

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039105.D
 Acq On : 24 May 2022 5:03
 Operator : SY/AP
 Sample : N2957-03DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AP-3DL

Manual Integrations
 APPROVED

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

Quant Time: May 24 06:06:39 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 13:05:45 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	1247475	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	3170815	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.060	117	2760571	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.384	95	2120197	9.698	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%
Target Compounds						
					Qvalue	
4) Chloromethane	3.131	50	11973m	0.154	ppbv	
9) Propene	3.015	41	35534m	0.526	ppbv	
13) Ethanol	3.584	45	3120538	652.296	ppbv	89
15) Acetone	3.841	43	239524	2.035	ppbv	97
17) tert-Butyl alcohol	4.285	59	13038m	0.144	ppbv	
19) Isopropyl Alcohol	3.954	45	921967	16.479	ppbv #	99
20) Methylene Chloride	4.333	84	39832m	0.898	ppbv	
26) Hexane	5.671	57	36003	0.288	ppbv #	64
29) Chloroform	5.735	83	124967	0.617	ppbv	98
34) 2-Butanone	5.227	43	31075m	0.192	ppbv	
53) Toluene	9.780	91	58456	0.192	ppbv	92

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

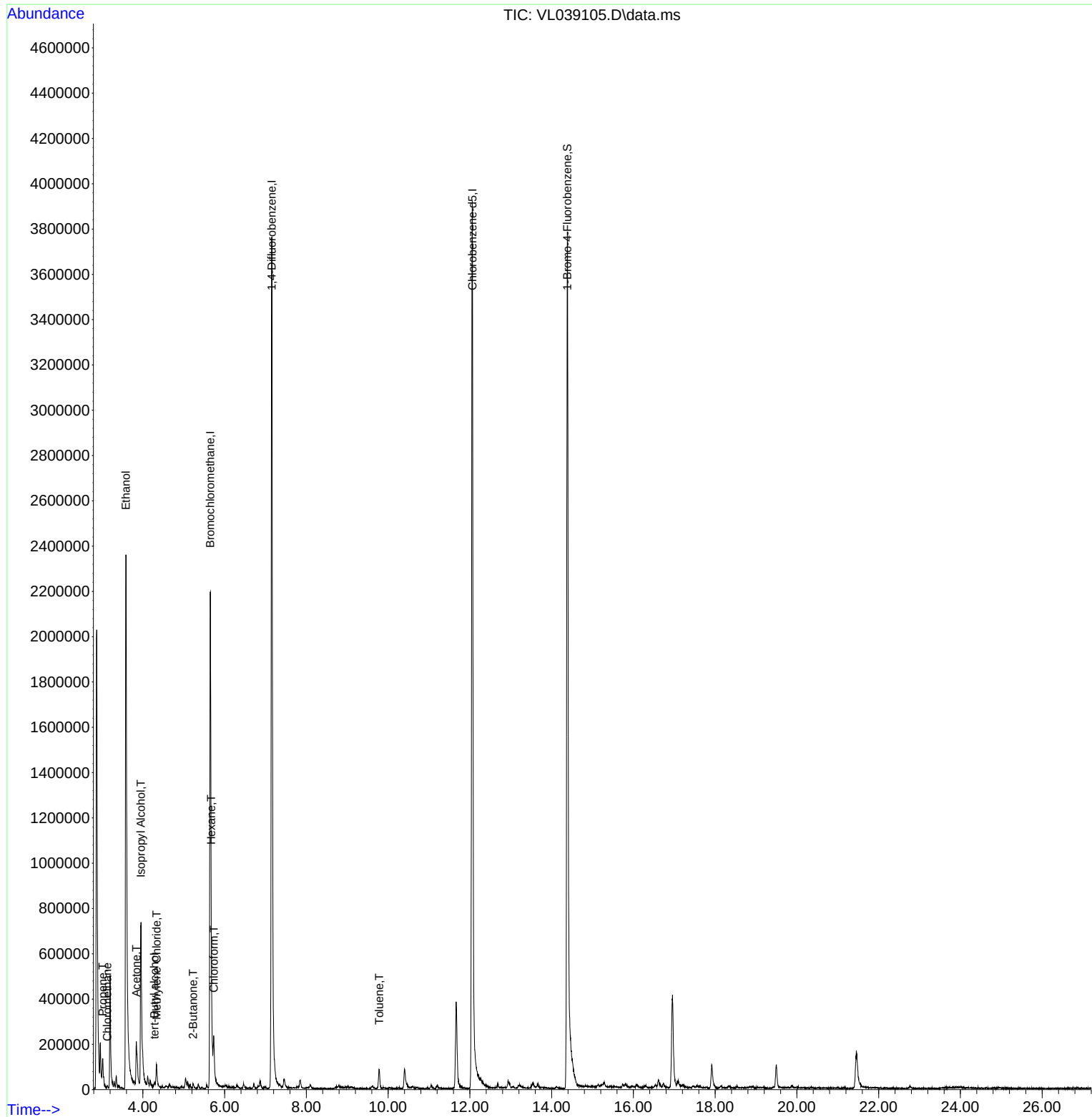
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
Data File : VL039105.D
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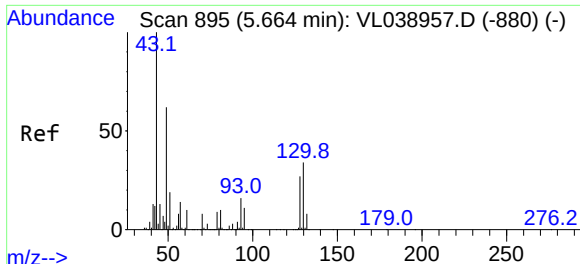
Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Quant Time: May 24 06:06:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
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Manual Integrations
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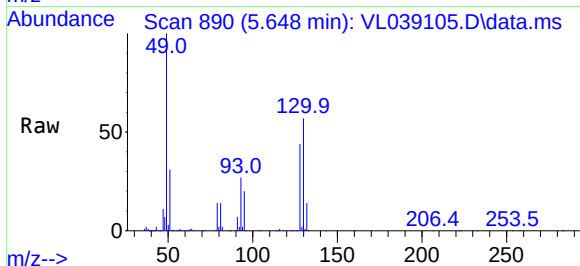
Reviewed By : Semsettin Yesilyurt 05/25/2022
Supervised By : Mahesh Dadoda 05/26/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 895
Delta R.T. -0.016 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

