

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040410.D
 Acq On : 11 May 2023 21:20
 Operator : SY/MD
 Sample : 02748-03DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-01-20230510DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023

Quant Time: May 12 05:58:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1149800	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2981017	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.462	117	2592210	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2020488	9.426	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.300%
Target Compounds						
2) Dichlorodifluoromethane	2.709	85	9423m	0.045	ppbv	Qvalue
9) Propene	2.677	41	54408	0.917	ppbv	91
15) Acetone	3.455	43	247104	1.517	ppbv #	42
20) Methylene Chloride	3.915	84	26035	0.400	ppbv	98
34) 2-Butanone	4.783	43	371925	2.314	ppbv	97
53) Toluene	9.214	91	15552m	0.060	ppbv	

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

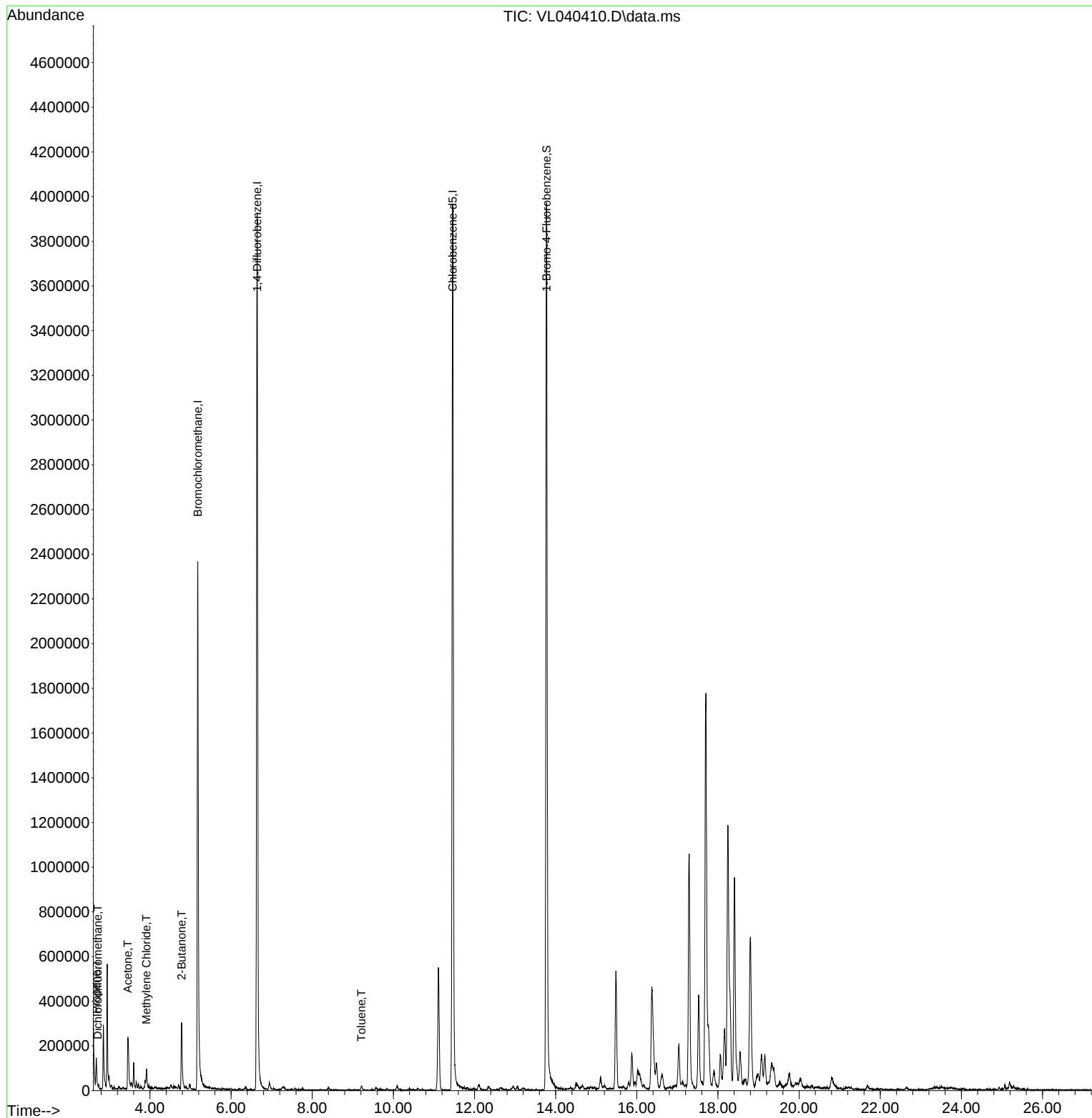
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
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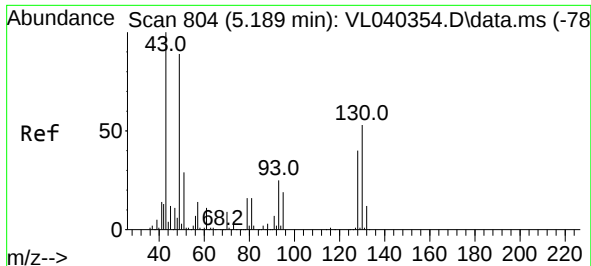
Instrument :
MSVOA_L
ClientSampleId :
SV-01-20230510DL

