

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040408.D
 Acq On : 11 May 2023 20:02
 Operator : SY/MD
 Sample : 02748-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-02-20230510DL

Manual Integrations
 APPROVED

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

Quant Time: May 12 05:56:58 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	1103194	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2777740	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.462	117	2462321	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1918521	9.422	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.200%
Target Compounds						
					Qvalue	
13) Ethanol	3.231	45	30502m	6.416	ppbv	
15) Acetone	3.456	43	259808	1.663	ppbv #	67
20) Methylene Chloride	3.919	84	34429	0.552	ppbv	92
34) 2-Butanone	4.780	43	177456	1.185	ppbv	98

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

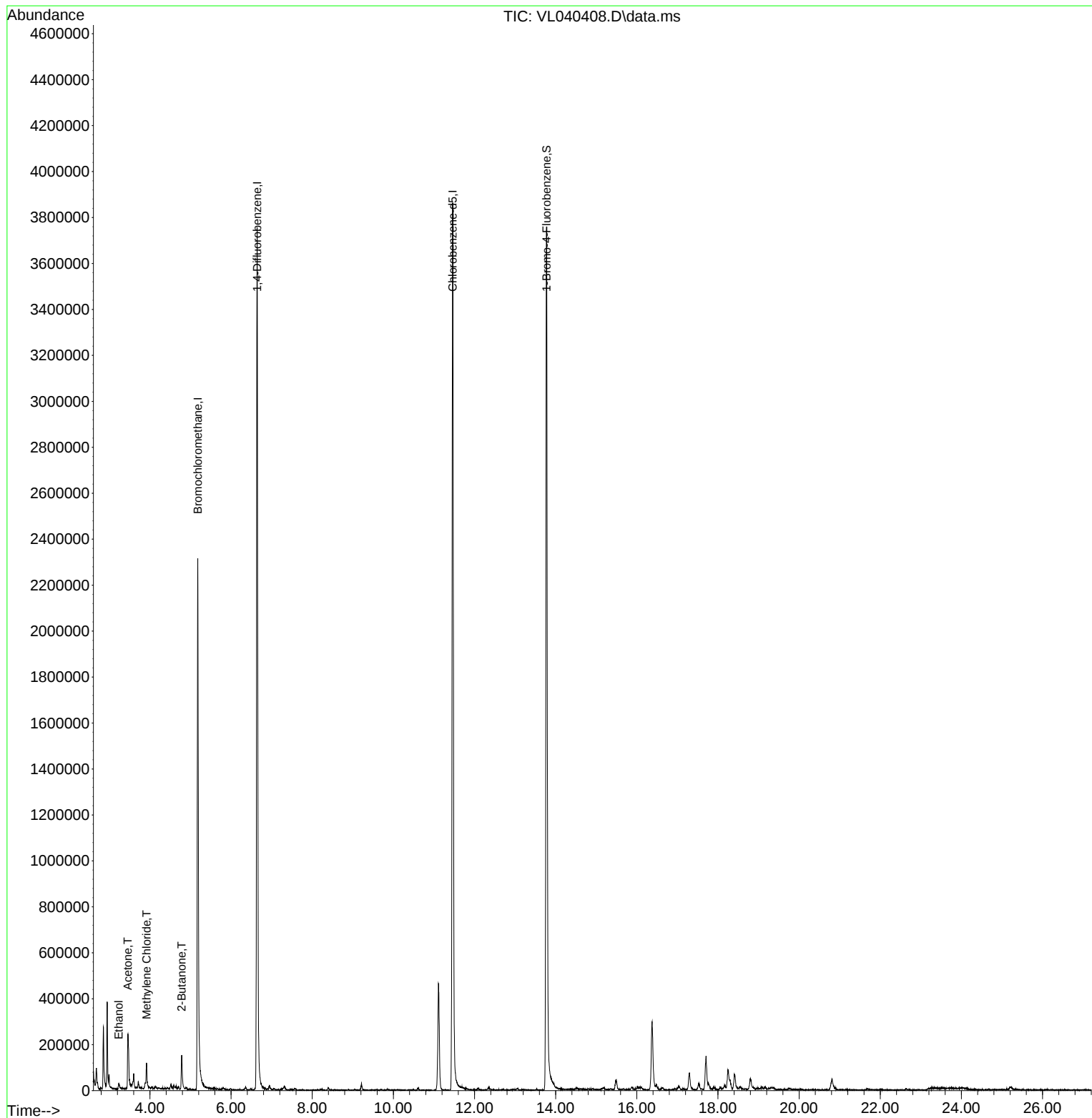
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
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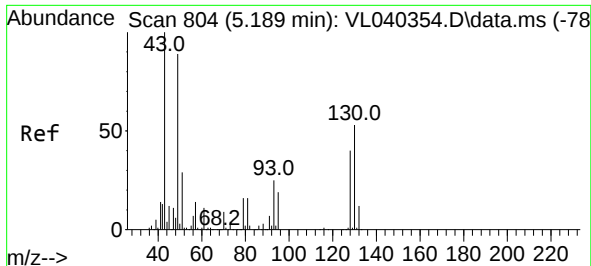
Instrument :
MSVOA_L
ClientSampleId :
SV-02-20230510DL

