

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039387.D
 Acq On : 28 Jun 2022 10:30
 Operator : SY/AP
 Sample : N3508-04DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-7-20220624DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 29 06:05:27 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.655	49	1038125	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.160	114	2889655	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.066	117	2463922	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	1875111	9.205	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.100%
Target Compounds						
					Qvalue	
9) Propene	3.005	41	62784m	1.090	ppbv	
13) Ethanol	3.600	45	15465m	4.924	ppbv	
15) Acetone	3.841	43	1525656	14.108	ppbv	99
19) Isopropyl Alcohol	3.970	45	53799	1.061	ppbv #	93
20) Methylene Chloride	4.333	84	40936m	0.898	ppbv	
26) Hexane	5.674	57	45816	0.428	ppbv #	35
34) 2-Butanone	5.246	43	98228m	0.626	ppbv	

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

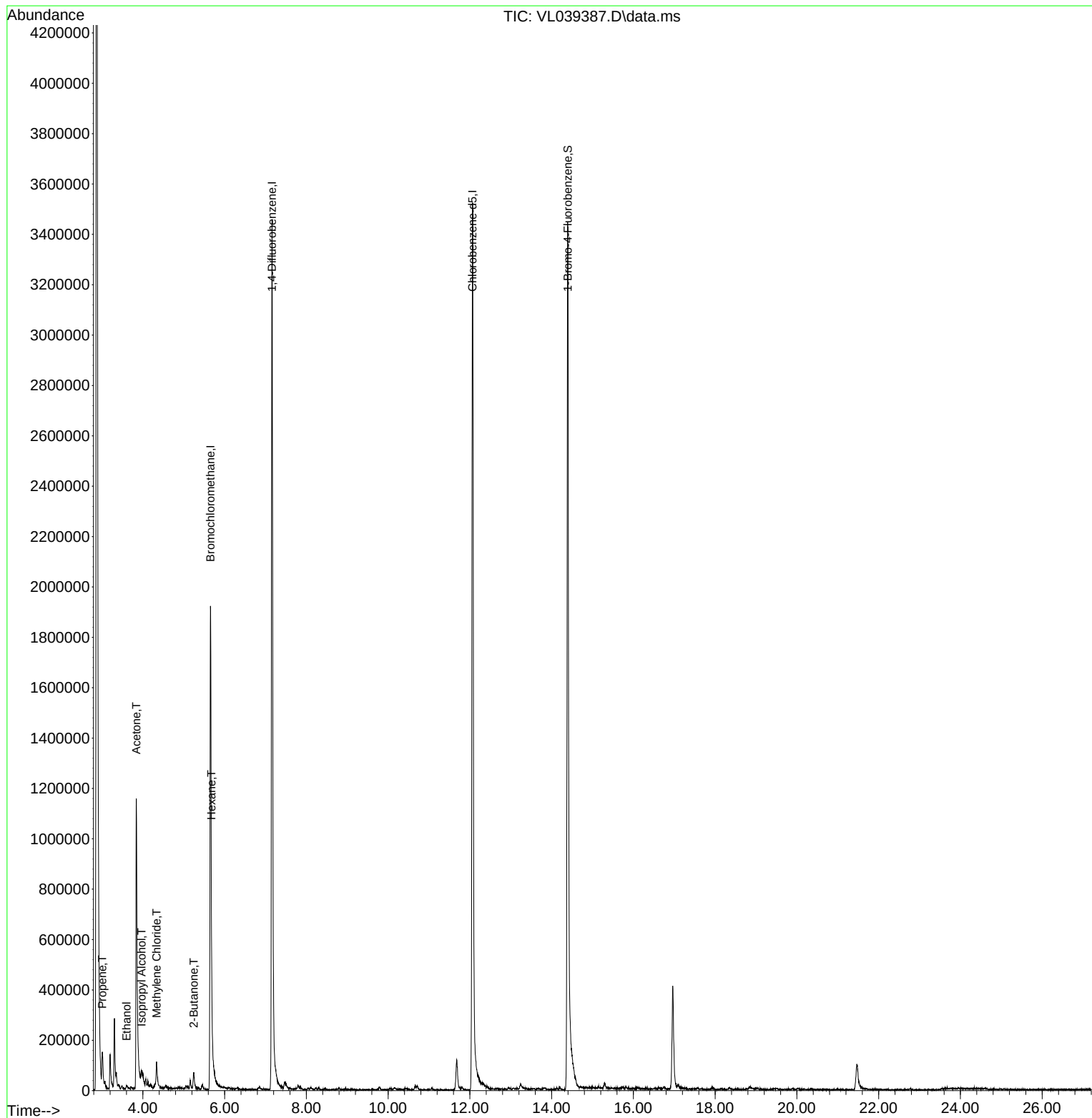
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
Data File : VL039387.D
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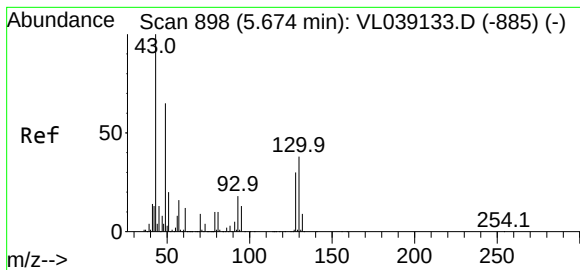
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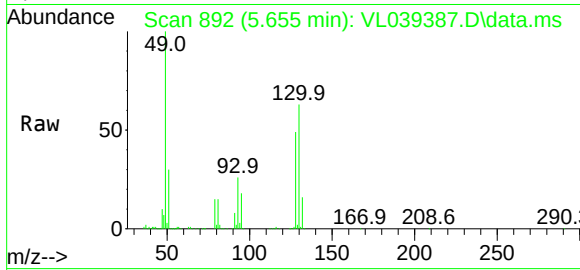
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 89
Delta R.T. -0.019 min
Lab File: VL039387.D
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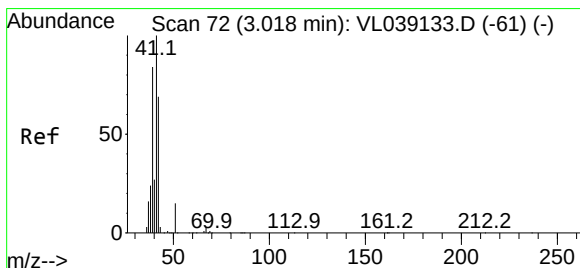
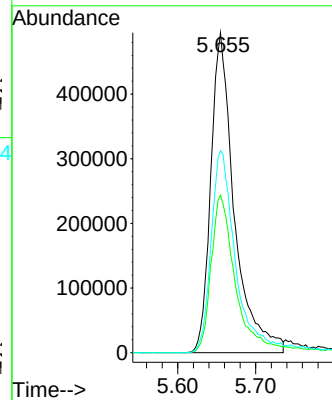
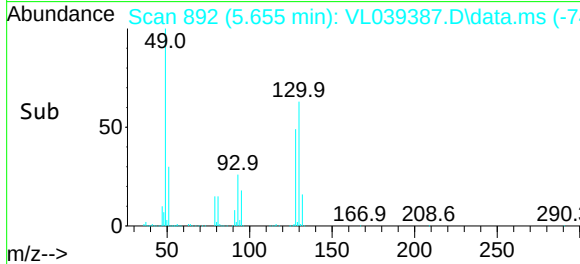
Instrument :
MSVOA_L
ClientSampleId :
SV-7-20220624DL