Quant Time: May 12 05:58:05 2023
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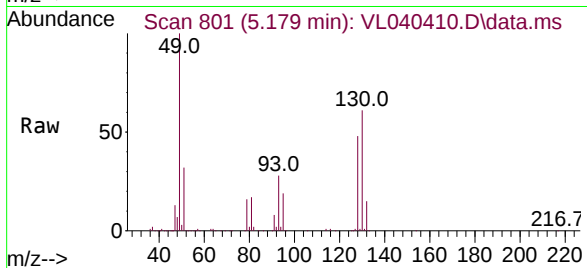
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 804
Delta R.T. -0.010 min
Lab File: VL040410.D
Acq: 11 May 2023 21:20

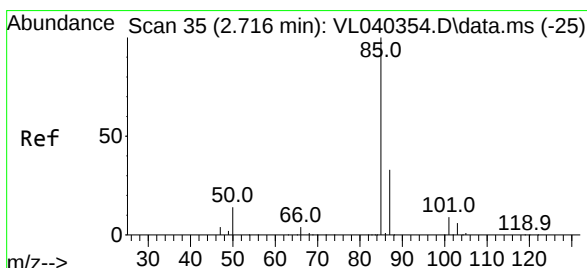
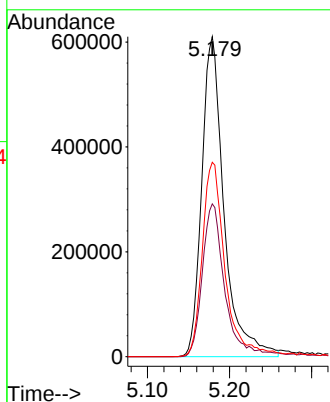
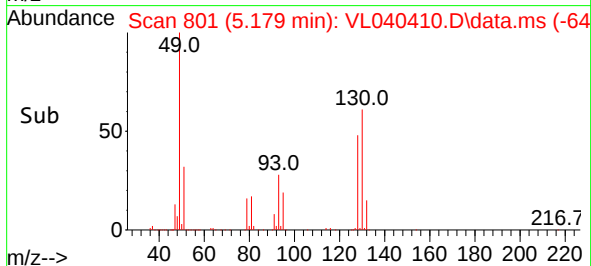
Instrument :
MSVOA_L
ClientSampleId :
SV-01-20230510DL



Tgt Ion: 49 Resp: 1149800
Ion Ratio Lower Upper
49 100
128 49.8 23.7 71.1
130 63.1 29.9 89.8

