

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072022\
 Data File : VL039511.D
 Acq On : 20 Jul 2022 15:17
 Operator : SY/AP
 Sample : VL0720ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0720ABL01

Quant Time: Jul 21 06:06:54 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	5.684	49	951761	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.192	114	2671798	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.101	117	2294430	10.000	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.436	95	1628919	9.570	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%

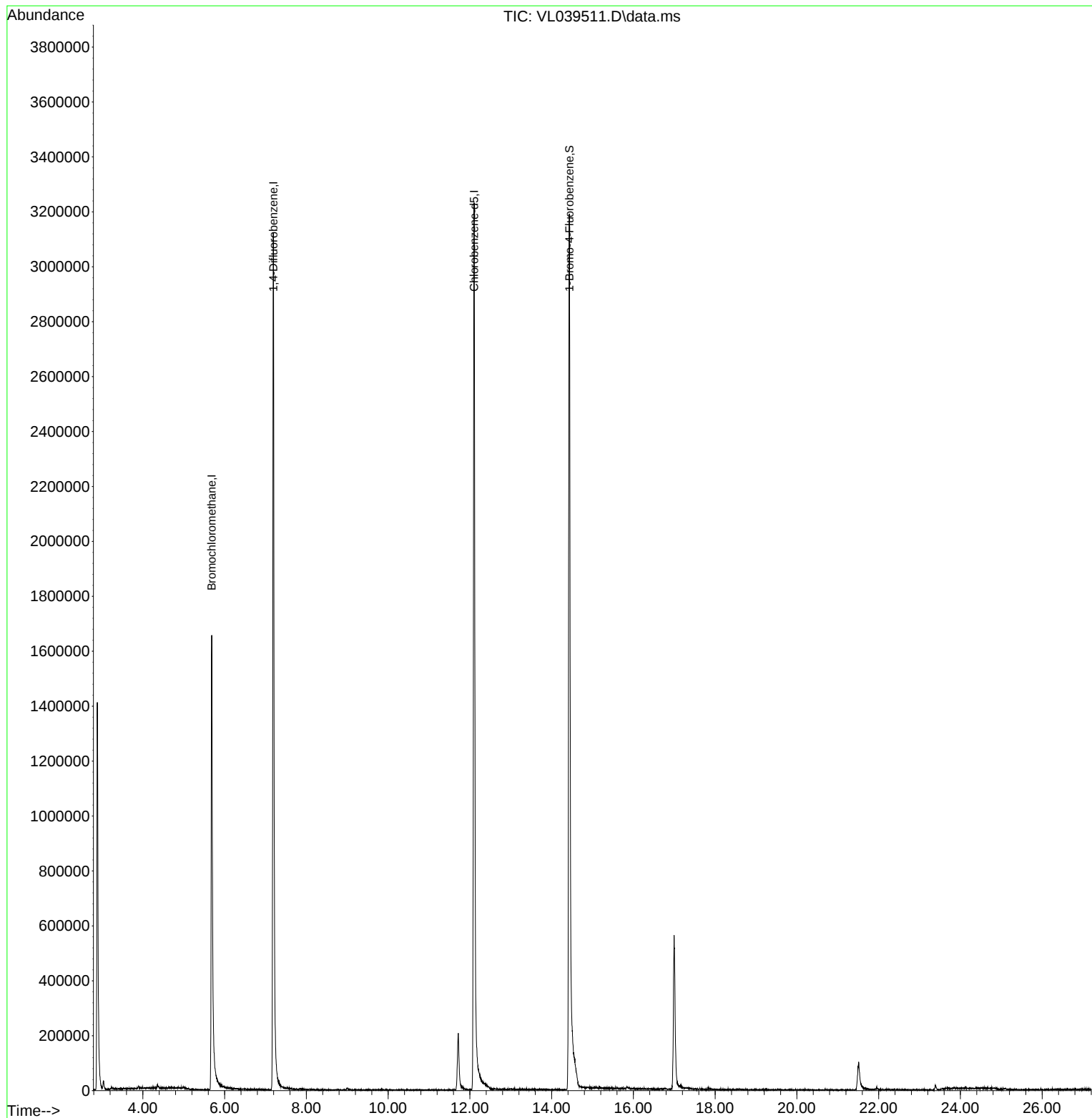
Target Compounds	Qvalue

