

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051722\
 Data File : VL039078.D
 Acq On : 17 May 2022 20:58
 Operator : SY/AP
 Sample : N2854-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1161-8.01-SG-4DL

Quant Time: May 18 01:53:42 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 18 01:53:42 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/18/2022
 Supervised By : Mahesh Dadoda 05/20/2022

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

Internal Standards							
1) Bromochloromethane		5.674	49	813497	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		7.179	114	1953833	10.000	ppbv	0.00
55) Chlorobenzene-d5		12.089	117	1622377	10.000	ppbv	0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		14.416	95	1295913	10.086	ppbv	0.01
Spiked Amount		10.000	Range	65 - 135	Recovery	= 100.900%	
Target Compounds							Qvalue
9) Propene		3.031	41	11117m	0.252	ppbv	
13) Ethanol		3.613	45	66700m	21.380	ppbv	
15) Acetone		3.867	43	147917	1.928	ppbv	96
19) Isopropyl Alcohol		3.989	45	45689m	1.252	ppbv	
20) Methylene Chloride		4.353	84	88706	3.067	ppbv	96
26) Hexane		5.693	57	82075	1.006	ppbv #	39
34) 2-Butanone		5.269	43	16760m	0.168	ppbv	
53) Toluene		9.809	91	57671	0.308	ppbv	91
59) m/p-Xylene		12.970	91	41785m	0.210	ppbv	

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

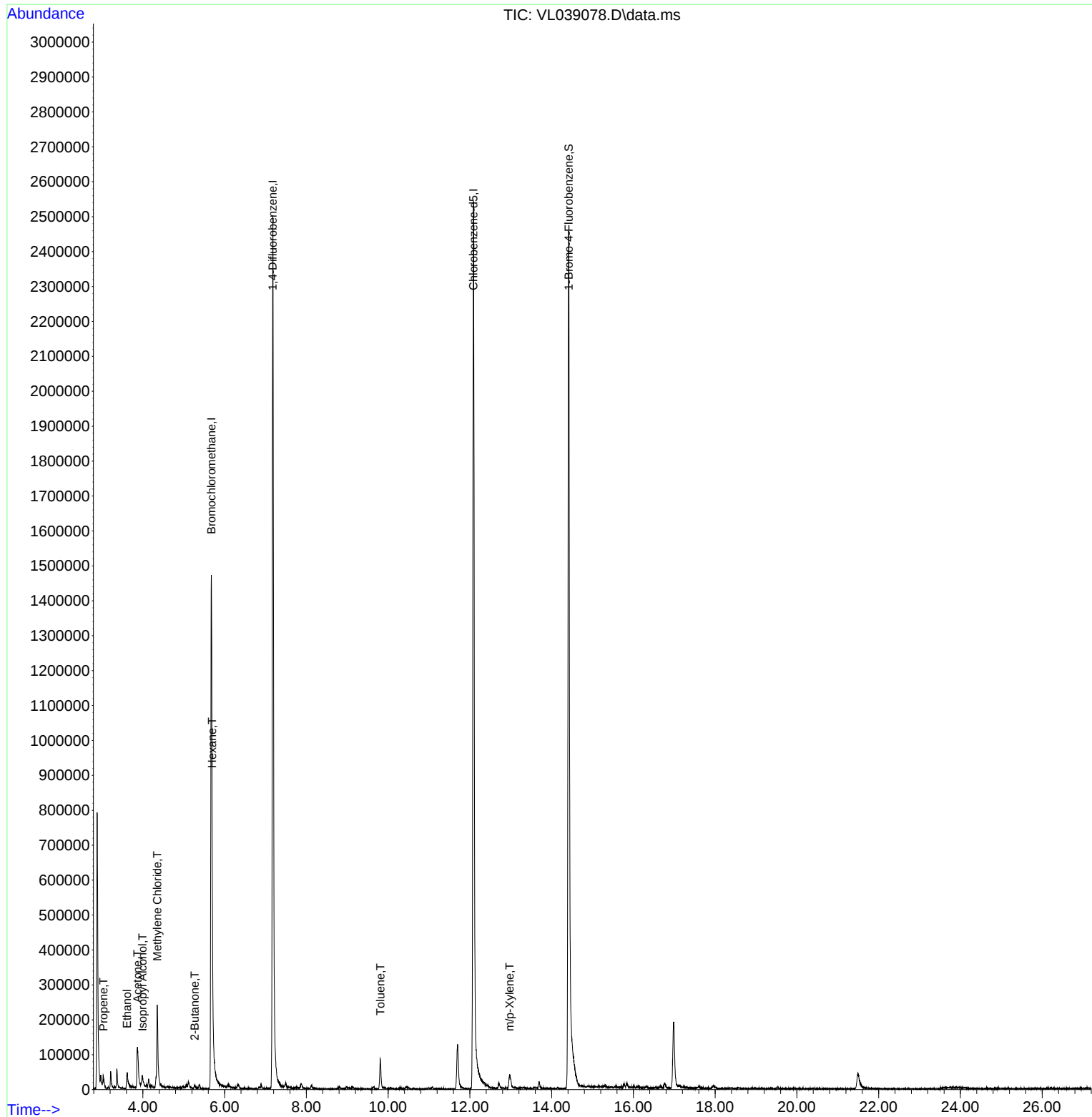
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051722\
Data File : VL039078.D
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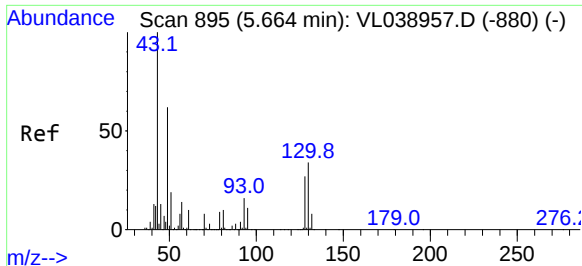
Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4DL

