

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
 Data File : VL039342.D
 Acq On : 24 Jun 2022 15:42
 Operator : SY/AP
 Sample : N3489-02 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4-20220622DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 01:51:04 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	5.665	49	1221153	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	3393019	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.079	117	3017574	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2221190	8.904	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.000%
Target Compounds						
					Qvalue	
9) Propene	3.012	41	114838	1.695	ppbv	96
13) Ethanol	3.604	45	16369m	4.430	ppbv	
15) Acetone	3.851	43	1148778	9.031	ppbv	94
19) Isopropyl Alcohol	3.973	45	142415	2.387	ppbv #	93
20) Methylene Chloride	4.346	84	45919	0.857	ppbv #	83
26) Hexane	5.681	57	39063m	0.310	ppbv	
27) Carbon Disulfide	4.546	76	27394m	0.210	ppbv	
34) 2-Butanone	5.256	43	106887	0.580	ppbv #	83

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

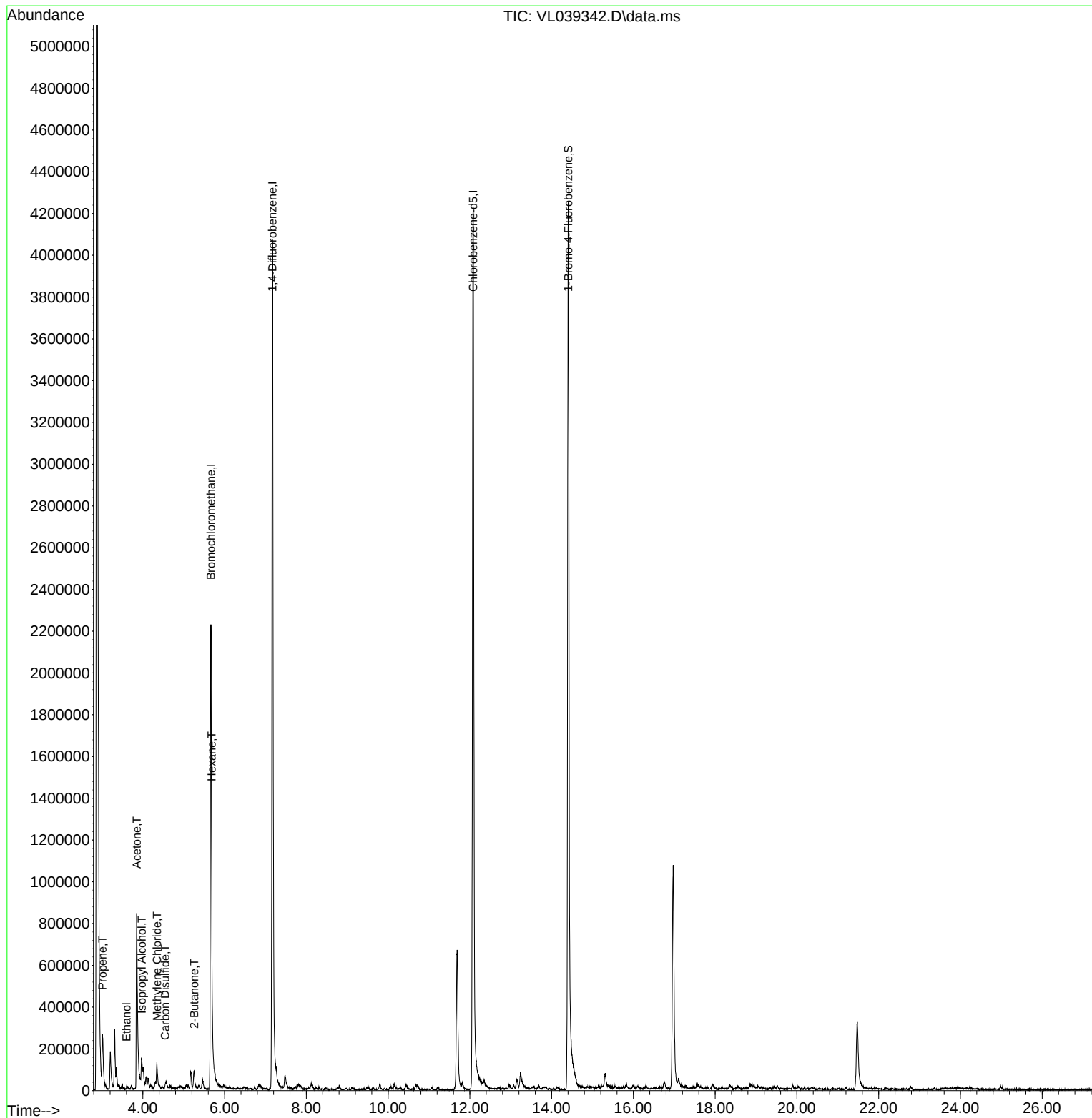
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
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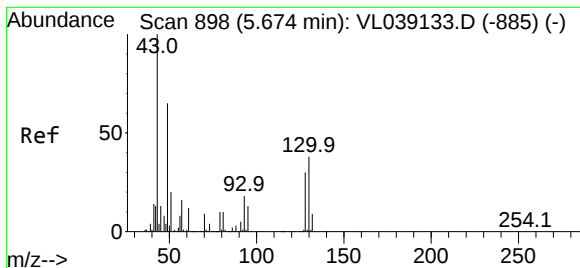
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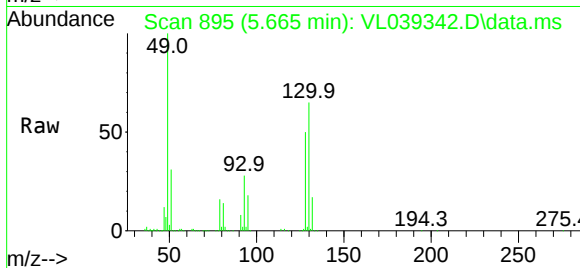
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 898
Delta R.T. -0.010 min
Lab File: VL039342.D
Acq: 24 Jun 2022 15:42