Tgt Ion: 49 Resp: 103812
Ion Ratio Lower Upper
49 100
128 53.8 24.7 74.1
130 70.4 31.4 94.0

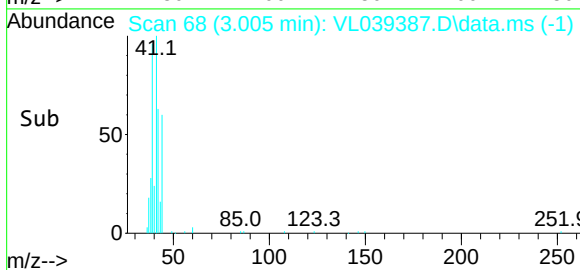
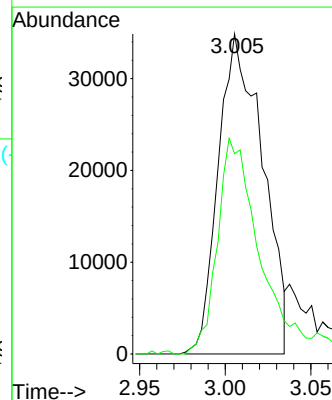
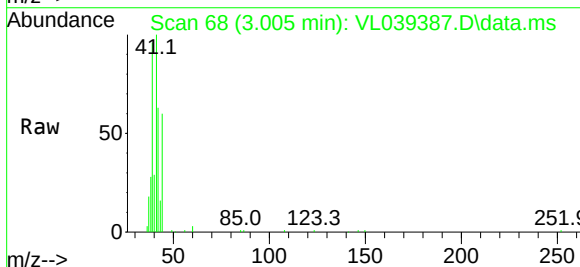
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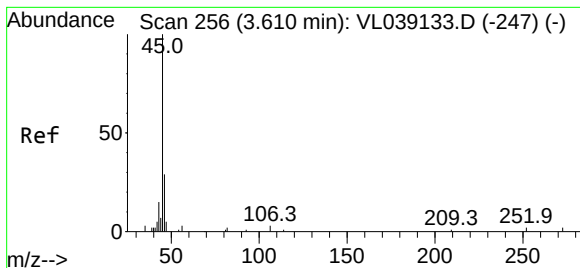
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 1.090 ppbv m
RT: 3.005 min Scan# 68
Delta R.T. -0.013 min
Lab File: VL039387.D
Acq: 28 Jun 2022 10:30

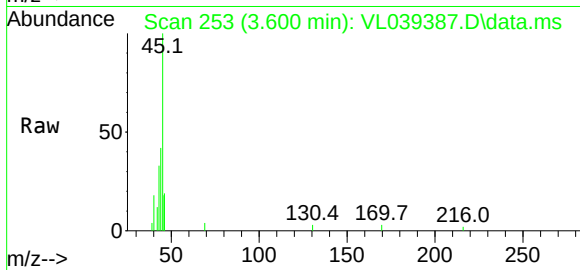
Tgt Ion: 41 Resp: 62784
Ion Ratio Lower Upper
41 100
42 68.2 55.4 83.2





#13
Ethanol
Concen: 4.924 ppbv m
RT: 3.600 min Scan# 214
Delta R.T. -0.010 min
Lab File: VL039387.D
Acq: 28 Jun 2022 10:30

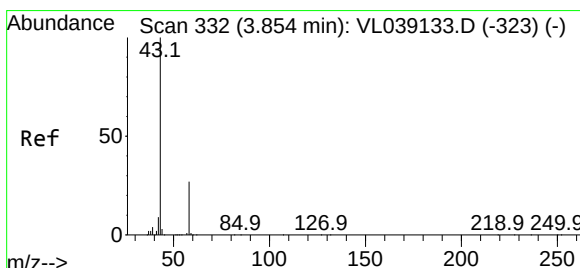
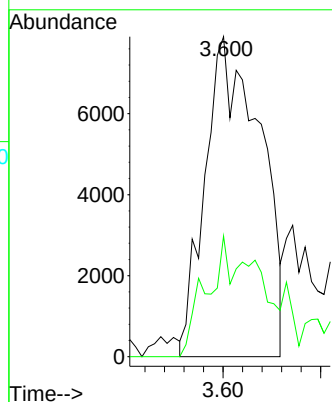
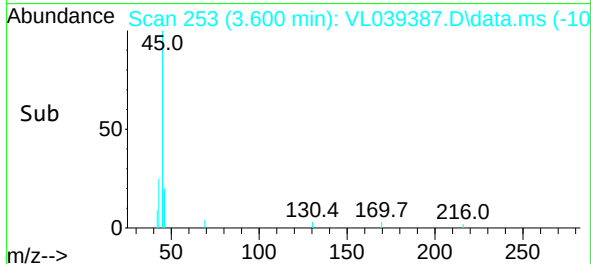
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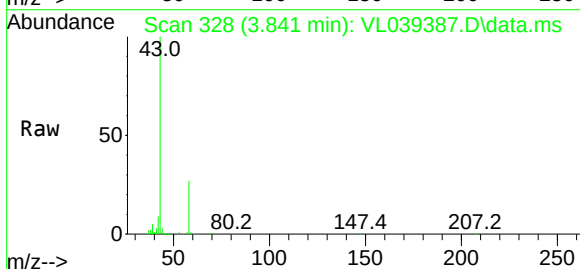
Tgt Ion: 45 Resp: 1546
Ion Ratio Lower Upper
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46 38.7 0.0 0.0

