

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
 Data File : VL039290.D
 Acq On : 15 Jun 2022 8:25
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jun 16 01:15:35 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	1405015	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.166	114	3991853	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.073	117	3667149	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	2750298	9.072	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.700%

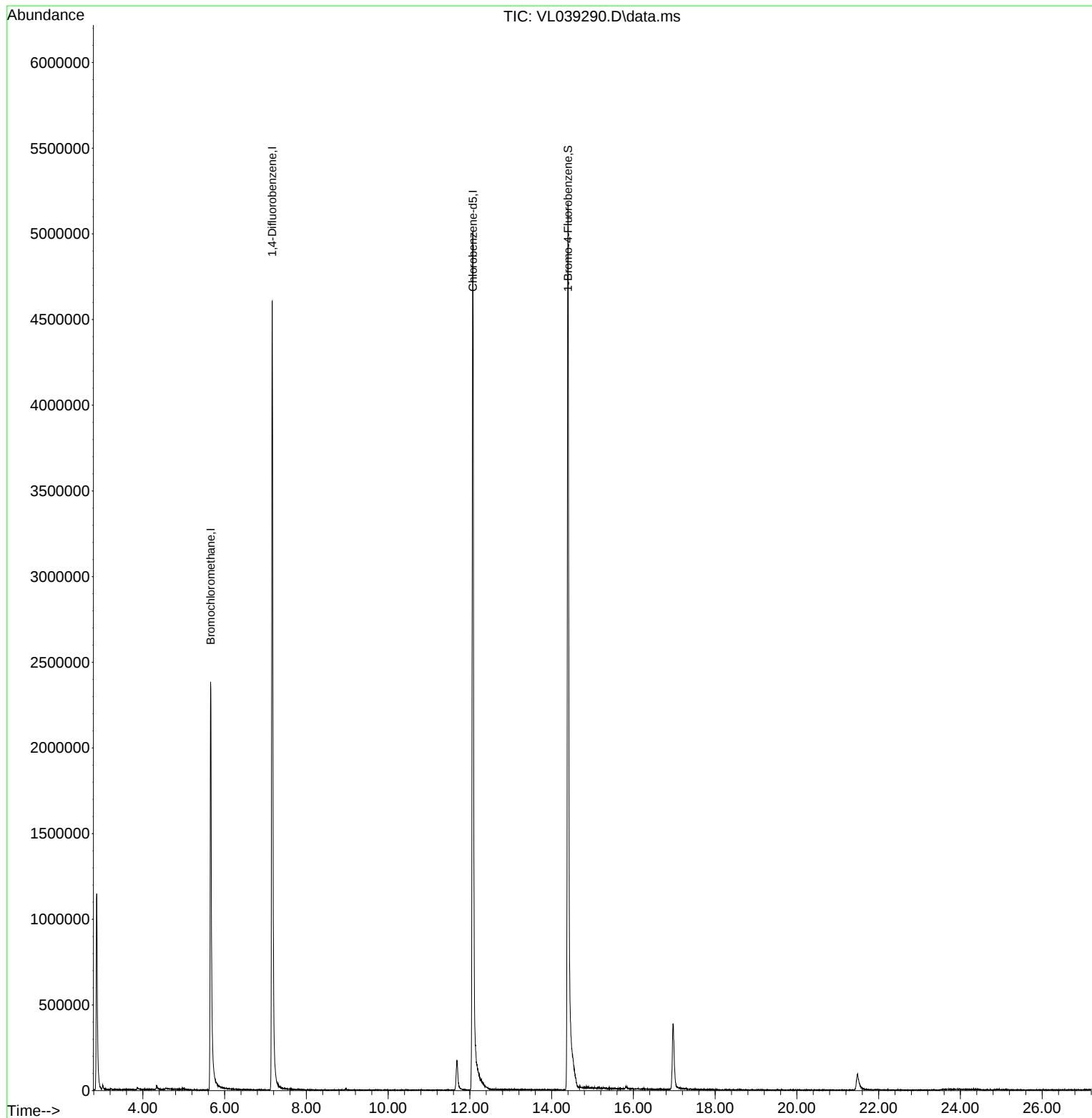
Target Compounds	Qvalue

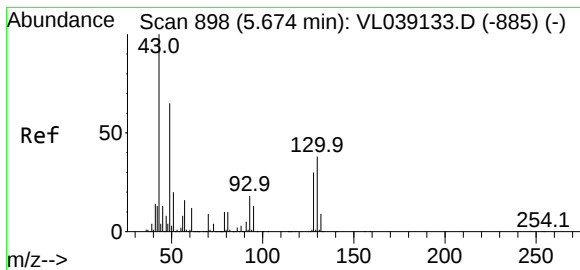
