

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039682.D
 Acq On : 4 Oct 2022 15:51
 Operator : SY/AP
 Sample : VL1004ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABL01

Quant Time: Oct 05 04:39:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1093043	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2845634	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2575439	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1862668	9.688	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%

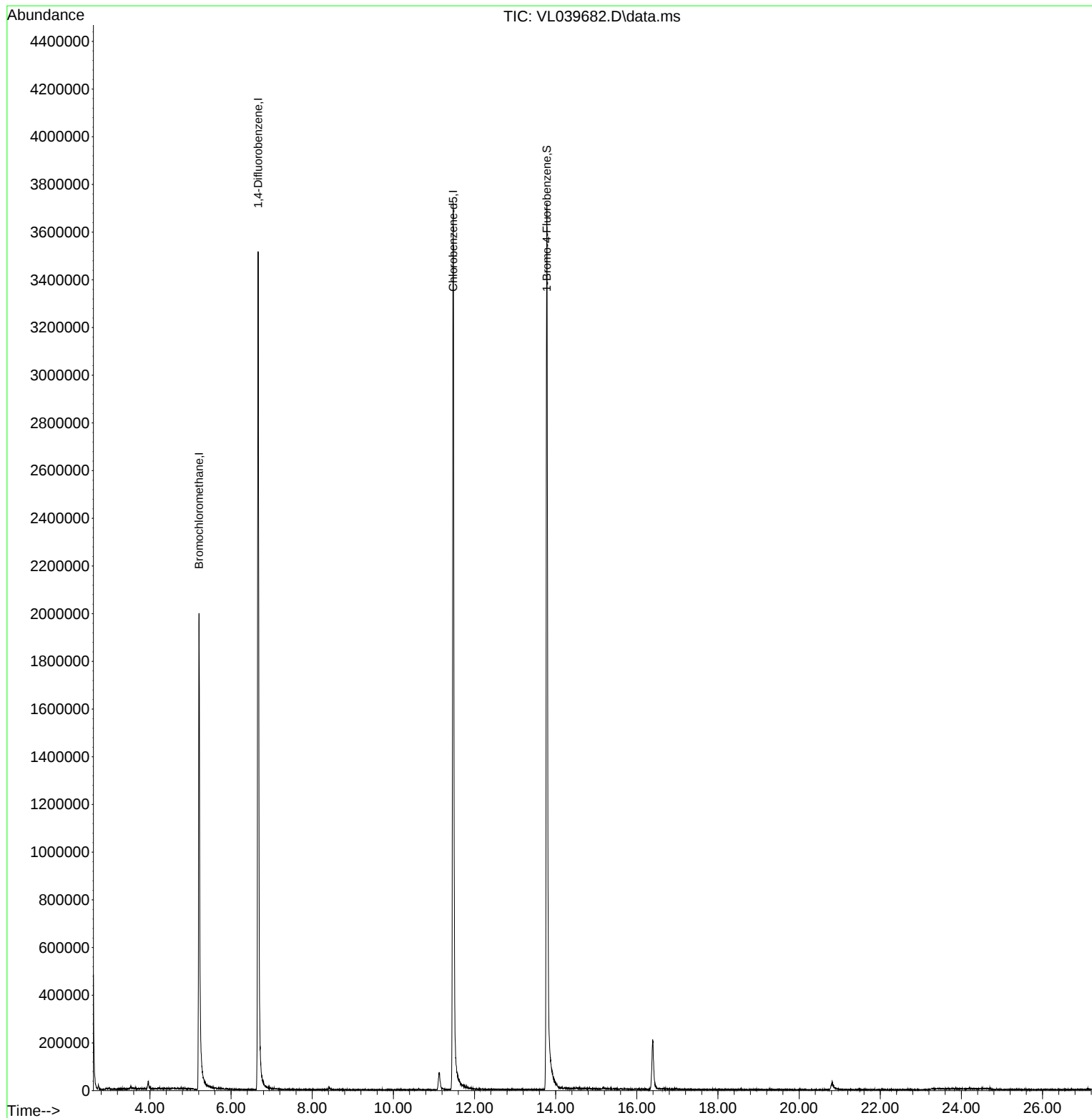
Target Compounds	Qvalue

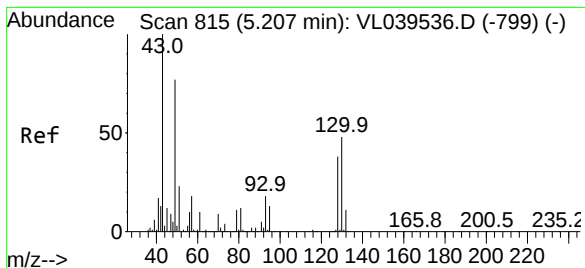
