

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121322\
 Data File : VL040018.D
 Acq On : 13 Dec 2022 23:31
 Operator : SY/MD
 Sample : N5971-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-5DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 03:59:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1014826	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	6.652	114	3140318	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.462	117	2746189	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2058156	9.812	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						
					Qvalue	
9) Propene	2.690	41	31828	0.483	ppbv	97
13) Ethanol	3.250	45	1448796	287.673	ppbv	99
15) Acetone	3.481	43	557852	4.144	ppbv	99
53) Toluene	9.211	91	30115m	0.099	ppbv	

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

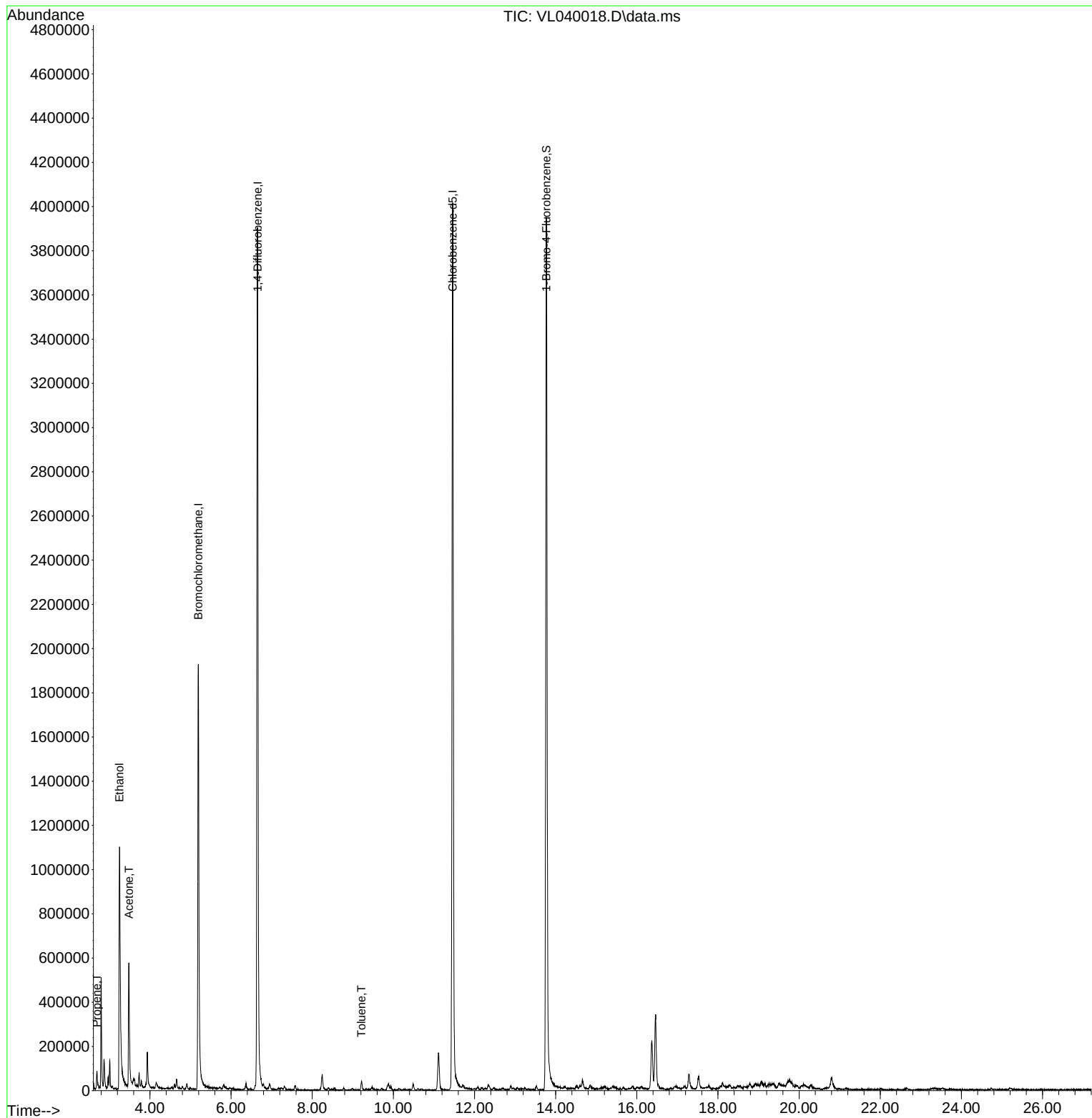
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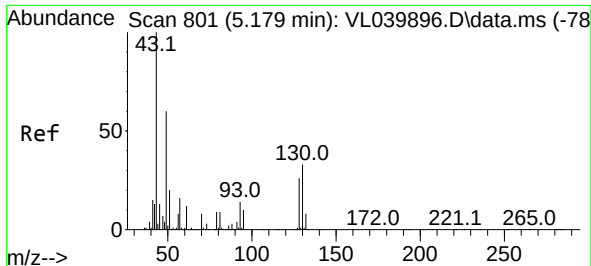
Instrument :
MSVOA_L
ClientSampleId :
SS-5DL

