

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
 Data File : VL039357.D
 Acq On : 25 Jun 2022 1:50
 Operator : SY/AP
 Sample : N3453-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 01:54:50 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	1062534	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	3107821	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.079	117	2702643	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1996844	8.937	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.400%
Target Compounds						
					Qvalue	
9) Propene	3.021	41	12427m	0.211	ppbv	
13) Ethanol	3.603	45	73366	22.821	ppbv #	100
15) Acetone	3.851	43	247799	2.239	ppbv	100
19) Isopropyl Alcohol	3.973	45	78033m	1.503	ppbv	
20) Methylene Chloride	4.343	84	22474m	0.482	ppbv	
26) Hexane	5.687	57	15433m	0.141	ppbv	

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

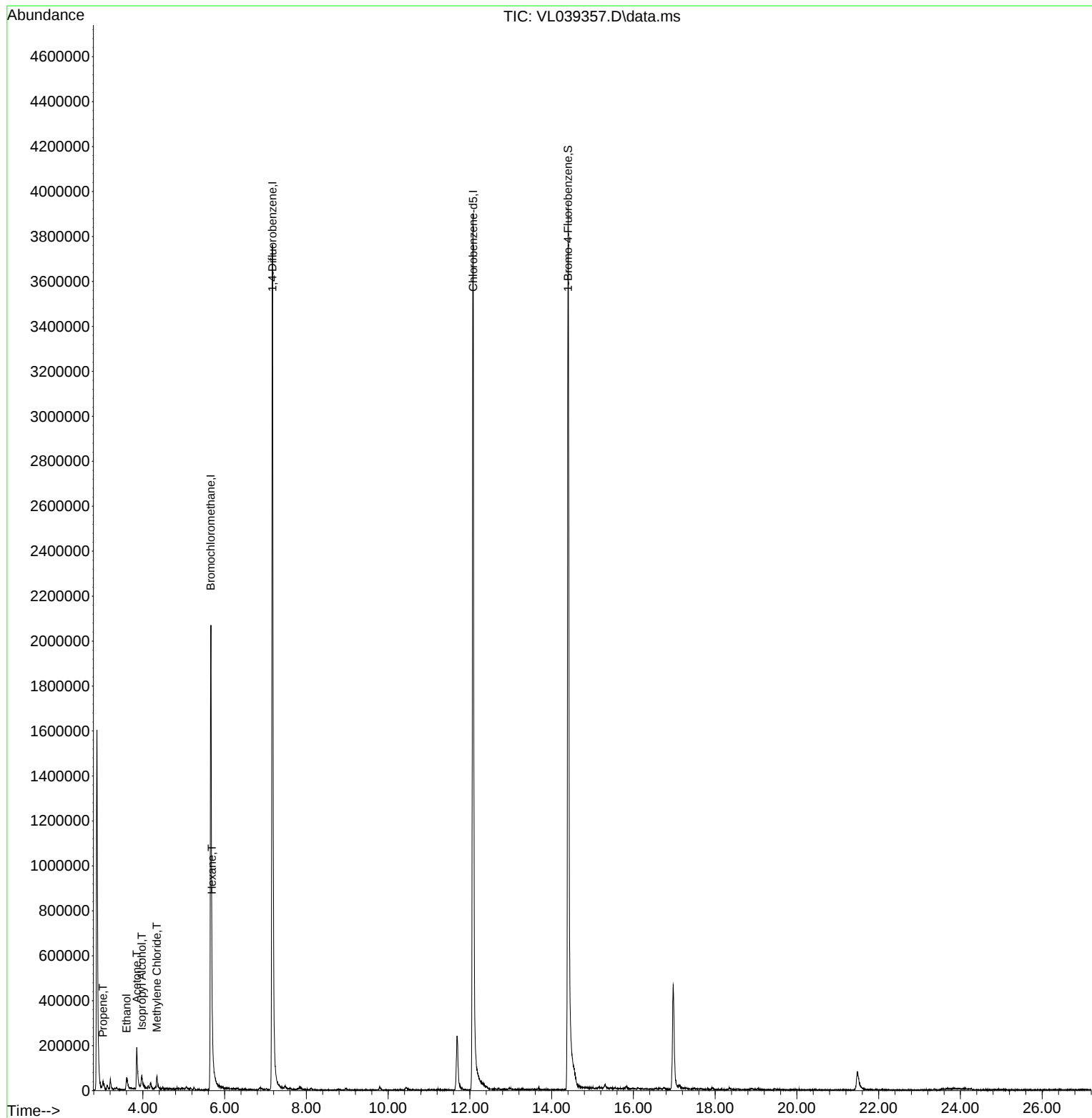
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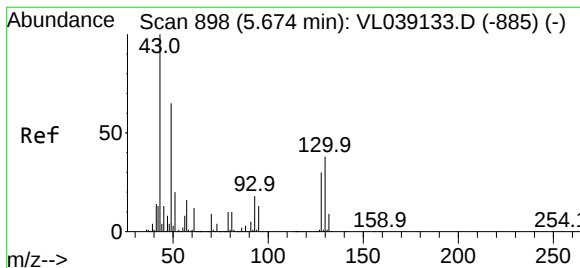
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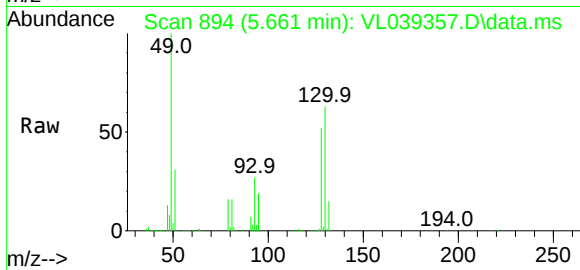
Quant Time: Jun 27 01:54:50 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 89
Delta R.T. -0.013 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

