

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039091.D
 Acq On : 23 May 2022 19:43
 Operator : SY/AP
 Sample : N2956-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AP-1DL

Manual Integrations
 APPROVED

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

Quant Time: May 24 06:01:52 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 13:01:15 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	5.652	49	1084322	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.156	114	2549952	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.063	117	2173230	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.391	95	1799582	10.456	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.044	85	23163m	0.136	ppbv	
4) Chloromethane	3.144	50	9118m	0.135	ppbv	
9) Propene	3.018	41	310994	5.293	ppbv #	56
13) Ethanol	3.591	45	59448m	14.296	ppbv	
15) Acetone	3.841	43	139344	1.362	ppbv	97
19) Isopropyl Alcohol	3.964	45	8687m	0.179	ppbv	
20) Methylene Chloride	4.333	84	352232	9.137	ppbv	95
26) Hexane	5.674	57	213284m	1.961	ppbv	
34) 2-Butanone	5.240	43	13596m	0.105	ppbv	
58) Ethyl Benzene	12.687	91	54899m	0.176	ppbv	
59) m/p-Xylene	12.944	91	187238m	0.701	ppbv	
60) o-Xylene	13.661	91	45200m	0.180	ppbv	

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

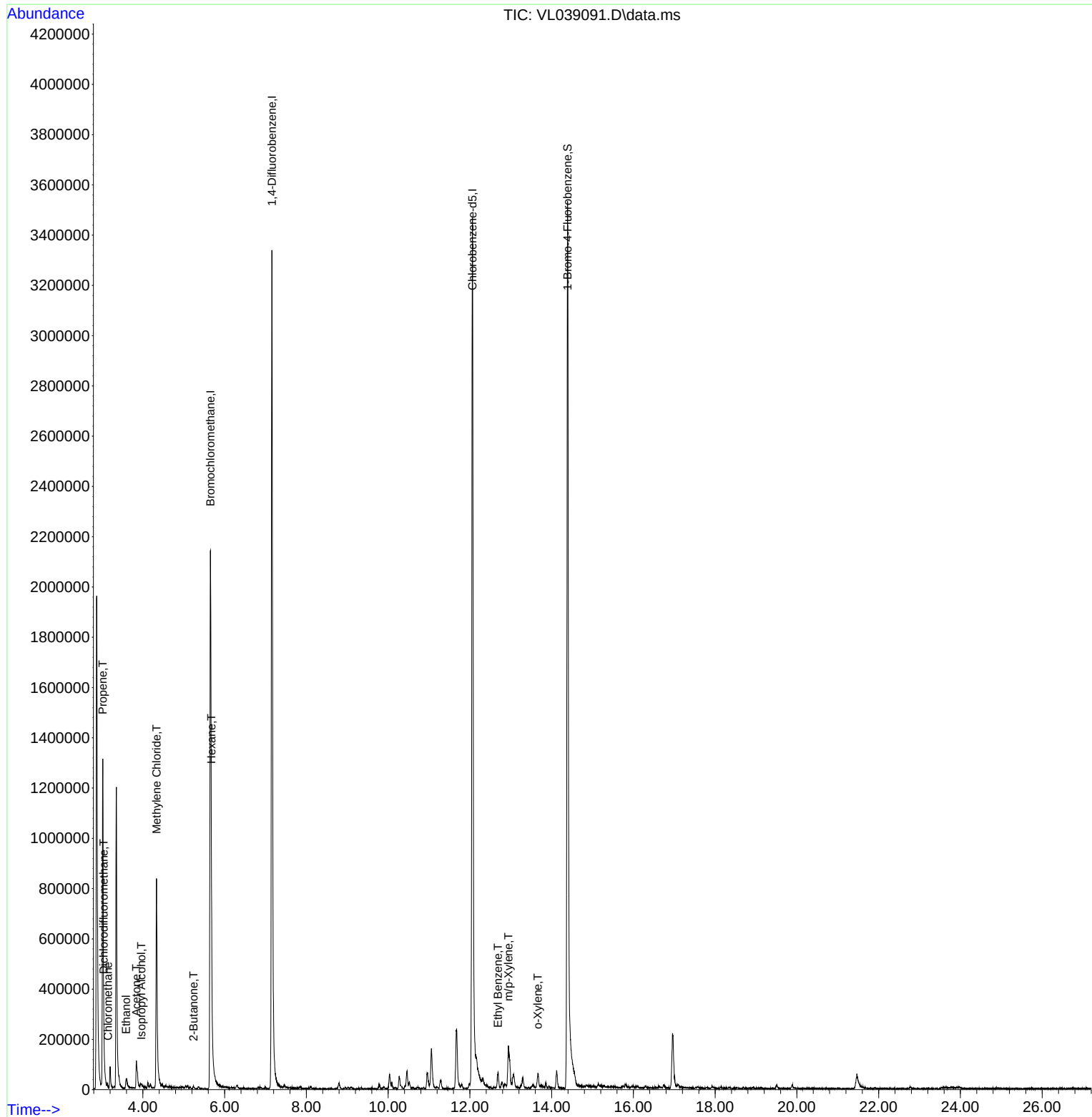
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
Data File : VL039091.D
Acq On : 23 May 2022 19:43
Operator : SY/AP
Sample : N2956-01DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