Quant Time: Dec 14 03:59:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
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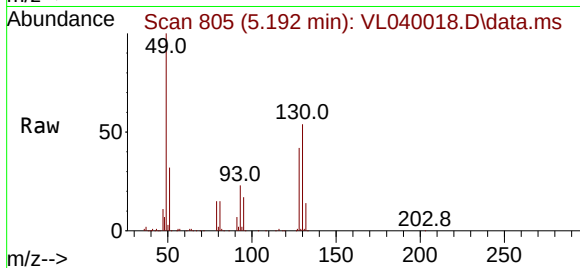
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Supervised By : Mahesh Dadoda 12/14/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.036 min
Lab File: VL040018.D
Acq: 13 Dec 2022 23:31

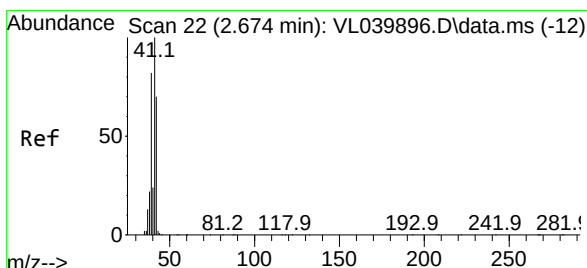
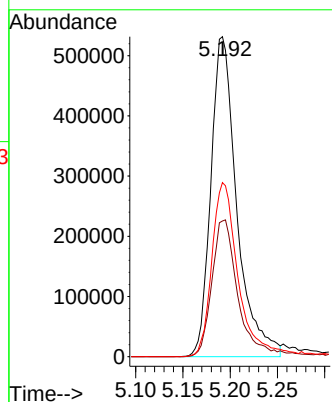
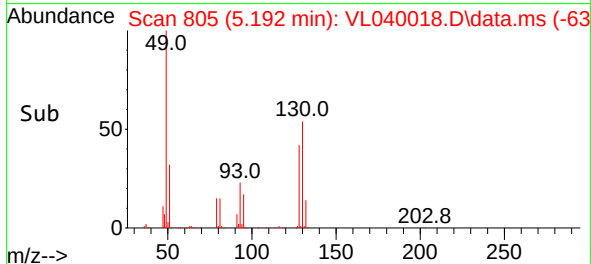
Instrument :
MSVOA_L
ClientSampleId :
SS-5DL



