

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040423\
 Data File : VL040305.D
 Acq On : 4 Apr 2023 14:52
 Operator : SY/MD
 Sample : QC033023 CAN 10158
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC033023 CAN 10158

Quant Time: Apr 05 01:30:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	997673	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2520092	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	2222267	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1844477	9.911	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%

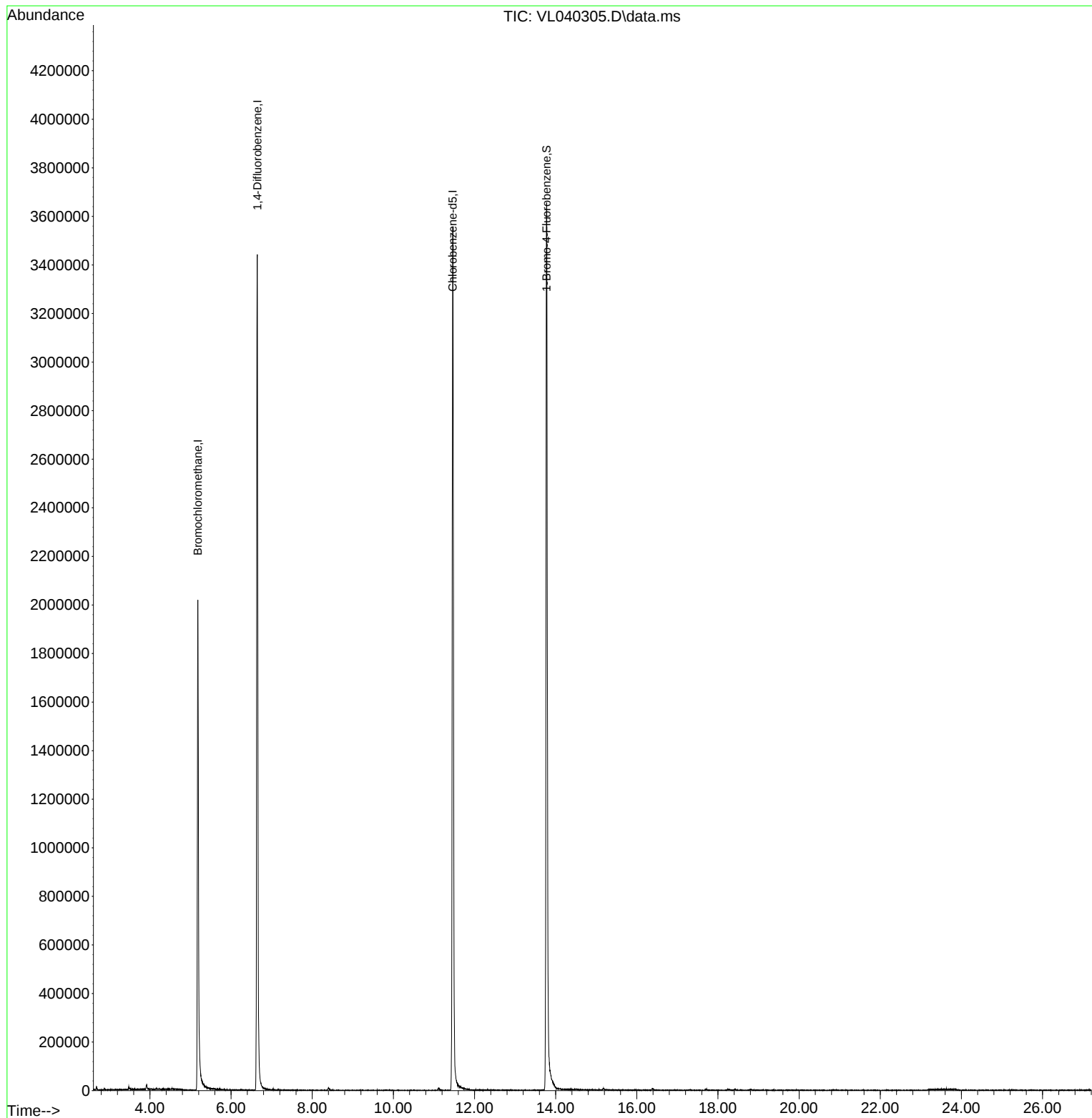
Target Compounds	Qvalue

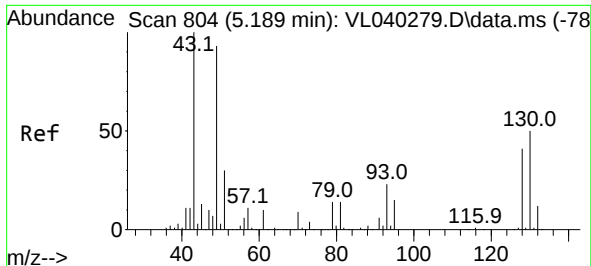
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.182 min Scan# 804

