

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020420\
 Data File : VL034595.D
 Acq On : 5 Feb 2020 1:07
 Operator : SY/AP
 Sample : L1359-01DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1DL2

Quant Time: Feb 05 07:50:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.67	49	949681	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1947612	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	1990726	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1713438	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

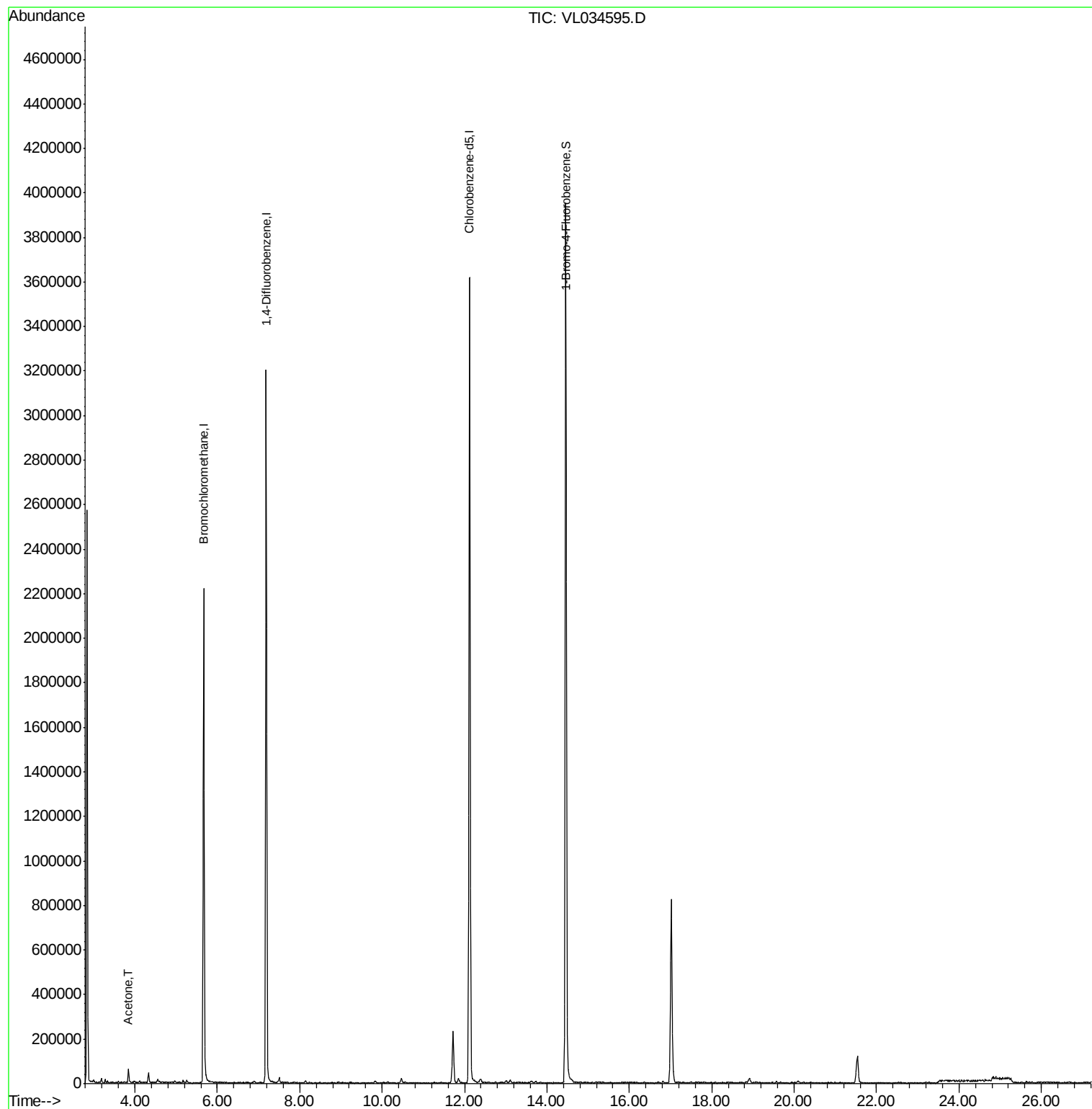
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	56896	0.408	ppbv	# 89