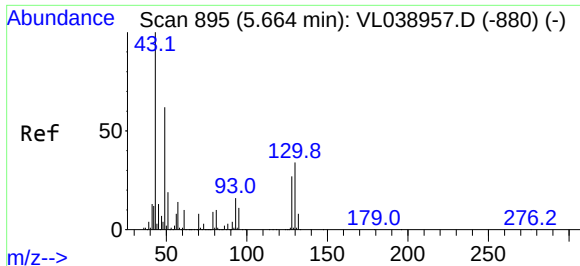
Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Quant Time: May 24 06:01:52 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

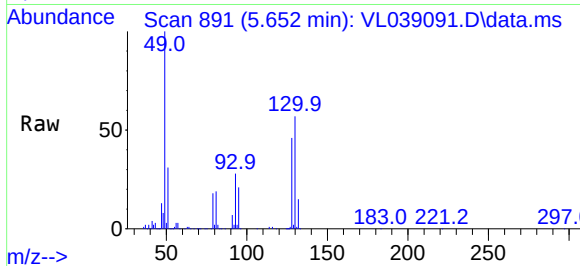
Reviewed By : Semsettin Yesilyurt 05/25/2022
Supervised By : Mahesh Dadoda 05/26/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

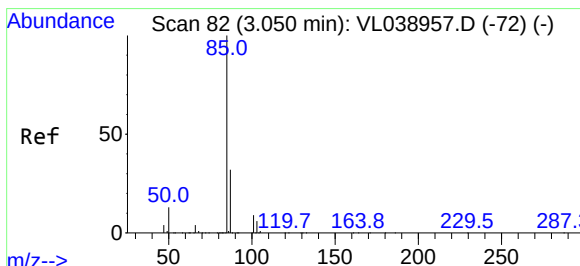
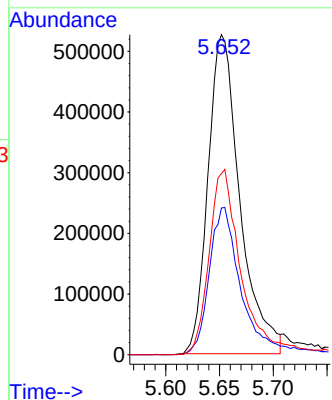
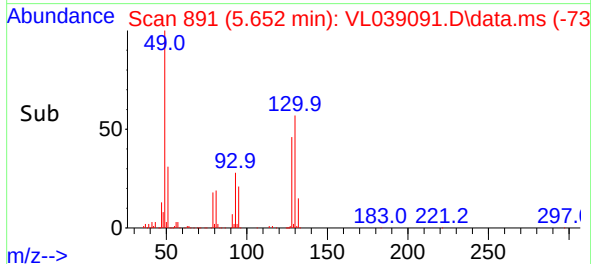
Instrument :
MSVOA_L
ClientSampleId :
AP-1DL



Tgt Ion: 49 Resp: 108432
Ion Ratio Lower Upper
49 100
128 48.2 23.3 69.8
130 59.9 29.8 89.3

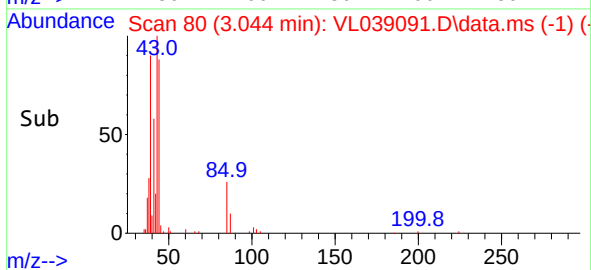
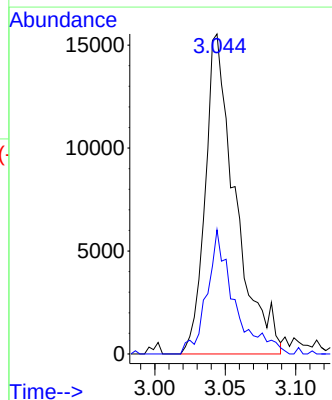
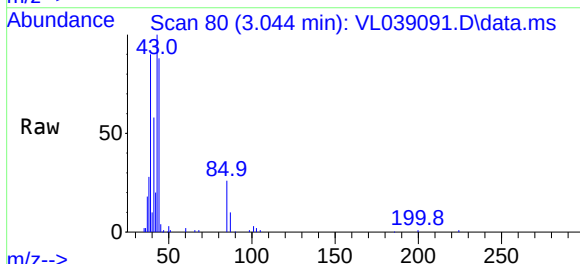
Manual Integrations
APPROVED

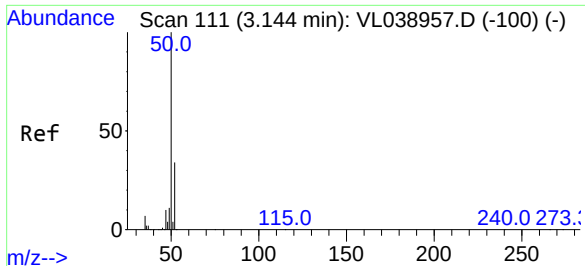
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#2
Dichlorodifluoromethane
Concen: 0.136 ppbv m
RT: 3.044 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