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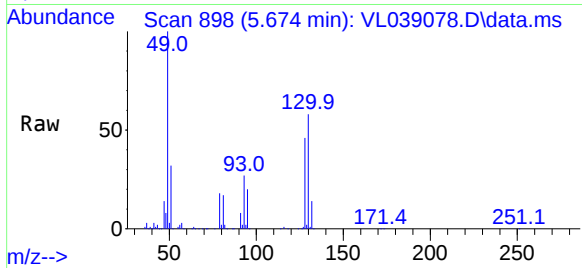
Quant Time: May 18 01:53:42 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 895
Delta R.T. 0.010 min
Lab File: VL039078.D
Acq: 17 May 2022 20:58

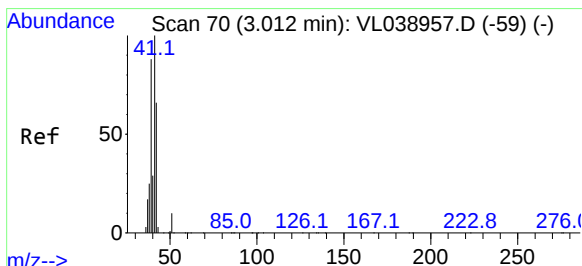
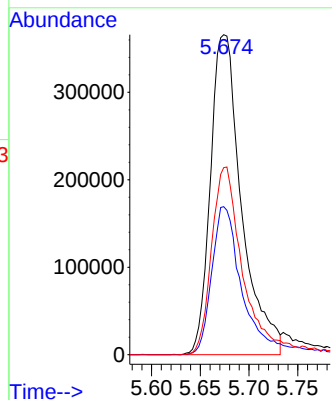
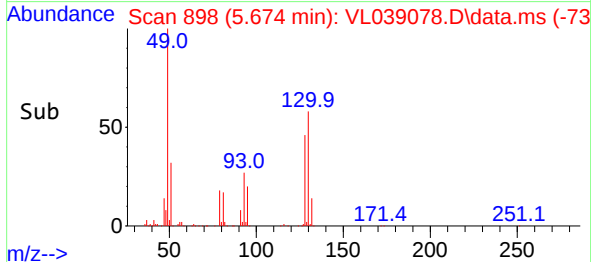
Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4DL



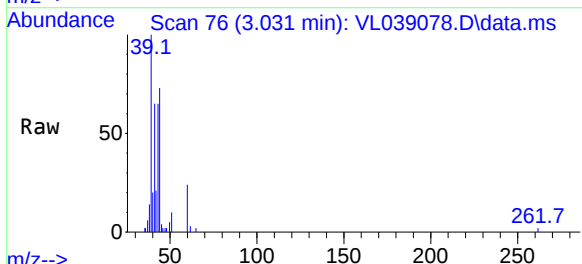
Tgt Ion: 49 Resp: 81349
Ion Ratio Lower Upper
49 100
128 47.6 23.3 69.8
130 61.7 29.8 89.3

