

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030620\
 Data File : VL034824.D
 Acq On : 6 Mar 2020 21:12
 Operator : SY/AP
 Sample : L1698-03DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-6-4DL2

Quant Time: Mar 07 09:04:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
 QLast Update : Wed Mar 04 06:36:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	864315	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	1946831	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.12	117	1901483	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1503310	9.48	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.80%

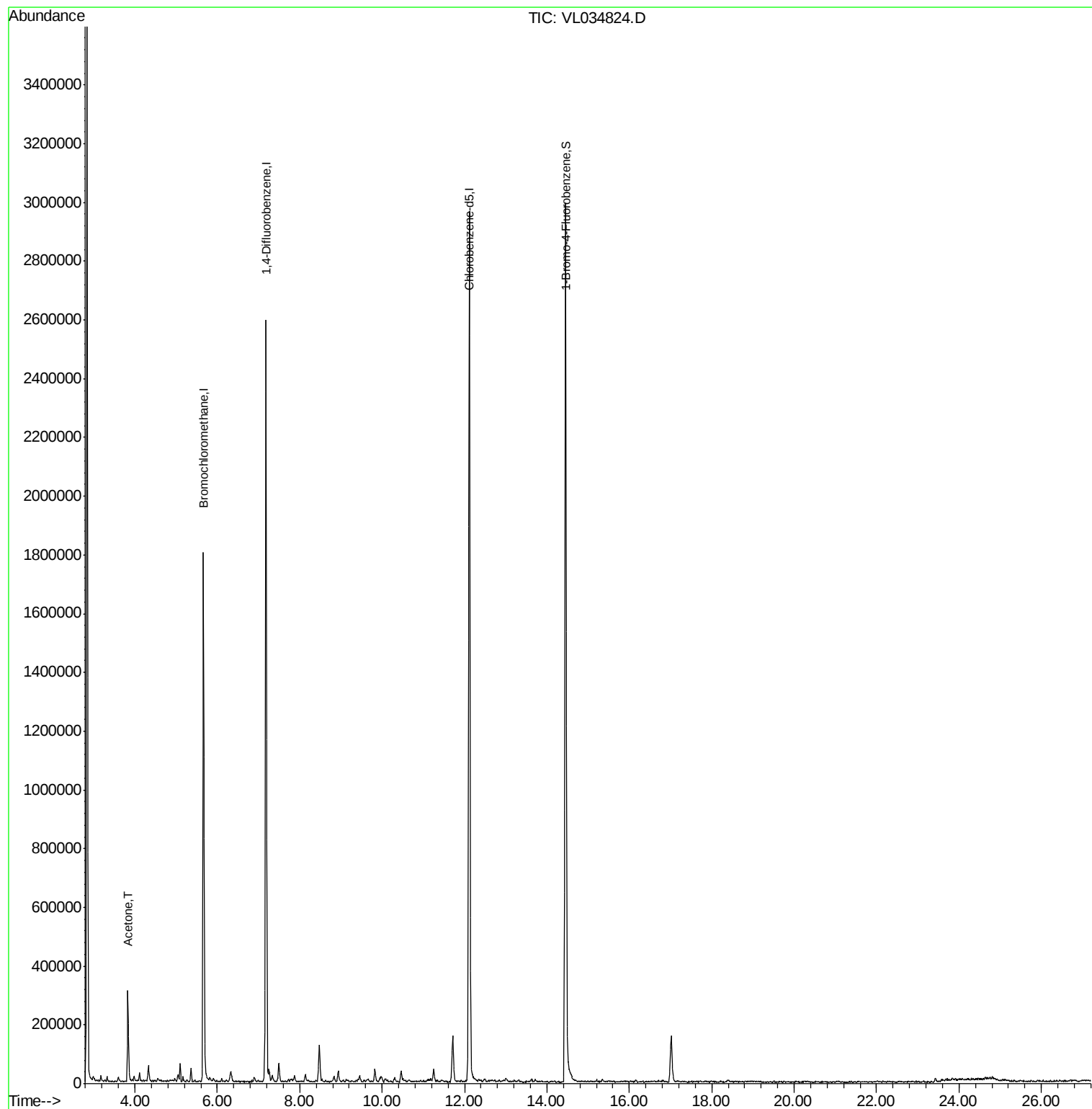
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	314700	3.041	ppbv	99

