

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
 Data File : VL038991.D
 Acq On : 9 May 2022 17:43
 Operator : SY/AP
 Sample : N2724-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022

Quant Time: May 10 05:45:28 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	1103739	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.153	114	2406103	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.057	117	2110162	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.388	95	1782040	10.664	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.041	85	115184	0.666	ppbv	99
3) Chlorodifluoromethane	2.983	51	84871m	0.620	ppbv	
4) Chloromethane	3.134	50	35405m	0.516	ppbv	
9) Propene	3.015	41	39806	0.666	ppbv	92
11) Trichlorofluoromethane	3.944	101	42113m	0.284	ppbv	
13) Ethanol	3.597	45	139267	32.903	ppbv	99
15) Acetone	3.845	43	352217	3.383	ppbv	97
19) Isopropyl Alcohol	3.961	45	77047	1.556	ppbv #	85
20) Methylene Chloride	4.333	84	128322	3.270	ppbv	98
26) Hexane	5.671	57	171322	1.547	ppbv #	43
34) 2-Butanone	5.243	43	31329	0.255	ppbv #	82
35) Carbon Tetrachloride	7.002	117	11187m	0.071	ppbv	
36) Benzene	6.880	78	40750m	0.198	ppbv	
43) Methyl Methacrylate	7.999	69	15034m	0.180	ppbv	
53) Toluene	9.777	91	53062m	0.230	ppbv	
59) m/p-Xylene	12.931	91	55036m	0.212	ppbv	

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

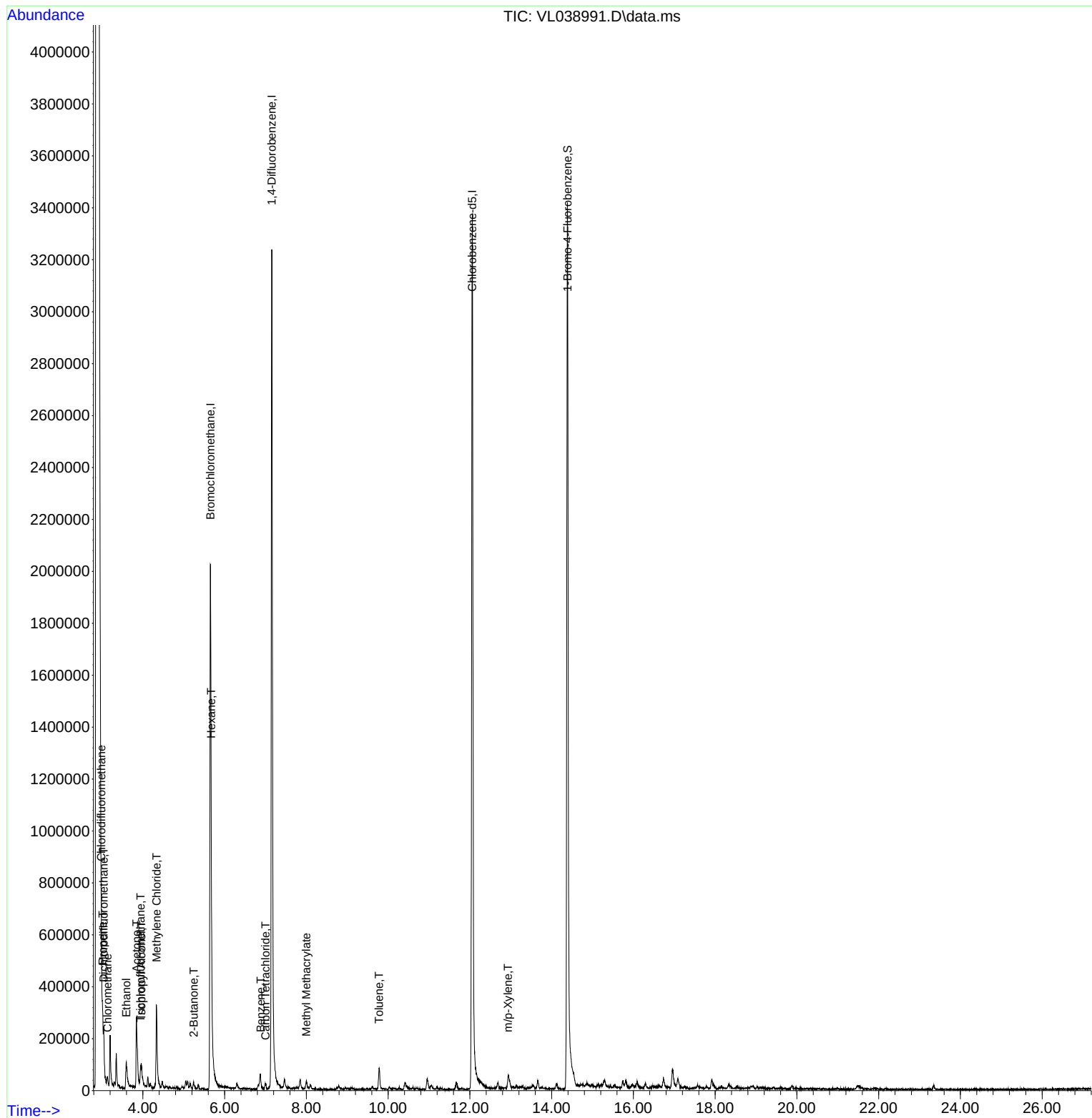
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
Data File : VL038991.D
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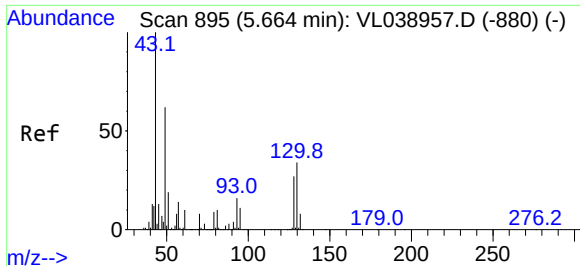
Instrument :
MSVOA_L
ClientSampleId :
OA1

Quant Time: May 10 05:45:28 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

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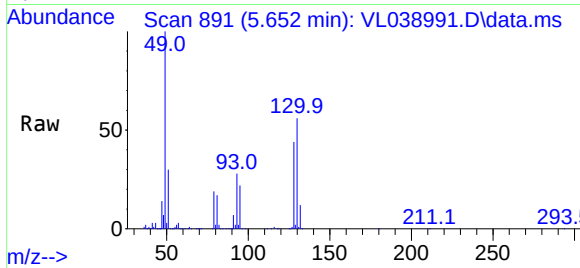
Reviewed By : Semsettin Yesilyurt 05/10/2022
Supervised By : Mahesh Dadoda 05/11/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 89
Delta R.T. -0.013 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