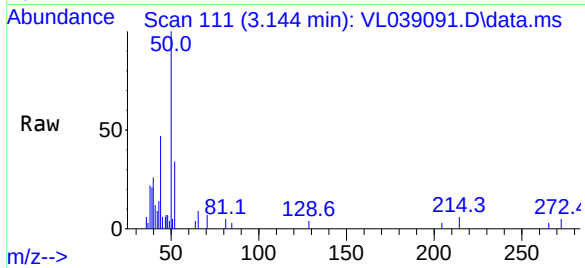
Tgt Ion: 85 Resp: 23163
Ion Ratio Lower Upper
85 100
87 38.8 25.7 38.5#





#4
Chloromethane
Concen: 0.135 ppbv m
RT: 3.144 min Scan# 111
Delta R.T. 0.000 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

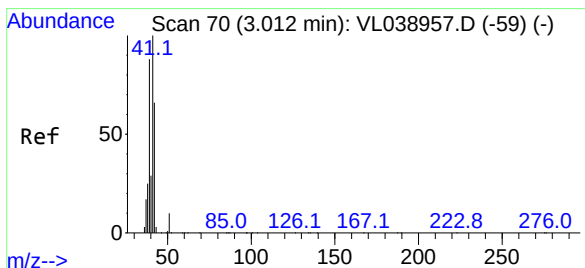
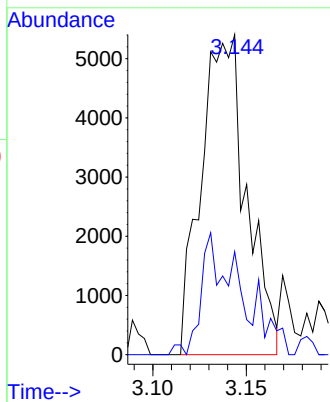
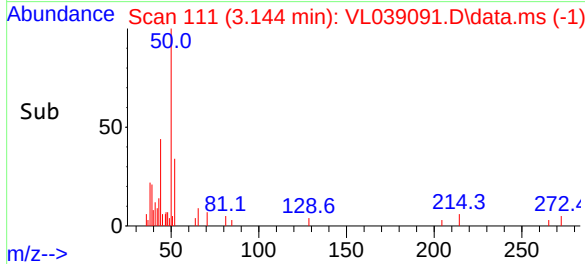
Instrument :
MSVOA_L
ClientSampleId :
AP-1DL



Tgt Ion: 50 Resp: 9118
Ion Ratio Lower Upper
50 100
52 33.9 27.3 40.9

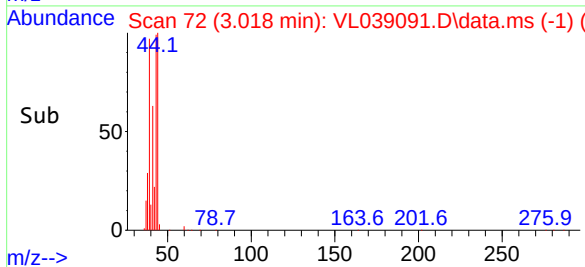
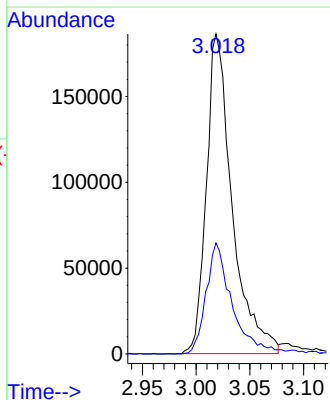
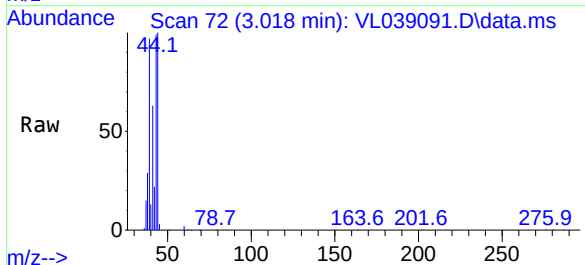
Manual Integrations
APPROVED

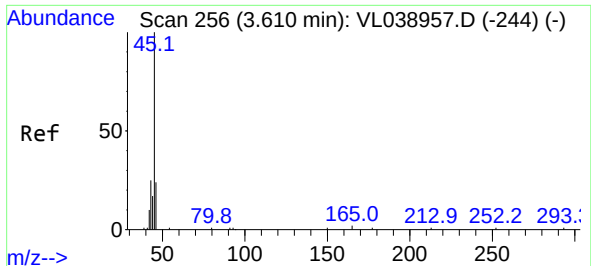
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#9
Propene
Concen: 5.293 ppbv
RT: 3.018 min Scan# 72
Delta R.T. 0.007 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

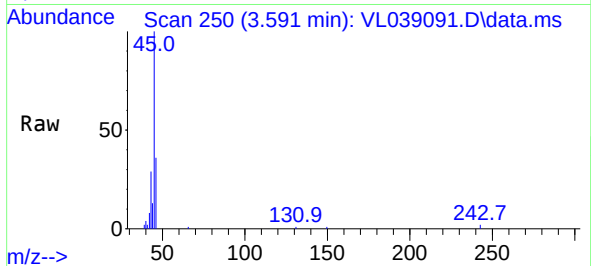
Tgt Ion: 41 Resp: 310994
Ion Ratio Lower Upper
41 100
42 36.3 58.3 87.5#





