

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030920\
 Data File : VL034849.D
 Acq On : 9 Mar 2020 21:47
 Operator : SY/AP
 Sample : VL0309ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0309ABL01

Quant Time: Mar 11 04:47:07 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	910016	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2054039	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2033080	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1596253	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

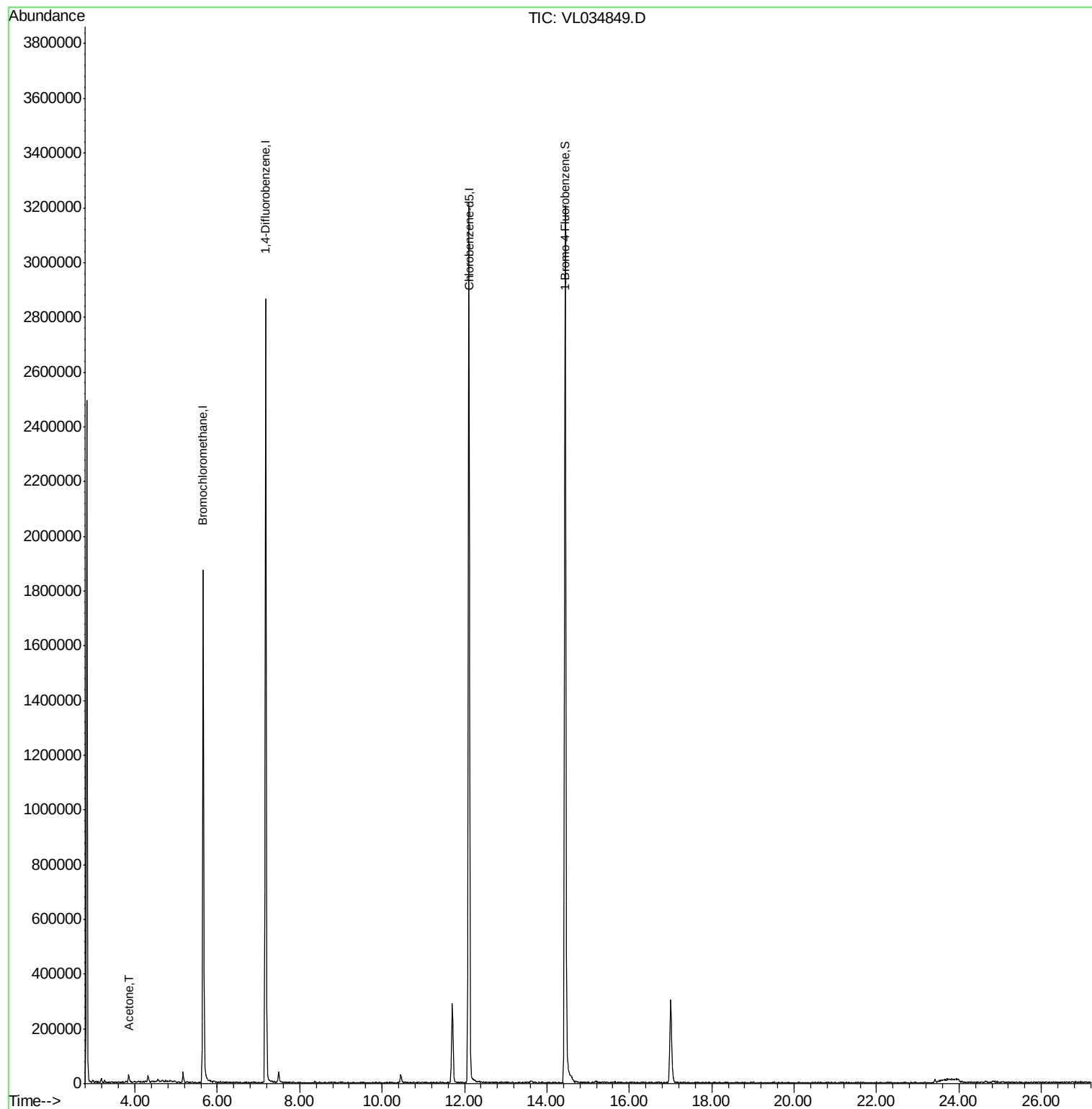
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	21840	0.185	ppbv	# 71

