

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121322\
 Data File : VL040006.D
 Acq On : 13 Dec 2022 14:50
 Operator : SY/MD
 Sample : VL1213ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1213ABL01

Quant Time: Dec 14 02:36:17 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	5.176	49	1060729	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.636	114	3261361	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.449	117	2815459	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.764	95	2158681	10.038	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%

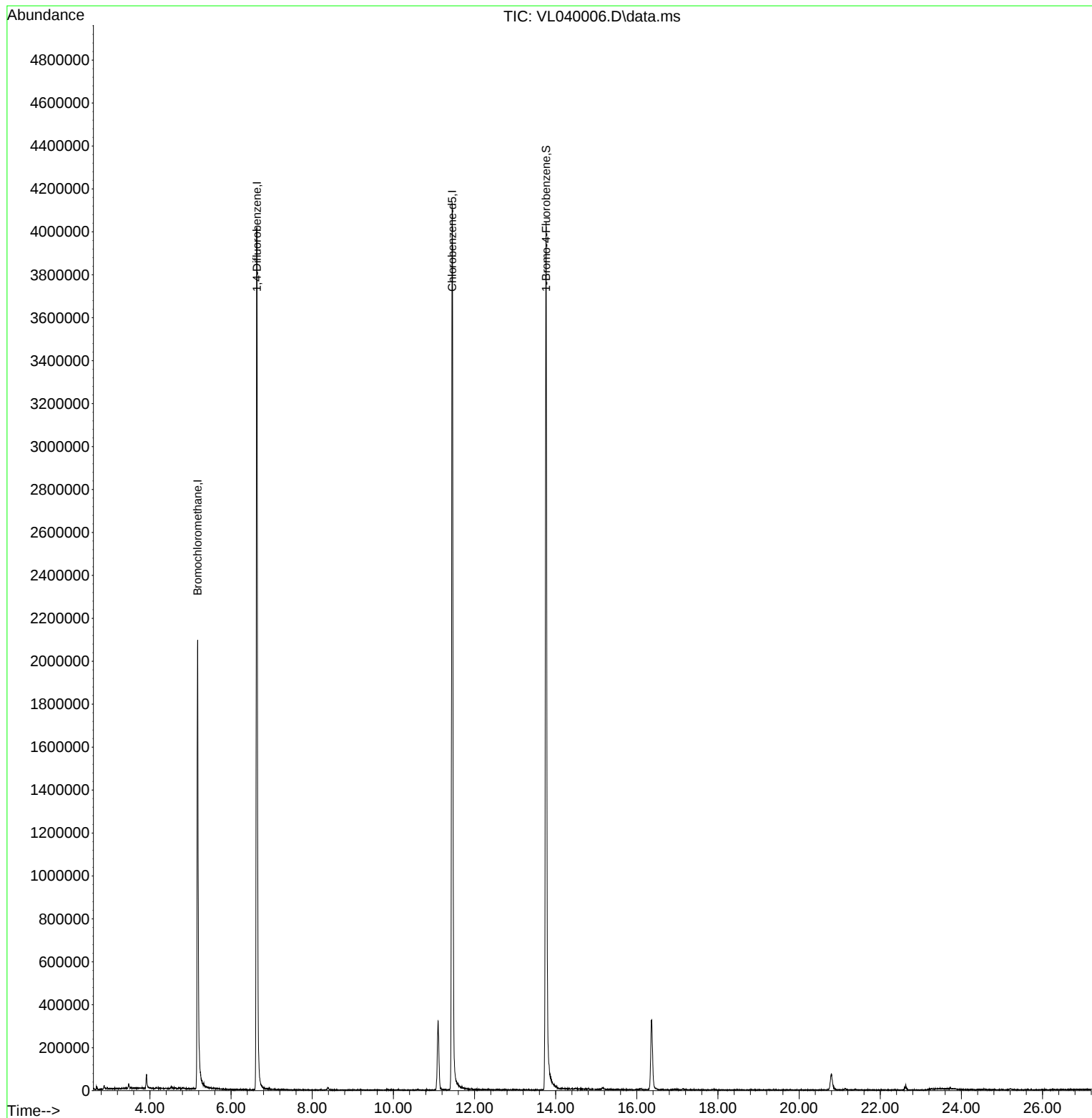