Quant Time: May 12 05:56:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration

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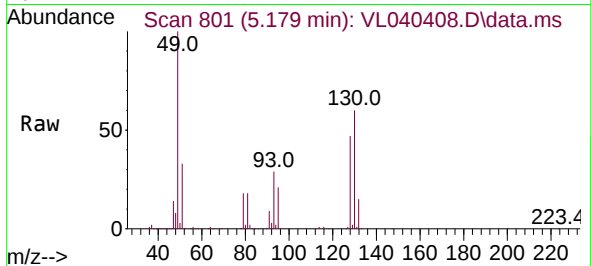
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 804
Delta R.T. -0.010 min
Lab File: VL040408.D
Acq: 11 May 2023 20:02

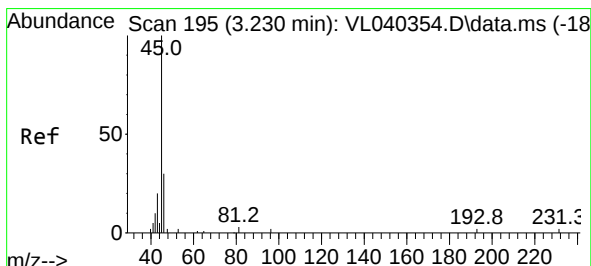
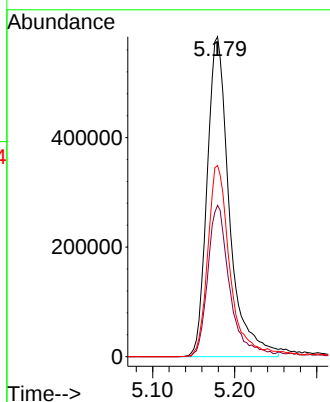
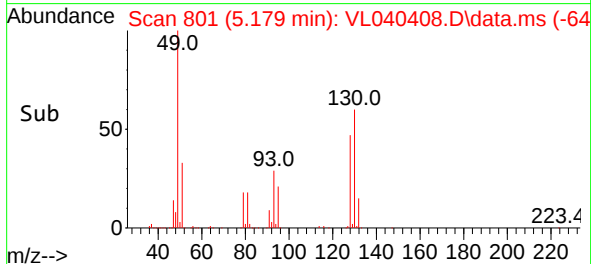
Instrument :
MSVOA_L
ClientSampleId :
SV-02-20230510DL



Tgt Ion: 49 Resp: 1103194
Ion Ratio Lower Upper
49 100
128 48.5 23.7 71.1
130 62.3 29.9 89.8

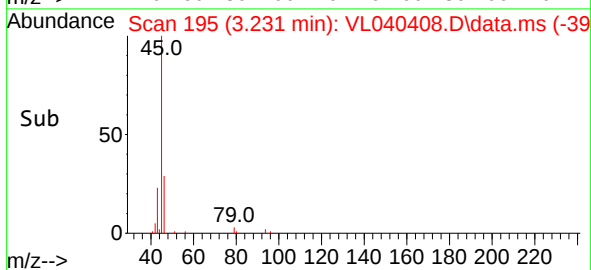
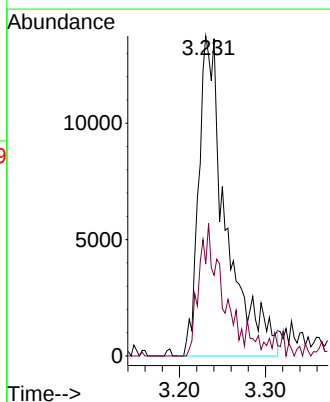
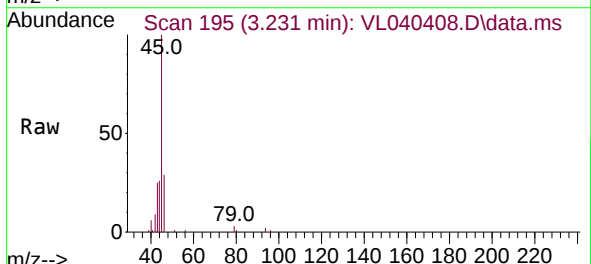
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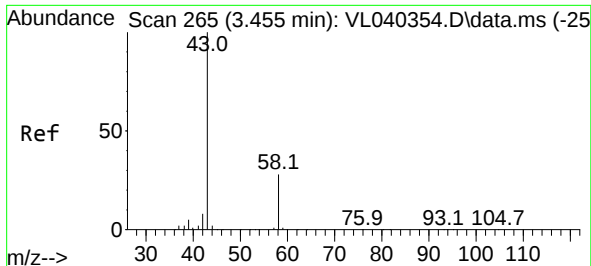
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#13
Ethanol
Concen: 6.416 ppbv m
RT: 3.231 min Scan# 195
Delta R.T. 0.001 min
Lab File: VL040408.D
Acq: 11 May 2023 20:02