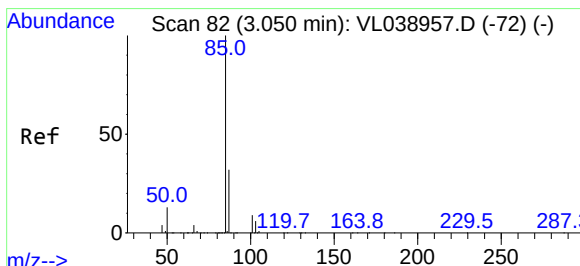
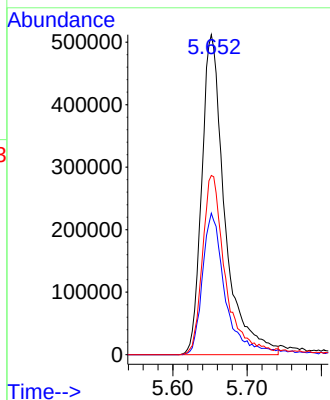
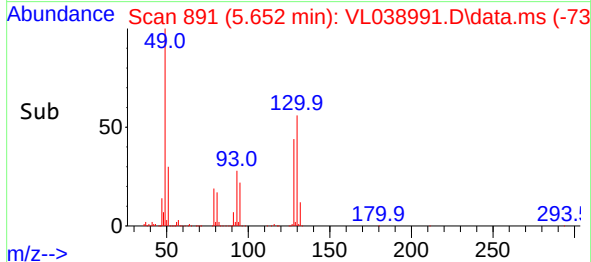
Instrument :
MSVOA_L
ClientSampleId :
OA1



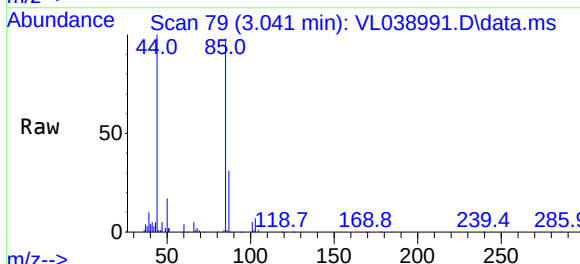
Tgt Ion: 49 Resp: 1103739
Ion Ratio Lower Upper
49 100
128 44.7 23.3 69.8
130 58.0 29.8 89.3

Manual Integrations
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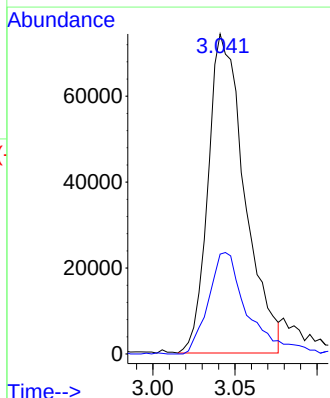
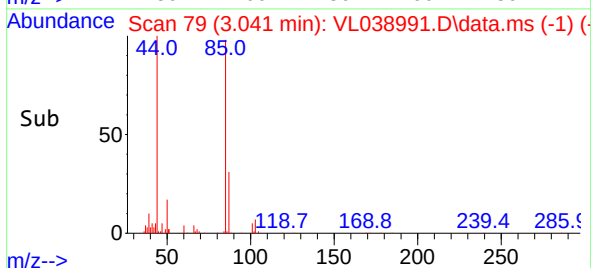
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Supervised By :Mahesh Dadoda 05/11/2022

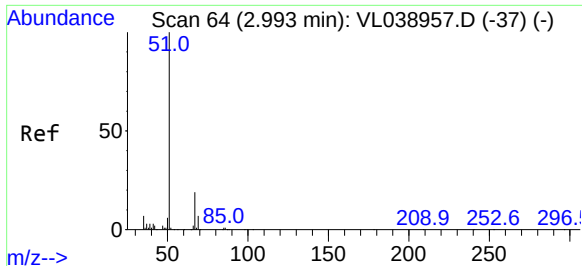


#2
Dichlorodifluoromethane
Concen: 0.666 ppbv
RT: 3.041 min Scan# 79
Delta R.T. -0.009 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43



Tgt Ion: 85 Resp: 115184
Ion Ratio Lower Upper
85 100
87 31.3 25.7 38.5





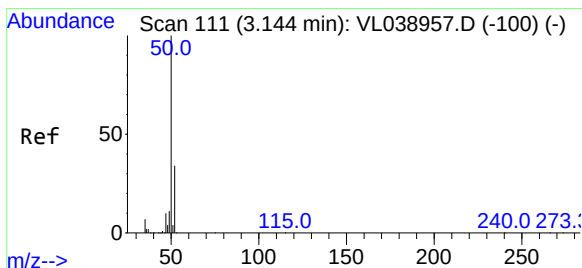
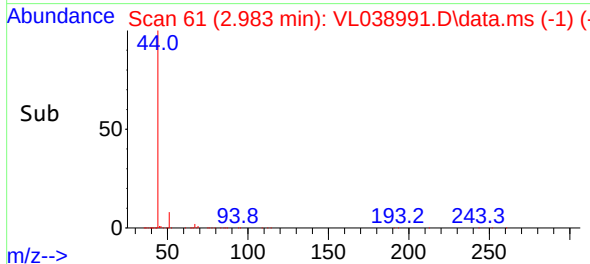
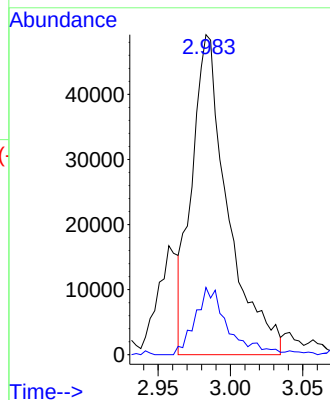
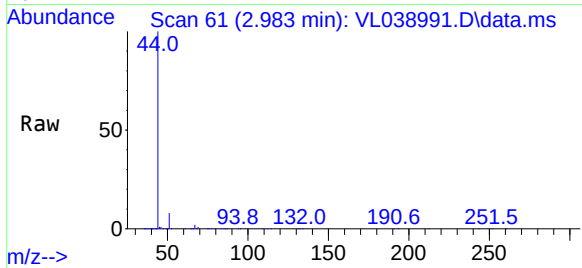
#3
Chlorodifluoromethane
Concen: 0.620 ppbv m
RT: 2.983 min Scan# 61
Delta R.T. -0.009 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 51 Resp: 8487
Ion Ratio Lower Upper
51 100
67 19.9 15.8 23.8