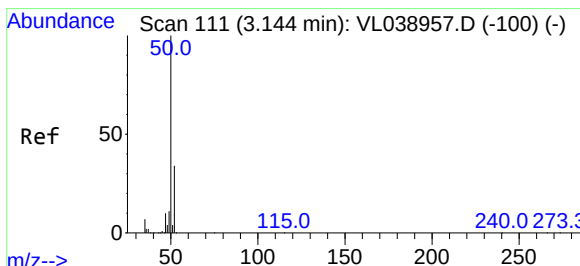
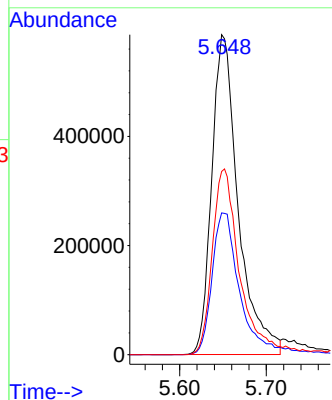
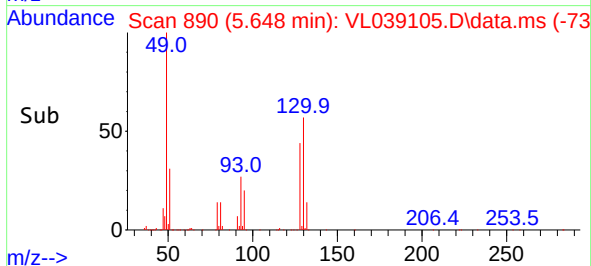
Instrument :
MSVOA_L
ClientSampleId :
AP-3DL



Tgt Ion: 49 Resp: 124747
Ion Ratio Lower Upper
49 100
128 48.5 23.3 69.8
130 62.2 29.8 89.3

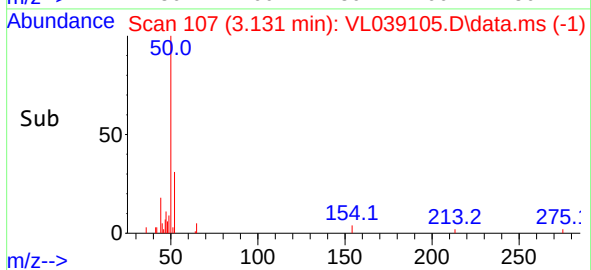
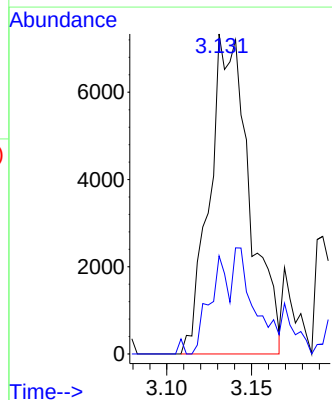
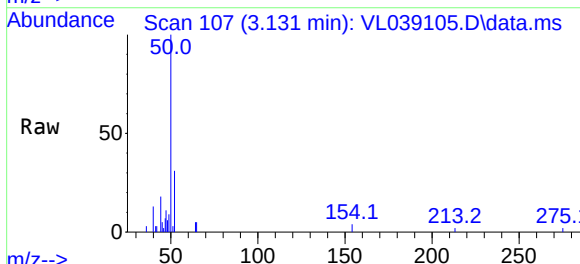
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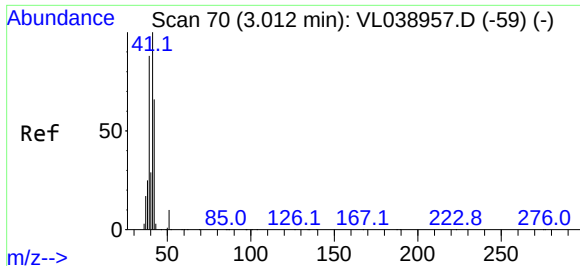
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#4
Chloromethane
Concen: 0.154 ppbv m
RT: 3.131 min Scan# 107
Delta R.T. -0.013 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 50 Resp: 11973
Ion Ratio Lower Upper
50 100
52 30.7 27.3 40.9