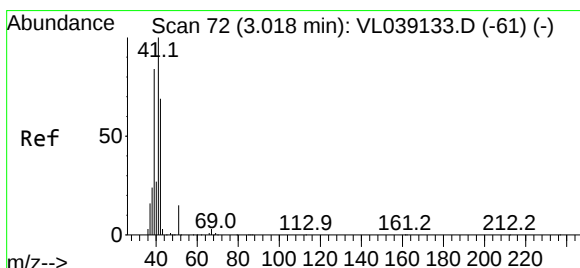
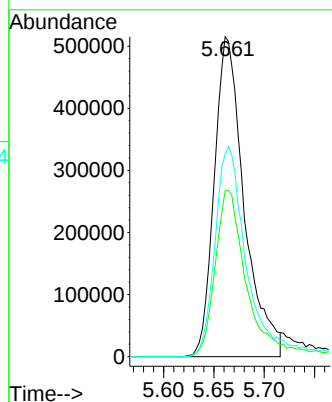
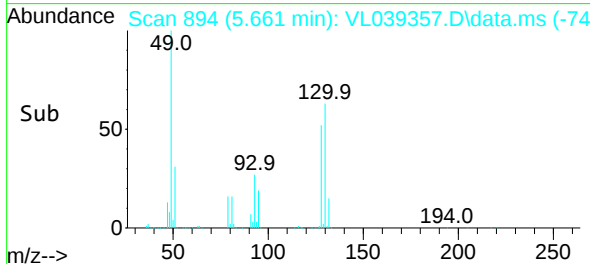
Instrument :
MSVOA_L
ClientSampleId :
AA-1DL



Tgt Ion: 49 Resp: 1062534
Ion Ratio Lower Upper
49 100
128 57.2 24.7 74.1
130 73.4 31.4 94.0

