

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031720\
 Data File : VL034915.D
 Acq On : 17 Mar 2020 14:08
 Operator : SY/AP
 Sample : VL0317ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABL01

Quant Time: Mar 18 07:13:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1063526	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2268677	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2271032	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1871818	10.57	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.70%

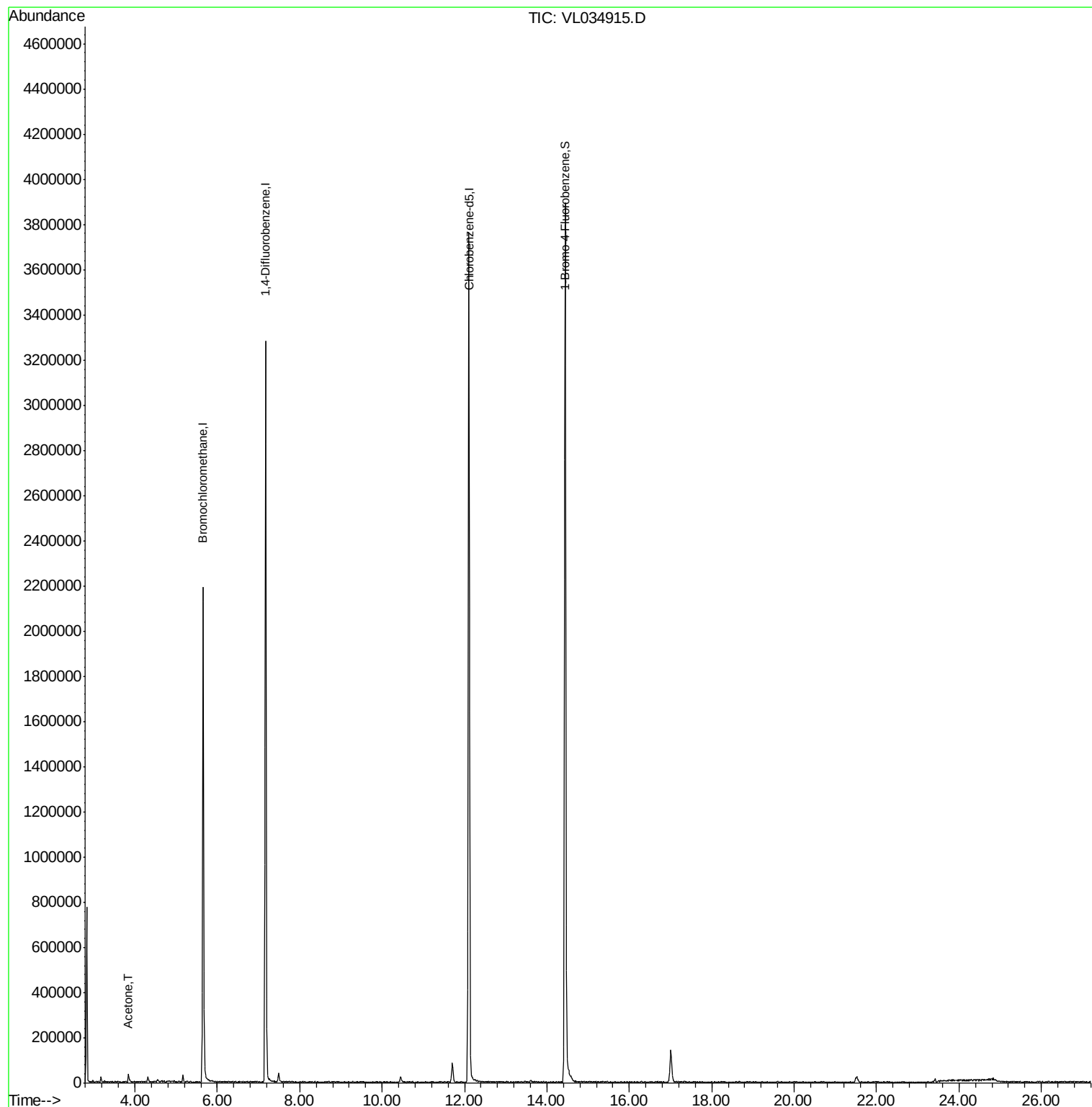
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	27944	0.203	ppbv	# 57

