

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021820\
Data File : VL034643.D
Acq On : 19 Feb 2020 3:34
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Feb 19 07:52:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1074395	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2307457	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2268284	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1838432	9.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.90%

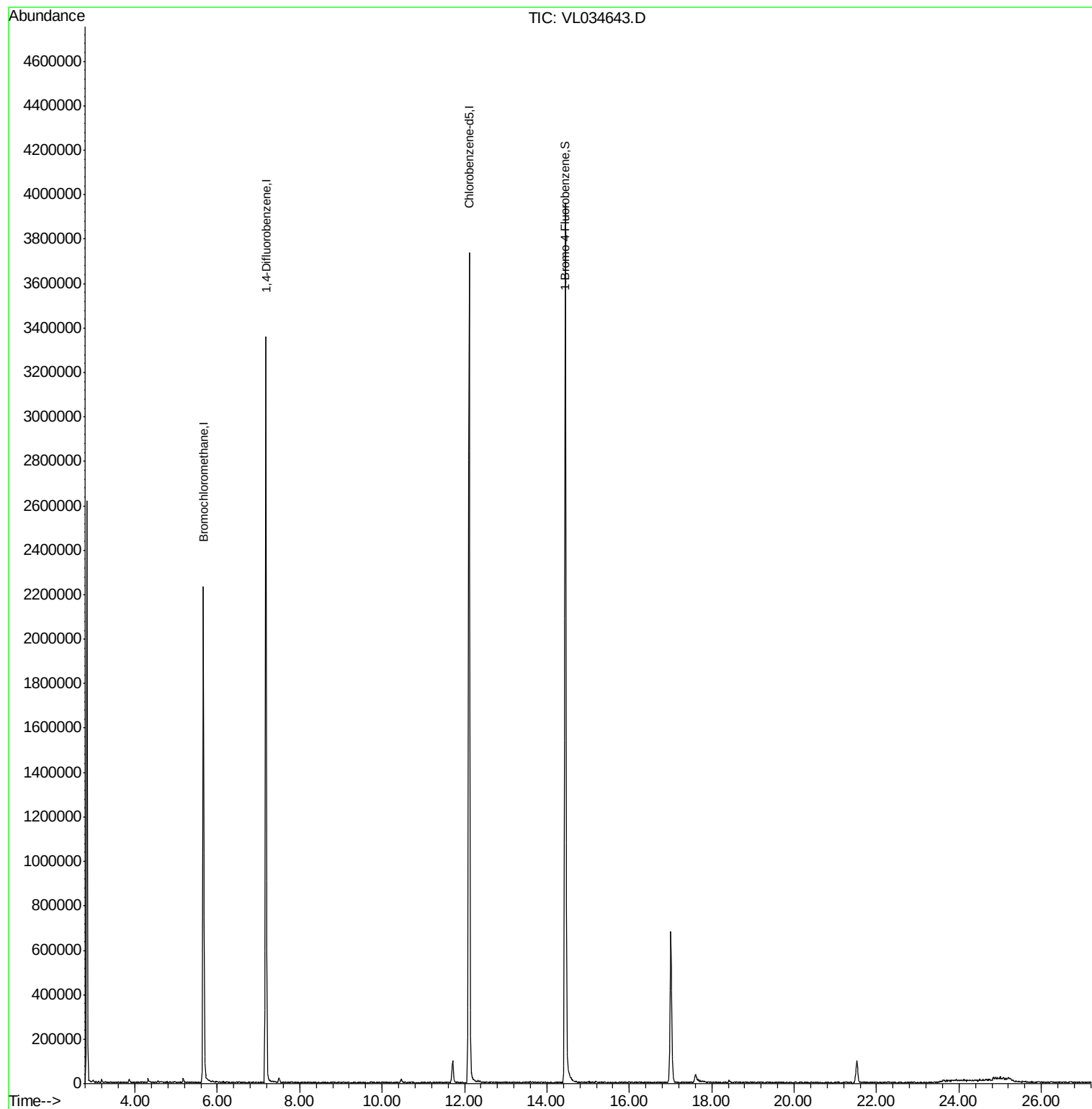
Target Compounds	Ovalue
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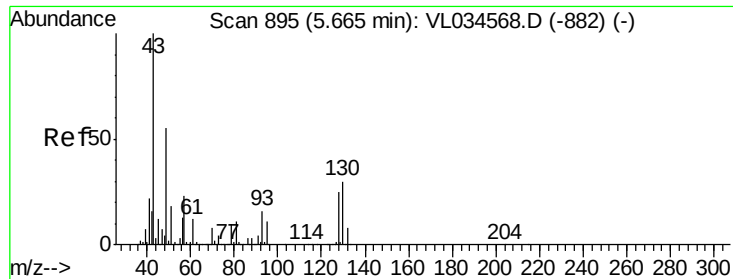
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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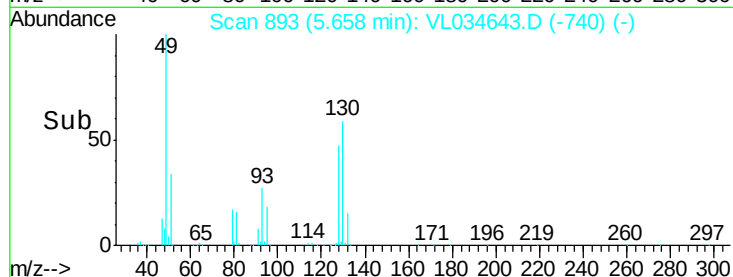
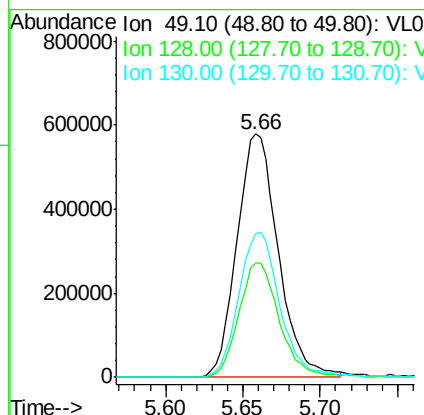
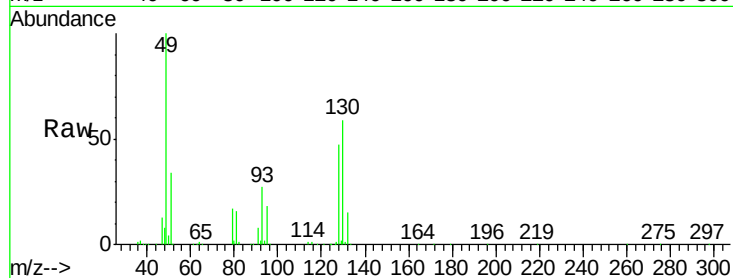




