

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039971.D
 Acq On : 12 Dec 2022 11:30
 Operator : SY/MD
 Sample : VL1212ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1212ABL01

Quant Time: Dec 13 06:08:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	1162709	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.635	114	3328127	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.452	117	2951082	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.767	95	2427873	10.771	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.700%

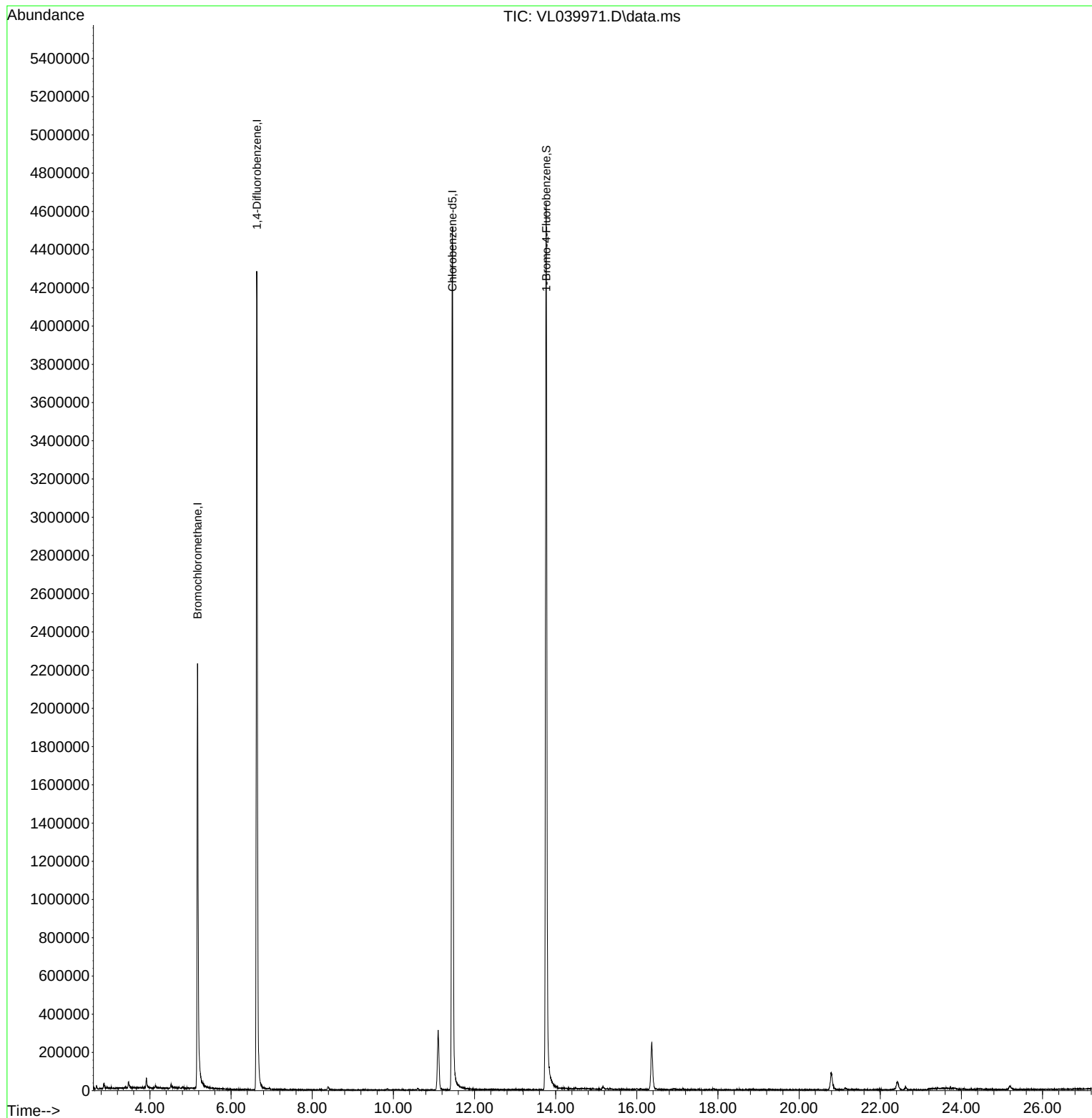
Target Compounds	Qvalue

