

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
 Data File : VL039346.D
 Acq On : 24 Jun 2022 18:22
 Operator : SY/AP
 Sample : N3489-04 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3-20220622DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 01:52:12 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 27 01:52:12 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	1234492	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	3398848	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3006396	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2270166	9.134	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.300%
Target Compounds						
2) Dichlorodifluoromethane	3.047	85	30105m	0.139	ppbv	Qvalue
9) Propene	3.015	41	130080	1.899	ppbv	89
13) Ethanol	3.597	45	33205m	8.890	ppbv	
15) Acetone	3.841	43	3714694	28.887	ppbv	98
17) tert-Butyl alcohol	4.292	59	29679m	0.298	ppbv	
19) Isopropyl Alcohol	3.964	45	304556	5.049	ppbv #	93
20) Methylene Chloride	4.346	84	28990m	0.535	ppbv	
26) Hexane	5.681	57	25219m	0.198	ppbv	
29) Chloroform	5.748	83	39916	0.186	ppbv	90
34) 2-Butanone	5.243	43	301555	1.633	ppbv	97

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

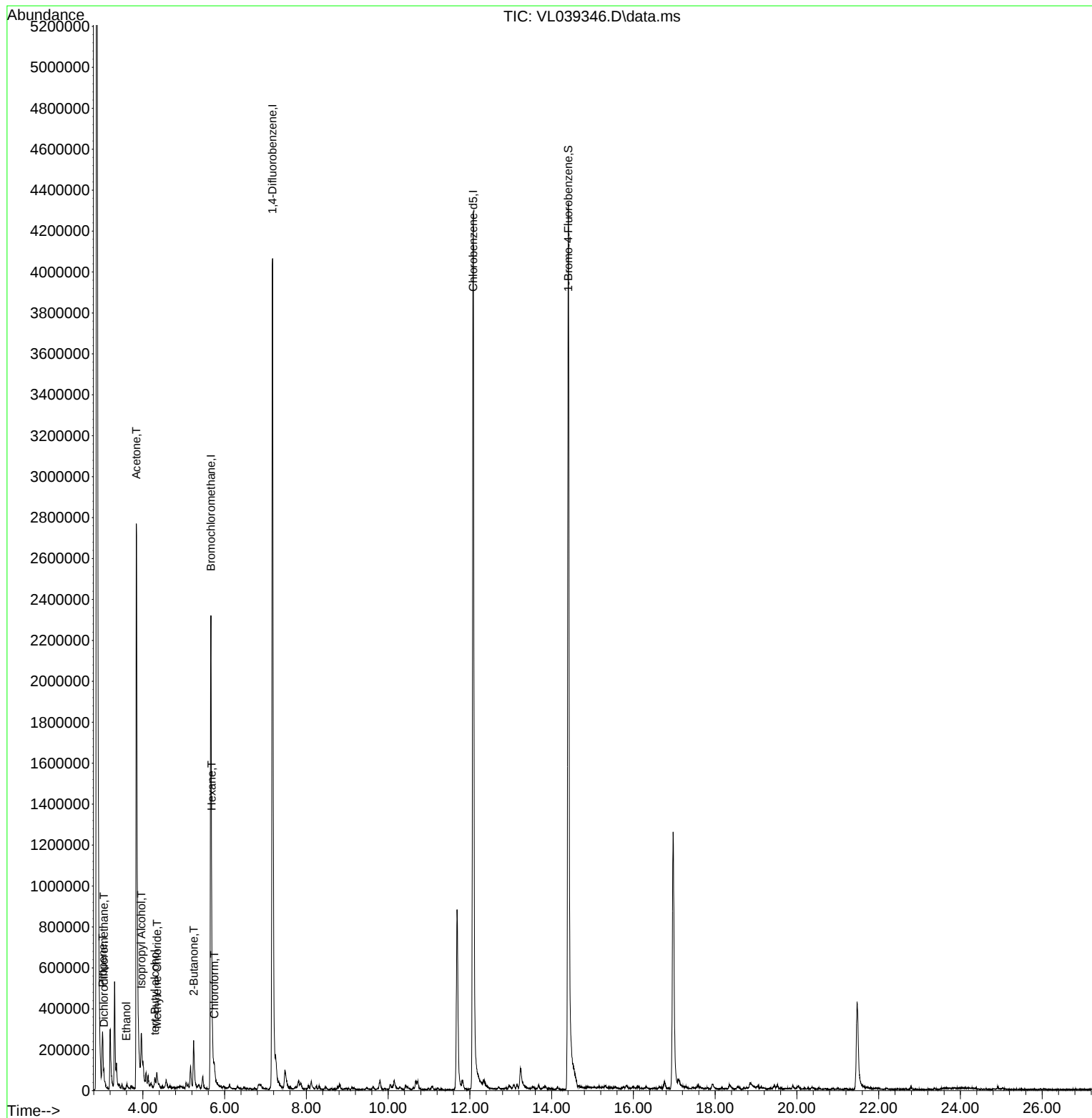
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
Data File : VL039346.D
Acq On : 24 Jun 2022 18:22
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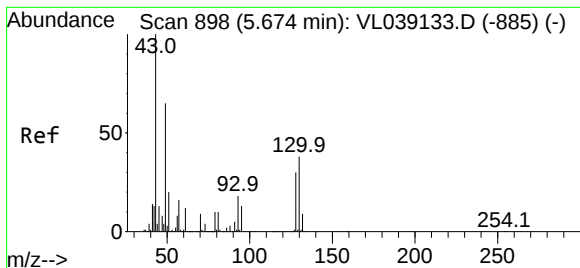
Instrument :
MSVOA_L
ClientSampleId :
SV-3-20220622DL