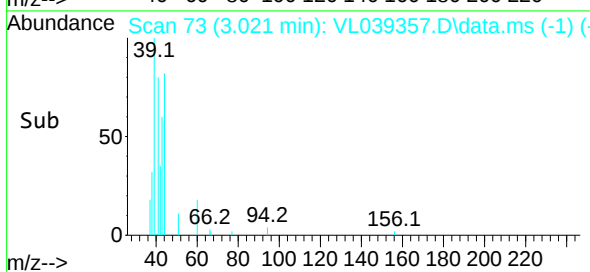
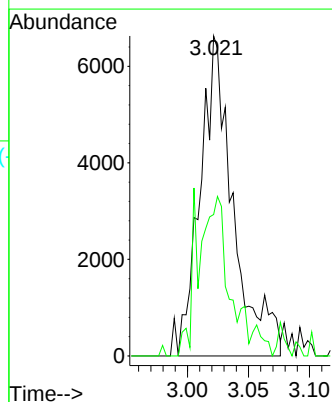
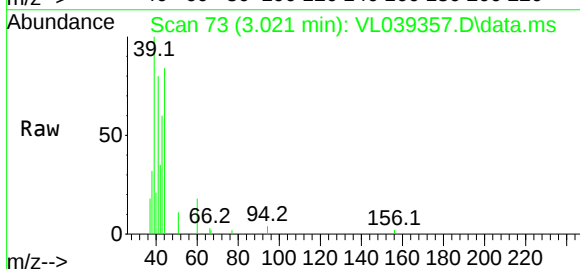
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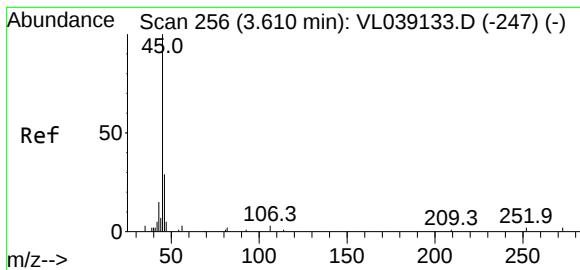
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 0.211 ppbv m
RT: 3.021 min Scan# 73
Delta R.T. 0.003 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

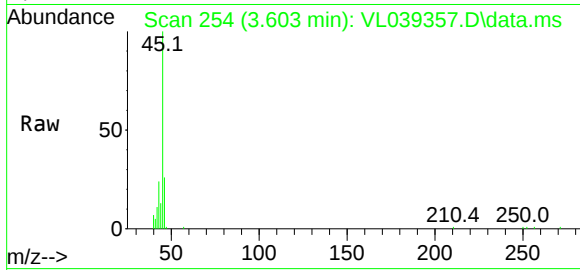
Tgt Ion: 41 Resp: 12427
Ion Ratio Lower Upper
41 100
42 50.0 55.4 83.2#





#13
Ethanol
Concen: 22.821 ppbv
RT: 3.603 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

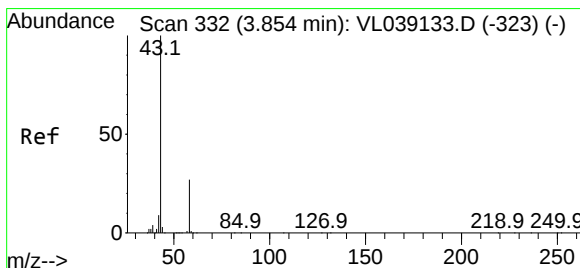
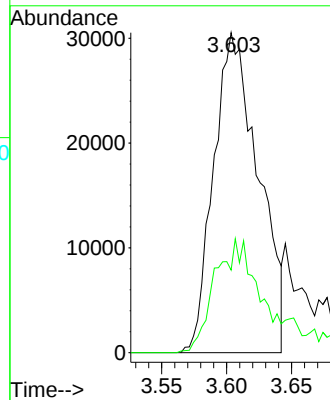
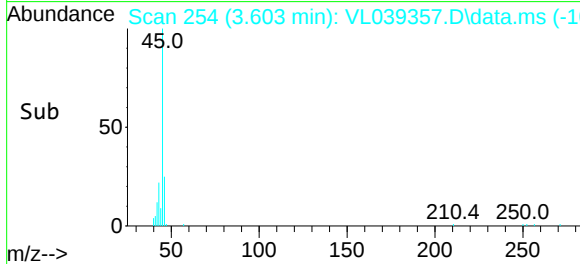
Instrument :
MSVOA_L
ClientSampleId :
AA-1DL