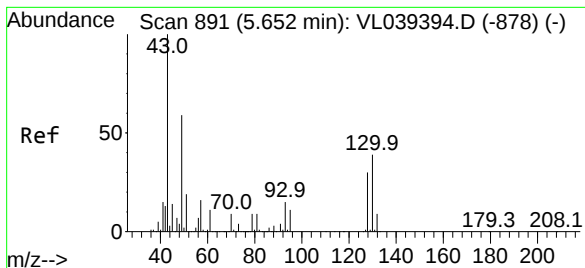
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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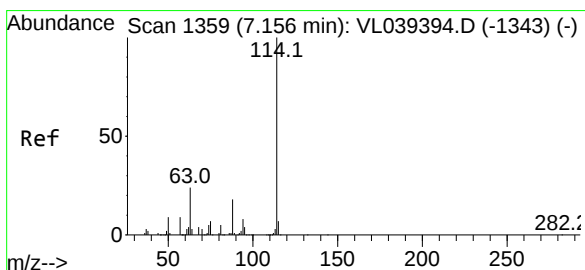
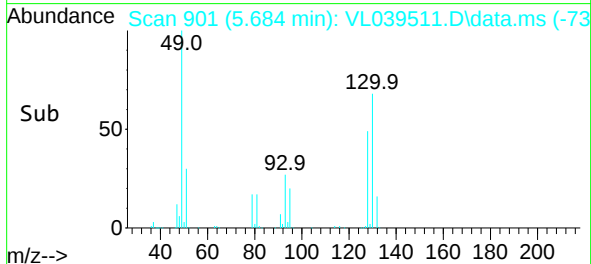
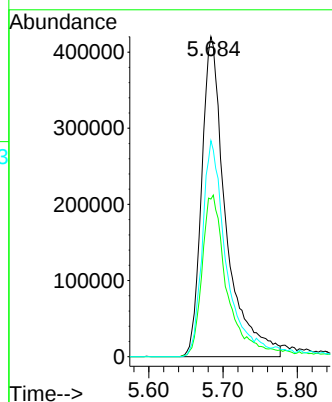
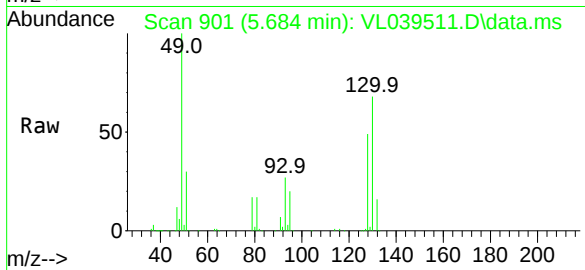




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.684 min Scan# 901
 Delta R.T. 0.032 min
 Lab File: VL039511.D
 Acq: 20 Jul 2022 15:17

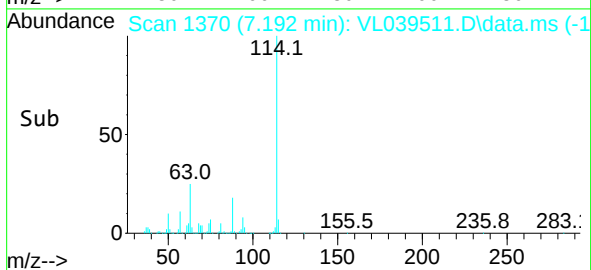
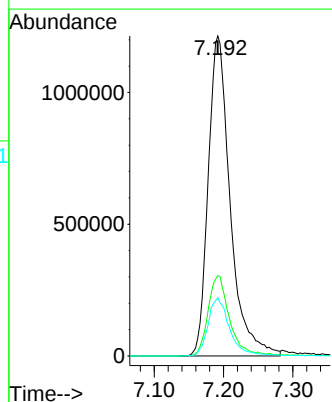
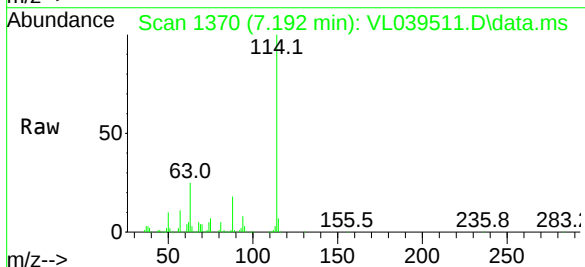
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0720ABL01

