

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
 Data File : VL040051.D
 Acq On : 20 Dec 2022 11:25
 Operator : SY/MD
 Sample : VL1220ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1220ABL01

Quant Time: Dec 21 03:53:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.163	49	860055	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.623	114	2561834	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.439	117	2177638	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.751	95	1683951	10.123	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%

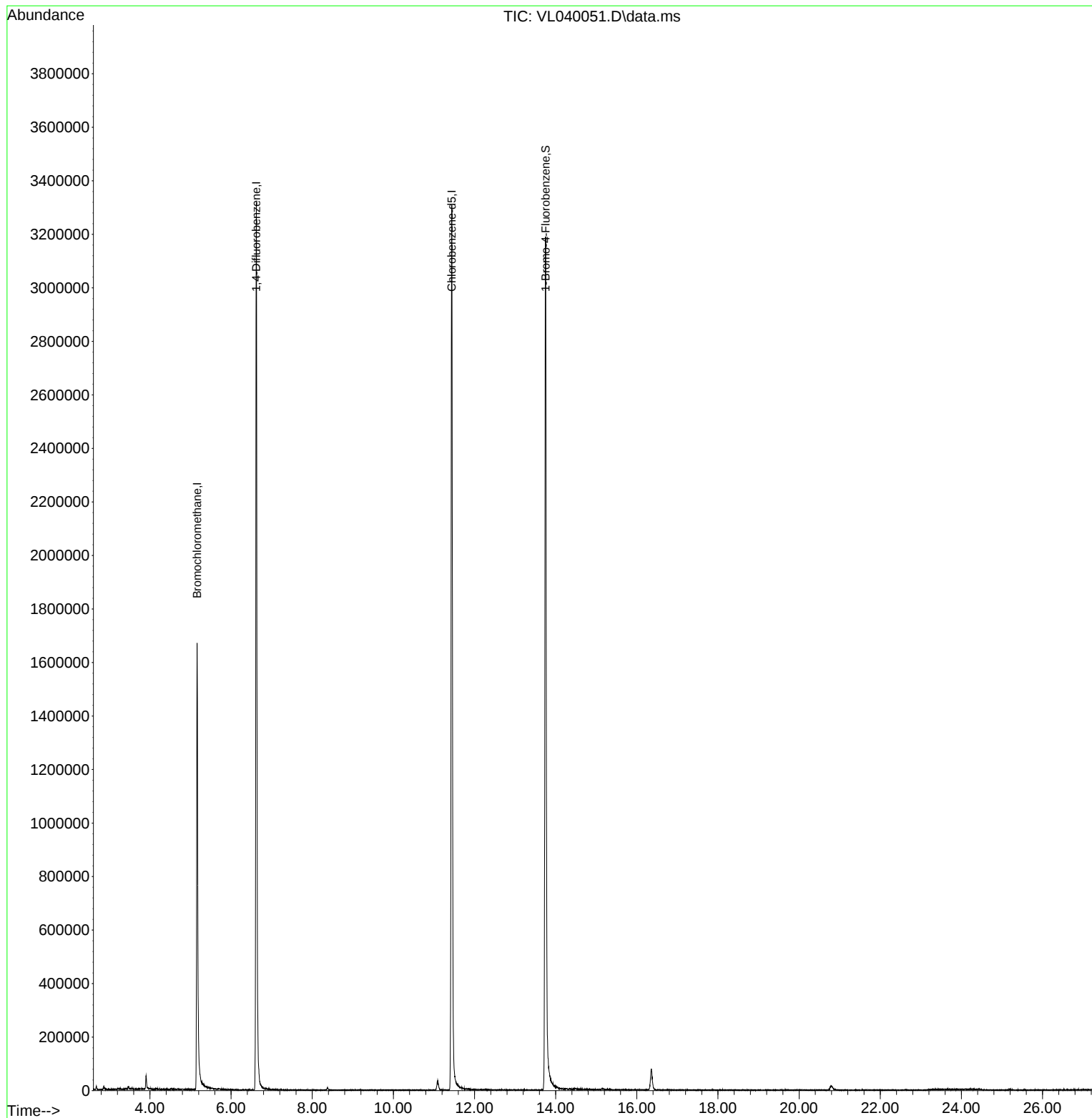
Target Compounds	Qvalue

