

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
 Data File : VL039351.D
 Acq On : 24 Jun 2022 21:46
 Operator : SY/AP
 Sample : N3453-06DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 01:53:29 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1130608	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	3202057	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.076	117	2769519	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	2081721	9.092	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.900%
Target Compounds						
					Qvalue	
9) Propene	3.022	41	12663m	0.202	ppbv	
13) Ethanol	3.604	45	106401m	31.104	ppbv	
15) Acetone	3.851	43	109336	0.928	ppbv	93
19) Isopropyl Alcohol	3.970	45	48833m	0.884	ppbv	
20) Methylene Chloride	4.340	84	31486	0.634	ppbv #	93
26) Hexane	5.681	57	22675m	0.194	ppbv	

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

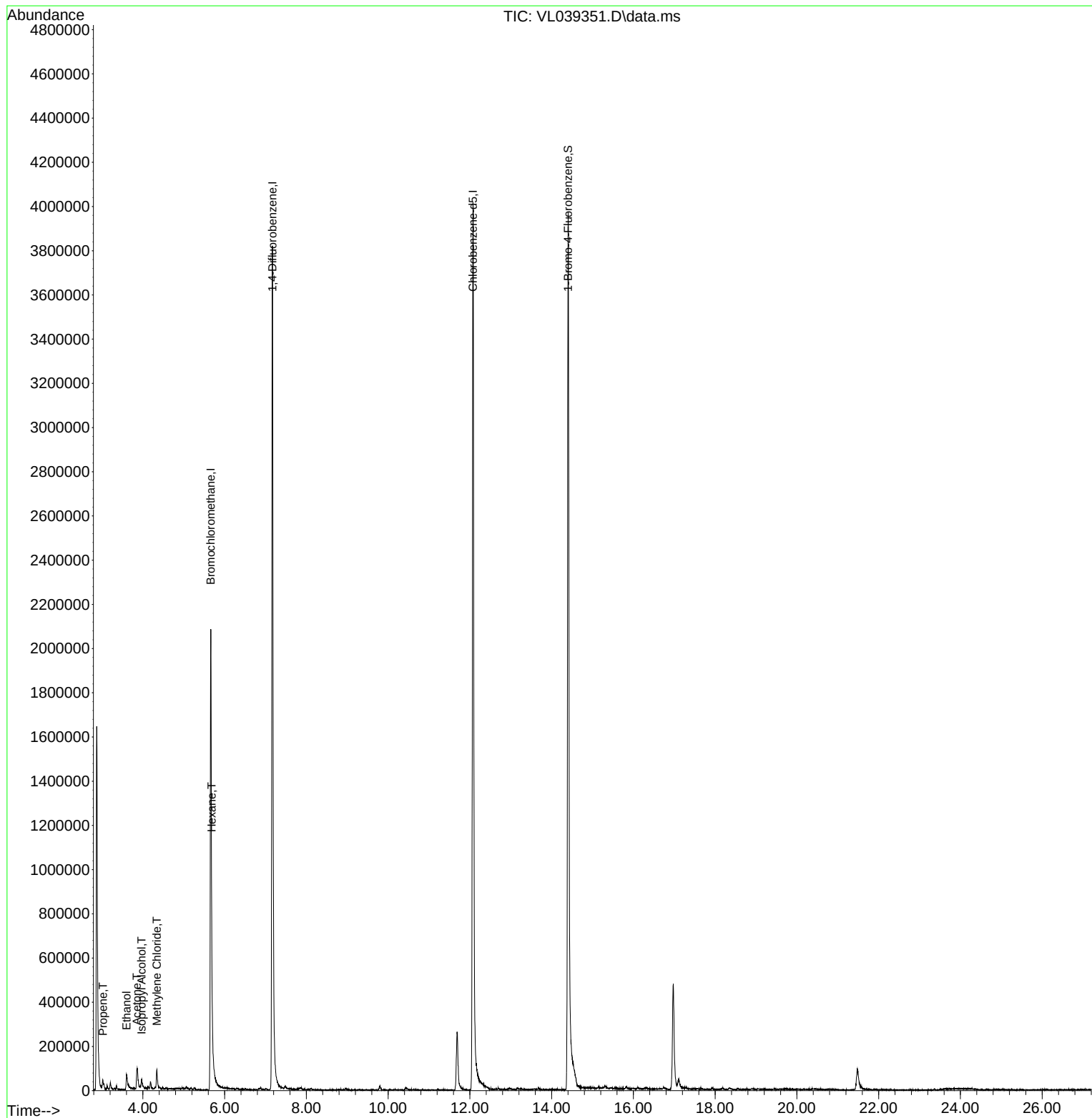
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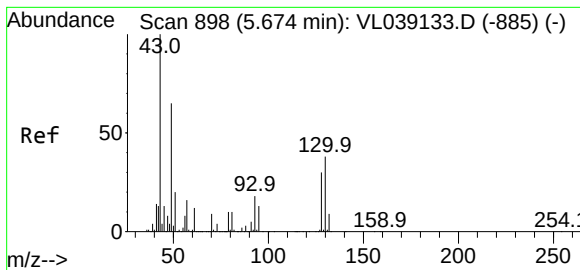
Instrument :
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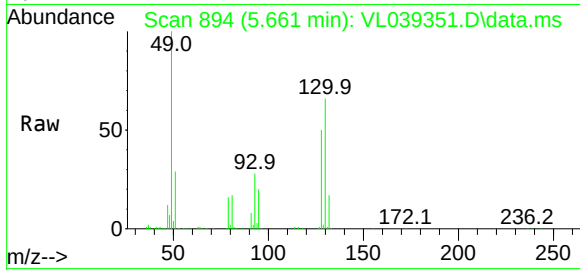
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 89
Delta R.T. -0.013 min
Lab File: VL039351.D
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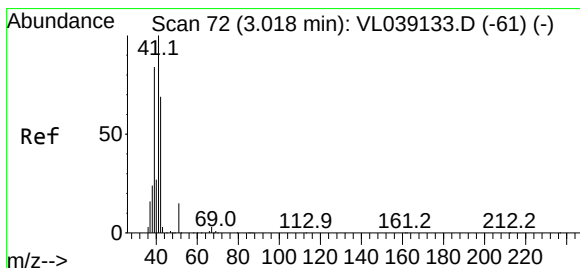
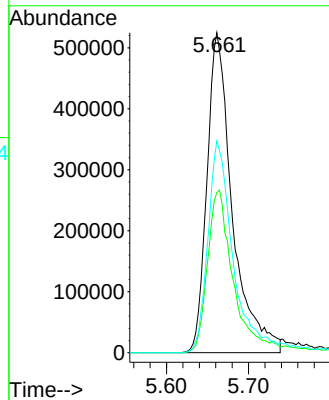
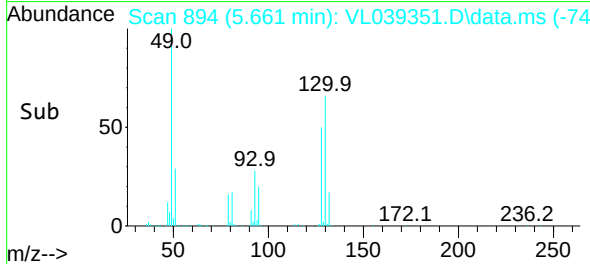
Instrument :
MSVOA_L
ClientSampleId :
IA-4DL



Tgt Ion: 49 Resp: 1130608
Ion Ratio Lower Upper
49 100
128 54.3 24.7 74.1
130 68.8 31.4 94.0