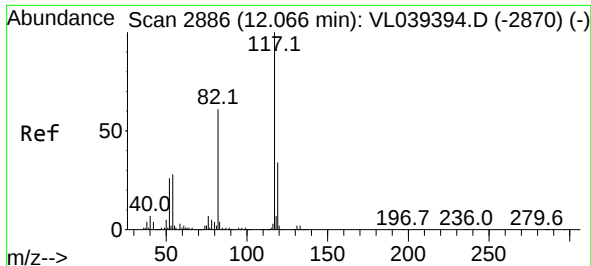
Tgt Ion: 49 Resp: 951761
 Ion Ratio Lower Upper
 49 100
 128 55.4 26.7 80.0
 130 68.9 34.3 102.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.192 min Scan# 1370
 Delta R.T. 0.035 min
 Lab File: VL039511.D
 Acq: 20 Jul 2022 15:17

Tgt Ion: 114 Resp: 2671798
 Ion Ratio Lower Upper
 114 100
 63 25.0 20.2 30.4
 88 18.0 14.5 21.7

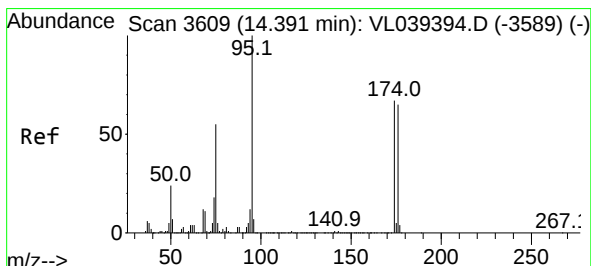
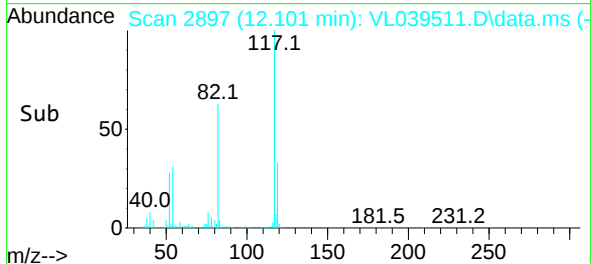
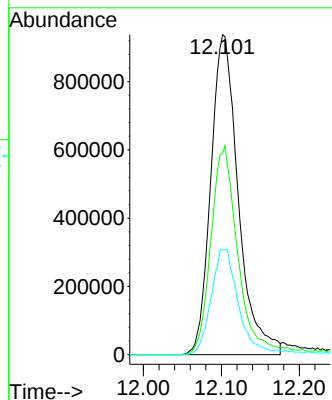
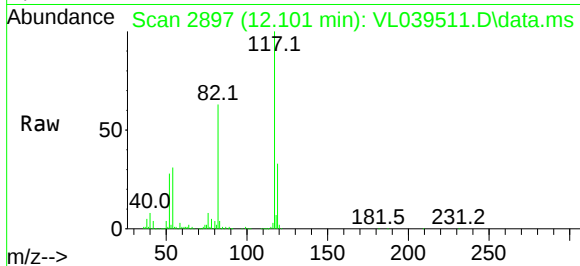




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.101 min Scan# 21
Delta R.T. 0.035 min
Lab File: VL039511.D
Acq: 20 Jul 2022 15:17

Instrument :
MSVOA_L
ClientSampleId :
VL0720ABL01

Tgt Ion: 117 Resp: 2294430
Ion Ratio Lower Upper
117 100
82 66.8 50.8 76.2
119 33.9 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.570 ppbv
RT: 14.436 min Scan# 3623
Delta R.T. 0.045 min
Lab File: VL039511.D
Acq: 20 Jul 2022 15:17

Tgt Ion: 95 Resp: 1628919
Ion Ratio Lower Upper
95 100
174 77.7 55.9 83.9
175 5.6 4.2 6.4

