

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
 Data File : VL036186.D
 Acq On : 17 Dec 2020 3:45
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
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 12/17/2020 3:56:59 PM

Quant Time: Dec 17 07:51:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1468564	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2798031	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2554604	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2168343	10.69	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.90%

Target Compounds					Qvalue
15) Acetone	3.88	43	27325m	0.155	ppbv

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

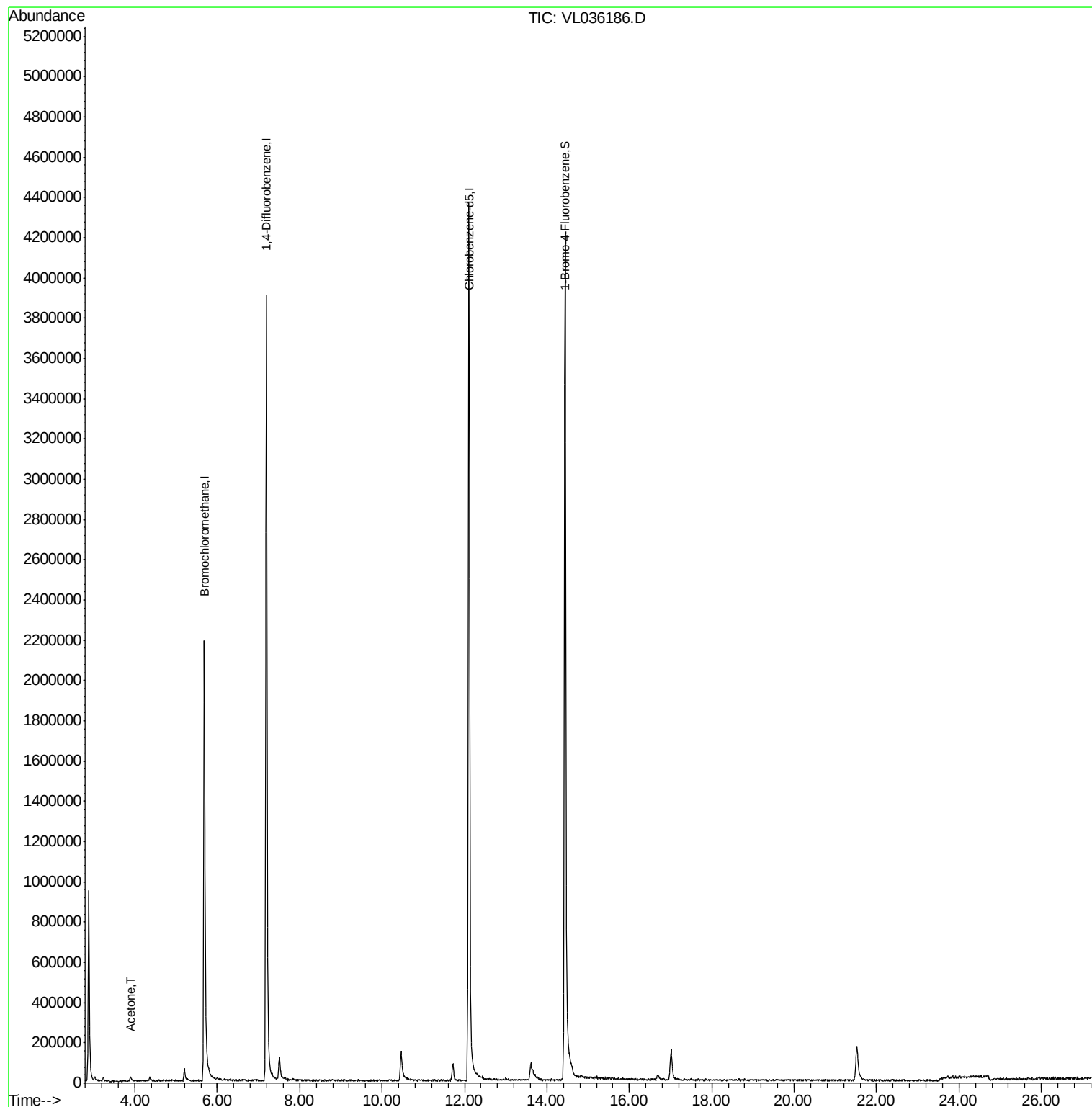
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Data File : VL036186.D
Acq On : 17 Dec 2020 3:45
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