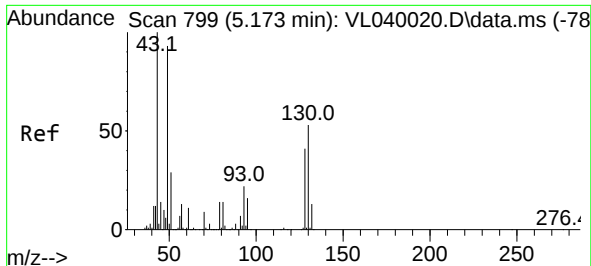
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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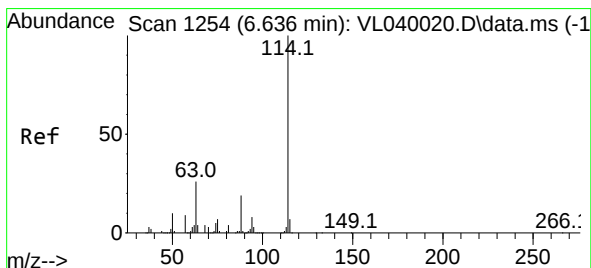
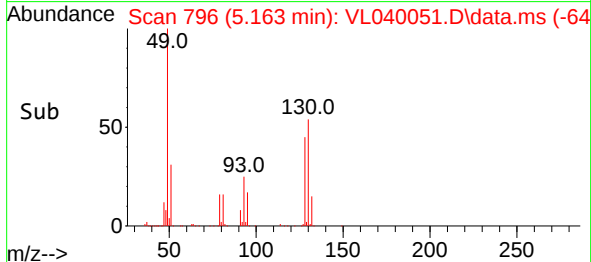
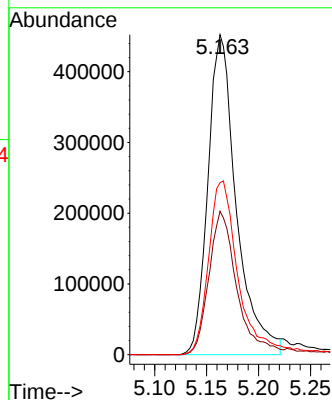
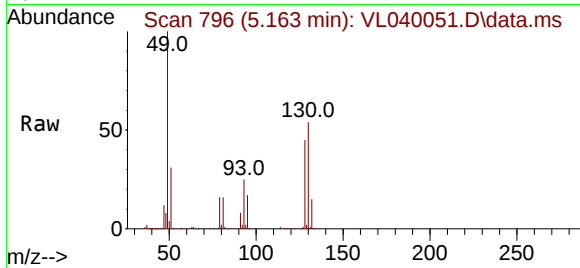




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.163 min Scan# 799
 Delta R.T. -0.010 min
 Lab File: VL040051.D
 Acq: 20 Dec 2022 11:25

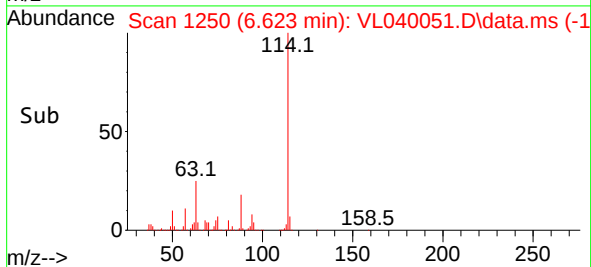
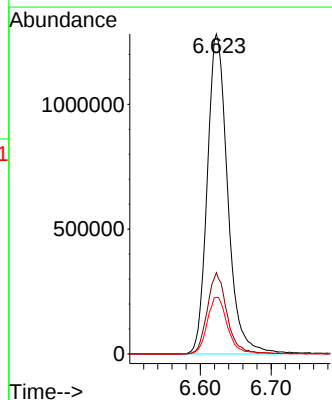
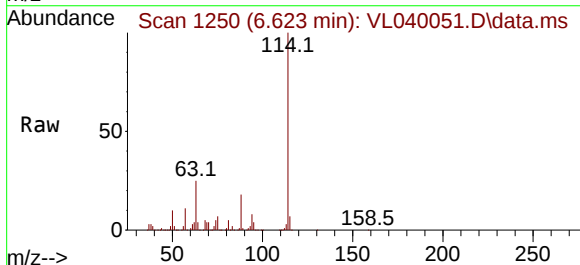
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1220ABL01