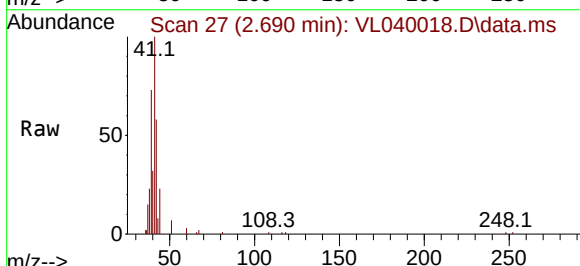
Tgt Ion: 49 Resp: 1014820
Ion Ratio Lower Upper
49 100
128 44.7 22.1 66.3
130 57.3 27.7 83.1

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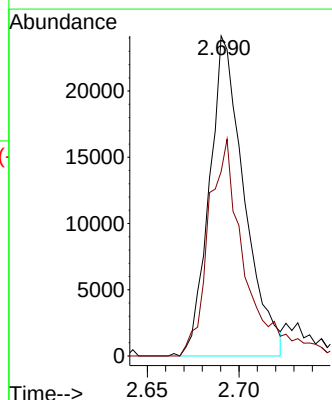
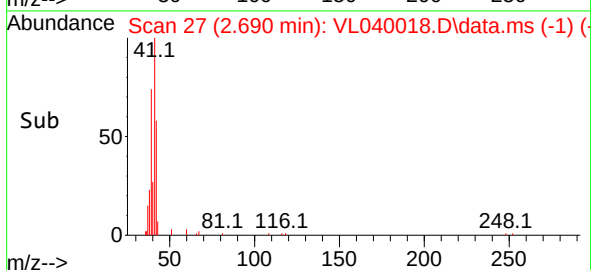
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Supervised By :Mahesh Dadoda 12/14/2022

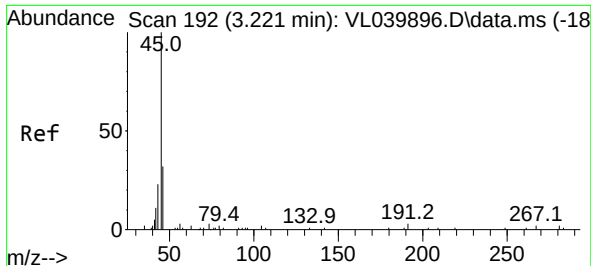


#9
Propene
Concen: 0.483 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.029 min
Lab File: VL040018.D
Acq: 13 Dec 2022 23:31



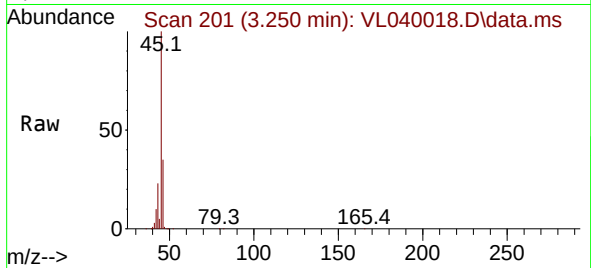
Tgt Ion: 41 Resp: 31828
Ion Ratio Lower Upper
41 100
42 72.3 55.8 83.6





#13
Ethanol
Concen: 287.673 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.035 min
Lab File: VL040018.D
Acq: 13 Dec 2022 23:31

