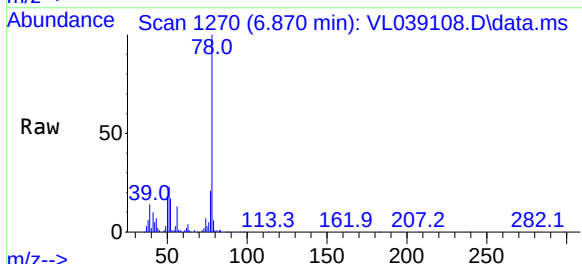
Tgt Ion: 117 Resp: 906
Ion Ratio Lower Upper
117 100
119 98.0 75.2 112.8
121 46.3 24.6 37.0

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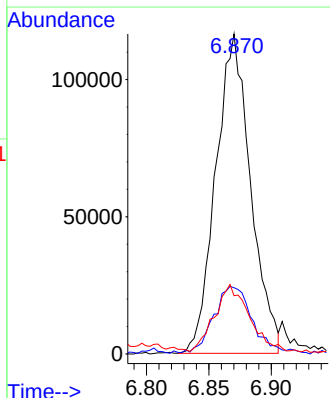
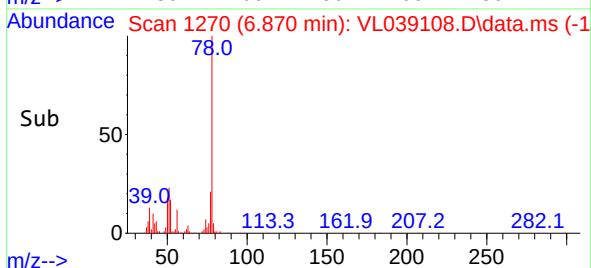
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

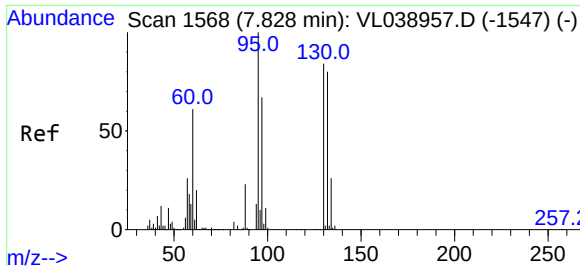


#36
Benzene
Concen: 1.084 ppbv
RT: 6.870 min Scan# 1270
Delta R.T. -0.016 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03



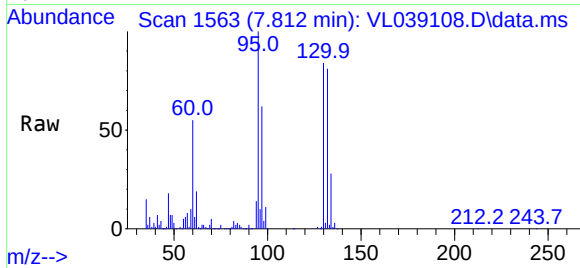
Tgt Ion: 78 Resp: 226996
Ion Ratio Lower Upper
78 100
77 20.2 18.6 28.0
50 16.8 15.6 23.4





#38
Trichloroethene
Concen: 2.133 ppbv
RT: 7.812 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

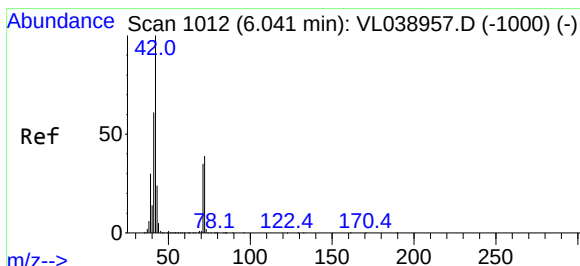
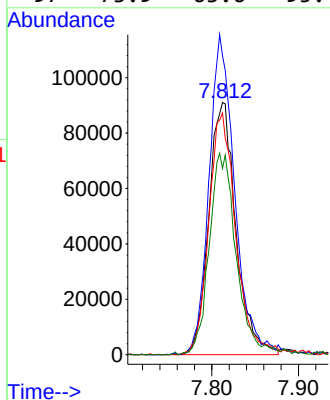
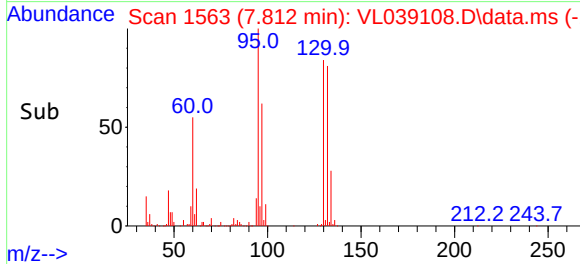
Instrument :
MSVOA_L
ClientSampleId :
VP-2



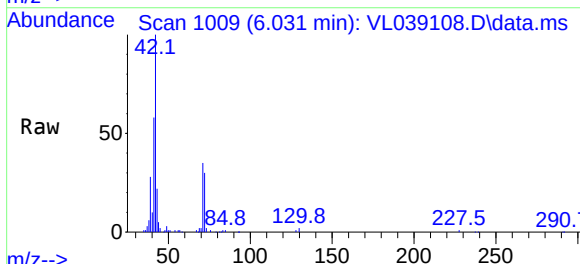
Tgt Ion:130 Resp: 19856
Ion Ratio Lower Upper
130 100
95 118.0 94.8 142.2
132 95.8 75.8 113.8
97 73.9 63.6 95.4

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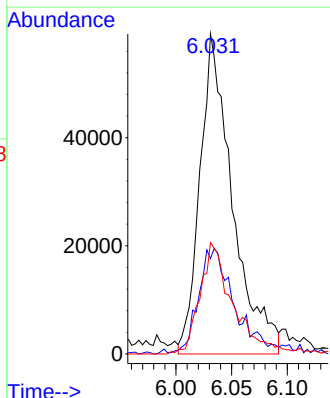
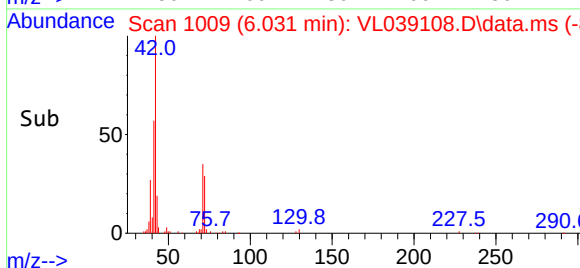
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

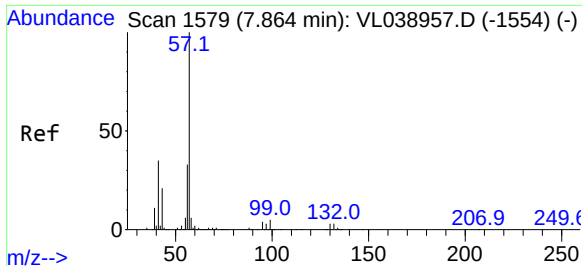


#41
Tetrahydrofuran
Concen: 1.436 ppbv m
RT: 6.031 min Scan# 1009
Delta R.T. -0.010 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03