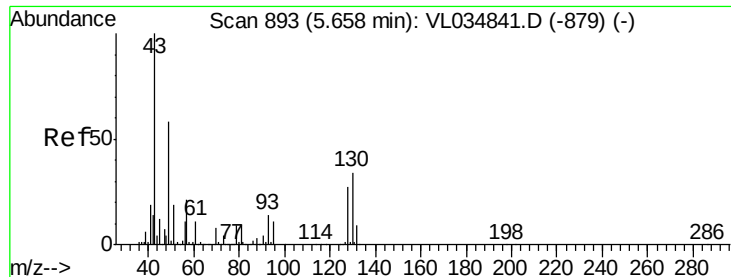
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030920\
Data File : VL034849.D
Acq On : 9 Mar 2020 21:47
Operator : SY/AP
Sample : VL0309ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0309ABL01

Quant Time: Mar 11 04:47:07 2020
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

Lab File: VL034849.D

Acq: 9 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

VL0309ABL01

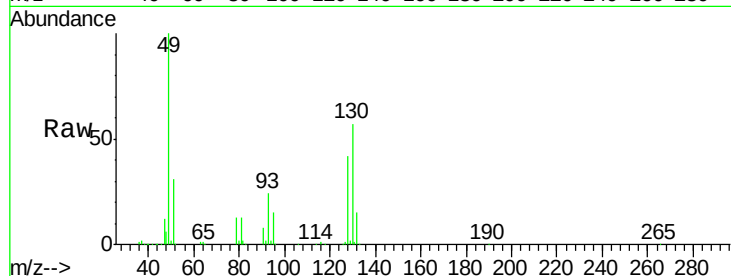
Tot Ion: 49 Resp: 910016

Ion Ratio Lower Upper

49 100

128 46.6 23.4 70.3

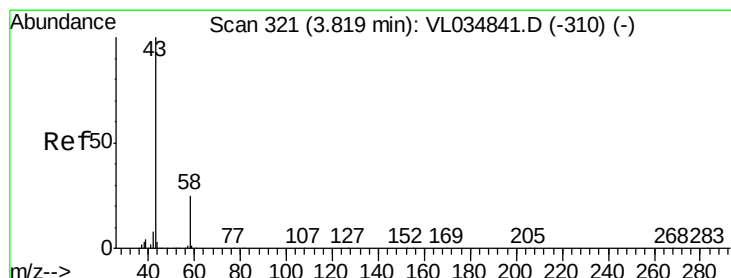
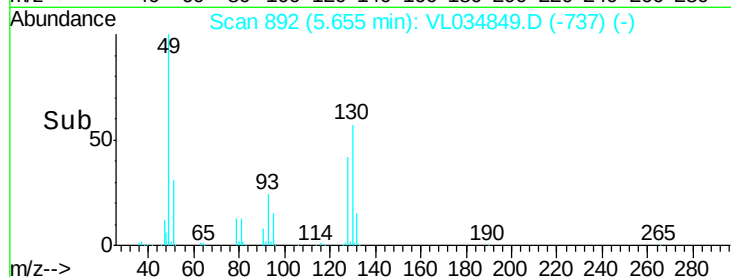
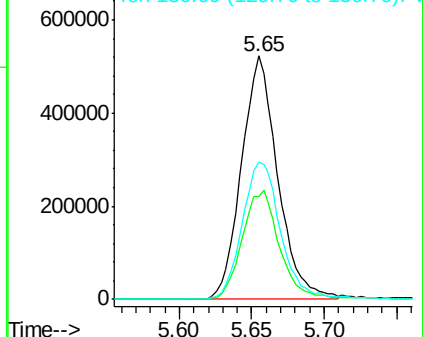
130 60.2 30.0 90.0



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: 0.185 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.03 min

