

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039563.D
 Acq On : 18 Aug 2022 17:41
 Operator : SY/AP
 Sample : QC072822 CAN 10410
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC072822 CAN 10410

Quant Time: Aug 19 03:03:44 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	977781	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2597699	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2309383	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1724982	9.922	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%

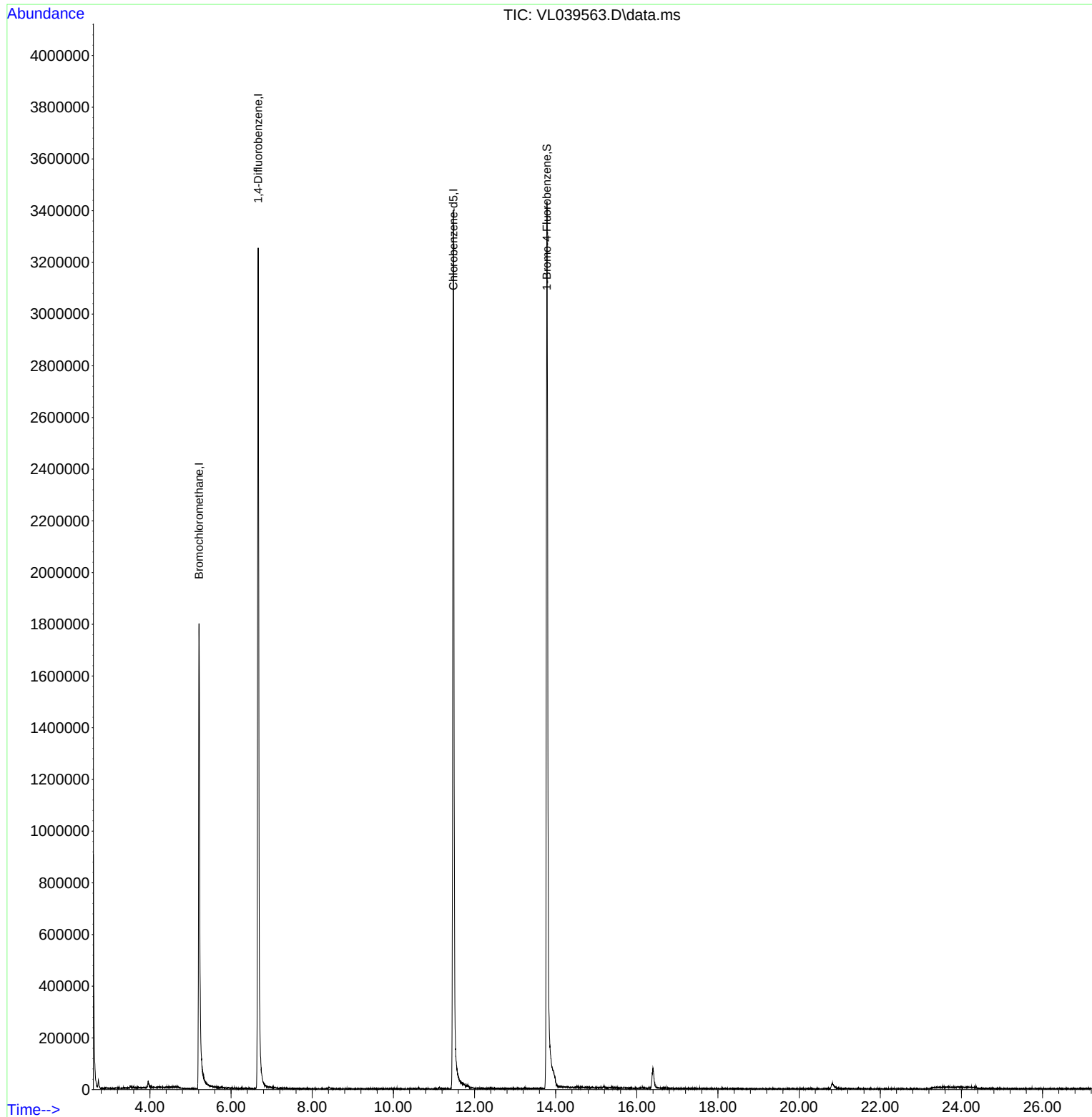
Target Compounds	Qvalue

