

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040336.D
 Acq On : 12 Apr 2023 10:43
 Operator : SY/MD
 Sample : VL0412ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABL01

Quant Time: Apr 13 05:36:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1100072	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2723206	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2416838	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.786	95	1936100	9.566	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%

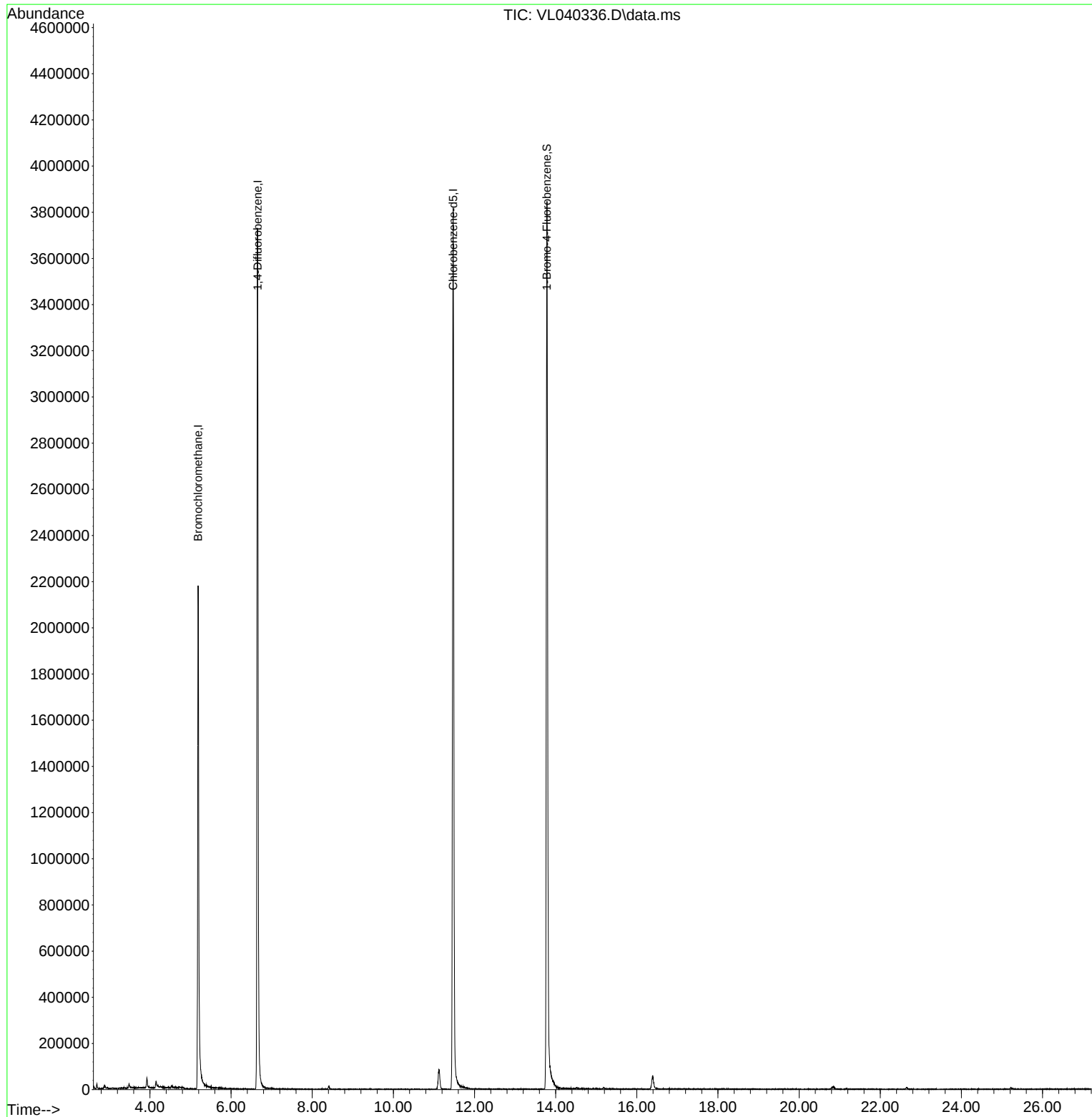
Target Compounds	Qvalue

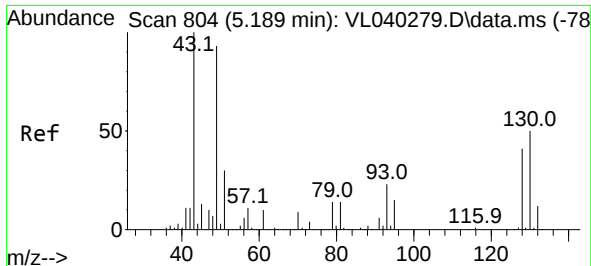