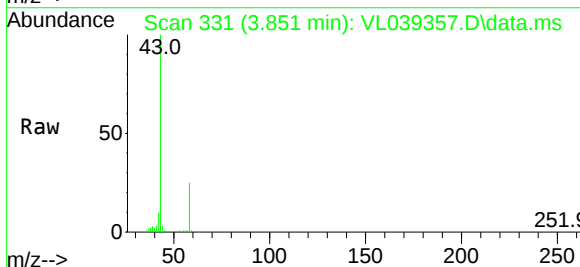
Tgt Ion: 45 Resp: 73360
Ion Ratio Lower Upper
45 100
46 39.9 0.0 0.0

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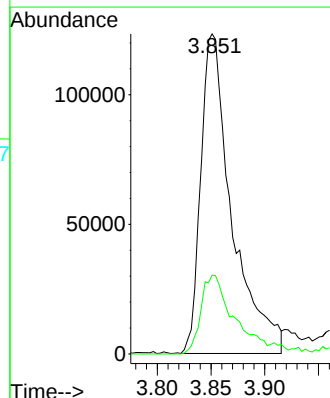
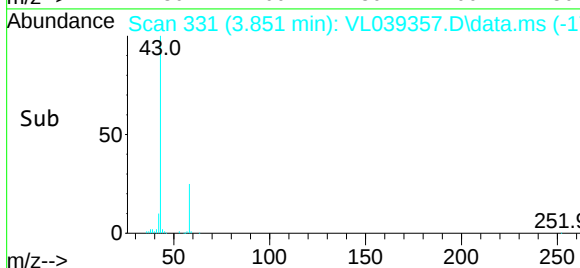
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Supervised By :Mahesh Dadoda 06/30/2022

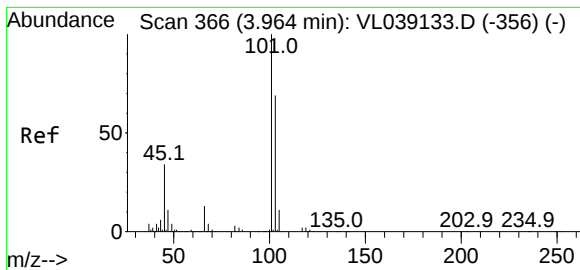


#15
Acetone
Concen: 2.239 ppbv
RT: 3.851 min Scan# 331
Delta R.T. -0.003 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50



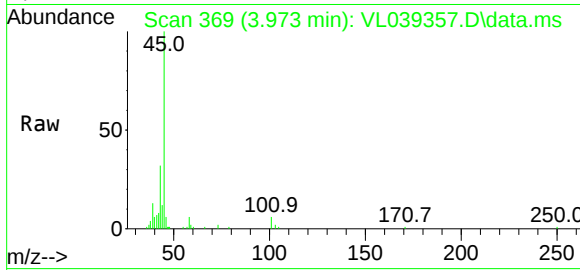
Tgt Ion: 43 Resp: 247799
Ion Ratio Lower Upper
43 100
58 28.3 22.5 33.7





#19
Isopropyl Alcohol
Concen: 1.503 ppbv m
RT: 3.973 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