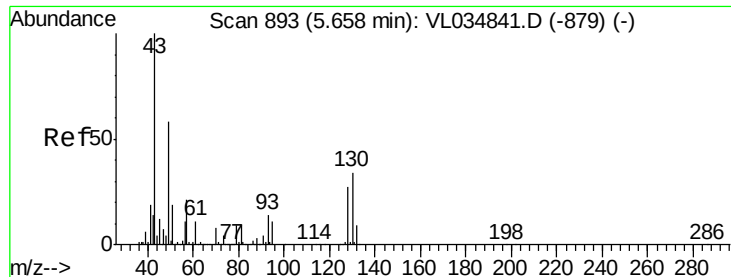
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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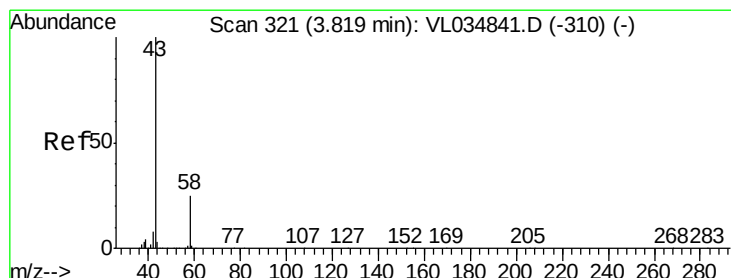
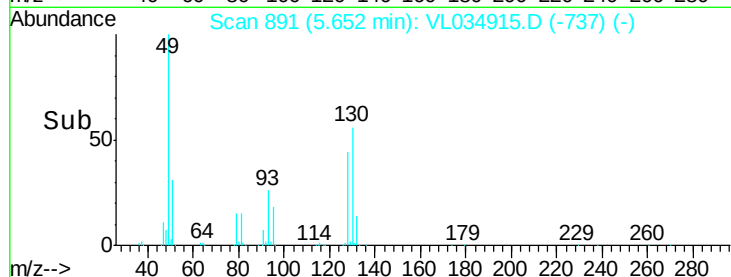
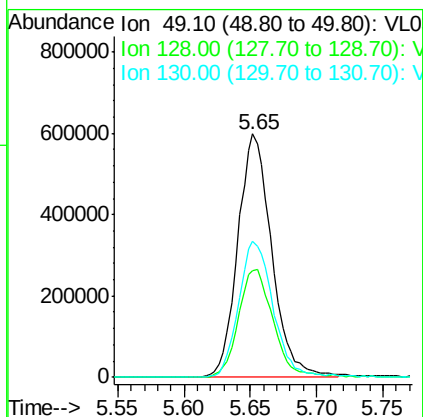
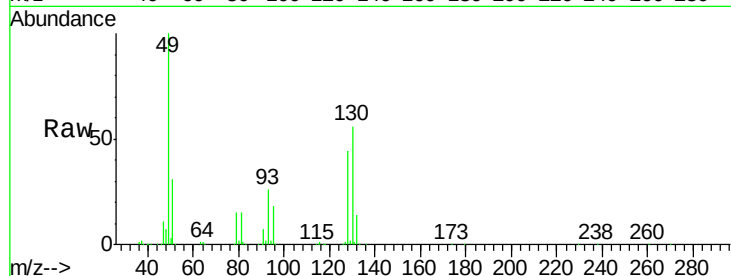




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: VL034915.D
 Acq: 17 Mar 2020 14:08

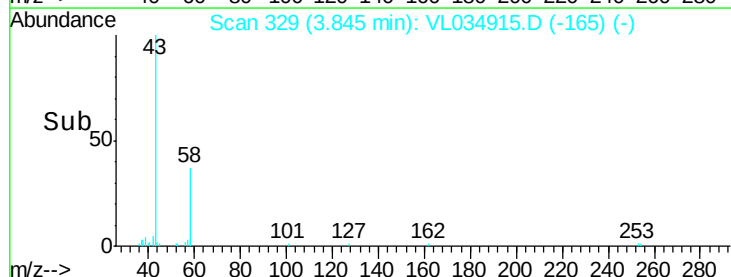
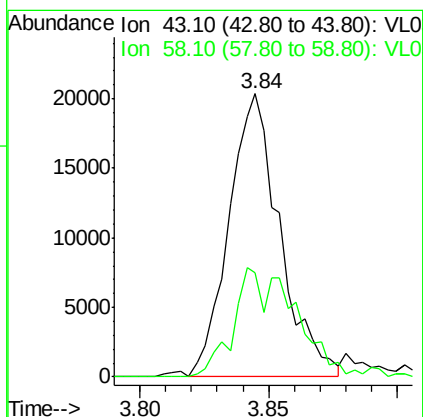
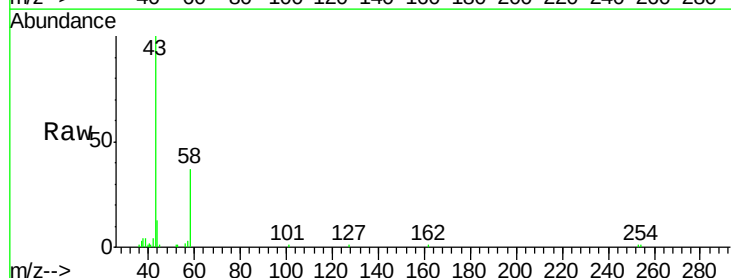
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABL01