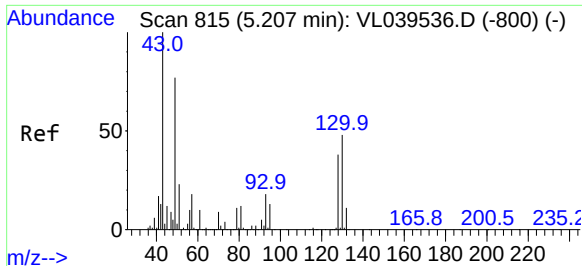
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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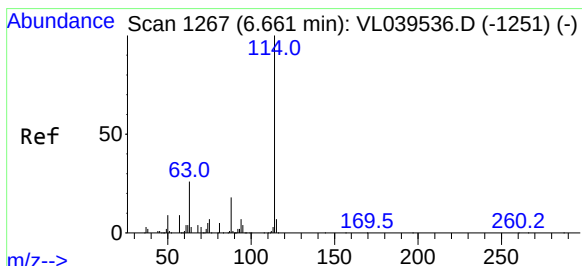
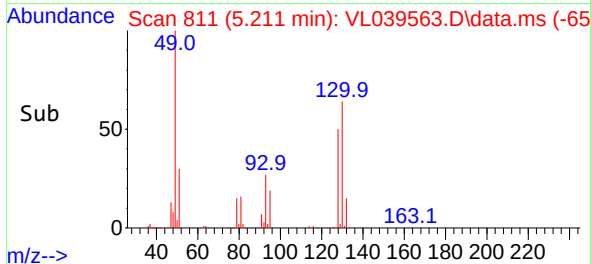
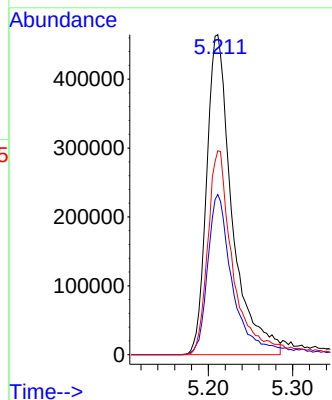
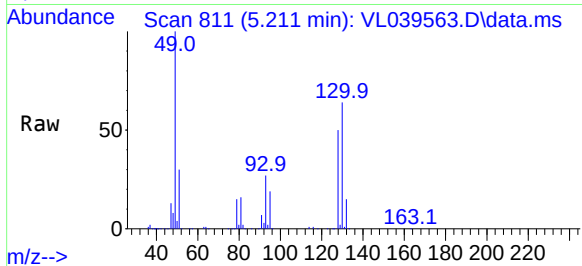




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 815
Delta R.T. 0.004 min
Lab File: VL039563.D
Acq: 18 Aug 2022 17:41

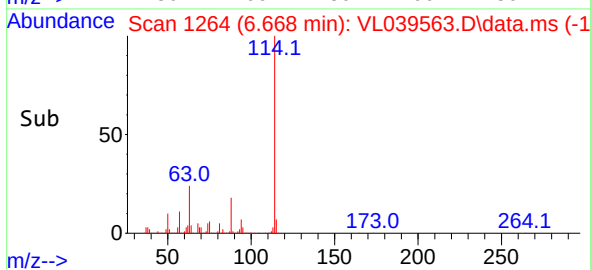
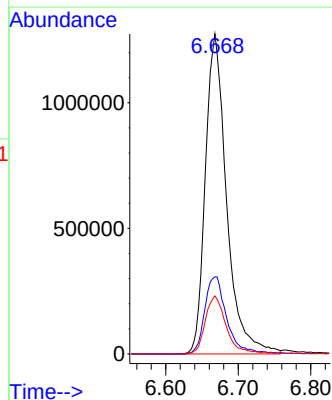
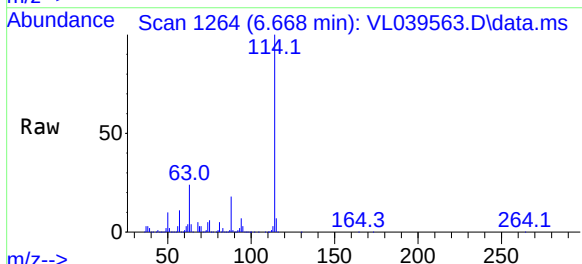
Instrument :
MSVOA_L
ClientSampleId :
QC072822 CAN 10410

