

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
 Data File : VL040891.D
 Acq On : 17 Nov 2023 12:13
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Nov 20 03:57:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	948430	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2379987	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2059762	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.780	95	1629143	10.102	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%

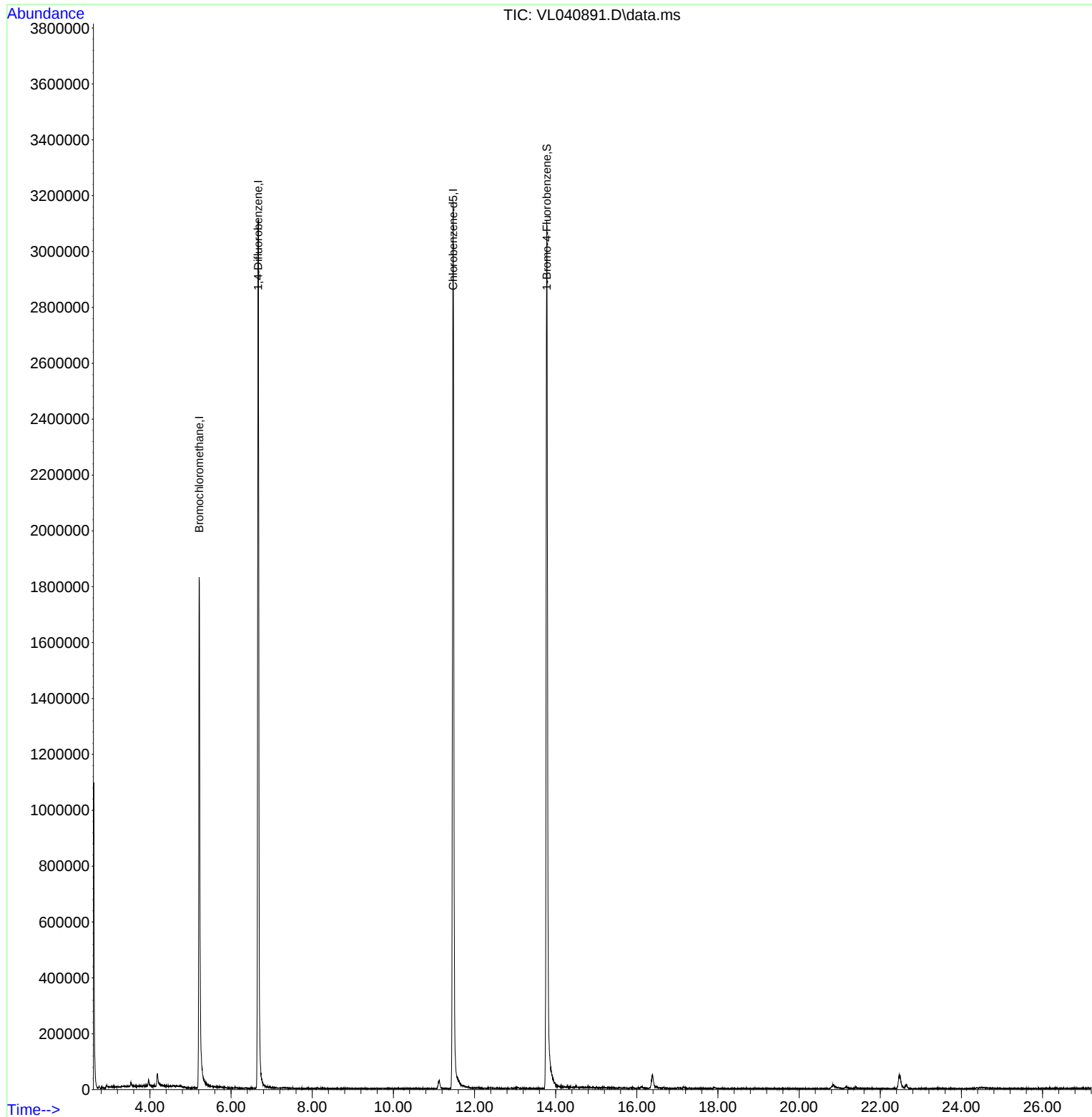
Target Compounds	Qvalue