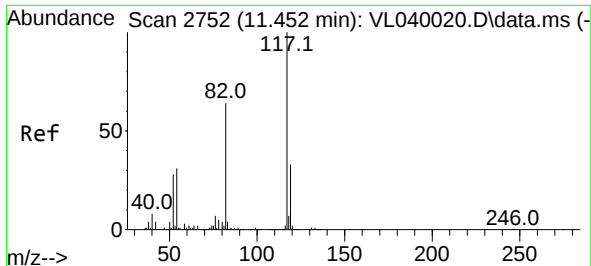
Tgt Ion: 49 Resp: 860055
 Ion Ratio Lower Upper
 49 100
 128 46.4 22.4 67.3
 130 59.9 28.9 86.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.623 min Scan# 1250
 Delta R.T. -0.013 min
 Lab File: VL040051.D
 Acq: 20 Dec 2022 11:25

Tgt Ion: 114 Resp: 2561834
 Ion Ratio Lower Upper
 114 100
 63 24.8 20.2 30.2
 88 17.9 14.6 21.8

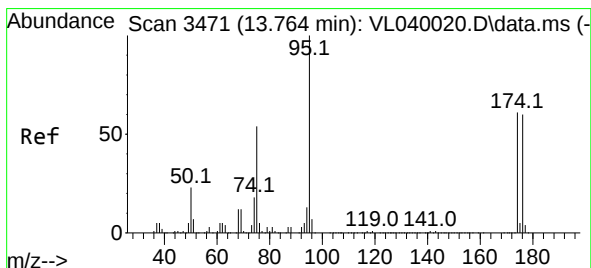
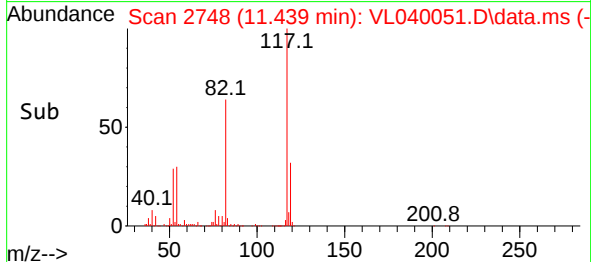
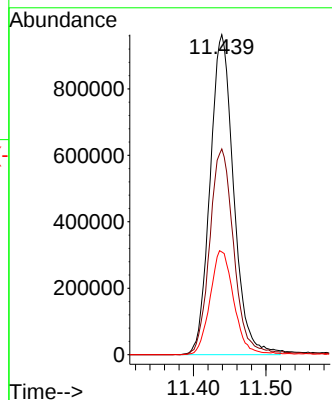
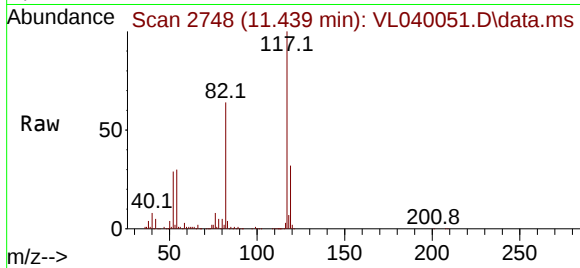




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040051.D
Acq: 20 Dec 2022 11:25

Instrument :
MSVOA_L
ClientSampleId :
VL1220ABL01

Tgt Ion:117 Resp: 2177638
Ion Ratio Lower Upper
117 100
82 66.5 51.2 76.8
119 33.0 23.2 34.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.123 ppbv
RT: 13.751 min Scan# 3467
Delta R.T. -0.013 min
Lab File: VL040051.D
Acq: 20 Dec 2022 11:25

Tgt Ion: 95 Resp: 1683951
Ion Ratio Lower Upper
95 100
174 61.4 48.6 73.0
175 4.3 3.4 5.2