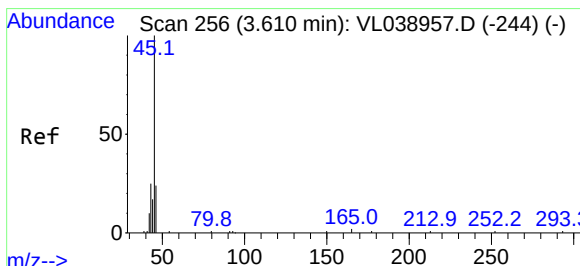
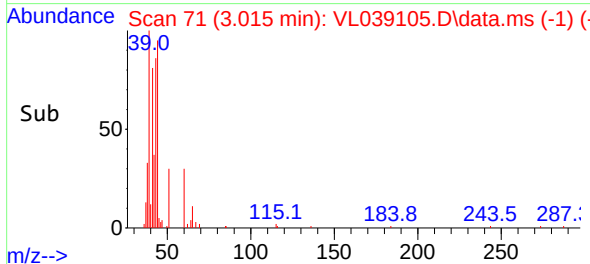
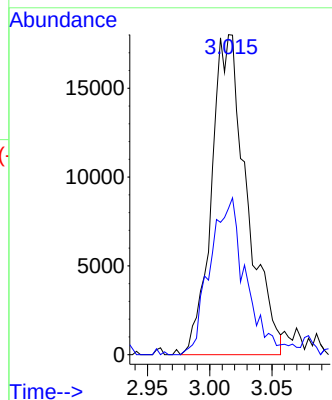
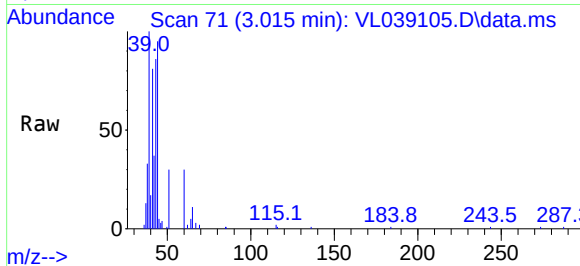
#9
Propene
Concen: 0.526 ppbv m
RT: 3.015 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 41 Resp: 35534
Ion Ratio Lower Upper
41 100
42 343.5 58.3 87.5

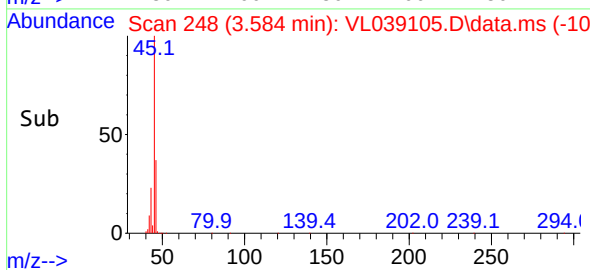
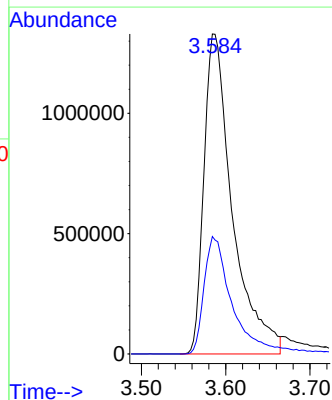
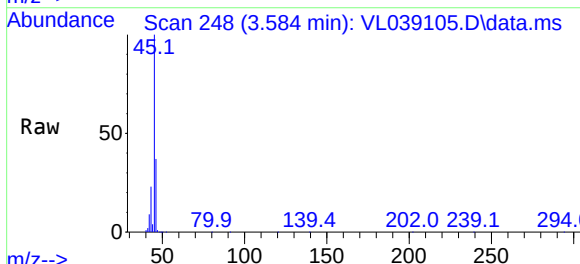
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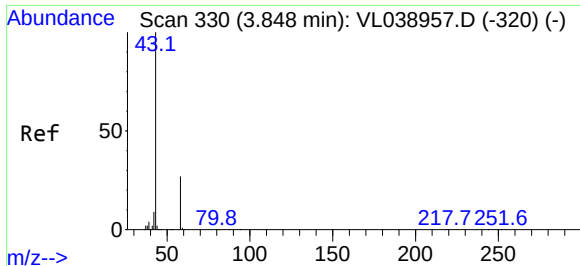
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#13
Ethanol
Concen: 652.296 ppbv
RT: 3.584 min Scan# 248
Delta R.T. -0.026 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 45 Resp: 3120538
Ion Ratio Lower Upper
45 100
46 38.2 18.0 72.2





