

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039443.D
 Acq On : 12 Jul 2022 11:06
 Operator : SY/AP
 Sample : VL0712ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0712ABL01

Quant Time: Jul 13 01:30:53 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	5.681	49	1342861	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.192	114	3907327	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.098	117	3450843	10.000	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	2520469	9.846	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%

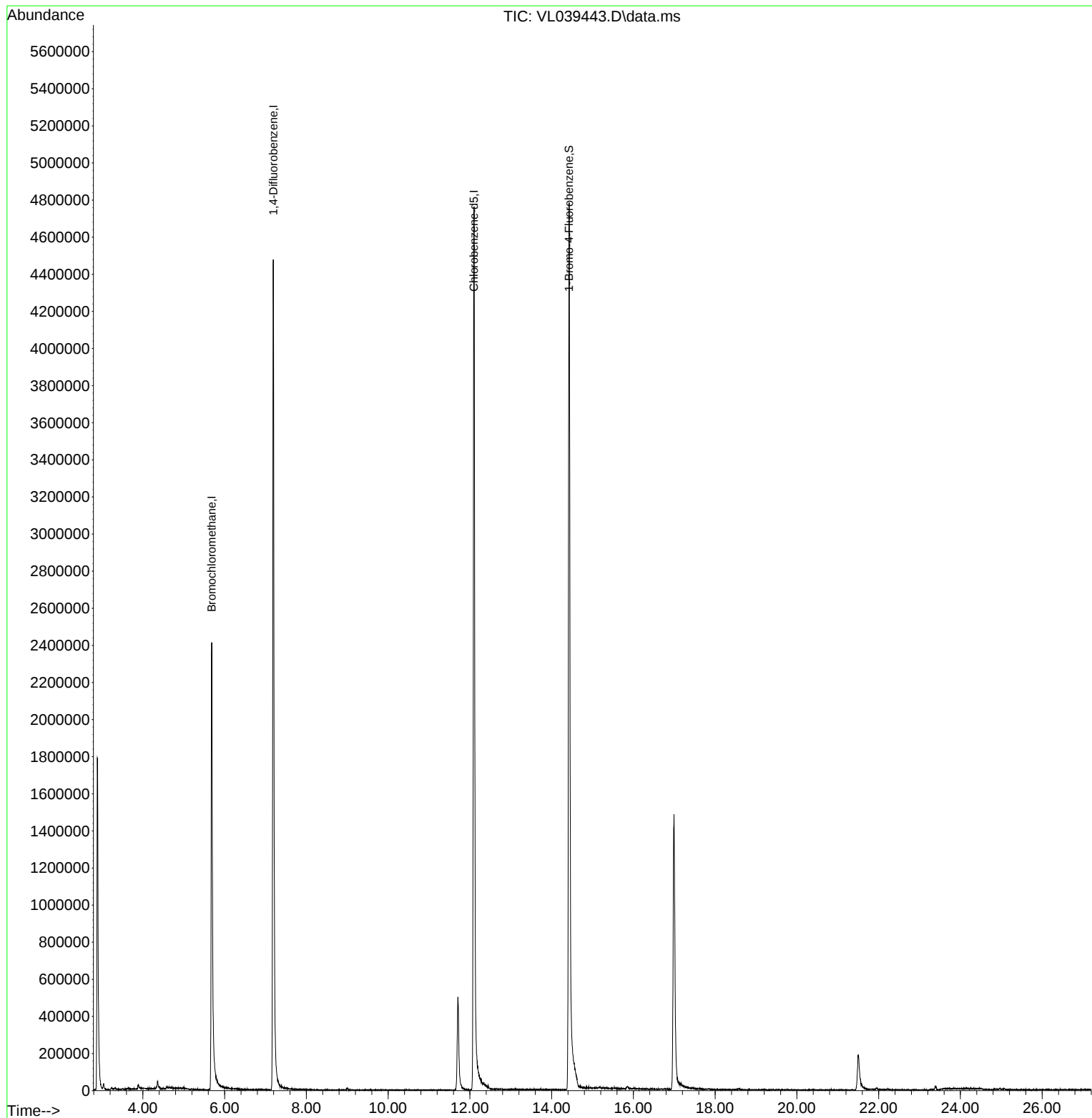
Target Compounds	Qvalue