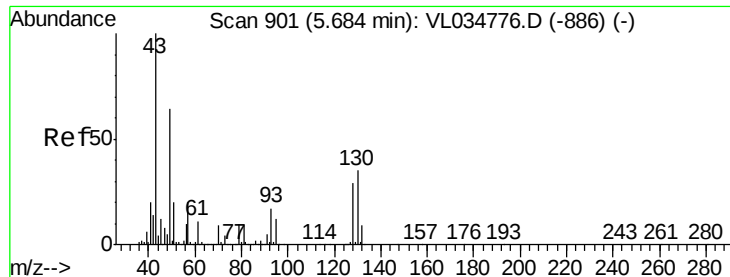
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.02 min

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MSVOA_L

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SS-6-4DL2

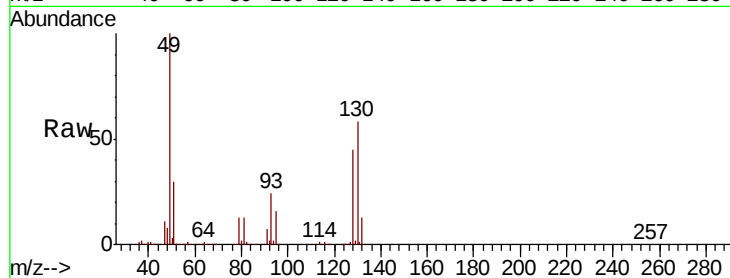
Tot Ion: 49 Resp: 864315

Ion Ratio Lower Upper

49 100

128 46.1 21.6 64.6

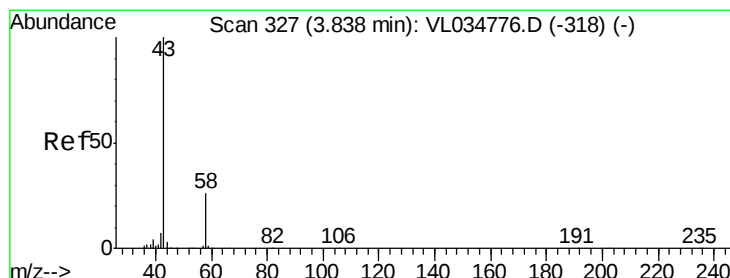
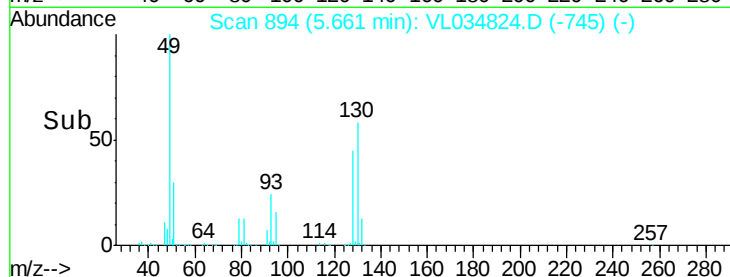
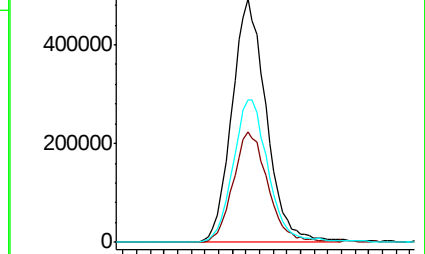
130 59.9 27.4 82.2



