

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072022\
 Data File : VL039516.D
 Acq On : 20 Jul 2022 18:41
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 21 06:08:16 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.687	49	919655	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	7.195	114	2571423	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.108	117	2263669	10.000	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.436	95	1636385	9.744	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%

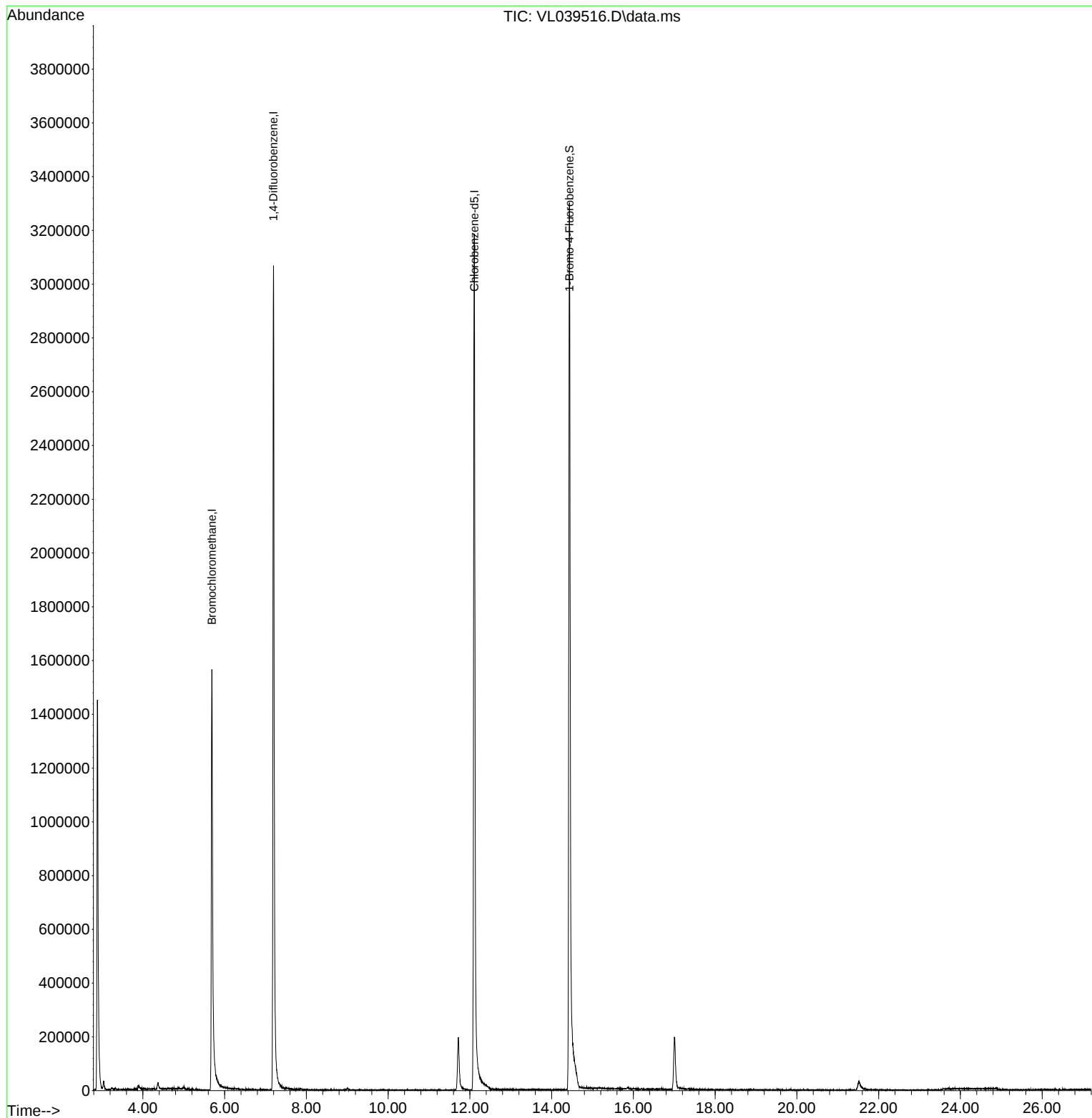
Target Compounds	Qvalue