Lab File: VL034849.D

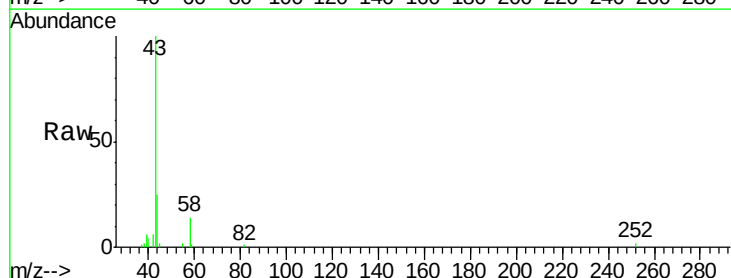
Acq: 9 Mar 2020 21:47

Tgt Ion: 43 Resp: 21840

Ion Ratio Lower Upper

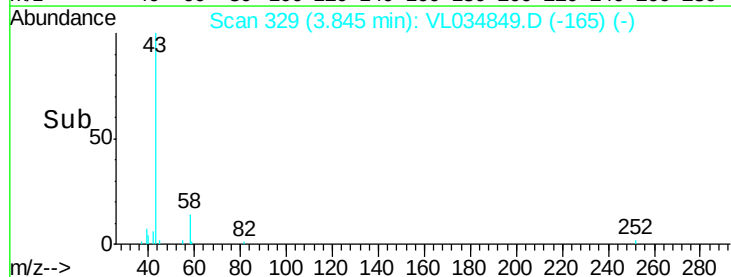
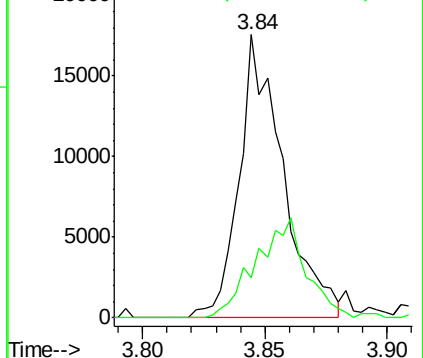
43 100

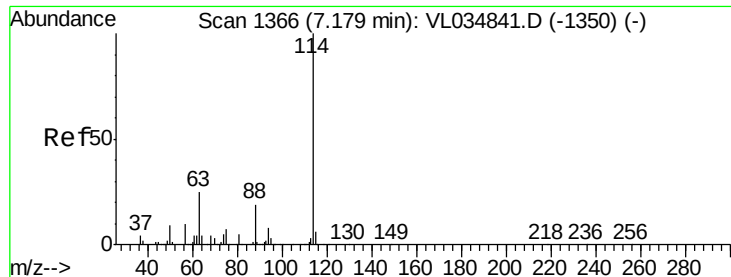
58 41.4 21.0 31.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

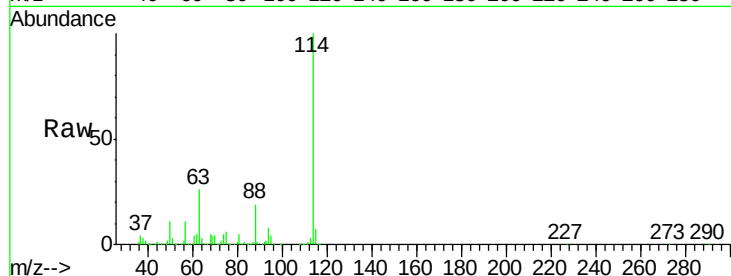




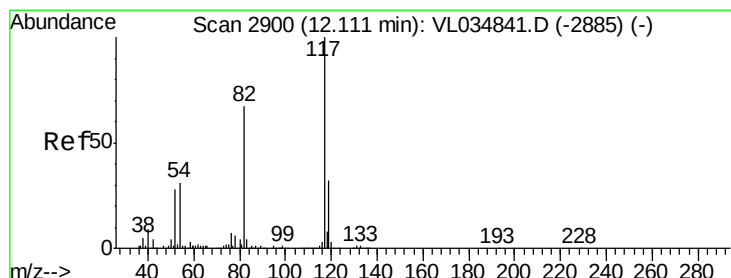
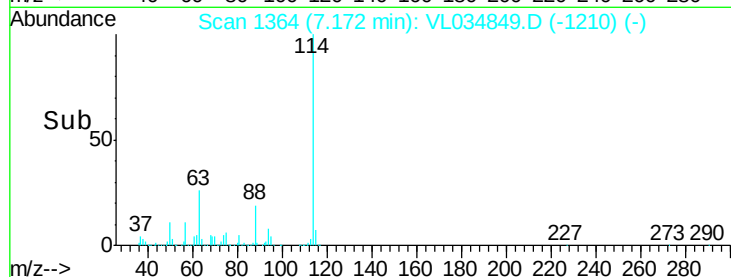
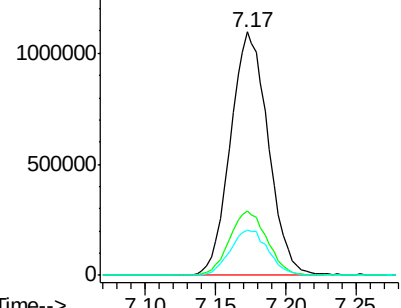
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL034849.D
 Acq: 9 Mar 2020 21:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0309ABL01