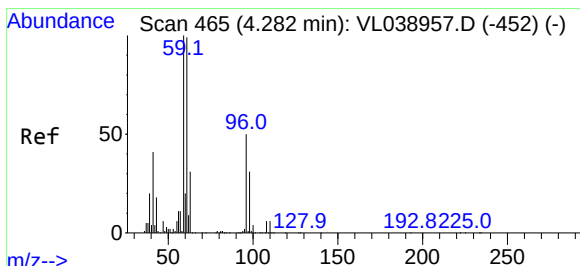
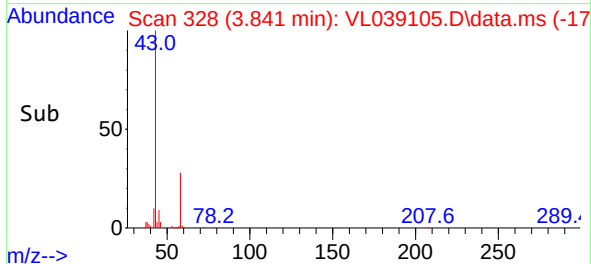
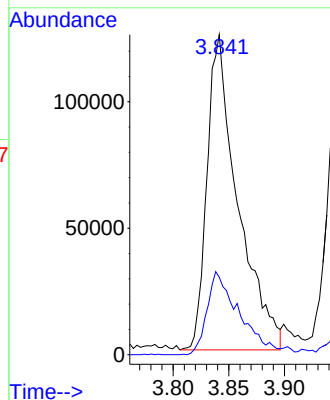
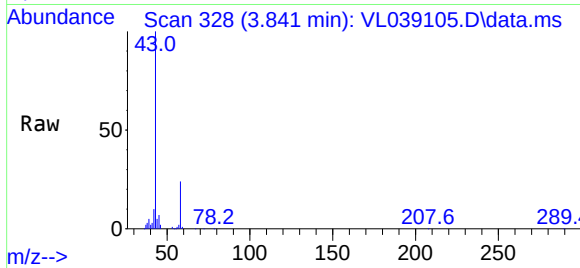
#15
Acetone
Concen: 2.035 ppbv
RT: 3.841 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 43 Resp: 239524
Ion Ratio Lower Upper
43 100
58 28.2 21.3 31.9

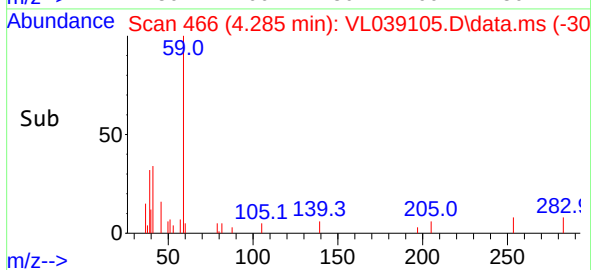
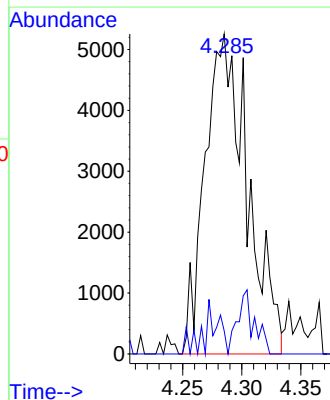
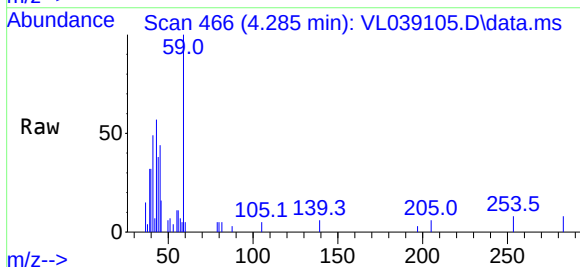
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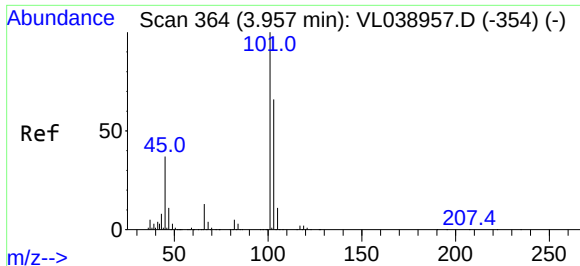
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#17
tert-Butyl alcohol
Concen: 0.144 ppbv m
RT: 4.285 min Scan# 466
Delta R.T. 0.003 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 59 Resp: 13038
Ion Ratio Lower Upper
59 100
57 6.4 9.2 13.8#





