

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070820\
Data File : VL035183.D
Acq On : 8 Jul 2020 13:54
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Jul 08 15:25:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1110797	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2659321	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2439055	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2047433	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

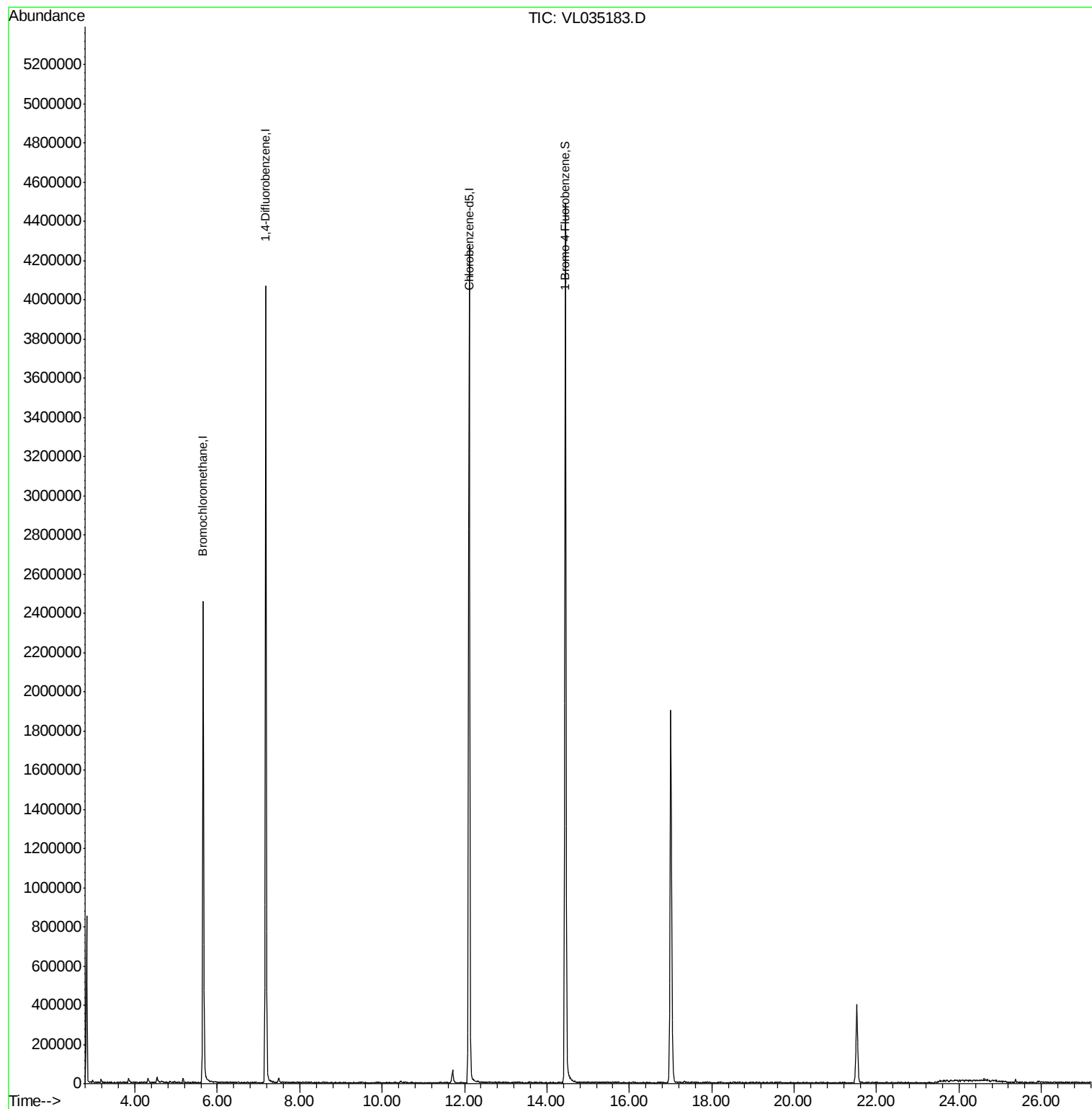
Target Compounds	Ovalue
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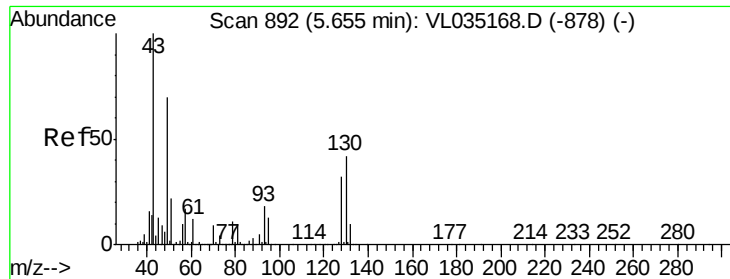
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