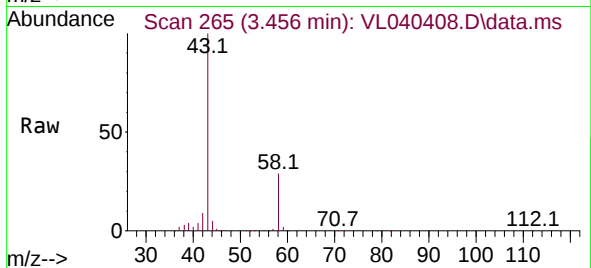
Tgt Ion: 45 Resp: 30502
Ion Ratio Lower Upper
45 100
46 40.7 15.3 61.3





#15
Acetone
Concen: 1.663 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.001 min
Lab File: VL040408.D
Acq: 11 May 2023 20:02

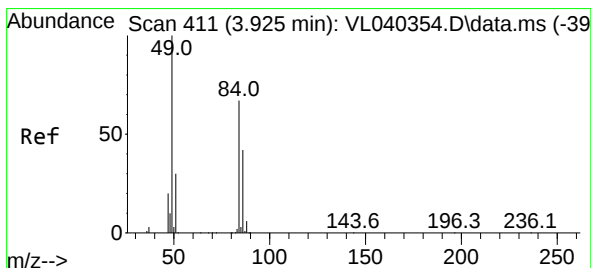
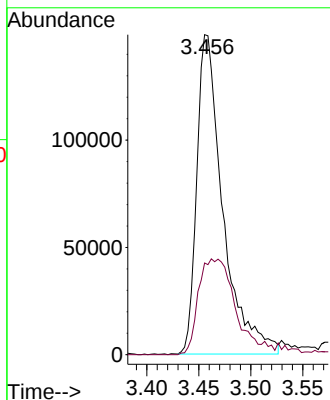
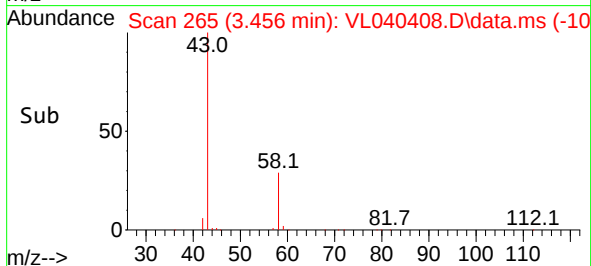
Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 259808
Ion Ratio Lower Upper
43 100
58 44.7 22.2 33.2