Target Compounds	Qvalue

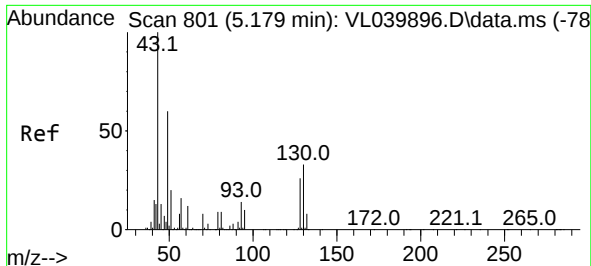
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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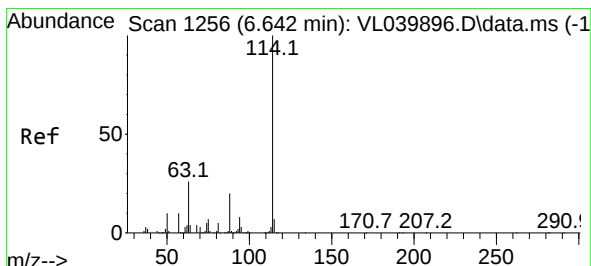
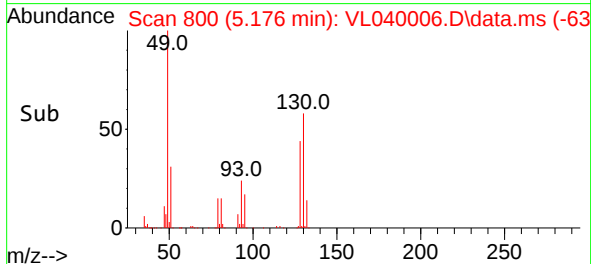
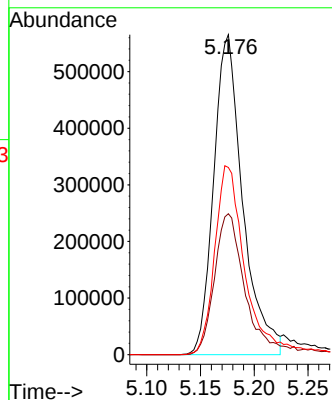
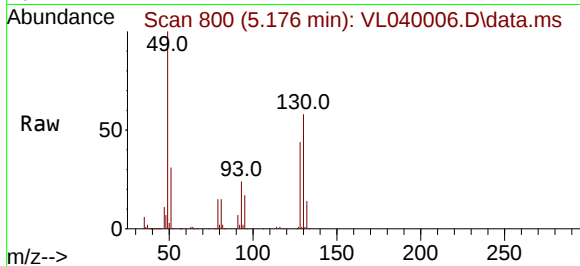




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 801
Delta R.T. 0.020 min
Lab File: VL040006.D
Acq: 13 Dec 2022 14:50

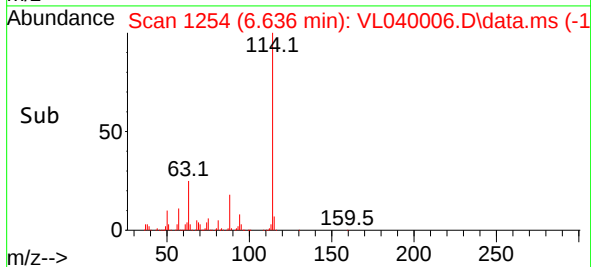
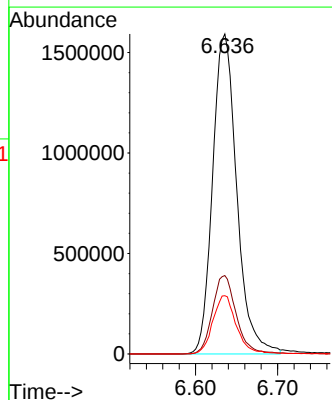
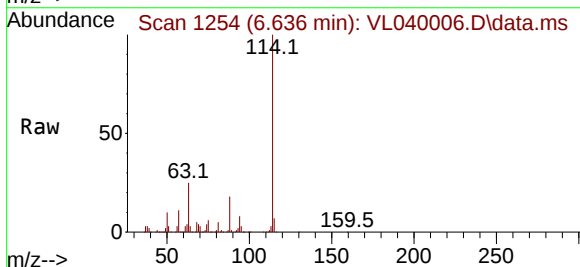
Instrument :
MSVOA_L
ClientSampleId :
VL1213ABL01

