

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111020\
 Data File : VL035895.D
 Acq On : 10 Nov 2020 19:08
 Operator : SY/AP
 Sample : L4618-02DL2 100X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL2

Quant Time: Nov 11 16:41:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1119496	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	4085817	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3870226	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2816300	10.24	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

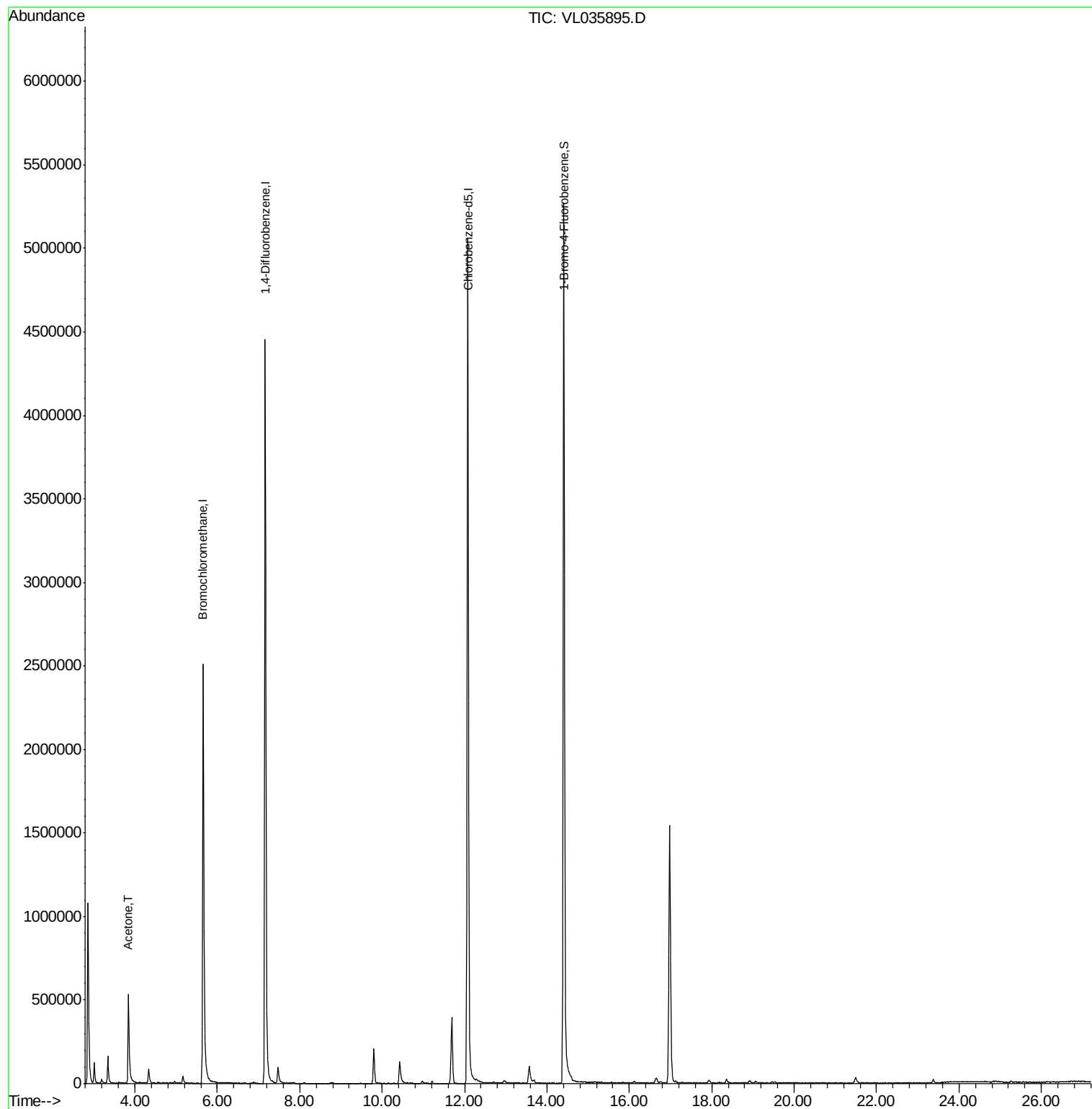
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	729653	6.096	ppbv	99