Quant Time: Jun 27 01:52:12 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
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QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

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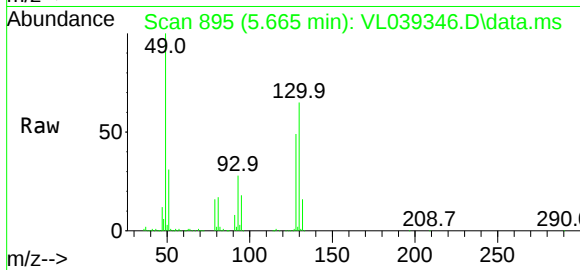
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 89
Delta R.T. -0.010 min
Lab File: VL039346.D
Acq: 24 Jun 2022 18:22

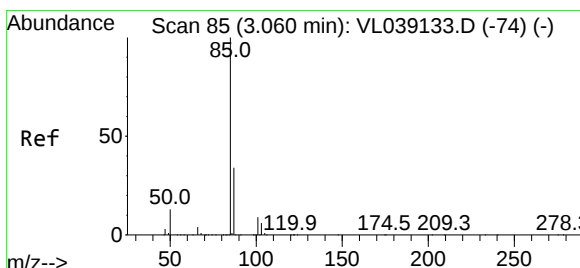
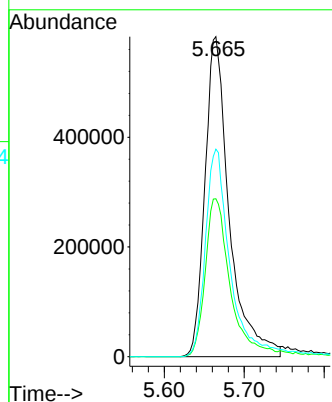
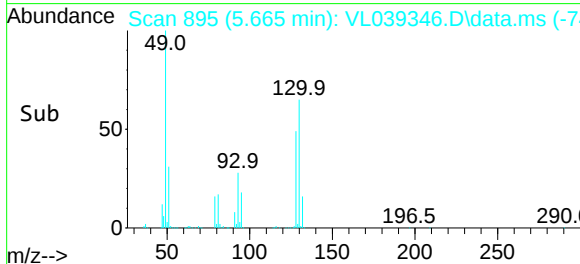
Instrument :
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ClientSampleId :
SV-3-20220622DL



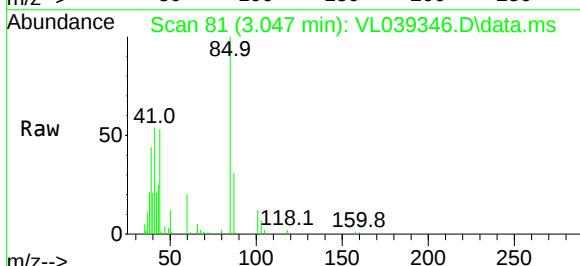
Tgt Ion: 49 Resp: 123449
Ion Ratio Lower Upper
49 100
128 52.5 24.7 74.1
130 68.0 31.4 94.0

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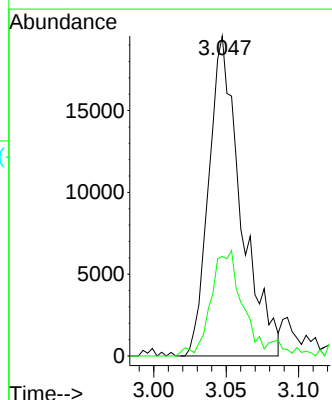
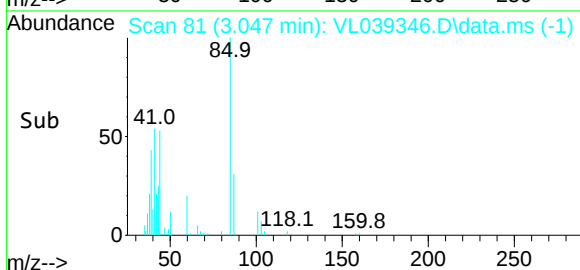
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

