

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
 Data File : VL036164.D
 Acq On : 16 Dec 2020 12:35
 Operator : SY/AP
 Sample : VL1216ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1216ABL01

Manual Integrations
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 12/17/2020 3:55:47 PM

Quant Time: Dec 17 06:12:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 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	5.64	49	1378781	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2798244	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2545519	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2240896	11.09	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.90%

Target Compounds					Qvalue
15) Acetone	3.85	43	32973m	0.199	ppbv

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

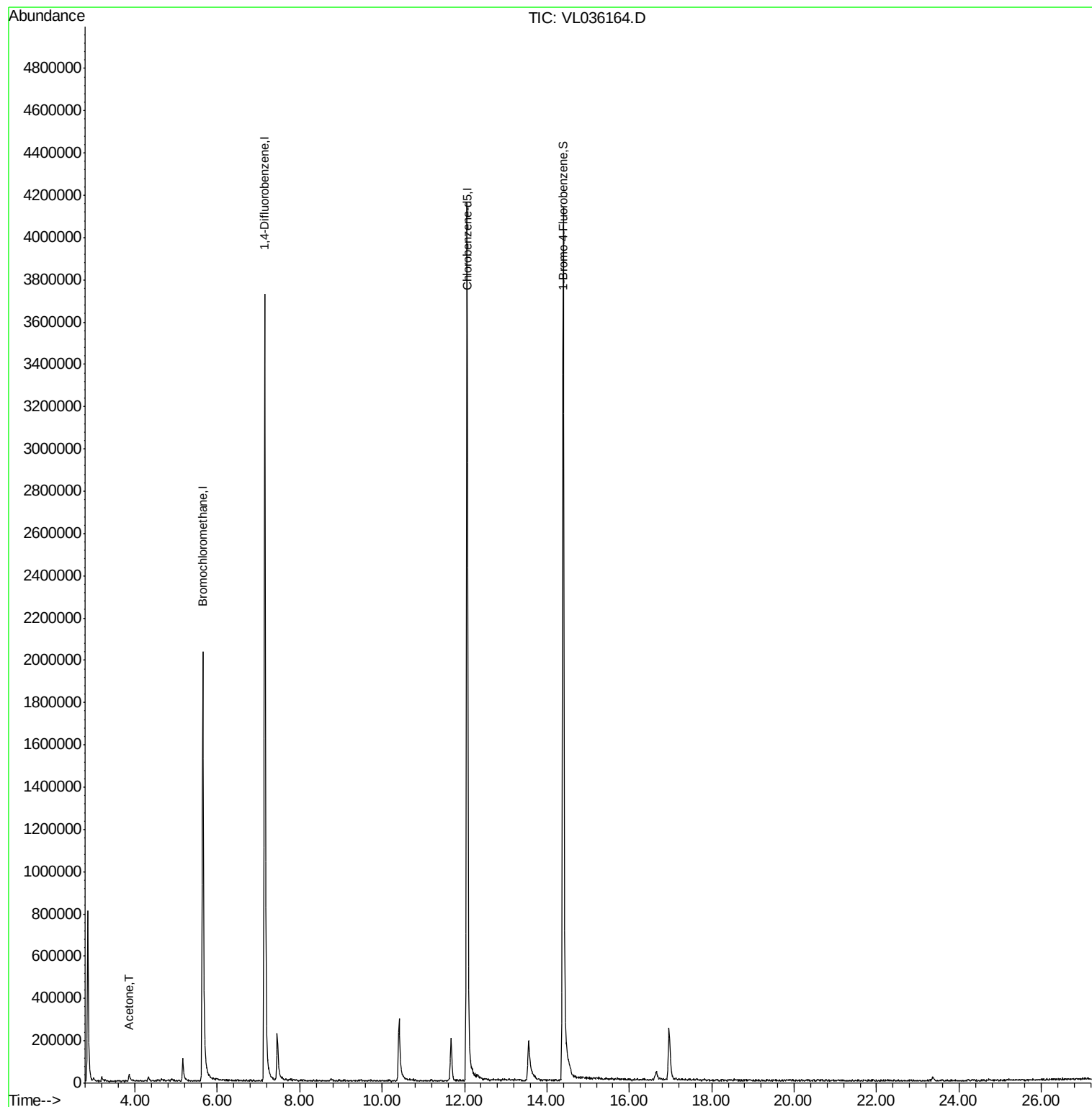
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
Data File : VL036164.D
Acq On : 16 Dec 2020 12:35
Operator : SY/AP
Sample : VL1216ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