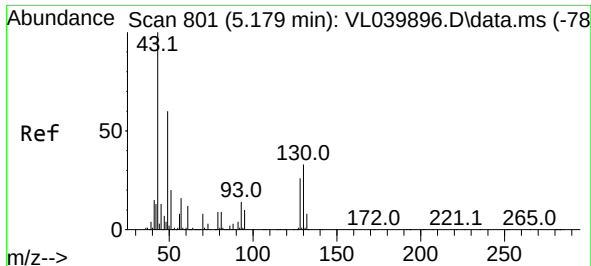
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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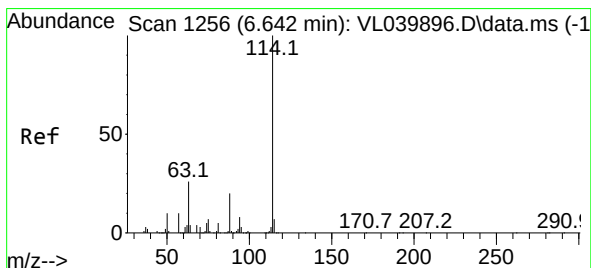
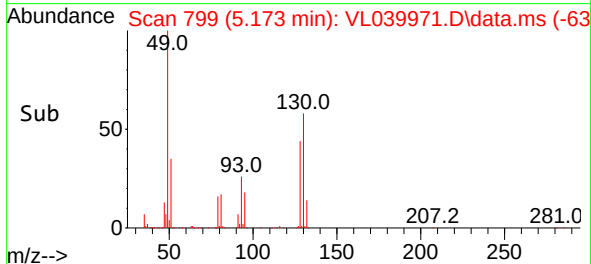
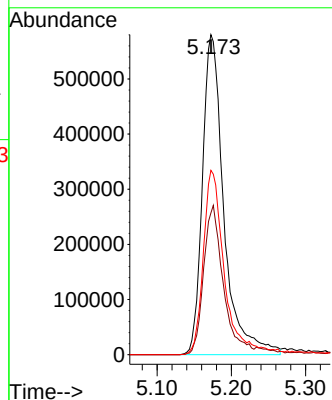
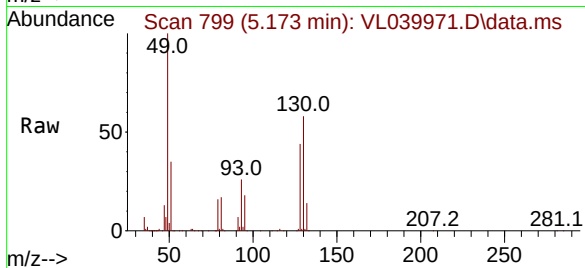




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.173 min Scan# 799
 Delta R.T. 0.017 min
 Lab File: VL039971.D
 Acq: 12 Dec 2022 11:30

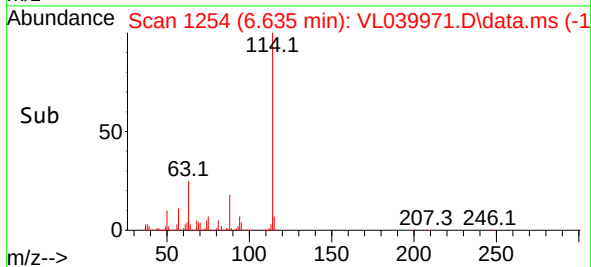
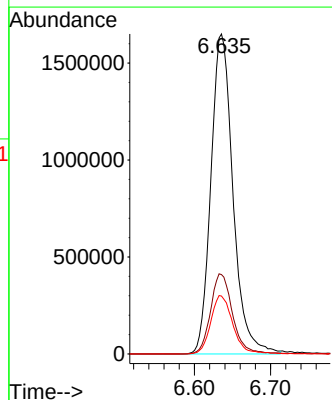
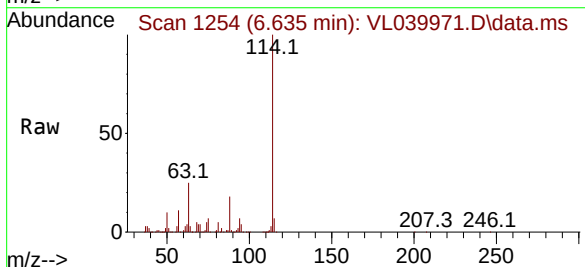
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1212ABL01

