

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021920\
 Data File : VL034657.D
 Acq On : 19 Feb 2020 23:00
 Operator : SY/AP
 Sample : L1553-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Quant Time: Feb 21 10:31:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.65	49	721416	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1498571	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.11	117	1521389	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1304364	10.14	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

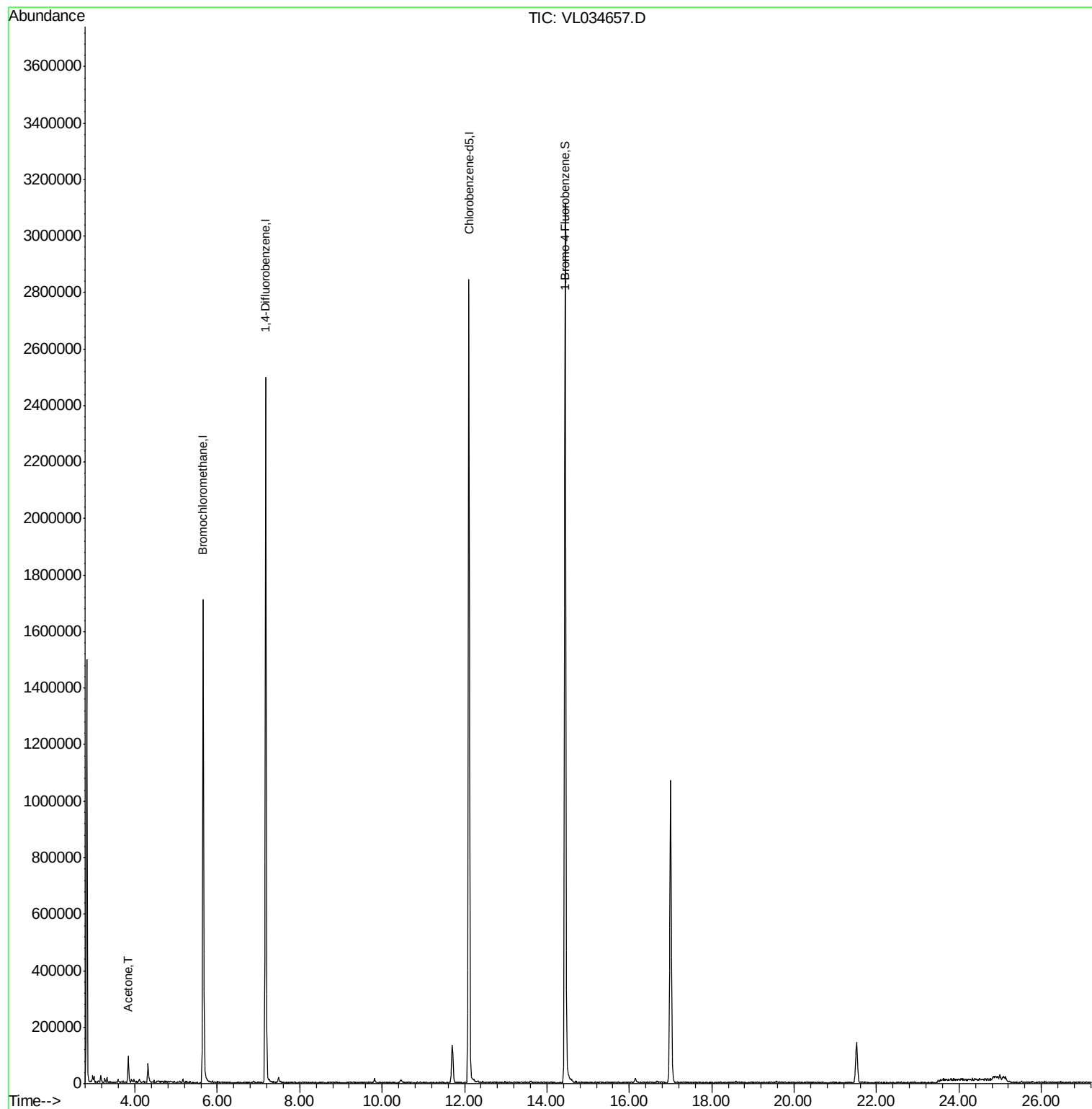
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	80652	0.761	ppbv	92