Delta R.T. -0.007 min

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MSVOA_L

ClientSampleId :

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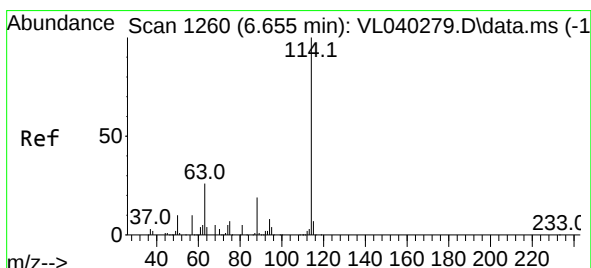
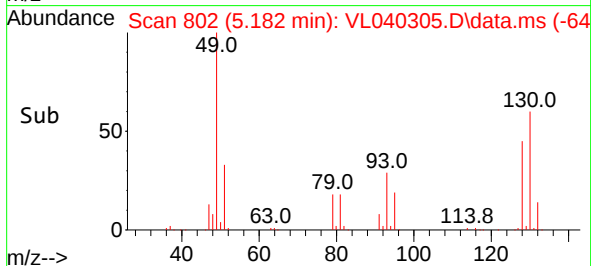
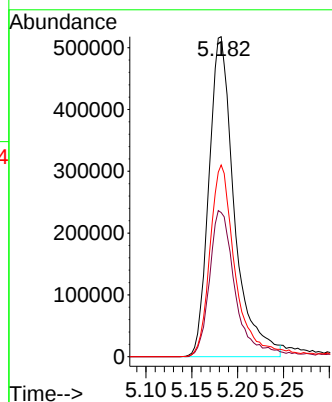
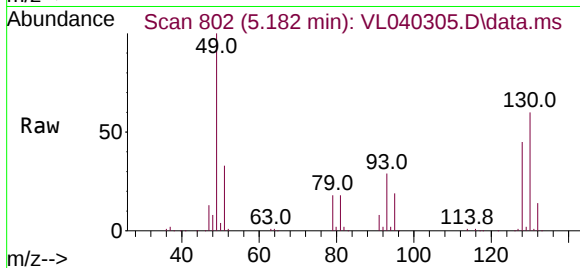
Tgt Ion: 49 Resp: 997673

Ion Ratio Lower Upper

49 100

128 48.1 22.4 67.3

130 62.3 28.7 86.1



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.010 min

Lab File: VL040305.D

Acq: 4 Apr 2023 14:52

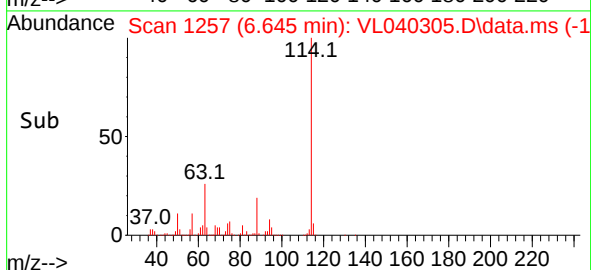
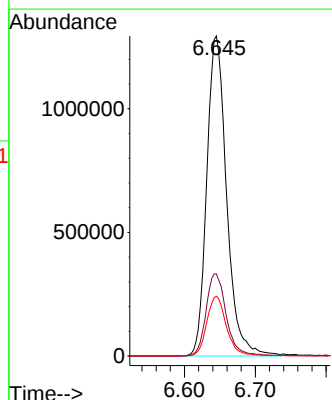
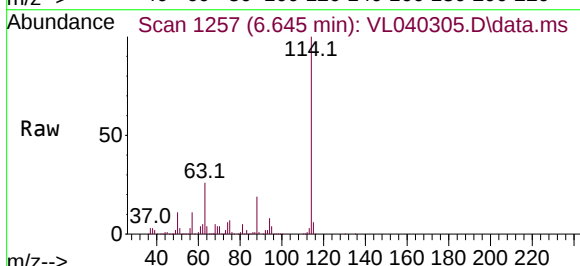
Tgt Ion: 114 Resp: 2520092