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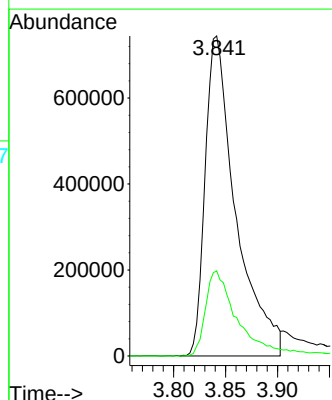
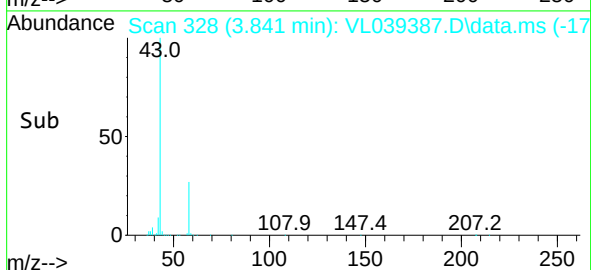
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Supervised By :Mahesh Dadoda 06/30/2022

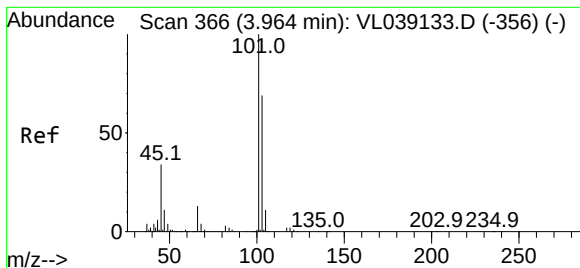


#15
Acetone
Concen: 14.108 ppbv
RT: 3.841 min Scan# 328
Delta R.T. -0.013 min
Lab File: VL039387.D
Acq: 28 Jun 2022 10:30



Tgt Ion: 43 Resp: 1525656
Ion Ratio Lower Upper
43 100
58 28.7 22.5 33.7





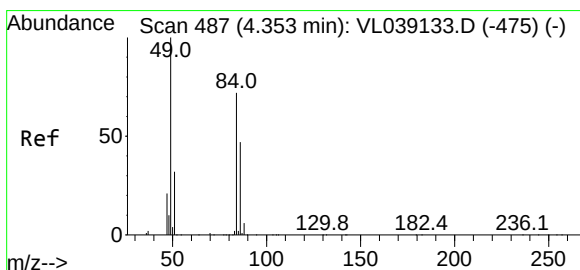
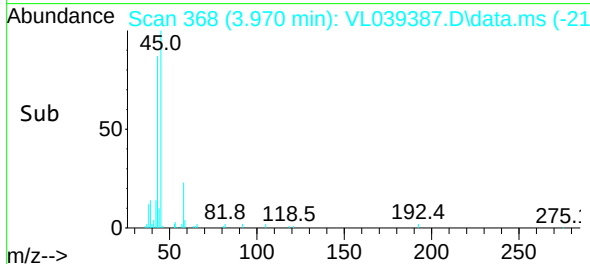
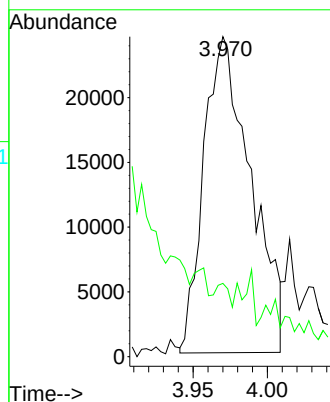
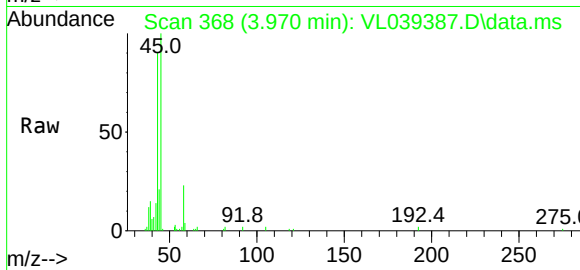
#19
Isopropyl Alcohol
Concen: 1.061 ppbv
RT: 3.970 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL039387.D
Acq: 28 Jun 2022 10:30