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: VL034643.D
 Acq: 19 Feb 2020 3:34

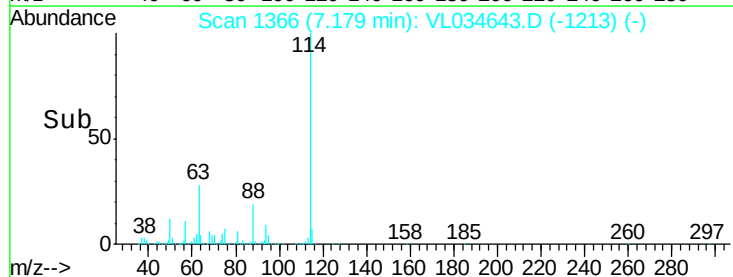
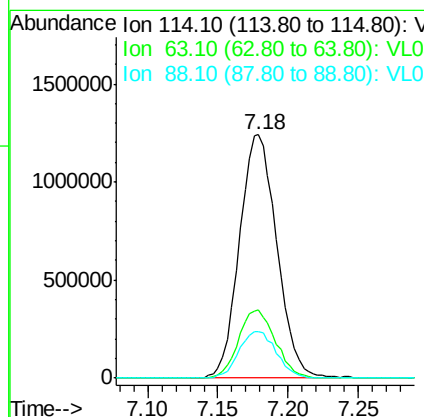
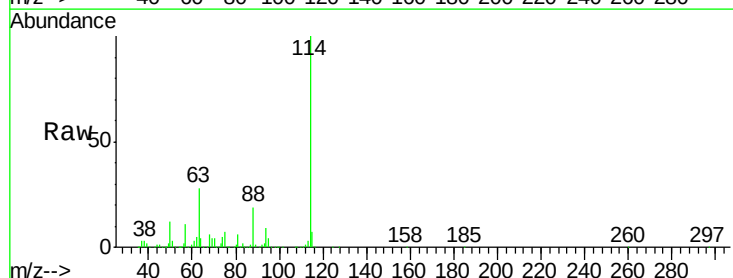
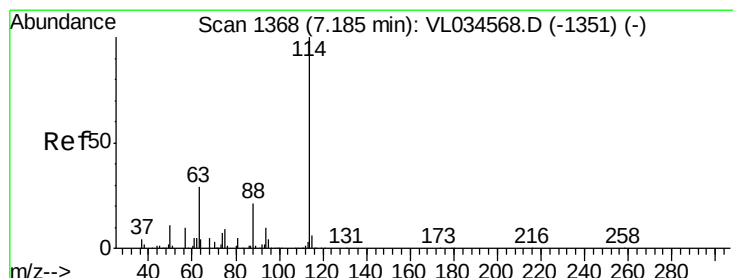
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