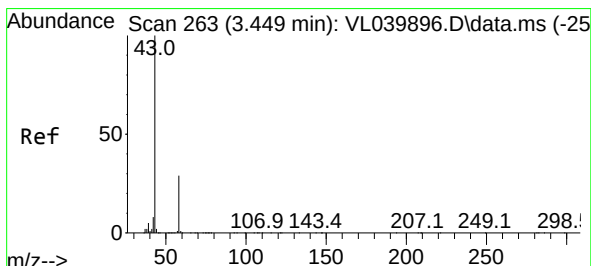
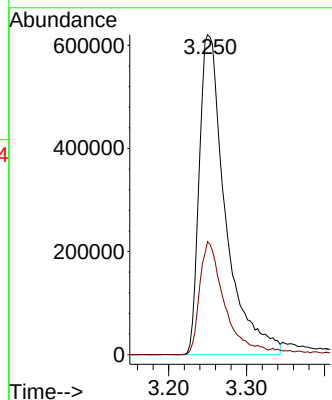
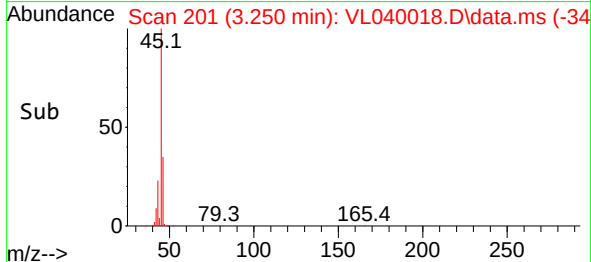
Instrument :
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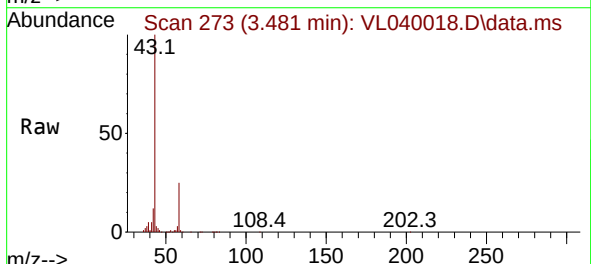
Tgt Ion: 45 Resp: 1448790
Ion Ratio Lower Upper
45 100
46 35.9 14.6 58.2

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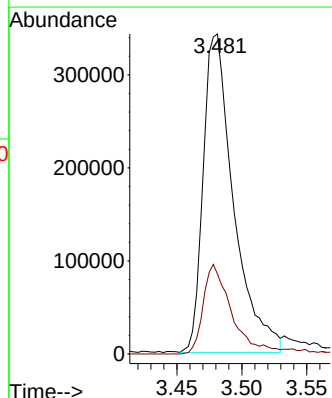
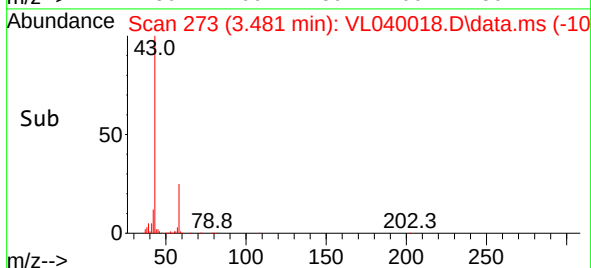
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

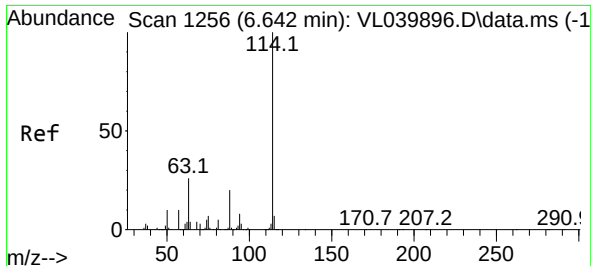


#15
Acetone
Concen: 4.144 ppbv
RT: 3.481 min Scan# 273
Delta R.T. 0.048 min
Lab File: VL040018.D
Acq: 13 Dec 2022 23:31



Tgt Ion: 43 Resp: 557852
Ion Ratio Lower Upper
43 100
58 28.2 22.9 34.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1

Delta R.T. 0.032 min

Lab File: VL040018.D

Acq: 13 Dec 2022 23:31

Instrument :

MSVOA_L

ClientSampleId :