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 3.041 ppbv

RT: 3.83 min Scan# 325

Delta R.T. -0.01 min

Lab File: VL034824.D

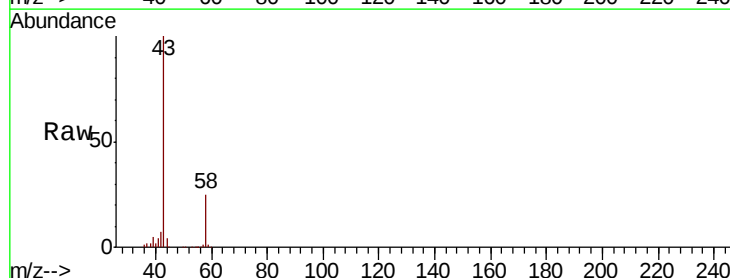
Acq: 6 Mar 2020 21:12

Tgt Ion: 43 Resp: 314700

Ion Ratio Lower Upper

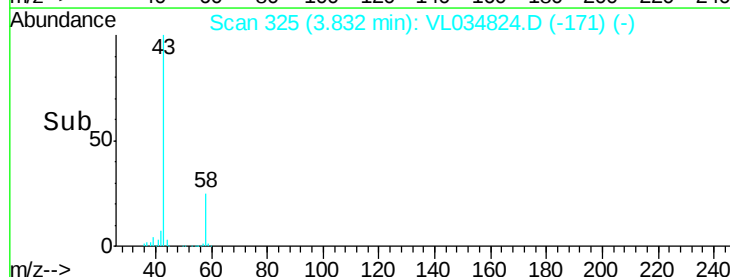
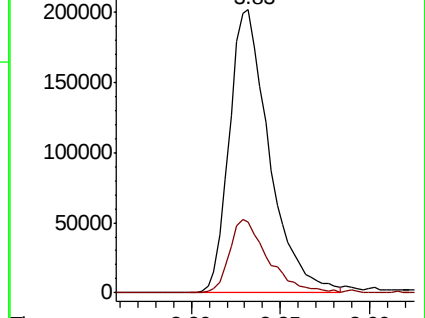
43 100

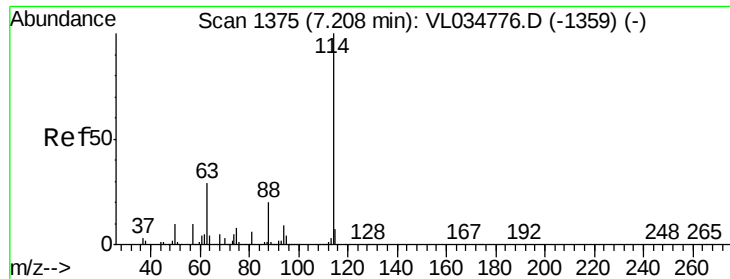
58 25.8 21.0 31.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

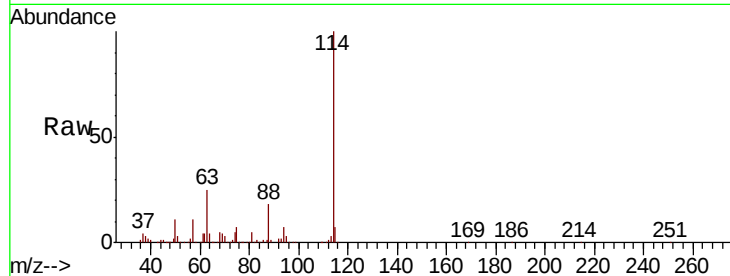




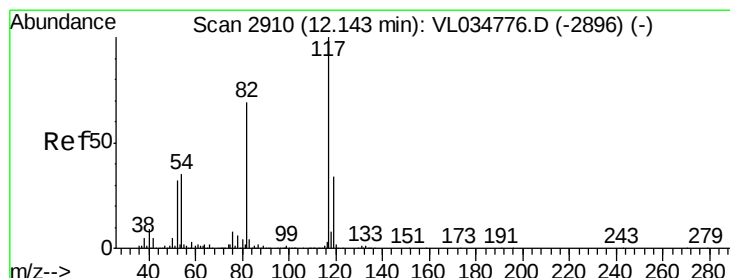
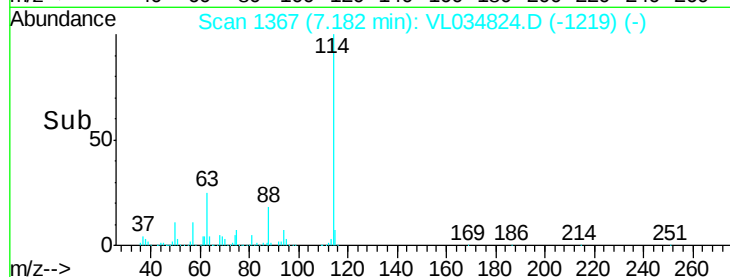
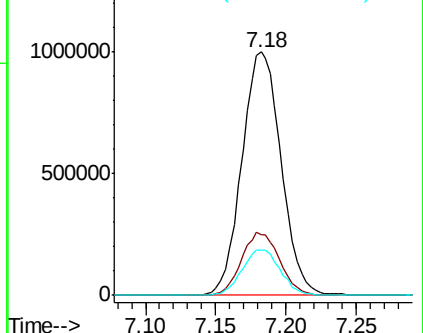
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.03 min
 Lab File: VL034824.D
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Tot Ion:114 Resp: 1946831
 Ion Ratio Lower Upper
 114 100
 63 25.5 23.6 35.4
 88 18.4 15.8 23.8