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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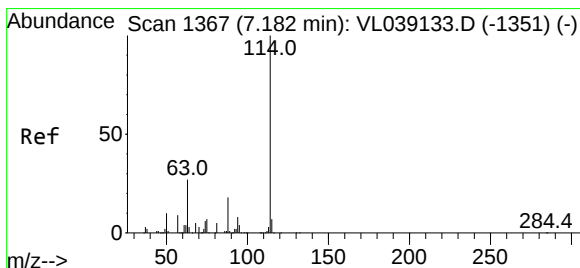
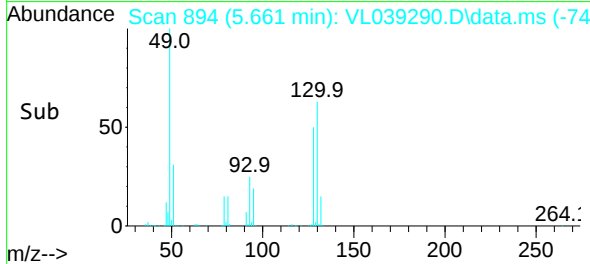
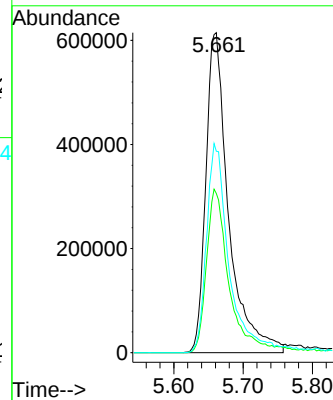
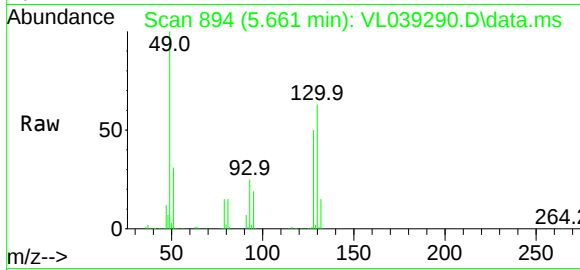




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.661 min Scan# 894
 Delta R.T. -0.013 min
 Lab File: VL039290.D
 Acq: 15 Jun 2022 8:25

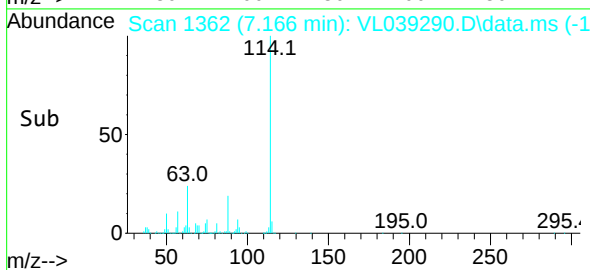
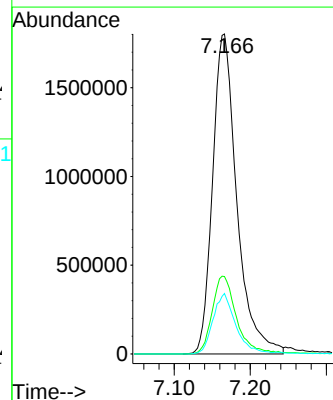
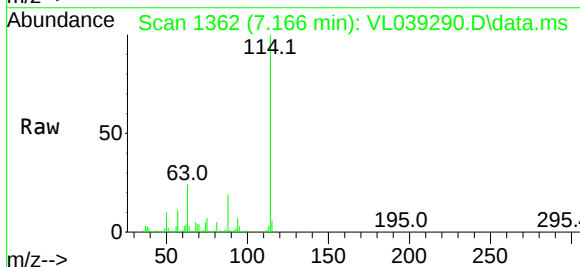
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