SS-5DL

Tgt Ion:114 Resp: 3140318

Ion Ratio Lower Upper

114 100

63 24.5 21.4 32.0

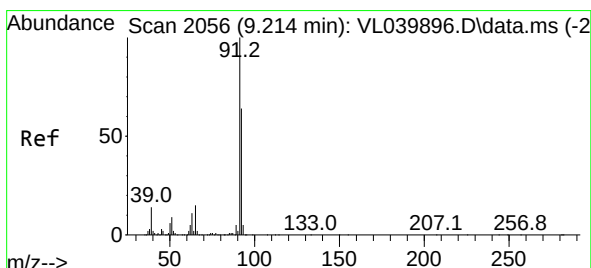
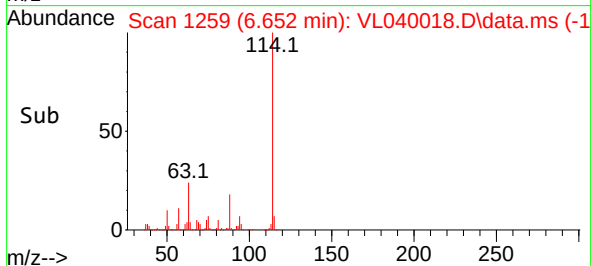
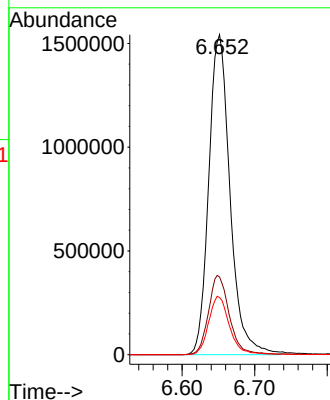
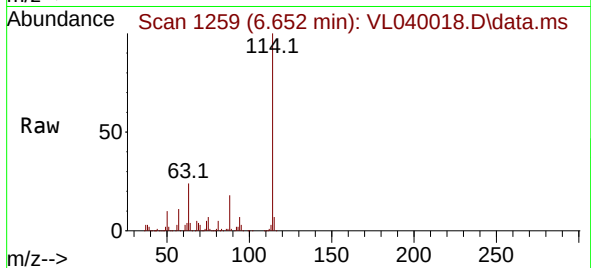
88 17.9 15.3 22.9

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#53

Toluene

Concen: 0.099 ppbv m

RT: 9.211 min Scan# 2055

Delta R.T. 0.026 min

Lab File: VL040018.D

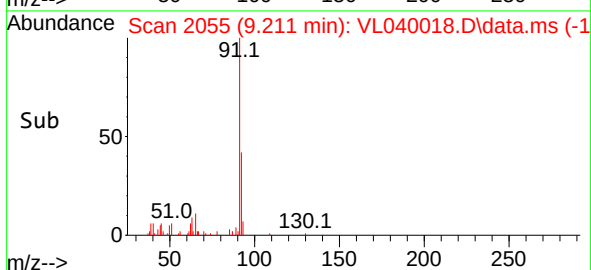
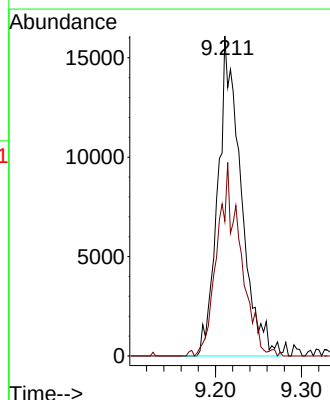
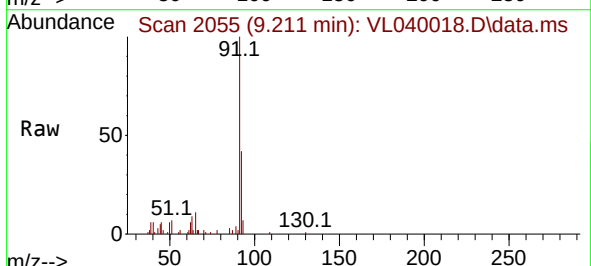
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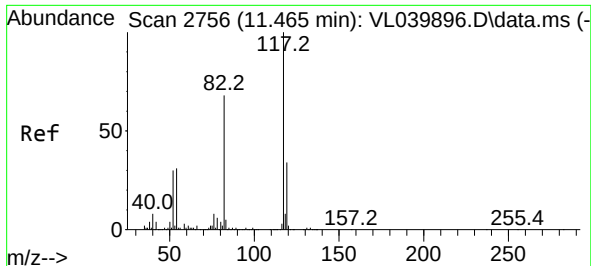
Tgt Ion: 91 Resp: 30115