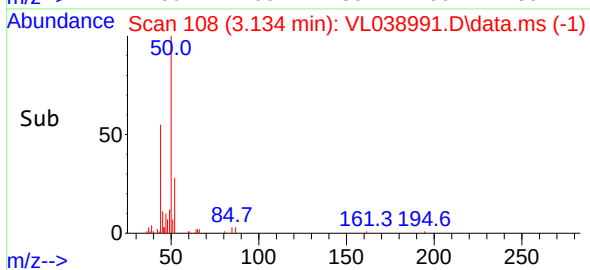
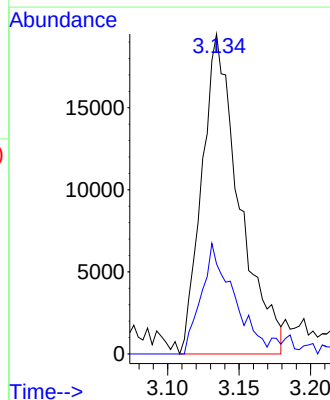
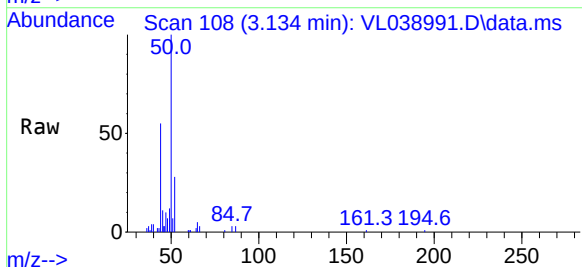
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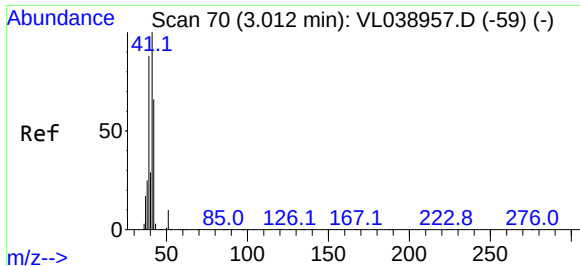
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#4
Chloromethane
Concen: 0.516 ppbv m
RT: 3.134 min Scan# 108
Delta R.T. -0.009 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

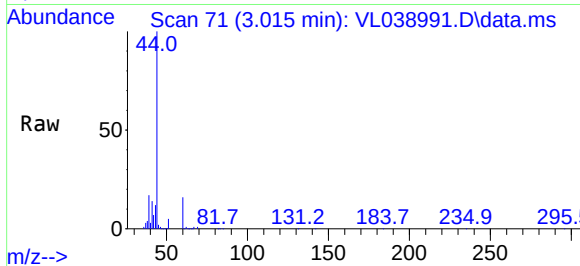
Tgt Ion: 50 Resp: 35405
Ion Ratio Lower Upper
50 100
52 28.2 27.3 40.9





#9
Propene
Concen: 0.666 ppbv
RT: 3.015 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

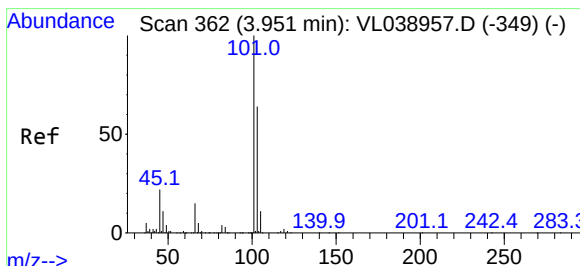
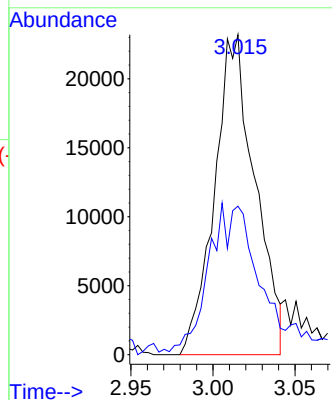
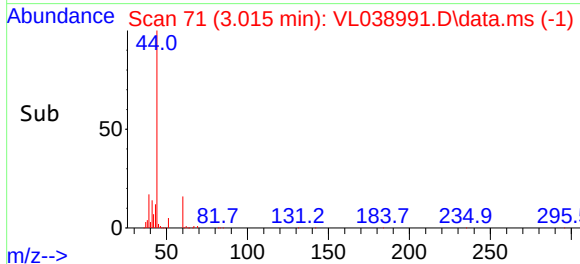
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 41 Resp: 3980
Ion Ratio Lower Upper
41 100
42 66.5 58.3 87.5

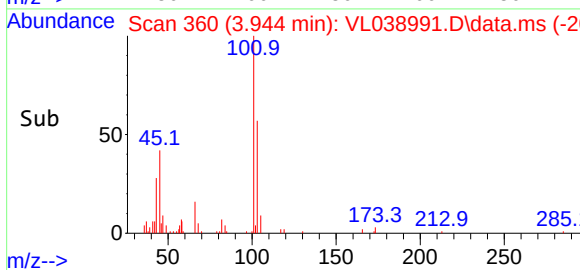
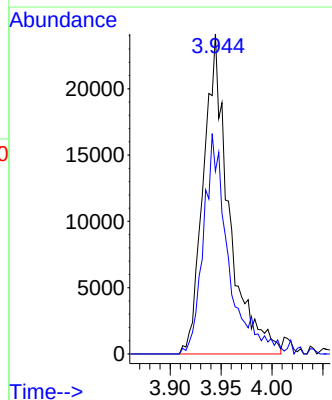
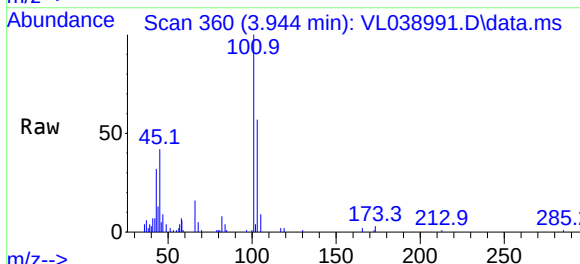
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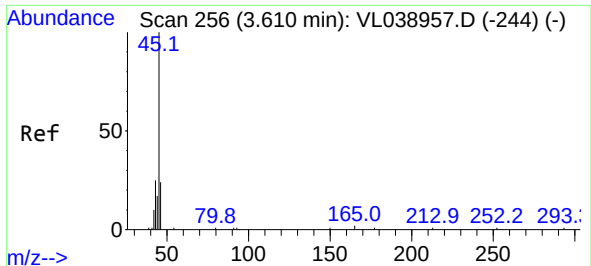
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#11
Trichlorofluoromethane
Concen: 0.284 ppbv m
RT: 3.944 min Scan# 360
Delta R.T. -0.006 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