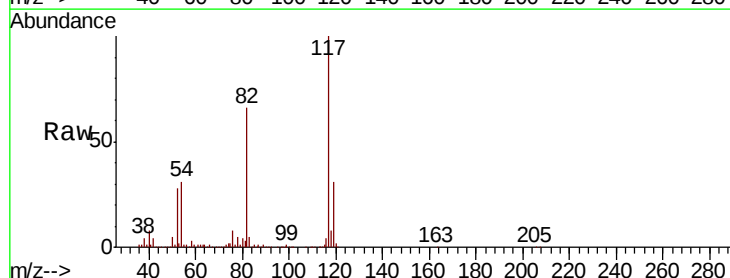


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

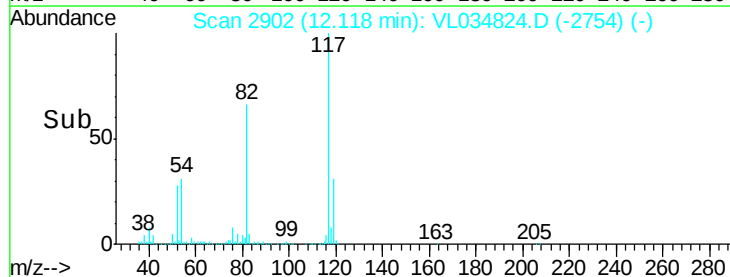
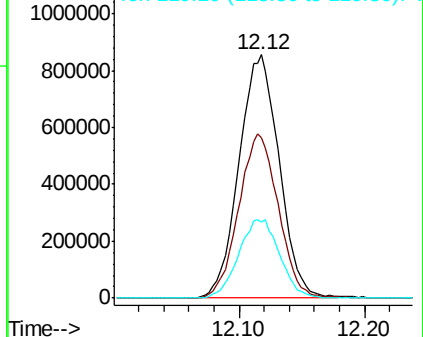


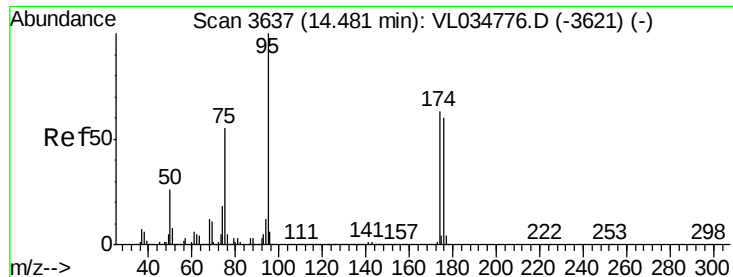
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2902
 Delta R.T. -0.03 min
 Lab File: VL034824.D
 Acq: 6 Mar 2020 21:12

Tgt Ion:117 Resp: 1901483
 Ion Ratio Lower Upper
 117 100
 82 66.9 53.9 80.9
 119 33.2 25.0 37.4



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: 9.481 ppbv

RT: 14.45 min Scan# 3628

Delta R.T. -0.03 min

Lab File: VL034824.D

Acq: 6 Mar 2020 21:12

Instrument :

MSVOA_L

ClientSampleId :

SS-6-4DL2

Tot Ion: 95 Resp: 1503310

Ion Ratio Lower Upper

95 100

174 69.5 50.6 76.0

175 5.4 3.8 5.6

