

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039853.D
 Acq On : 9 Nov 2022 18:13
 Operator : SY/AP
 Sample : N5527-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10596-LIVING-ROOMDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 10 03:50:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	989158	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.629	114	2495281	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.433	117	2229965	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1743588	10.446	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 104.500%	
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.681	51	2310731	19.595	ppbv	96
9) Propene	2.713	41	91717	1.493	ppbv #	60
13) Ethanol	3.237	45	1496846	344.708	ppbv	92
15) Acetone	3.465	43	1426787	11.850	ppbv	98
19) Isopropyl Alcohol	3.578	45	304776	5.114	ppbv #	1
34) 2-Butanone	4.777	43	121765	1.183	ppbv	92
53) Toluene	9.192	91	130230	0.539	ppbv	100
59) m/p-Xylene	12.314	91	60051m	0.239	ppbv	

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

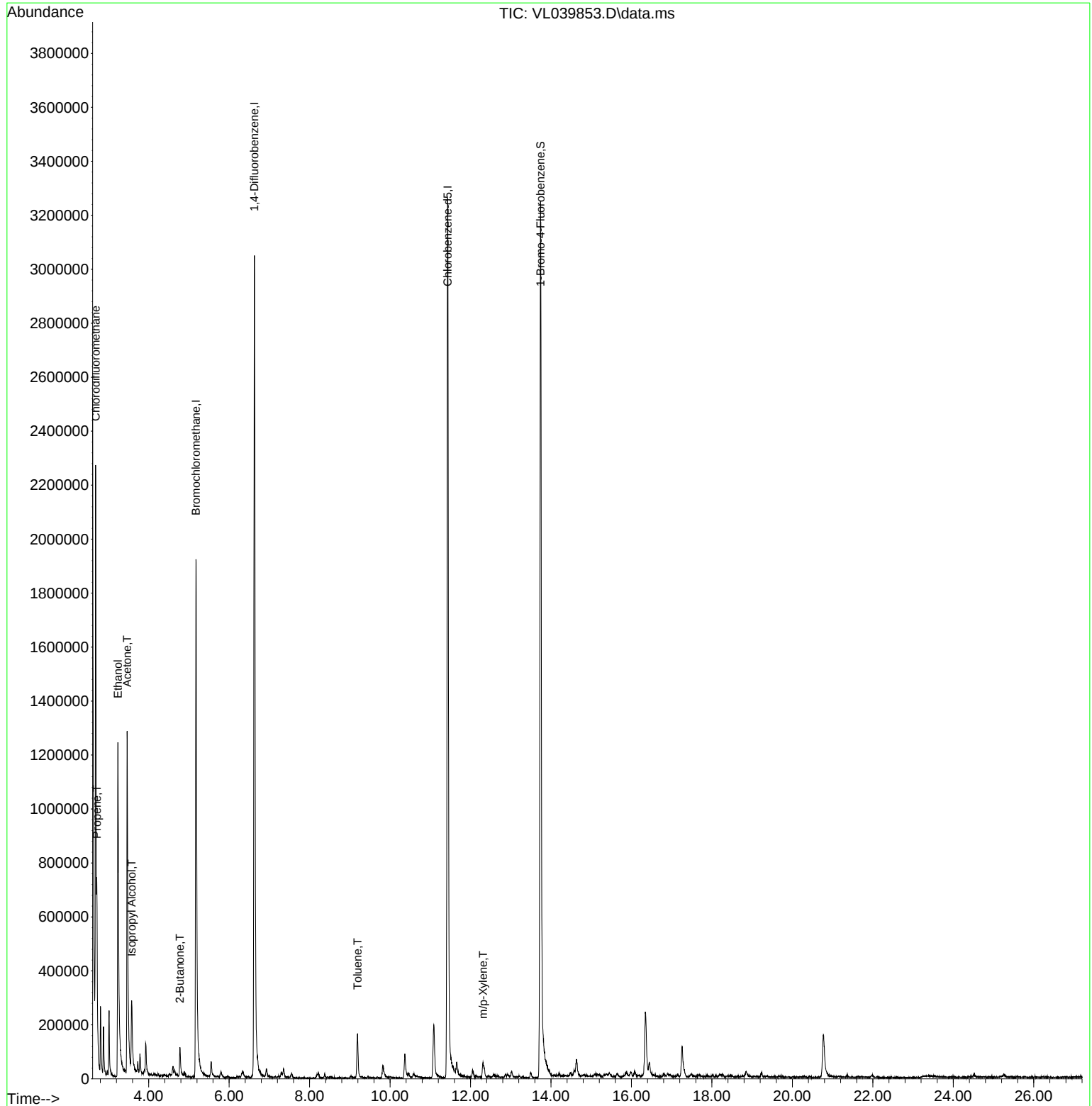
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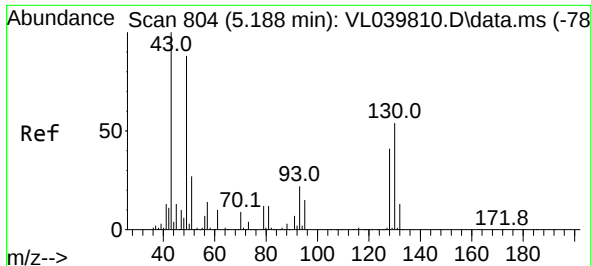
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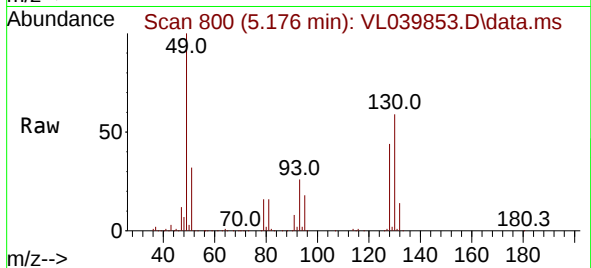
Reviewed By : Semsettin Yesilyurt 11/10/2022
Supervised By : Mahesh Dadoda 11/11/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 804
Delta R.T. -0.012 min
Lab File: VL039853.D
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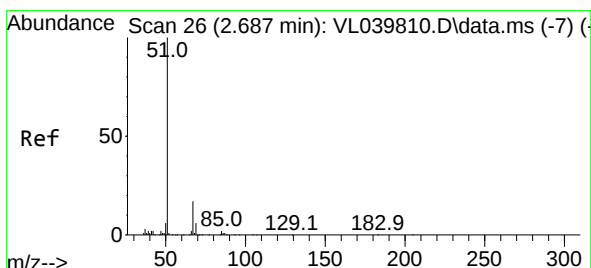
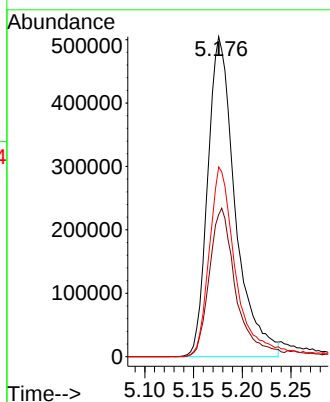
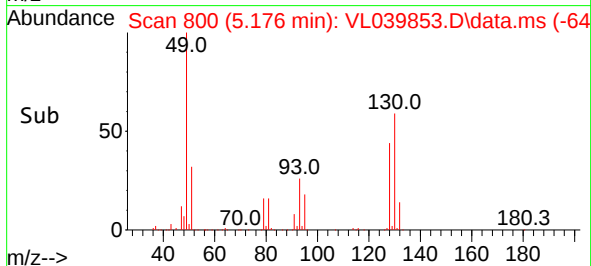
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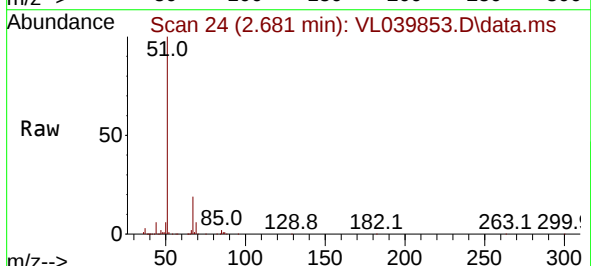
Tgt Ion: 49 Resp: 989158
Ion Ratio Lower Upper
49 100
128 47.2 24.6 73.6
130 59.1 31.1 93.2