Manual Integrations
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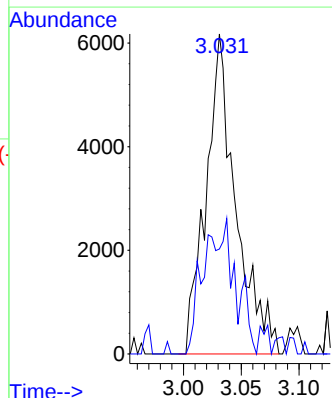
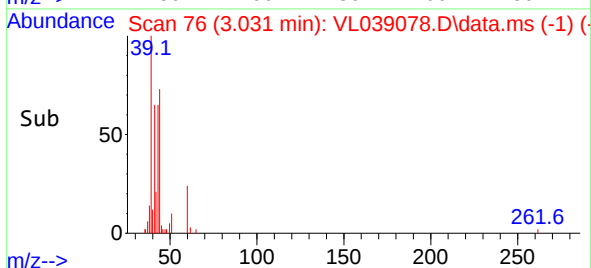
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

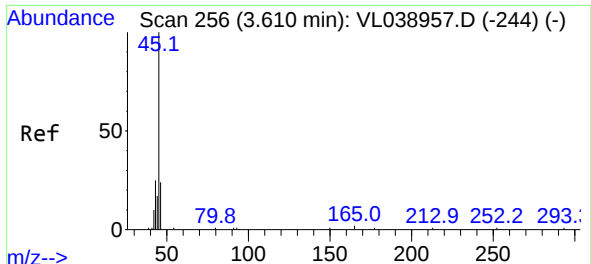


#9
Propene
Concen: 0.252 ppbv m
RT: 3.031 min Scan# 76
Delta R.T. 0.019 min
Lab File: VL039078.D
Acq: 17 May 2022 20:58



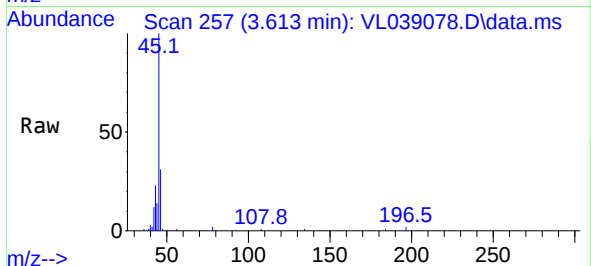
Tgt Ion: 41 Resp: 11117
Ion Ratio Lower Upper
41 100
42 100.5 58.3 87.5#





#13
Ethanol
Concen: 21.380 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039078.D
Acq: 17 May 2022 20:58

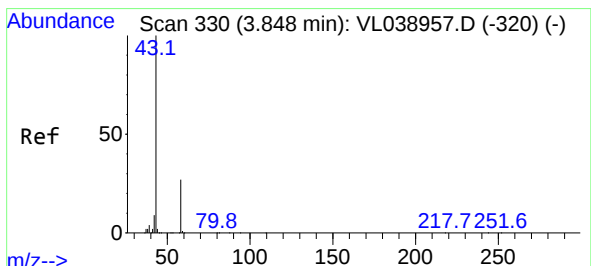
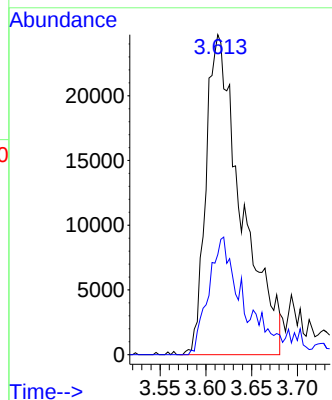
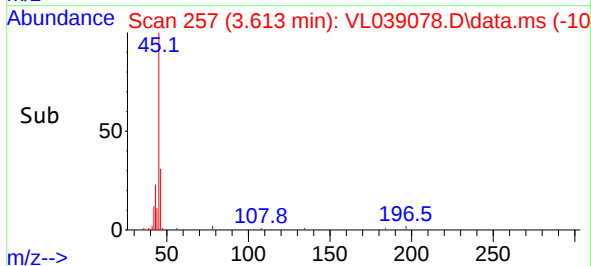
Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4DL



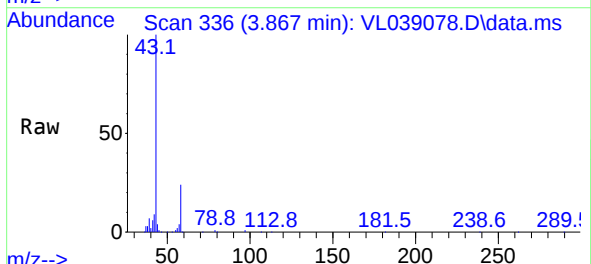
Tgt Ion: 45 Resp: 66700
Ion Ratio Lower Upper
45 100
46 0.0 18.0 72.2