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 13 05:36:30 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 : Tue Apr 11 04:15:53 2023
Response via : Initial Calibration

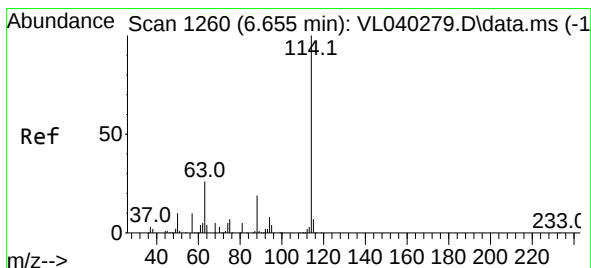
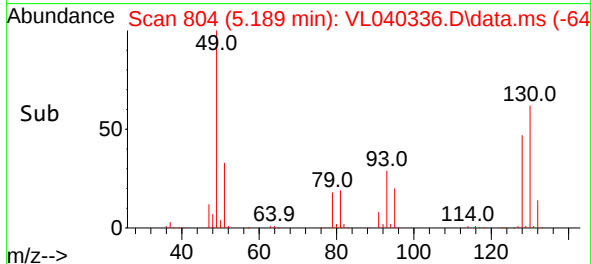
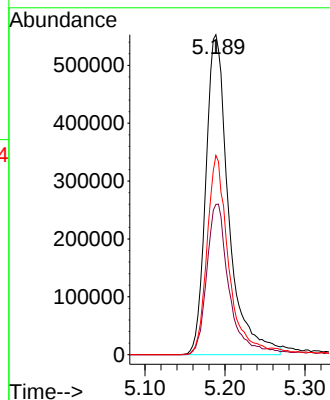
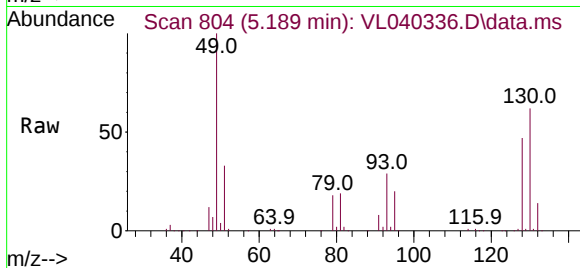




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040336.D
Acq: 12 Apr 2023 10:43

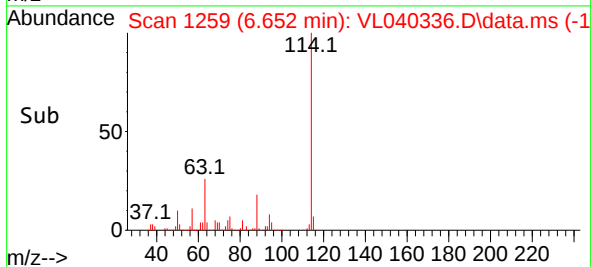
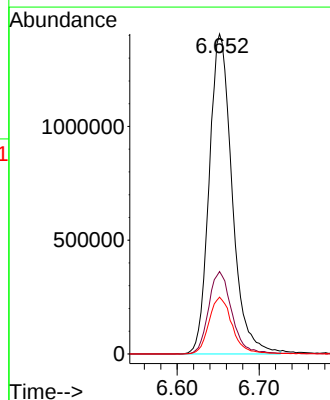
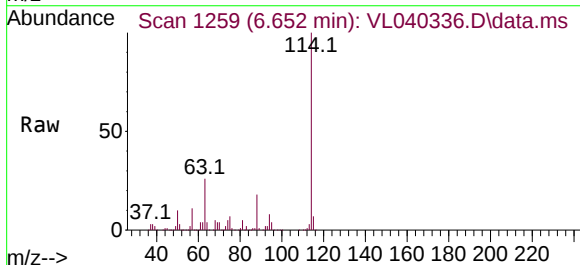
Instrument :
MSVOA_1
ClientSampleId :
VL0412ABL01