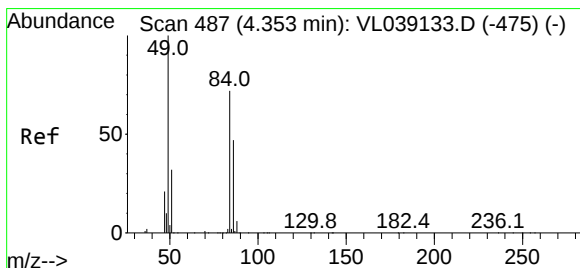
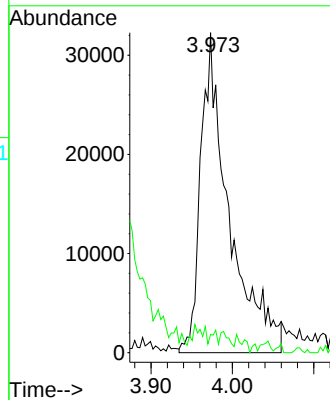
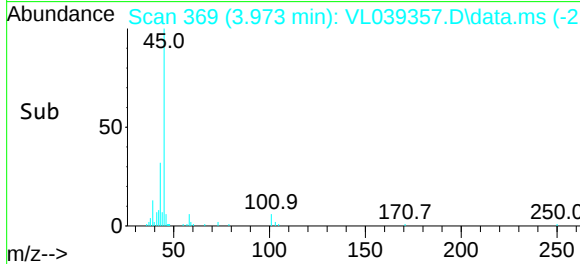
Instrument :
MSVOA_L
ClientSampleId :
AA-1DL



Tgt Ion: 45 Resp: 7803
Ion Ratio Lower Upper
45 100
58 10.6 1.8 2.8

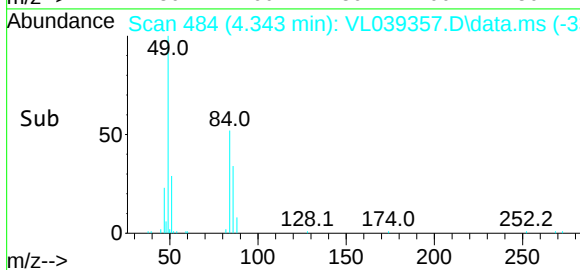
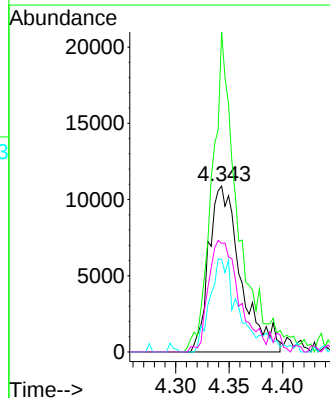
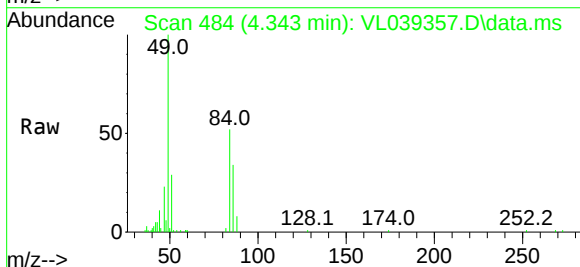
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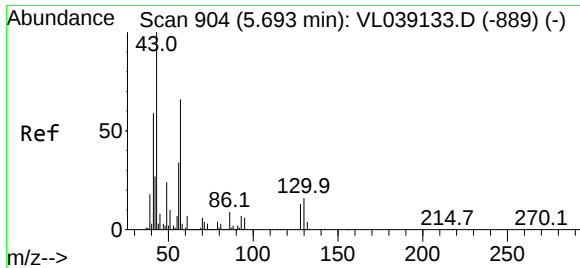
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Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 0.482 ppbv m
RT: 4.343 min Scan# 484
Delta R.T. -0.010 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

