

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040406.D
 Acq On : 11 May 2023 18:42
 Operator : SY/MD
 Sample : 02748-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-04-20230510DL

Manual Integrations
 APPROVED

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

Quant Time: May 12 05:56:04 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	1100956	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2769625	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	2439928	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1899822	9.416	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.200%
Target Compounds						
					Qvalue	
15) Acetone	3.462	43	90229	0.579	ppbv #	88
20) Methylene Chloride	3.915	84	50144	0.805	ppbv #	90
26) Hexane	5.198	57	30696m	0.277	ppbv	

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

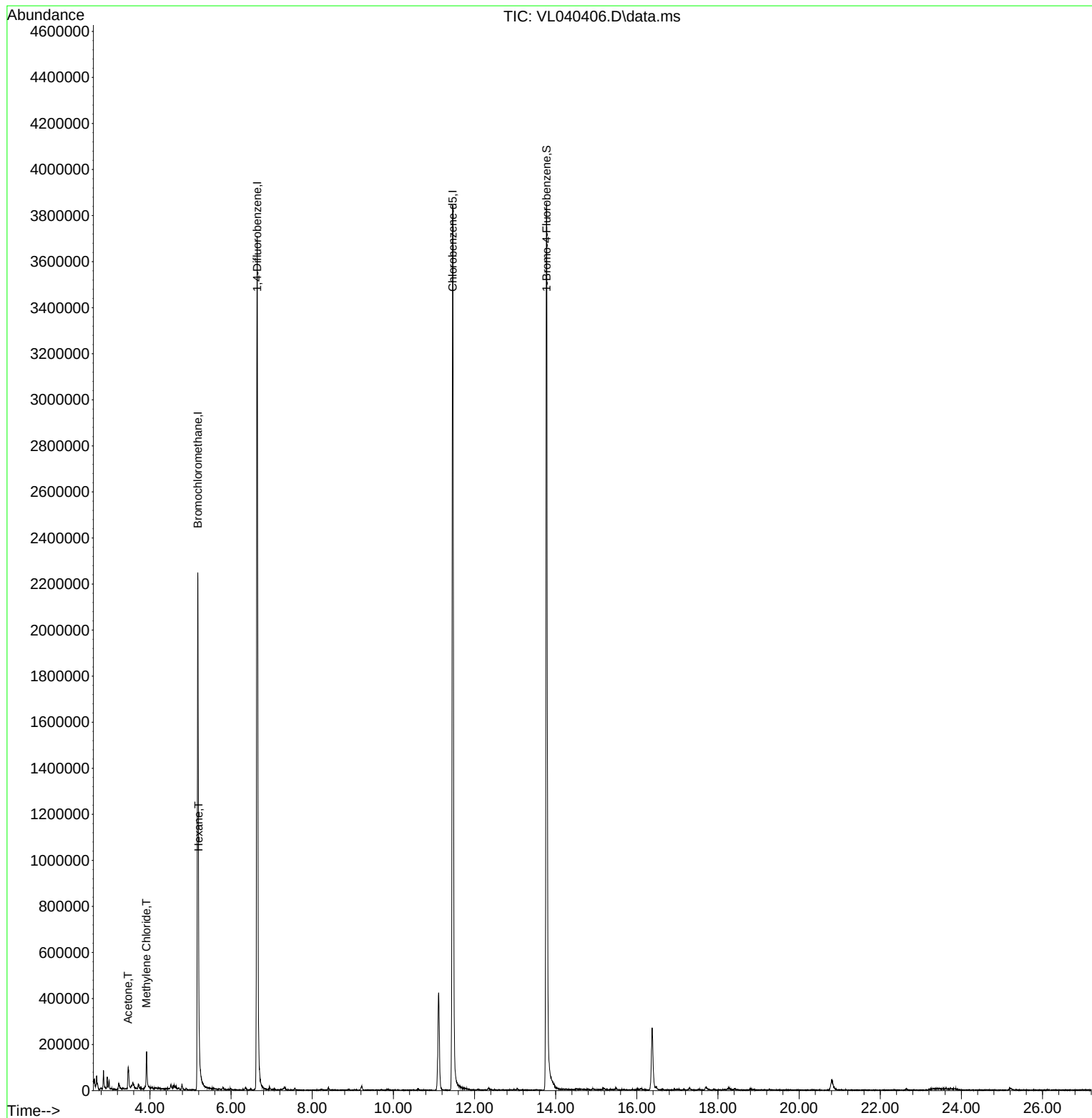
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Data File : VL040406.D
Acq On : 11 May 2023 18:42
Operator : SY/MD
Sample : 02748-01DL 10X
Misc : 400mL/MSVOA_L
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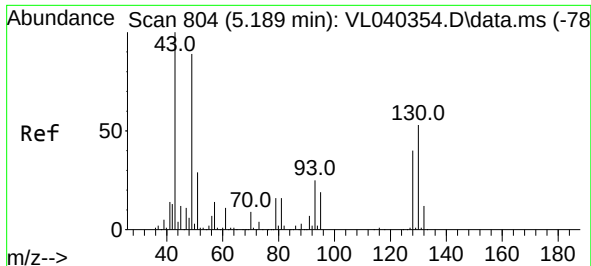
Instrument :
MSVOA_L
ClientSampleId :
SV-04-20230510DL