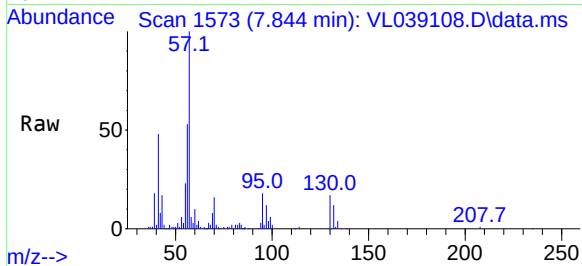
Tgt Ion: 42 Resp: 120510
Ion Ratio Lower Upper
42 100
72 38.4 31.8 47.6
71 36.3 30.6 45.8





#44
2,2,4-Trimethylpentane
Concen: 0.477 ppbv
RT: 7.844 min Scan# 1573
Delta R.T. -0.019 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

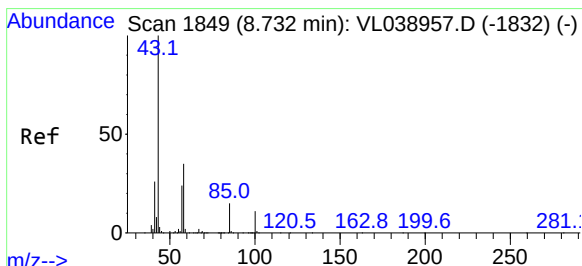
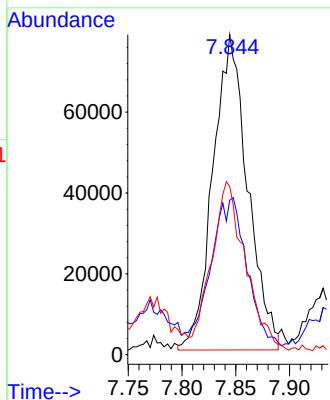
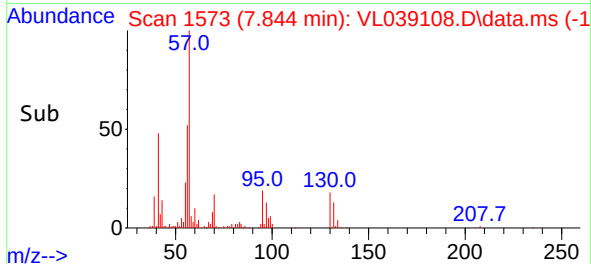
Instrument :
MSVOA_L
ClientSampleId :
VP-2



Tgt Ion: 57 Resp: 17544
Ion Ratio Lower Upper
57 100
41 52.7 26.3 39.5
56 56.1 24.6 37.0

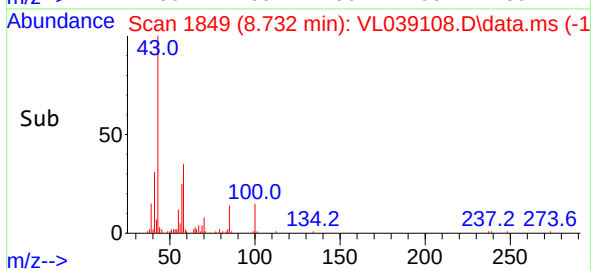
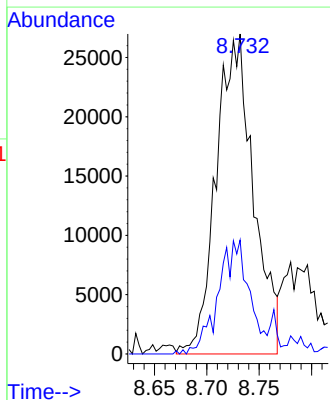
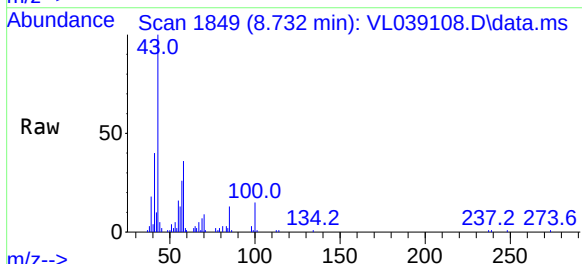
Manual Integrations
APPROVED

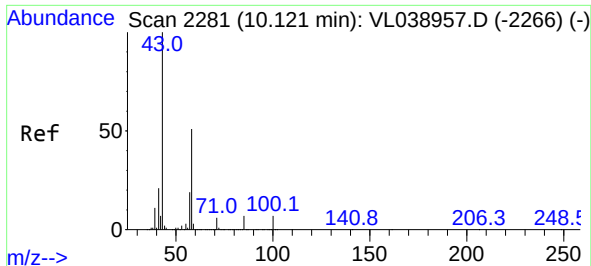
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#50
4-Methyl-2-Pentanone
Concen: 0.304 ppbv m
RT: 8.732 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

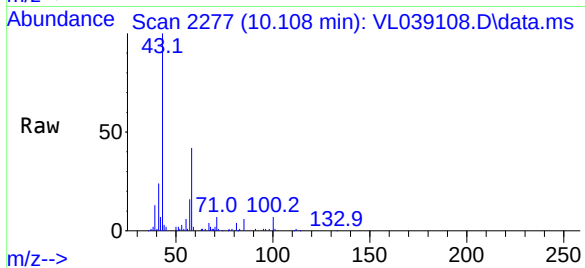
Tgt Ion: 43 Resp: 66545
Ion Ratio Lower Upper
43 100
58 0.0 28.4 42.6





#51
2-Hexanone
Concen: 1.007 ppbv
RT: 10.108 min Scan# 2108
Delta R.T. -0.013 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

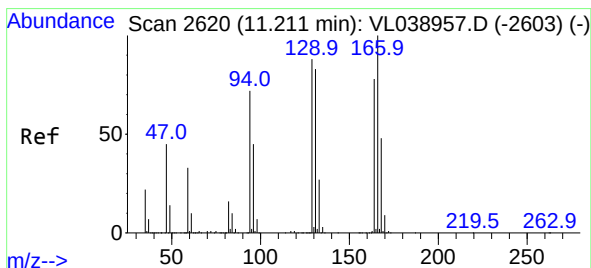
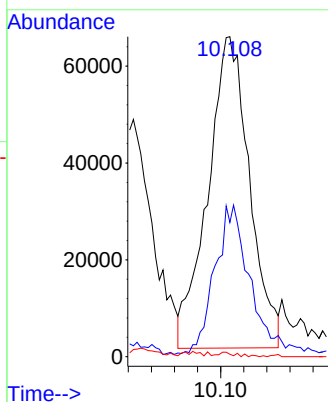
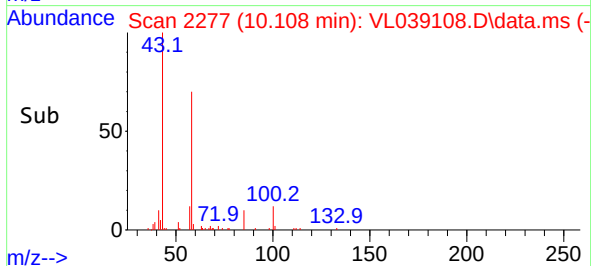
Instrument :
MSVOA_L
ClientSampleId :
VP-2