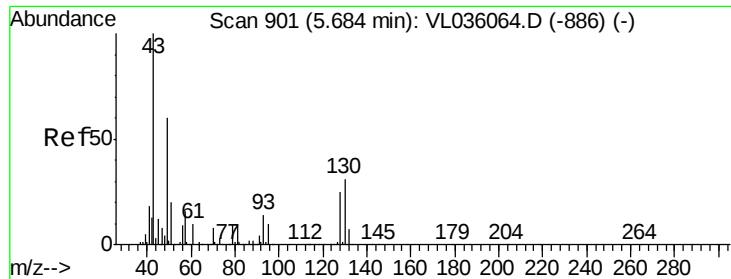
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Dec 17 07:51:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.00 min

Lab File: VL036186.D

Acq: 17 Dec 2020 3:45

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tgt Ion: 49 Resp: 1468564

Ion Ratio Lower Upper

49 100

128 35.9 21.1 63.1

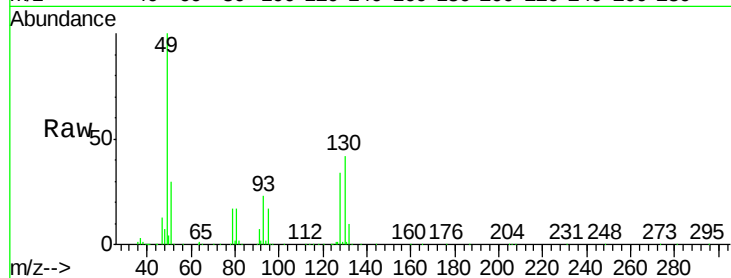
130 45.6 27.1 81.3

Manual Integrations

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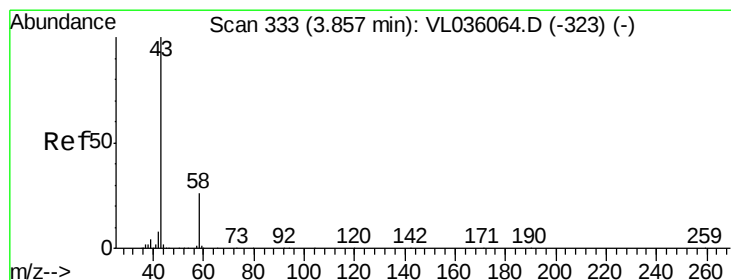
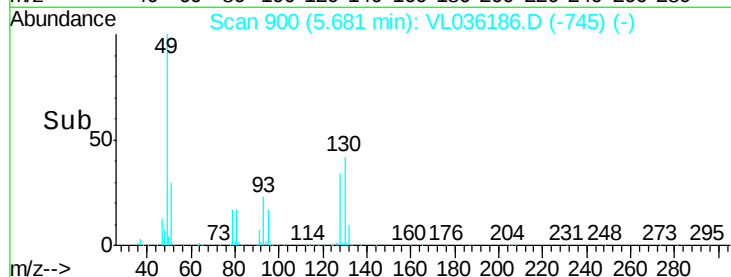
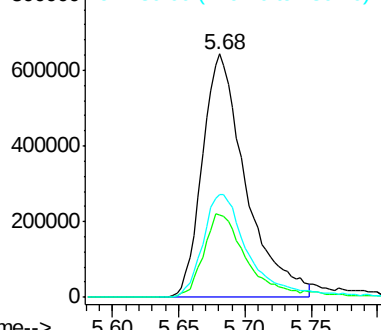
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.155 ppbv m