Instrument :
MSVOA_L
ClientSampleId :
SV-7-20220624DL

Tgt Ion: 45 Resp: 5379
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

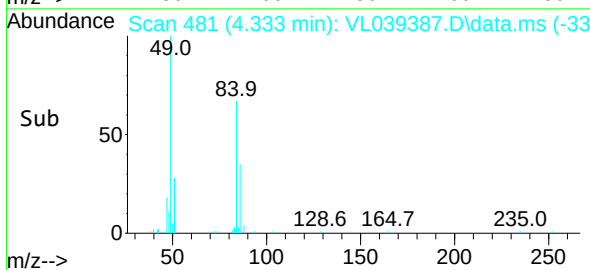
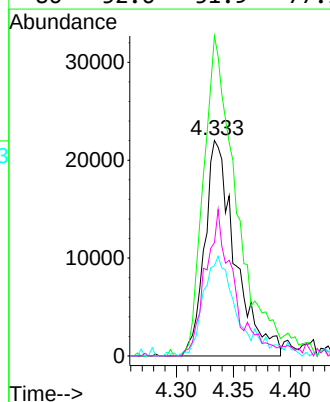
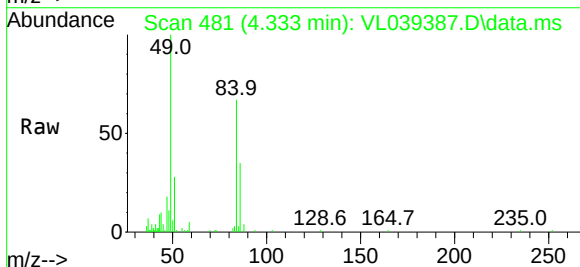
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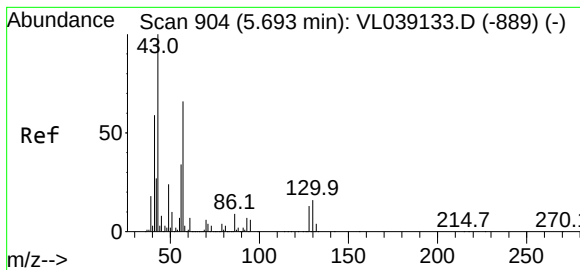
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 0.898 ppbv m
RT: 4.333 min Scan# 481
Delta R.T. -0.019 min
Lab File: VL039387.D
Acq: 28 Jun 2022 10:30

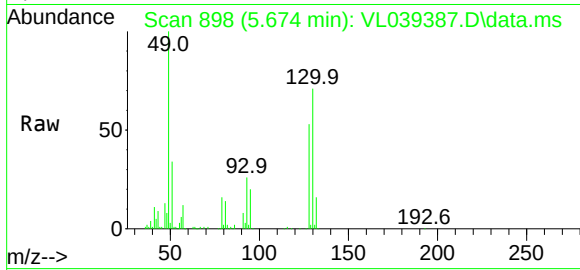
Tgt Ion: 84 Resp: 40936
Ion Ratio Lower Upper
84 100
49 148.5 111.1 166.7
51 41.9 35.3 52.9
86 52.6 51.9 77.9





#26
Hexane
Concen: 0.428 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.019 min
Lab File: VL039387.D
Acq: 28 Jun 2022 10:30

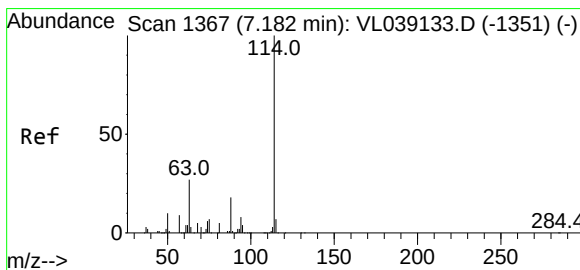
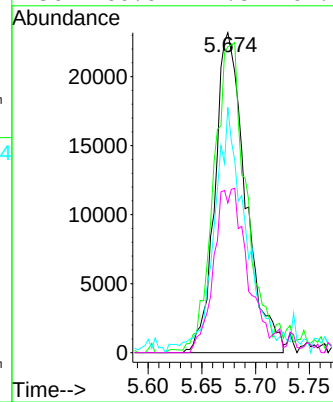
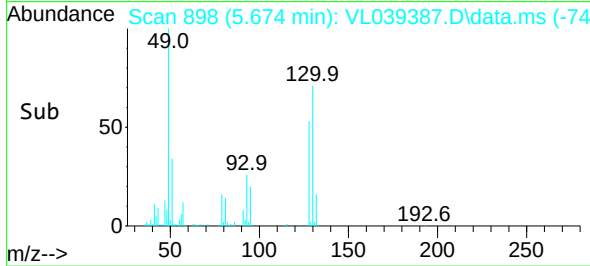
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Tgt Ion: 57 Resp: 45810
Ion Ratio Lower Upper
57 100
41 106.7 72.4 108.6
43 74.4 187.0 280.6
56 60.6 41.8 62.6