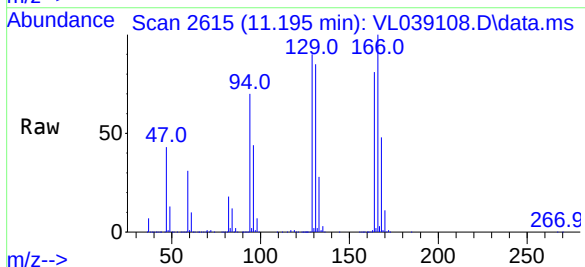
Tgt Ion: 43 Resp: 160930
Ion Ratio Lower Upper
43 100
58 41.6 39.3 58.9
98 0.8 0.2 0.2

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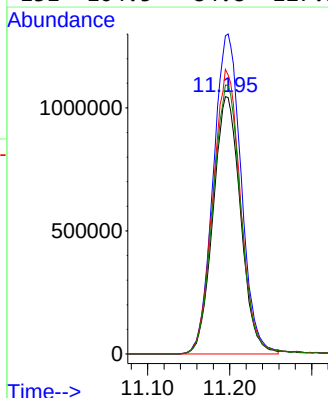
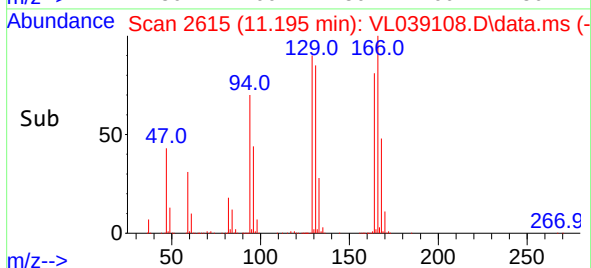
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

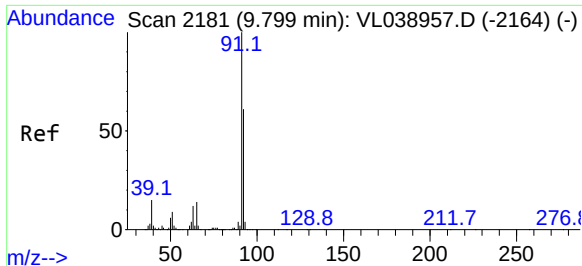


#52
Tetrachloroethene
Concen: 32.495 ppbv
RT: 11.195 min Scan# 2615
Delta R.T. -0.016 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03



Tgt Ion:164 Resp: 2432271
Ion Ratio Lower Upper
164 100
166 123.6 102.5 153.7
129 110.6 90.1 135.1
131 104.5 84.8 127.2





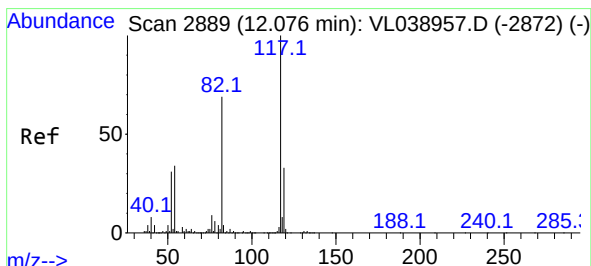
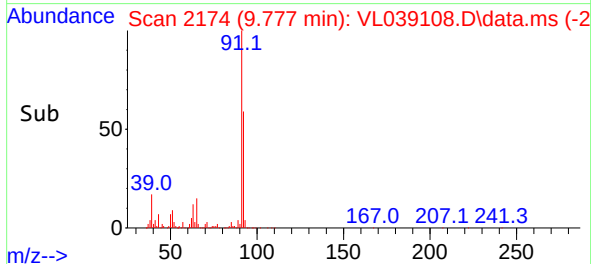
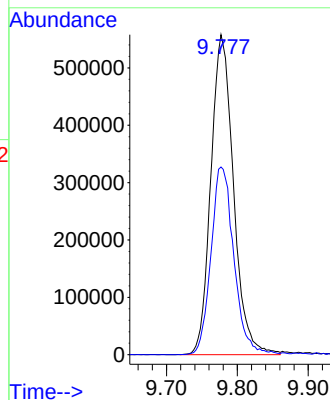
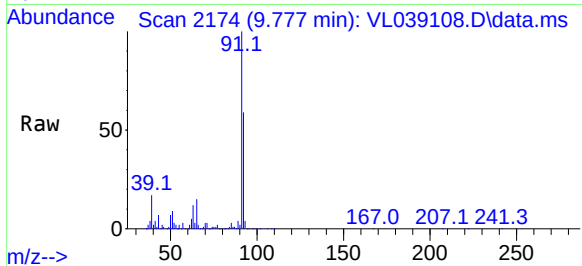
#53
Toluene
Concen: 5.273 ppbv
RT: 9.777 min Scan# 2181
Delta R.T. -0.023 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

Instrument :
MSVOA_L
ClientSampleId :
VP-2

Tgt Ion: 91 Resp: 123786
Ion Ratio Lower Upper
91 100
92 59.9 48.2 72.2

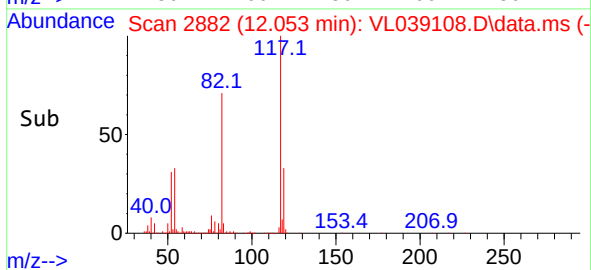
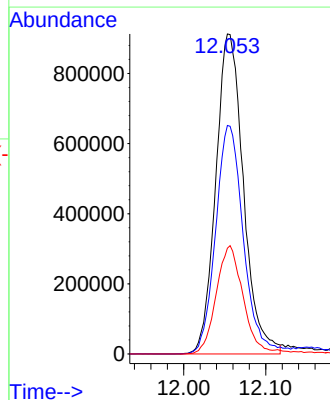
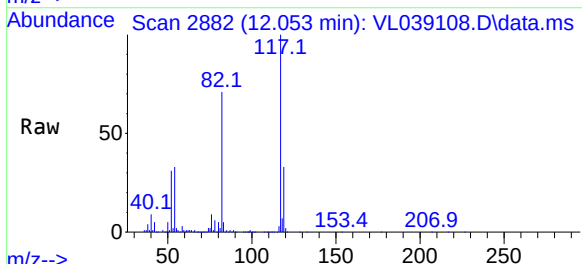
Manual Integrations
APPROVED