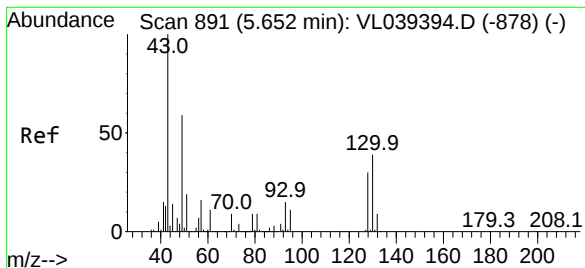
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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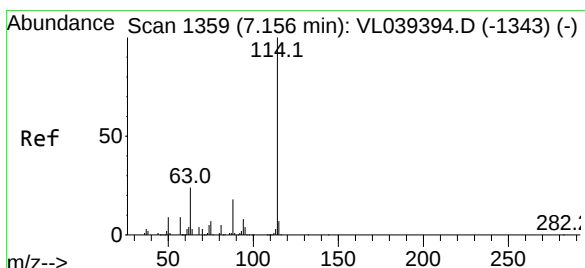
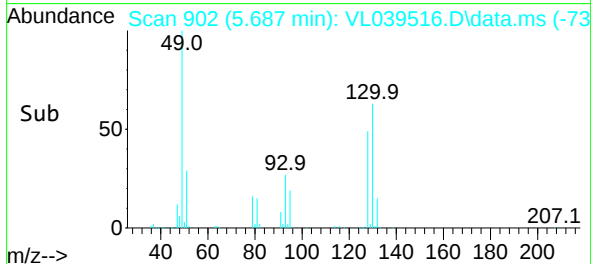
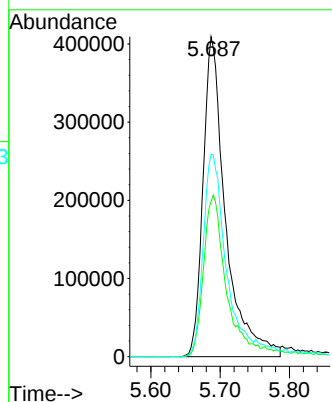
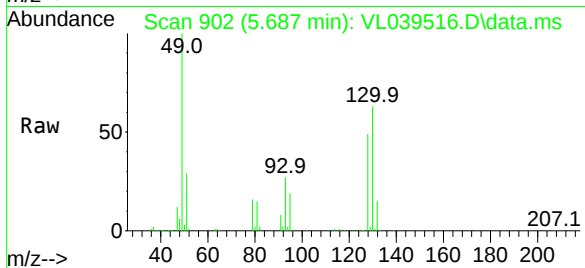




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.687 min Scan# 902
 Delta R.T. 0.035 min
 Lab File: VL039516.D
 Acq: 20 Jul 2022 18:41

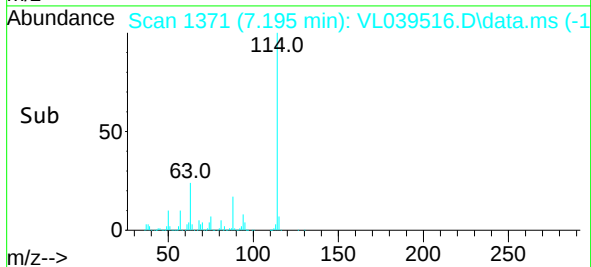
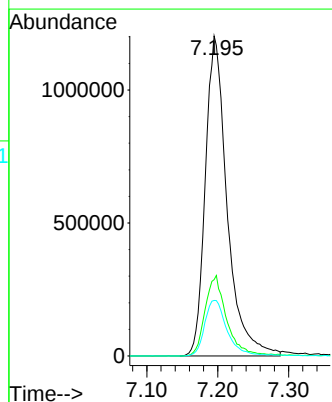
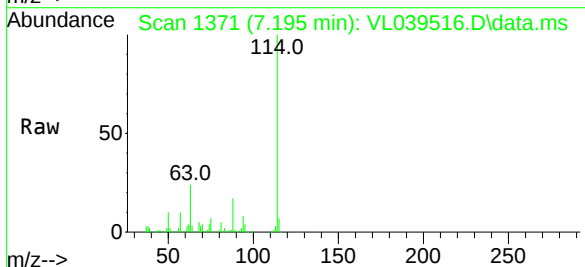
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