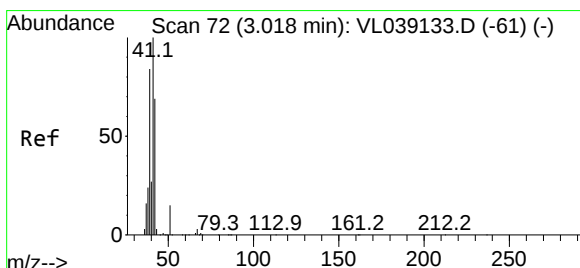
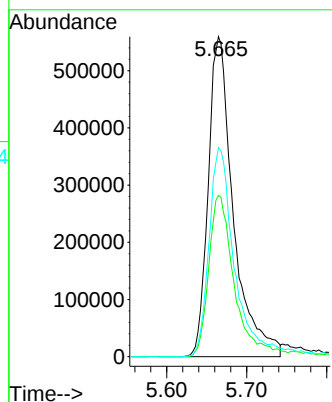
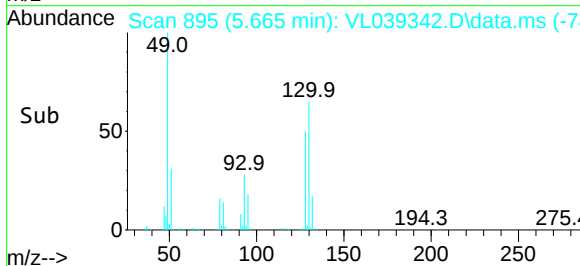
Instrument :
MSVOA_L
ClientSampleId :
SV-4-20220622DL



Tgt Ion: 49 Resp: 122115
Ion Ratio Lower Upper
49 100
128 53.3 24.7 74.1
130 68.6 31.4 94.0