Manual Integrations
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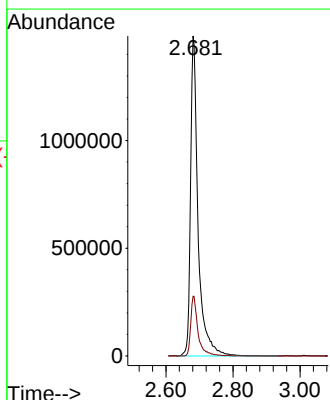
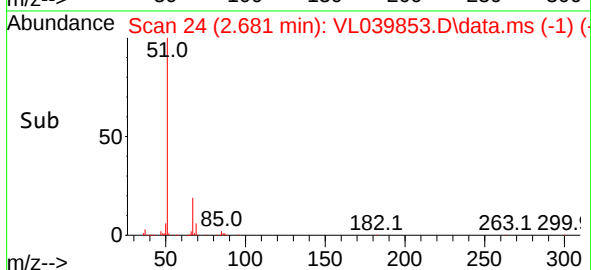
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

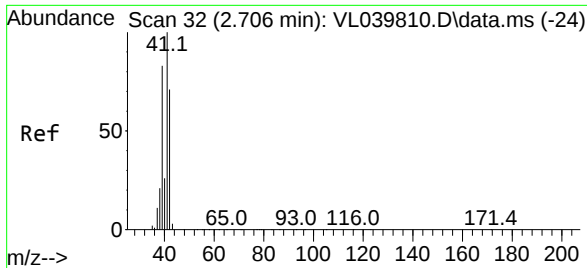


#3
Chlorodifluoromethane
Concen: 19.595 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.006 min
Lab File: VL039853.D
Acq: 9 Nov 2022 18:13



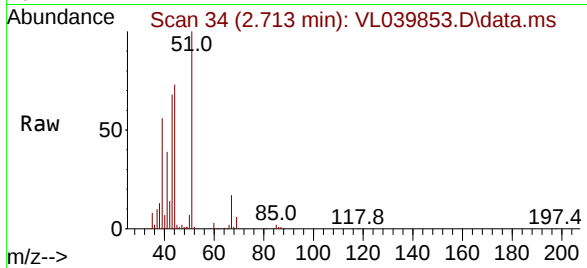
Tgt Ion: 51 Resp: 2310731
Ion Ratio Lower Upper
51 100
67 18.2 13.2 19.8





#9
 Propene
 Concen: 1.493 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.007 min
 Lab File: VL039853.D
 Acq: 9 Nov 2022 18:13

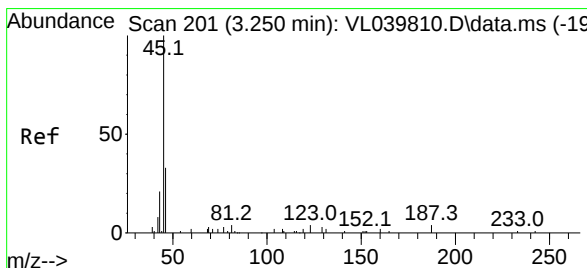
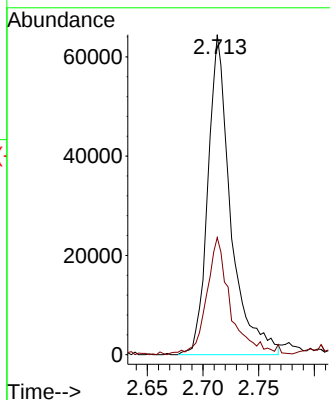
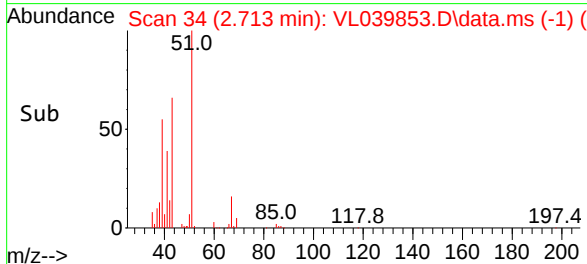
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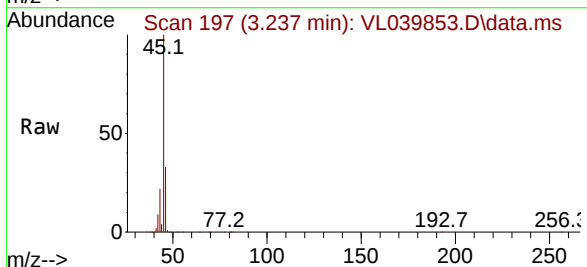
Tgt Ion: 41 Resp: 9171
 Ion Ratio Lower Upper
 41 100
 42 37.8 56.3 84.5