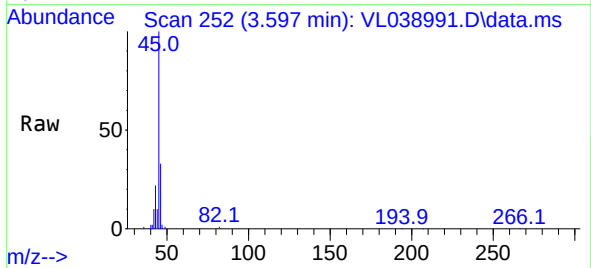
Tgt Ion:101 Resp: 42113
Ion Ratio Lower Upper
101 100
103 57.1 51.5 77.3





#13
Ethanol
Concen: 32.903 ppbv
RT: 3.597 min Scan# 213
Delta R.T. -0.013 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

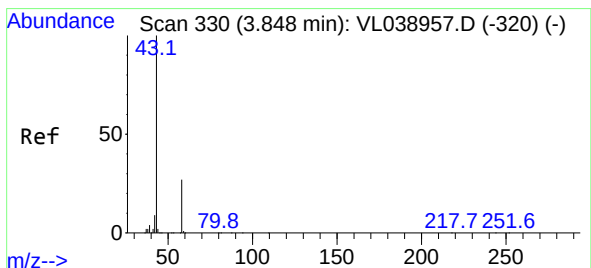
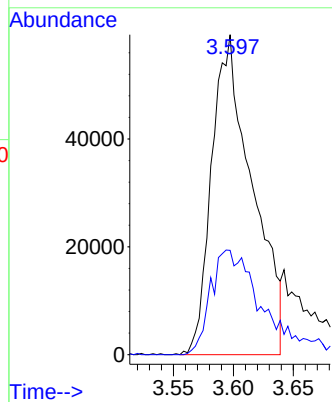
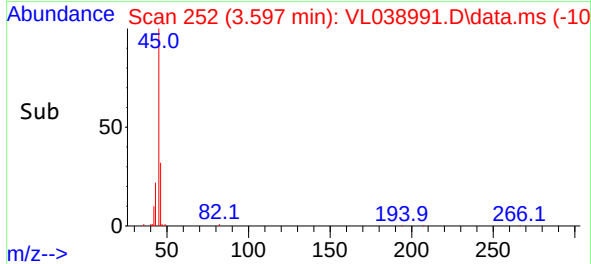
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 45 Resp: 13926
Ion Ratio Lower Upper
45 100
46 44.3 18.0 72.2

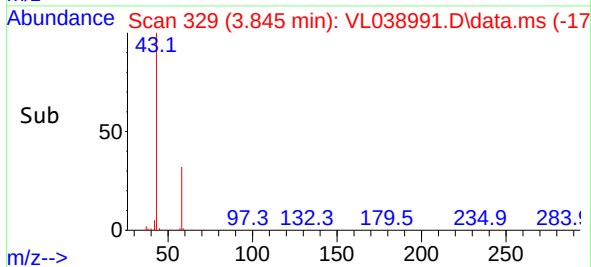
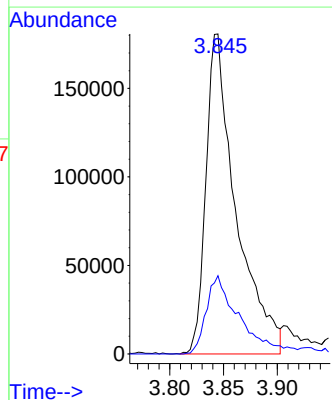
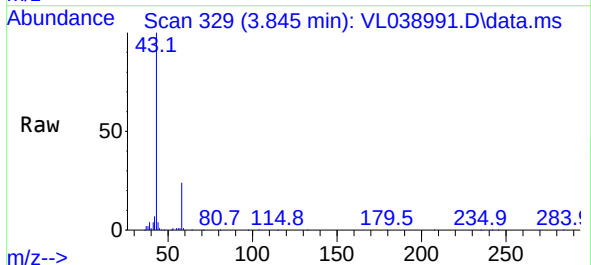
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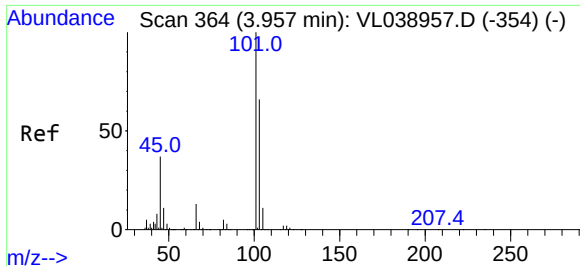
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#15
Acetone
Concen: 3.383 ppbv
RT: 3.845 min Scan# 329
Delta R.T. -0.003 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

Tgt Ion: 43 Resp: 352217
Ion Ratio Lower Upper
43 100
58 28.2 21.3 31.9





#19

Isopropyl Alcohol

Concen: 1.556 ppbv

RT: 3.961 min Scan# 30

Delta R.T. 0.003 min

Lab File: VL038991.D

Acq: 9 May 2022 17:43

Instrument :

MSVOA_L

ClientSampleId :