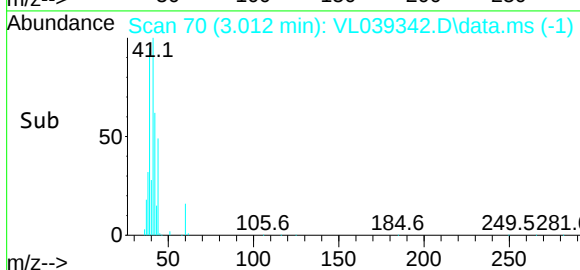
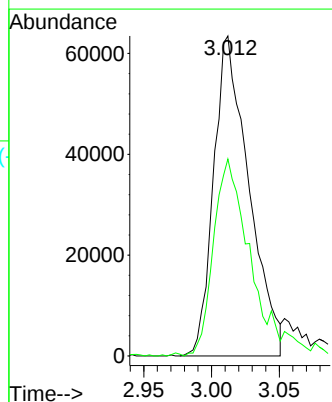
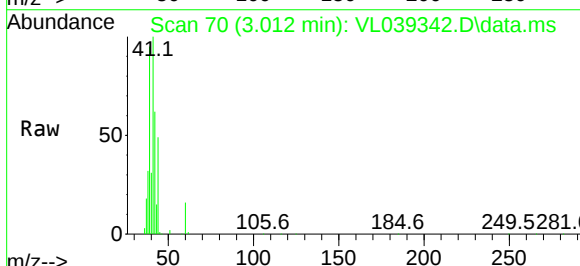
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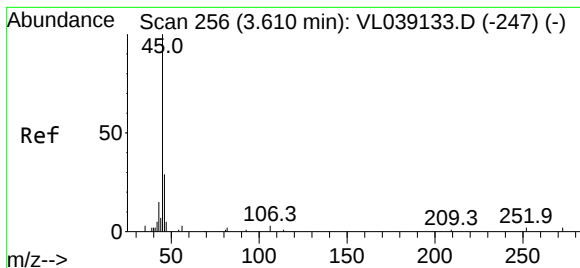
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 1.695 ppbv
RT: 3.012 min Scan# 70
Delta R.T. -0.006 min
Lab File: VL039342.D
Acq: 24 Jun 2022 15:42

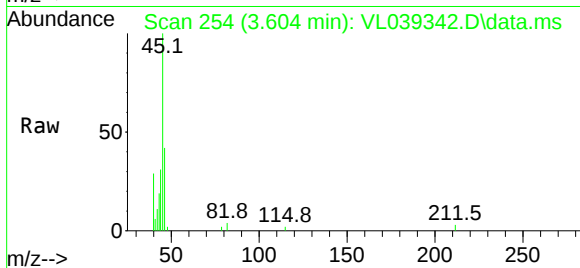
Tgt Ion: 41 Resp: 114838
Ion Ratio Lower Upper
41 100
42 65.9 55.4 83.2





#13
Ethanol
Concen: 4.430 ppbv m
RT: 3.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039342.D
Acq: 24 Jun 2022 15:42

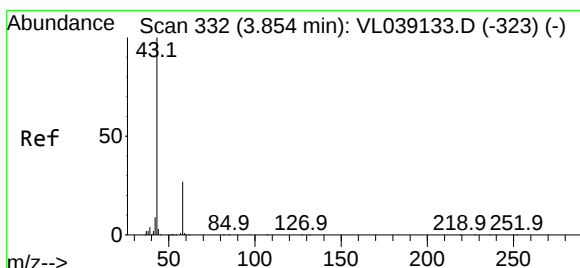
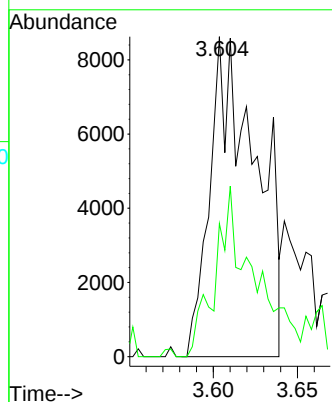
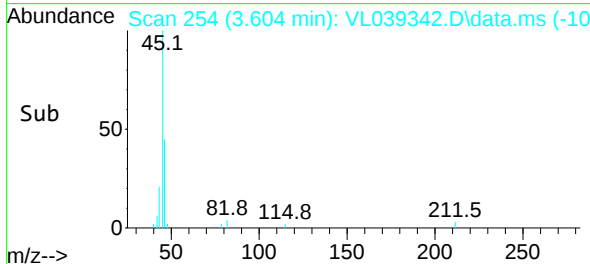
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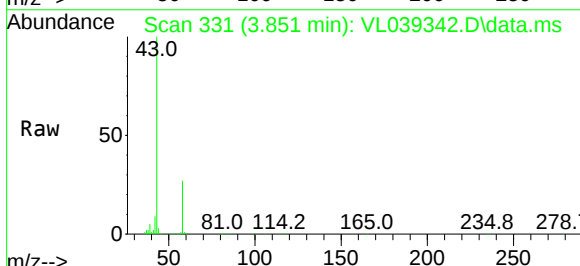
Tgt Ion: 45 Resp: 16369
Ion Ratio Lower Upper
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46 61.0 0.0 0.0