Manual Integrations
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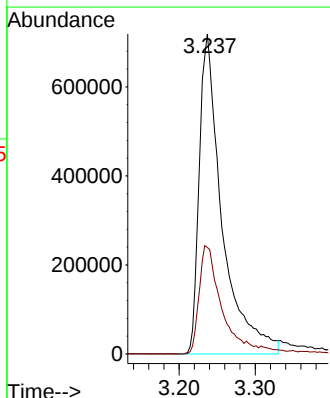
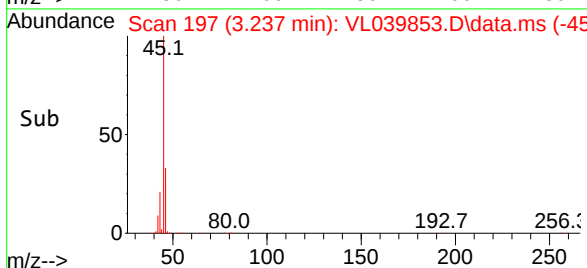
Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022

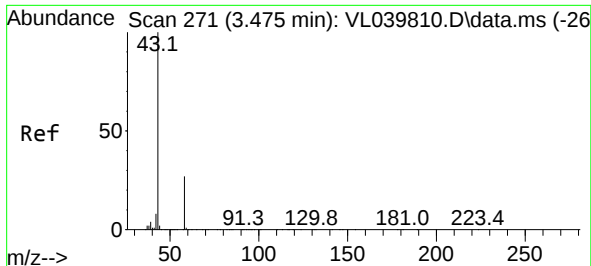


#13
 Ethanol
 Concen: 344.708 ppbv
 RT: 3.237 min Scan# 197
 Delta R.T. -0.013 min
 Lab File: VL039853.D
 Acq: 9 Nov 2022 18:13



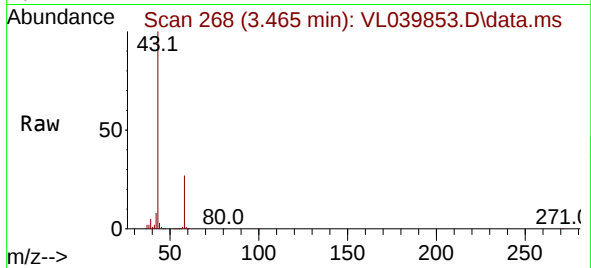
Tgt Ion: 45 Resp: 1496846
 Ion Ratio Lower Upper
 45 100
 46 35.9 16.5 65.9





#15
Acetone
Concen: 11.850 ppbv
RT: 3.465 min Scan# 20
Delta R.T. -0.009 min
Lab File: VL039853.D
Acq: 9 Nov 2022 18:13