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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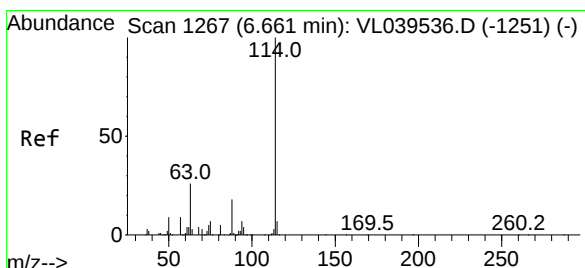
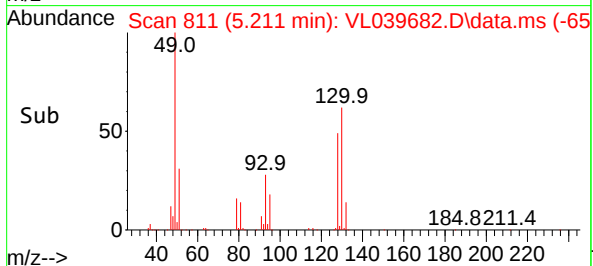
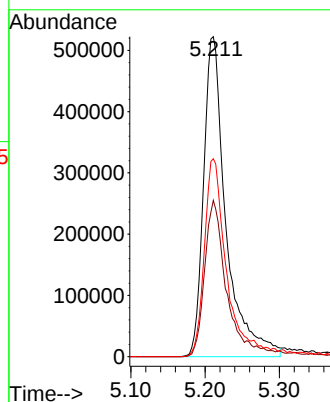
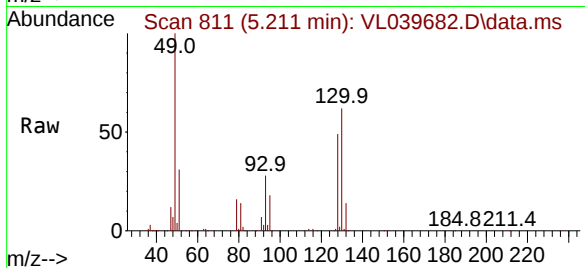




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.211 min Scan# 815
 Delta R.T. 0.004 min
 Lab File: VL039682.D
 Acq: 4 Oct 2022 15:51

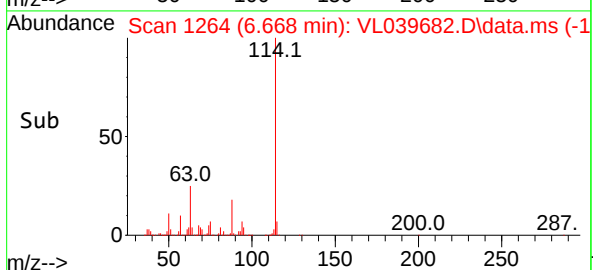
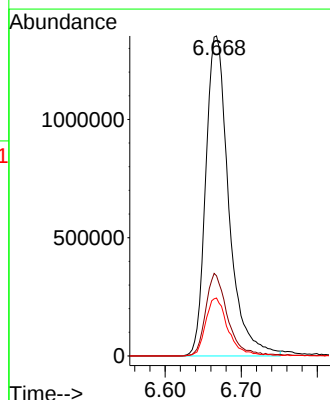
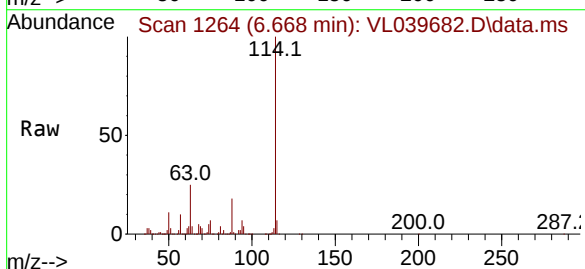
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABL01