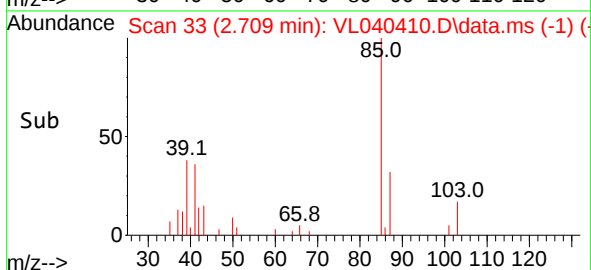
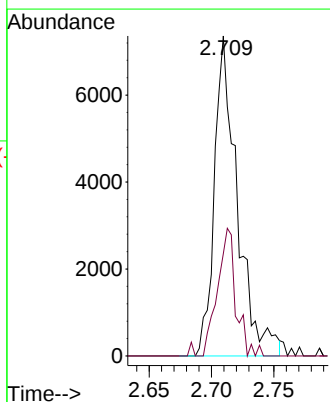
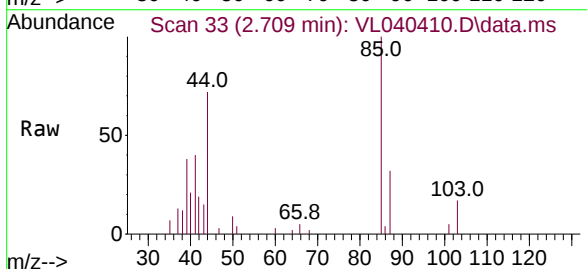
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Supervised By :Mahesh Dadoda 05/15/2023

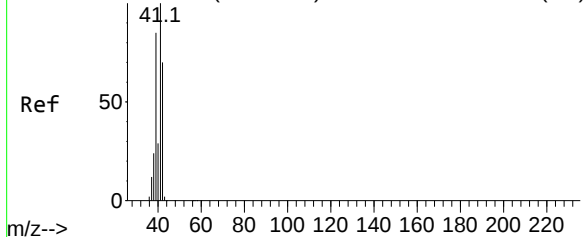


#2
Dichlorodifluoromethane
Concen: 0.045 ppbv m
RT: 2.709 min Scan# 33
Delta R.T. -0.007 min
Lab File: VL040410.D
Acq: 11 May 2023 21:20

Tgt Ion: 85 Resp: 9423
Ion Ratio Lower Upper
85 100
87 31.9 26.6 40.0



Abundance Scan 24 (2.681 min): VL040354.D\data.ms (-15)



#9

Propene

Concen: 0.917 ppbv

RT: 2.677 min Scan# 21

Delta R.T. -0.004 min

Lab File: VL040410.D

Acq: 11 May 2023 21:20

Instrument :

MSVOA_L

ClientSampleId :

SV-01-20230510DL

Tgt Ion: 41 Resp: 54408

Ion Ratio Lower Upper

41 100

42 63.2 56.5 84.7

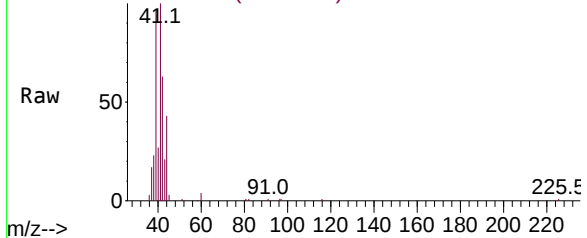
Manual Integrations

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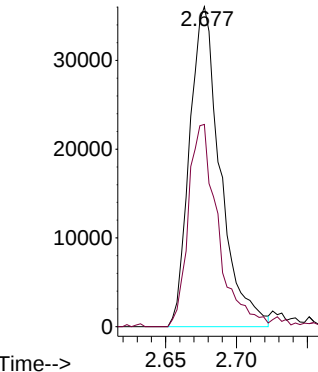
Reviewed By :Semsettin Yesilyurt 05/14/2023