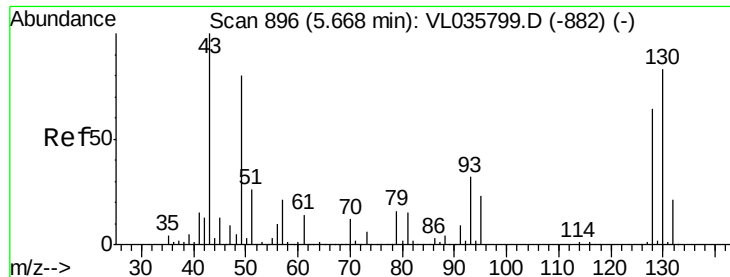
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
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Response via : Initial Calibration

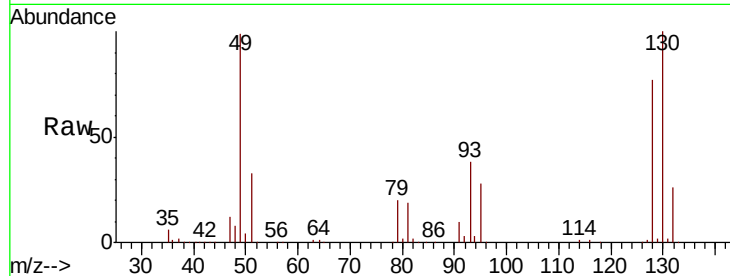




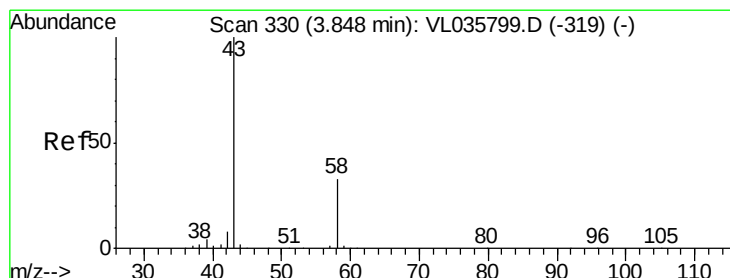
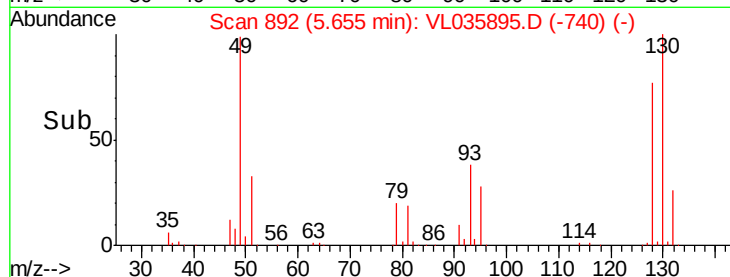
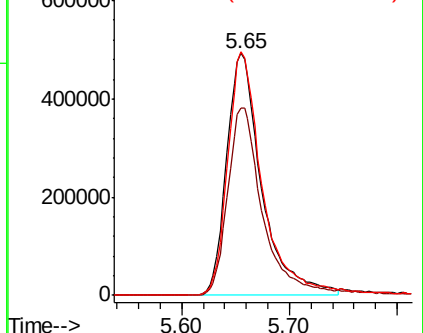
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL035895.D
Acq: 10 Nov 2020 19:08

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL2

Tot Ion: 49 Resp: 1119496
Ion Ratio Lower Upper
49 100
128 79.6 41.5 124.6
130 101.6 53.7 161.1