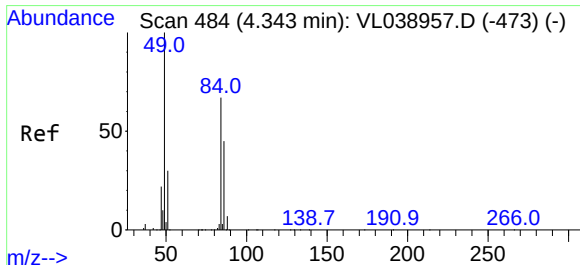
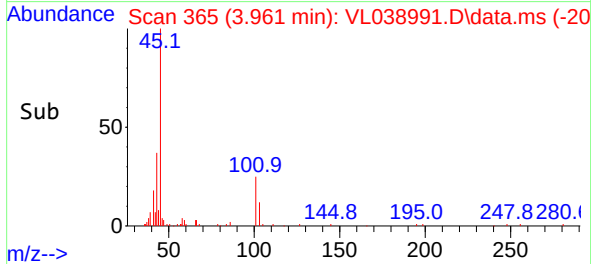
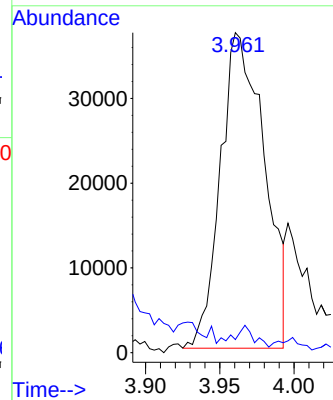
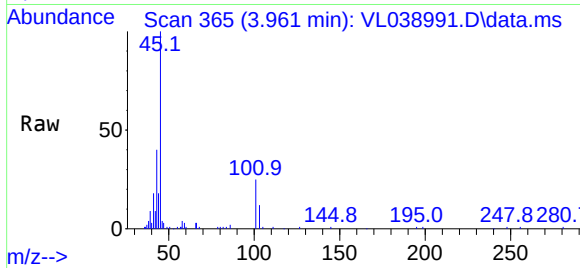
OA1

Tgt Ion: 45 Resp: 7704
 Ion Ratio Lower Upper
 45 100
 58 7.4 1.4 2.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#20

Methylene Chloride

Concen: 3.270 ppbv

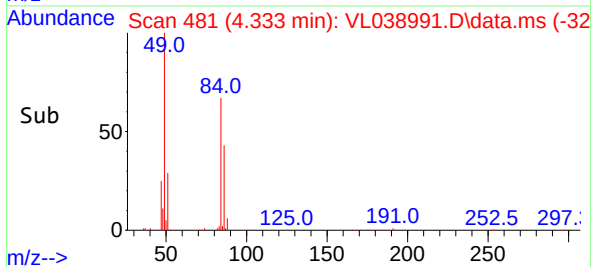
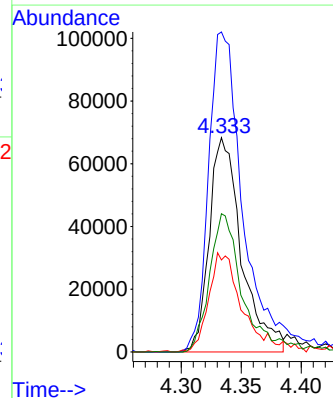
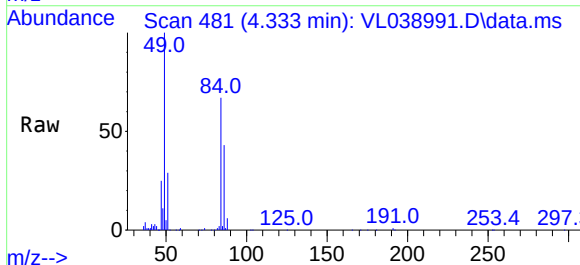
RT: 4.333 min Scan# 481

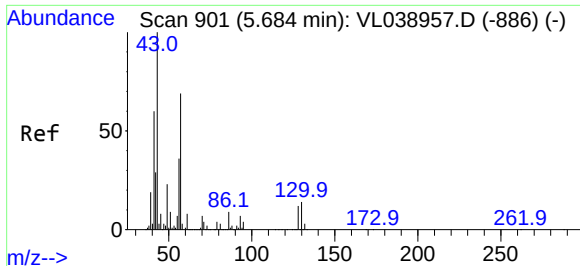
Delta R.T. -0.009 min

Lab File: VL038991.D

Acq: 9 May 2022 17:43

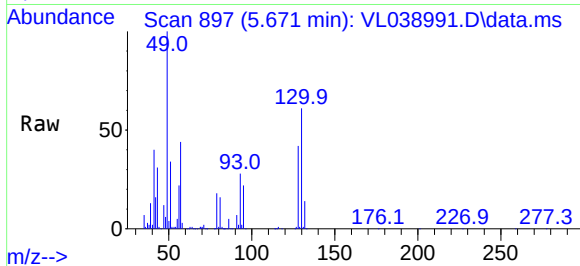
Tgt Ion: 84 Resp: 128322
 Ion Ratio Lower Upper
 84 100
 49 148.7 119.9 179.9
 51 41.9 35.7 53.5
 86 64.5 53.8 80.6





#26
Hexane
Concen: 1.547 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.013 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

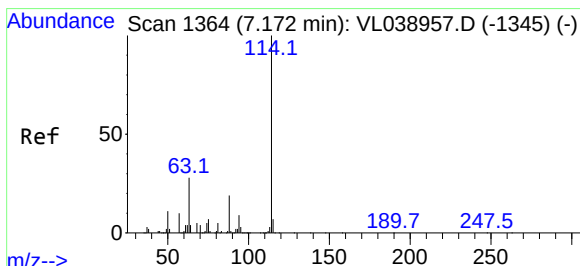
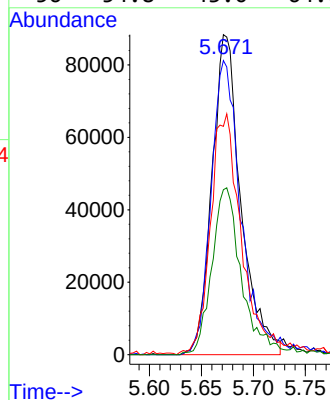
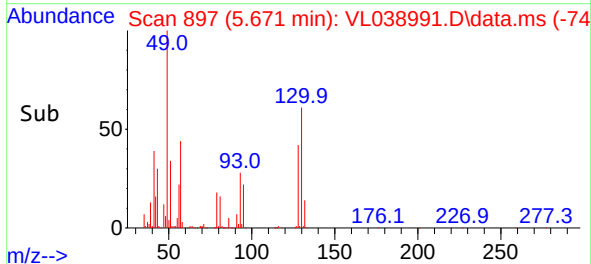
Instrument :
MSVOA_L
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OA1