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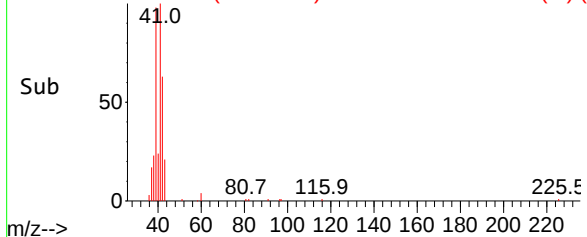
Abundance Scan 23 (2.677 min): VL040410.D\data.ms



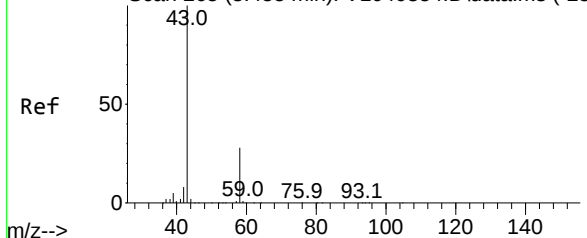
Abundance



Abundance Scan 23 (2.677 min): VL040410.D\data.ms (-1) (-



Abundance Scan 265 (3.455 min): VL040354.D\data.ms (-25)



#15

Acetone

Concen: 1.517 ppbv

RT: 3.455 min Scan# 265

Delta R.T. 0.000 min

Lab File: VL040410.D

Acq: 11 May 2023 21:20

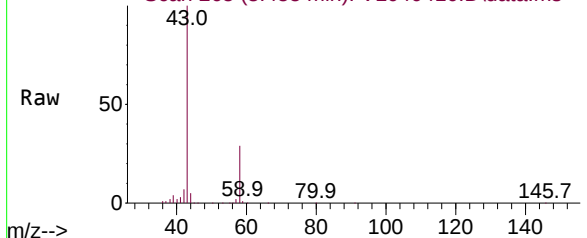
Tgt Ion: 43 Resp: 247104

Ion Ratio Lower Upper

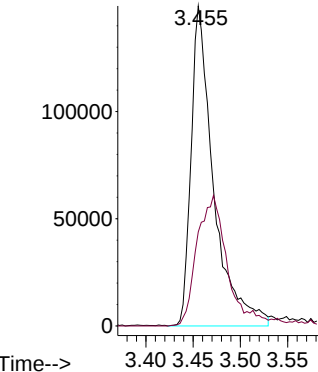
43 100

58 57.8 22.2 33.2#

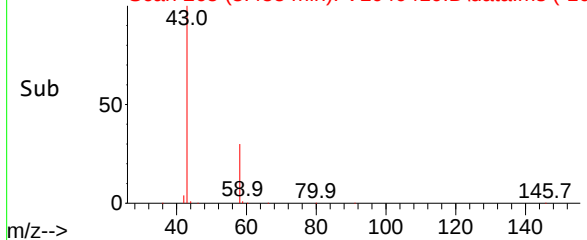
Abundance Scan 265 (3.455 min): VL040410.D\data.ms

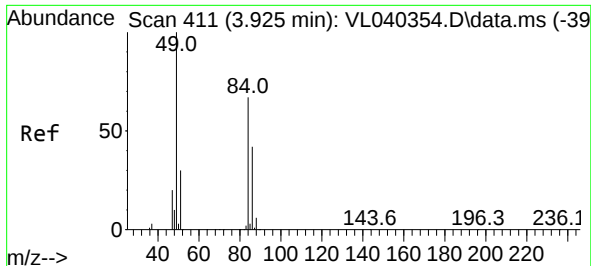


Abundance



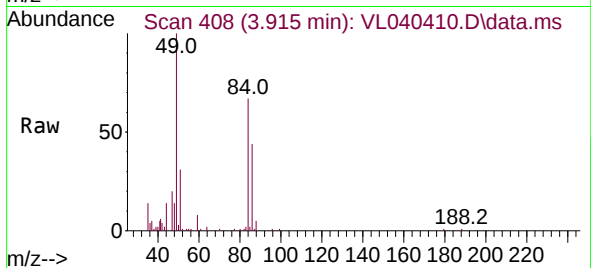
Abundance Scan 265 (3.455 min): VL040410.D\data.ms (-10)