#13
Ethanol
Concen: 14.296 ppbv m
RT: 3.591 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

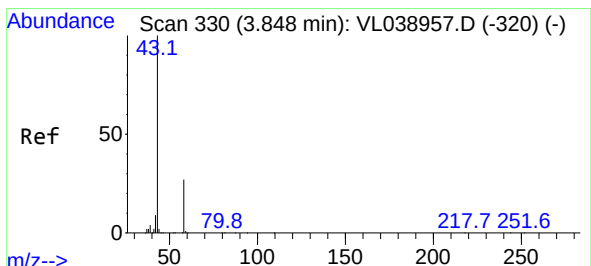
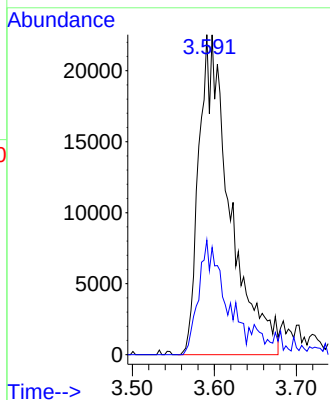
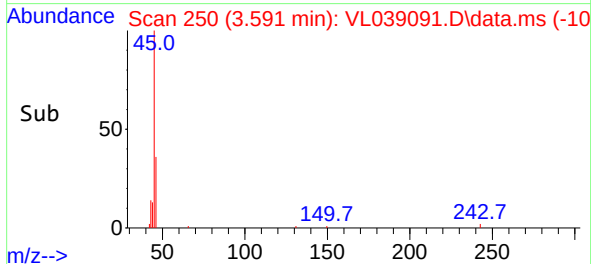
Instrument :
MSVOA_L
ClientSampleId :
AP-1DL



Tgt Ion: 45 Resp: 5944
Ion Ratio Lower Upper
45 100
46 0.0 18.0 72.2

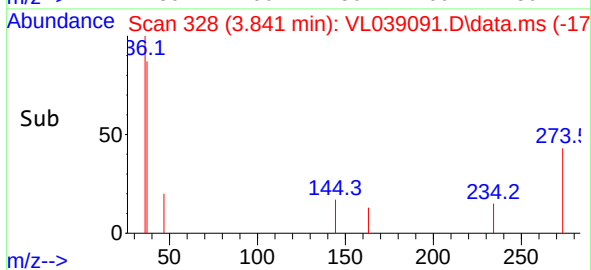
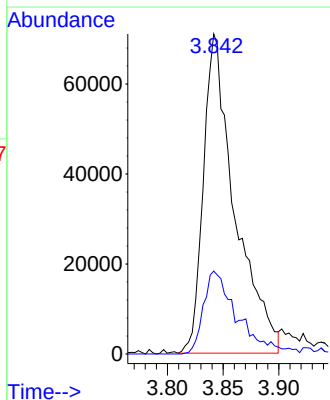
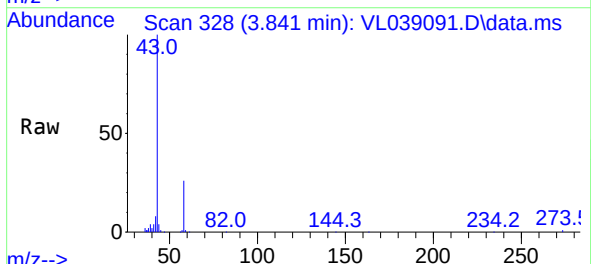
Manual Integrations
APPROVED

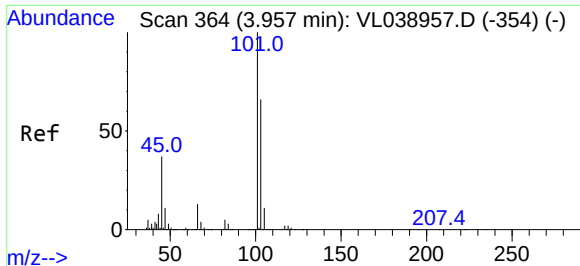
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#15
Acetone
Concen: 1.362 ppbv
RT: 3.841 min Scan# 328
Delta R.T. -0.006 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

