

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073019\
Data File : VL034056.D
Acq On : 30 Jul 2019 8:41
Operator : SY/AP
Sample : VL0730ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0730ABL01

Quant Time: Jul 31 02:14:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073019AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Jul 30 06:55:18 2019
QLast Update : Tue Jul 30 06:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1014894	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	4019837	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2843407	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.52	95	2355874	10.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

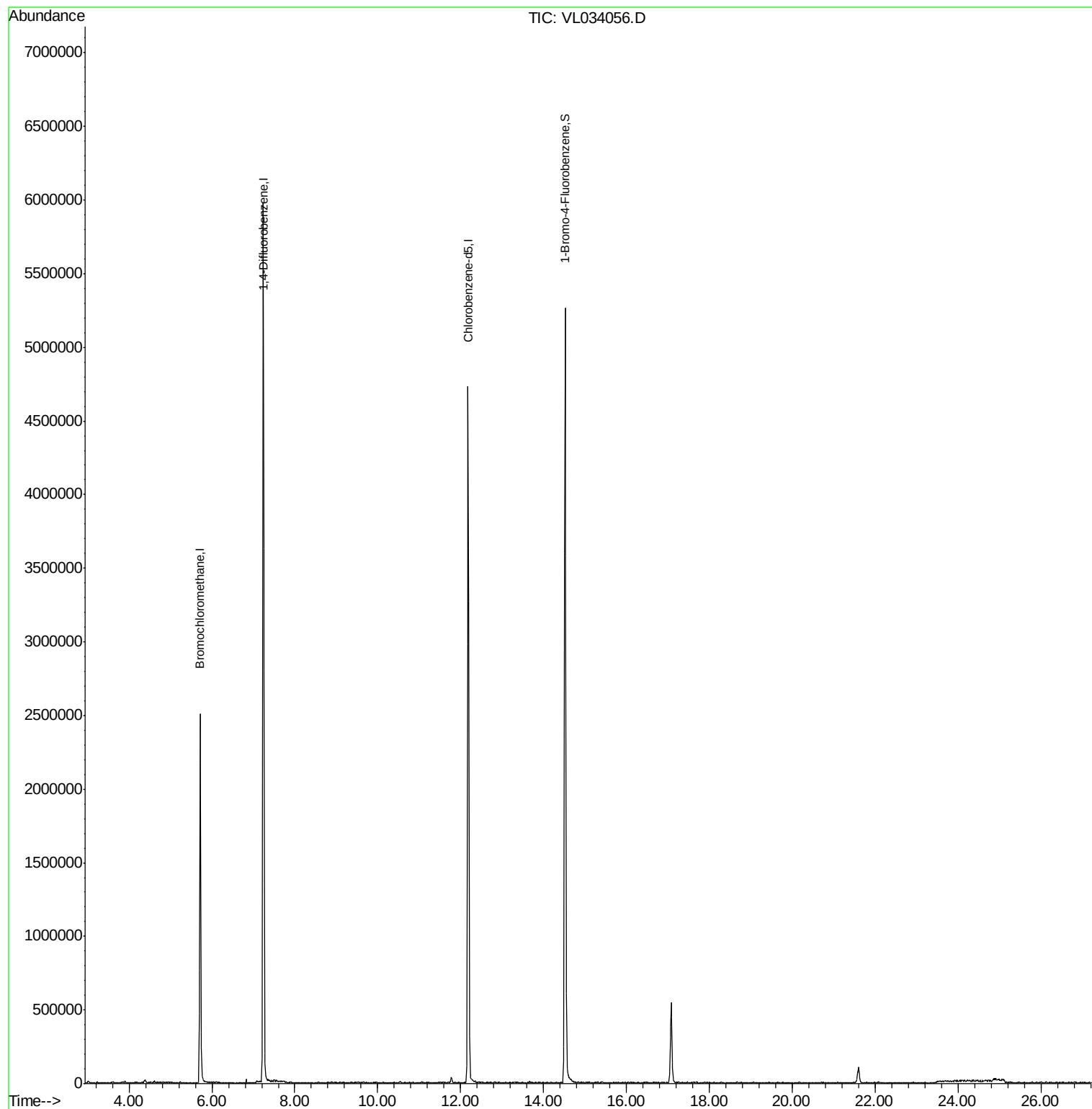
Target Compounds	Ovalue
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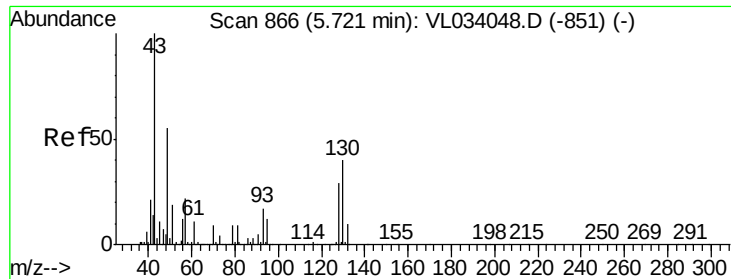
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 864