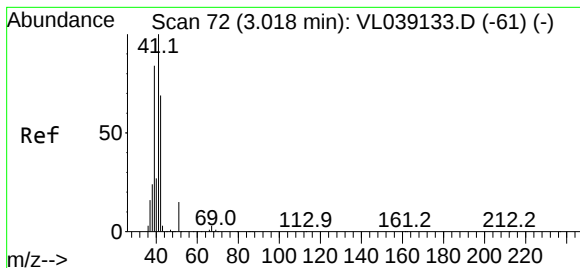


#2
Dichlorodifluoromethane
Concen: 0.139 ppbv m
RT: 3.047 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL039346.D
Acq: 24 Jun 2022 18:22



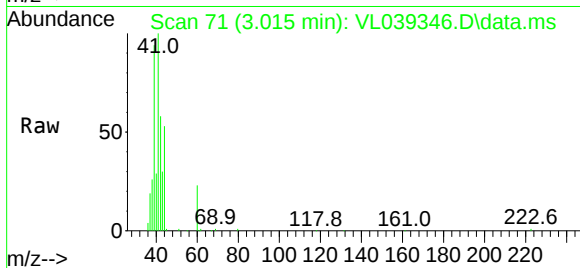
Tgt Ion: 85 Resp: 30105
Ion Ratio Lower Upper
85 100
87 31.1 26.9 40.3





#9
 Propene
 Concen: 1.899 ppbv
 RT: 3.015 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL039346.D
 Acq: 24 Jun 2022 18:22

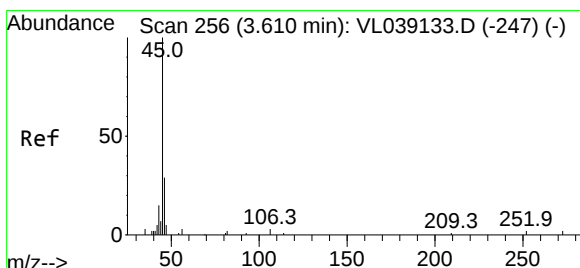
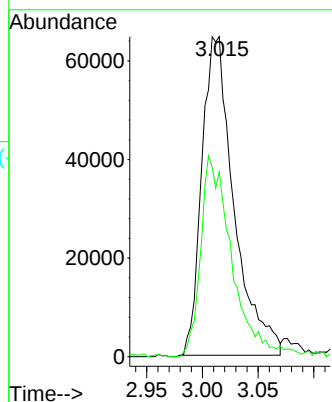
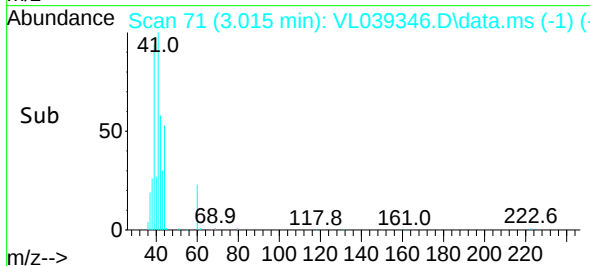
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Tgt Ion: 41 Resp: 130080
 Ion Ratio Lower Upper
 41 100
 42 60.1 55.4 83.2