Tgt Ion: 43 Resp: 139344
Ion Ratio Lower Upper
43 100
58 28.1 21.3 31.9





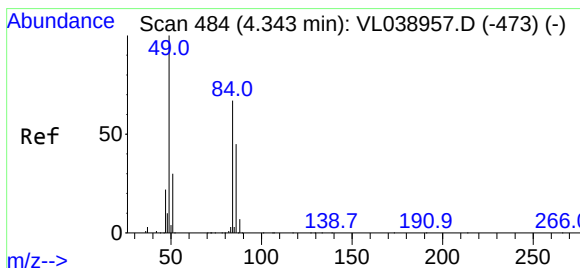
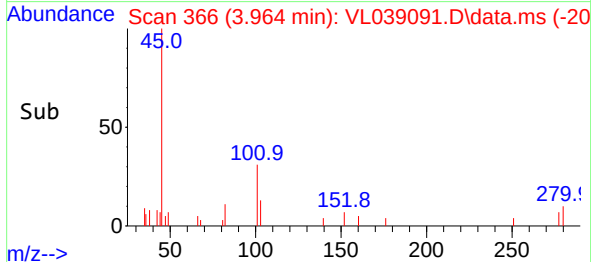
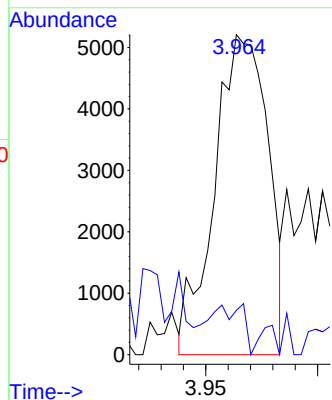
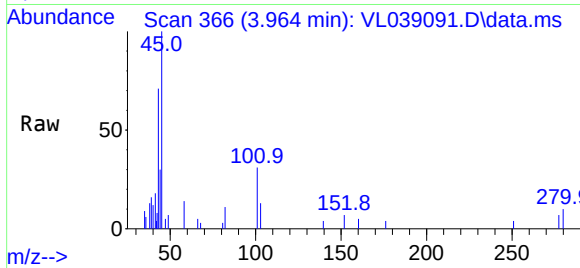
#19
Isopropyl Alcohol
Concen: 0.179 ppbv m
RT: 3.964 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion: 45 Resp: 868
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.2

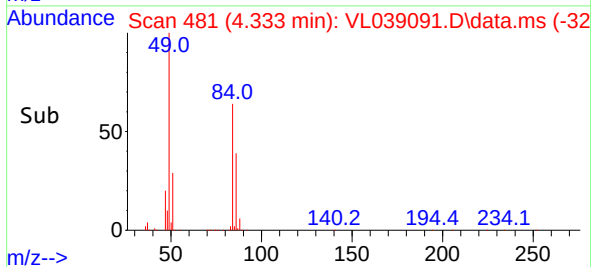
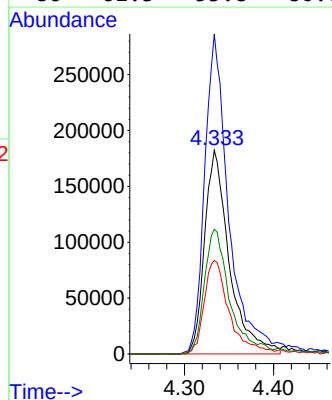
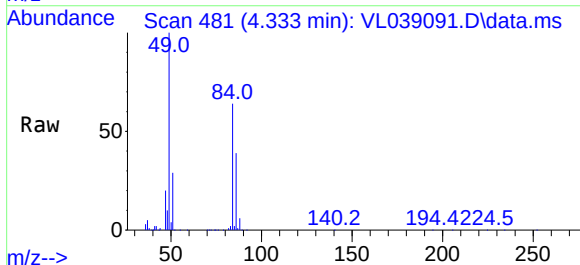
Manual Integrations
APPROVED

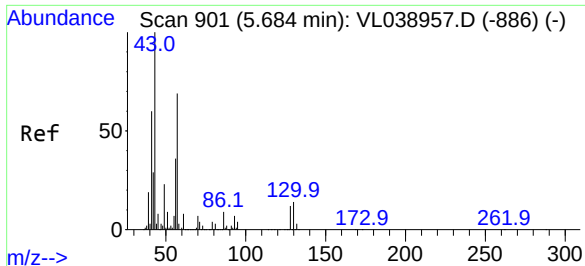
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#20
Methylene Chloride
Concen: 9.137 ppbv
RT: 4.333 min Scan# 481
Delta R.T. -0.010 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

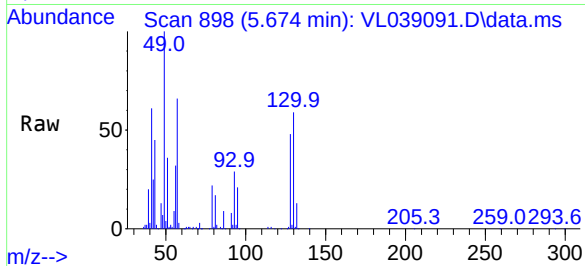
Tgt Ion: 84 Resp: 352232
Ion Ratio Lower Upper
84 100
49 157.1 119.9 179.9
51 46.0 35.7 53.5
86 61.3 53.8 80.6





#26
Hexane
Concen: 1.961 ppbv m
RT: 5.674 min Scan# 898
Delta R.T. -0.009 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