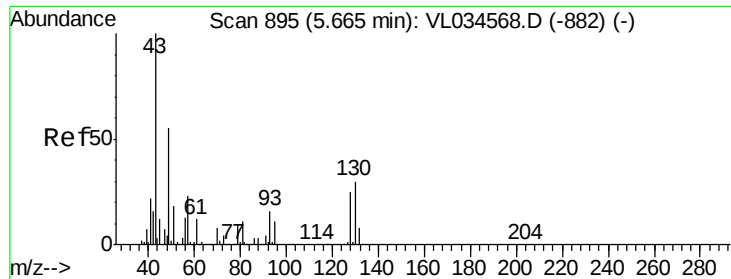
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL034595.D

Acq: 5 Feb 2020 1:07

Instrument :

MSVOA_L

ClientSampleId :

SG-1DL2

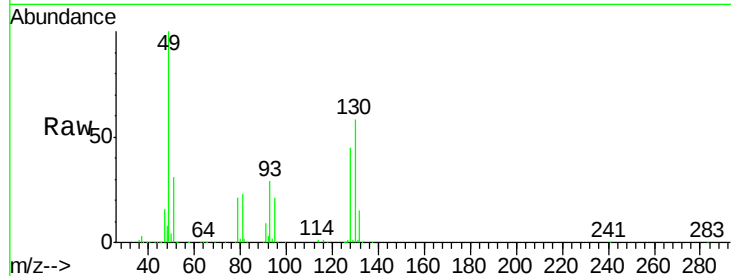
Tot Ion: 49 Resp: 949681

Ion Ratio Lower Upper

49 100

128 45.0 22.7 68.1

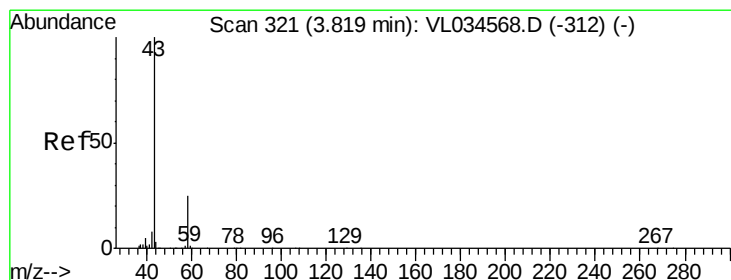
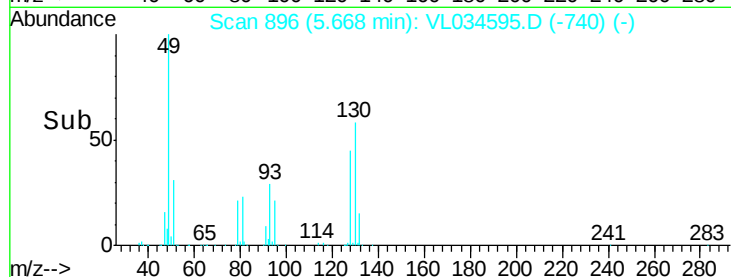
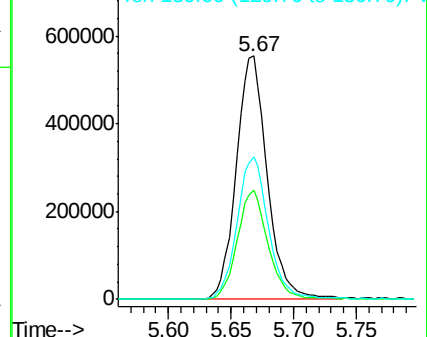
130 59.8 28.6 85.8



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: 0.408 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.02 min