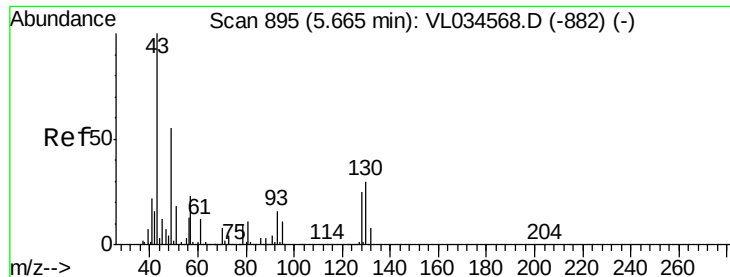
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
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QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

AA-1DL

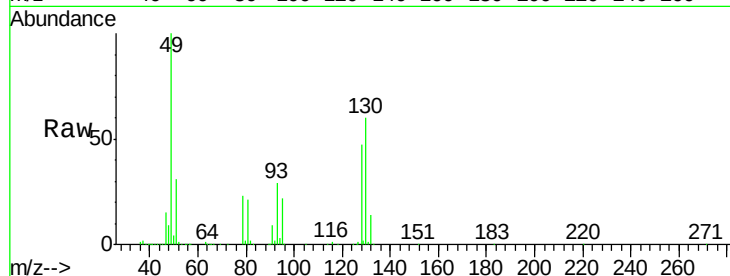
Tot Ion: 49 Resp: 721416

Ion Ratio Lower Upper

49 100

128 47.6 22.7 68.1

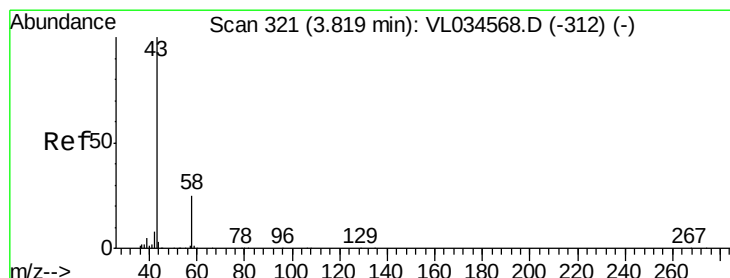
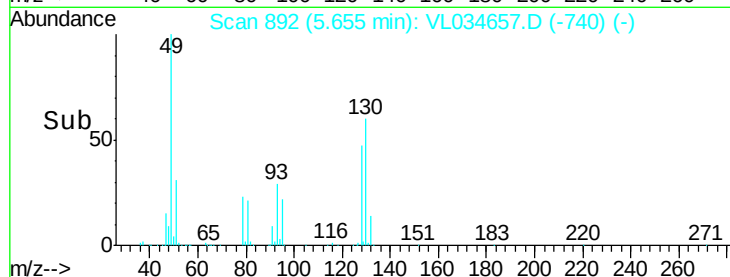
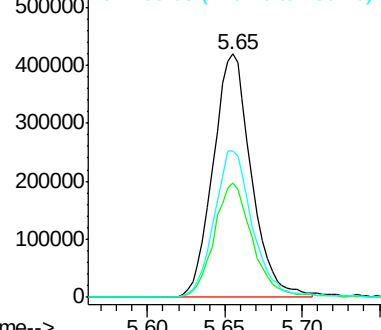
130 61.0 28.6 85.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.761 ppbv