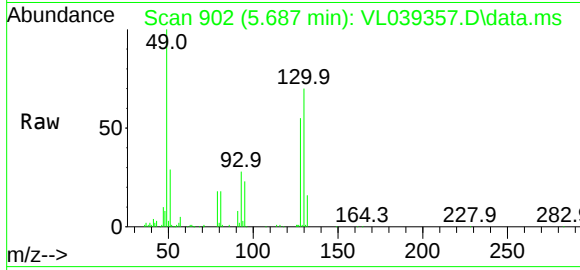
Tgt Ion: 84 Resp: 22474
Ion Ratio Lower Upper
84 100
49 192.9 111.1 166.7#
51 55.7 35.3 52.9#
86 65.5 51.9 77.9





#26
Hexane
Concen: 0.141 ppbv m
RT: 5.687 min Scan# 904
Delta R.T. -0.007 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

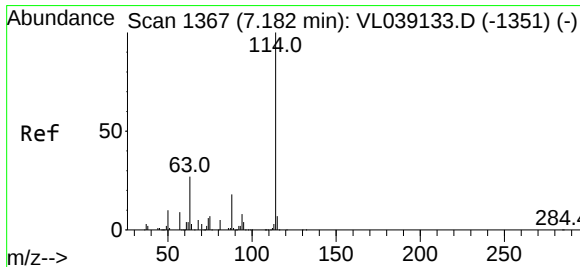
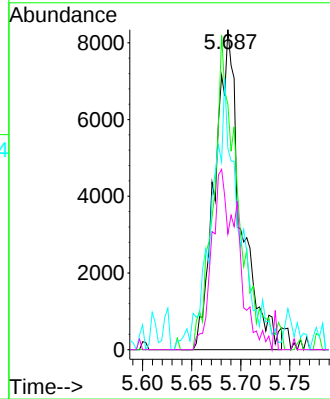
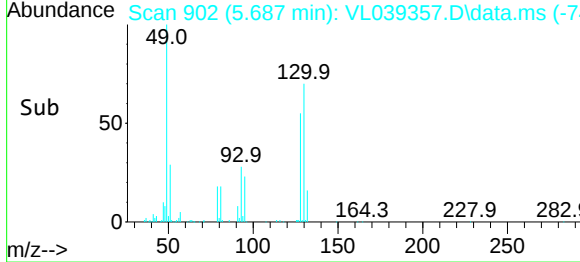
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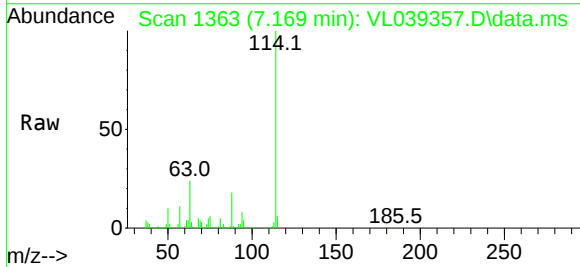
Tgt Ion: 57 Resp: 1543
Ion Ratio Lower Upper
57 100
41 94.7 72.4 108.6
43 90.2 187.0 280.6
56 57.3 41.8 62.6

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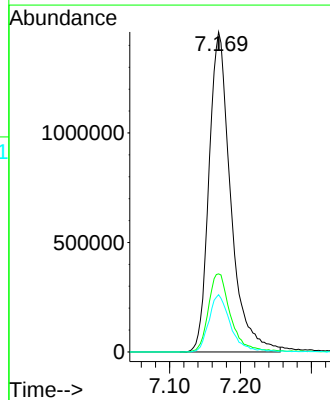
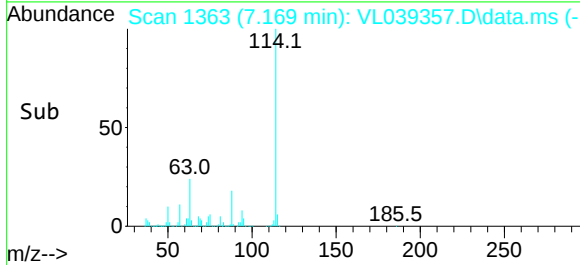
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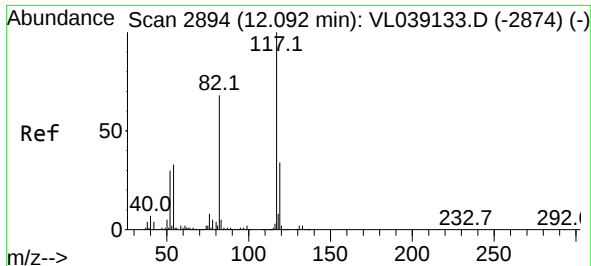