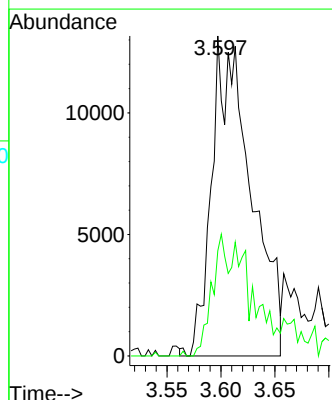
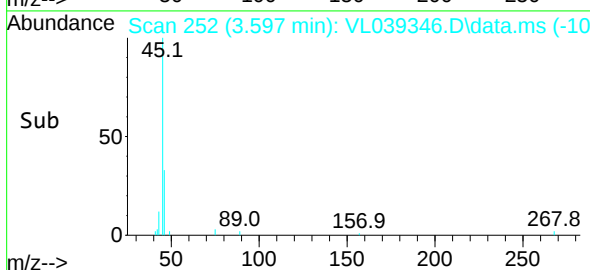
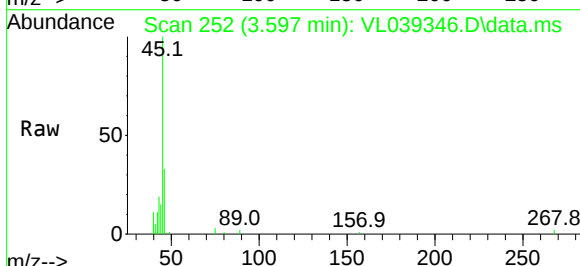
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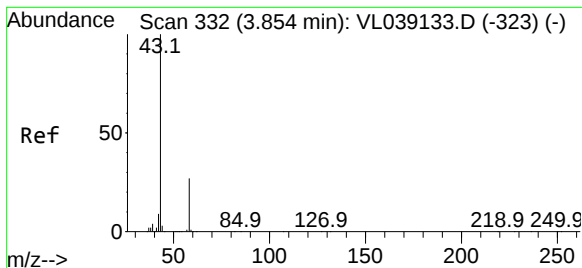
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#13
 Ethanol
 Concen: 8.890 ppbv m
 RT: 3.597 min Scan# 252
 Delta R.T. -0.013 min
 Lab File: VL039346.D
 Acq: 24 Jun 2022 18:22

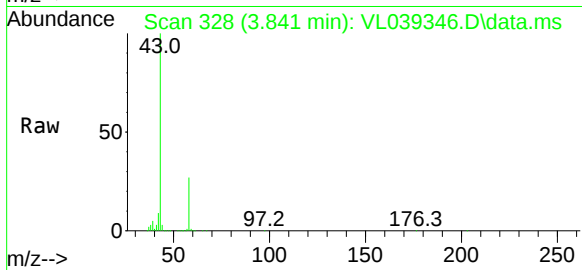
Tgt Ion: 45 Resp: 33205
 Ion Ratio Lower Upper
 45 100
 46 45.5 0.0 0.0#





#15
Acetone
Concen: 28.887 ppbv
RT: 3.841 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039346.D
Acq: 24 Jun 2022 18:22

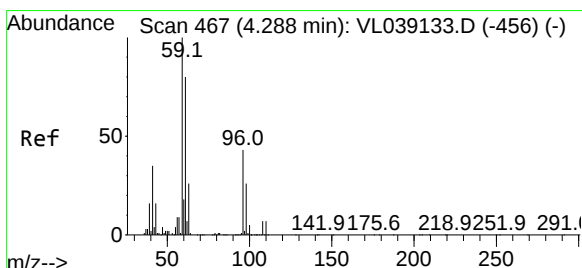
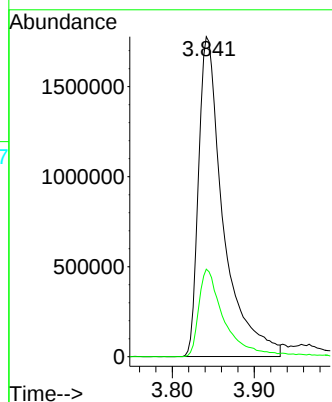
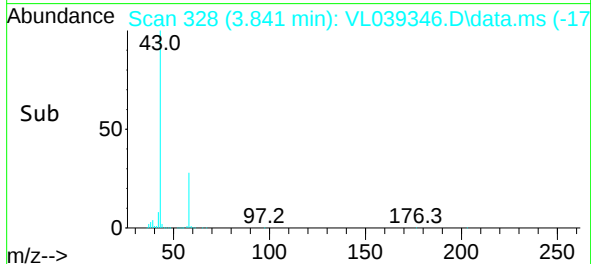
Instrument :
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Tgt Ion: 43 Resp: 3714694
Ion Ratio Lower Upper
43 100
58 29.2 22.5 33.7