RT: 3.84 min Scan# 326

Delta R.T. 0.02 min

Lab File: VL034657.D

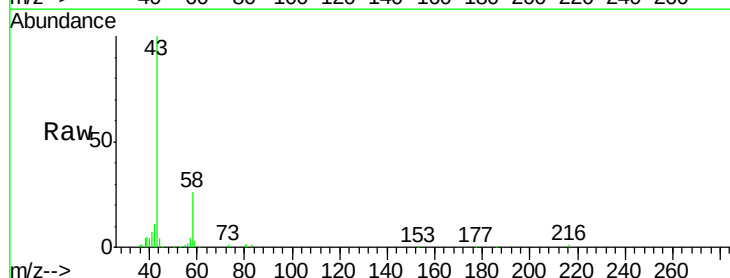
Acq: 19 Feb 2020 23:00

Tgt Ion: 43 Resp: 80652

Ion Ratio Lower Upper

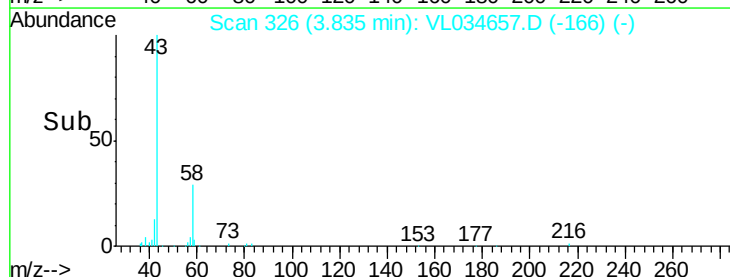
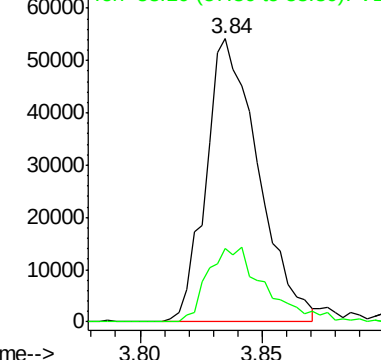
43 100

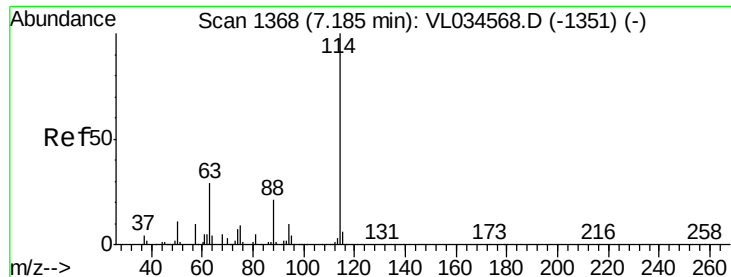
58 29.2 20.3 30.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

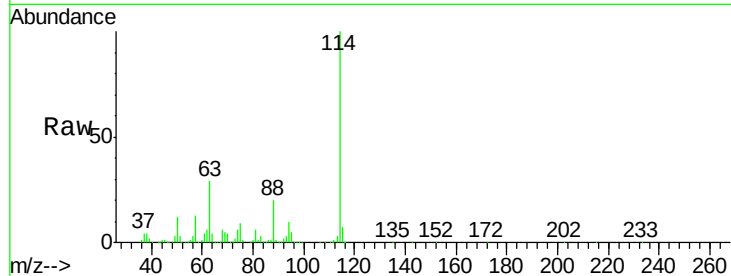




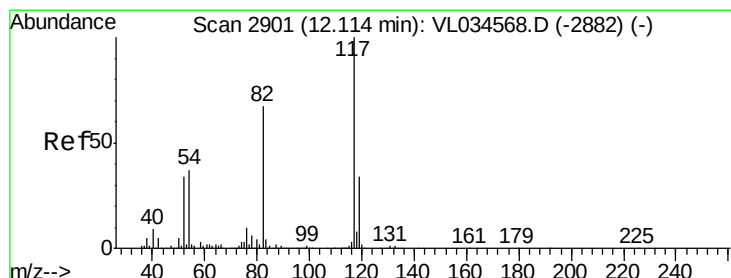
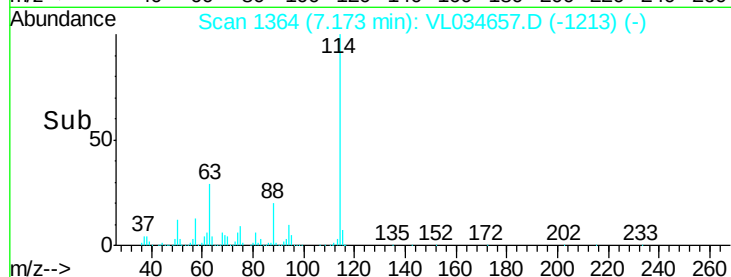
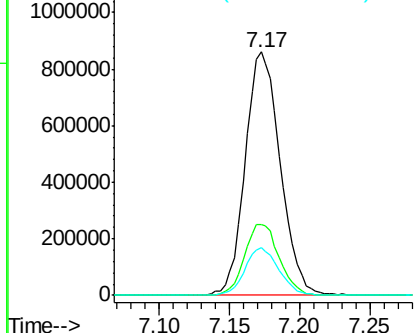
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL034657.D
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Instrument :
 MSVOA_L
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 AA-1DL