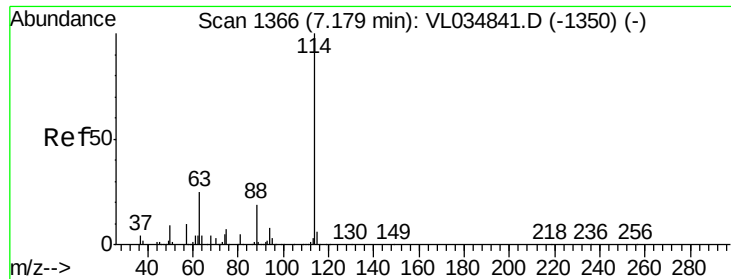
Tot Ion: 49 Resp: 1063526
 Ion Ratio Lower Upper
 49 100
 128 46.0 23.4 70.3
 130 57.7 30.0 90.0



#15
 Acetone
 Concen: 0.203 ppbv
 RT: 3.84 min Scan# 329
 Delta R.T. 0.03 min
 Lab File: VL034915.D
 Acq: 17 Mar 2020 14:08

Tgt Ion: 43 Resp: 27944
 Ion Ratio Lower Upper
 43 100
 58 48.4 21.0 31.6#

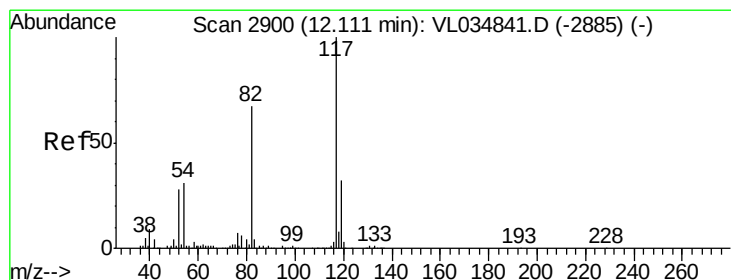
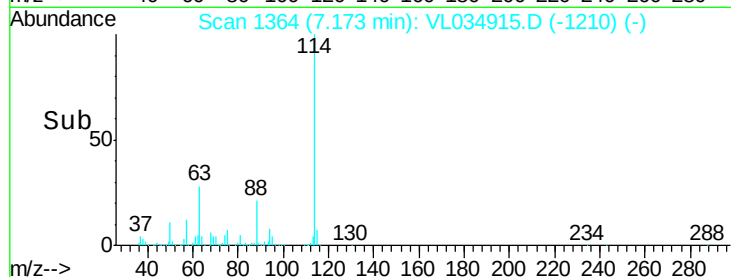
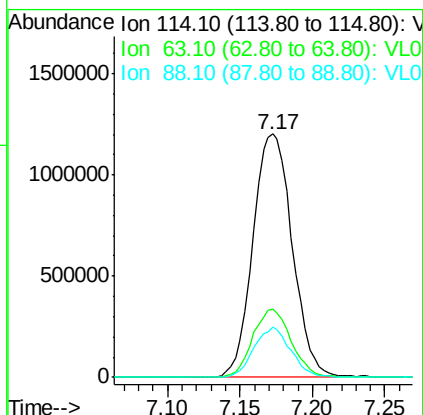
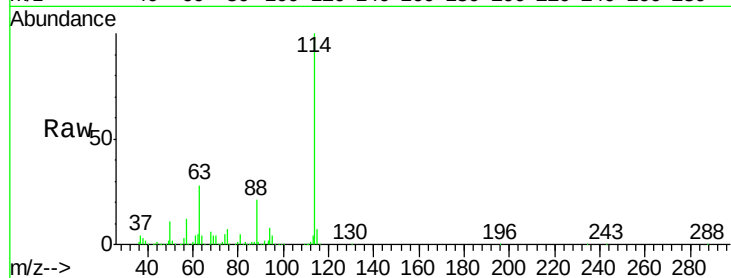




