

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031720\
 Data File : VL034918.D
 Acq On : 17 Mar 2020 16:44
 Operator : SY/AP
 Sample : L1952-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Quant Time: Mar 18 17:23:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1029541	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2212751	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2209354	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1828119	10.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

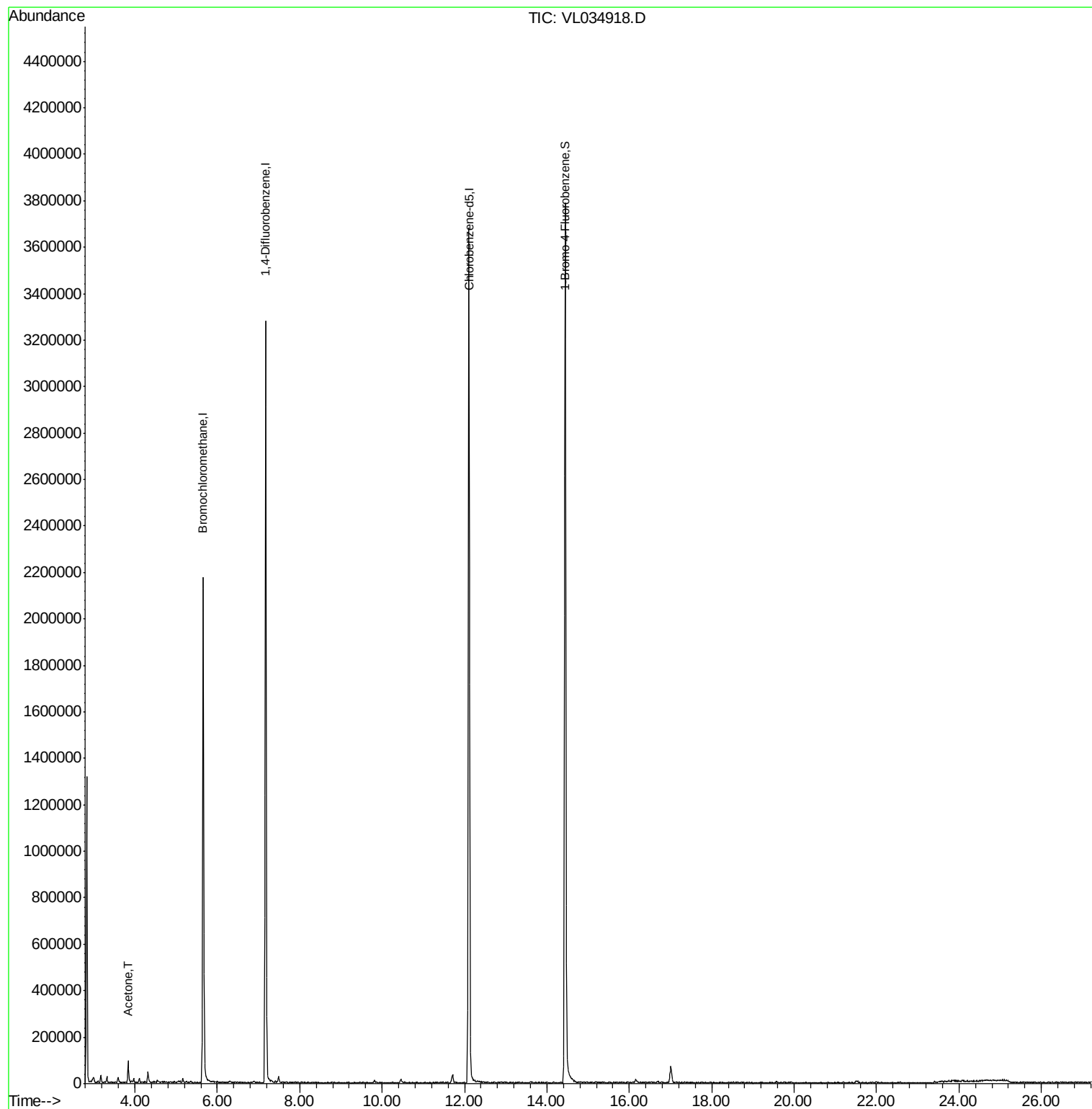
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	79778	0.598	ppbv	# 89