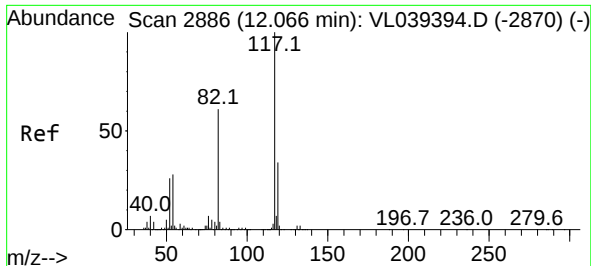
Tgt Ion: 49 Resp: 919655
 Ion Ratio Lower Upper
 49 100
 128 54.7 26.7 80.0
 130 69.9 34.3 102.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.195 min Scan# 1371
 Delta R.T. 0.038 min
 Lab File: VL039516.D
 Acq: 20 Jul 2022 18:41

Tgt Ion: 114 Resp: 2571423
 Ion Ratio Lower Upper
 114 100
 63 25.4 20.2 30.4
 88 18.2 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.108 min Scan# 21

Delta R.T. 0.042 min

Lab File: VL039516.D

Acq: 20 Jul 2022 18:41

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

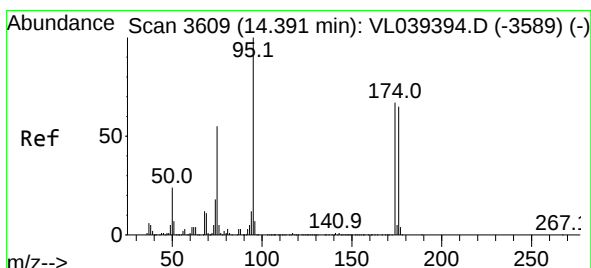
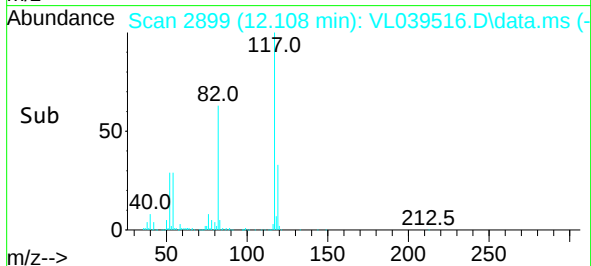
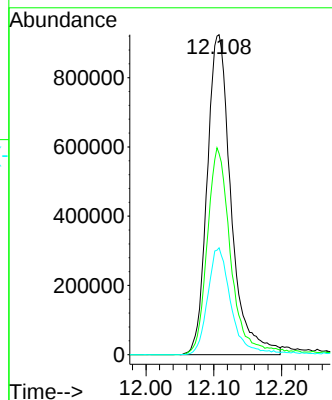
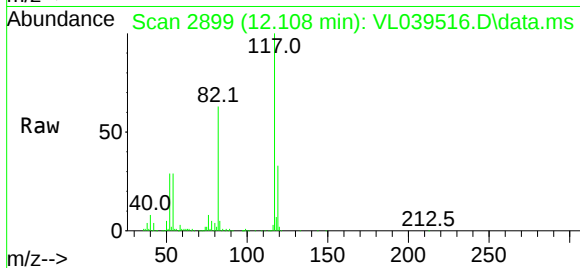
Tgt Ion:117 Resp: 2263669

Ion Ratio Lower Upper

117 100

82 65.5 50.8 76.2

119 33.3 24.1 36.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.744 ppbv

RT: 14.436 min Scan# 3623

Delta R.T. 0.045 min

Lab File: VL039516.D

Acq: 20 Jul 2022 18:41

Tgt Ion: 95 Resp: 1636385

Ion Ratio Lower Upper

95 100

174 74.8 55.9 83.9

175 5.5 4.2 6.4