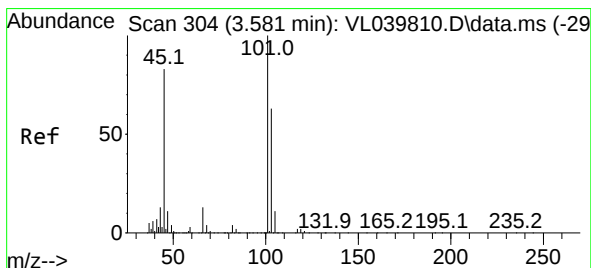
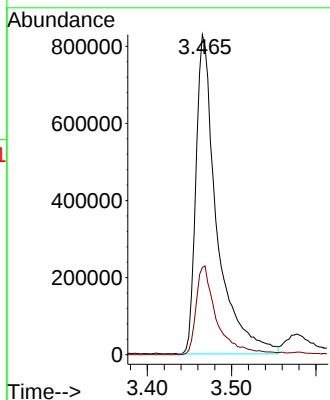
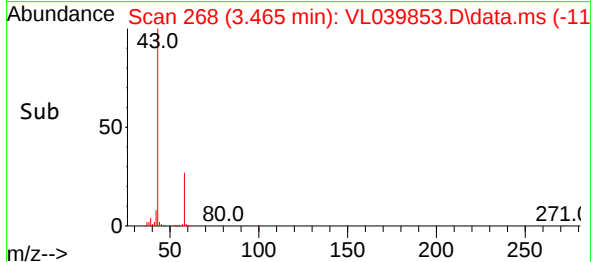
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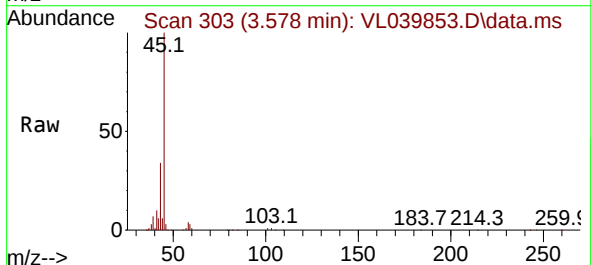
Tgt Ion: 43 Resp: 142678
Ion Ratio Lower Upper
43 100
58 27.7 23.2 34.8

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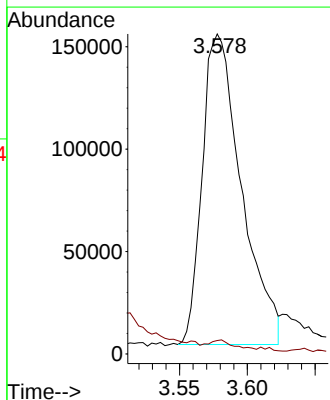
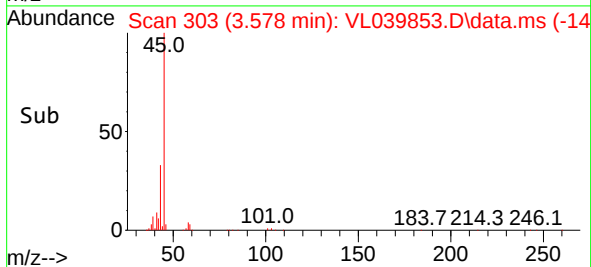
Reviewed By :Semsettin Yesilyurt 11/10/2022
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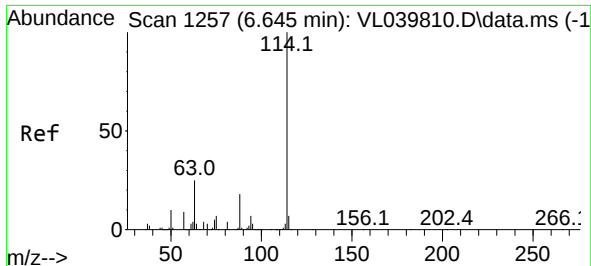


#19
Isopropyl Alcohol
Concen: 5.114 ppbv
RT: 3.578 min Scan# 303
Delta R.T. -0.003 min
Lab File: VL039853.D
Acq: 9 Nov 2022 18:13



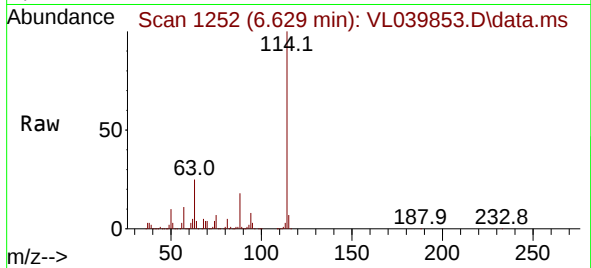
Tgt Ion: 45 Resp: 304776
Ion Ratio Lower Upper
45 100
58 129.8 38.3 57.5#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.629 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL039853.D
Acq: 9 Nov 2022 18:13