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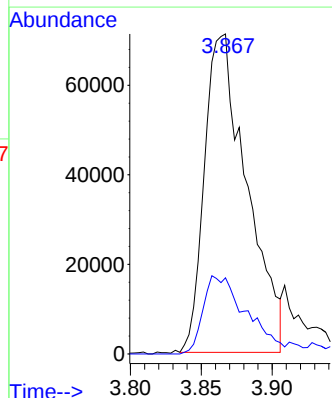
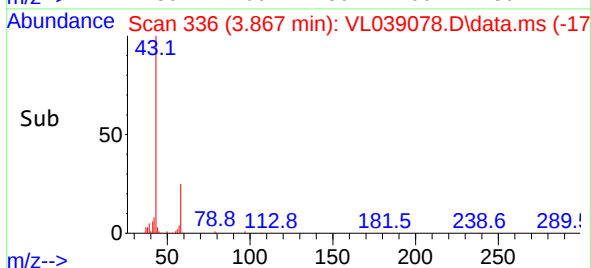
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

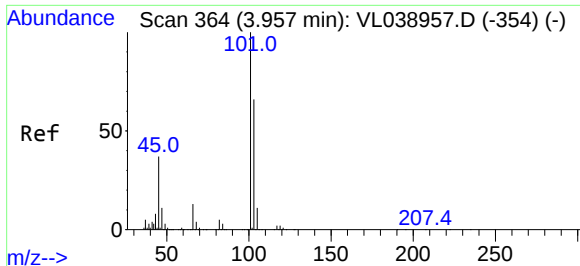


#15
Acetone
Concen: 1.928 ppbv
RT: 3.867 min Scan# 336
Delta R.T. 0.019 min
Lab File: VL039078.D
Acq: 17 May 2022 20:58



Tgt Ion: 43 Resp: 147917
Ion Ratio Lower Upper
43 100
58 28.8 21.3 31.9





#19

Isopropyl Alcohol

Concen: 1.252 ppbv m

RT: 3.989 min Scan# 31

Delta R.T. 0.032 min

Lab File: VL039078.D

Acq: 17 May 2022 20:58

Instrument :

MSVOA_L

ClientSampleId :

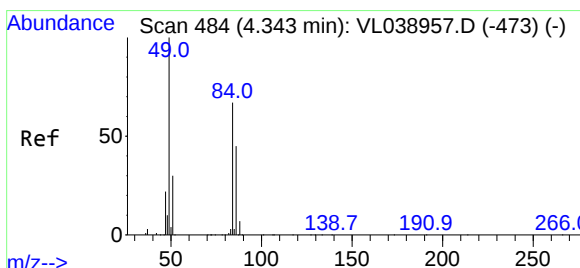
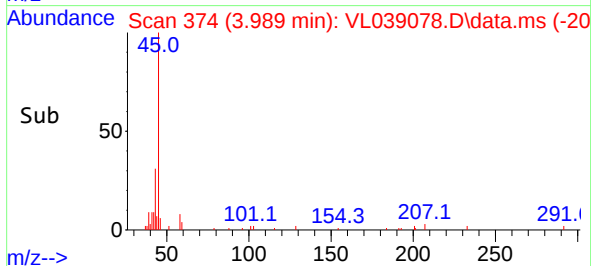
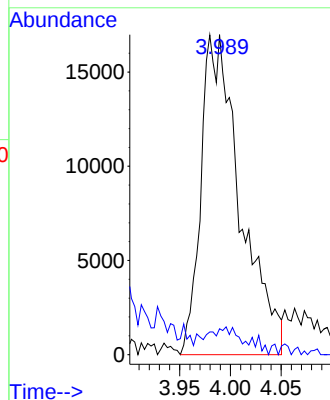
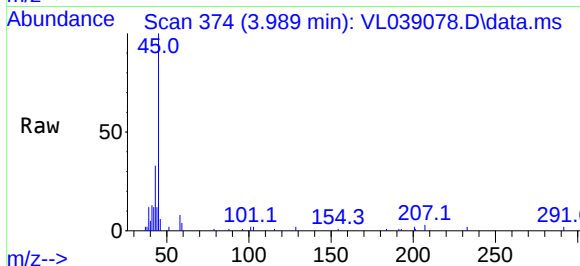
1161-8.01-SG-4DL

Tgt Ion: 45 Resp: 45689
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.4 2.2