Quant Time: May 12 05:56:04 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

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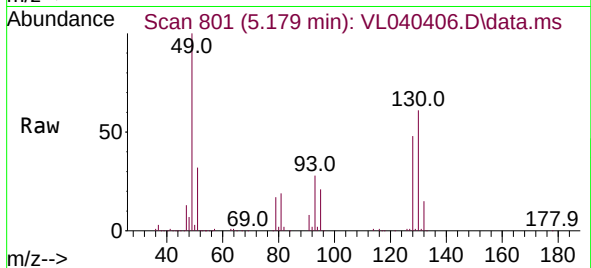
Reviewed By : Semsettin Yesilyurt 05/14/2023
Supervised By : Mahesh Dadoda 05/15/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 804
Delta R.T. -0.010 min
Lab File: VL040406.D
Acq: 11 May 2023 18:42

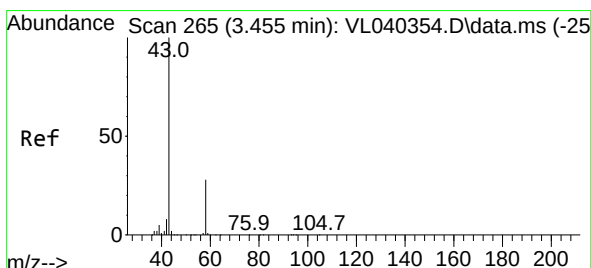
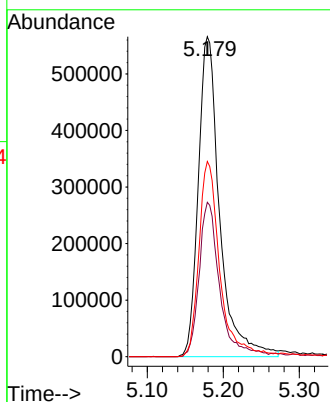
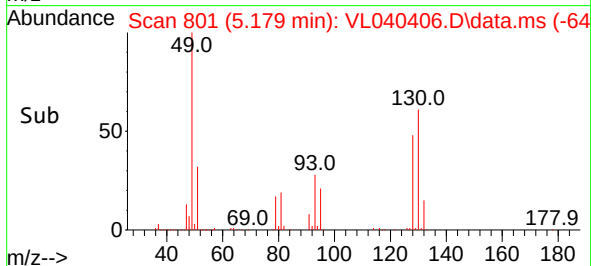
Instrument :
MSVOA_L
ClientSampleId :
SV-04-20230510DL



Tgt Ion: 49 Resp: 1100950
Ion Ratio Lower Upper
49 100
128 48.5 23.7 71.1
130 61.6 29.9 89.8

