

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030620\
Data File : VL034823.D
Acq On : 6 Mar 2020 20:34
Operator : SY/AP
Sample : QC030520 CAN 10268
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC030520 CAN 10268

Quant Time: Mar 07 09:00:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	836121	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	1892654	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.11	117	1858118	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1457086	9.40	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.00%

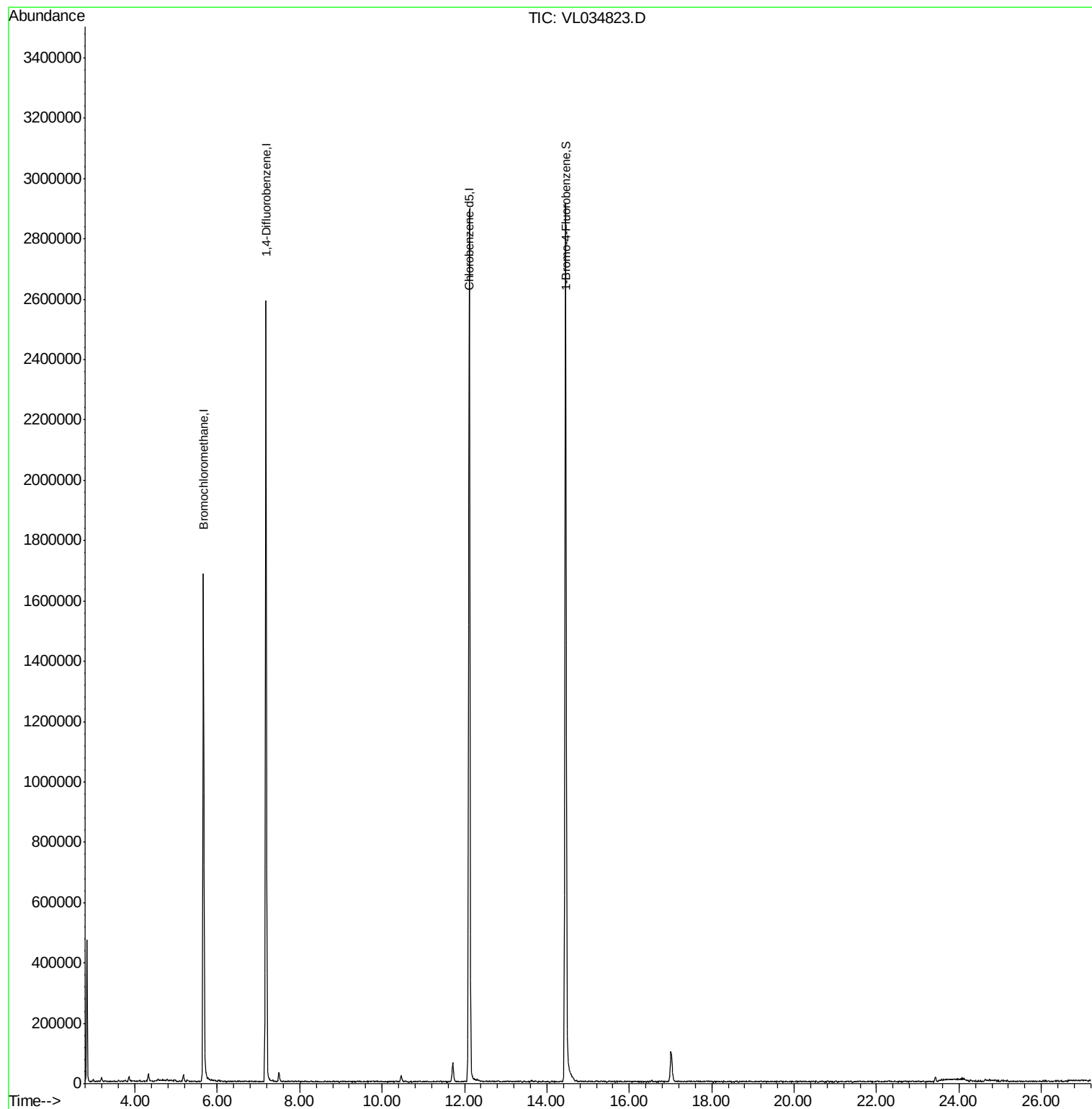
Target Compounds	Ovalue
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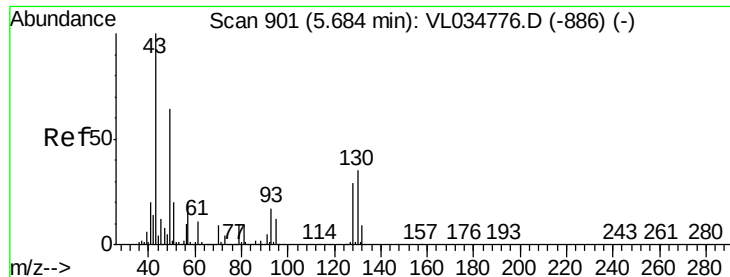
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.02 min