#20
Methylene Chloride
Concen: 0.400 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.010 min
Lab File: VL040410.D
Acq: 11 May 2023 21:20

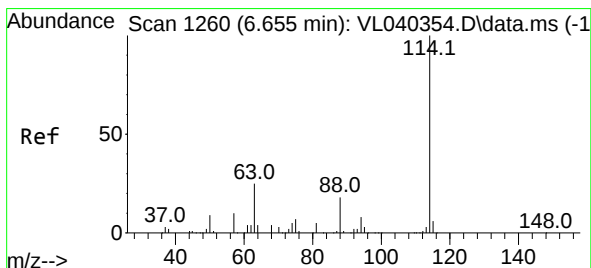
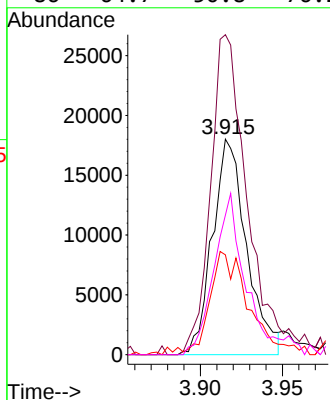
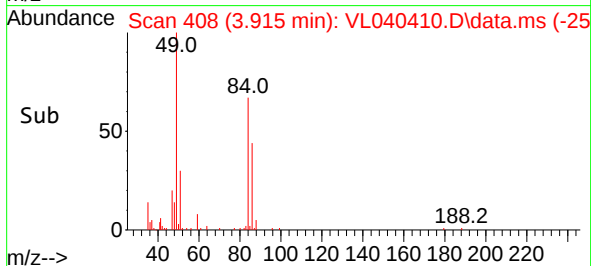
Instrument :
MSVOA_L
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SV-01-20230510DL



Tgt Ion: 84 Resp: 26035
Ion Ratio Lower Upper
84 100
49 148.5 120.1 180.1
51 43.0 36.3 54.5
86 64.7 50.8 76.2

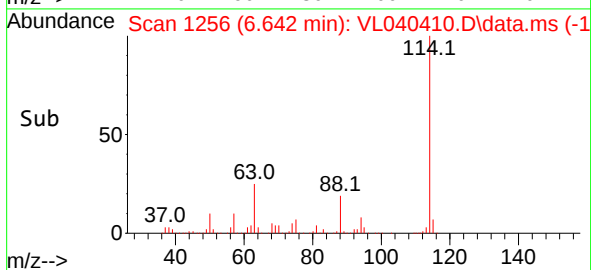
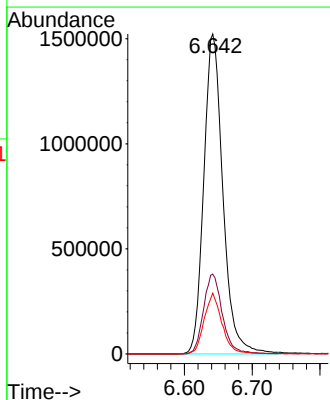
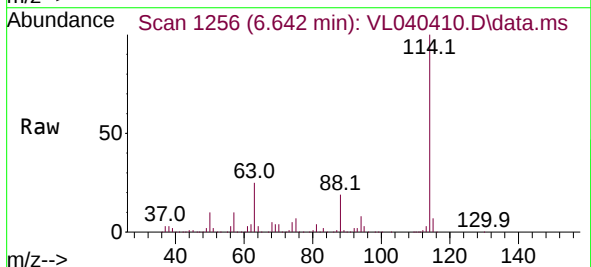
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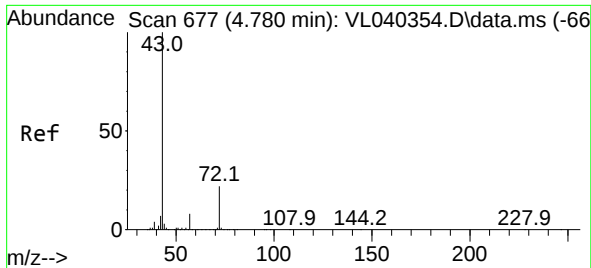
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VL040410.D
Acq: 11 May 2023 21:20