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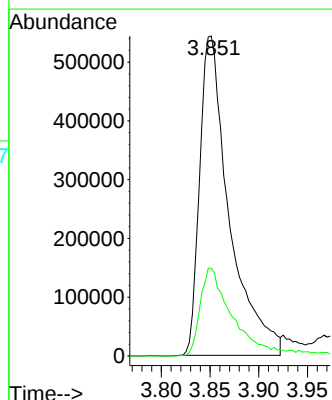
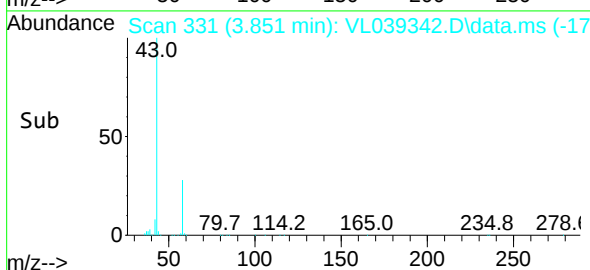
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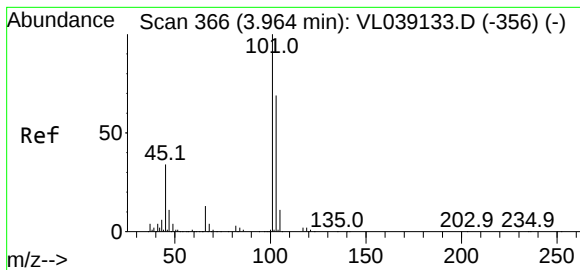


#15
Acetone
Concen: 9.031 ppbv
RT: 3.851 min Scan# 331
Delta R.T. -0.003 min
Lab File: VL039342.D
Acq: 24 Jun 2022 15:42



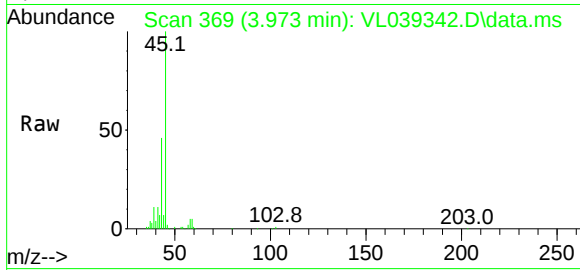
Tgt Ion: 43 Resp: 1148778
Ion Ratio Lower Upper
43 100
58 31.4 22.5 33.7





#19
Isopropyl Alcohol
Concen: 2.387 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL039342.D
Acq: 24 Jun 2022 15:42