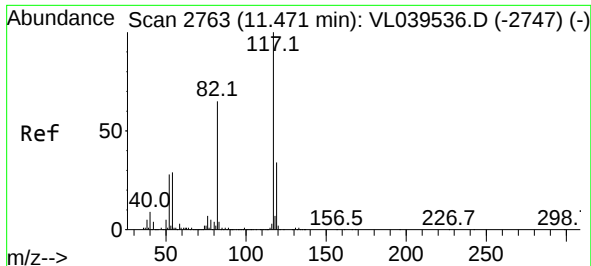
Tgt Ion: 49 Resp: 1093043
 Ion Ratio Lower Upper
 49 100
 128 49.9 26.7 80.0
 130 64.4 34.3 102.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.668 min Scan# 1264
 Delta R.T. 0.007 min
 Lab File: VL039682.D
 Acq: 4 Oct 2022 15:51

Tgt Ion: 114 Resp: 2845634
 Ion Ratio Lower Upper
 114 100
 63 25.1 20.2 30.4
 88 17.9 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 21

Delta R.T. 0.004 min

Lab File: VL039682.D

Acq: 4 Oct 2022 15:51

Instrument :

MSVOA_1

ClientSampleId :

VL1004ABL01

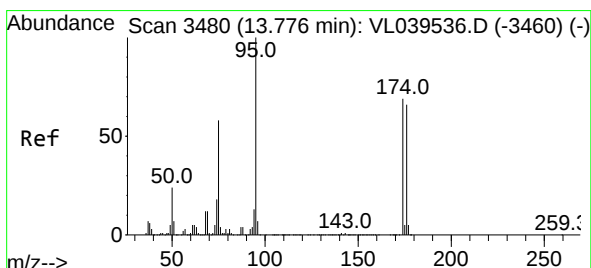
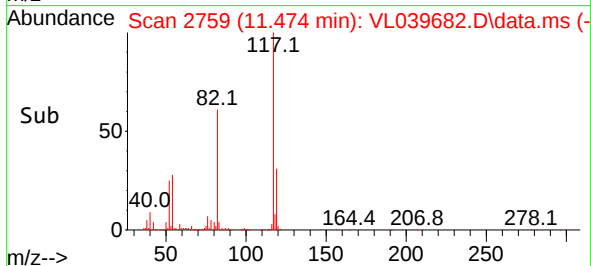
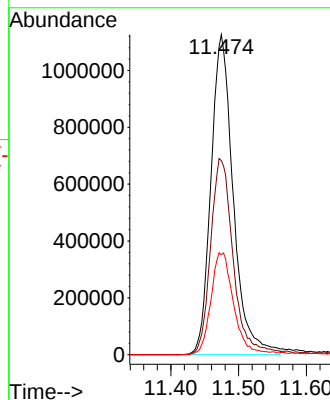
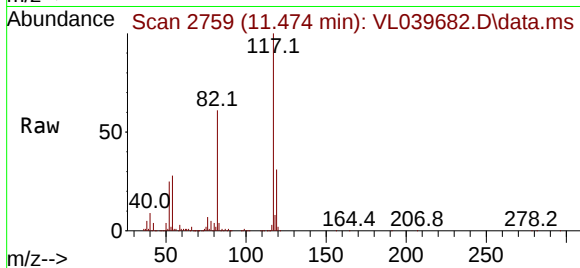
Tgt Ion:117 Resp: 2575439

Ion Ratio Lower Upper

117 100

82 63.9 50.8 76.2

119 33.0 24.1 36.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.688 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. 0.007 min

Lab File: VL039682.D

Acq: 4 Oct 2022 15:51

Tgt Ion: 95 Resp: 1862668

Ion Ratio Lower Upper

95 100

174 73.2 55.9 83.9

175 5.5 4.2 6.4