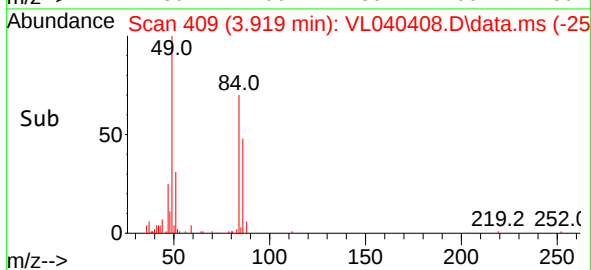
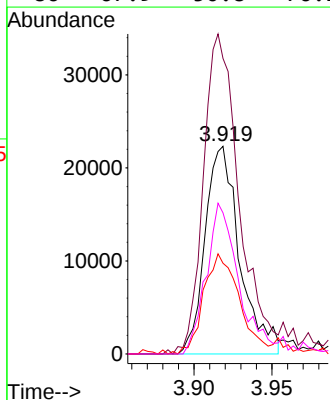
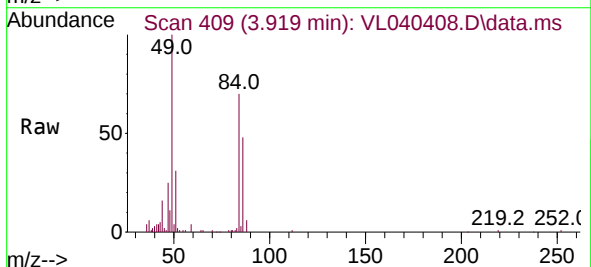
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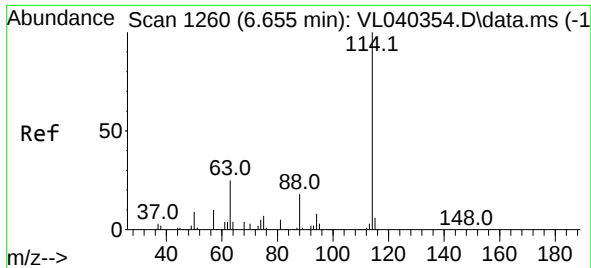
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#20
Methylene Chloride
Concen: 0.552 ppbv
RT: 3.919 min Scan# 409
Delta R.T. -0.006 min
Lab File: VL040408.D
Acq: 11 May 2023 20:02

Tgt Ion: 84 Resp: 34429
Ion Ratio Lower Upper
84 100
49 136.4 120.1 180.1
51 43.7 36.3 54.5
86 67.9 50.8 76.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.013 min

Lab File: VL040408.D

Acq: 11 May 2023 20:02

Instrument :

MSVOA_L

ClientSampleId :

SV-02-20230510DL

Tgt Ion:114 Resp: 2777740

Ion Ratio Lower Upper

114 100

63 25.8 21.4 32.0

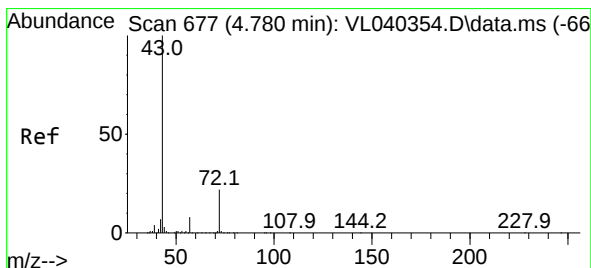
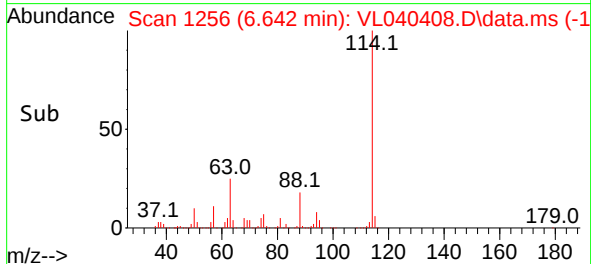
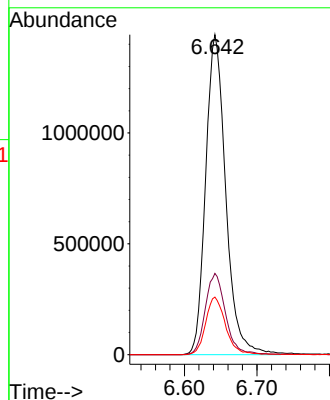
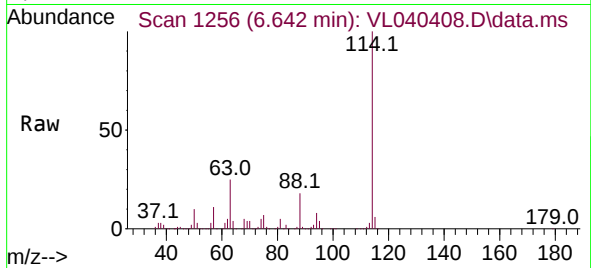
88 18.0 14.6 22.0