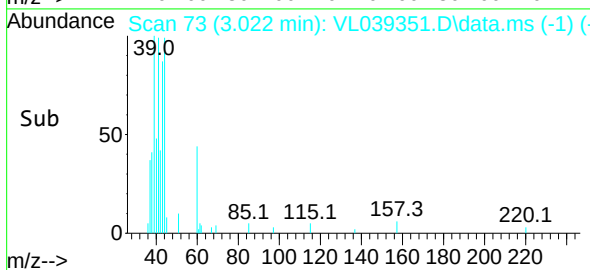
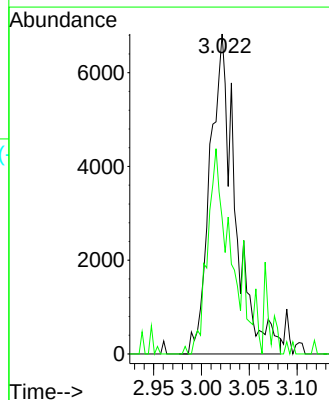
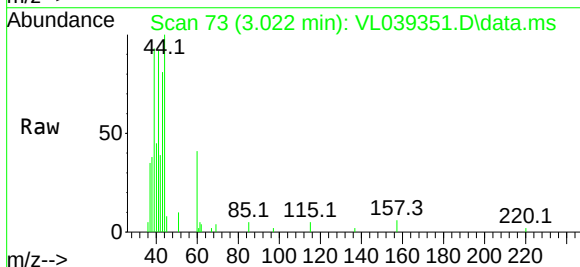
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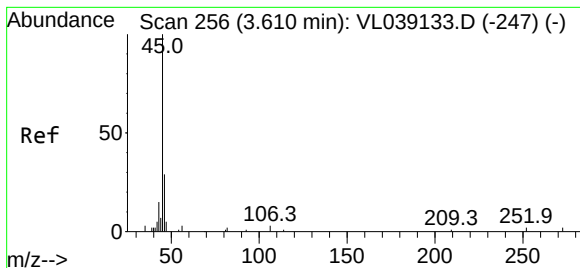
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 0.202 ppbv m
RT: 3.022 min Scan# 73
Delta R.T. 0.003 min
Lab File: VL039351.D
Acq: 24 Jun 2022 21:46

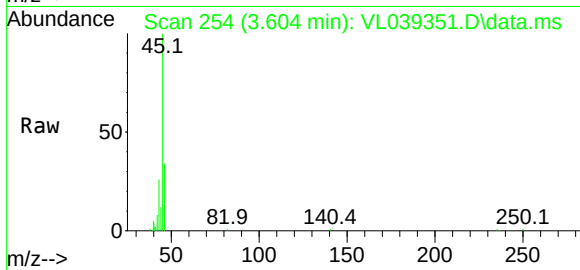
Tgt Ion: 41 Resp: 12663
Ion Ratio Lower Upper
41 100
42 18.9 55.4 83.2#





#13
Ethanol
Concen: 31.104 ppbv m
RT: 3.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039351.D
Acq: 24 Jun 2022 21:46

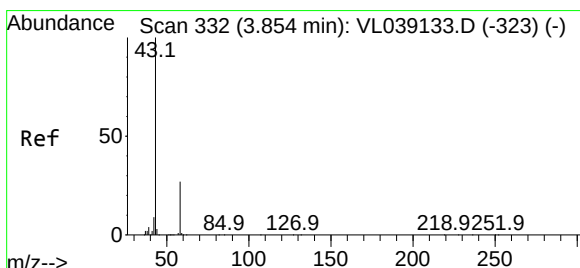
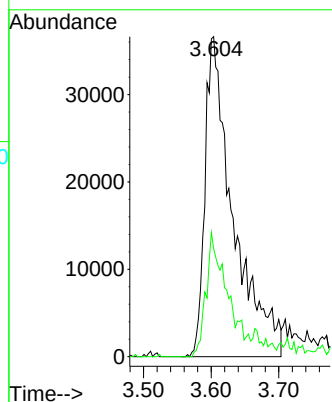
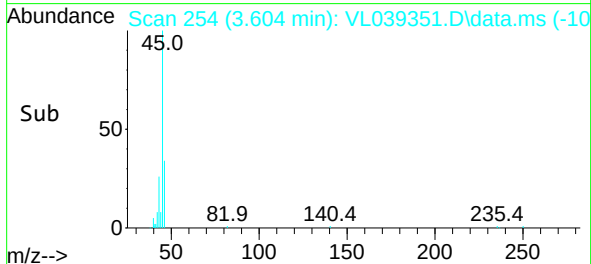
Instrument :
MSVOA_L
ClientSampleId :
IA-4DL