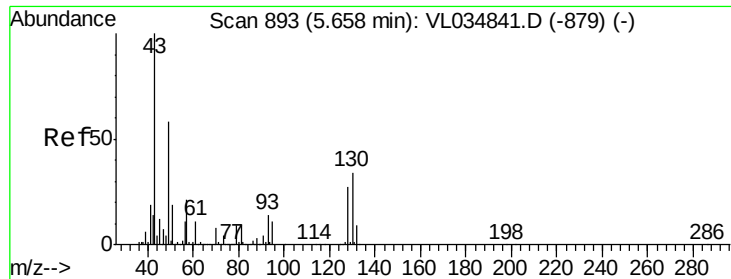
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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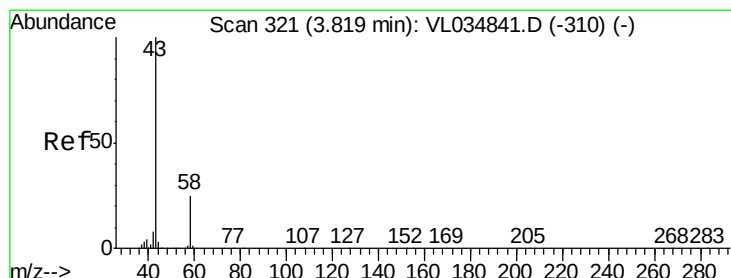
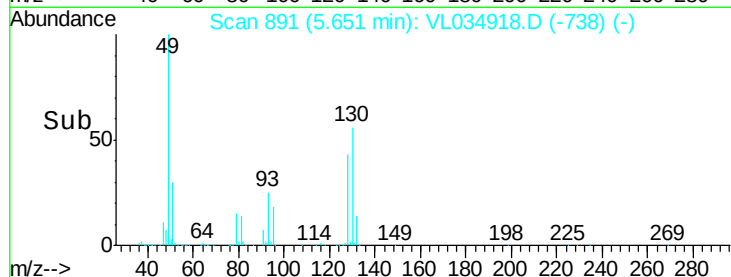
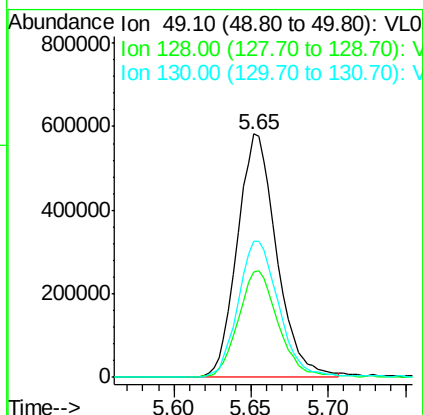
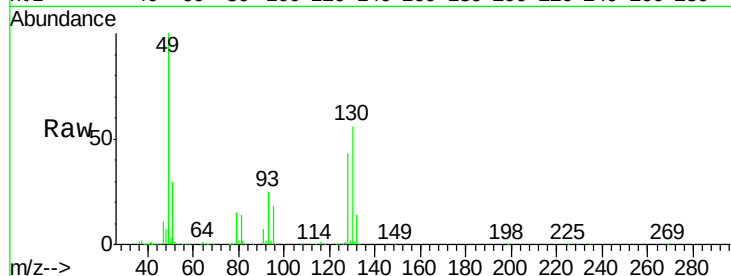




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: VL034918.D
 Acq: 17 Mar 2020 16:44