Lab File: VL034823.D

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Instrument :

MSVOA_L

ClientSampleId :

QC030520 CAN 10268

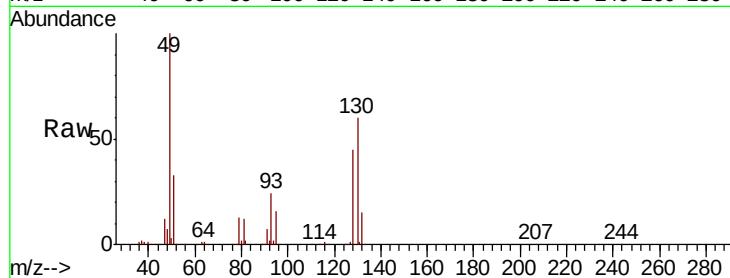
Tot Ion: 49 Resp: 836121

Ion Ratio Lower Upper

49 100

128 47.2 21.6 64.6

130 60.5 27.4 82.2



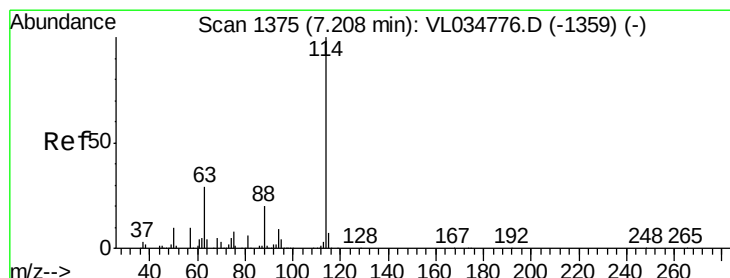
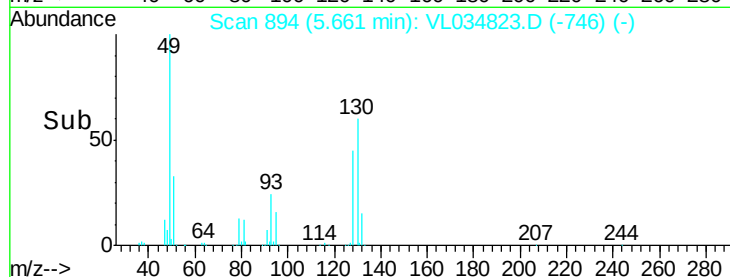
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.03 min

Lab File: VL034823.D

Acq: 6 Mar 2020 20:34

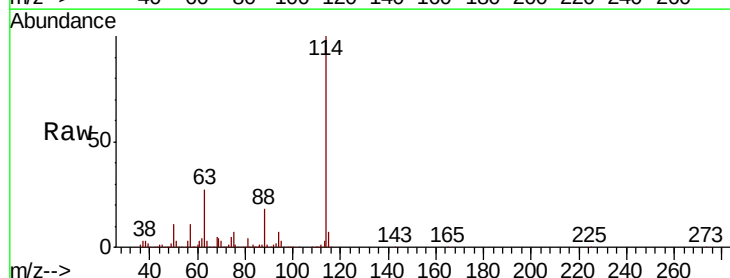
Tgt Ion:114 Resp: 1892654

Ion Ratio Lower Upper

114 100

63 25.9 23.6 35.4

88 18.8 15.8 23.8



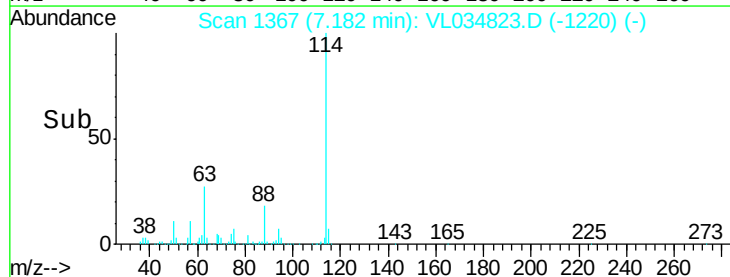
Abundance Ion 114.10 (113.80 to 114.80): VL0