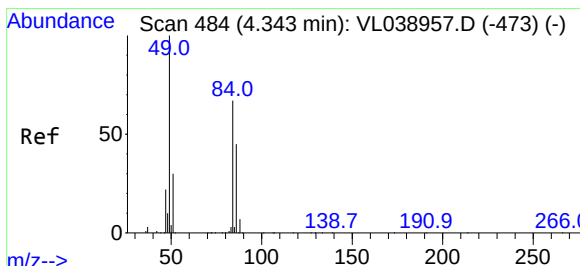
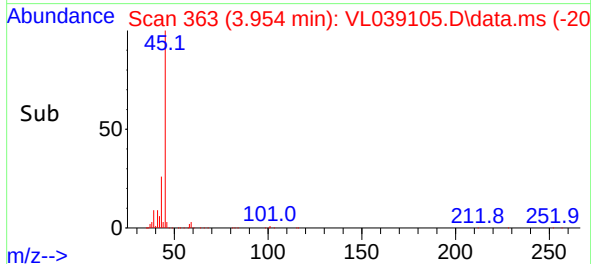
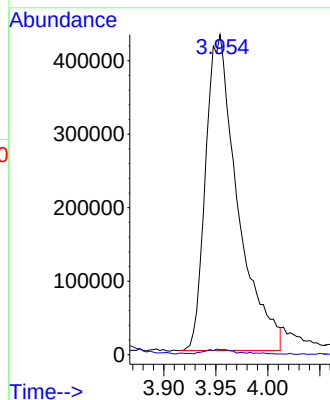
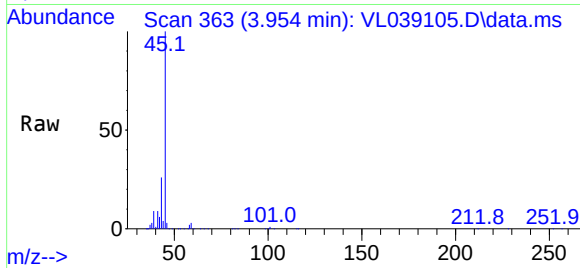
#19
Isopropyl Alcohol
Concen: 16.479 ppbv
RT: 3.954 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 45 Resp: 92196
Ion Ratio Lower Upper
45 100
58 2.2 1.4 2.2

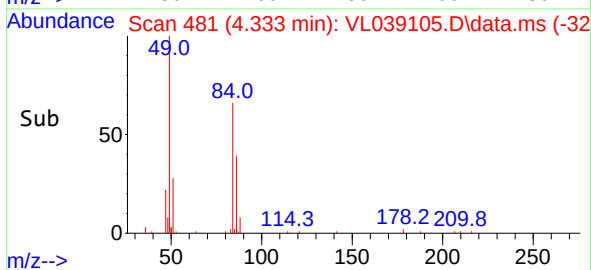
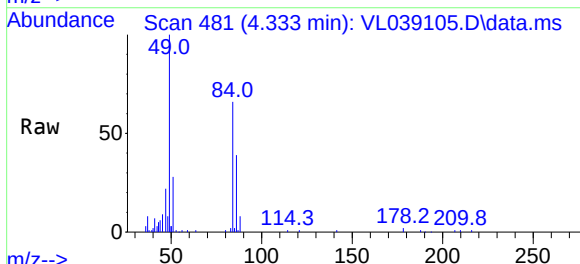
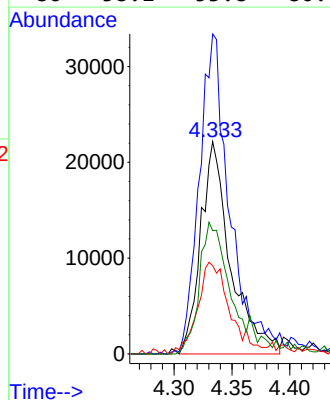
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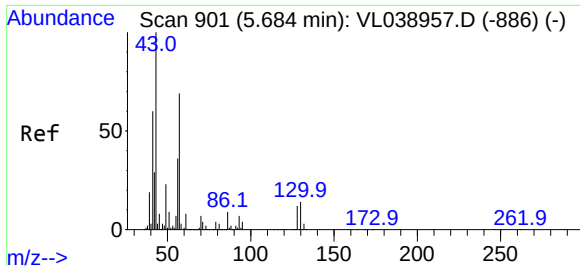
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#20
Methylene Chloride
Concen: 0.898 ppbv m
RT: 4.333 min Scan# 481
Delta R.T. -0.010 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