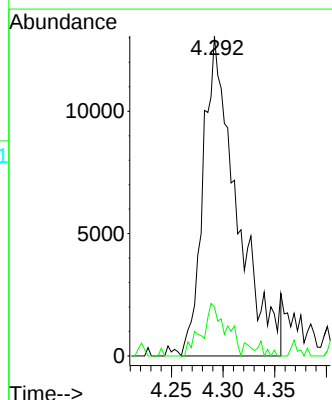
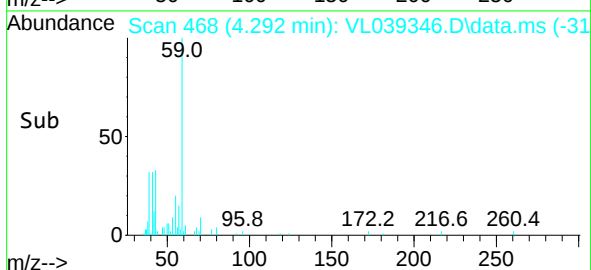
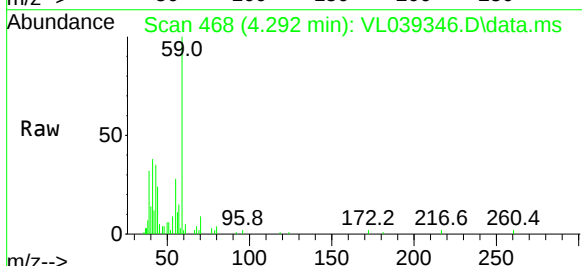
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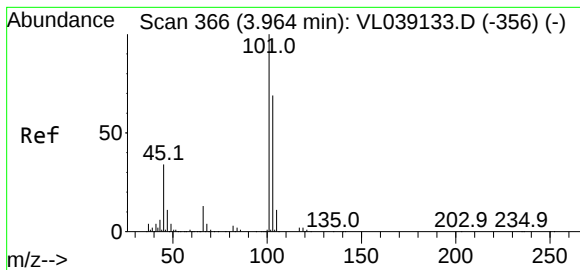
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#17
tert-Butyl alcohol
Concen: 0.298 ppbv m
RT: 4.292 min Scan# 468
Delta R.T. 0.003 min
Lab File: VL039346.D
Acq: 24 Jun 2022 18:22

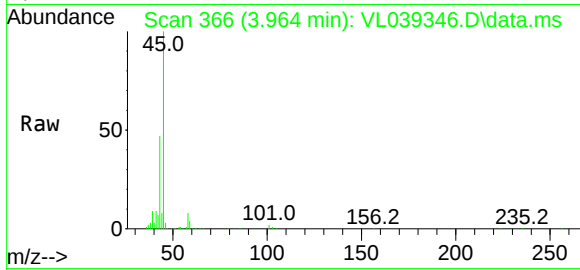
Tgt Ion: 59 Resp: 29679
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.7#





#19
Isopropyl Alcohol
Concen: 5.049 ppbv
RT: 3.964 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL039346.D
Acq: 24 Jun 2022 18:22

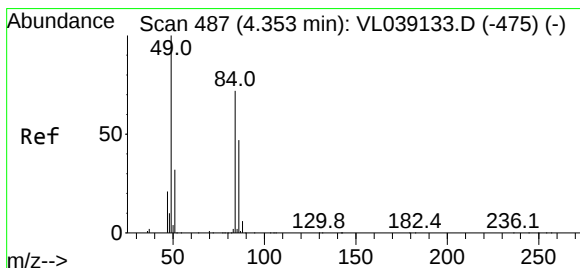
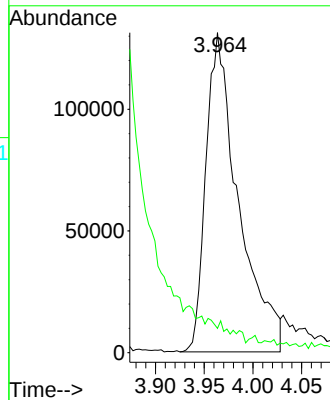
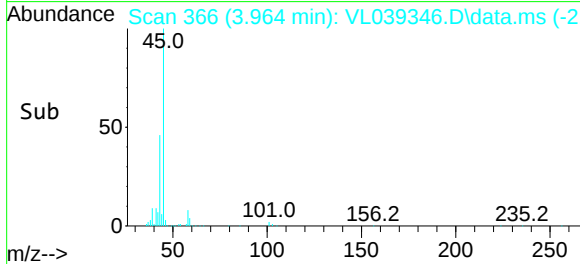
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ClientSampleId :
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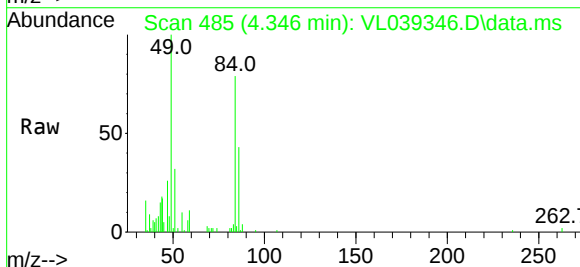
Tgt Ion: 45 Resp: 304550
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