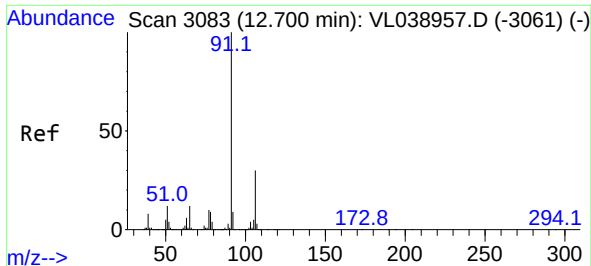
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.053 min Scan# 2882
Delta R.T. -0.023 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

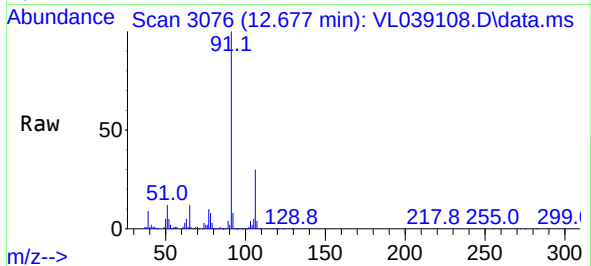
Tgt Ion:117 Resp: 2139312
Ion Ratio Lower Upper
117 100
82 71.6 57.0 85.6
119 34.5 27.2 40.8





#58
Ethyl Benzene
Concen: 1.418 ppbv
RT: 12.677 min Scan# 3083
Delta R.T. -0.023 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

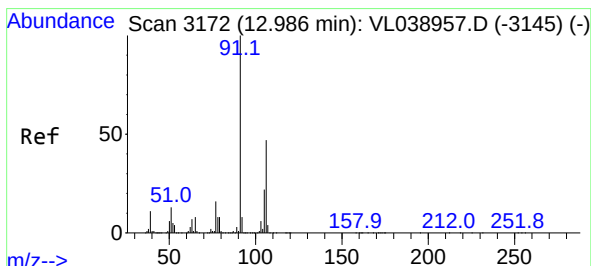
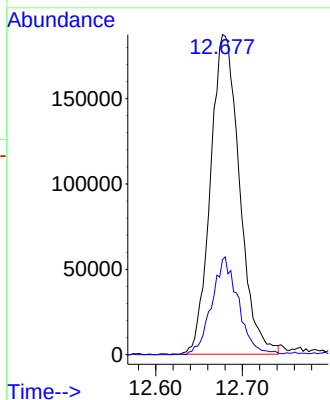
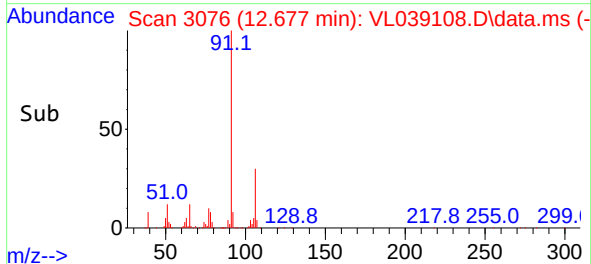
Instrument :
MSVOA_L
ClientSampleId :
VP-2



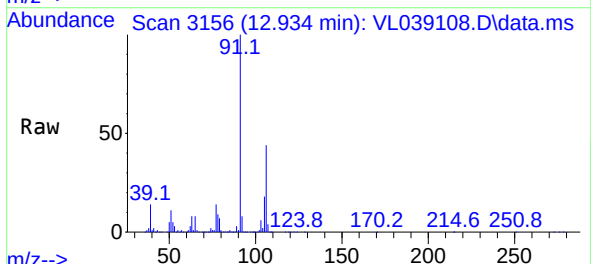
Tgt Ion: 91 Resp: 436520
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4

Manual Integrations
APPROVED

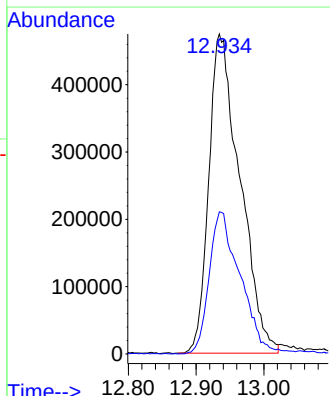
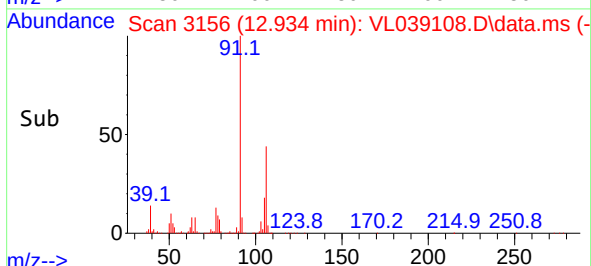
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

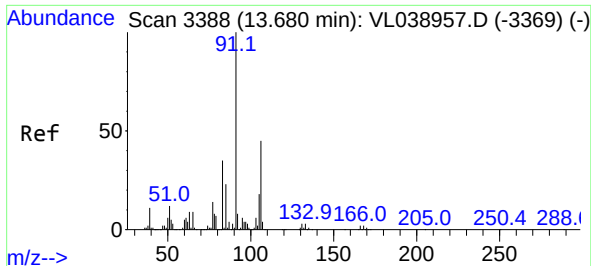


#59
m/p-Xylene
Concen: 5.770 ppbv
RT: 12.934 min Scan# 3156
Delta R.T. -0.051 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03