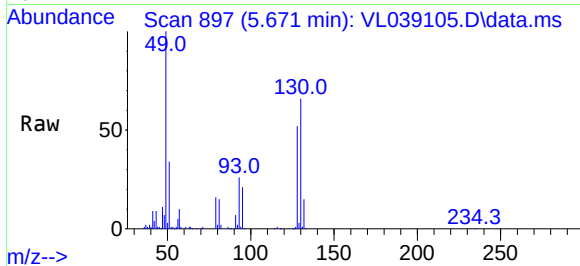
Tgt Ion: 84 Resp: 39832
Ion Ratio Lower Upper
84 100
49 150.7 119.9 179.9
51 41.6 35.7 53.5
86 58.1 53.8 80.6





#26
Hexane
Concen: 0.288 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.013 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

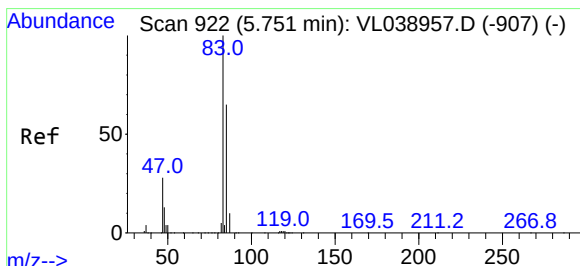
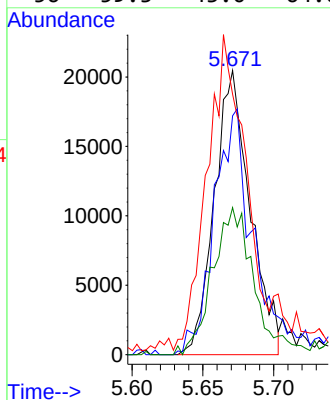
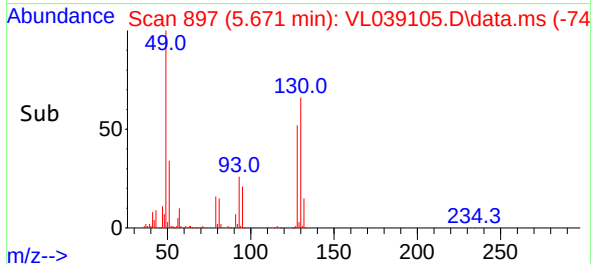
Instrument :
MSVOA_L
ClientSampleId :
AP-3DL



Tgt Ion: 57 Resp: 3600
Ion Ratio Lower Upper
57 100
41 100.7 75.2 112.8
43 147.9 190.8 286.2
56 59.3 43.0 64.6

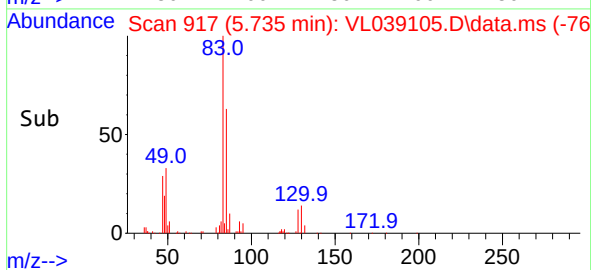
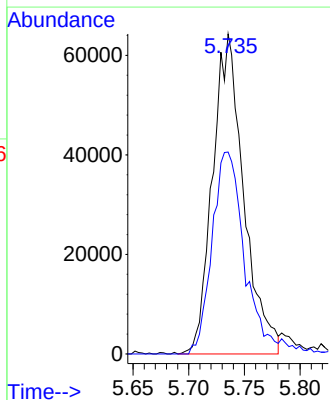
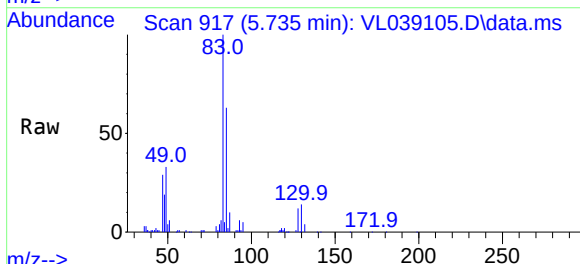
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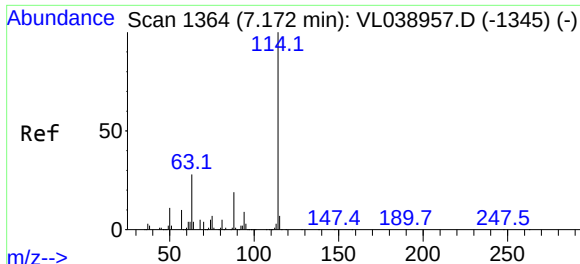
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#29
Chloroform
Concen: 0.617 ppbv
RT: 5.735 min Scan# 917
Delta R.T. -0.016 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 83 Resp: 124967
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.6





