

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
 Data File : VL039332.D
 Acq On : 22 Jun 2022 22:48
 Operator : SY/AP
 Sample : QC062022 CAN 10448
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062022 CAN 10448

Quant Time: Jun 23 07:30:58 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.665	49	1050265	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	3054781	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.079	117	2729666	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2095869	9.287	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.900%

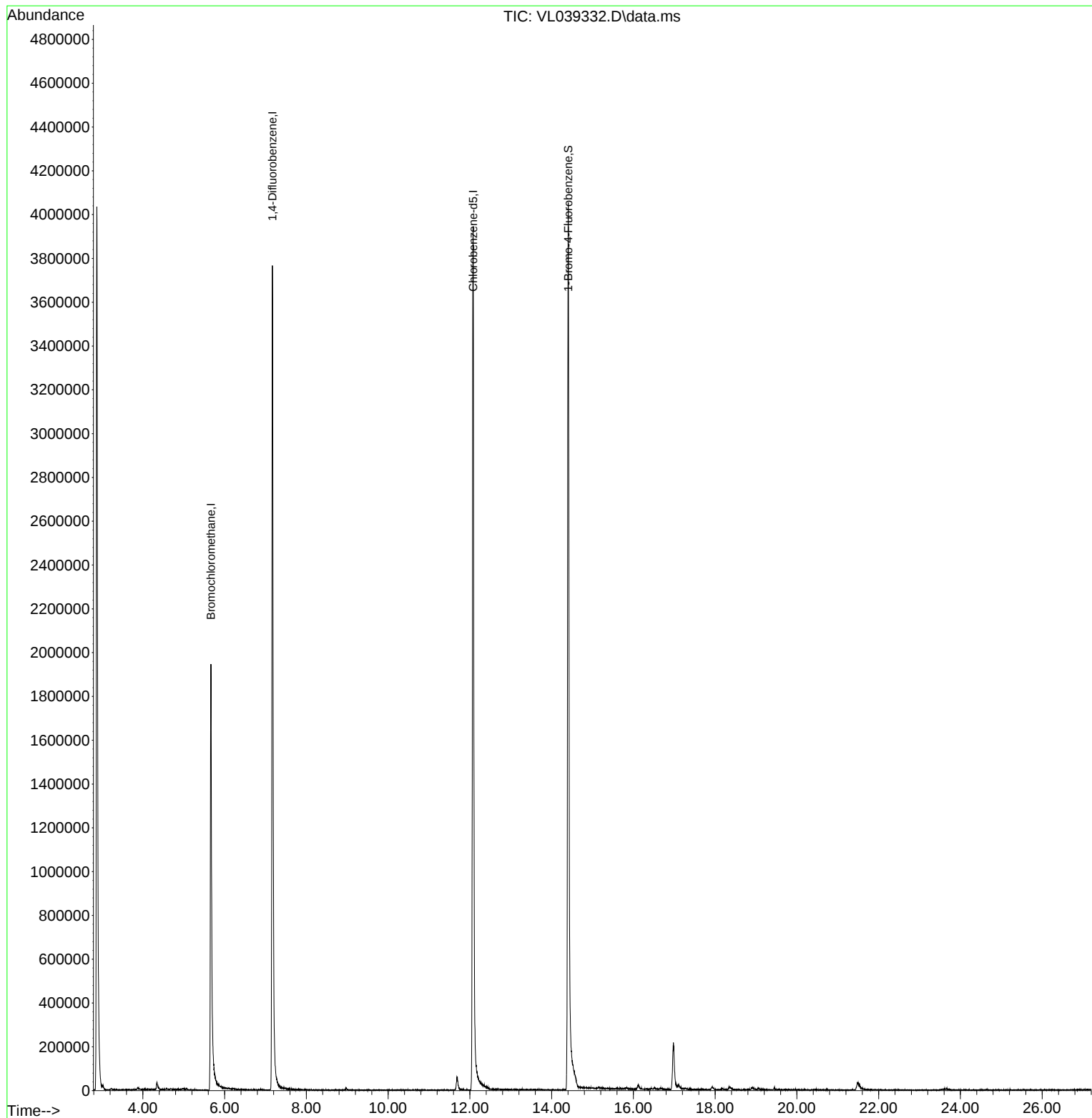
Target Compounds	Qvalue

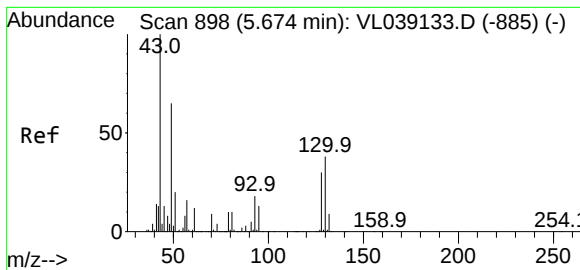