Tgt Ion: 57 Resp: 17132
Ion Ratio Lower Upper
57 100
41 97.0 75.2 112.8
43 84.1 190.8 286.2
56 54.8 43.0 64.6

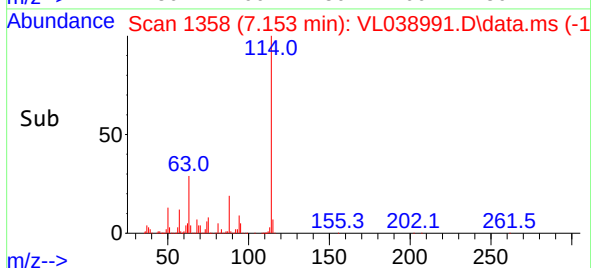
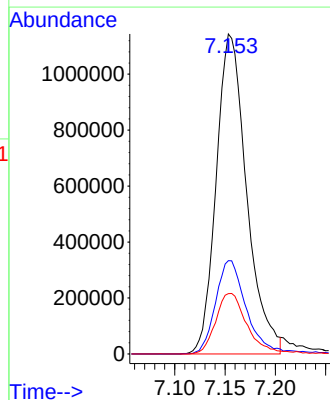
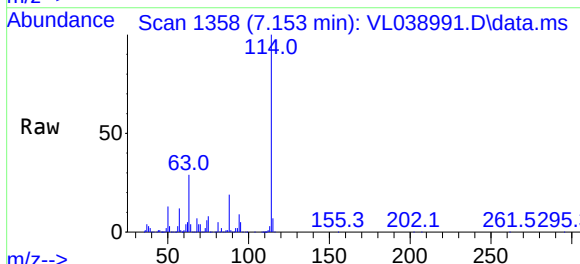
Manual Integrations
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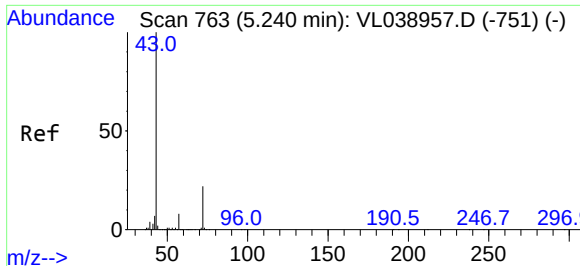
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 1358
Delta R.T. -0.019 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

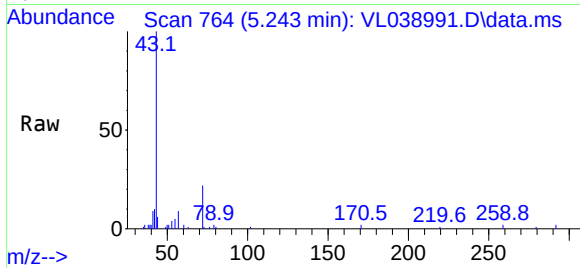
Tgt Ion:114 Resp: 2406103
Ion Ratio Lower Upper
114 100
63 30.5 22.6 33.8
88 20.0 15.4 23.0





#34
2-Butanone
Concen: 0.255 ppbv
RT: 5.243 min Scan# 764
Delta R.T. 0.003 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

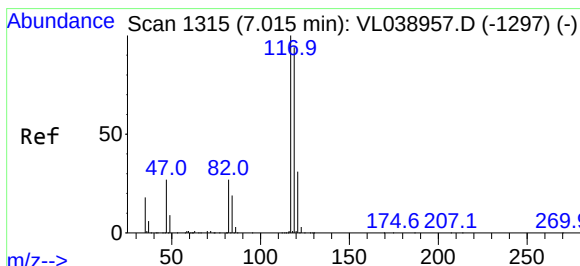
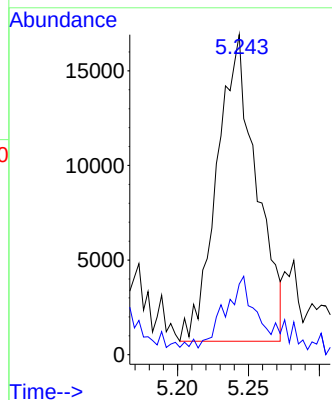
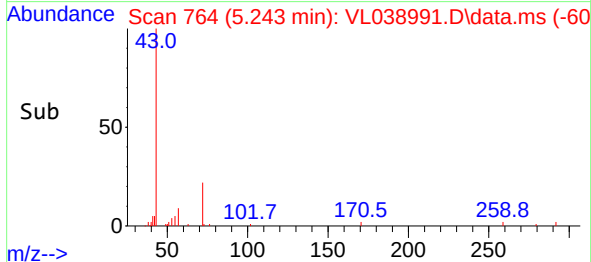
Instrument :
MSVOA_L
ClientSampleId :
OA1



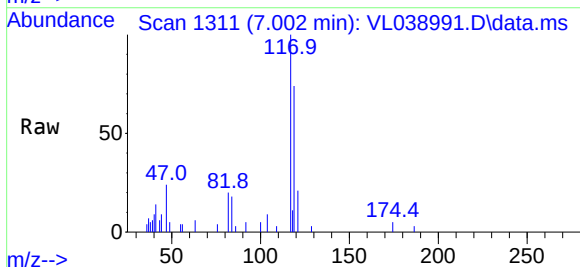
Tgt Ion: 43 Resp: 31329
Ion Ratio Lower Upper
43 100
72 30.6 17.8 26.6

Manual Integrations
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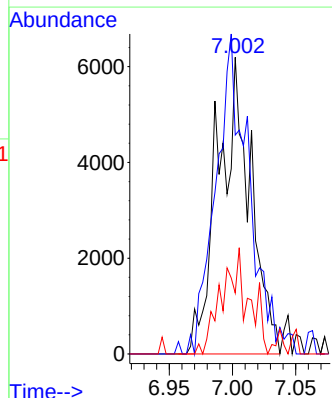
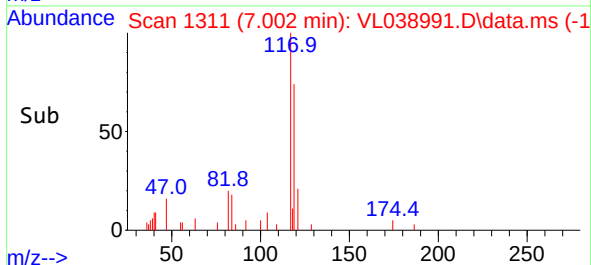
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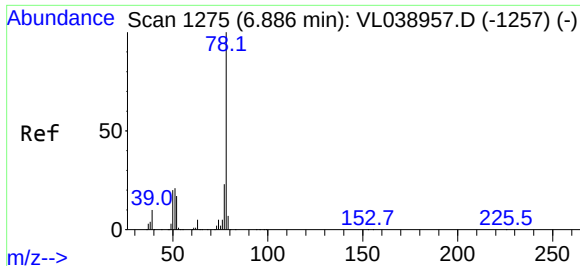