Lab File: VL034595.D

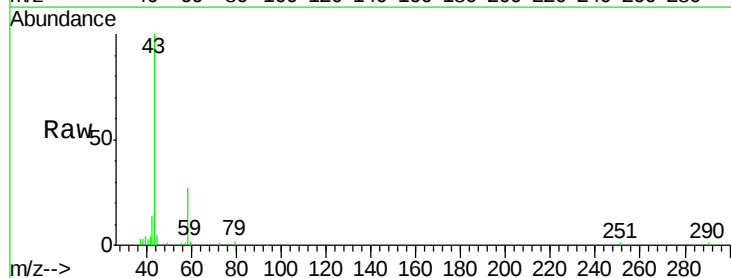
Acq: 5 Feb 2020 1:07

Tgt Ion: 43 Resp: 56896

Ion Ratio Lower Upper

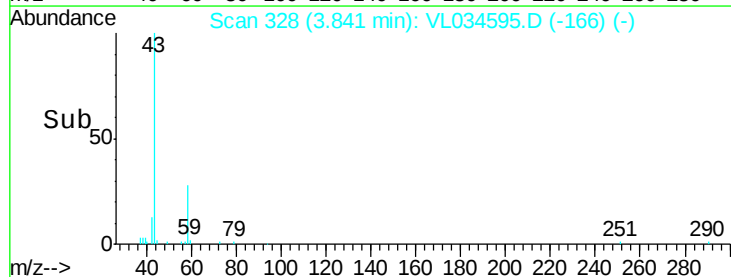
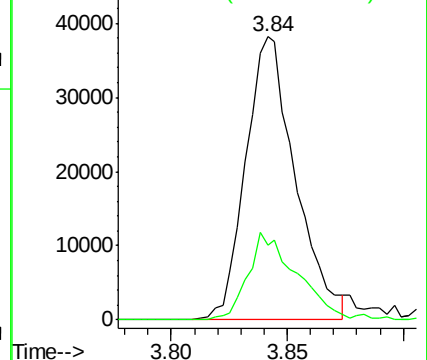
43 100

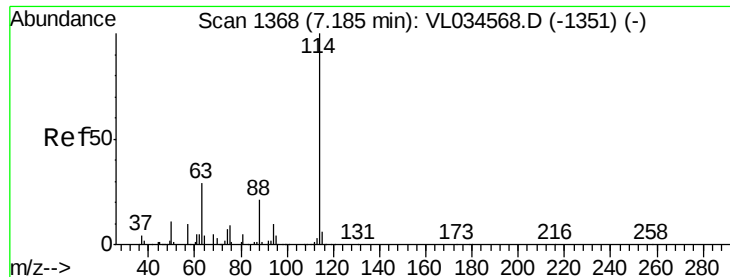
58 30.8 20.3 30.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

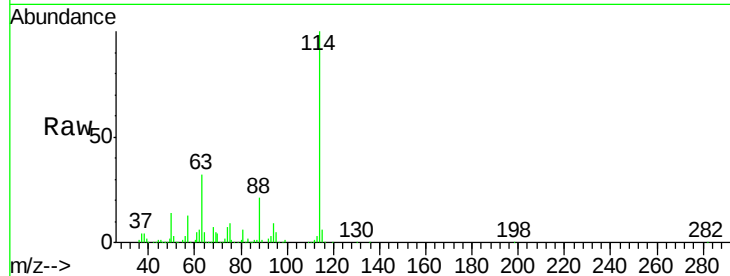




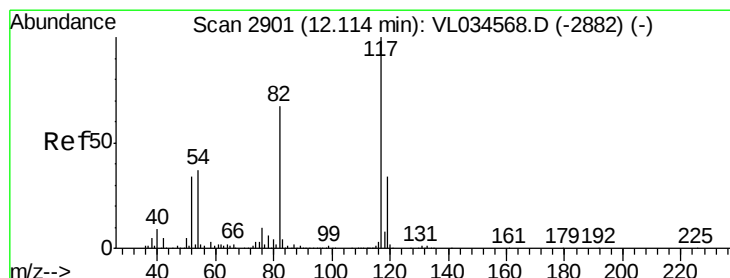
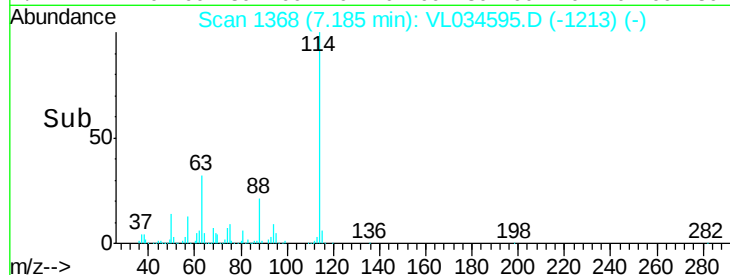
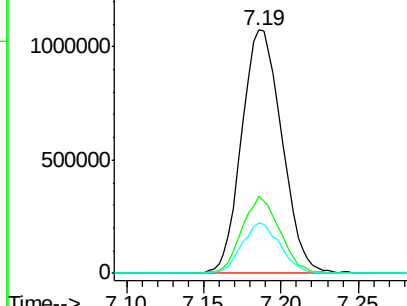
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VL034595.D
 Acq: 5 Feb 2020 1:07