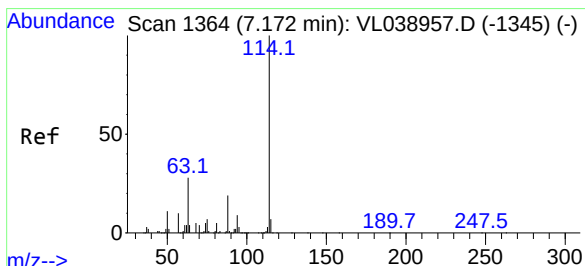
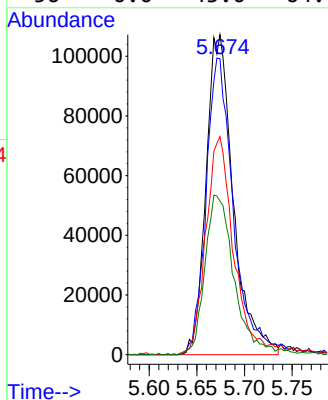
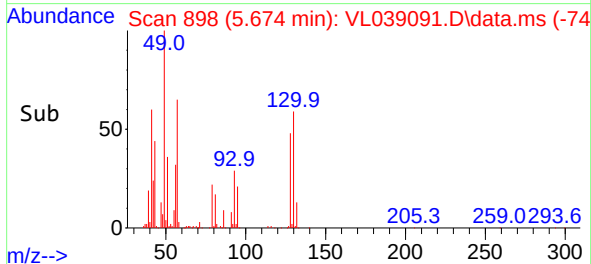
Instrument :
MSVOA_L
ClientSampleId :
AP-1DL



Tgt Ion: 57 Resp: 213284
Ion Ratio Lower Upper
57 100
41 95.4 75.2 112.8
43 72.0 190.8 286.2
56 0.0 43.0 64.6

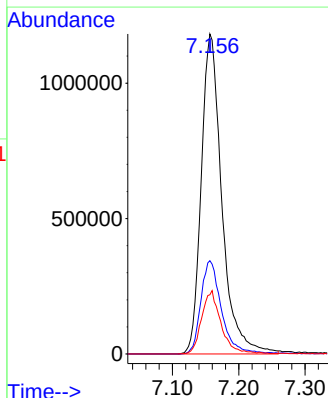
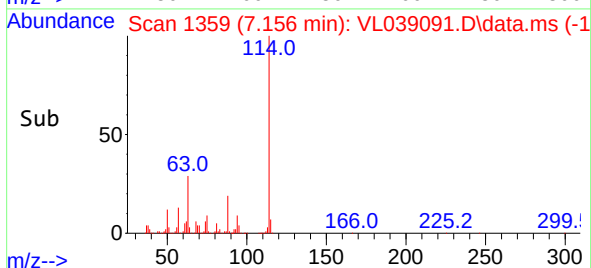
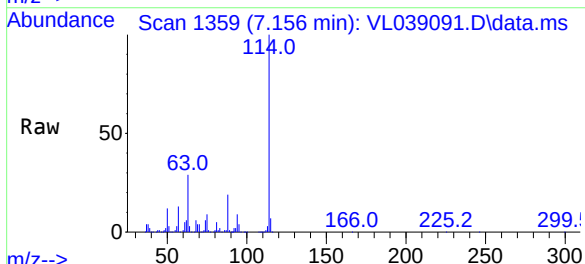
Manual Integrations
APPROVED

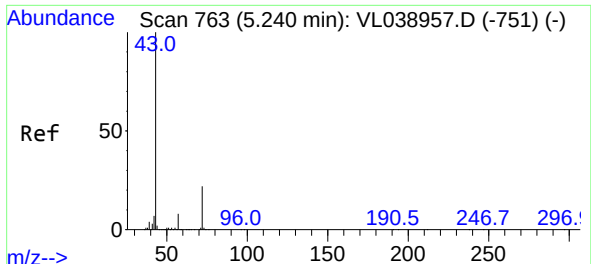
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.156 min Scan# 1359
Delta R.T. -0.016 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

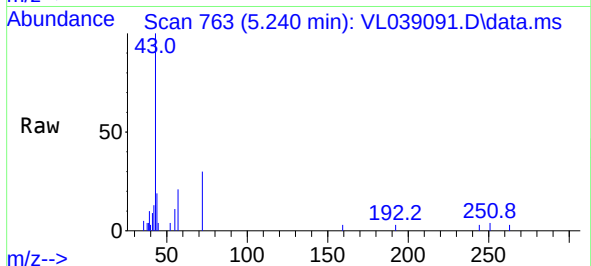
Tgt Ion:114 Resp: 2549952
Ion Ratio Lower Upper
114 100
63 29.5 22.6 33.8
88 19.0 15.4 23.0





#34
2-Butanone
Concen: 0.105 ppbv m
RT: 5.240 min Scan# 763
Delta R.T. 0.000 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

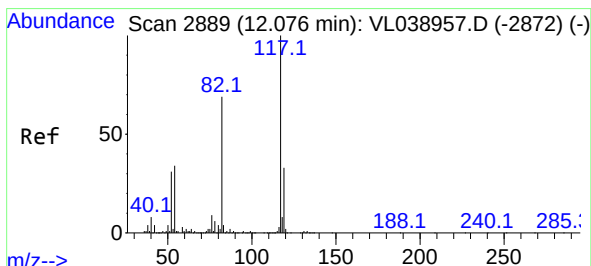
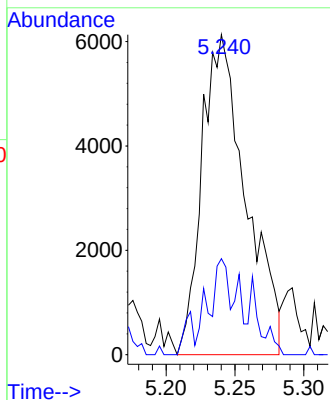
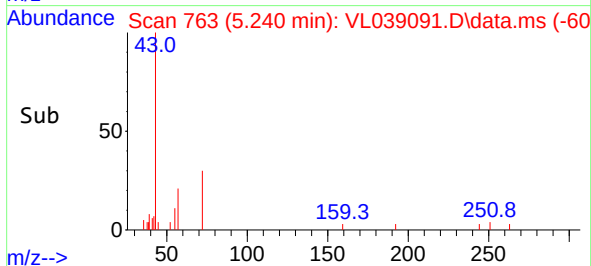
Instrument :
MSVOA_L
ClientSampleId :
AP-1DL