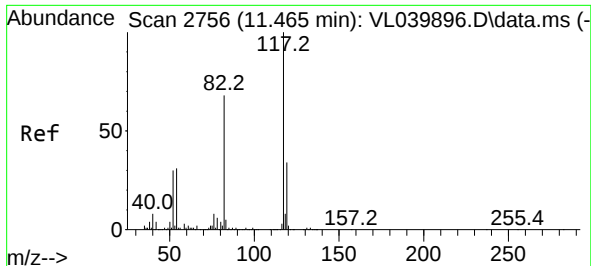
Tgt Ion: 49 Resp: 1060729
Ion Ratio Lower Upper
49 100
128 48.7 22.1 66.3
130 63.6 27.7 83.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.636 min Scan# 1254
Delta R.T. 0.016 min
Lab File: VL040006.D
Acq: 13 Dec 2022 14:50

Tgt Ion: 114 Resp: 3261361
Ion Ratio Lower Upper
114 100
63 24.3 21.4 32.0
88 17.9 15.3 22.9

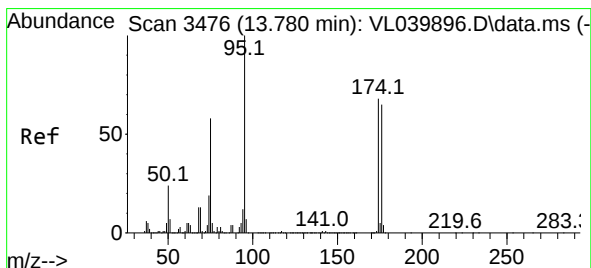
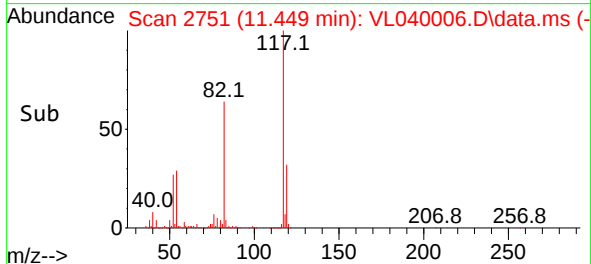
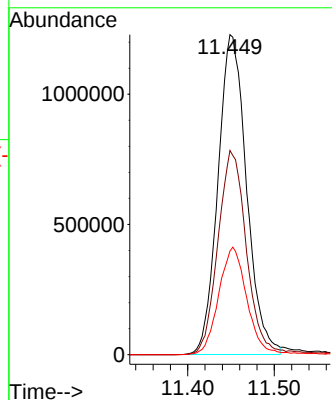
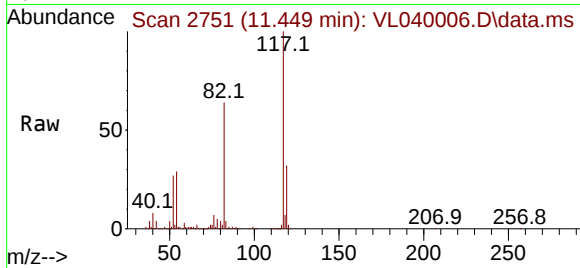




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040006.D
Acq: 13 Dec 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL1213ABL01

Tgt Ion:117 Resp: 2815459
Ion Ratio Lower Upper
117 100
82 64.6 52.3 78.5
119 33.5 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.038 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.023 min
Lab File: VL040006.D
Acq: 13 Dec 2022 14:50

Tgt Ion: 95 Resp: 2158681
Ion Ratio Lower Upper
95 100
174 63.8 53.7 80.5
175 4.5 4.0 6.0