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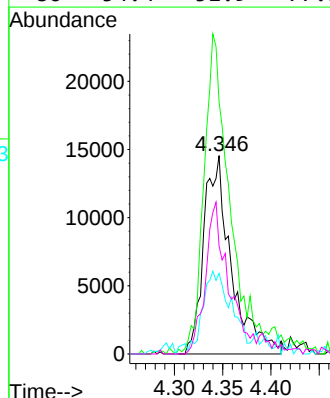
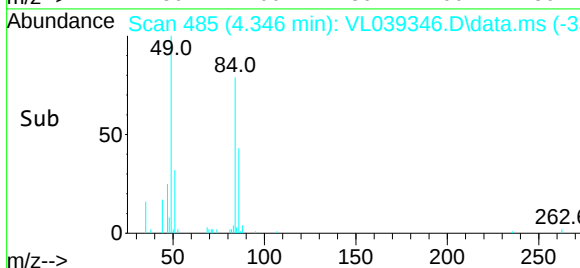
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

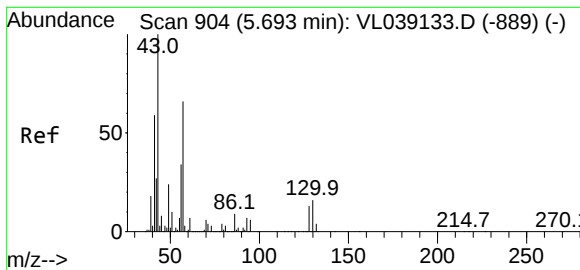


#20
Methylene Chloride
Concen: 0.535 ppbv m
RT: 4.346 min Scan# 485
Delta R.T. -0.006 min
Lab File: VL039346.D
Acq: 24 Jun 2022 18:22



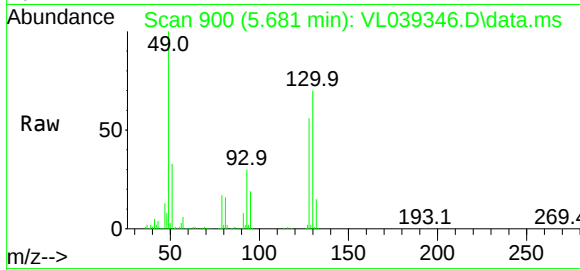
Tgt Ion: 84 Resp: 28990
Ion Ratio Lower Upper
84 100
49 127.0 111.1 166.7
51 40.6 35.3 52.9
86 54.4 51.9 77.9





#26
Hexane
Concen: 0.198 ppbv m
RT: 5.681 min Scan# 904
Delta R.T. -0.013 min
Lab File: VL039346.D
Acq: 24 Jun 2022 18:22

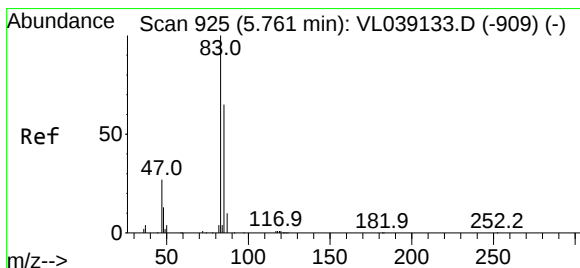
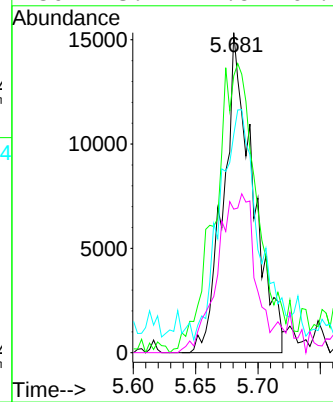
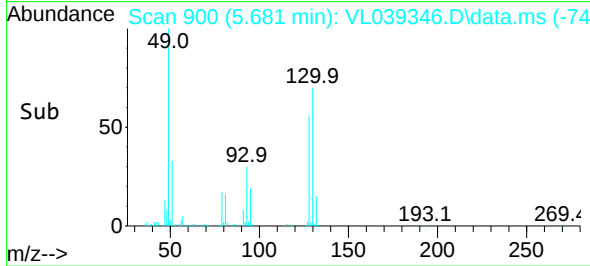
Instrument :
MSVOA_L
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SV-3-20220622DL



Tgt Ion: 57 Resp: 25219
Ion Ratio Lower Upper
57 100
41 139.1 72.4 108.6
43 99.9 187.0 280.6
56 73.7 41.8 62.6