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL034915.D
 Acq: 17 Mar 2020 14:08

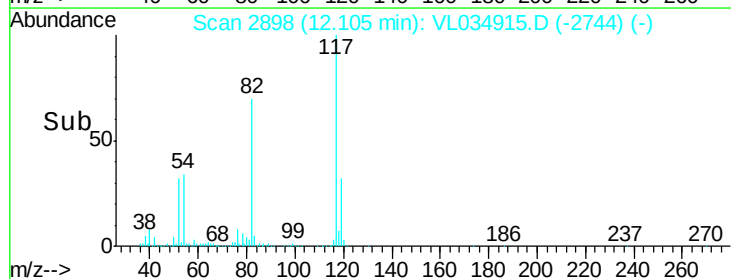
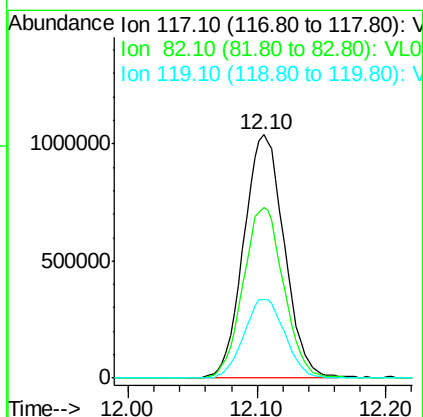
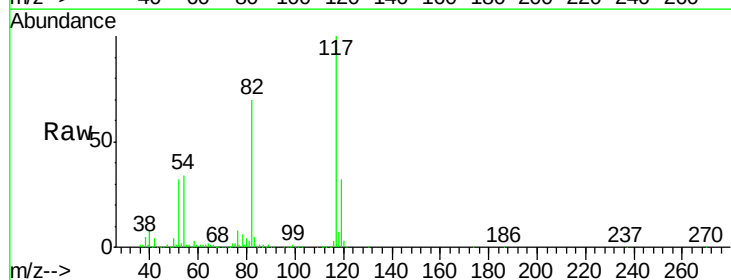
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABL01

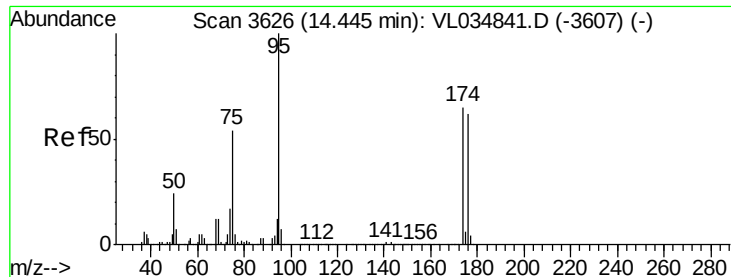
Tot Ion:114 Resp: 2268677
 Ion Ratio Lower Upper
 114 100
 63 27.5 20.6 31.0
 88 19.3 15.0 22.6



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: VL034915.D
 Acq: 17 Mar 2020 14:08

Tgt Ion:117 Resp: 2271032
 Ion Ratio Lower Upper
 117 100
 82 70.5 51.1 76.7
 119 33.0 27.3 40.9





#68

1-Bromo-4-Fluorobenzene

Concen: 10.569 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. 0.00 min

Lab File: VL034915.D

Acq: 17 Mar 2020 14:08

Instrument :

MSVOA_L

ClientSampleId :

VL0317ABL01

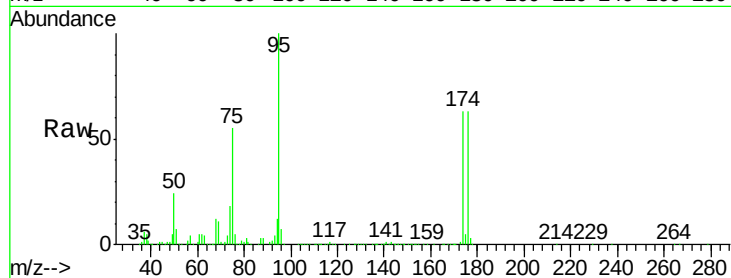
Tot Ion: 95 Resp: 1871818

Ion Ratio Lower Upper

95 100

174 65.2 55.2 82.8

175 4.8 4.3 6.5



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