Tgt Ion: 91 Resp: 1516600
Ion Ratio Lower Upper
91 100
106 45.7 34.6 52.0





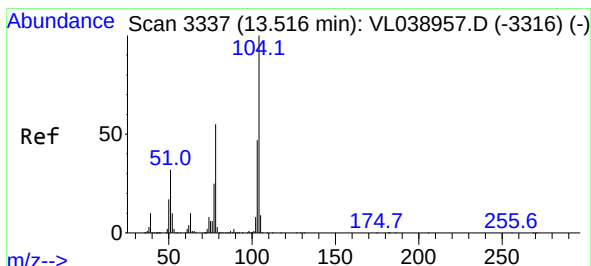
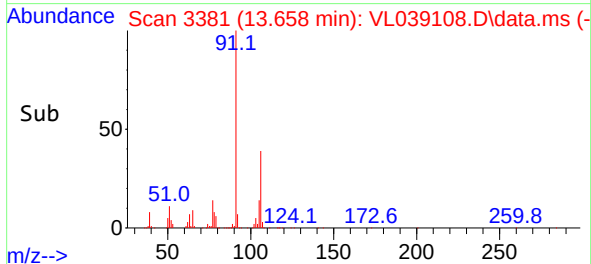
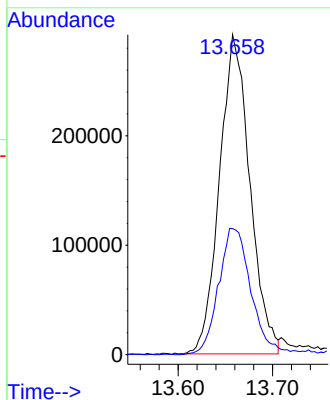
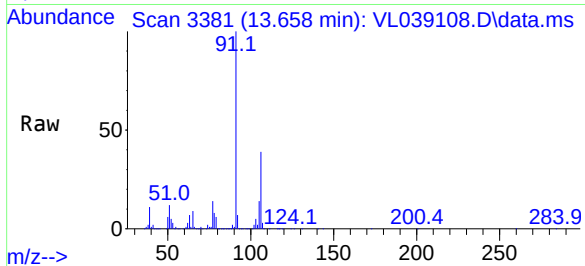
#60
o-Xylene
Concen: 2.630 ppbv
RT: 13.658 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

Instrument :
MSVOA_L
ClientSampleId :
VP-2

Tgt Ion: 91 Resp: 650670
Ion Ratio Lower Upper
91 100
106 43.6 22.2 66.6

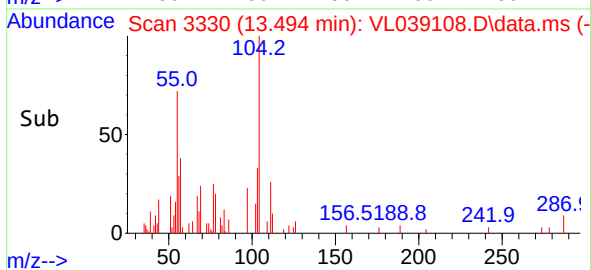
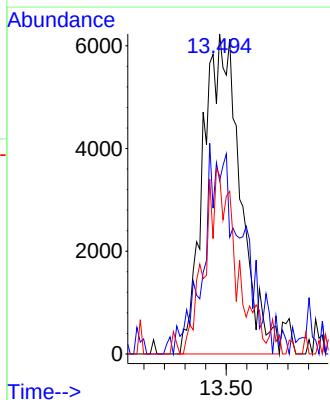
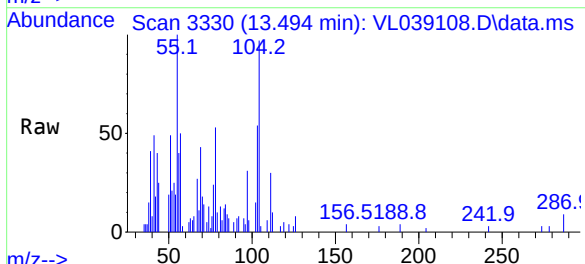
Manual Integrations
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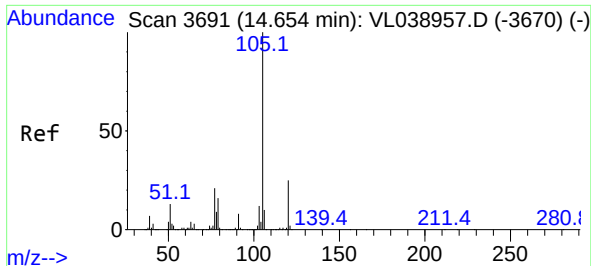
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#61
Styrene
Concen: 0.118 ppbv m
RT: 13.494 min Scan# 3330
Delta R.T. -0.023 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

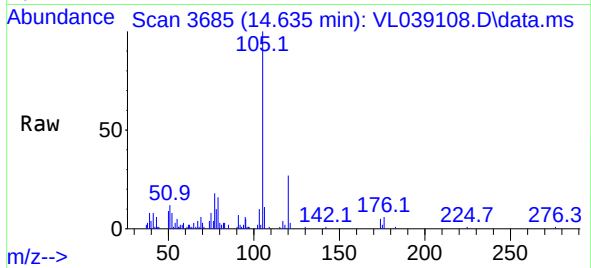
Tgt Ion:104 Resp: 15575
Ion Ratio Lower Upper
104 100
78 0.0 46.4 69.6#
103 53.5 39.3 58.9





#62
Isopropylbenzene
Concen: 0.150 ppbv m
RT: 14.635 min Scan# 30
Delta R.T. -0.019 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

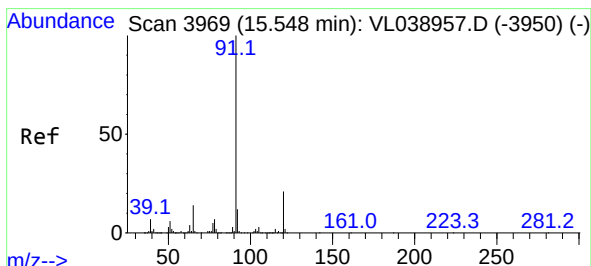
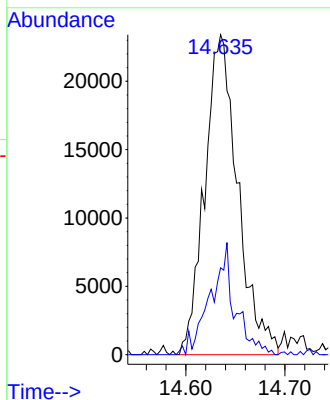
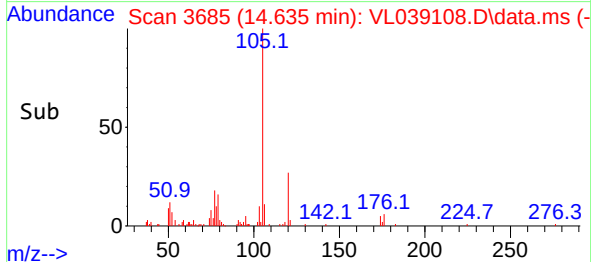
Instrument :
MSVOA_L
ClientSampleId :
VP-2