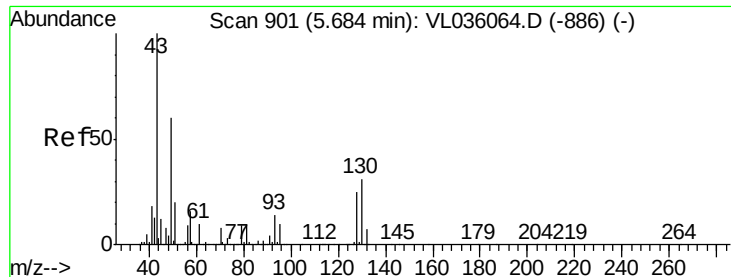
Instrument :
MSVOA_L
ClientSampleId :
VL1216ABL01

Manual Integrations
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Quant Time: Dec 17 06:12:20 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: 5.64 min Scan# 888

Delta R.T. -0.04 min

Lab File: VL036164.D

Acq: 16 Dec 2020 12:35

Instrument :

MSVOA_L

ClientSampleId :

VL1216ABL01

Tgt Ion: 49 Resp: 1378781

Ion Ratio Lower Upper

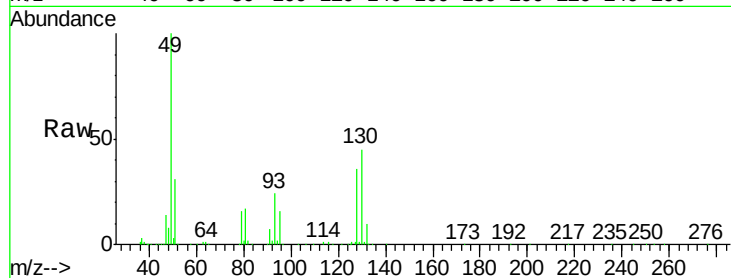
49 100

128 36.7 21.1 63.1

130 46.0 27.1 81.3

Manual Integrations
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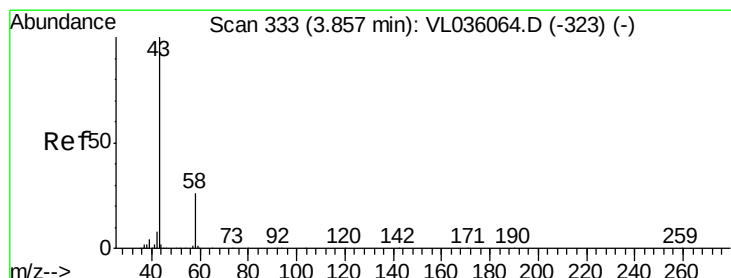
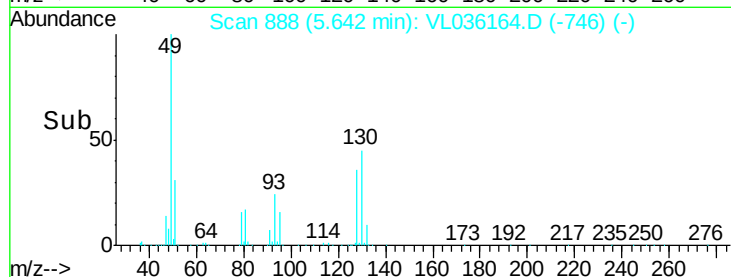
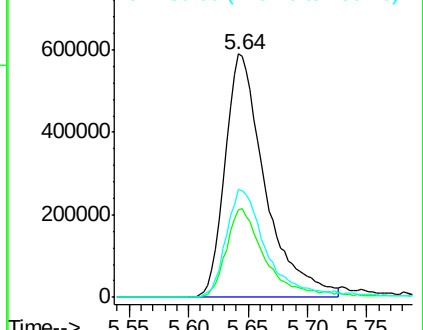
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.199 ppbv m