Delta R.T. -0.01 min

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MSVOA_L

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VL0730ABL01

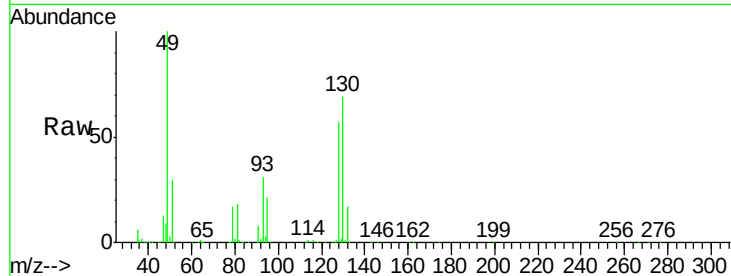
Tot Ion: 49 Resp: 1014894

Ion Ratio Lower Upper

49 100

128 58.7 27.0 81.0

130 72.0 35.0 105.0



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

5.71

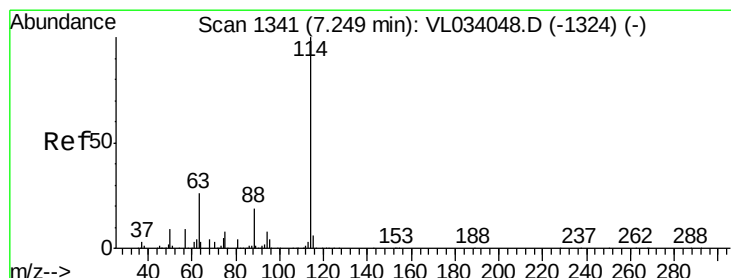
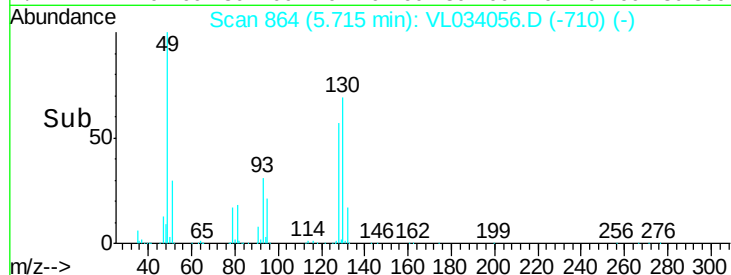
600000