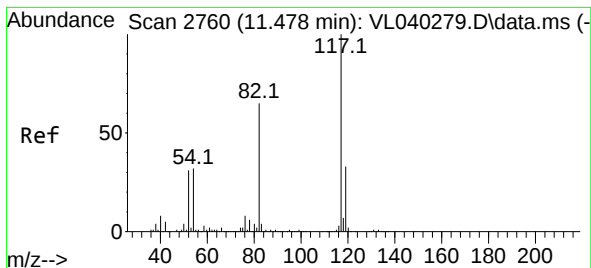
Ion Ratio Lower Upper

114 100

63 26.3 21.2 31.8

88 18.6 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 21

Delta R.T. -0.013 min

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Instrument :

MSVOA_1

ClientSampleId :

QC033023 CAN 10158

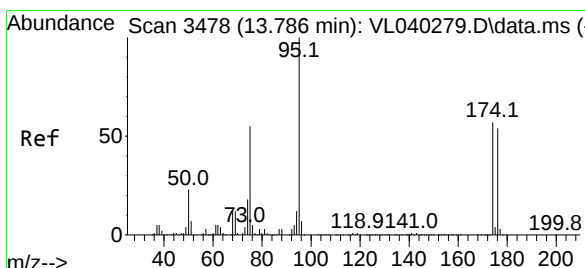
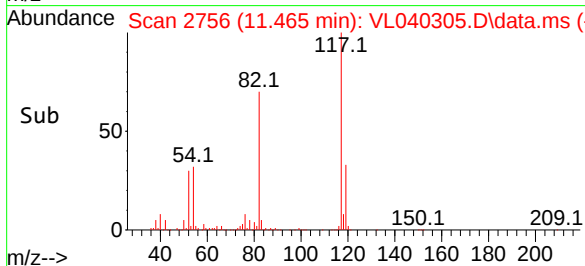
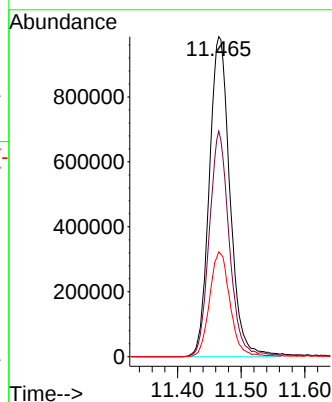
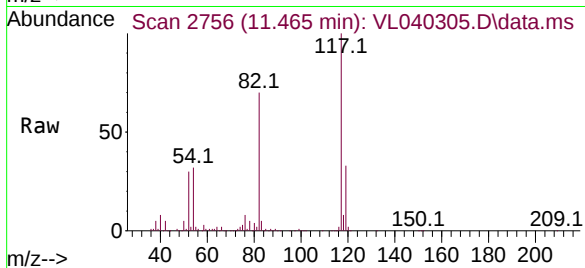
Tgt Ion:117 Resp: 2222267

Ion Ratio Lower Upper

117 100

82 68.6 51.4 77.2

119 32.5 24.0 36.0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.911 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. -0.009 min

Lab File: VL040305.D

Acq: 4 Apr 2023 14:52

Tgt Ion: 95 Resp: 1844477

Ion Ratio Lower Upper

95 100

174 59.9 47.0 70.6

175 4.3 3.4 5.2