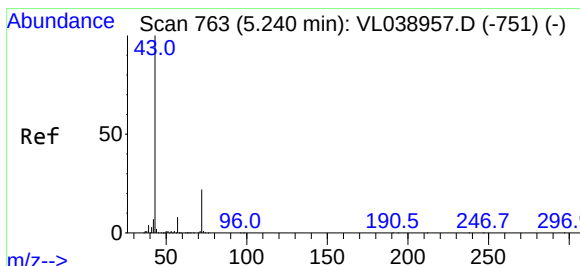
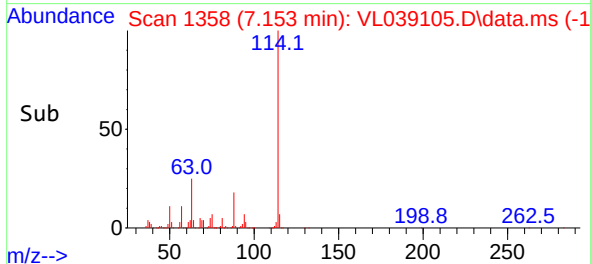
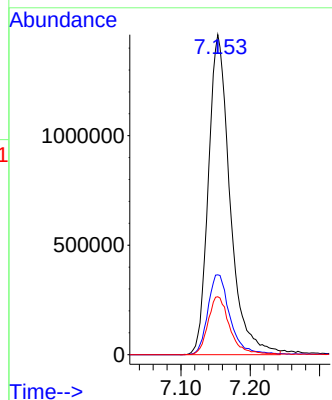
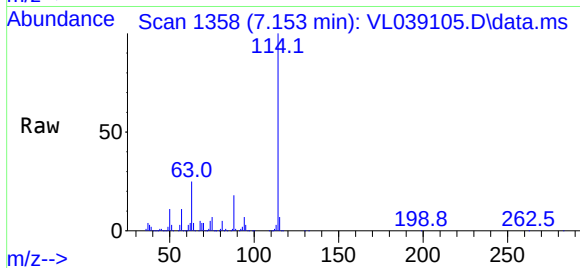
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 114
Delta R.T. -0.019 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion:114 Resp: 317081
Ion Ratio Lower Upper
114 100
63 25.9 22.6 33.8
88 18.4 15.4 23.0

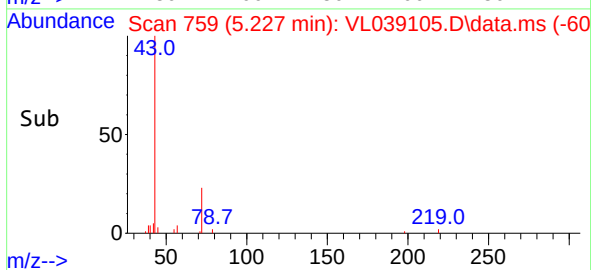
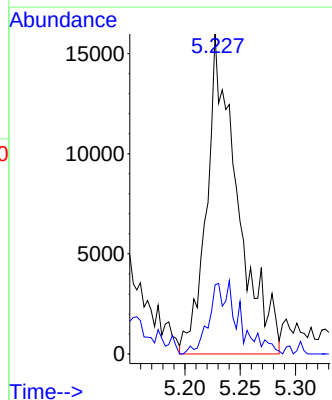
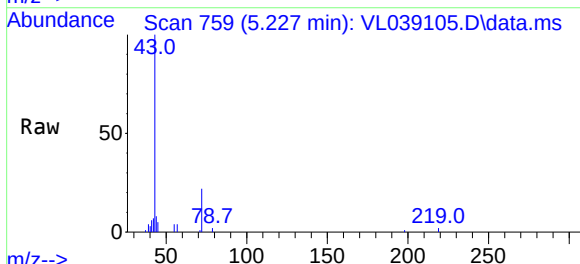
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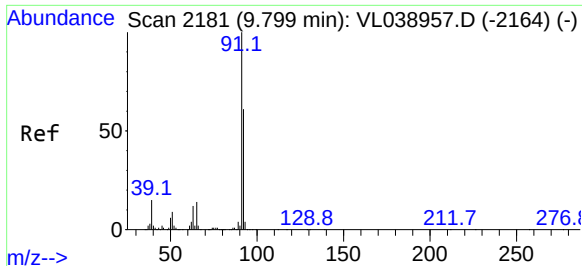
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#34
2-Butanone
Concen: 0.192 ppbv m
RT: 5.227 min Scan# 759
Delta R.T. -0.013 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 43 Resp: 31075
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.6#