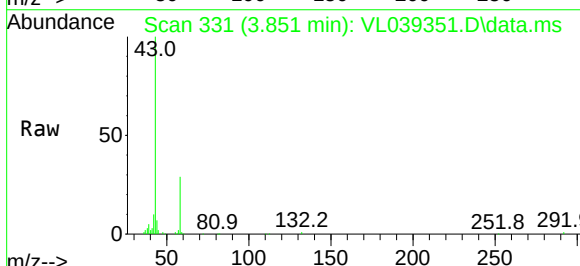
Tgt Ion: 45 Resp: 10640
Ion Ratio Lower Upper
45 100
46 36.0 0.0 0.0

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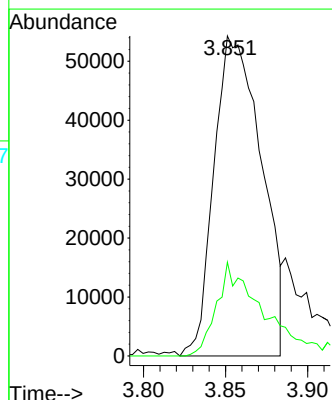
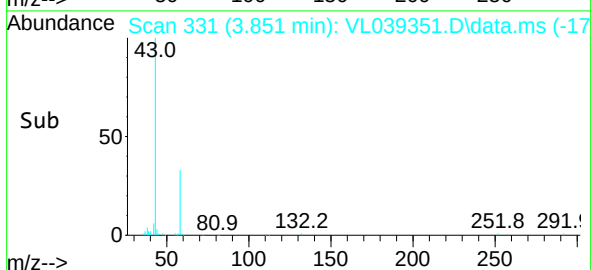
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

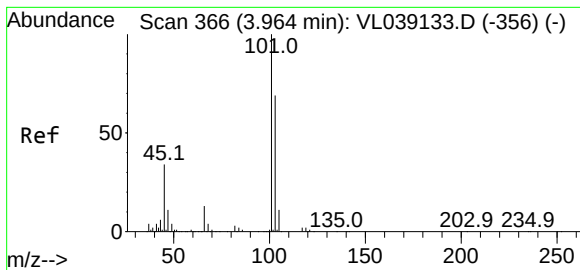


#15
Acetone
Concen: 0.928 ppbv
RT: 3.851 min Scan# 331
Delta R.T. -0.003 min
Lab File: VL039351.D
Acq: 24 Jun 2022 21:46



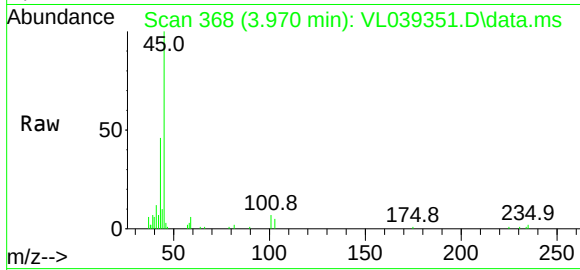
Tgt Ion: 43 Resp: 109336
Ion Ratio Lower Upper
43 100
58 31.5 22.5 33.7





#19
Isopropyl Alcohol
Concen: 0.884 ppbv m
RT: 3.970 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL039351.D
Acq: 24 Jun 2022 21:46