RT: 3.88 min Scan# 341

Delta R.T. 0.03 min

Lab File: VL036186.D

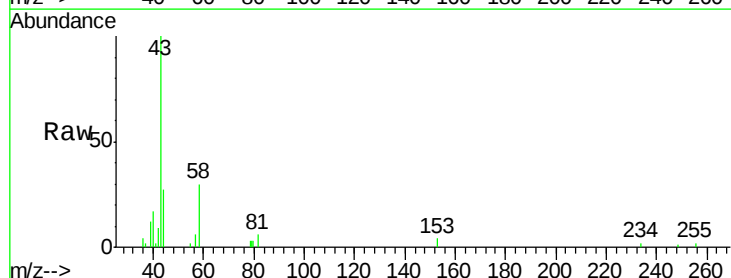
Acq: 17 Dec 2020 3:45

Tgt Ion: 43 Resp: 27325

Ion Ratio Lower Upper

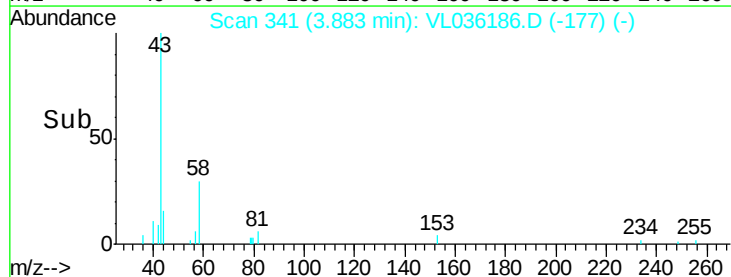
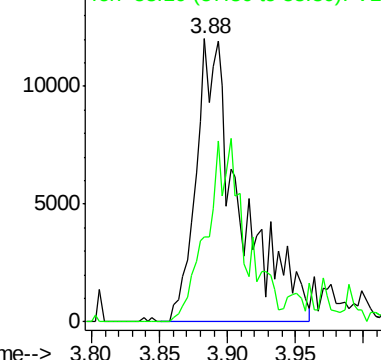
43 100

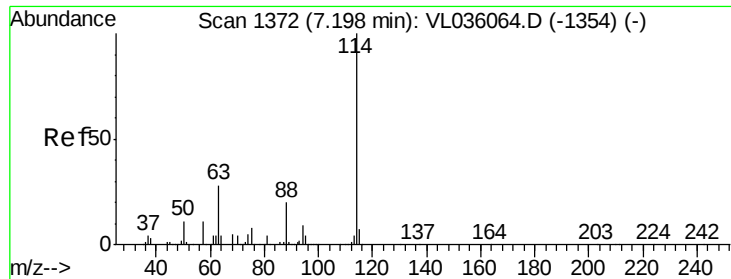
58 0.0 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





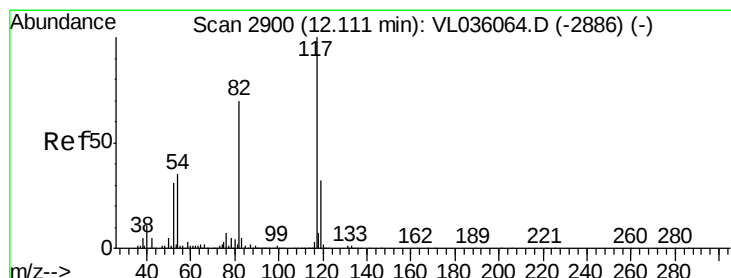
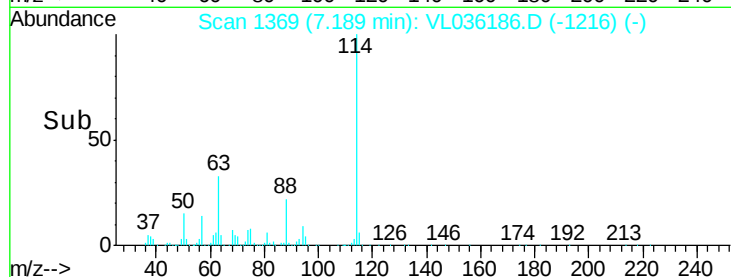
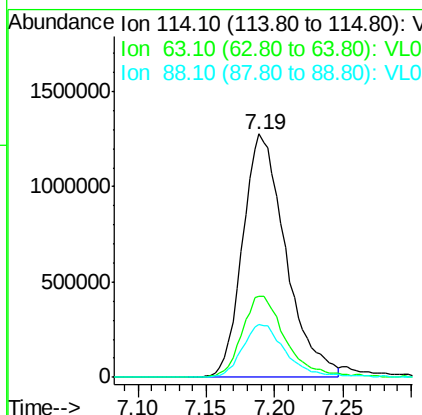
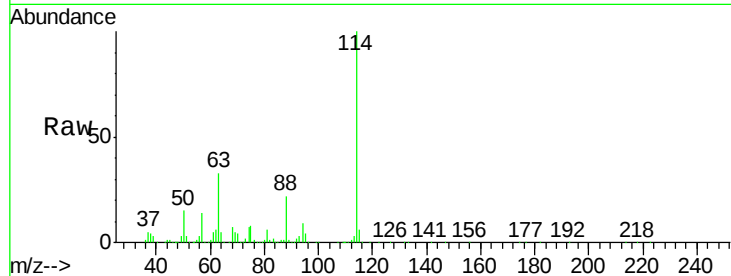
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: VL036186.D
 Acq: 17 Dec 2020 3:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion:114 Resp: 2798031
 Ion Ratio Lower Upper
 114 100
 63 34.4 23.6 35.4
 88 22.4 15.8 23.6