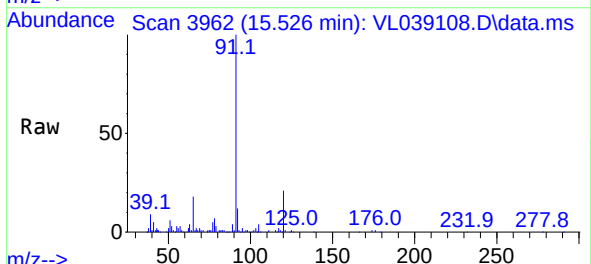
Tgt Ion:105 Resp: 5424
Ion Ratio Lower Upper
105 100
120 26.2 20.5 30.7

Manual Integrations
APPROVED

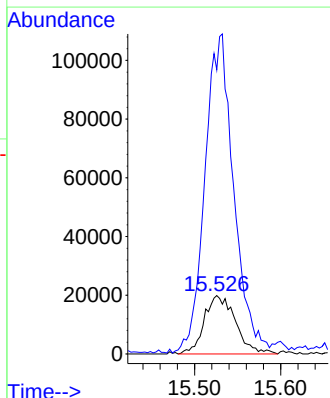
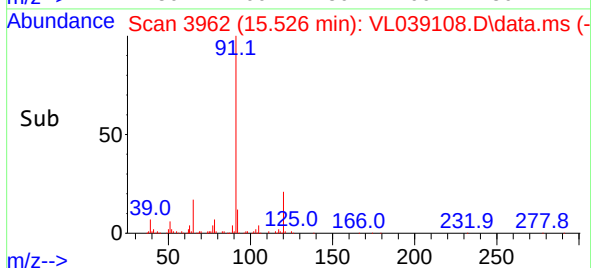
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

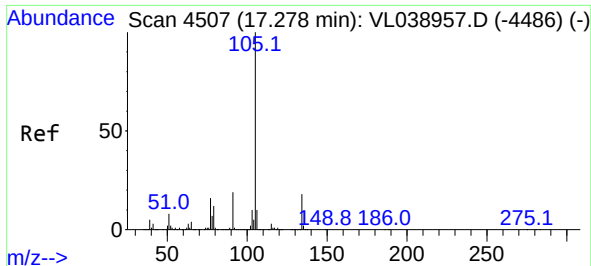


#64
n-propylbenzene
Concen: 0.574 ppbv m
RT: 15.526 min Scan# 3962
Delta R.T. -0.023 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03



Tgt Ion:120 Resp: 50171
Ion Ratio Lower Upper
120 100
91 0.0 400.6 601.0#





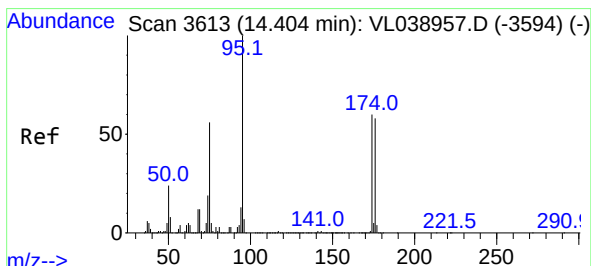
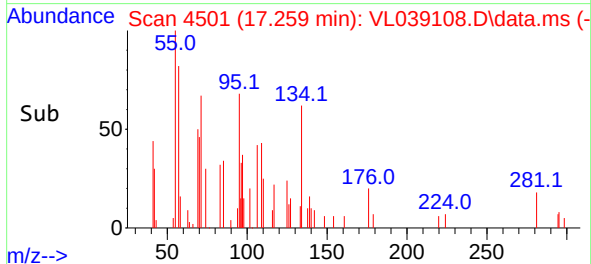
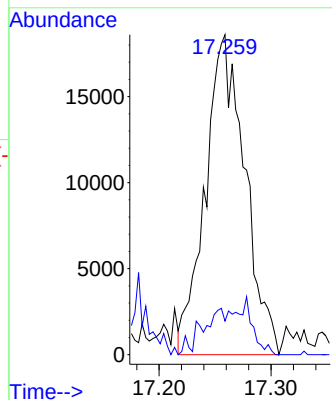
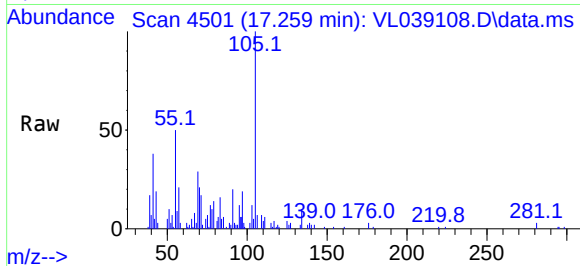
#67
 sec-Butylbenzene
 Concen: 0.101 ppbv m
 RT: 17.259 min Scan# 4
 Delta R.T. -0.019 min
 Lab File: VL039108.D
 Acq: 24 May 2022 7:03

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2

Tgt Ion:105 Resp: 4559
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.2 21.4

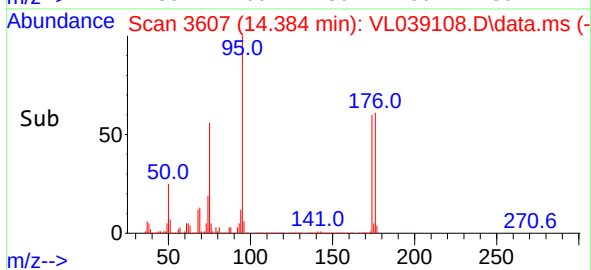
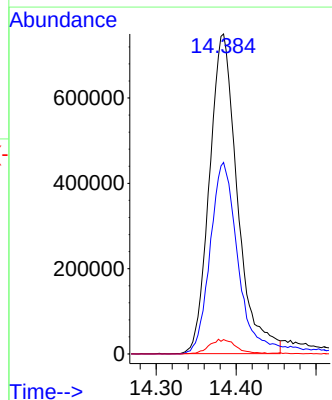
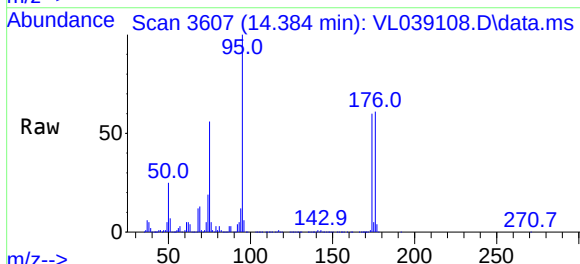
Manual Integrations
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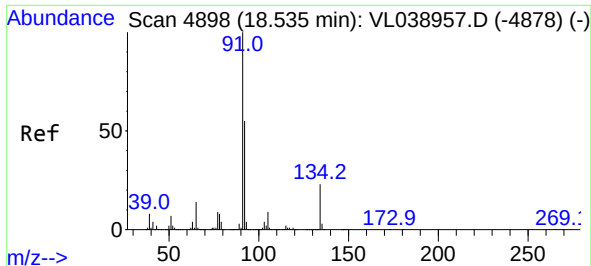
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.776 ppbv
 RT: 14.384 min Scan# 3607
 Delta R.T. -0.019 min
 Lab File: VL039108.D
 Acq: 24 May 2022 7:03