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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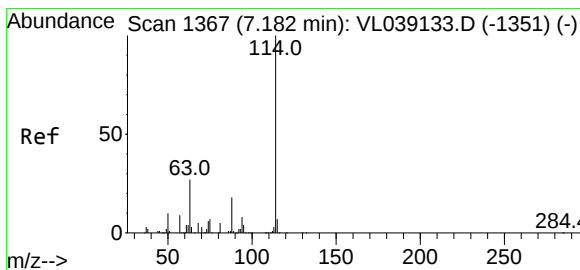
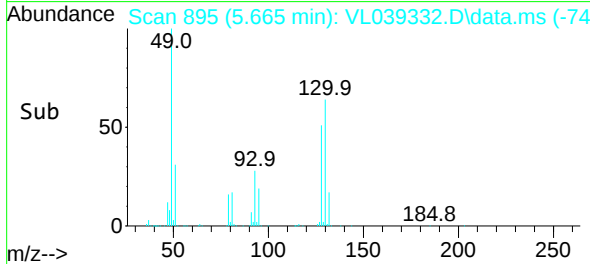
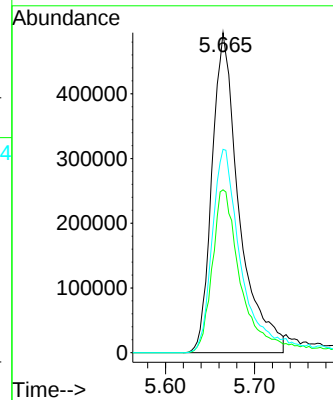
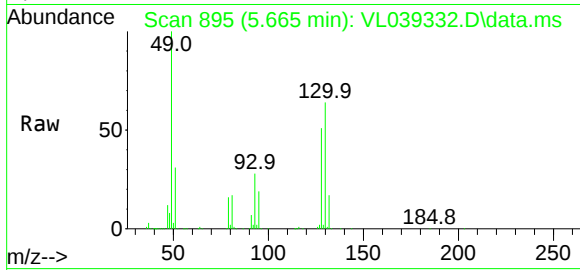


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.665 min Scan# 895
 Delta R.T. -0.010 min
 Lab File: VL039332.D
 Acq: 22 Jun 2022 22:48

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062022 CAN 10448

Tgt Ion: 49 Resp: 1050265

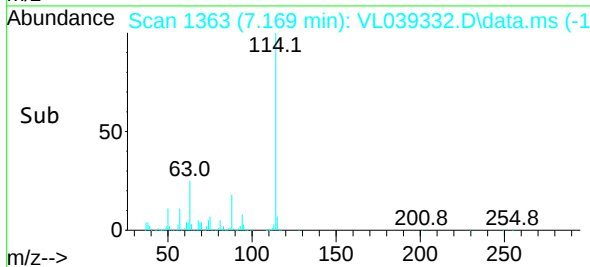
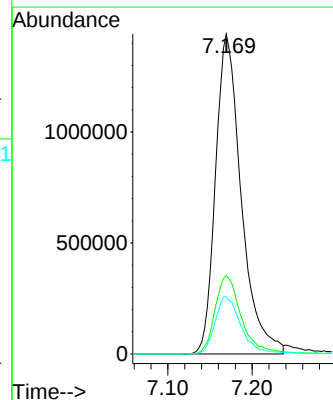
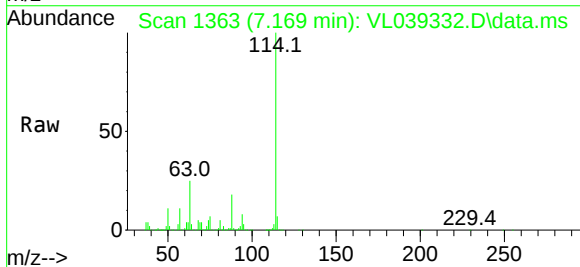
Ion	Ratio	Lower	Upper
49	100		
128	56.2	24.7	74.1
130	72.4	31.4	94.0