Tot Ion:114 Resp: 2054039
 Ion Ratio Lower Upper
 114 100
 63 26.5 20.6 31.0
 88 18.8 15.0 22.6

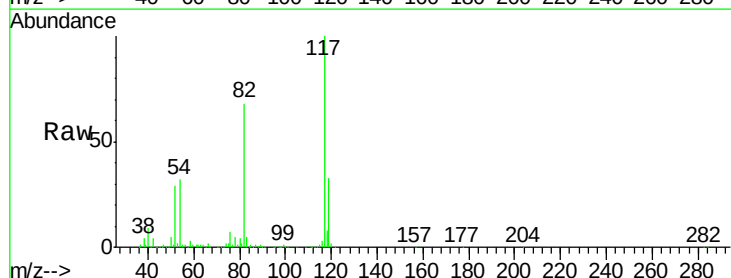


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

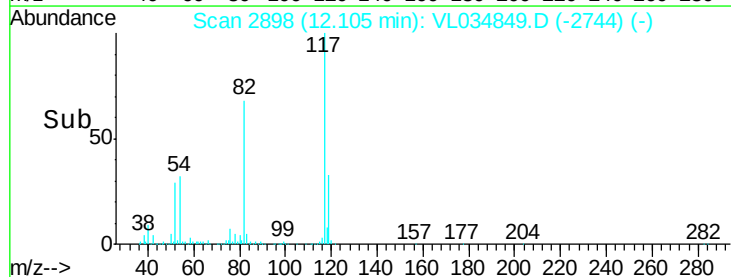
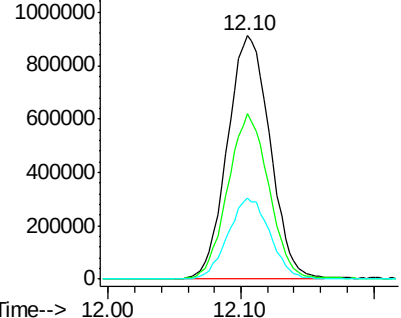


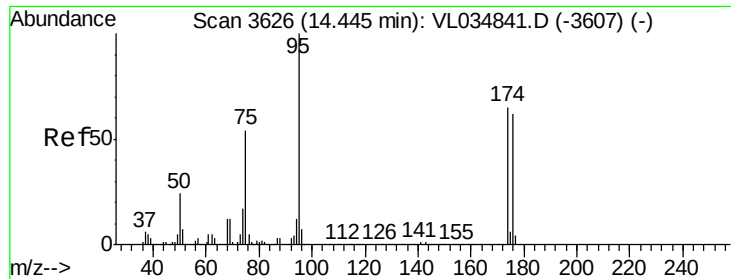
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: VL034849.D
 Acq: 9 Mar 2020 21:47

Tgt Ion:117 Resp: 2033080
 Ion Ratio Lower Upper
 117 100
 82 66.0 51.1 76.7
 119 33.0 27.3 40.9



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: 10.067 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. -0.00 min

Lab File: VL034849.D

Acq: 9 Mar 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

VL0309ABL01

Tot Ion: 95 Resp: 1596253

Ion Ratio Lower Upper

95 100

174 68.4 55.2 82.8

175 5.4 4.3 6.5