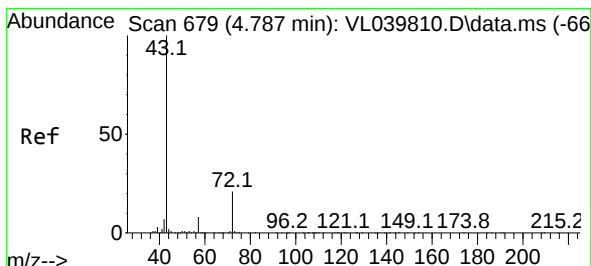
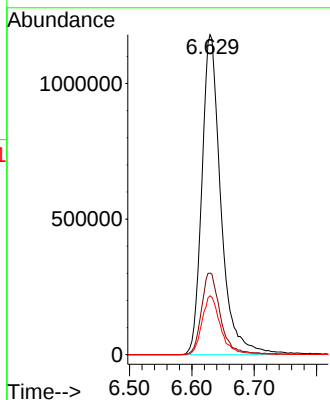
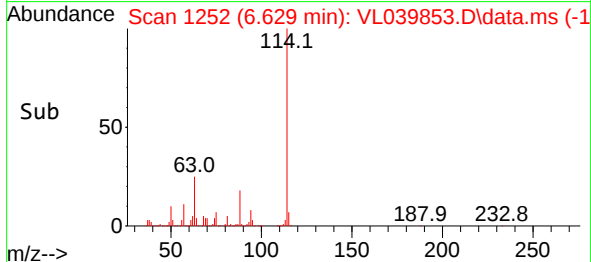
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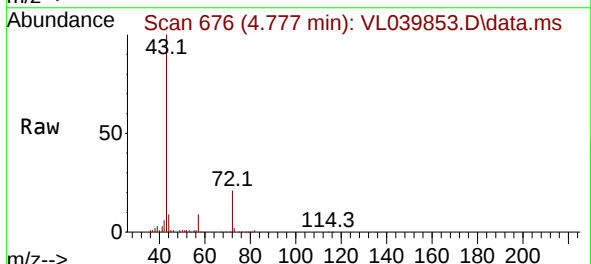
Tgt Ion:114 Resp: 249528
Ion Ratio Lower Upper
114 100
63 26.0 19.8 29.6
88 18.4 14.4 21.6

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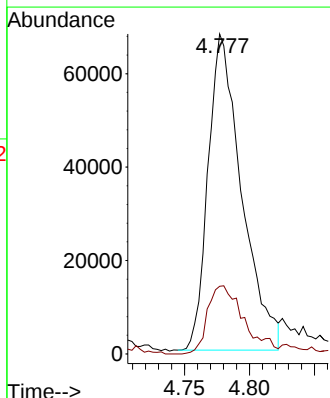
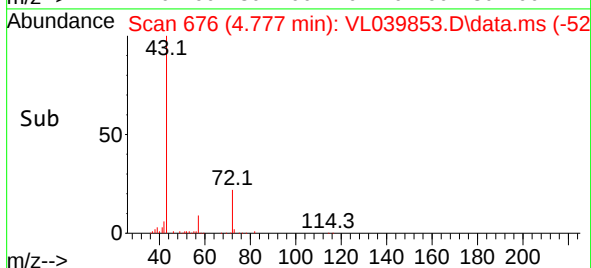
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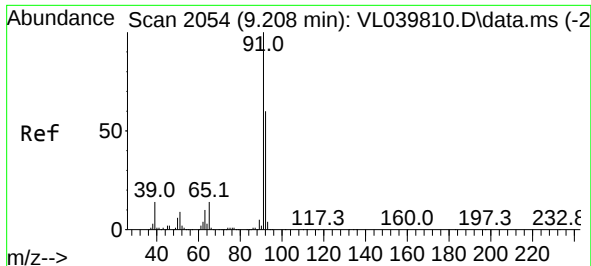