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 Supervised By :Mahesh Dadoda 05/20/2022



#20

Methylene Chloride

Concen: 3.067 ppbv

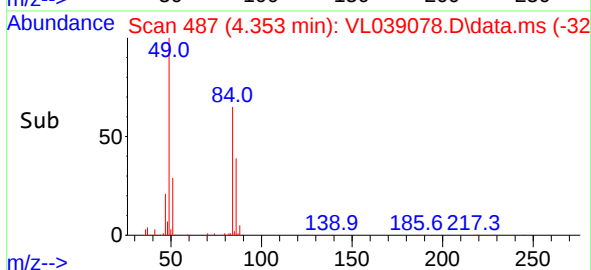
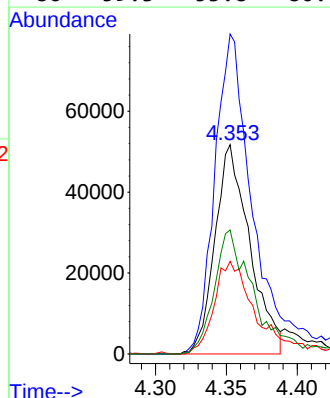
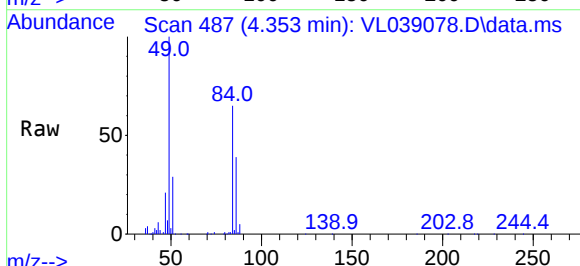
RT: 4.353 min Scan# 487

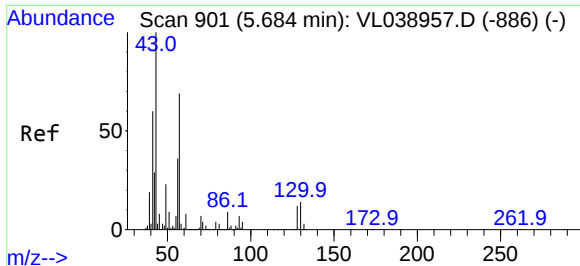
Delta R.T. 0.010 min

Lab File: VL039078.D

Acq: 17 May 2022 20:58

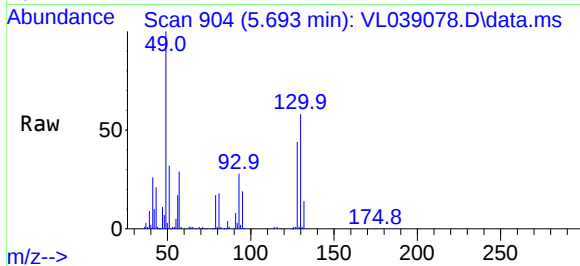
Tgt Ion: 84 Resp: 88706
 Ion Ratio Lower Upper
 84 100
 49 152.9 119.9 179.9
 51 44.3 35.7 53.5
 86 59.3 53.8 80.6





#26
Hexane
Concen: 1.006 ppbv
RT: 5.693 min Scan# 901
Delta R.T. 0.010 min
Lab File: VL039078.D
Acq: 17 May 2022 20:58

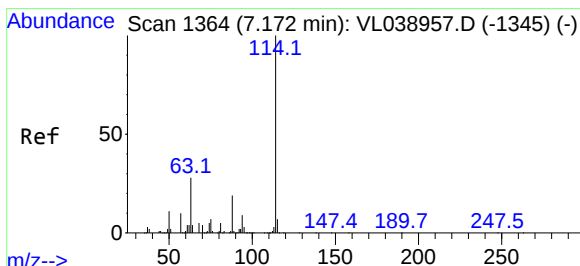
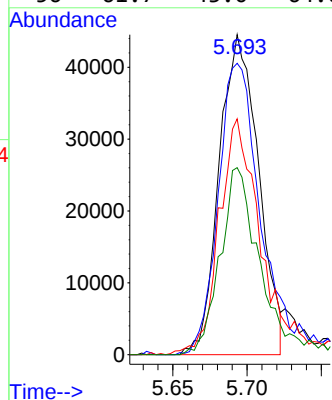
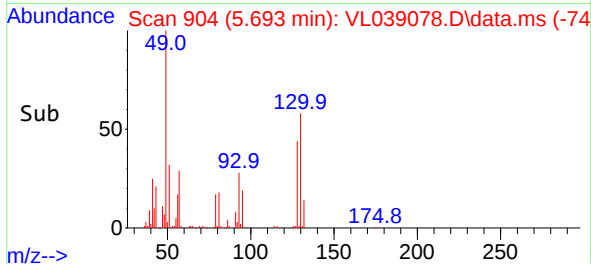
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ClientSampleId :
1161-8.01-SG-4DL