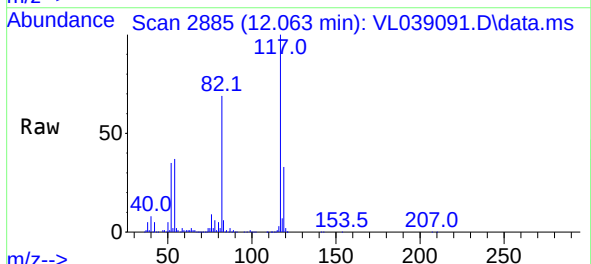
Tgt Ion: 43 Resp: 13590
Ion Ratio Lower Upper
43 100
72 26.8 17.8 26.6

Manual Integrations
APPROVED

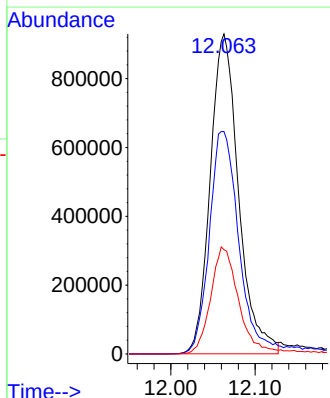
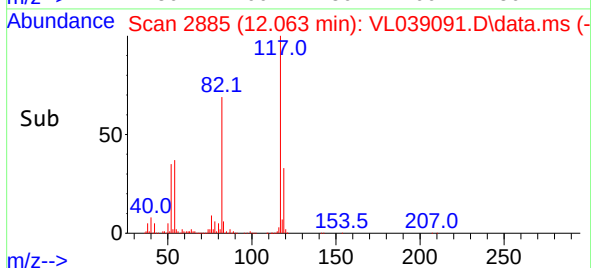
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

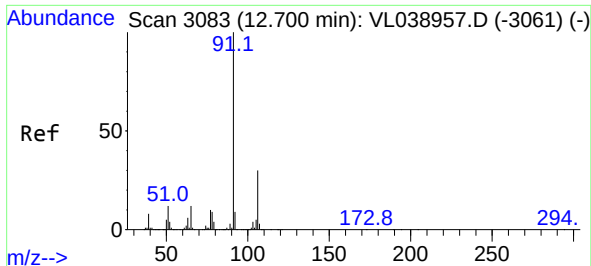


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.063 min Scan# 2885
Delta R.T. -0.013 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43



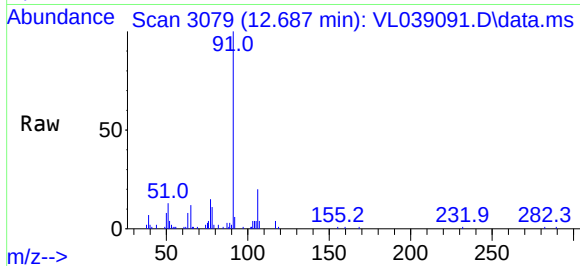
Tgt Ion:117 Resp: 2173230
Ion Ratio Lower Upper
117 100
82 77.3 57.0 85.6
119 33.8 27.2 40.8





#58
Ethyl Benzene
Concen: 0.176 ppbv m
RT: 12.687 min Scan# 3083
Delta R.T. -0.013 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

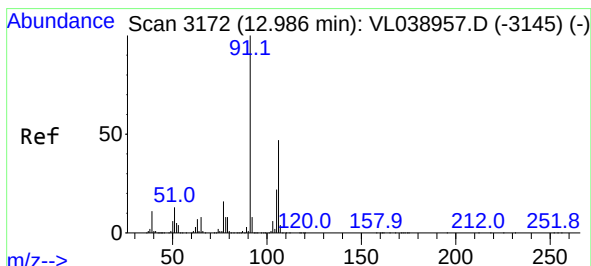
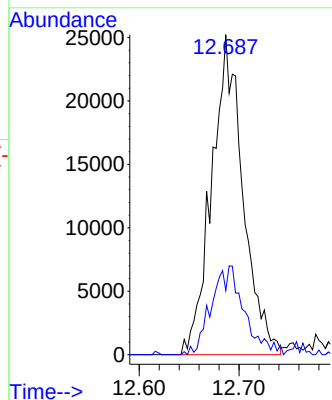
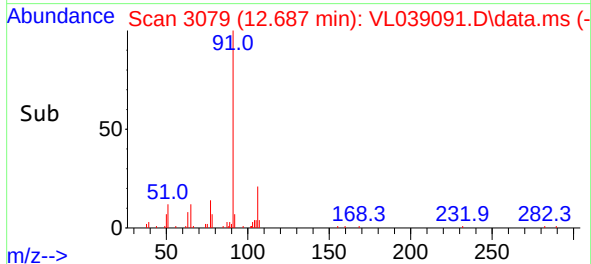
Instrument :
MSVOA_L
ClientSampleId :
AP-1DL