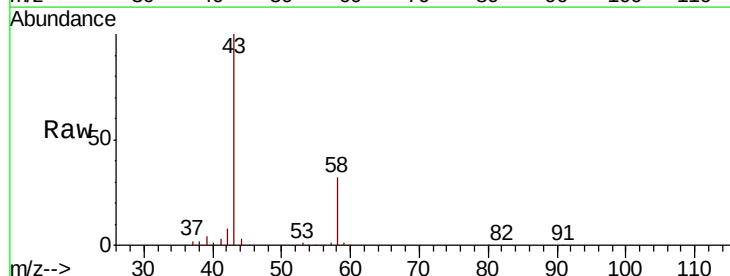


Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V

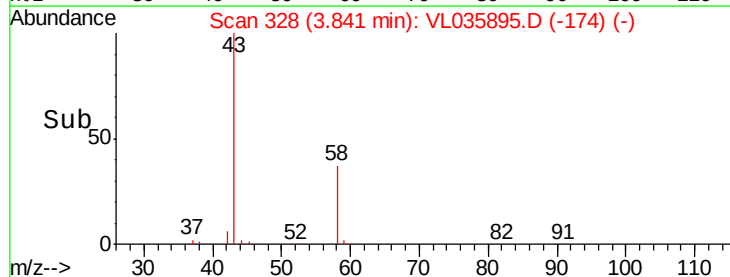
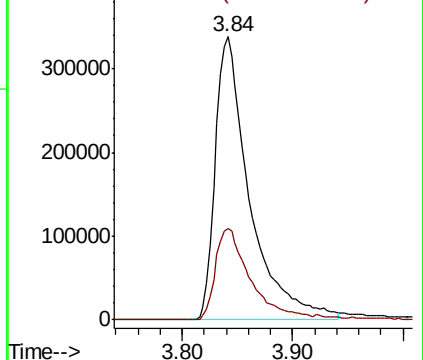


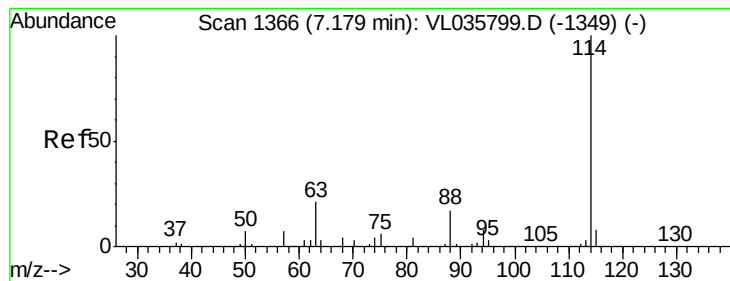
#15
Acetone
Concen: 6.096 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL035895.D
Acq: 10 Nov 2020 19:08