#34
2-Butanone
Concen: 1.183 ppbv
RT: 4.777 min Scan# 676
Delta R.T. -0.009 min
Lab File: VL039853.D
Acq: 9 Nov 2022 18:13



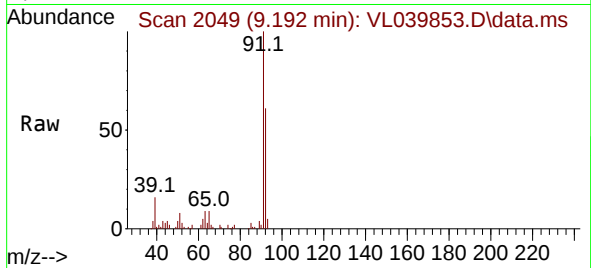
Tgt Ion: 43 Resp: 121765
Ion Ratio Lower Upper
43 100
72 25.6 17.5 26.3





#53
Toluene
Concen: 0.539 ppbv
RT: 9.192 min Scan# 2054
Delta R.T. -0.016 min
Lab File: VL039853.D
Acq: 9 Nov 2022 18:13

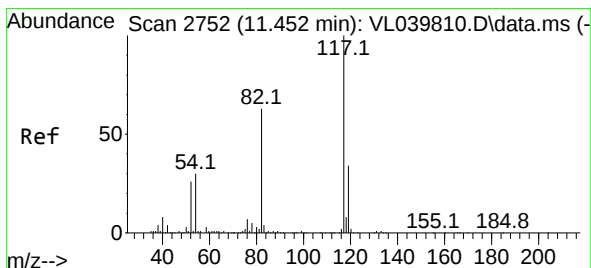
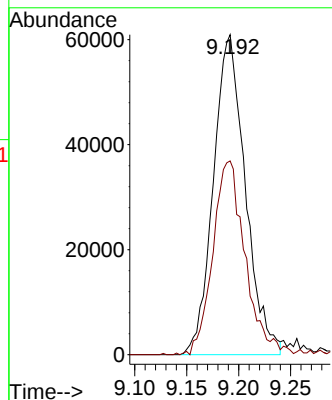
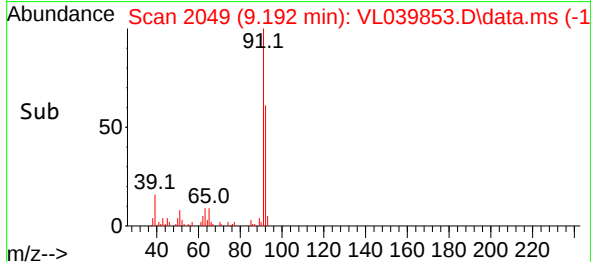
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Tgt Ion: 91 Resp: 130230
Ion Ratio Lower Upper
91 100
92 62.2 49.6 74.4

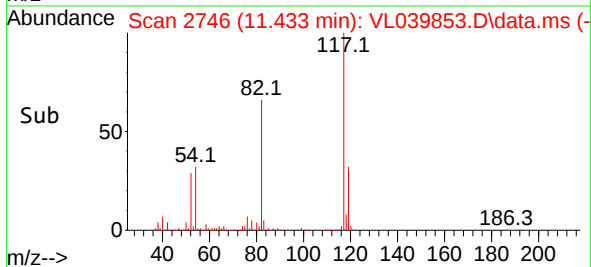
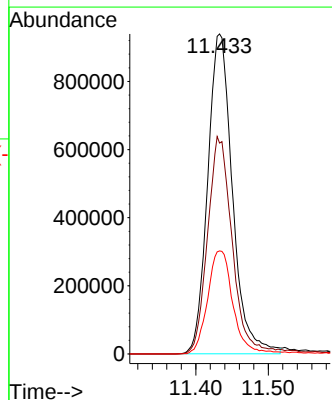
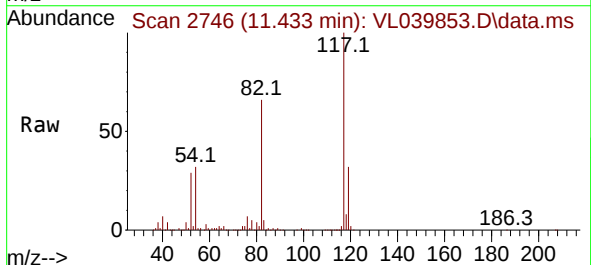
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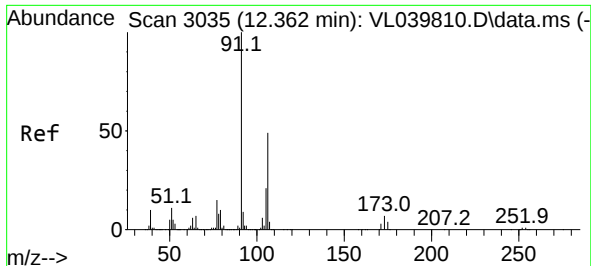
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 2746
Delta R.T. -0.019 min
Lab File: VL039853.D
Acq: 9 Nov 2022 18:13