Tgt Ion: 57 Resp: 8207
Ion Ratio Lower Upper
57 100
41 103.4 75.2 112.8
43 81.0 190.8 286.2
56 61.7 43.0 64.6

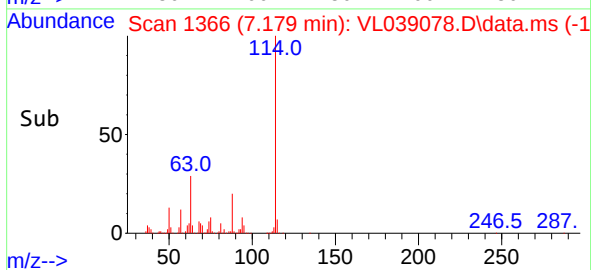
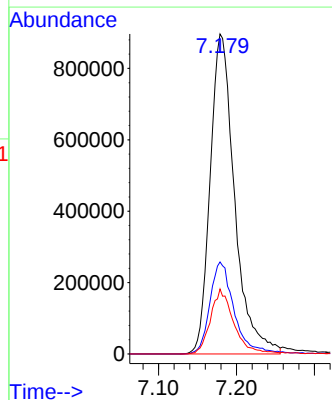
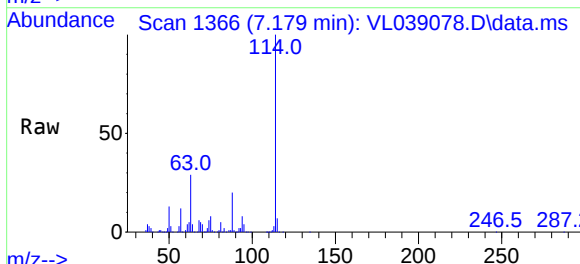
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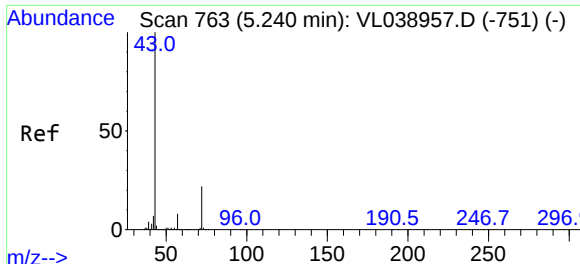
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VL039078.D
Acq: 17 May 2022 20:58

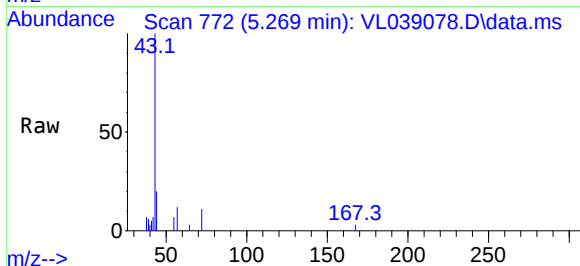
Tgt Ion:114 Resp: 1953833
Ion Ratio Lower Upper
114 100
63 28.9 22.6 33.8
88 19.8 15.4 23.0





#34
2-Butanone
Concen: 0.168 ppbv m
RT: 5.269 min Scan# 71
Delta R.T. 0.029 min
Lab File: VL039078.D
Acq: 17 May 2022 20:58

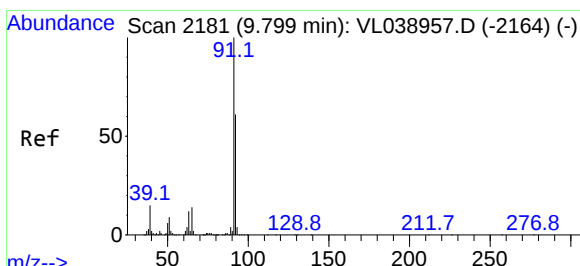
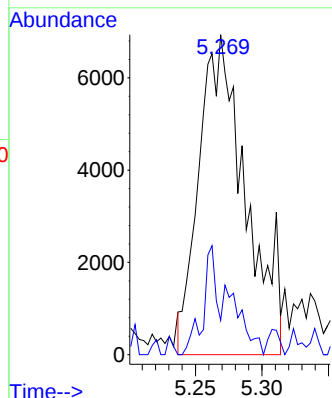
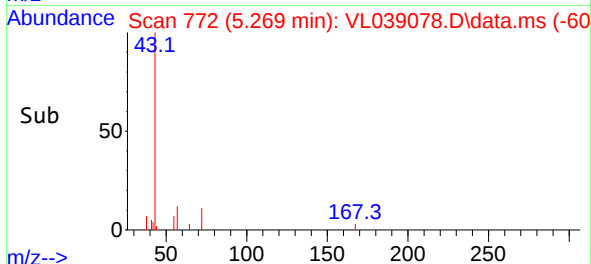
Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4DL