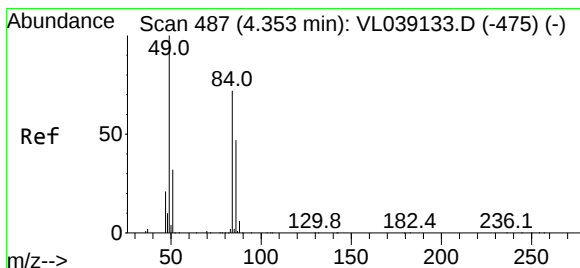
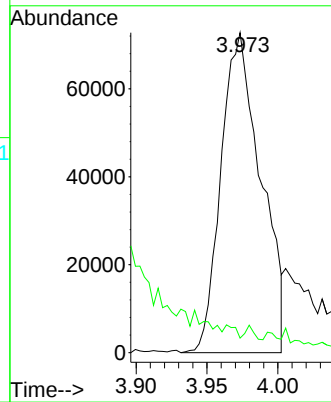
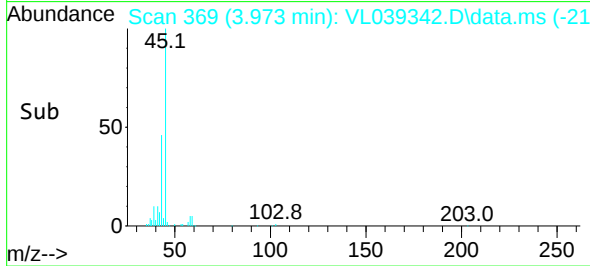
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ClientSampleId :
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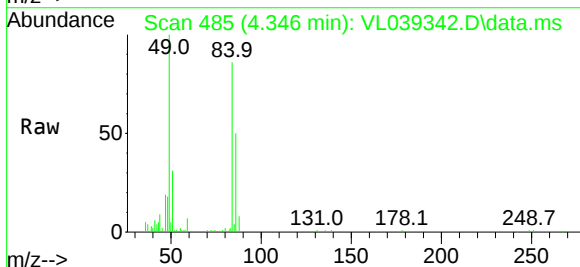
Tgt Ion: 45 Resp: 142415
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

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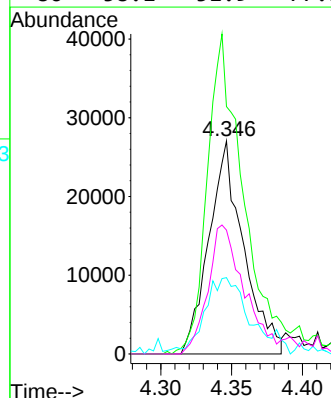
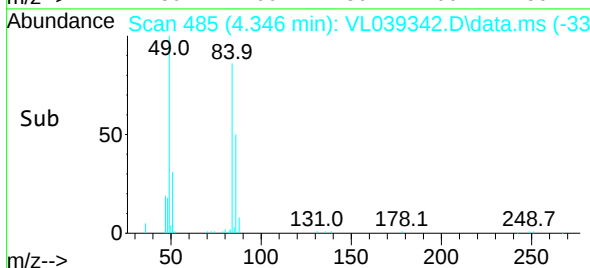
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

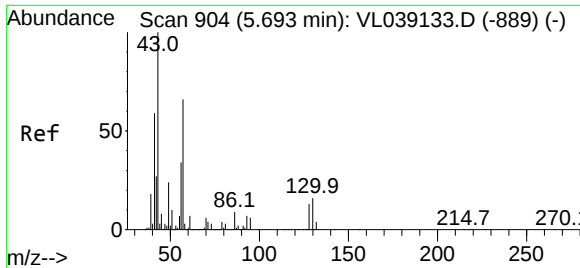


#20
Methylene Chloride
Concen: 0.857 ppbv
RT: 4.346 min Scan# 485
Delta R.T. -0.006 min
Lab File: VL039342.D
Acq: 24 Jun 2022 15:42



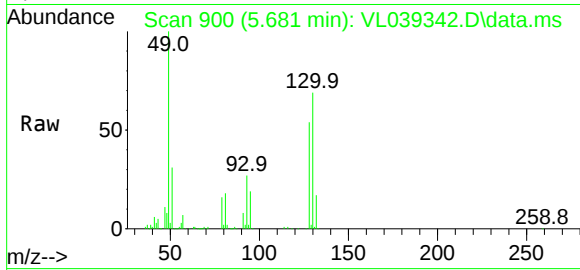
Tgt Ion: 84 Resp: 45919
Ion Ratio Lower Upper
84 100
49 113.5 111.1 166.7
51 33.5 35.3 52.9#
86 58.1 51.9 77.9





#26
Hexane
Concen: 0.310 ppbv m
RT: 5.681 min Scan# 904
Delta R.T. -0.013 min
Lab File: VL039342.D
Acq: 24 Jun 2022 15:42