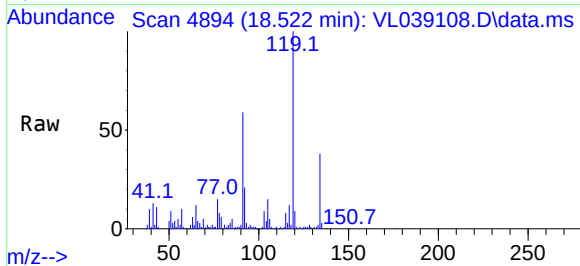
Tgt Ion: 95 Resp: 1825675
 Ion Ratio Lower Upper
 95 100
 174 62.9 50.8 76.2
 175 4.6 3.8 5.6





#70
n-Butylbenzene
Concen: 0.445 ppbv m
RT: 18.522 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

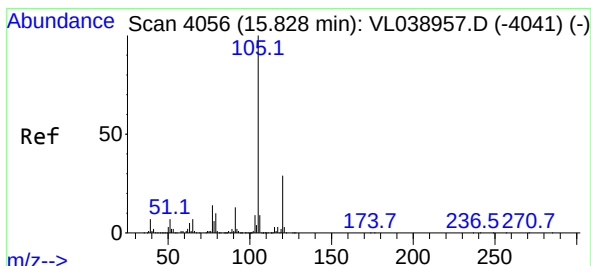
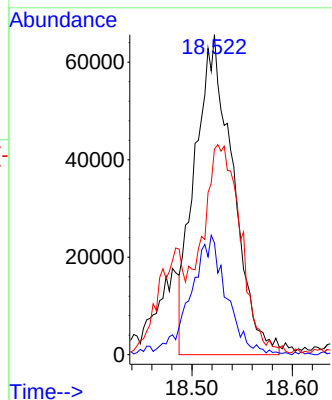
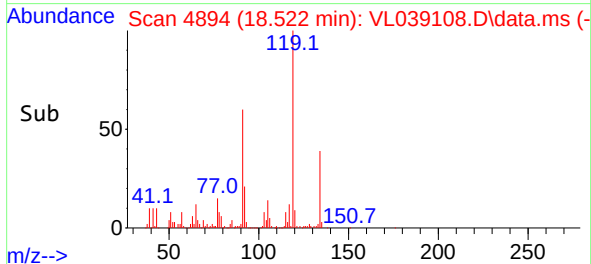
Instrument :
MSVOA_L
ClientSampleId :
VP-2



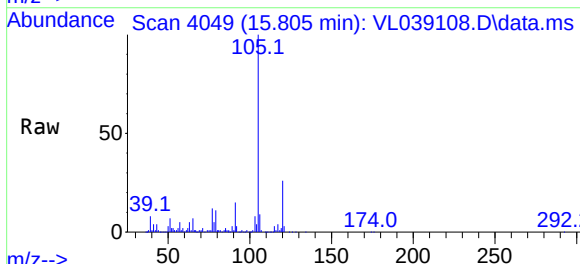
Tgt Ion: 91 Resp: 17305
Ion Ratio Lower Upper
91 100
92 0.0 43.1 64.7
134 22.4 17.0 25.4

Manual Integrations
APPROVED

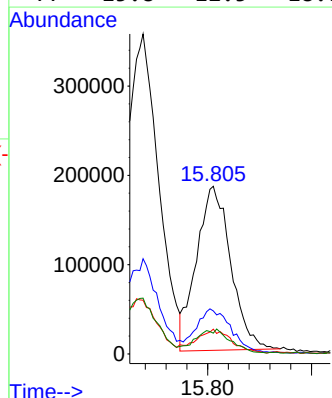
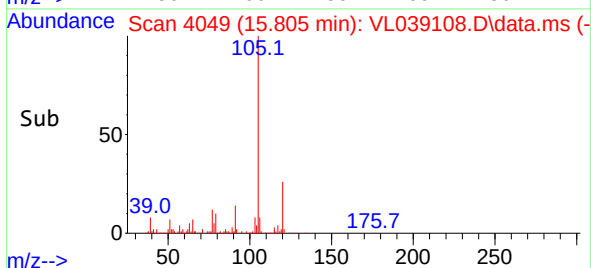
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

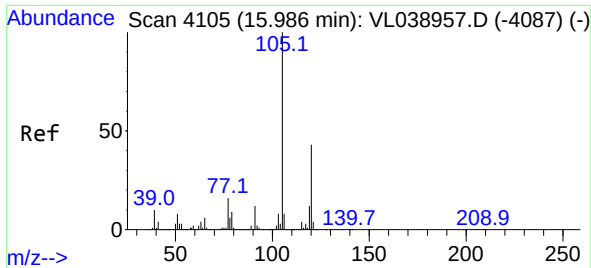


#72
4-Ethyltoluene
Concen: 1.494 ppbv
RT: 15.805 min Scan# 4049
Delta R.T. -0.023 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03



Tgt Ion:105 Resp: 421099
Ion Ratio Lower Upper
105 100
120 29.8 23.4 35.0
91 15.3 10.6 16.0
77 15.8 12.5 18.7





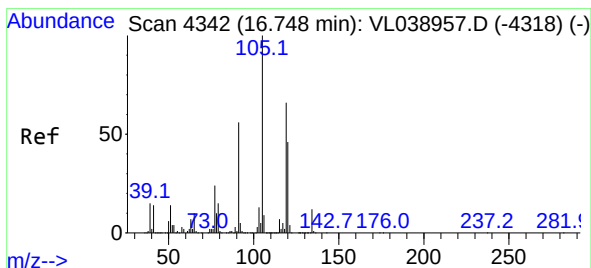
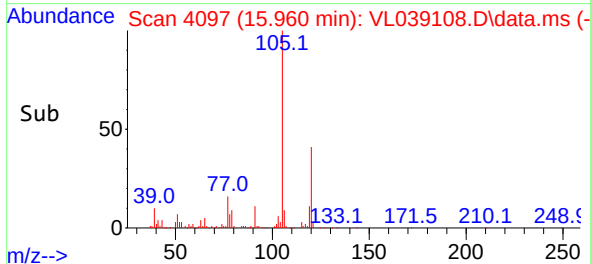
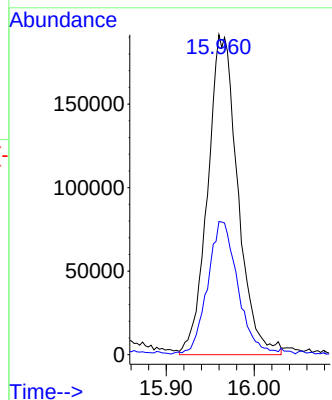
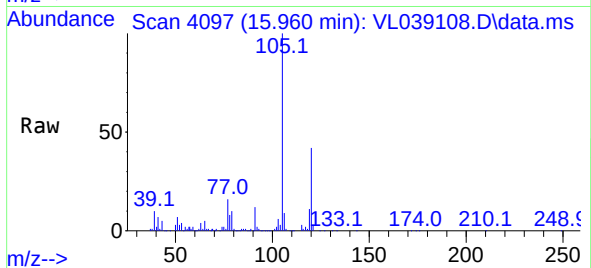
#73
1,3,5-Trimethylbenzene
Concen: 1.796 ppbv m
RT: 15.960 min Scan# 4097
Delta R.T. -0.026 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