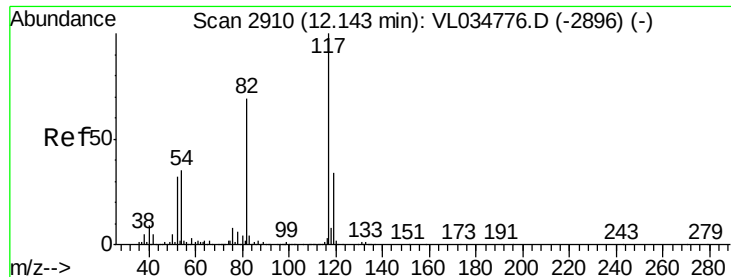
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.18

Time-->

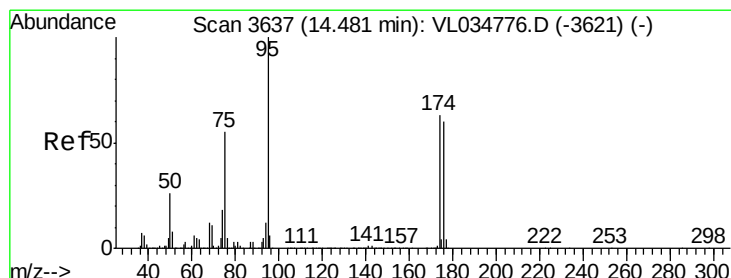
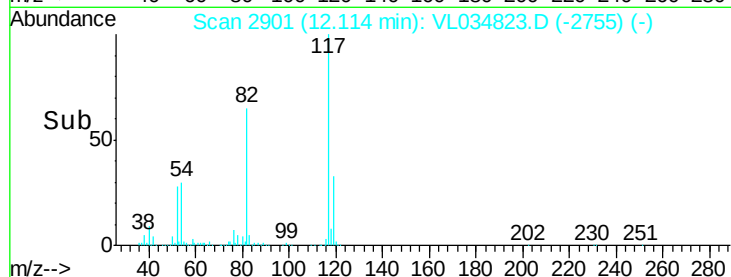
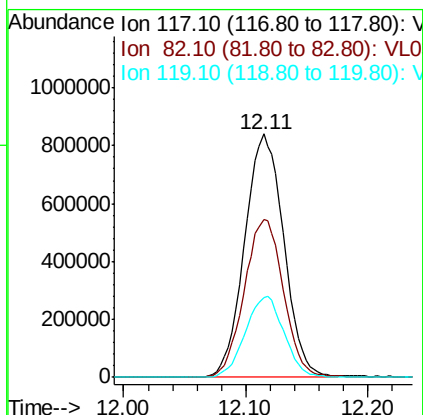
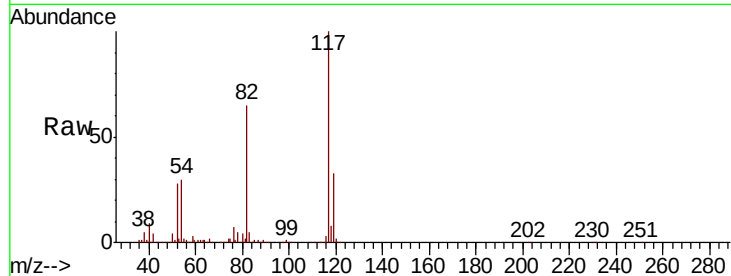




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.03 min
Lab File: VL034823.D
Acq: 6 Mar 2020 20:34

Instrument :
MSVOA_L
ClientSampleId :
QC030520 CAN 10268

Tot Ion:117 Resp: 1858118
Ion Ratio Lower Upper
117 100
82 65.6 53.9 80.9
119 33.0 25.0 37.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.404 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. -0.03 min
Lab File: VL034823.D
Acq: 6 Mar 2020 20:34

Tgt Ion: 95 Resp: 1457086
Ion Ratio Lower Upper
95 100
174 70.8 50.6 76.0
175 5.5 3.8 5.6