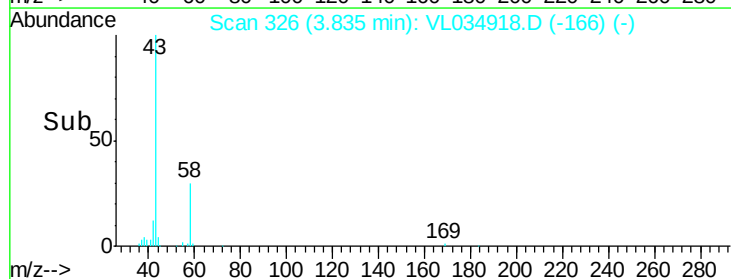
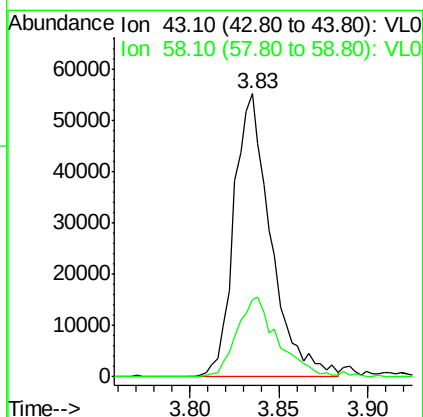
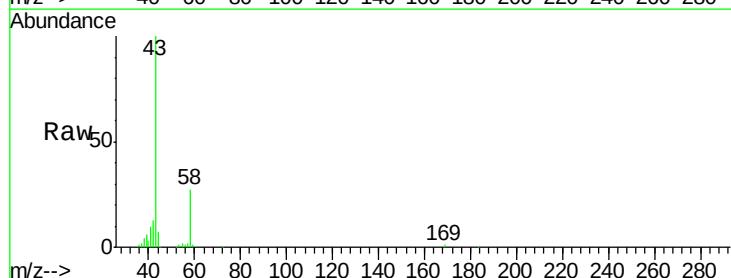
Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

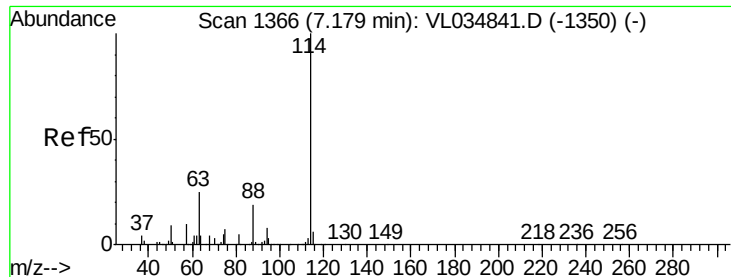
Tot Ion: 49 Resp: 1029541
 Ion Ratio Lower Upper
 49 100
 128 44.7 23.4 70.3
 130 58.6 30.0 90.0



#15
 Acetone
 Concen: 0.598 ppbv
 RT: 3.83 min Scan# 326
 Delta R.T. 0.02 min
 Lab File: VL034918.D
 Acq: 17 Mar 2020 16:44

Tgt Ion: 43 Resp: 79778
 Ion Ratio Lower Upper
 43 100
 58 31.8 21.0 31.6#

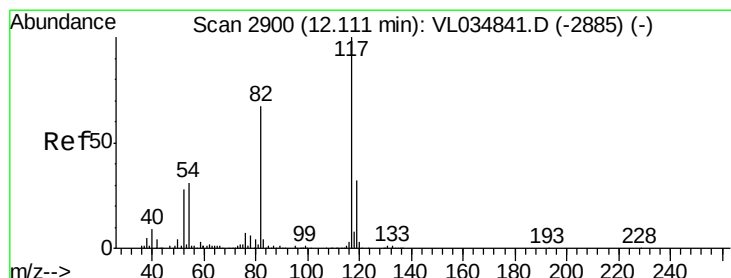
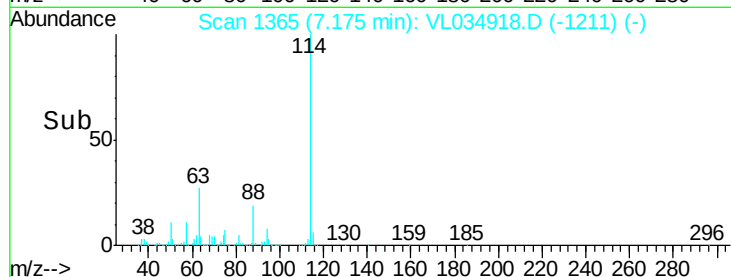
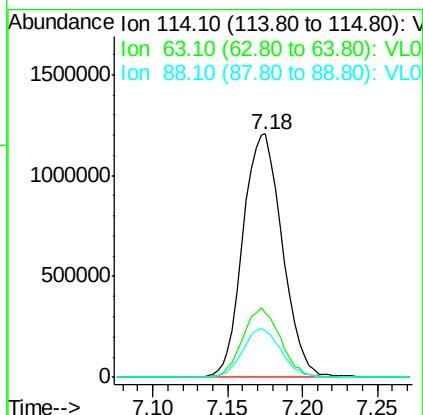
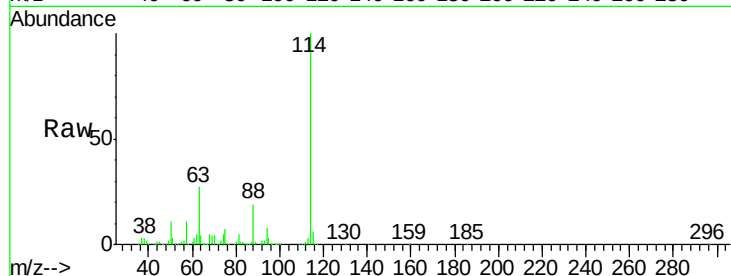