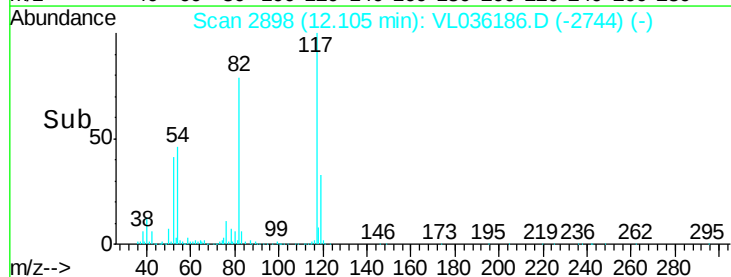
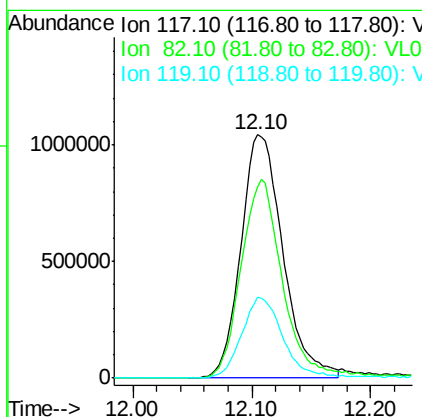
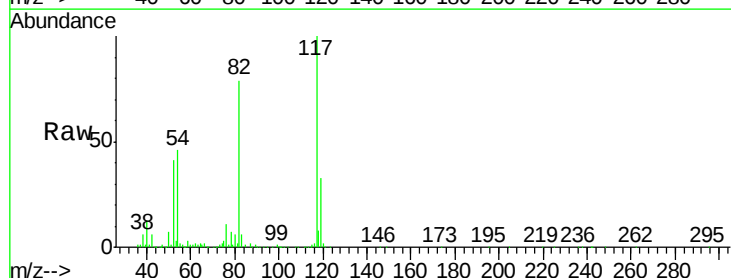
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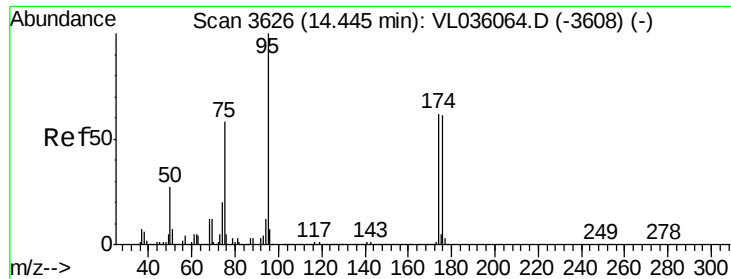
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: VL036186.D
 Acq: 17 Dec 2020 3:45

Tgt Ion:117 Resp: 2554604
 Ion Ratio Lower Upper
 117 100
 82 82.0 0.0 0.0#
 119 33.4 0.0 0.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.690 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. -0.01 min
 Lab File: VL036186.D
 Acq: 17 Dec 2020 3:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 2168343
 Ion Ratio Lower Upper
 95 100
 174 56.9 50.7 76.1
 175 4.1 4.0 6.0

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