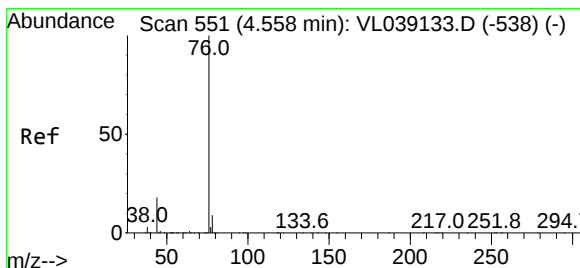
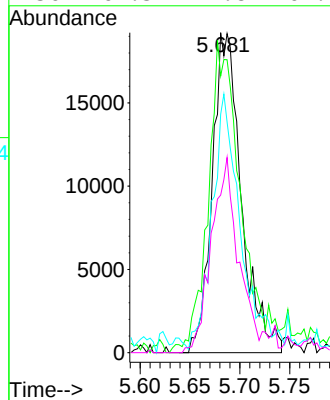
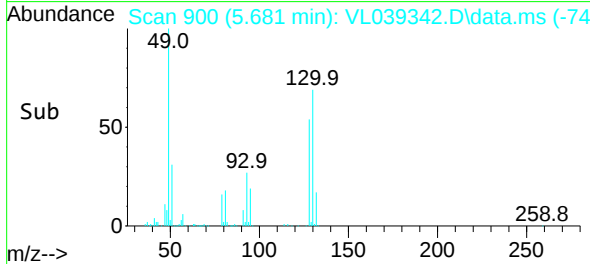
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ClientSampleId :
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Tgt Ion: 57 Resp: 3906
Ion Ratio Lower Upper
57 100
41 0.0 72.4 108.6
43 78.8 187.0 280.6
56 64.5 41.8 62.6

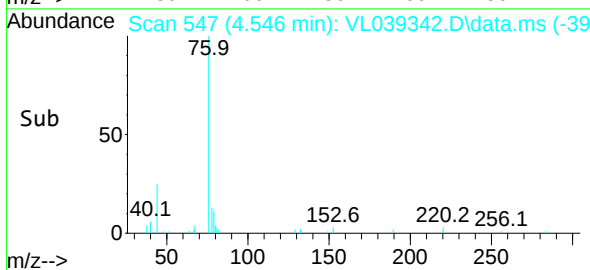
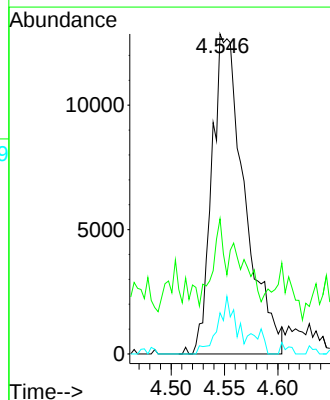
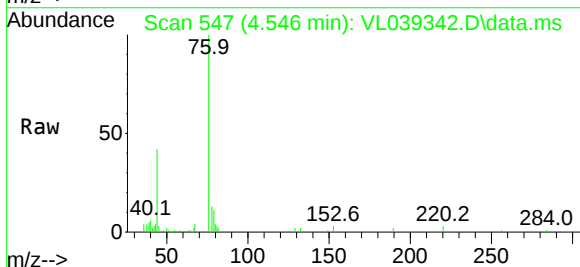
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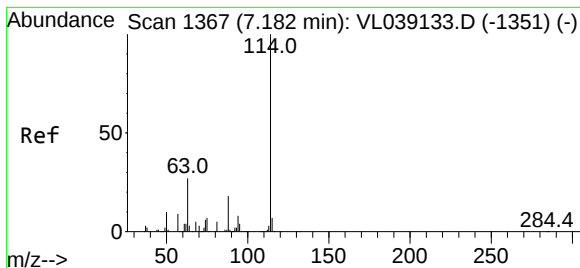
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#27
Carbon Disulfide
Concen: 0.210 ppbv m
RT: 4.546 min Scan# 547
Delta R.T. -0.013 min
Lab File: VL039342.D
Acq: 24 Jun 2022 15:42