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MSVOA_L

ClientSampleId :

VIBLK

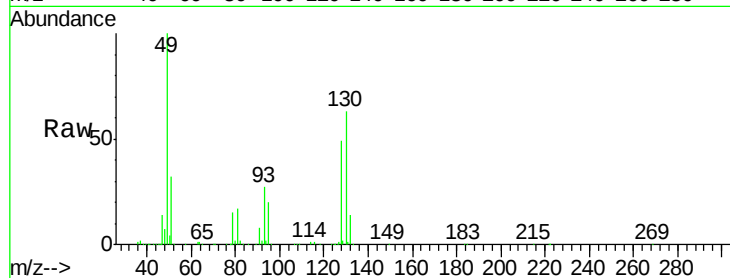
Tot Ion: 49 Resp: 1110797

Ion Ratio Lower Upper

49 100

128 49.2 23.8 71.4

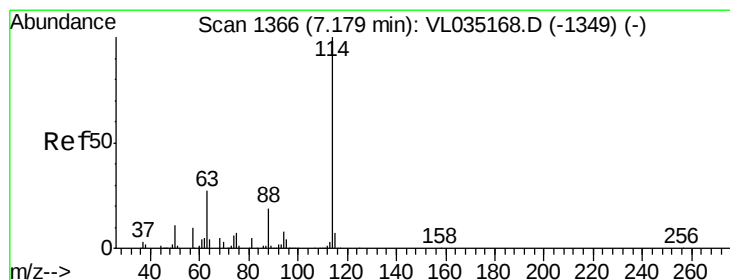
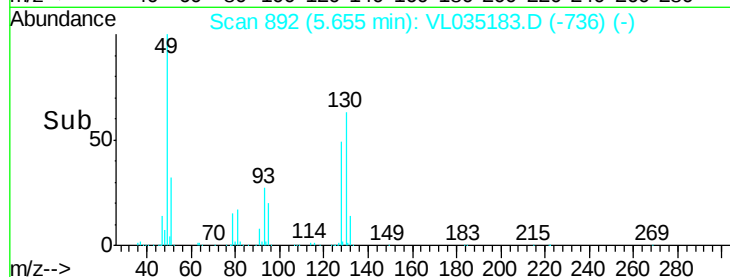
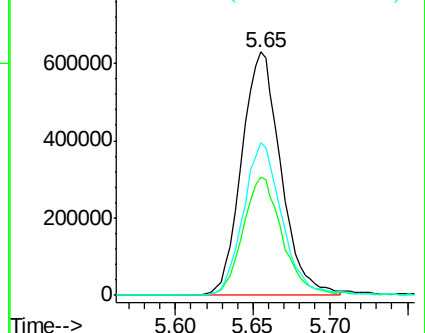
130 62.8 29.9 89.8



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VL035183.D

Acq: 8 Jul 2020 13:54

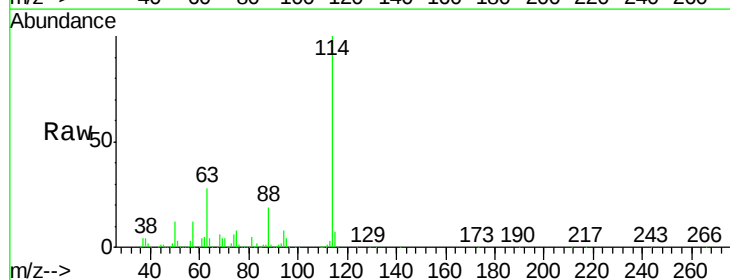
Tgt Ion:114 Resp: 2659321

Ion Ratio Lower Upper

114 100

63 28.0 22.0 33.0

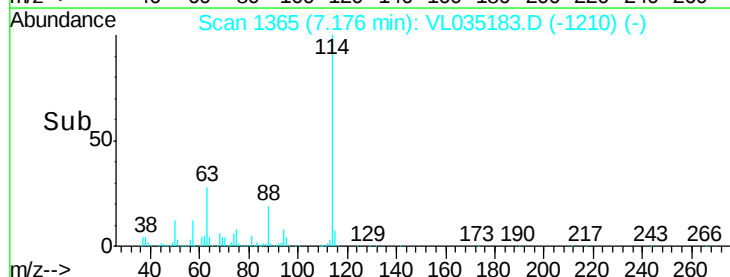
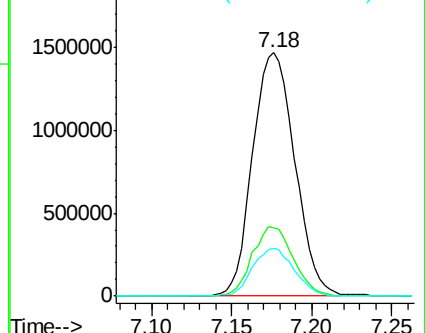
88 19.6 15.4 23.0