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. -0.013 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50



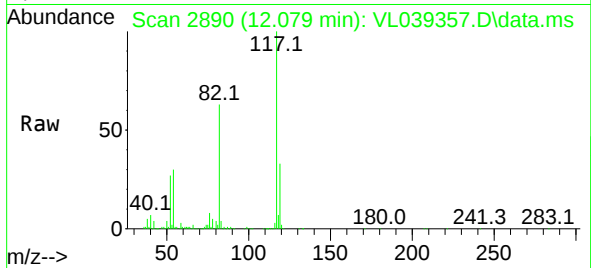
Tgt Ion:114 Resp: 3107821
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.0 14.8 22.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

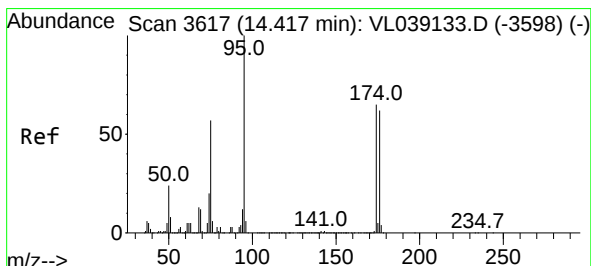
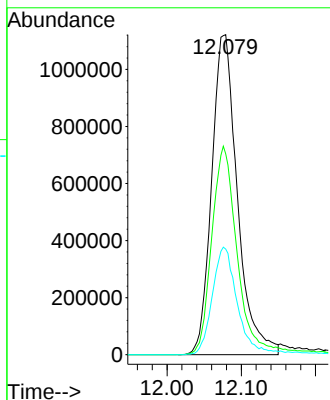
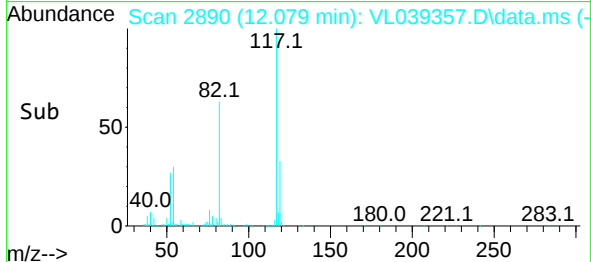
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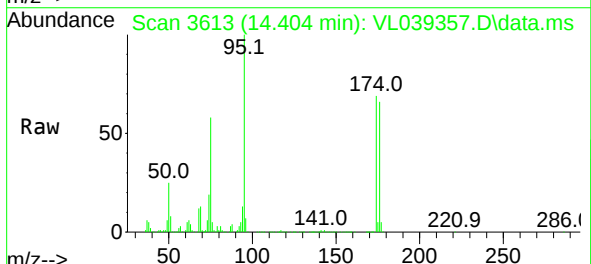
Tgt Ion: 117 Resp: 270264
Ion Ratio Lower Upper
117 100
82 66.3 55.1 82.7
119 33.8 24.7 37.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 8.937 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. -0.013 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50



Tgt Ion: 95 Resp: 1996844
Ion Ratio Lower Upper
95 100
174 71.5 53.8 80.8
175 5.2 4.1 6.1