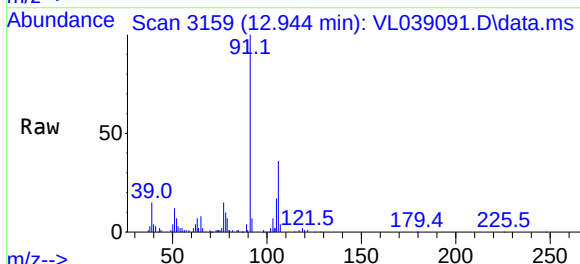
Tgt Ion: 91 Resp: 5489
Ion Ratio Lower Upper
91 100
106 20.1 24.2 36.4

Manual Integrations
APPROVED

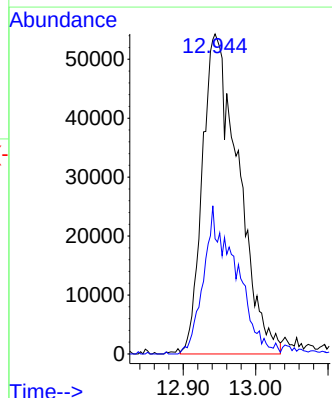
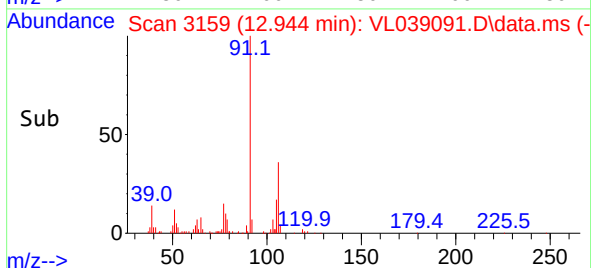
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

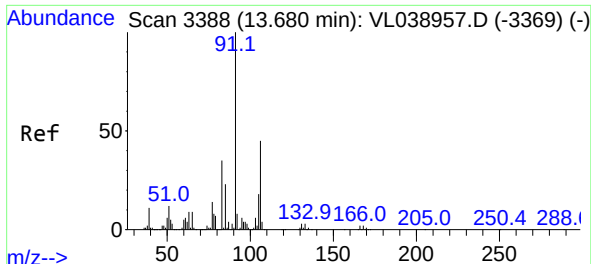


#59
m/p-Xylene
Concen: 0.701 ppbv m
RT: 12.944 min Scan# 3159
Delta R.T. -0.042 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43



Tgt Ion: 91 Resp: 187238
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0





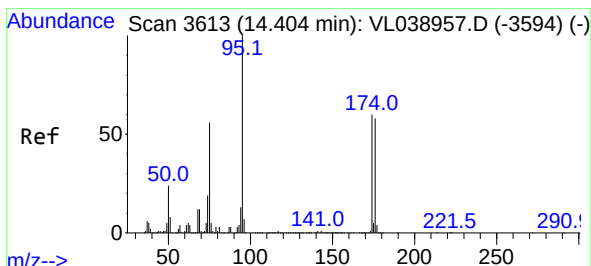
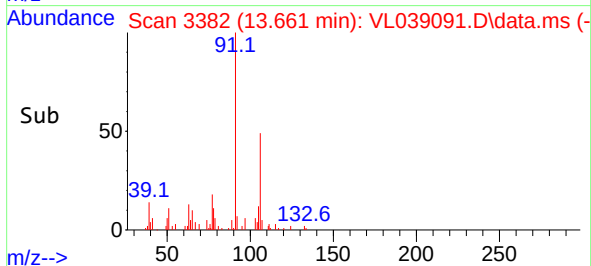
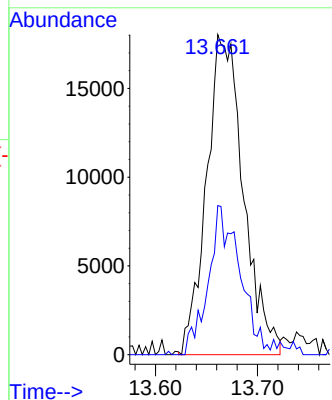
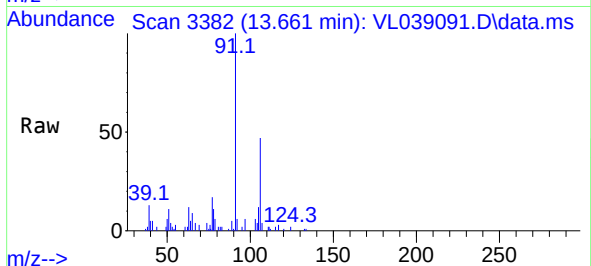
#60
o-Xylene
Concen: 0.180 ppbv m
RT: 13.661 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion: 91 Resp: 45200
Ion Ratio Lower Upper
91 100
106 42.0 22.2 66.6

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 10.456 ppbv
RT: 14.391 min Scan# 3609
Delta R.T. -0.013 min
Lab File: VL039091.D
Acq: 23 May 2022 19:43

Tgt Ion: 95 Resp: 1799582
Ion Ratio Lower Upper
95 100
174 62.9 50.8 76.2
175 4.2 3.8 5.6