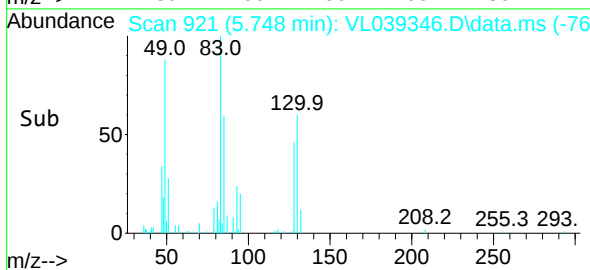
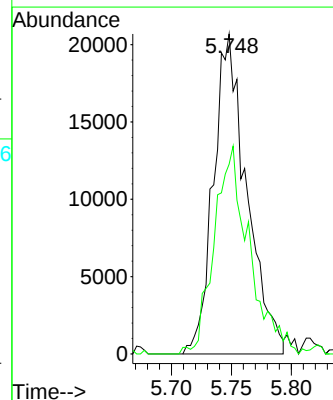
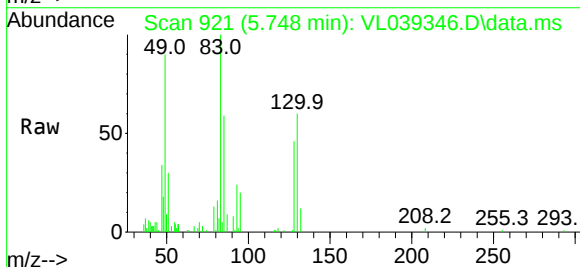
Manual Integrations
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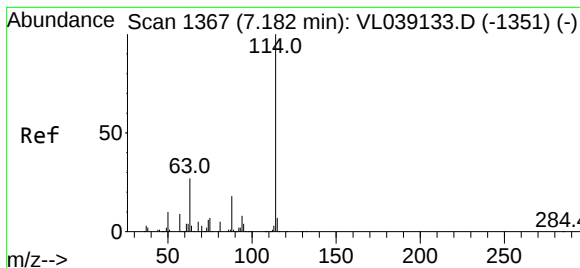
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#29
Chloroform
Concen: 0.186 ppbv
RT: 5.748 min Scan# 921
Delta R.T. -0.013 min
Lab File: VL039346.D
Acq: 24 Jun 2022 18:22

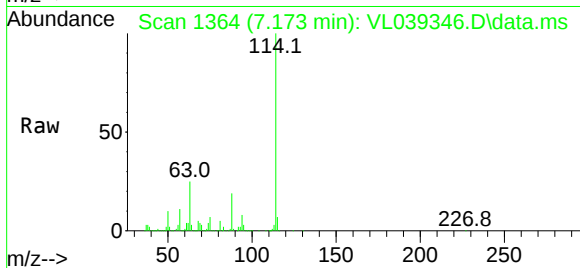
Tgt Ion: 83 Resp: 39916
Ion Ratio Lower Upper
83 100
85 57.2 52.4 78.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.173 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL039346.D
Acq: 24 Jun 2022 18:22

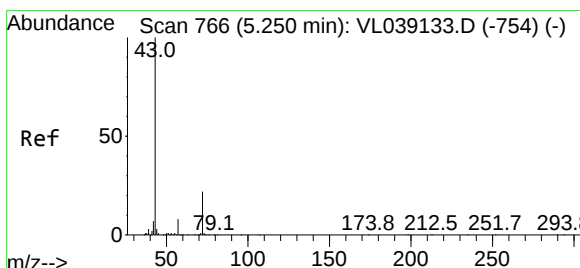
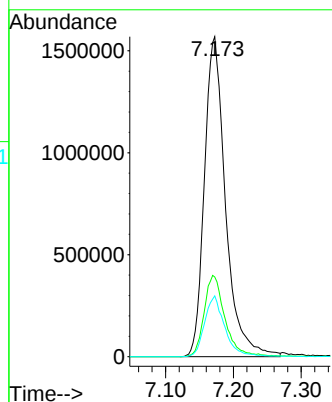
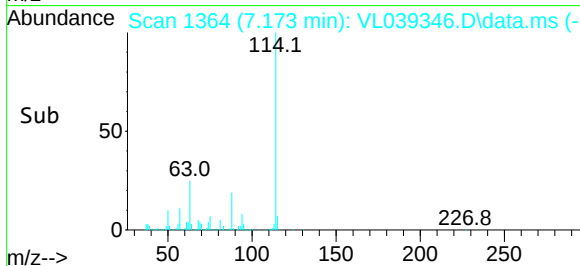
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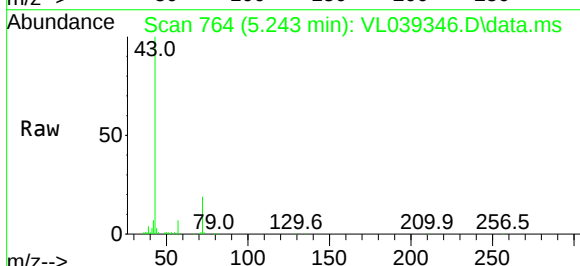
Tgt Ion:114 Resp: 3398844
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.3 14.8 22.2