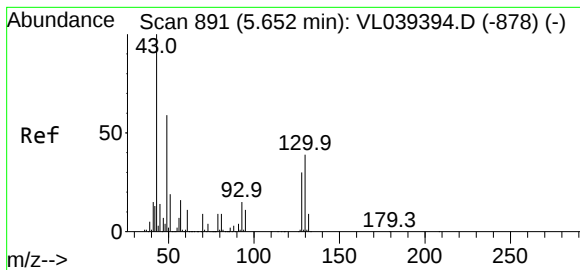
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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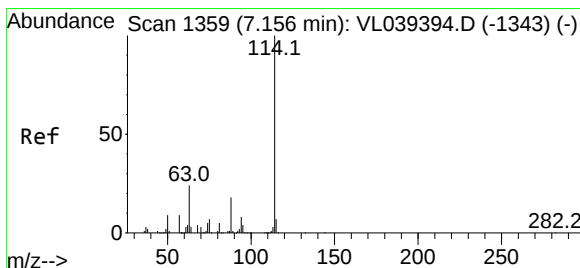
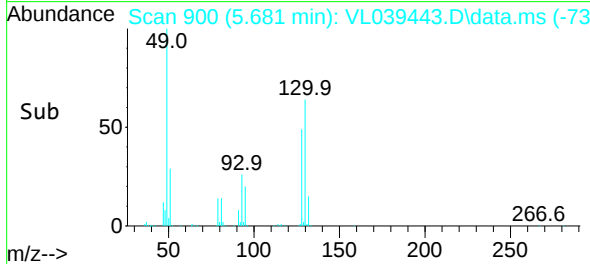
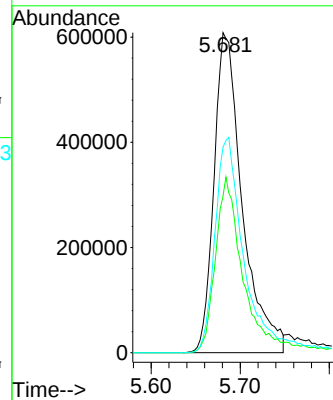
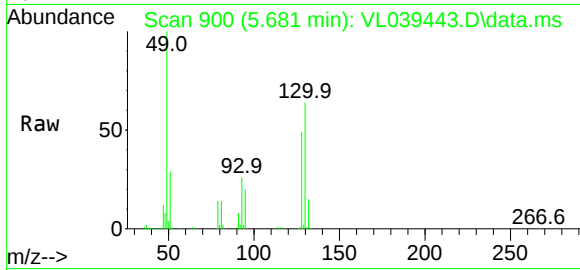




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.681 min Scan# 90
 Delta R.T. 0.029 min
 Lab File: VL039443.D
 Acq: 12 Jul 2022 11:06

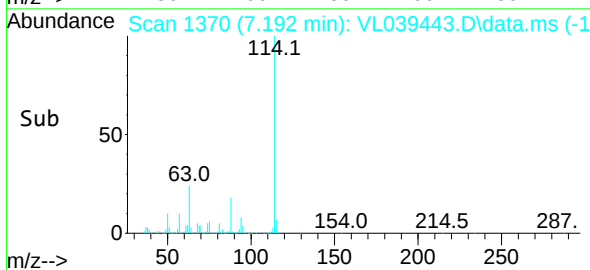
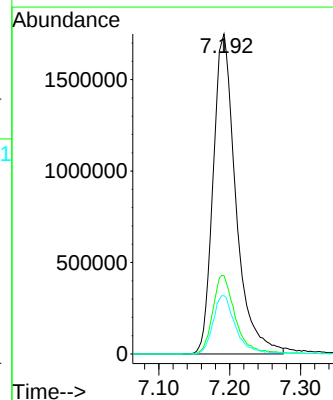
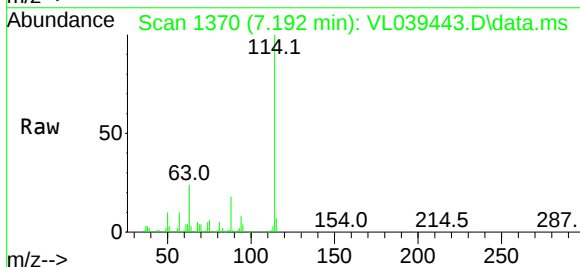
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0712ABL01