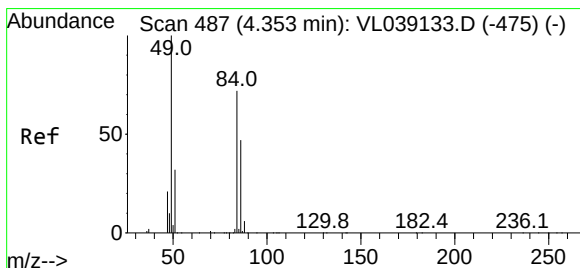
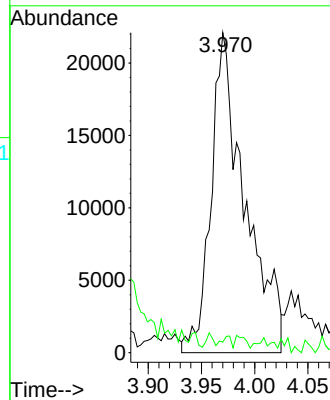
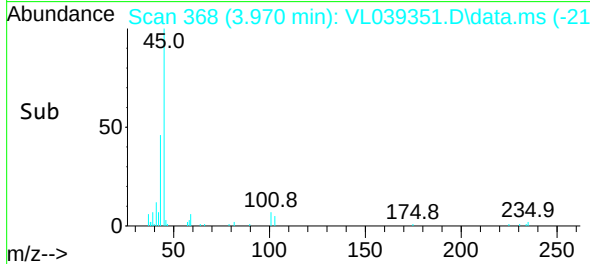
Instrument :
MSVOA_L
ClientSampleId :
IA-4DL



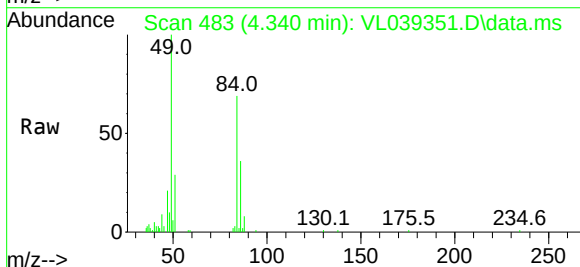
Tgt Ion: 45 Resp: 4883
Ion Ratio Lower Upper
45 100
58 4.9 1.8 2.8

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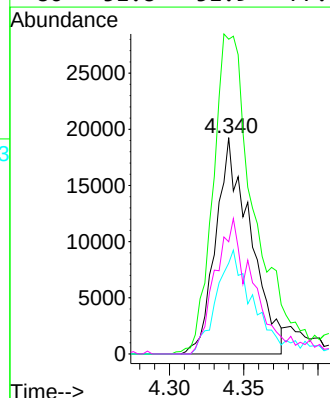
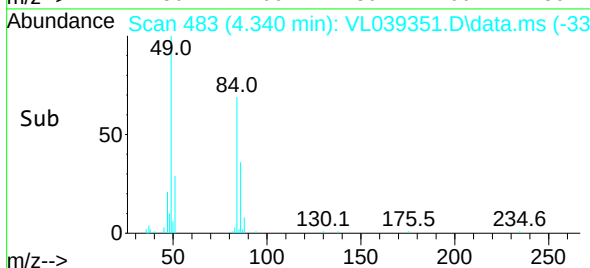
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

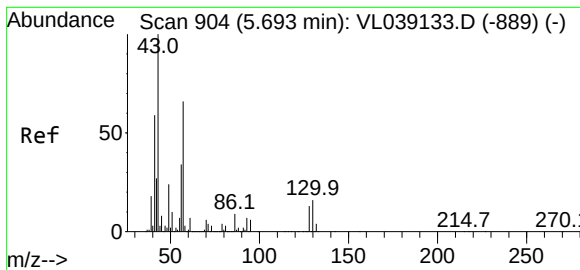


#20
Methylene Chloride
Concen: 0.634 ppbv
RT: 4.340 min Scan# 483
Delta R.T. -0.013 min
Lab File: VL039351.D
Acq: 24 Jun 2022 21:46