#35
Carbon Tetrachloride
Concen: 0.071 ppbv m
RT: 7.002 min Scan# 1311
Delta R.T. -0.013 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43



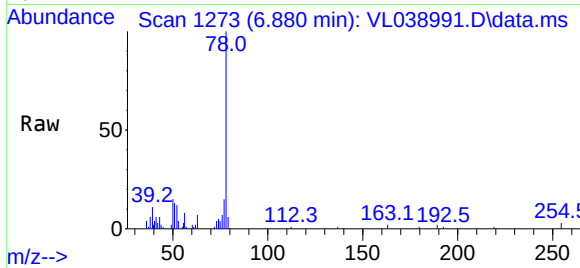
Tgt Ion:117 Resp: 11187
Ion Ratio Lower Upper
117 100
119 73.8 75.2 112.8#
121 20.5 24.6 37.0#





#36
Benzene
Concen: 0.198 ppbv m
RT: 6.880 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

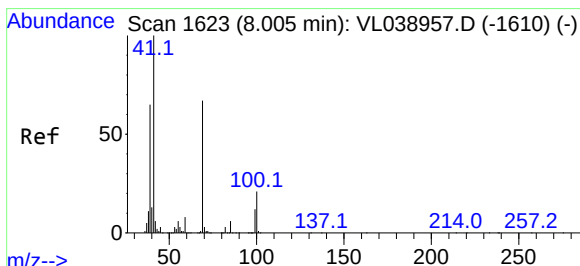
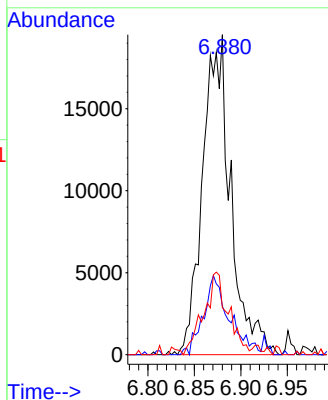
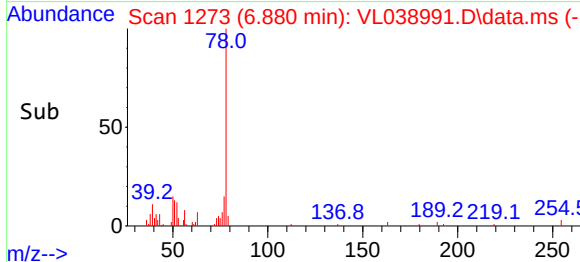
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 78 Resp: 40750
Ion Ratio Lower Upper
78 100
77 15.3 18.6 28.0
50 14.7 15.6 23.4

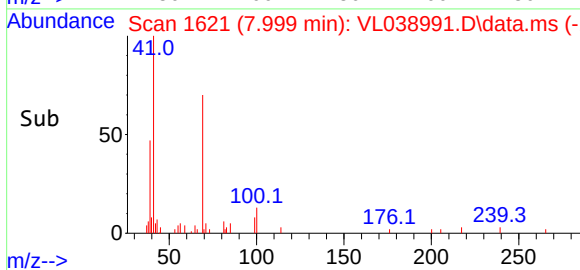
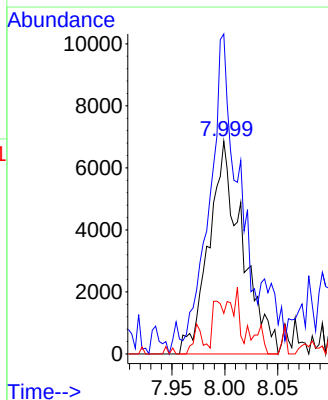
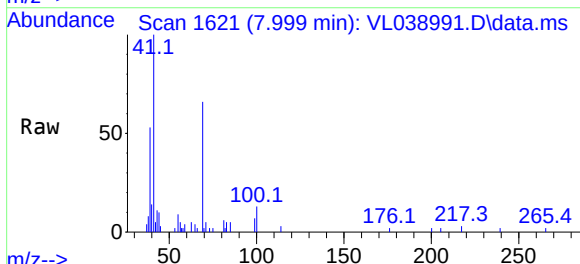
Manual Integrations
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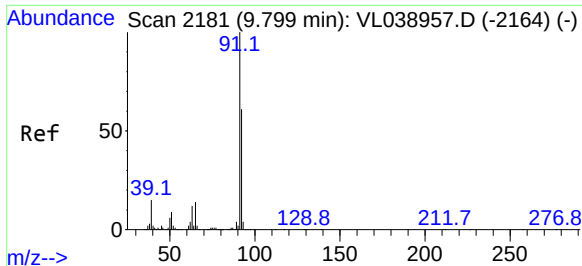
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#43
Methyl Methacrylate
Concen: 0.180 ppbv m
RT: 7.999 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

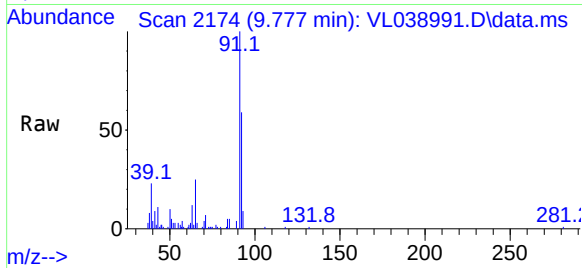
Tgt Ion: 69 Resp: 15034
Ion Ratio Lower Upper
69 100
41 153.3 121.9 182.9
100 0.0 24.6 36.8





#53
Toluene
Concen: 0.230 ppbv m
RT: 9.777 min Scan# 2181
Delta R.T. -0.022 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