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL034918.D
 Acq: 17 Mar 2020 16:44

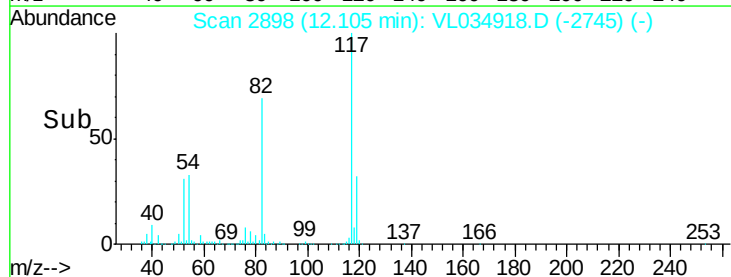
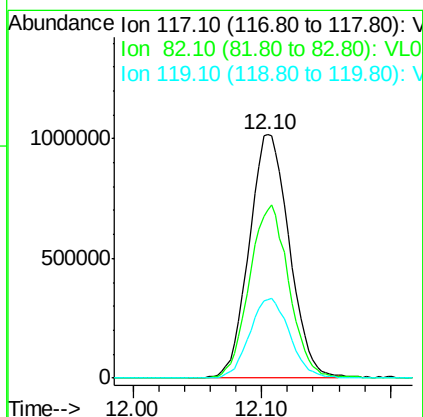
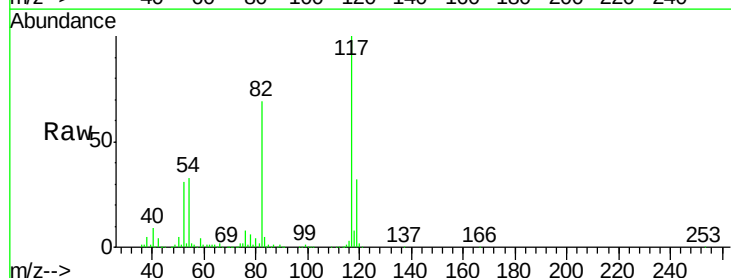
Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

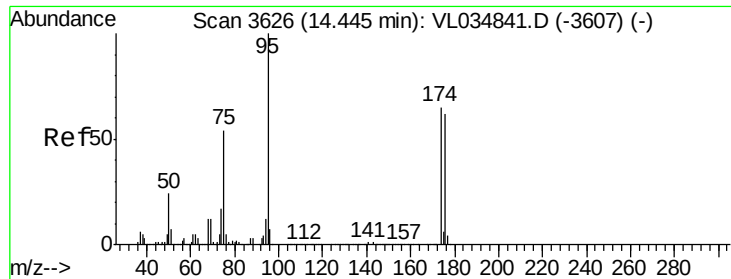
Tot Ion:114 Resp: 2212751
 Ion Ratio Lower Upper
 114 100
 63 27.5 20.6 31.0
 88 19.4 15.0 22.6



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: VL034918.D
 Acq: 17 Mar 2020 16:44

Tgt Ion:117 Resp: 2209354
 Ion Ratio Lower Upper
 117 100
 82 70.6 51.1 76.7
 119 32.9 27.3 40.9





#68

1-Bromo-4-Fluorobenzene

Concen: 10.610 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. -0.00 min

Lab File: VL034918.D

Acq: 17 Mar 2020 16:44

Instrument :

MSVOA_L

ClientSampleId :

AA-1DL

Tot Ion: 95 Resp: 1828119

Ion Ratio Lower Upper

95 100

174 64.8 55.2 82.8

175 4.7 4.3 6.5