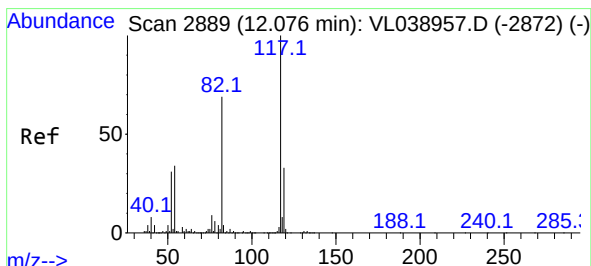
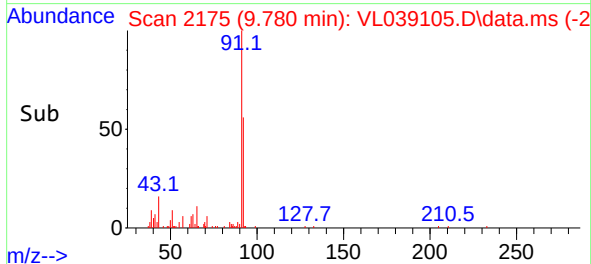
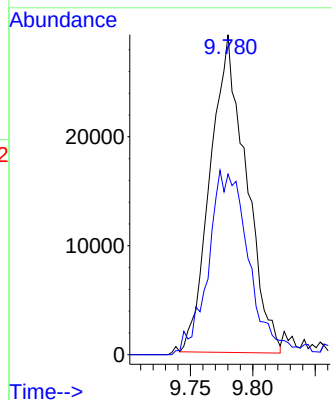
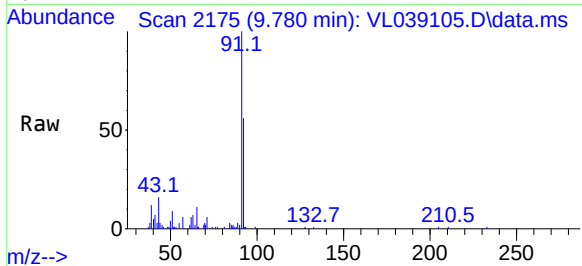
#53
Toluene
Concen: 0.192 ppbv
RT: 9.780 min Scan# 2181
Delta R.T. -0.019 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 91 Resp: 58450
Ion Ratio Lower Upper
91 100
92 66.4 48.2 72.2

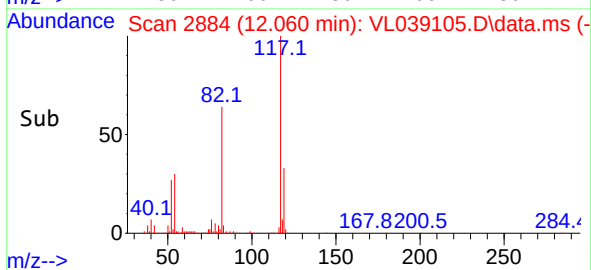
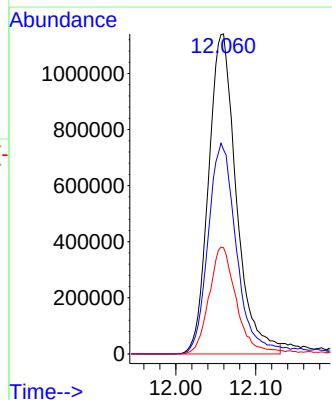
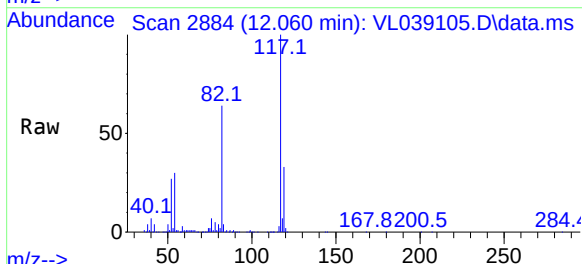
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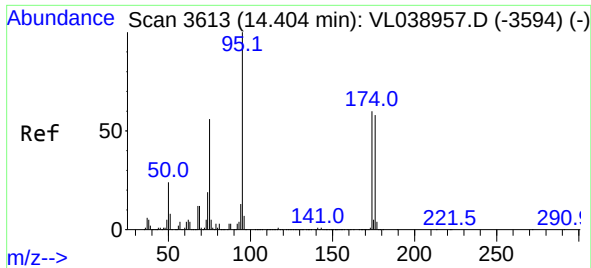
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.060 min Scan# 2884
Delta R.T. -0.016 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

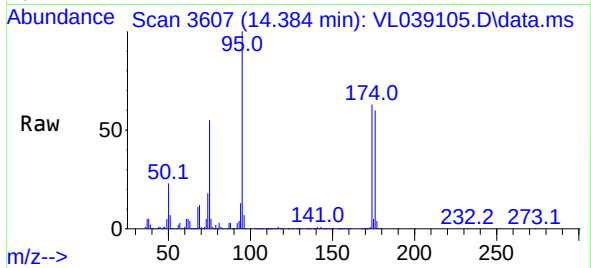
Tgt Ion:117 Resp: 2760571
Ion Ratio Lower Upper
117 100
82 70.5 57.0 85.6
119 34.6 27.2 40.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.698 ppbv
 RT: 14.384 min Scan# 30
 Delta R.T. -0.019 min
 Lab File: VL039105.D
 Acq: 24 May 2022 5:03

Instrument :
 MSVOA_L
 ClientSampleId :
 AP-3DL



Tgt Ion: 95 Resp: 212019
 Ion Ratio Lower Upper
 95 100
 174 67.6 50.8 76.2
 175 4.6 3.8 5.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/25/2022
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