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#34

2-Butanone

Concen: 1.185 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.000 min

Lab File: VL040408.D

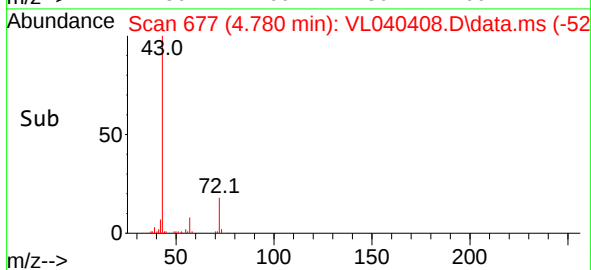
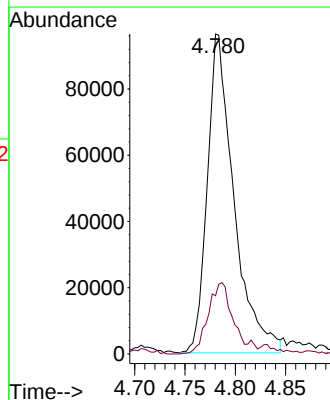
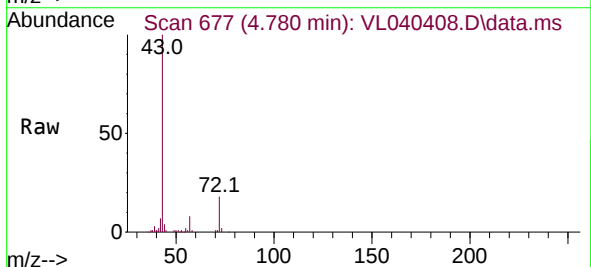
Acq: 11 May 2023 20:02

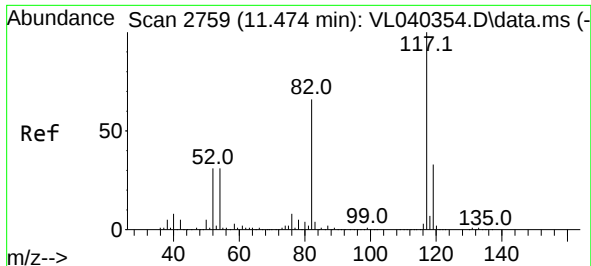
Tgt Ion: 43 Resp: 177456

Ion Ratio Lower Upper

43 100

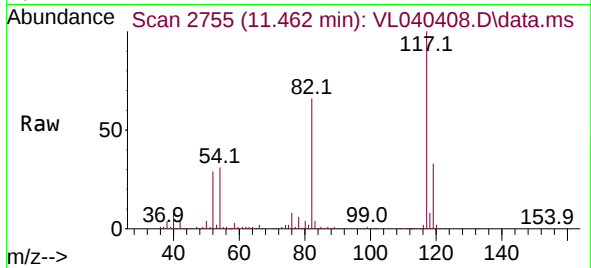
72 23.9 18.4 27.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.012 min
Lab File: VL040408.D
Acq: 11 May 2023 20:02

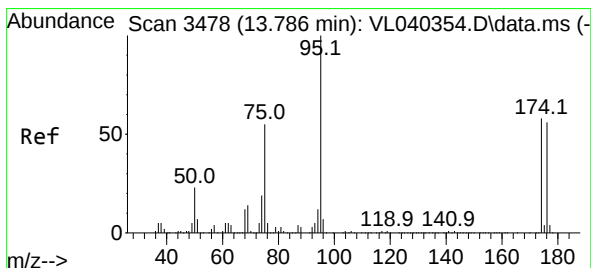
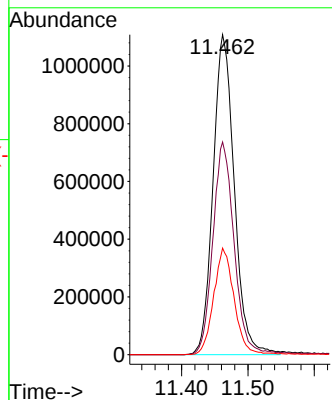
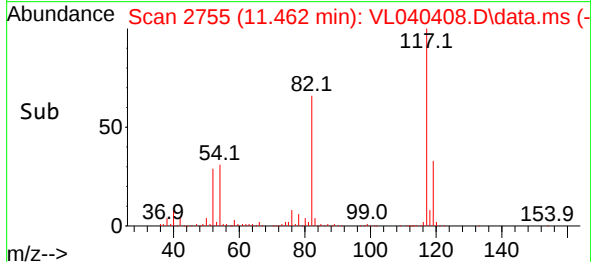
Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 246232
Ion Ratio Lower Upper
117 100
82 67.5 52.5 78.7
119 32.4 24.3 36.5

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Supervised By :Mahesh Dadoda 05/15/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.422 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.009 min
Lab File: VL040408.D
Acq: 11 May 2023 20:02

Tgt Ion: 95 Resp: 1918521
Ion Ratio Lower Upper
95 100
174 60.8 47.2 70.8
175 4.3 3.5 5.3