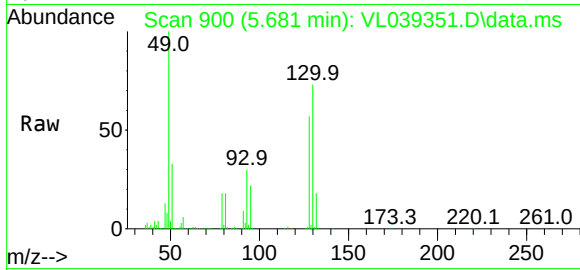
Tgt Ion: 84 Resp: 31486
Ion Ratio Lower Upper
84 100
49 144.4 111.1 166.7
51 42.0 35.3 52.9
86 51.8 51.9 77.9





#26
Hexane
Concen: 0.194 ppbv m
RT: 5.681 min Scan# 904
Delta R.T. -0.013 min
Lab File: VL039351.D
Acq: 24 Jun 2022 21:46

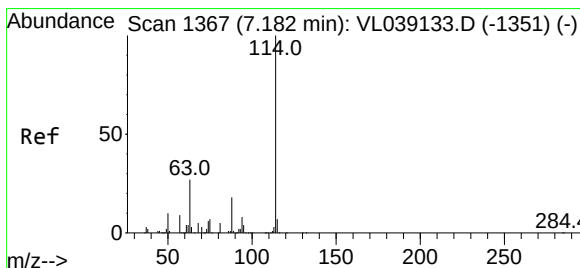
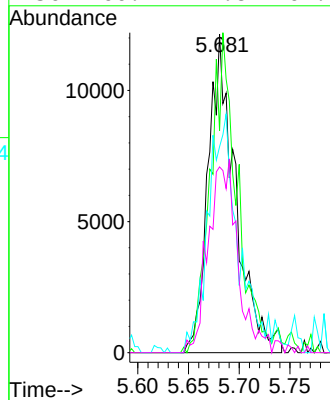
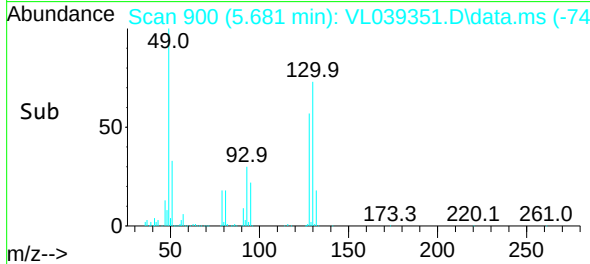
Instrument :
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IA-4DL



Tgt Ion: 57 Resp: 22675
Ion Ratio Lower Upper
57 100
41 100.3 72.4 108.6
43 84.8 187.0 280.6
56 66.7 41.8 62.6#

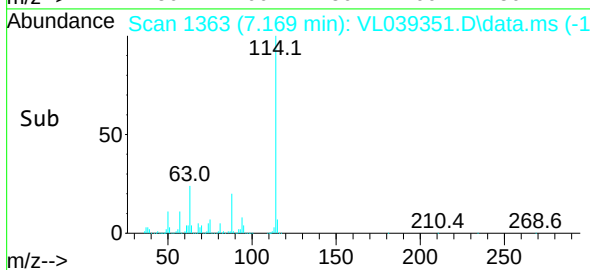
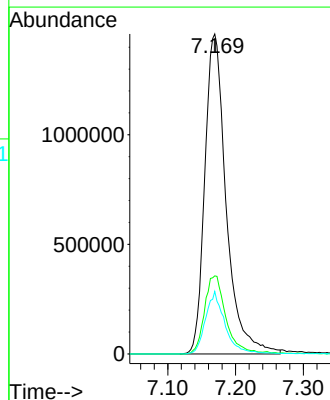
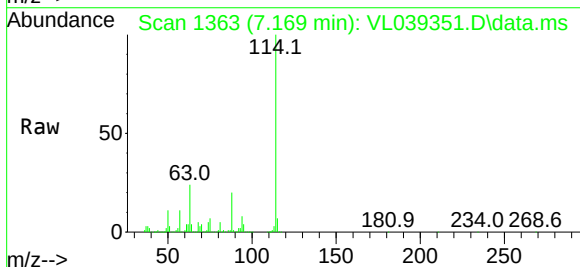
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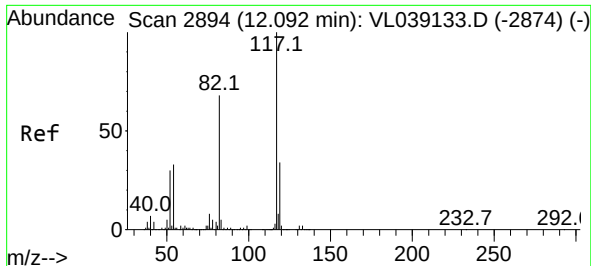
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. -0.013 min
Lab File: VL039351.D
Acq: 24 Jun 2022 21:46