Tgt Ion: 43 Resp: 16760
Ion Ratio Lower Upper
43 100
72 20.5 17.8 26.6

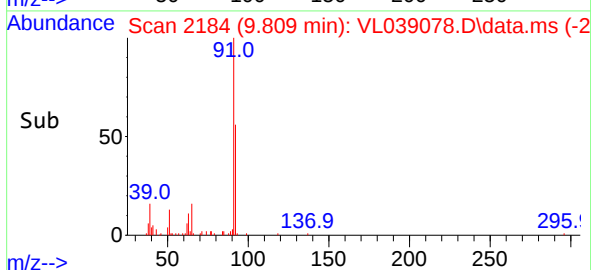
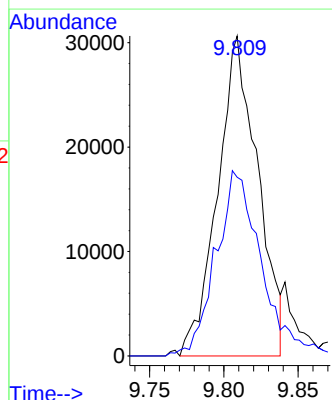
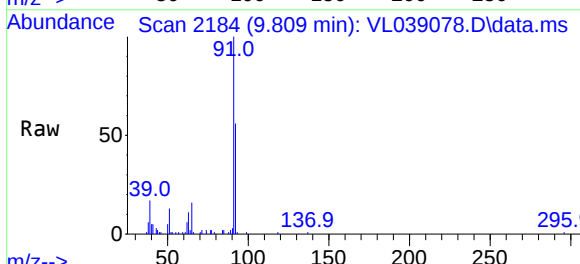
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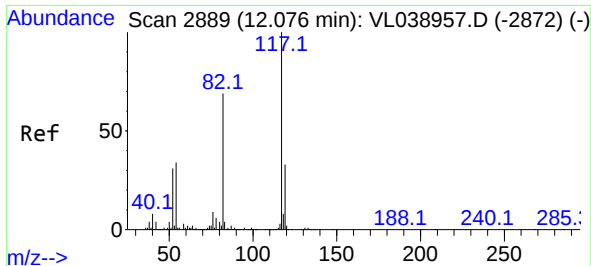
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022



#53
Toluene
Concen: 0.308 ppbv
RT: 9.809 min Scan# 2184
Delta R.T. 0.010 min
Lab File: VL039078.D
Acq: 17 May 2022 20:58

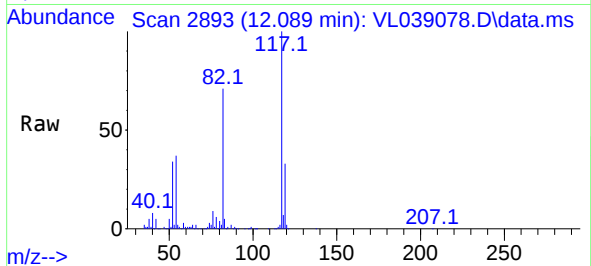
Tgt Ion: 91 Resp: 57671
Ion Ratio Lower Upper
91 100
92 66.7 48.2 72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039078.D
Acq: 17 May 2022 20:58