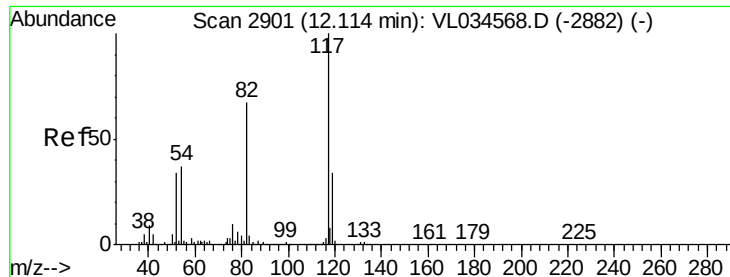
Tot Ion: 49 Resp: 1074395
 Ion Ratio Lower Upper
 49 100
 128 46.5 22.7 68.1
 130 60.0 28.6 85.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: VL034643.D
 Acq: 19 Feb 2020 3:34

Tgt Ion: 114 Resp: 2307457
 Ion Ratio Lower Upper
 114 100
 63 27.8 24.1 36.1
 88 19.3 15.9 23.9

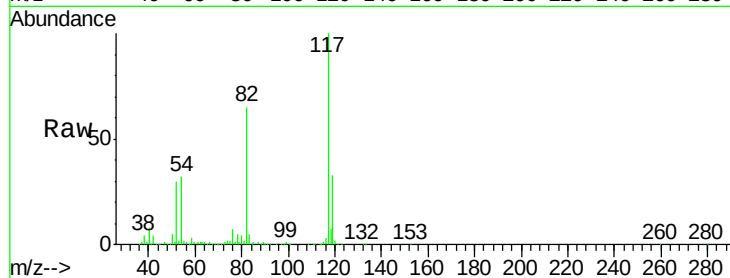




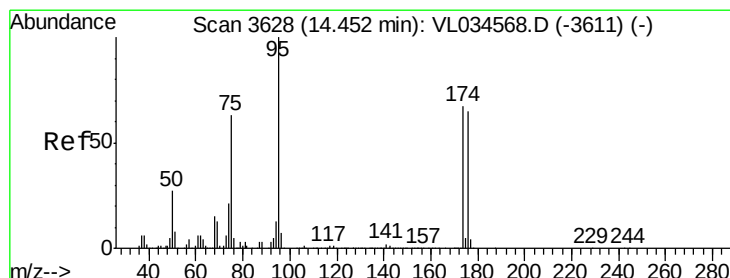
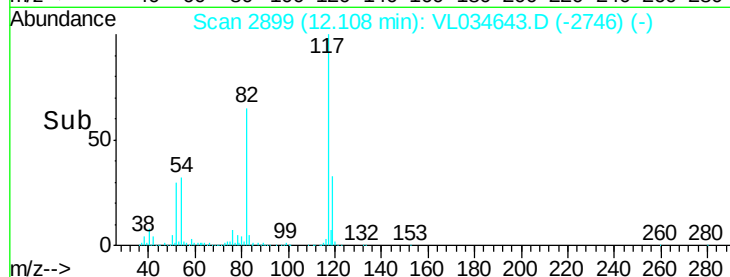
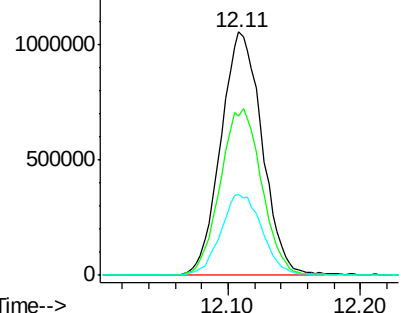
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL034643.D
Acq: 19 Feb 2020 3:34

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 2268284
Ion Ratio Lower Upper
117 100
82 69.3 54.2 81.4
119 33.8 26.1 39.1

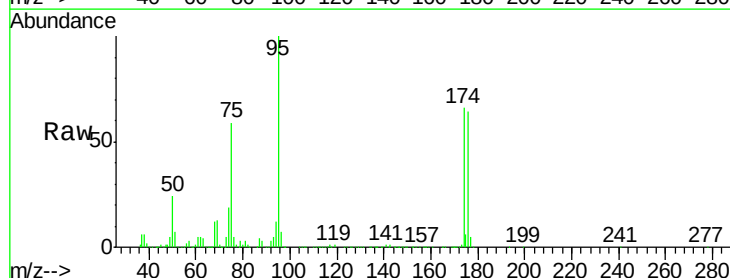


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.590 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL034643.D
Acq: 19 Feb 2020 3:34

Tgt Ion: 95 Resp: 1838432
Ion Ratio Lower Upper
95 100
174 69.3 52.3 78.5
175 5.2 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