Tgt Ion: 43 Resp: 729653
Ion Ratio Lower Upper
43 100
58 34.7 27.5 41.3



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: 7.16 min Scan# 1361

Delta R.T. -0.02 min

Lab File: VL035895.D

Acq: 10 Nov 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

IA-1DL2

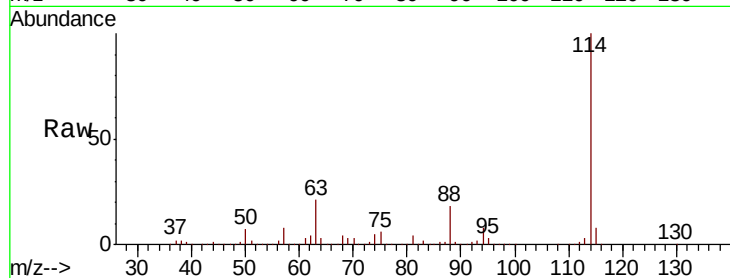
Tot Ion:114 Resp: 4085817

Ion Ratio Lower Upper

114 100

63 20.5 16.1 24.1

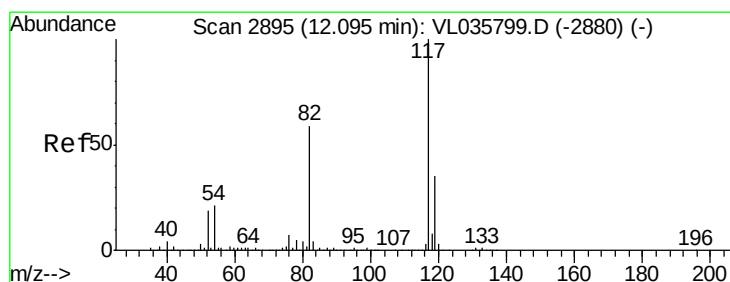
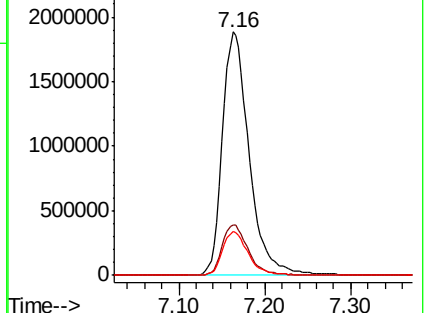
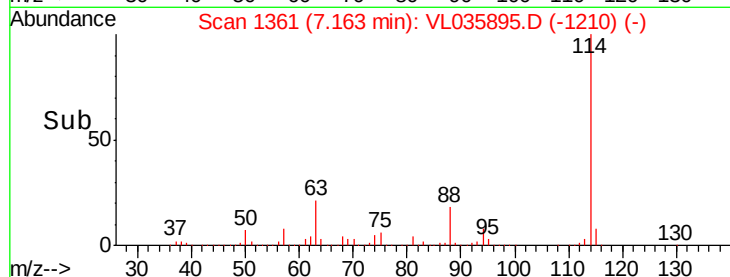
88 17.5 13.7 20.5



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: 12.08 min Scan# 2890

Delta R.T. -0.02 min

Lab File: VL035895.D

Acq: 10 Nov 2020 19:08

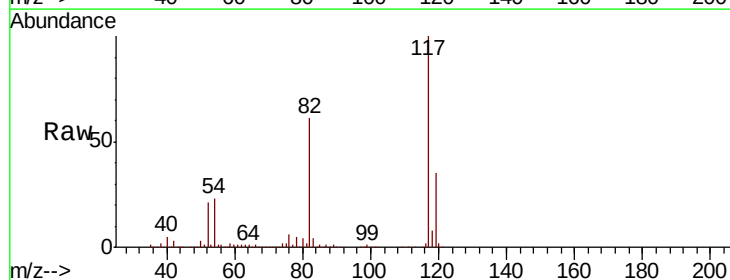
Tgt Ion:117 Resp: 3870226

Ion Ratio Lower Upper

117 100

82 60.7 50.6 76.0

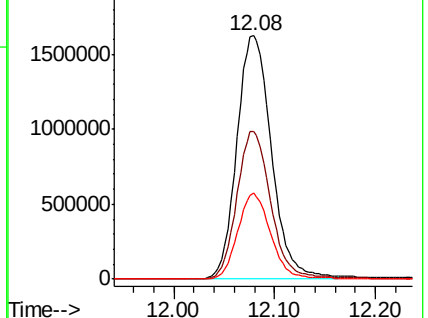
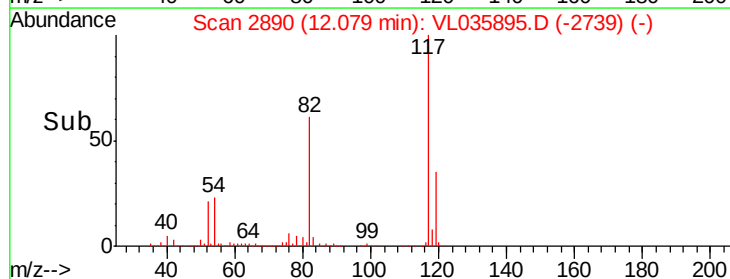
119 34.2 52.6 78.8#

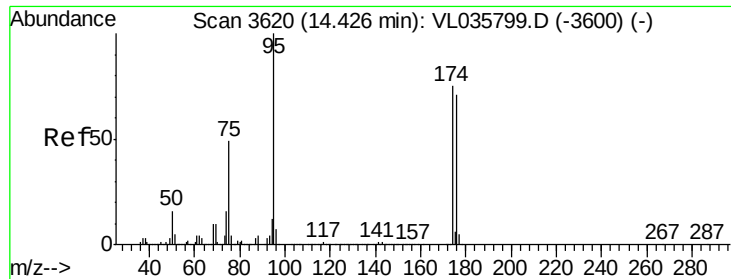


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.242 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.02 min

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Acq: 10 Nov 2020 19:08

Instrument :

MSVOA_L

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Tot Ion: 95 Resp: 2816300

Ion Ratio Lower Upper

95 100

174 75.6 59.8 89.6

175 5.3 4.3 6.5