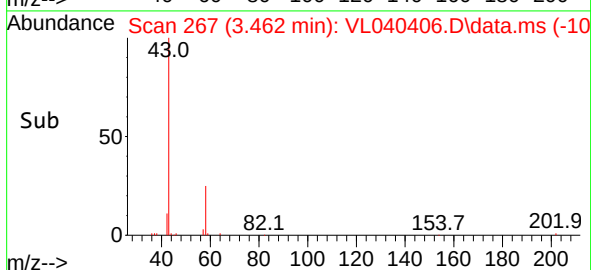
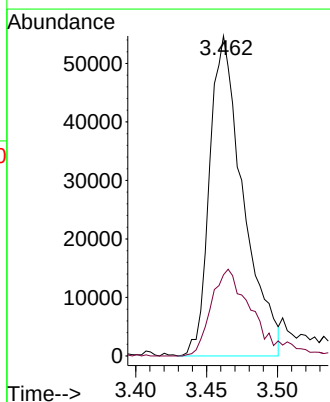
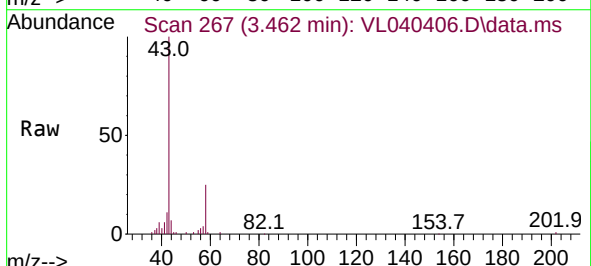
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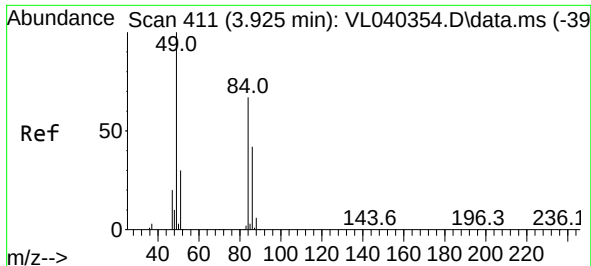
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#15
Acetone
Concen: 0.579 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.007 min
Lab File: VL040406.D
Acq: 11 May 2023 18:42

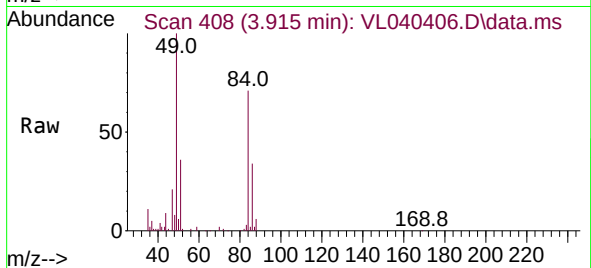
Tgt Ion: 43 Resp: 90229
Ion Ratio Lower Upper
43 100
58 33.8 22.2 33.2#





#20
Methylene Chloride
Concen: 0.805 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.010 min
Lab File: VL040406.D
Acq: 11 May 2023 18:42

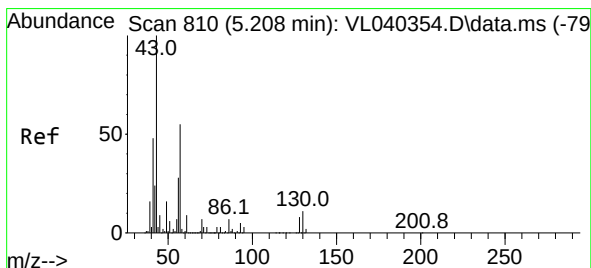
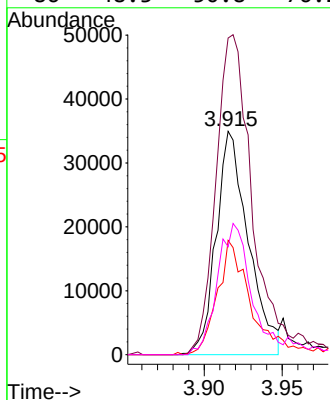
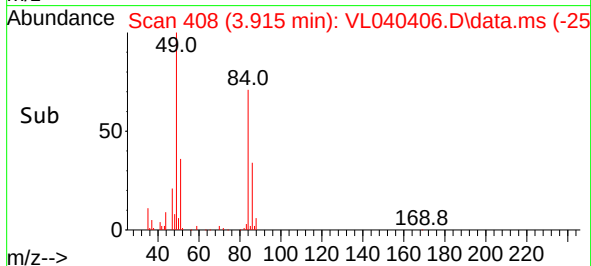
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Tgt Ion: 84 Resp: 50144
Ion Ratio Lower Upper
84 100
49 141.3 120.1 180.1
51 50.2 36.3 54.5
86 48.3 50.8 76.2#