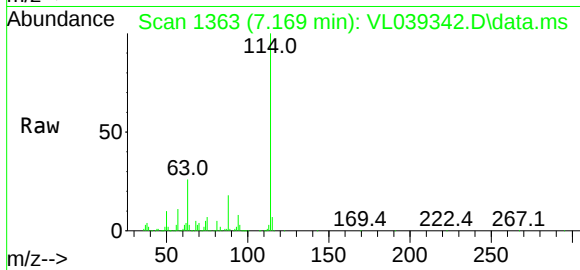
Tgt Ion: 76 Resp: 27394
Ion Ratio Lower Upper
76 100
44 0.0 14.4 21.6
78 12.8 7.7 11.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL039342.D
Acq: 24 Jun 2022 15:42

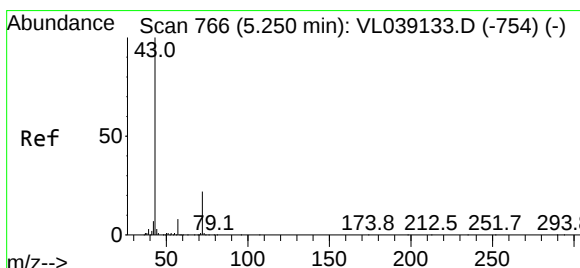
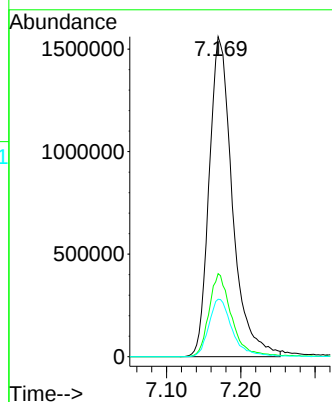
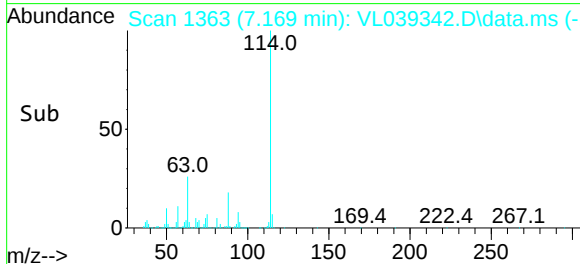
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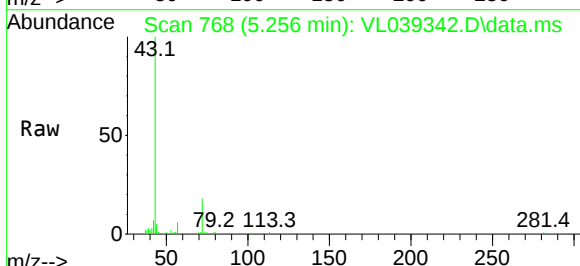
Tgt Ion:114 Resp: 3393019
Ion Ratio Lower Upper
114 100
63 25.6 21.7 32.5
88 18.2 14.8 22.2

Manual Integrations
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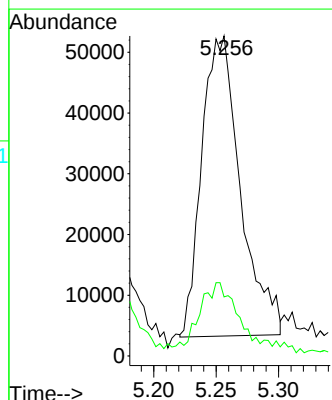
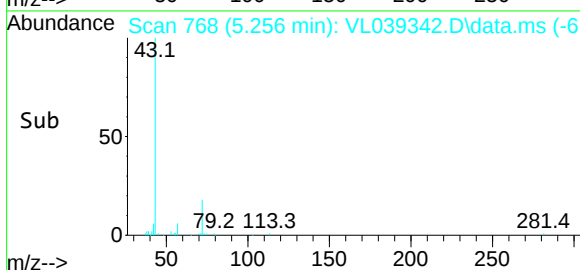
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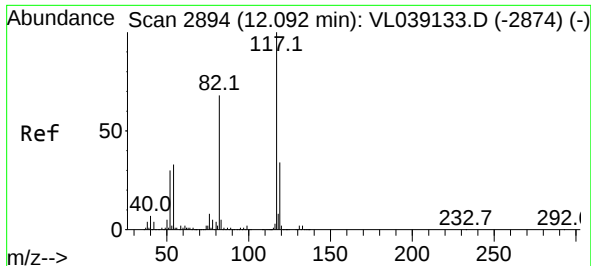