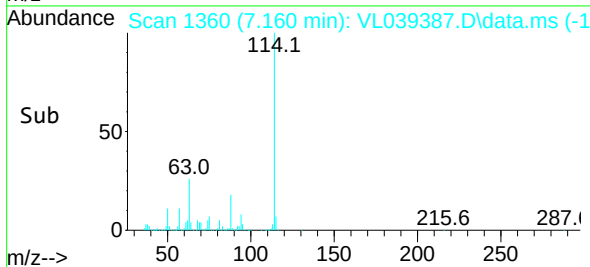
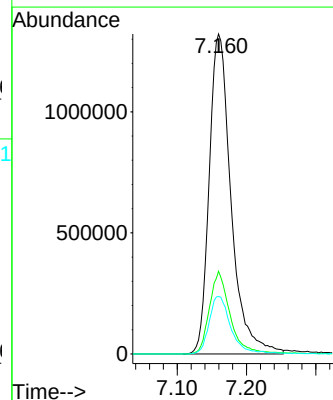
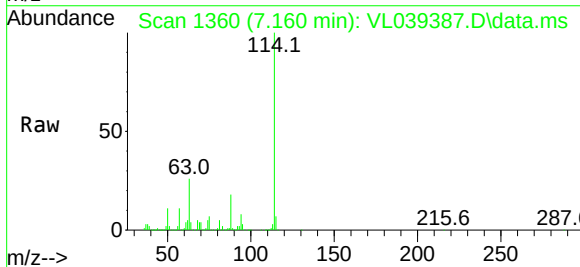
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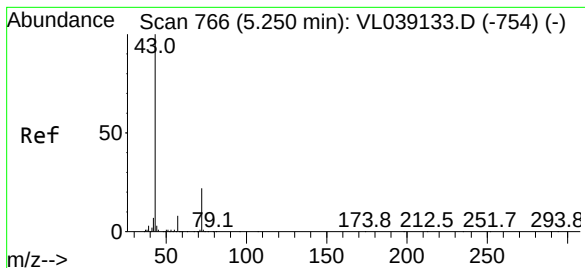
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. -0.022 min
Lab File: VL039387.D
Acq: 28 Jun 2022 10:30

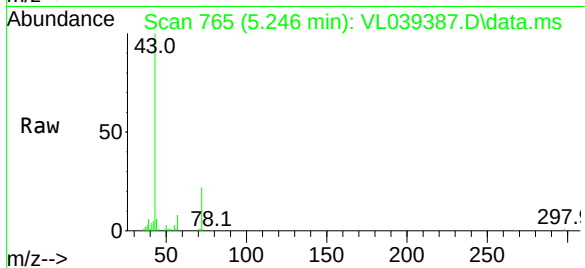
Tgt Ion:114 Resp: 2889655
Ion Ratio Lower Upper
114 100
63 24.9 21.7 32.5
88 18.1 14.8 22.2





#34
2-Butanone
Concen: 0.626 ppbv m
RT: 5.246 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL039387.D
Acq: 28 Jun 2022 10:30