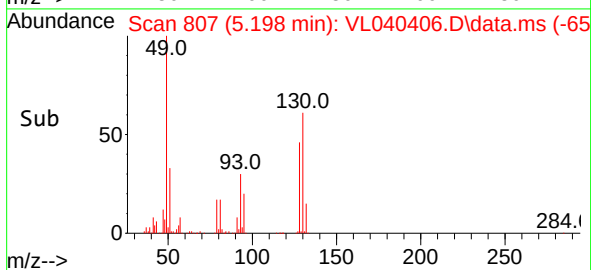
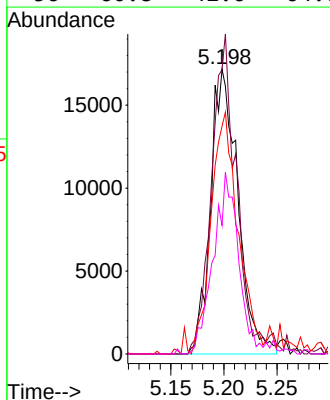
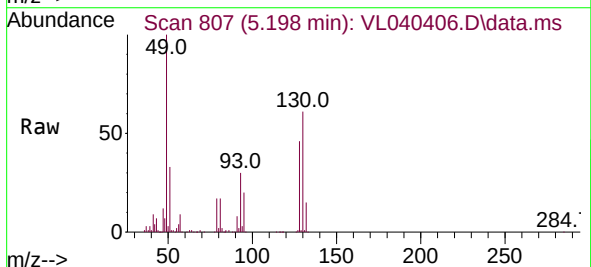
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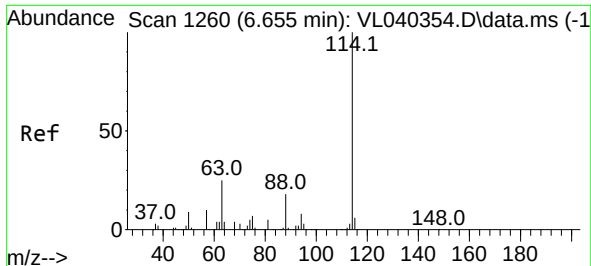
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#26
Hexane
Concen: 0.277 ppbv m
RT: 5.198 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL040406.D
Acq: 11 May 2023 18:42

Tgt Ion: 57 Resp: 30696
Ion Ratio Lower Upper
57 100
41 104.7 74.8 112.2
43 87.5 192.7 289.1#
56 60.8 42.6 64.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040406.D

Acq: 11 May 2023 18:42

Instrument :

MSVOA_L

ClientSampleId :

SV-04-20230510DL

Tgt Ion:114 Resp: 276962

Ion Ratio Lower Upper

114 100

63 25.4 21.4 32.0

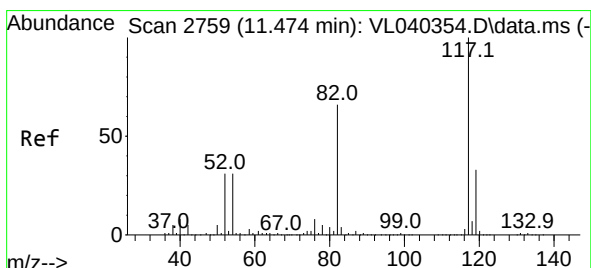
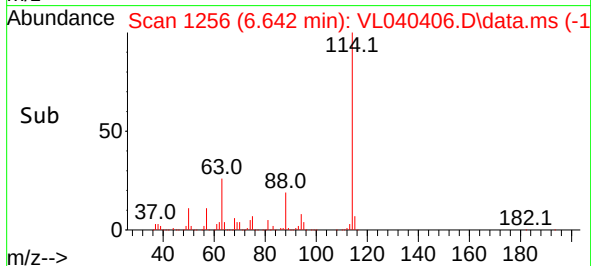
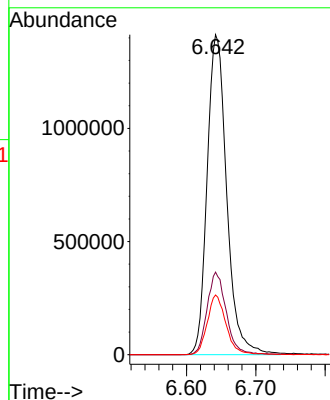
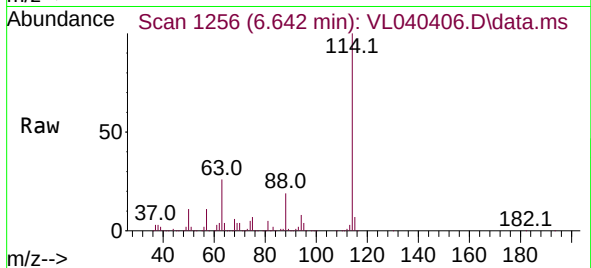
88 18.0 14.6 22.0