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1DL2

Tot Ion:114 Resp: 1947612
 Ion Ratio Lower Upper
 114 100
 63 29.9 24.1 36.1
 88 19.7 15.9 23.9

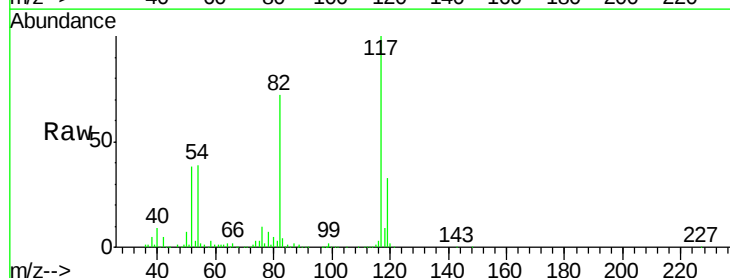


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

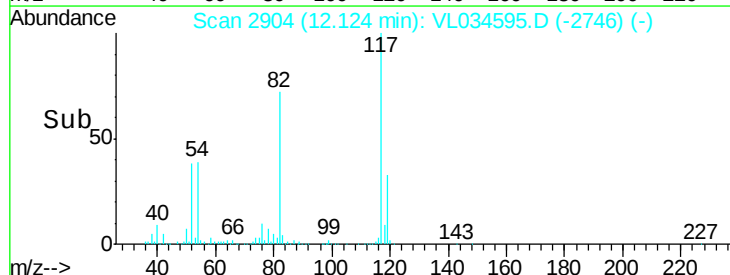
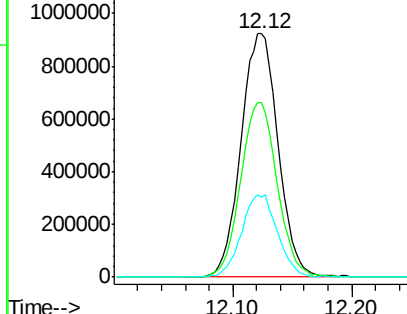


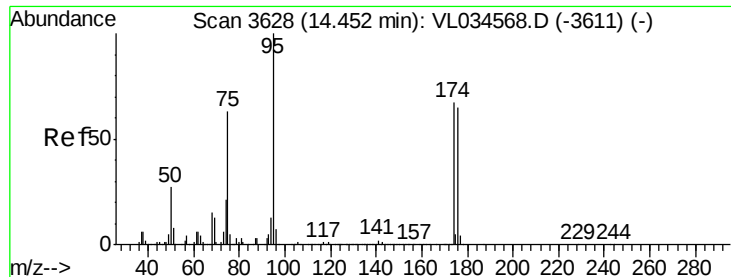
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2904
 Delta R.T. 0.01 min
 Lab File: VL034595.D
 Acq: 5 Feb 2020 1:07

Tgt Ion:117 Resp: 1990726
 Ion Ratio Lower Upper
 117 100
 82 71.0 54.2 81.4
 119 33.0 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: 10.184 ppbv
 RT: 14.46 min Scan# 3630
 Delta R.T. 0.01 min
 Lab File: VL034595.D
 Acq: 5 Feb 2020 1:07

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1DL2

Tot Ion: 95 Resp: 1713438
 Ion Ratio Lower Upper
 95 100
 174 63.4 52.3 78.5
 175 4.4 3.8 5.6