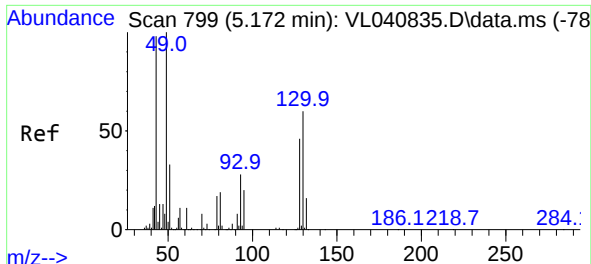
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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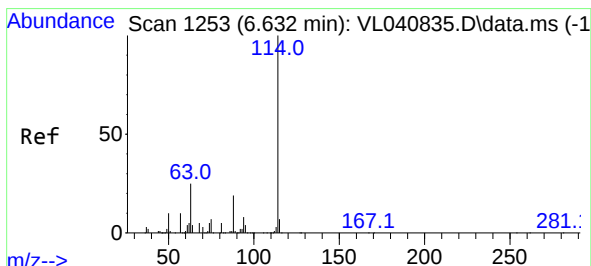
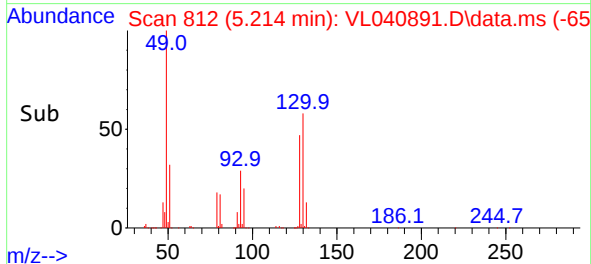
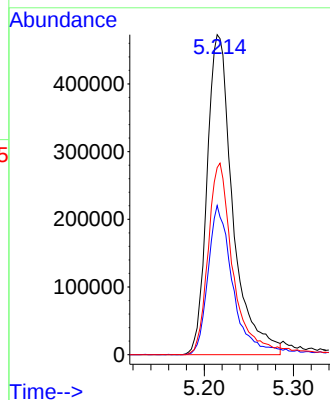
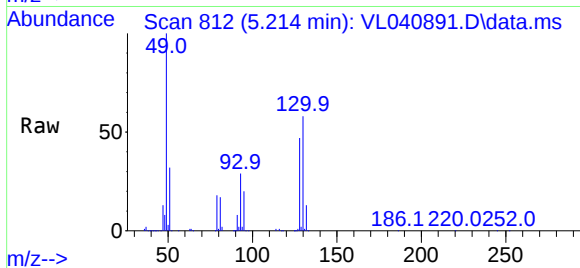




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040891.D
Acq: 17 Nov 2023 12:13

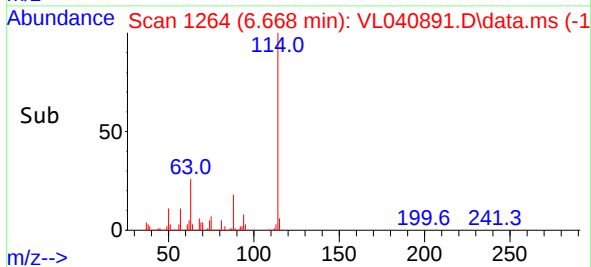
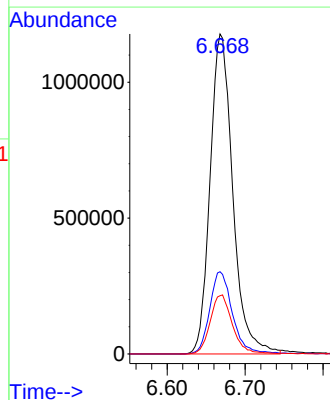
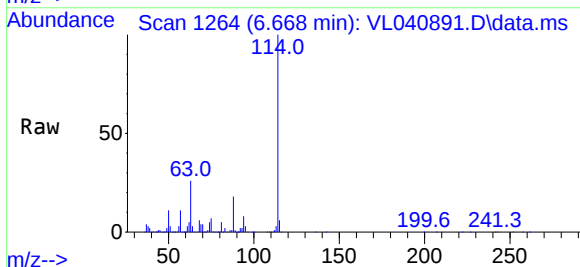
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