400000

200000

0

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.24 min Scan# 1338

Delta R.T. -0.01 min

Lab File: VL034056.D

Acq: 30 Jul 2019 8:41

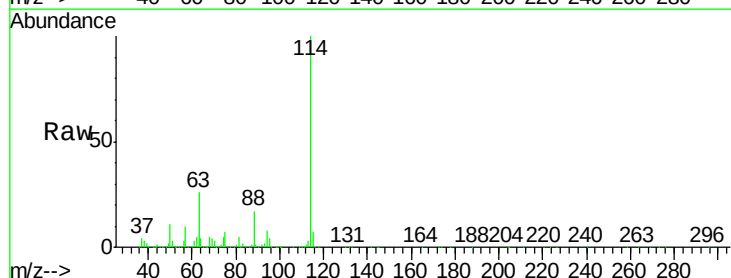
Tgt Ion: 114 Resp: 4019837

Ion Ratio Lower Upper

114 100

63 25.9 21.0 31.6

88 18.6 14.7 22.1



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

7.24

3000000

2500000

2000000

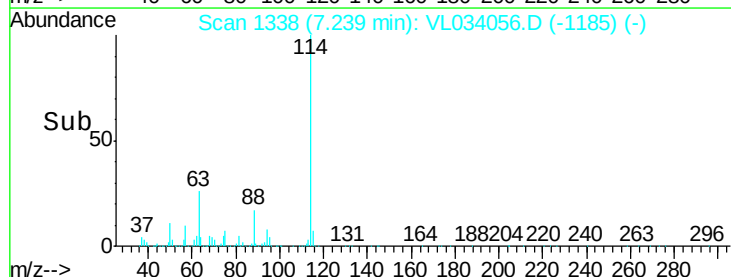
1500000

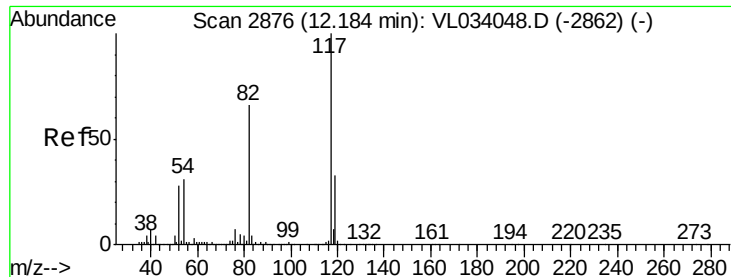
1000000

500000

0

Time-->

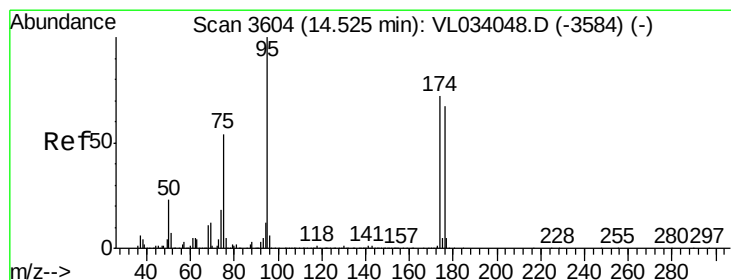
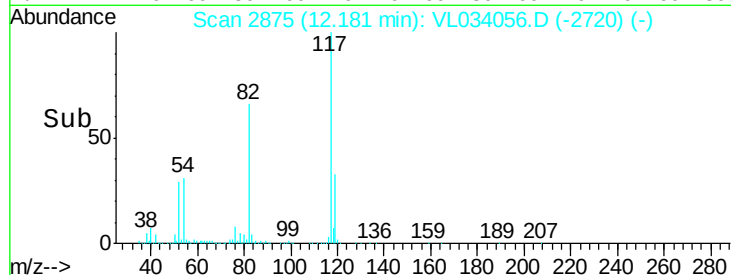
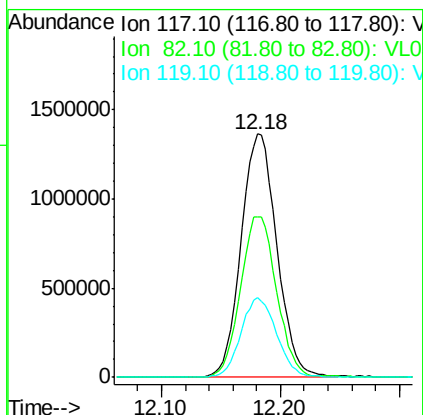
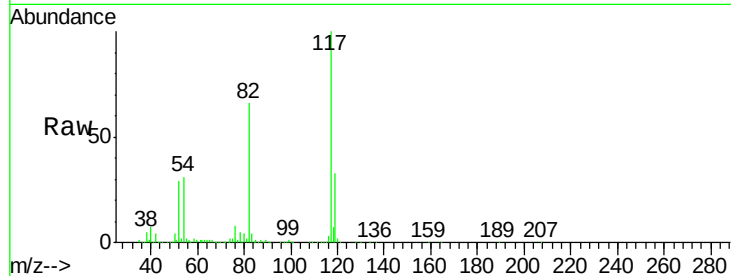




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.18 min Scan# 2875
Delta R.T. -0.00 min
Lab File: VL034056.D
Acq: 30 Jul 2019 8:41

Instrument :
MSVOA_L
ClientSampleId :
VL0730ABL01

Tot Ion:117 Resp: 2843407
Ion Ratio Lower Upper
117 100
82 67.2 49.8 74.8
119 32.9 43.0 64.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.482 ppbv
RT: 14.52 min Scan# 3602
Delta R.T. -0.01 min
Lab File: VL034056.D
Acq: 30 Jul 2019 8:41

Tgt Ion: 95 Resp: 2355874
Ion Ratio Lower Upper
95 100
174 71.2 57.6 86.4
175 5.0 4.1 6.1