#34
2-Butanone
Concen: 0.580 ppbv
RT: 5.256 min Scan# 768
Delta R.T. 0.007 min
Lab File: VL039342.D
Acq: 24 Jun 2022 15:42



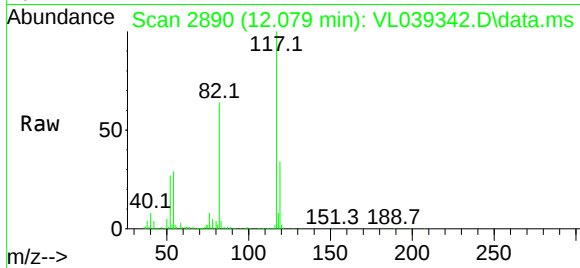
Tgt Ion: 43 Resp: 106887
Ion Ratio Lower Upper
43 100
72 30.7 18.2 27.2#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2894
Delta R.T. -0.013 min
Lab File: VL039342.D
Acq: 24 Jun 2022 15:42

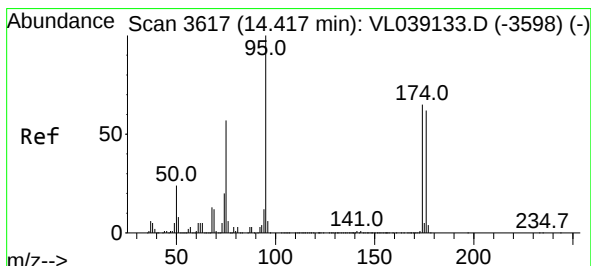
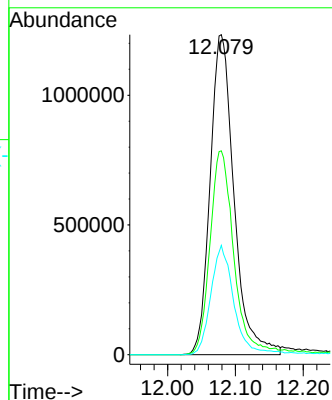
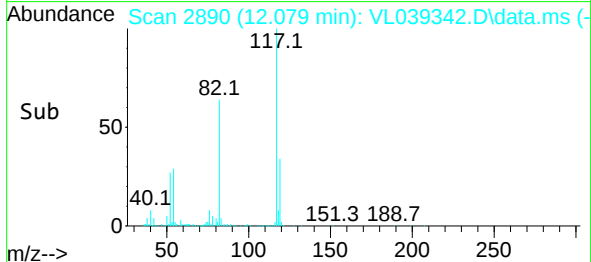
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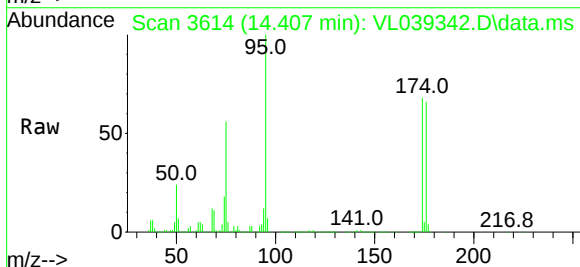
Tgt Ion: 117 Resp: 3017574
Ion Ratio Lower Upper
117 100
82 66.4 55.1 82.7
119 34.0 24.7 37.1

Manual Integrations
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Supervised By :Mahesh Dadoda 06/30/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 8.904 ppbv
RT: 14.407 min Scan# 3614
Delta R.T. -0.010 min
Lab File: VL039342.D
Acq: 24 Jun 2022 15:42



Tgt Ion: 95 Resp: 2221190
Ion Ratio Lower Upper
95 100
174 71.7 53.8 80.8
175 5.4 4.1 6.1