Ion Ratio Lower Upper

91 100

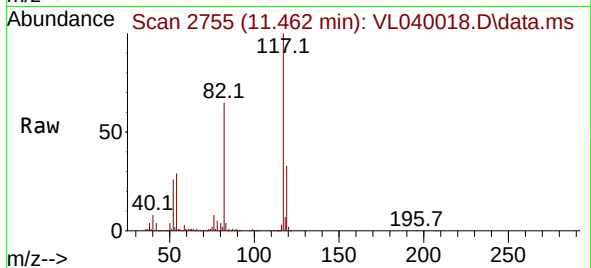
92 61.0 49.8 74.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL040018.D
Acq: 13 Dec 2022 23:31

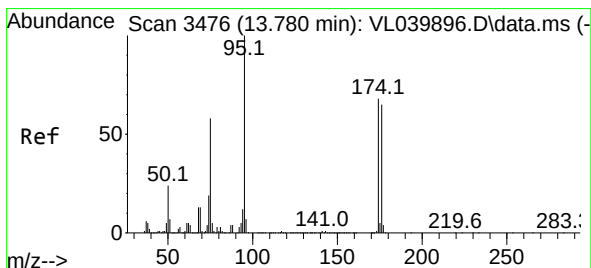
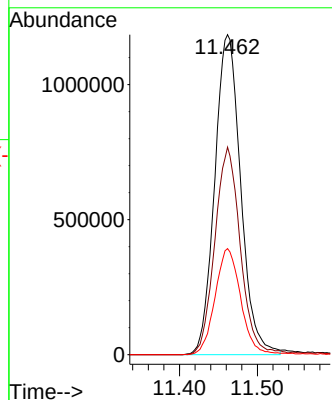
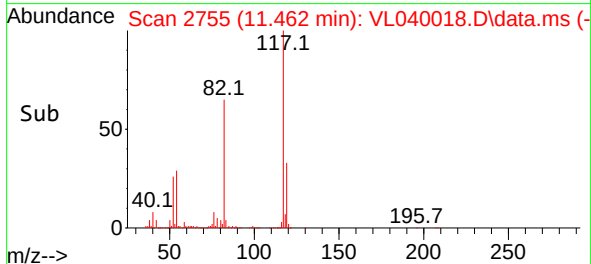
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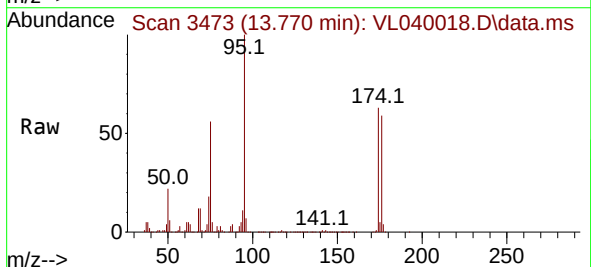
Tgt Ion: 117 Resp: 2746189
Ion Ratio Lower Upper
117 100
82 65.0 52.3 78.5
119 33.2 25.7 38.5

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Supervised By :Mahesh Dadoda 12/14/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.812 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.029 min
Lab File: VL040018.D
Acq: 13 Dec 2022 23:31



Tgt Ion: 95 Resp: 2058156
Ion Ratio Lower Upper
95 100
174 65.1 53.7 80.5
175 4.5 4.0 6.0