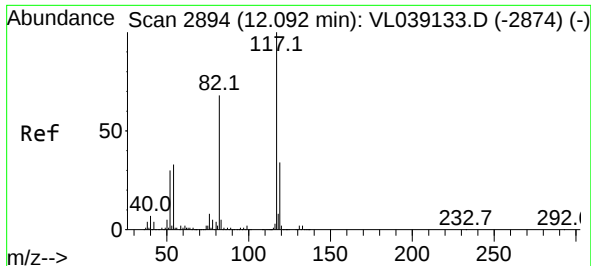


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.169 min Scan# 1363
 Delta R.T. -0.013 min
 Lab File: VL039332.D
 Acq: 22 Jun 2022 22:48

Tgt Ion: 114 Resp: 3054781

Ion	Ratio	Lower	Upper
114	100		
63	25.7	21.7	32.5
88	18.3	14.8	22.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.079 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL039332.D

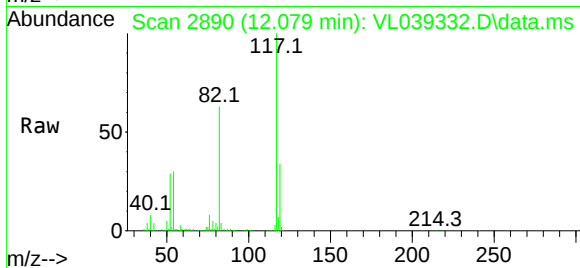
Acq: 22 Jun 2022 22:48

Instrument :

MSVOA_L

ClientSampleId :

QC062022 CAN 10448



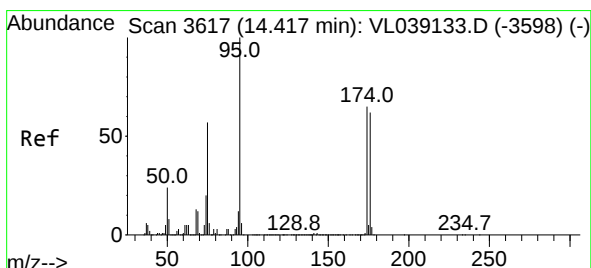
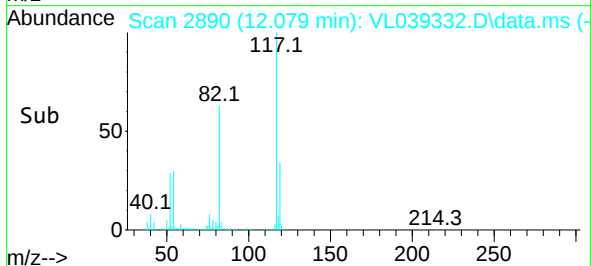
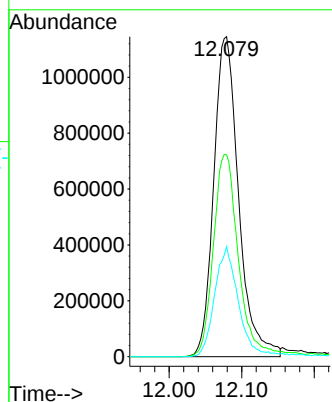
Tgt Ion:117 Resp: 2729666

Ion Ratio Lower Upper

117 100

82 65.6 55.1 82.7

119 33.3 24.7 37.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.287 ppbv

RT: 14.407 min Scan# 3614

Delta R.T. -0.010 min

Lab File: VL039332.D

Acq: 22 Jun 2022 22:48

Tgt Ion: 95 Resp: 2095869

Ion Ratio Lower Upper

95 100

174 69.9 53.8 80.8

175 5.1 4.1 6.1