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. -0.009 min

Lab File: VL040406.D

Acq: 11 May 2023 18:42

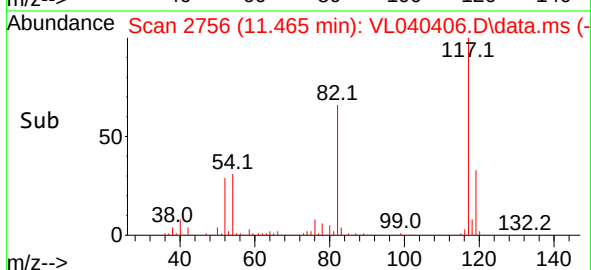
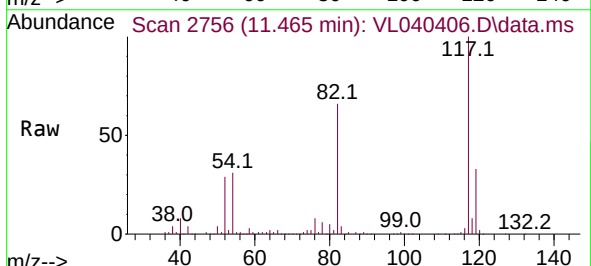
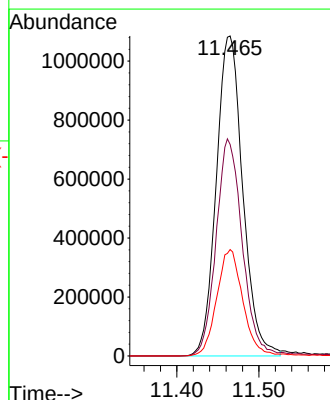
Tgt Ion:117 Resp: 2439928

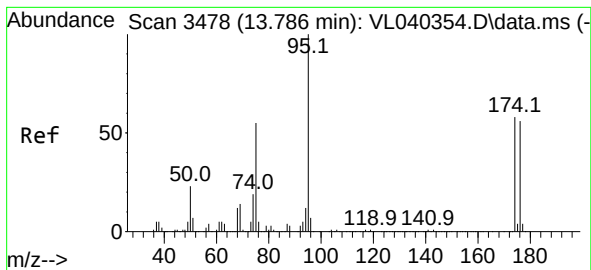
Ion Ratio Lower Upper

117 100

82 67.8 52.5 78.7

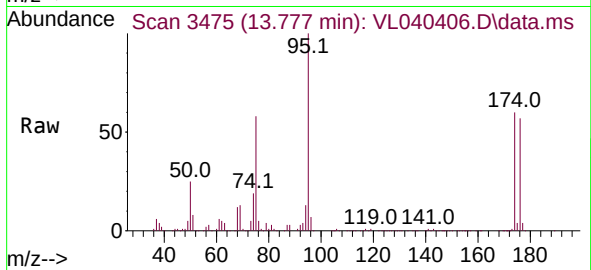
119 33.1 24.3 36.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.416 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. -0.009 min
 Lab File: VL040406.D
 Acq: 11 May 2023 18:42

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 189982
 Ion Ratio Lower Upper
 95 100
 174 61.6 47.2 70.8
 175 4.2 3.5 5.3

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