Tgt Ion:117 Resp: 2229965
Ion Ratio Lower Upper
117 100
82 68.9 51.0 76.6
119 33.4 24.7 37.1





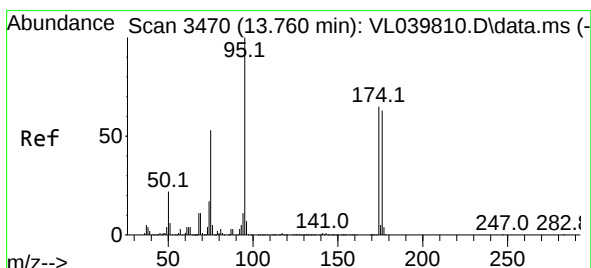
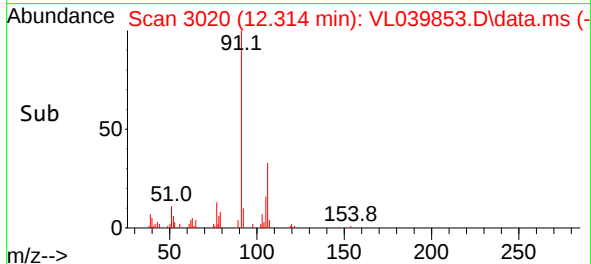
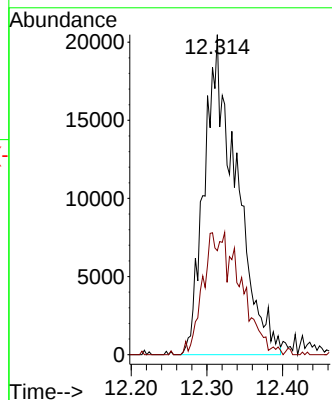
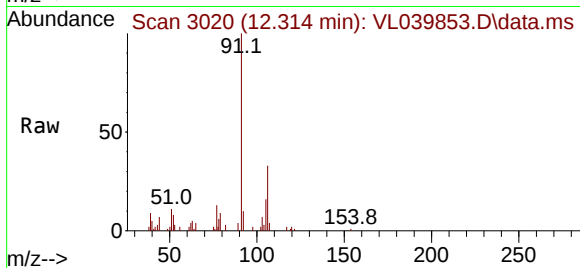
#59
m/p-Xylene
Concen: 0.239 ppbv m
RT: 12.314 min Scan# 3035
Delta R.T. -0.048 min
Lab File: VL039853.D
Acq: 9 Nov 2022 18:13

Instrument :
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ClientSampleId :
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Tgt Ion: 91 Resp: 6005
Ion Ratio Lower Upper
91 100
106 0.0 37.6 56.4

Manual Integrations
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Supervised By :Mahesh Dadoda 11/11/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.446 ppbv
RT: 13.741 min Scan# 3464
Delta R.T. -0.019 min
Lab File: VL039853.D
Acq: 9 Nov 2022 18:13

Tgt Ion: 95 Resp: 1743588
Ion Ratio Lower Upper
95 100
174 62.4 53.4 80.0
175 4.8 4.1 6.1