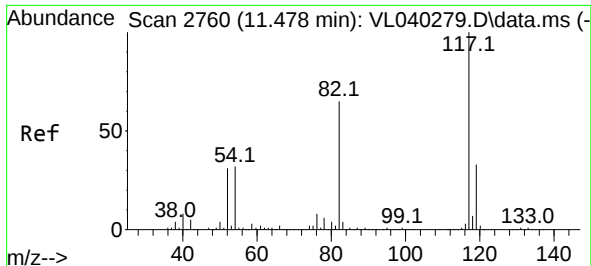
Tgt Ion: 49 Resp: 1100072
Ion Ratio Lower Upper
49 100
128 47.7 22.4 67.3
130 61.4 28.7 86.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL040336.D
Acq: 12 Apr 2023 10:43

Tgt Ion: 114 Resp: 2723206
Ion Ratio Lower Upper
114 100
63 26.4 21.2 31.8
88 18.1 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL040336.D

Acq: 12 Apr 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABL01

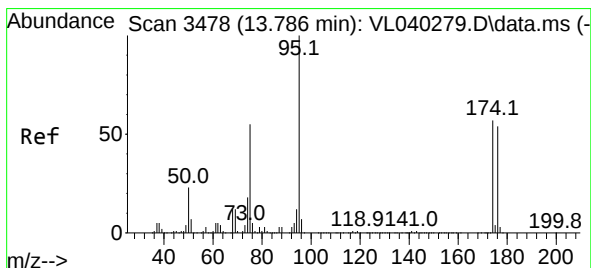
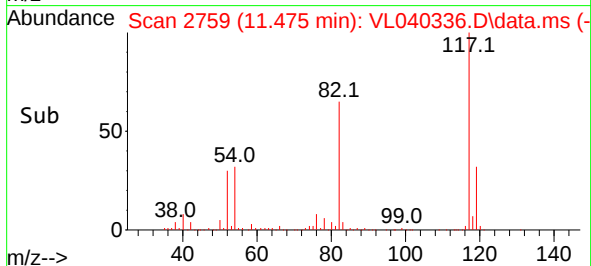
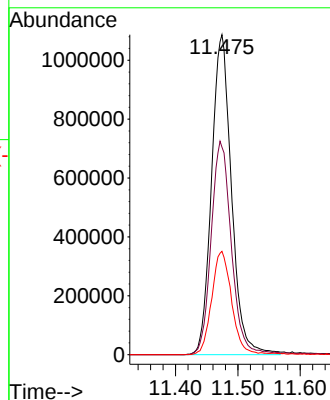
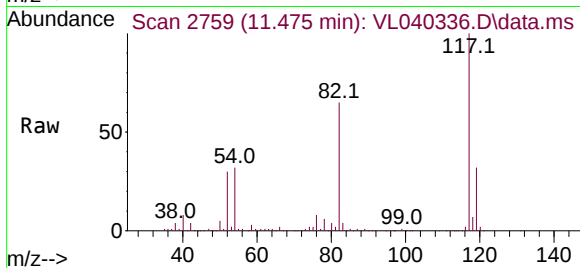
Tgt Ion:117 Resp: 2416838

Ion Ratio Lower Upper

117 100

82 67.6 51.4 77.2

119 32.7 24.0 36.0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.566 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.000 min

Lab File: VL040336.D

Acq: 12 Apr 2023 10:43

Tgt Ion: 95 Resp: 1936100

Ion Ratio Lower Upper

95 100

174 59.5 47.0 70.6

175 4.4 3.4 5.2