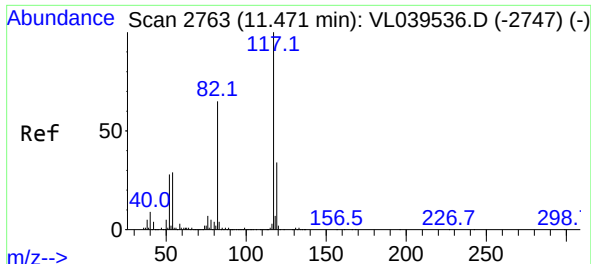
Tgt Ion: 49 Resp: 977781
Ion Ratio Lower Upper
49 100
128 51.6 25.7 77.0
130 65.8 31.6 95.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VL039563.D
Acq: 18 Aug 2022 17:41

Tgt Ion: 114 Resp: 2597699
Ion Ratio Lower Upper
114 100
63 25.3 20.6 31.0
88 18.2 14.6 22.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL039563.D

Acq: 18 Aug 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

QC072822 CAN 10410

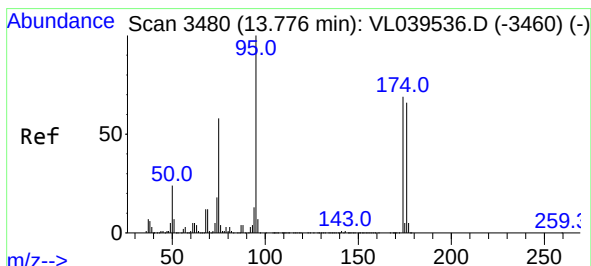
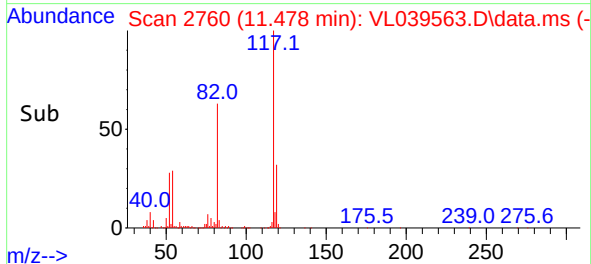
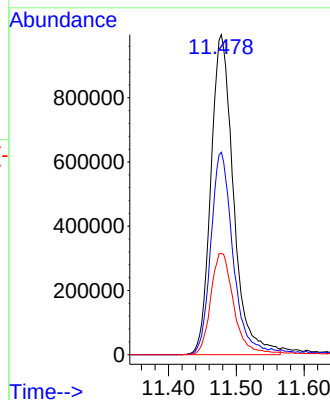
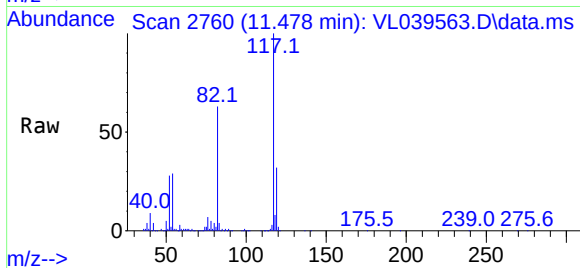
Tgt Ion:117 Resp: 2309383

Ion Ratio Lower Upper

117 100

82 64.1 49.1 73.7

119 33.3 25.9 38.9



#68

1-Bromo-4-Fluorobenzene

Concen: 9.922 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.010 min

Lab File: VL039563.D

Acq: 18 Aug 2022 17:41

Tgt Ion: 95 Resp: 1724982

Ion Ratio Lower Upper

95 100

174 73.6 56.3 84.5

175 5.3 4.3 6.5