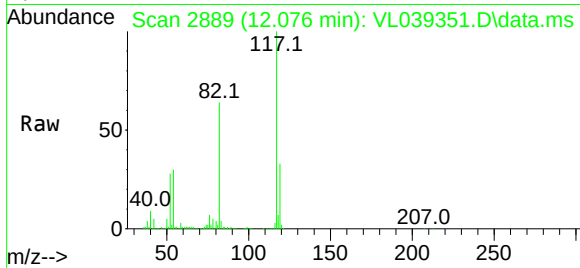
Tgt Ion:114 Resp: 3202057
Ion Ratio Lower Upper
114 100
63 24.8 21.7 32.5
88 18.1 14.8 22.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039351.D
Acq: 24 Jun 2022 21:46

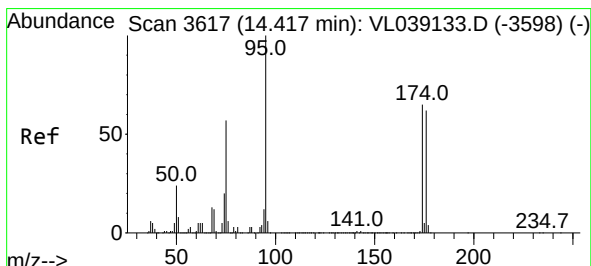
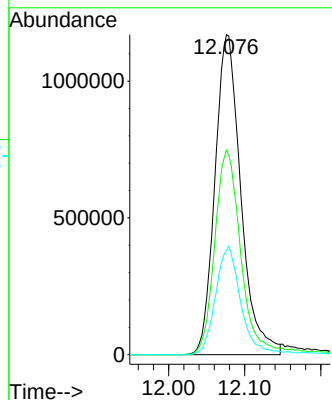
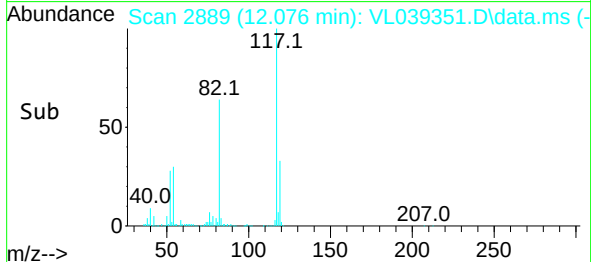
Instrument :
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ClientSampleId :
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Tgt Ion: 117 Resp: 2769519
Ion Ratio Lower Upper
117 100
82 66.3 55.1 82.7
119 33.9 24.7 37.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.092 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. -0.013 min
Lab File: VL039351.D
Acq: 24 Jun 2022 21:46

Tgt Ion: 95 Resp: 2081721
Ion Ratio Lower Upper
95 100
174 70.8 53.8 80.8
175 5.1 4.1 6.1