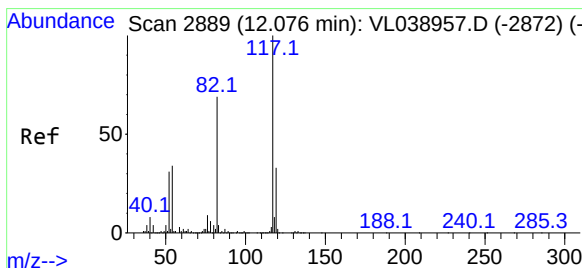
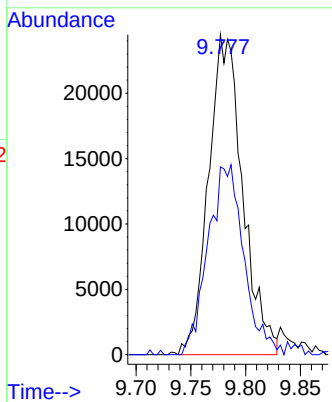
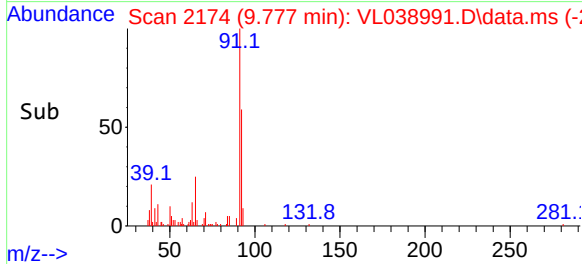
Instrument :
MSVOA_L
ClientSampleId :
OA1



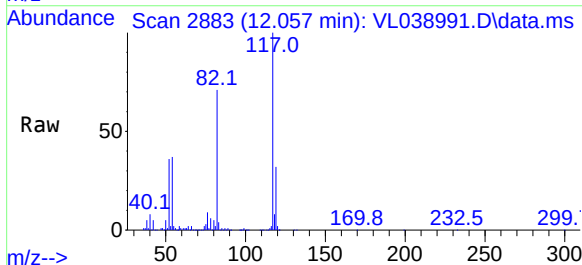
Tgt Ion: 91 Resp: 53062
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2

Manual Integrations
APPROVED

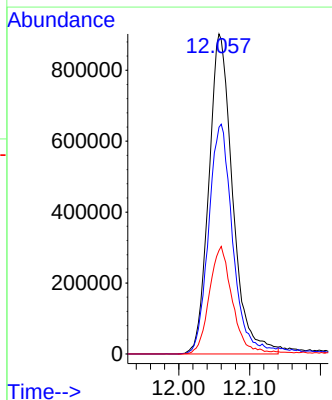
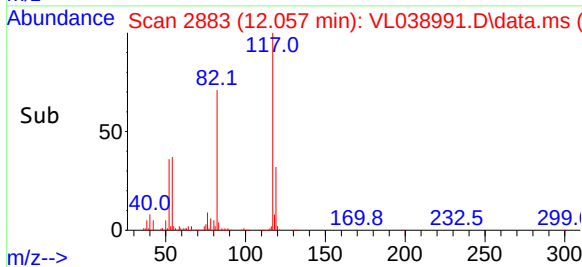
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

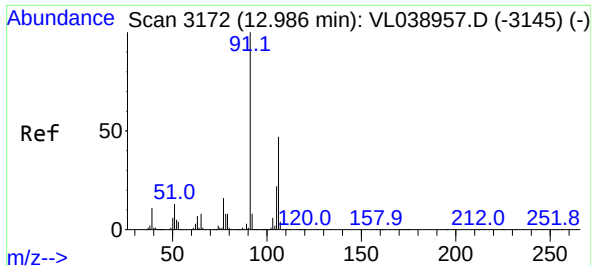


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.057 min Scan# 2883
Delta R.T. -0.019 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43



Tgt Ion:117 Resp: 2110162
Ion Ratio Lower Upper
117 100
82 75.0 57.0 85.6
119 33.1 27.2 40.8





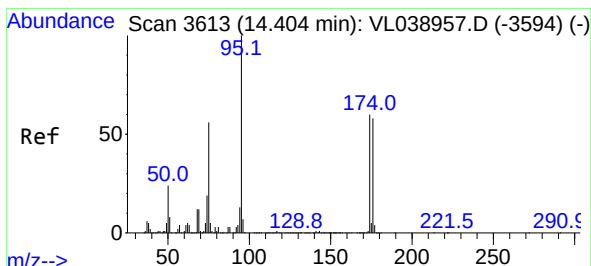
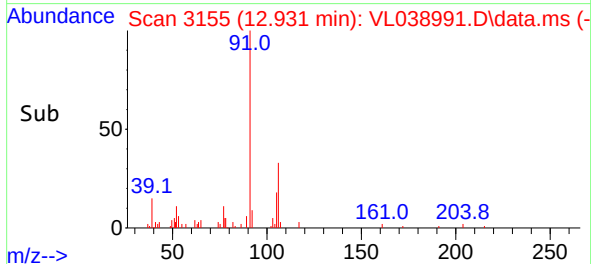
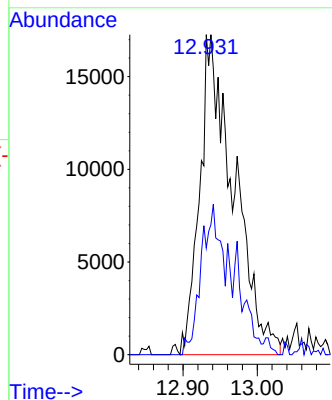
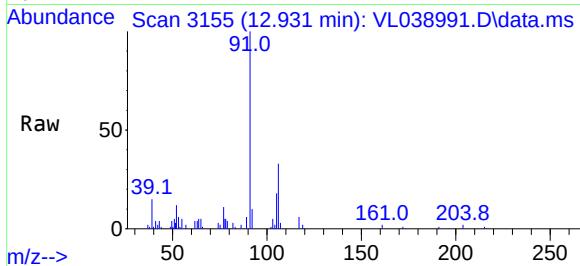
#59
m/p-Xylene
Concen: 0.212 ppbv m
RT: 12.931 min Scan# 3172
Delta R.T. -0.054 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 91 Resp: 55030
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.664 ppbv
RT: 14.388 min Scan# 3608
Delta R.T. -0.016 min
Lab File: VL038991.D
Acq: 9 May 2022 17:43

Tgt Ion: 95 Resp: 1782040
Ion Ratio Lower Upper
95 100
174 60.6 50.8 76.2
175 4.4 3.8 5.6