Tot Ion:114 Resp: 1498571
 Ion Ratio Lower Upper
 114 100
 63 29.0 24.1 36.1
 88 19.1 15.9 23.9

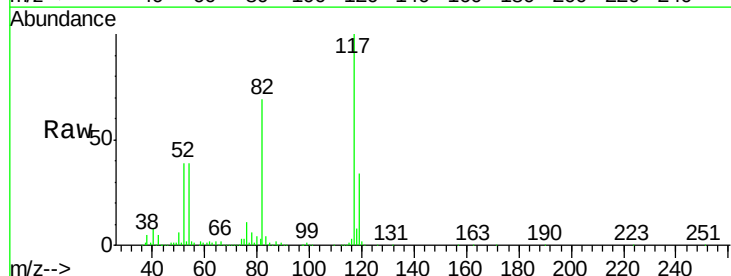


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

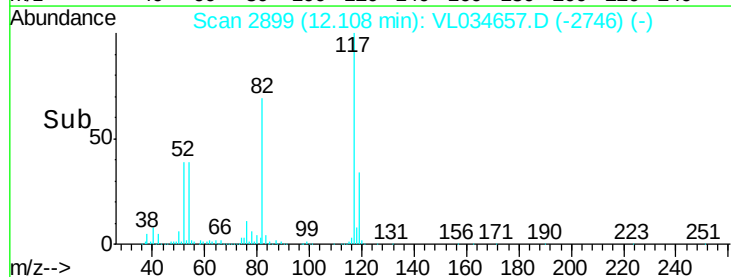
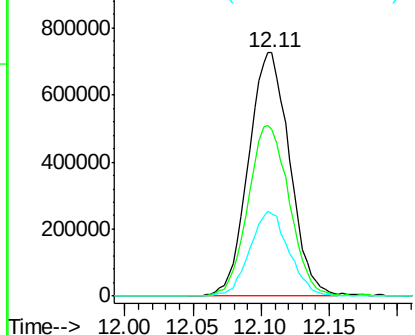


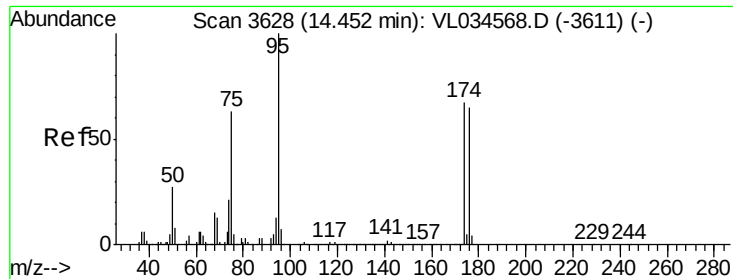
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2899
 Delta R.T. -0.01 min
 Lab File: VL034657.D
 Acq: 19 Feb 2020 23:00

Tgt Ion:117 Resp: 1521389
 Ion Ratio Lower Upper
 117 100
 82 70.9 54.2 81.4
 119 33.2 26.1 39.1



Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.144 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. -0.01 min

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ClientSampleId :

AA-1DL

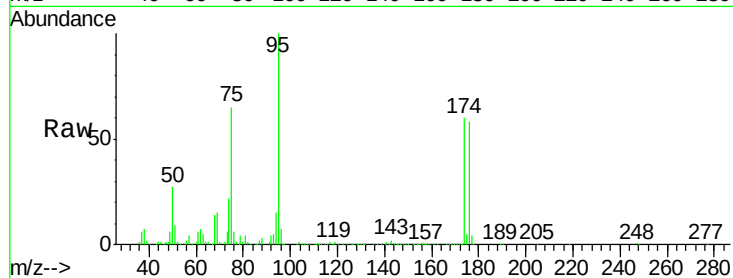
Tot Ion: 95 Resp: 1304364

Ion Ratio Lower Upper

95 100

174 64.1 52.3 78.5

175 4.4 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