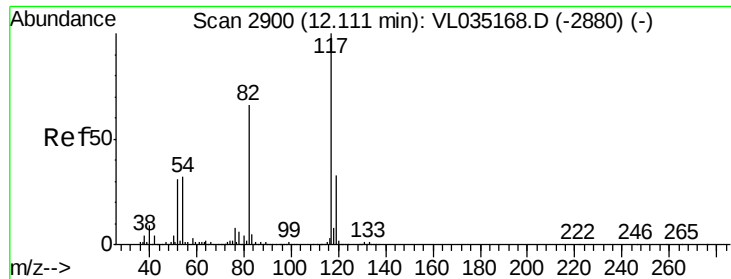


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

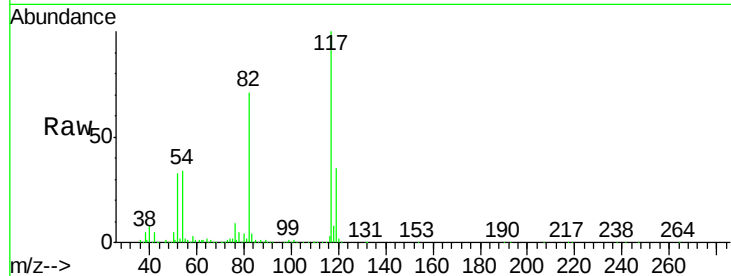




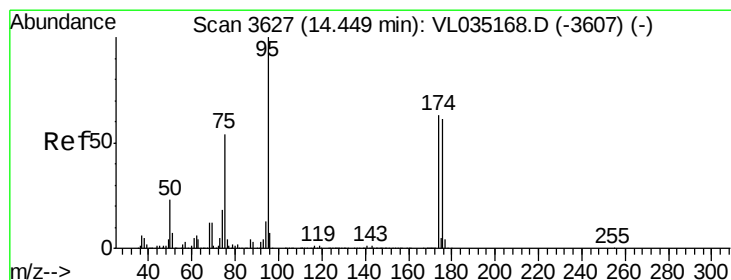
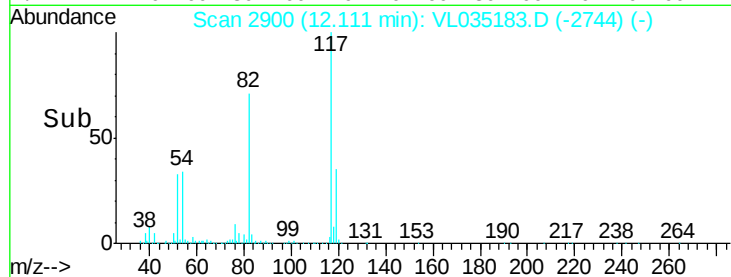
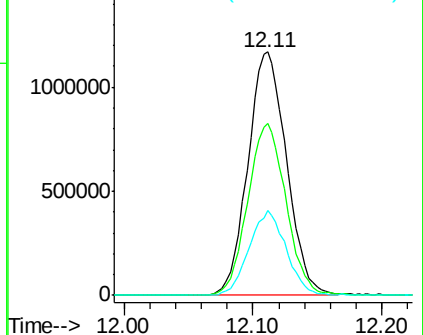
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035183.D
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Instrument :
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Tot Ion:117 Resp: 2439055
Ion Ratio Lower Upper
117 100
82 70.1 52.3 78.5
119 33.5 24.9 37.3

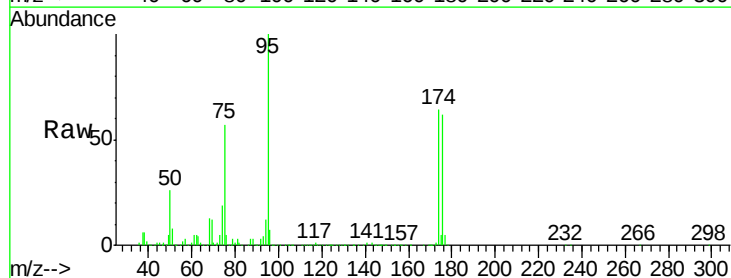


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.333 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL035183.D
Acq: 8 Jul 2020 13:54

Tgt Ion: 95 Resp: 2047433
Ion Ratio Lower Upper
95 100
174 64.5 52.2 78.2
175 4.8 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