RT: 3.85 min Scan# 332

Delta R.T. -0.00 min

Lab File: VL036164.D

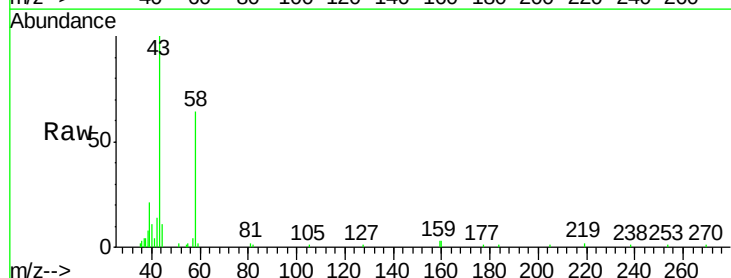
Acq: 16 Dec 2020 12:35

Tgt Ion: 43 Resp: 32973

Ion Ratio Lower Upper

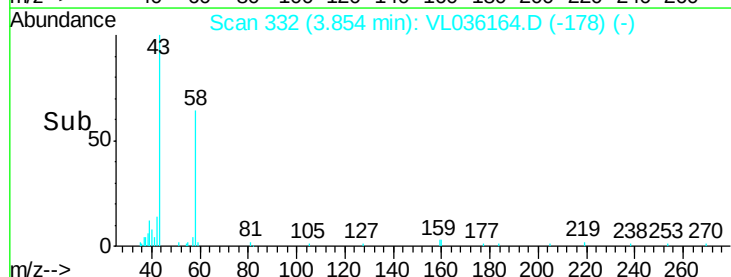
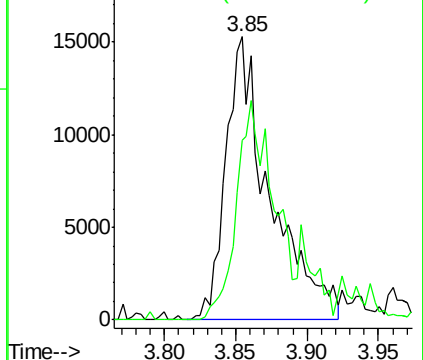
43 100

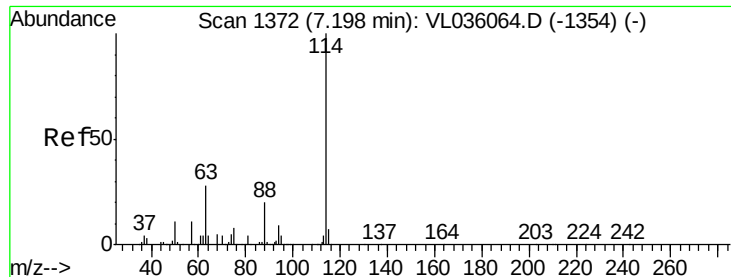
58 85.6 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





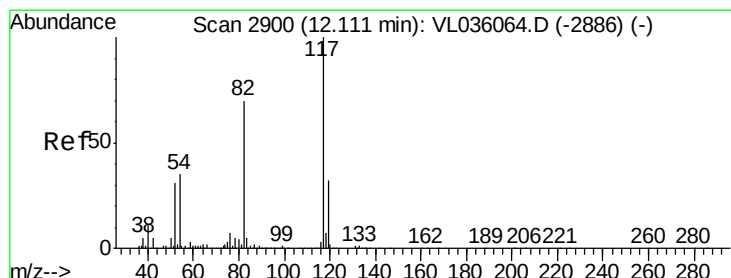
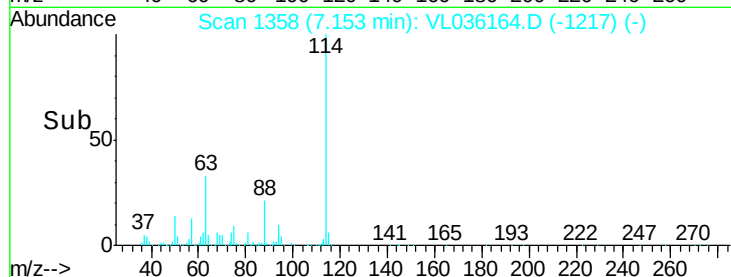
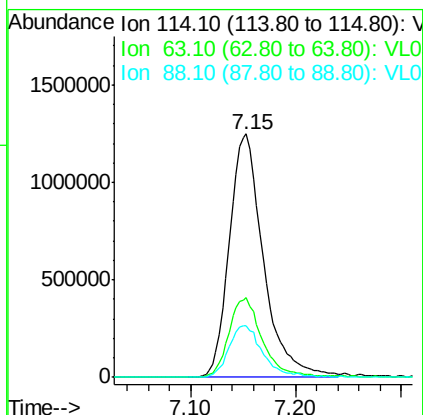
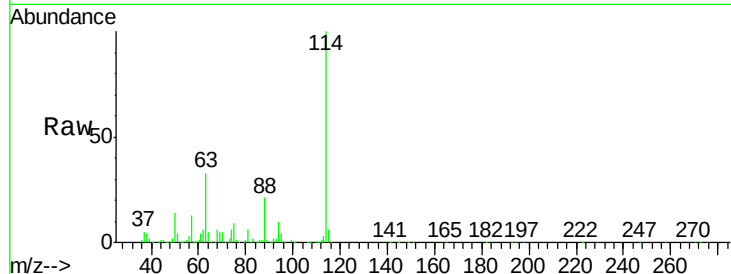
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.05 min
Lab File: VL036164.D
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Instrument :
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VL1216ABL01

