

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039178.D
 Acq On : 6 Jun 2022 9:24
 Operator : SY/AP
 Sample : VL0606ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0606ABL01

Quant Time: Jun 06 10:01:37 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	5.661	49	1239499	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	3306725	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.073	117	2773043	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.400	95	2158447	9.415	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.100%

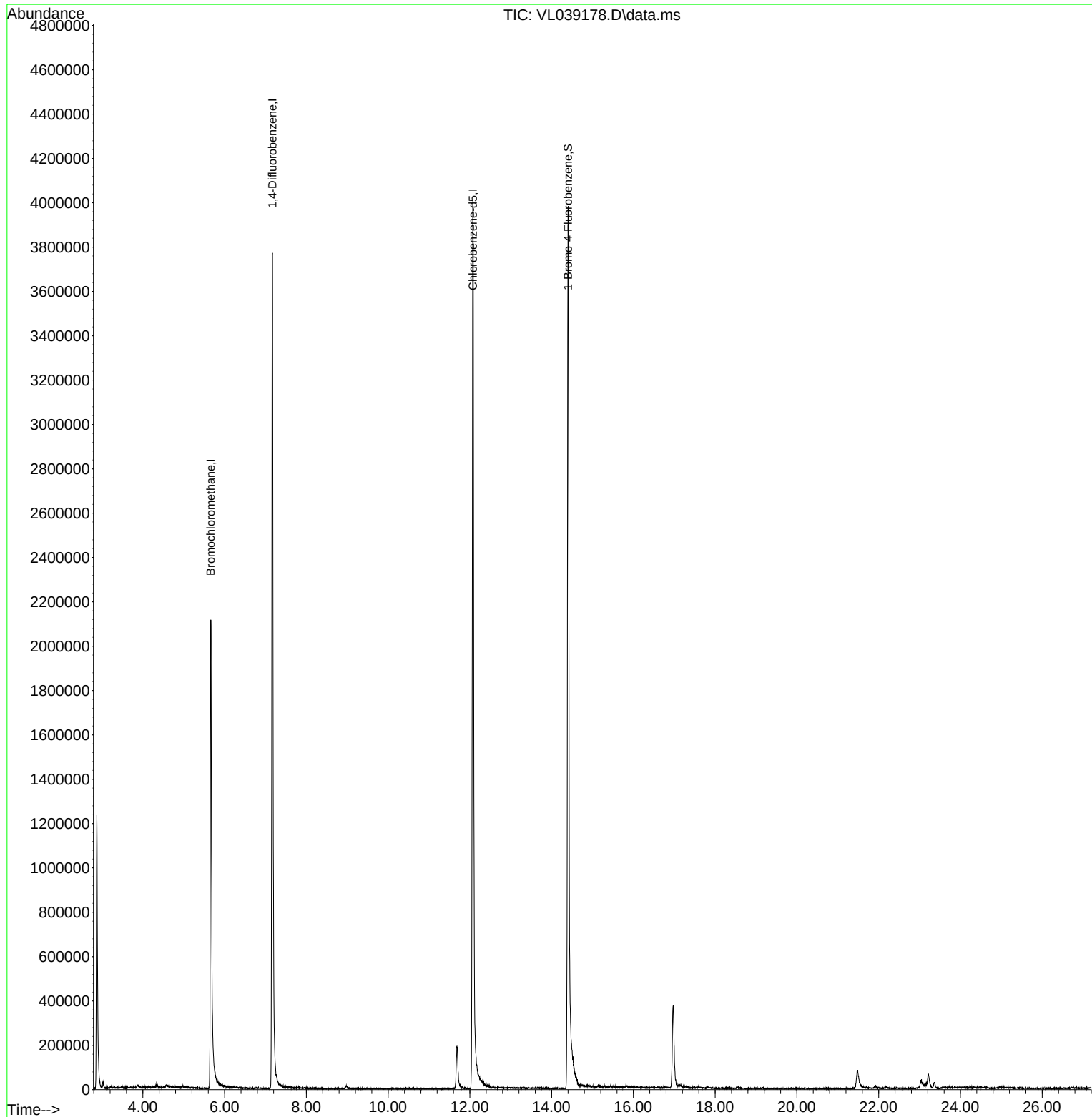
Target Compounds	Qvalue