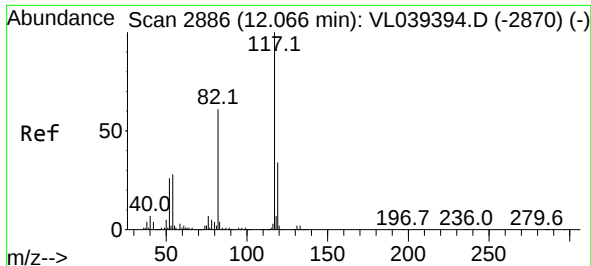
Tgt Ion: 49 Resp: 1342861
 Ion Ratio Lower Upper
 49 100
 128 57.1 26.7 80.0
 130 72.6 34.3 102.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.192 min Scan# 1370
 Delta R.T. 0.035 min
 Lab File: VL039443.D
 Acq: 12 Jul 2022 11:06

Tgt Ion: 114 Resp: 3907327
 Ion Ratio Lower Upper
 114 100
 63 24.6 20.2 30.4
 88 18.2 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.098 min Scan# 2886

Delta R.T. 0.032 min

Lab File: VL039443.D

Acq: 12 Jul 2022 11:06

Instrument :

MSVOA_1

ClientSampleId :

VL0712ABL01

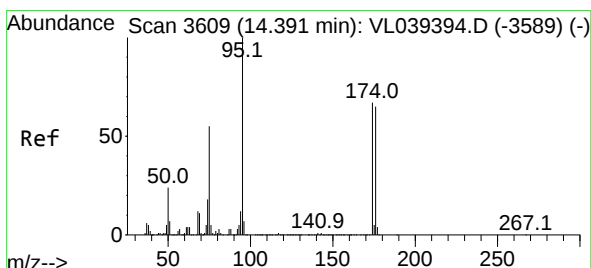
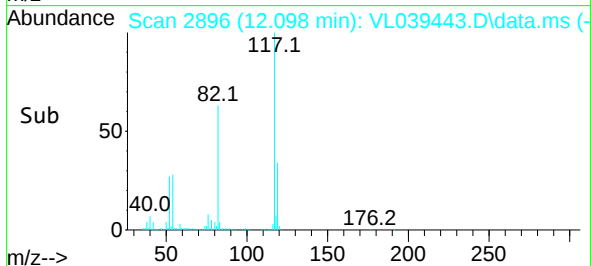
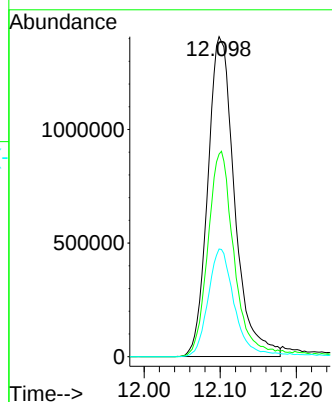
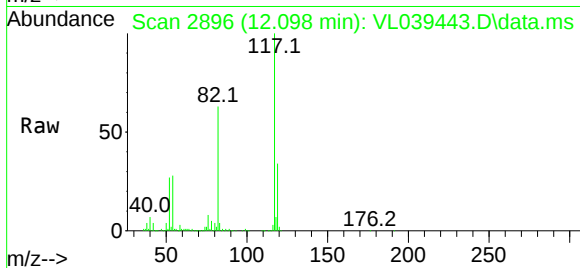
Tgt Ion:117 Resp: 3450843

Ion Ratio Lower Upper

117 100

82 64.2 50.8 76.2

119 34.4 24.1 36.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.846 ppbv

RT: 14.426 min Scan# 3620

Delta R.T. 0.035 min

Lab File: VL039443.D

Acq: 12 Jul 2022 11:06

Tgt Ion: 95 Resp: 2520469

Ion Ratio Lower Upper

95 100

174 73.4 55.9 83.9

175 5.5 4.2 6.4