Tgt Ion:114 Resp: 2798244
Ion Ratio Lower Upper
114 100
63 32.5 23.6 35.4
88 21.5 15.8 23.6

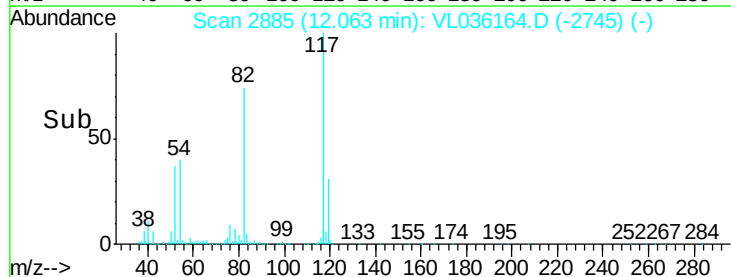
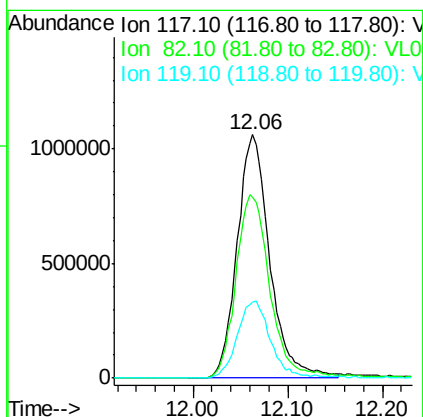
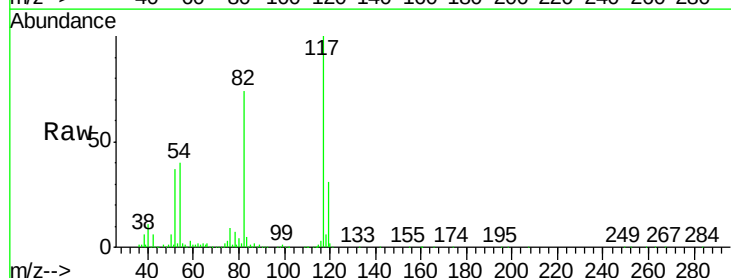
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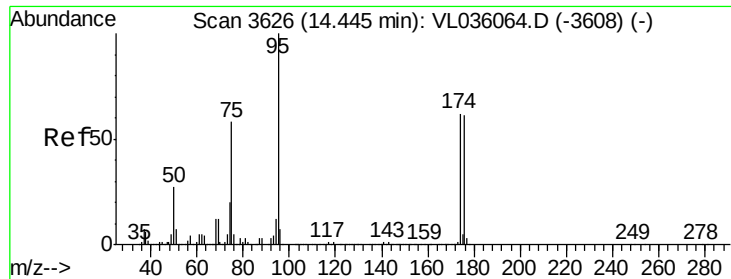
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.05 min
Lab File: VL036164.D
Acq: 16 Dec 2020 12:35

Tgt Ion:117 Resp: 2545519
Ion Ratio Lower Upper
117 100
82 79.7 0.0 0.0#
119 32.6 0.0 0.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.087 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. -0.05 min
 Lab File: VL036164.D
 Acq: 16 Dec 2020 12:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1216ABL01

Tgt Ion: 95 Resp: 2240896
 Ion Ratio Lower Upper
 95 100
 174 56.8 50.7 76.1
 175 4.0 4.0 6.0

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