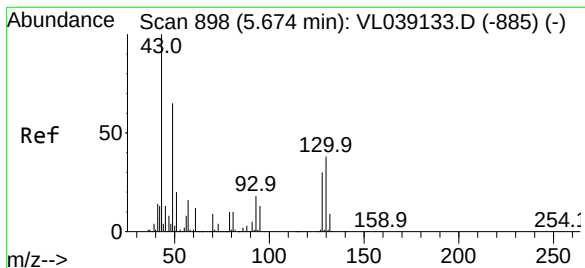
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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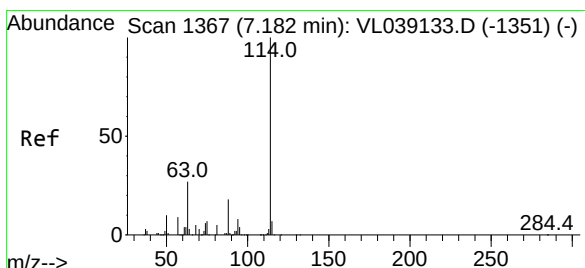
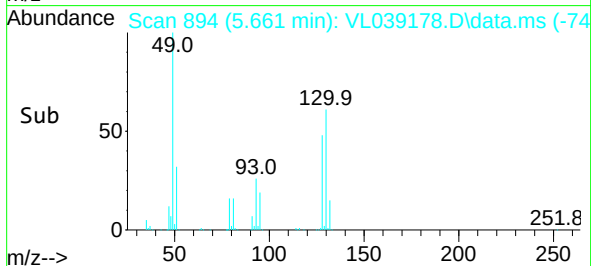
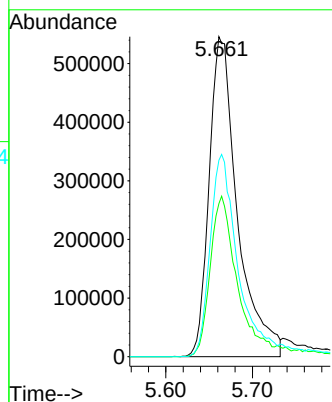
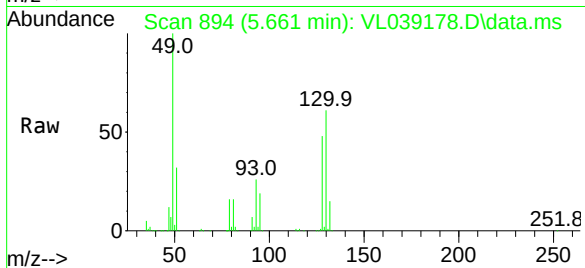




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.661 min Scan# 898
 Delta R.T. -0.013 min
 Lab File: VL039178.D
 Acq: 6 Jun 2022 9:24

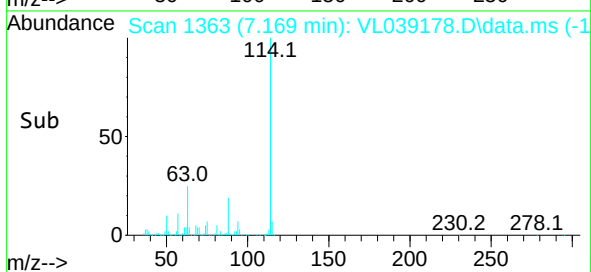
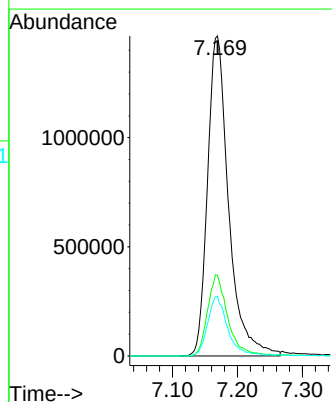
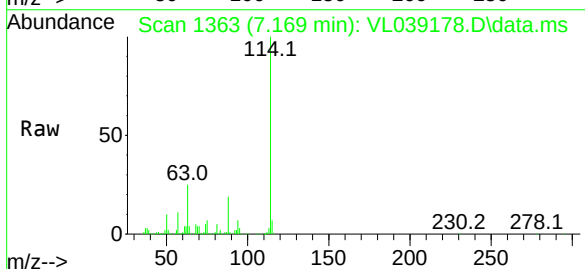
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0606ABL01