Tgt Ion:114 Resp: 2981017
Ion Ratio Lower Upper
114 100
63 24.8 21.4 32.0
88 17.8 14.6 22.0





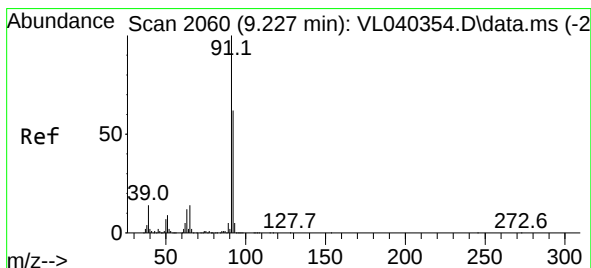
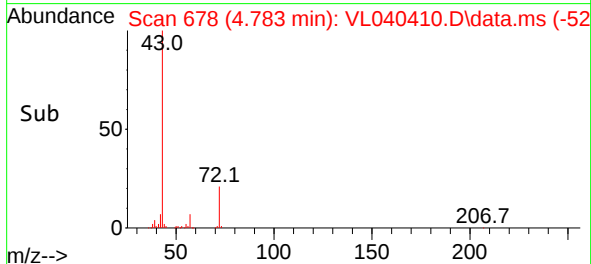
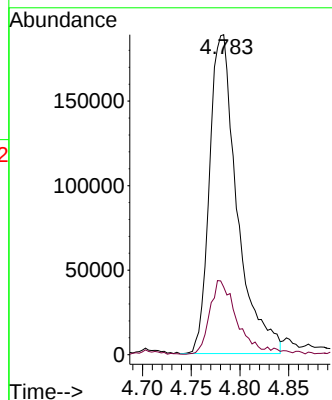
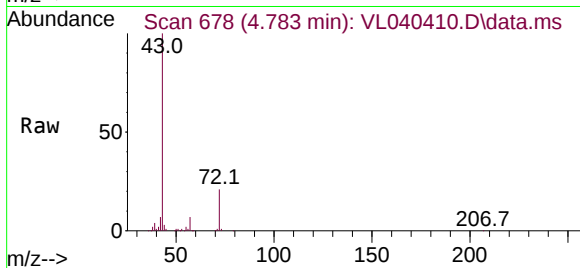
#34
2-Butanone
Concen: 2.314 ppbv
RT: 4.783 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL040410.D
Acq: 11 May 2023 21:20

Instrument :
MSVOA_L
ClientSampleId :
SV-01-20230510DL

Tgt Ion: 43 Resp: 37192
Ion Ratio Lower Upper
43 100
72 24.6 18.4 27.6

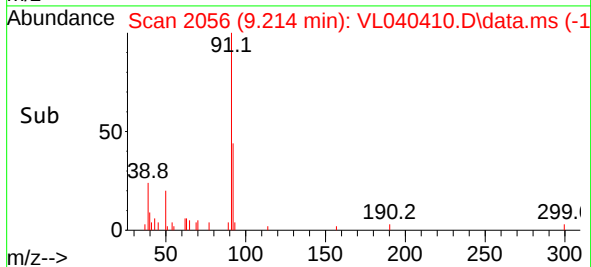
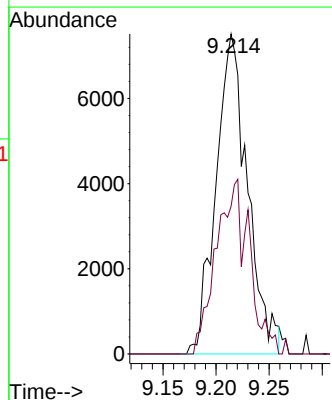
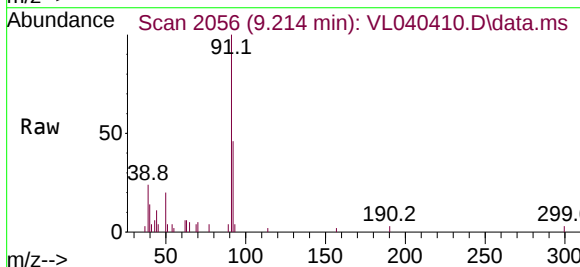
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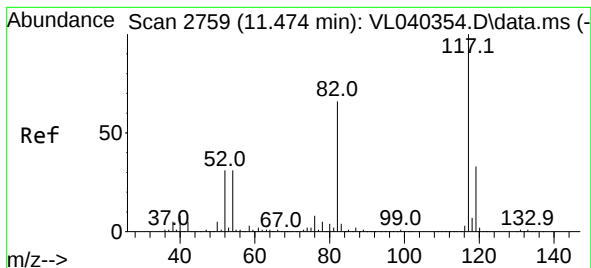
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#53
Toluene
Concen: 0.060 ppbv m
RT: 9.214 min Scan# 2056
Delta R.T. -0.013 min
Lab File: VL040410.D
Acq: 11 May 2023 21:20