Instrument :
MSVOA_L
ClientSampleId :
VP-2

Tgt Ion:105 Resp: 455684
Ion Ratio Lower Upper
105 100
120 41.6 34.4 51.6

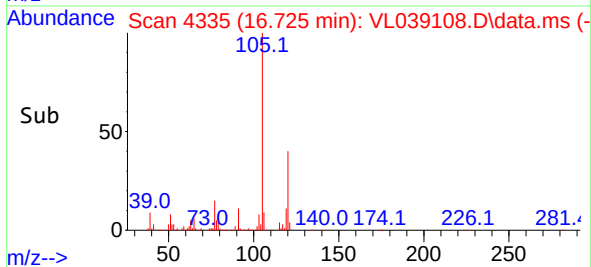
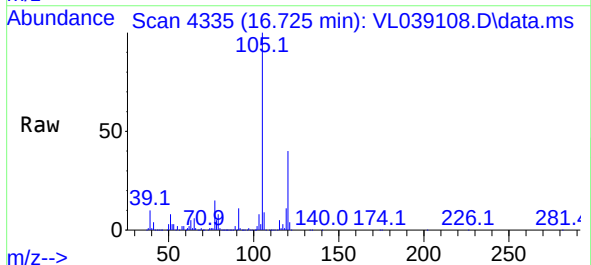
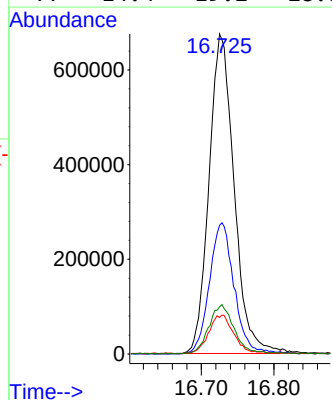
Manual Integrations
APPROVED

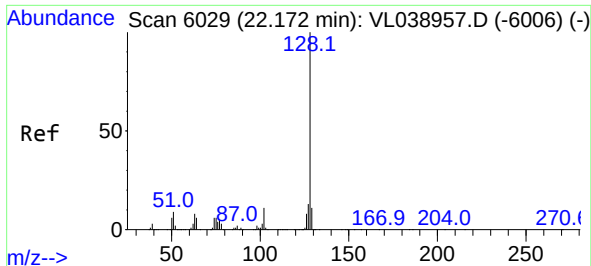
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#74
1,2,4-Trimethylbenzene
Concen: 5.824 ppbv
RT: 16.725 min Scan# 4335
Delta R.T. -0.023 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

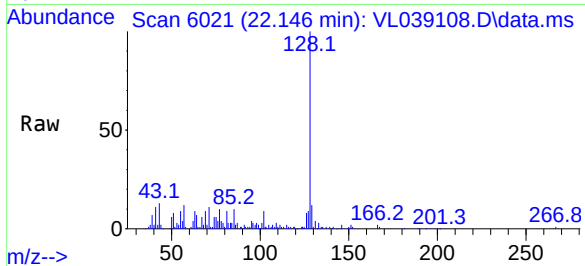
Tgt Ion:105 Resp: 1618328
Ion Ratio Lower Upper
105 100
120 40.3 36.9 55.3
91 11.3 45.0 67.4#
77 14.4 19.2 28.8#





#79
Naphthalene
Concen: 0.905 ppbv m
RT: 22.146 min Scan# 6029
Delta R.T. -0.026 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03

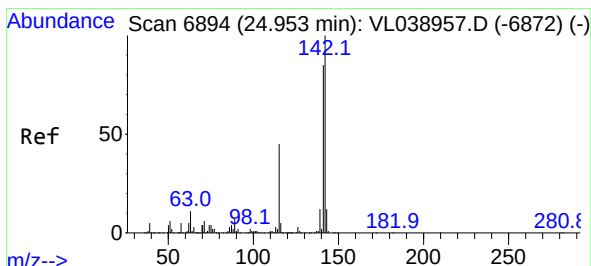
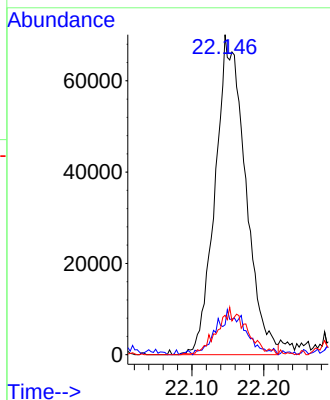
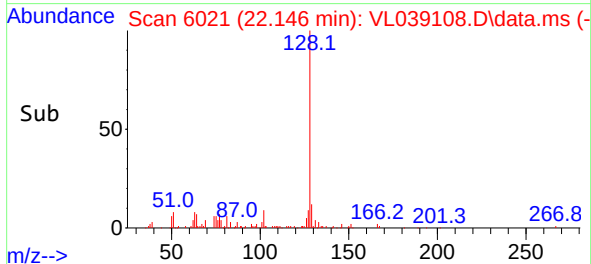
Instrument :
MSVOA_L
ClientSampleId :
VP-2



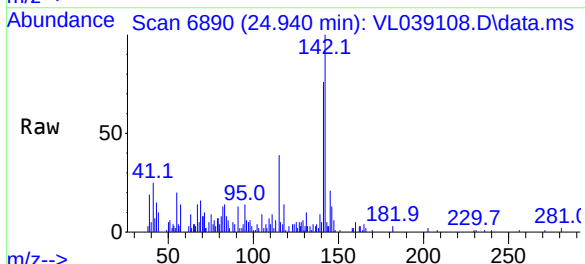
Tgt Ion:128 Resp: 204359
Ion Ratio Lower Upper
128 100
127 9.4 10.2 15.2
129 12.3 8.9 13.3

Manual Integrations
APPROVED

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



#80
Naphthalene,2-methyl-
Concen: 0.548 ppbv m
RT: 24.940 min Scan# 6890
Delta R.T. -0.013 min
Lab File: VL039108.D
Acq: 24 May 2022 7:03



Tgt Ion:142 Resp: 37395
Ion Ratio Lower Upper
142 100
141 83.6 70.8 106.2
115 73.5 35.1 52.7