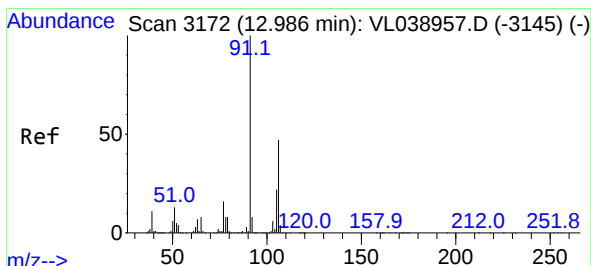
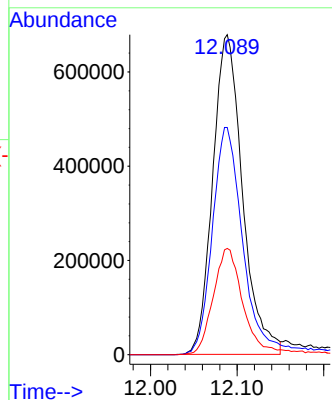
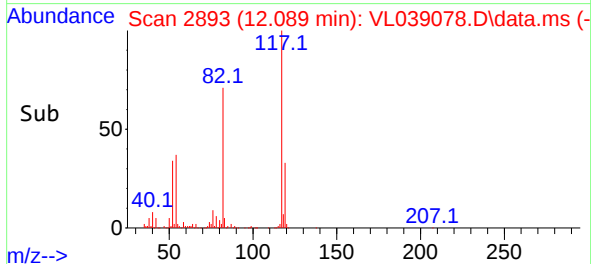
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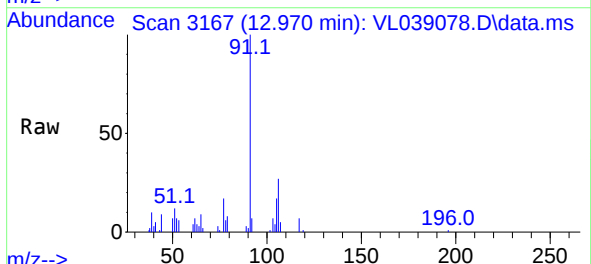
Tgt Ion:117 Resp: 162237
Ion Ratio Lower Upper
117 100
82 76.1 57.0 85.6
119 34.6 27.2 40.8

Manual Integrations
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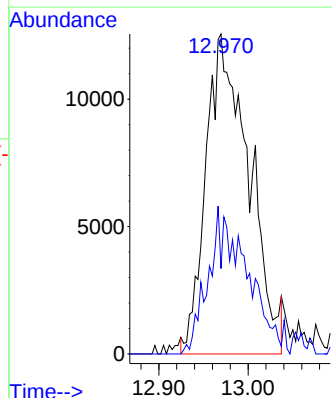
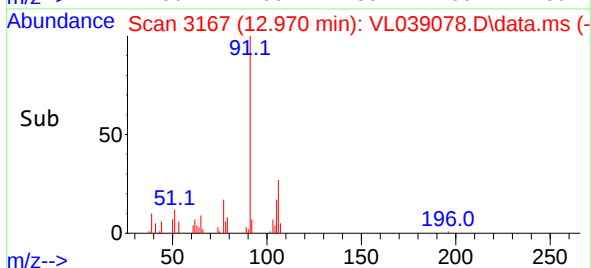
Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/20/2022

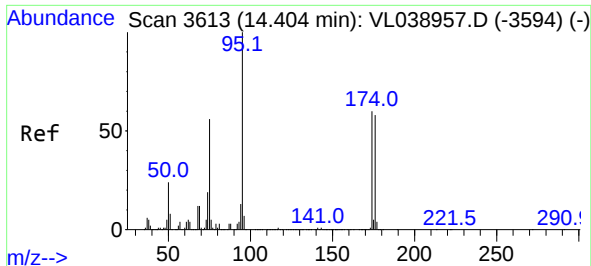


#59
m/p-Xylene
Concen: 0.210 ppbv m
RT: 12.970 min Scan# 3167
Delta R.T. -0.016 min
Lab File: VL039078.D
Acq: 17 May 2022 20:58



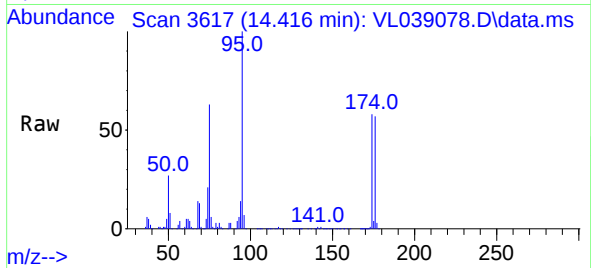
Tgt Ion: 91 Resp: 41785
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.086 ppbv
RT: 14.416 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL039078.D
Acq: 17 May 2022 20:58

Instrument :
MSVOA_L
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1161-8.01-SG-4DL



Tgt Ion: 95 Resp: 1295911
Ion Ratio Lower Upper
95 100
174 65.2 50.8 76.2
175 4.6 3.8 5.6

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Supervised By :Mahesh Dadoda 05/20/2022