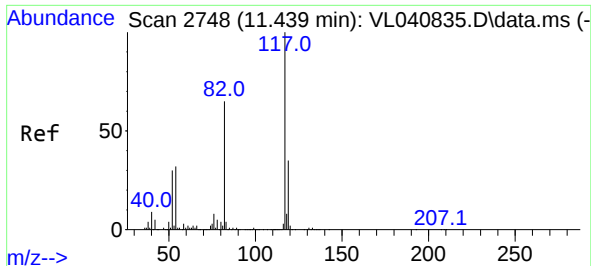
Tgt Ion: 49 Resp: 948430
Ion Ratio Lower Upper
49 100
128 47.4 23.8 71.2
130 60.3 30.9 92.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VL040891.D
Acq: 17 Nov 2023 12:13

Tgt Ion: 114 Resp: 2379987
Ion Ratio Lower Upper
114 100
63 26.1 20.9 31.3
88 18.3 14.3 21.5

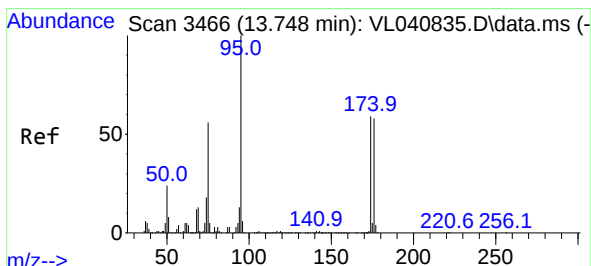
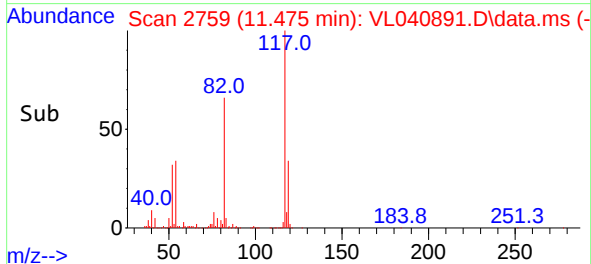
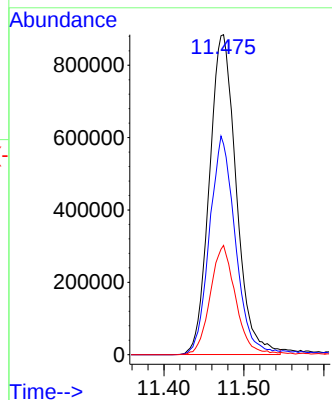
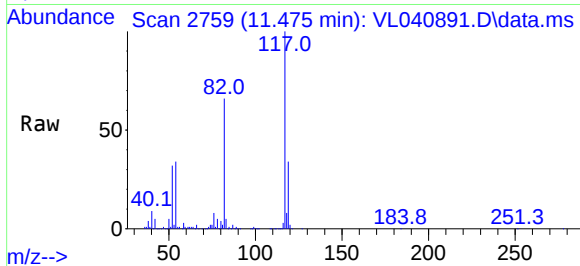




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040891.D
Acq: 17 Nov 2023 12:13

Instrument :
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VIBLK

Tgt Ion:117 Resp: 2059762
Ion Ratio Lower Upper
117 100
82 68.0 50.6 75.8
119 32.6 23.3 34.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.102 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.010 min
Lab File: VL040891.D
Acq: 17 Nov 2023 12:13

Tgt Ion: 95 Resp: 1629143
Ion Ratio Lower Upper
95 100
174 60.5 47.5 71.3
175 4.4 3.6 5.4