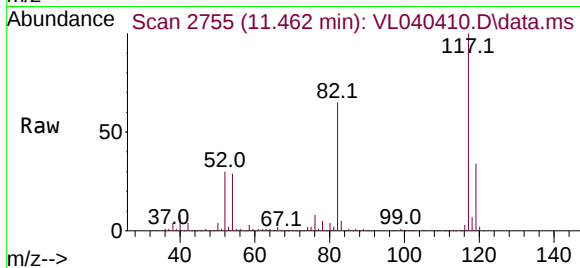
Tgt Ion: 91 Resp: 15552
Ion Ratio Lower Upper
91 100
92 57.5 48.9 73.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.012 min
Lab File: VL040410.D
Acq: 11 May 2023 21:20

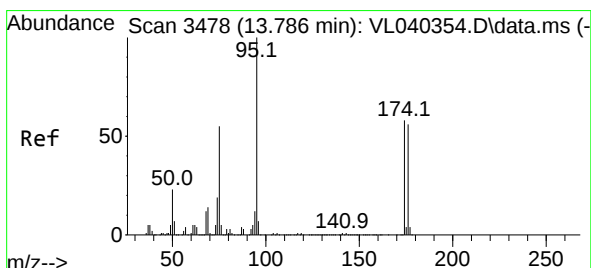
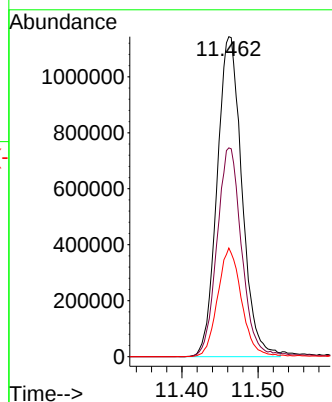
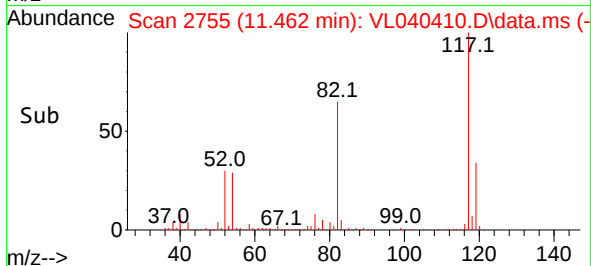
Instrument :
MSVOA_L
ClientSampleId :
SV-01-20230510DL



Tgt Ion: 117 Resp: 2592210
Ion Ratio Lower Upper
117 100
82 65.5 52.5 78.7
119 33.2 24.3 36.5

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.426 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. -0.013 min
Lab File: VL040410.D
Acq: 11 May 2023 21:20

Tgt Ion: 95 Resp: 2020488
Ion Ratio Lower Upper
95 100
174 61.8 47.2 70.8
175 4.3 3.5 5.3