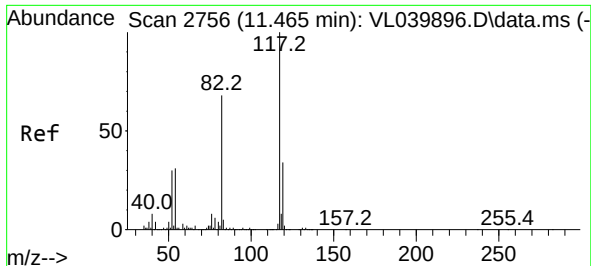
Tgt Ion: 49 Resp: 1162709
 Ion Ratio Lower Upper
 49 100
 128 45.0 22.1 66.3
 130 58.6 27.7 83.1



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.635 min Scan# 1254
 Delta R.T. 0.016 min
 Lab File: VL039971.D
 Acq: 12 Dec 2022 11:30

Tgt Ion: 114 Resp: 3328127
 Ion Ratio Lower Upper
 114 100
 63 25.2 21.4 32.0
 88 18.4 15.3 22.9

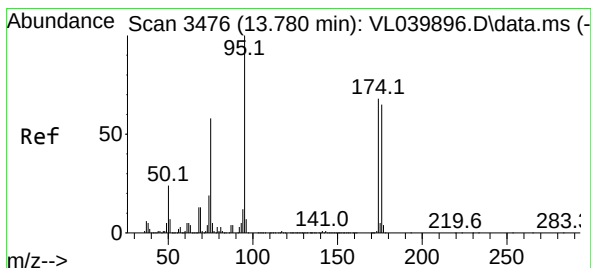
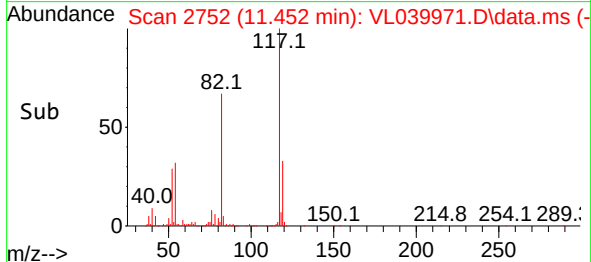
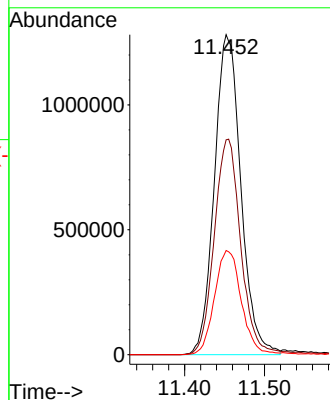
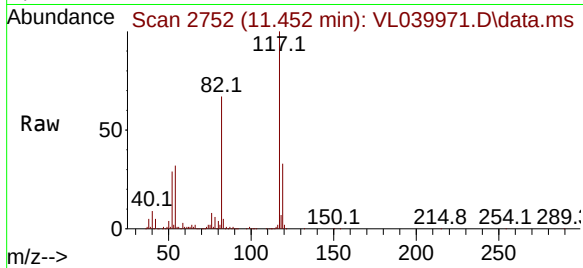




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL039971.D
Acq: 12 Dec 2022 11:30

Instrument :
MSVOA_1
ClientSampleId :
VL1212ABL01

Tgt Ion:117 Resp: 2951082
Ion Ratio Lower Upper
117 100
82 68.2 52.3 78.5
119 33.2 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.771 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.026 min
Lab File: VL039971.D
Acq: 12 Dec 2022 11:30

Tgt Ion: 95 Resp: 2427873
Ion Ratio Lower Upper
95 100
174 61.4 53.7 80.5
175 4.3 4.0 6.0