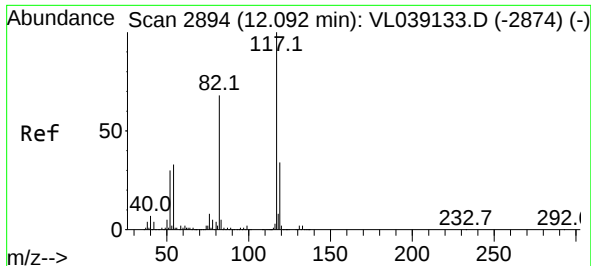
Tgt Ion: 49 Resp: 1405015
 Ion Ratio Lower Upper
 49 100
 128 52.6 24.7 74.1
 130 66.4 31.4 94.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.166 min Scan# 1362
 Delta R.T. -0.016 min
 Lab File: VL039290.D
 Acq: 15 Jun 2022 8:25

Tgt Ion: 114 Resp: 3991853
 Ion Ratio Lower Upper
 114 100
 63 24.8 21.7 32.5
 88 18.3 14.8 22.2

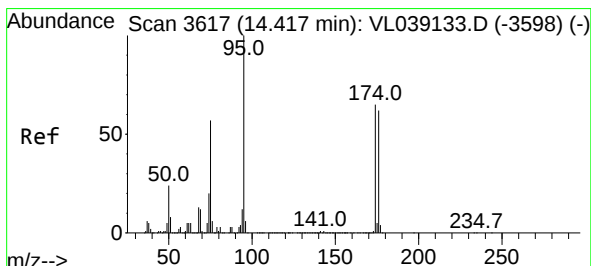
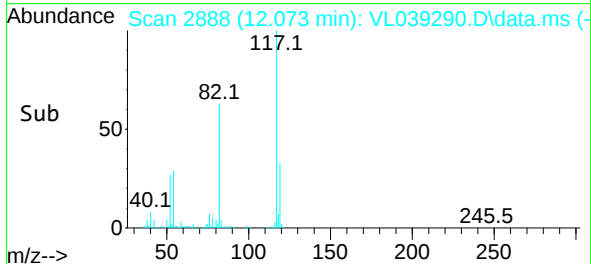
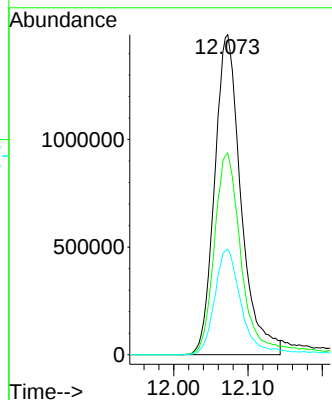
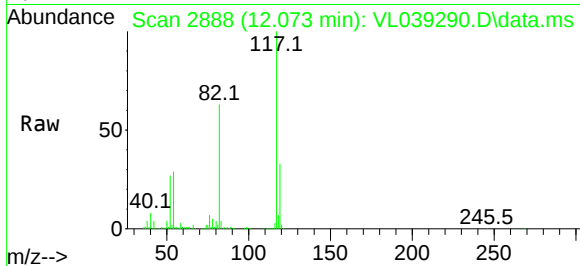




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.073 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039290.D
Acq: 15 Jun 2022 8:25

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 3667149
Ion Ratio Lower Upper
117 100
82 67.5 55.1 82.7
119 35.5 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.072 ppbv
RT: 14.400 min Scan# 3612
Delta R.T. -0.016 min
Lab File: VL039290.D
Acq: 15 Jun 2022 8:25

Tgt Ion: 95 Resp: 2750298
Ion Ratio Lower Upper
95 100
174 75.6 53.8 80.8
175 5.4 4.1 6.1