Manual Integrations
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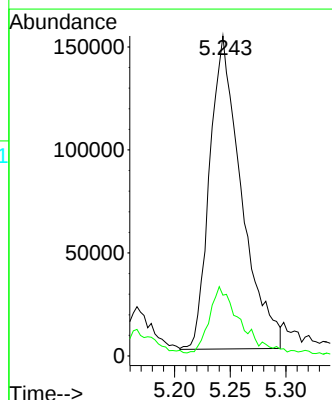
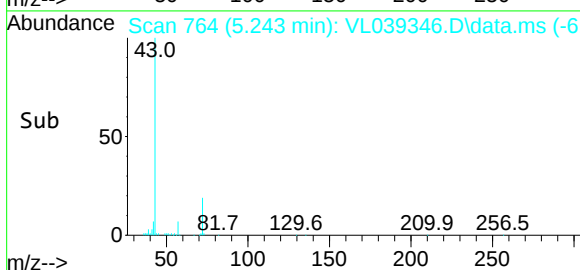
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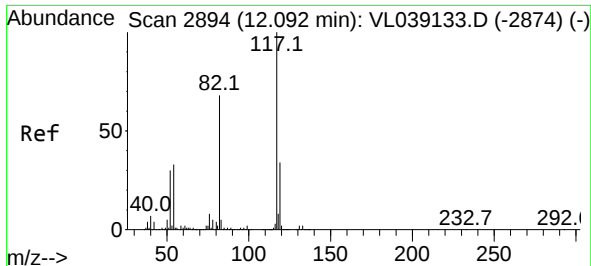


#34
2-Butanone
Concen: 1.633 ppbv
RT: 5.243 min Scan# 764
Delta R.T. -0.006 min
Lab File: VL039346.D
Acq: 24 Jun 2022 18:22



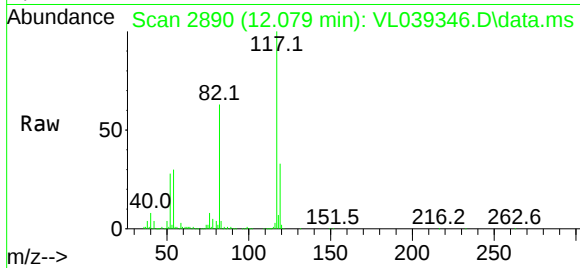
Tgt Ion: 43 Resp: 301555
Ion Ratio Lower Upper
43 100
72 24.2 18.2 27.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039346.D
Acq: 24 Jun 2022 18:22

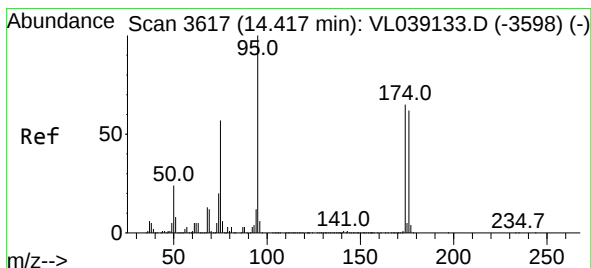
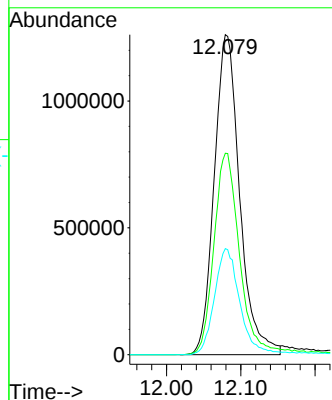
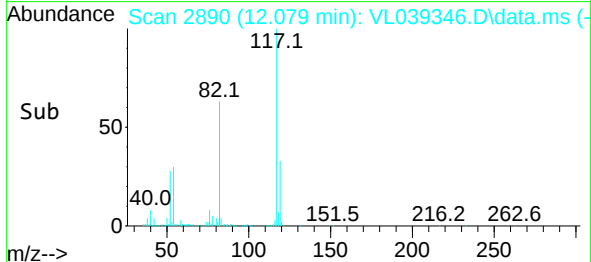
Instrument :
MSVOA_L
ClientSampleId :
SV-3-20220622DL



Tgt Ion: 117 Resp: 3006390
Ion Ratio Lower Upper
117 100
82 65.6 55.1 82.7
119 33.2 24.7 37.1

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



#68
1-Bromo-4-Fluorobenzene
Concen: 9.134 ppbv
RT: 14.407 min Scan# 3614
Delta R.T. -0.010 min
Lab File: VL039346.D
Acq: 24 Jun 2022 18:22

Tgt Ion: 95 Resp: 2270166
Ion Ratio Lower Upper
95 100
174 70.3 53.8 80.8
175 5.1 4.1 6.1