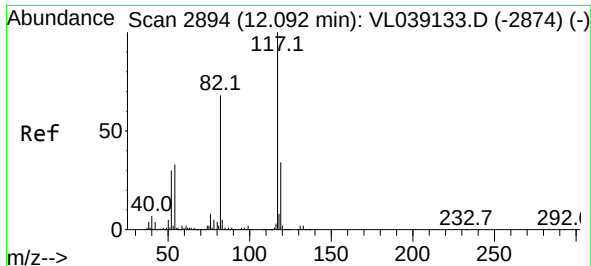
Tgt Ion: 49 Resp: 1239499
 Ion Ratio Lower Upper
 49 100
 128 52.1 24.7 74.1
 130 66.5 31.4 94.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.169 min Scan# 1363
 Delta R.T. -0.013 min
 Lab File: VL039178.D
 Acq: 6 Jun 2022 9:24

Tgt Ion: 114 Resp: 3306725
 Ion Ratio Lower Upper
 114 100
 63 24.3 21.7 32.5
 88 18.1 14.8 22.2

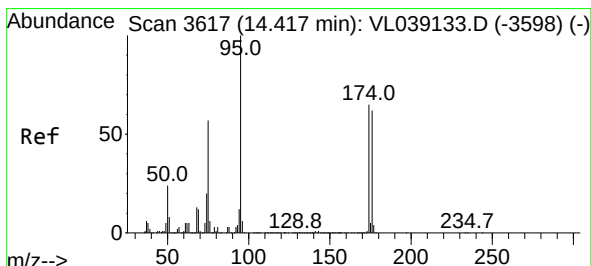
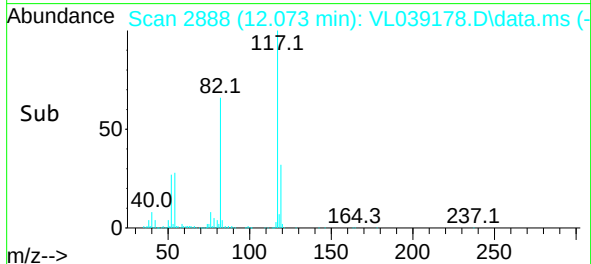
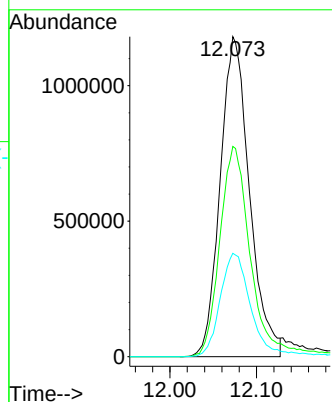
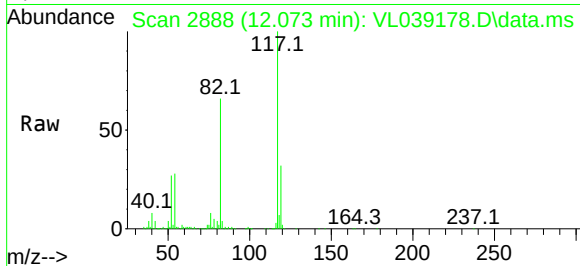




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.073 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039178.D
Acq: 6 Jun 2022 9:24

Instrument :
MSVOA_L
ClientSampleId :
VL0606ABL01

Tgt Ion:117 Resp: 2773043
Ion Ratio Lower Upper
117 100
82 72.1 55.1 82.7
119 34.5 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.415 ppbv
RT: 14.400 min Scan# 3612
Delta R.T. -0.016 min
Lab File: VL039178.D
Acq: 6 Jun 2022 9:24

Tgt Ion: 95 Resp: 2158447
Ion Ratio Lower Upper
95 100
174 72.1 53.8 80.8
175 4.9 4.1 6.1