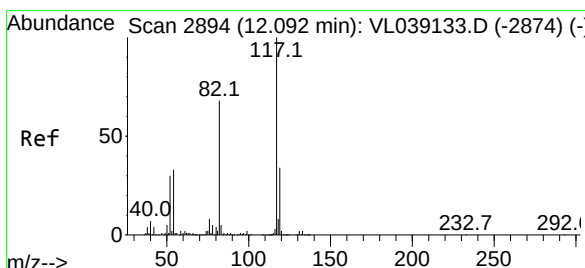
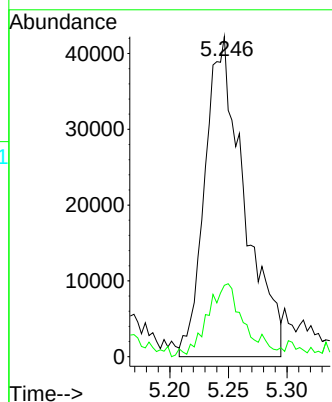
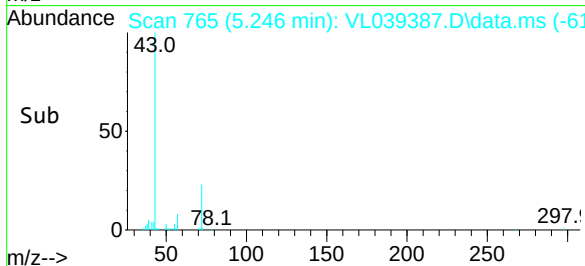
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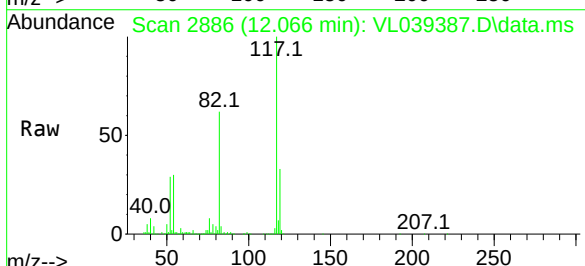
Tgt Ion: 43 Resp: 98228
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2

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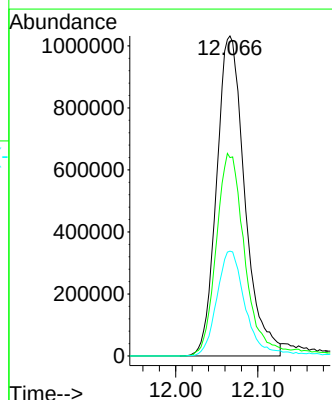
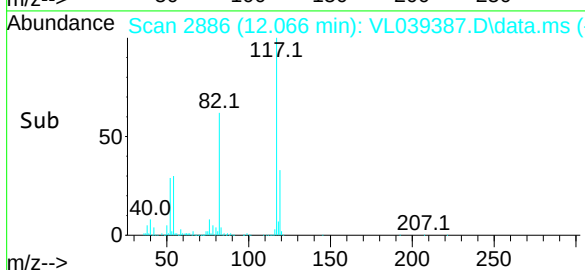
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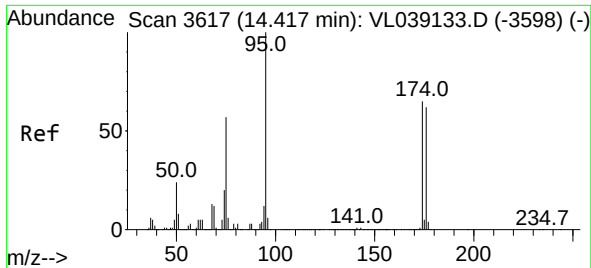


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.026 min
Lab File: VL039387.D
Acq: 28 Jun 2022 10:30



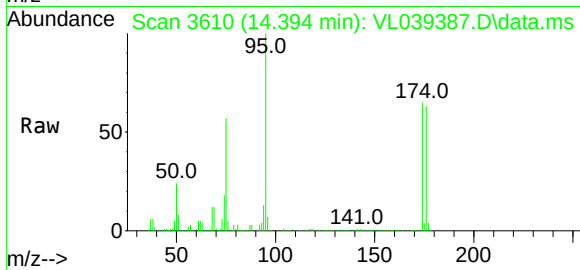
Tgt Ion:117 Resp: 2463922
Ion Ratio Lower Upper
117 100
82 67.3 55.1 82.7
119 34.6 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.205 ppbv
 RT: 14.394 min Scan# 30
 Delta R.T. -0.023 min
 Lab File: VL039387.D
 Acq: 28 Jun 2022 10:30

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-7-20220624DL



Tgt Ion: 95 Resp: 187511
 Ion Ratio Lower Upper
 95 100
 174 70.4 53.8 80.8
 175 5.1 4.1 6.1

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