

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120919\
 Data File : VL034490.D
 Acq On : 10 Dec 2019 10:25
 Operator : SY/AP
 Sample : OC120919 CAN 10488
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC120919 CAN 10488

Quant Time: Dec 11 12:12:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	816468	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1632317	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1609026	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1384437	10.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

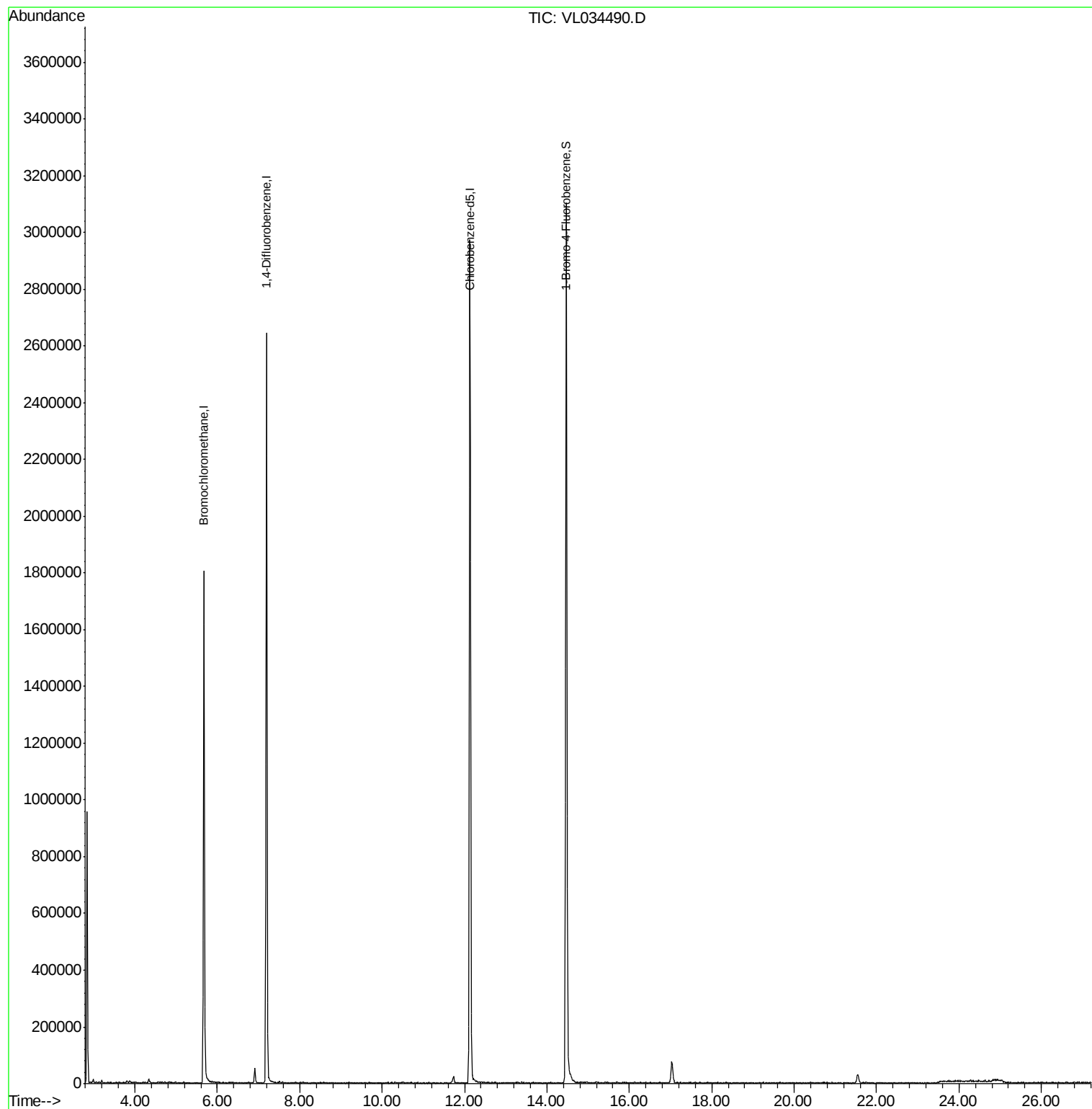
Target Compounds	Ovalue

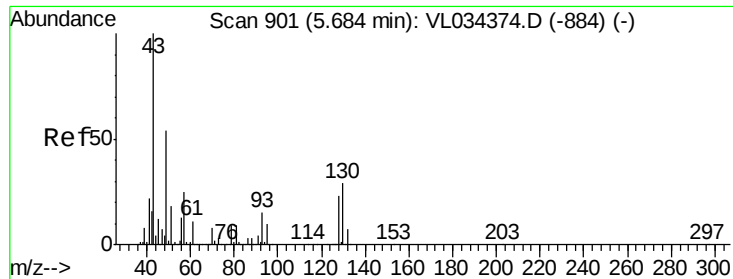
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.01 min

Lab File: VL034490.D

Acq: 10 Dec 2019 10:25

Instrument :

MSVOA_L

ClientSampleId :

QC120919 CAN 10488

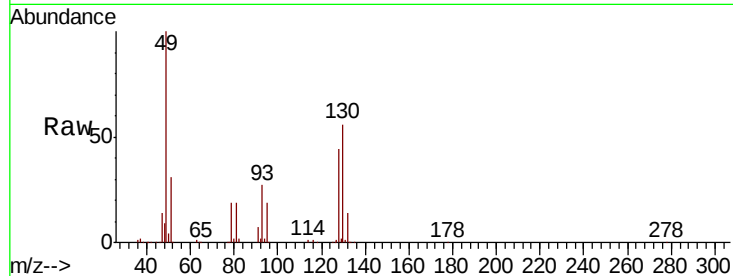
Tot Ion: 49 Resp: 816468

Ion Ratio Lower Upper

49 100

128 44.6 21.8 65.3

130 56.3 28.0 84.0



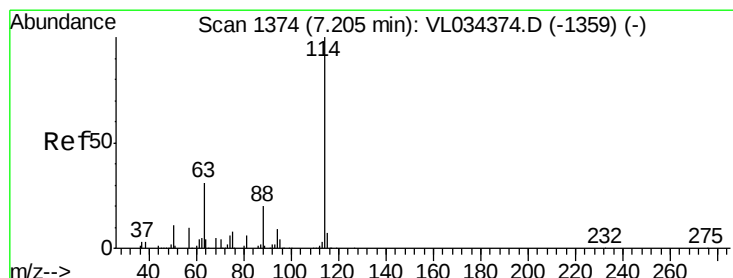
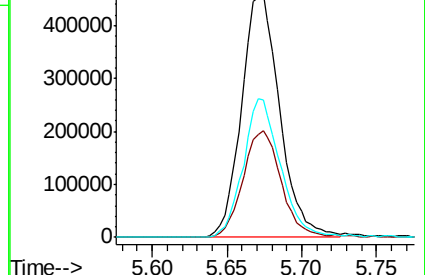
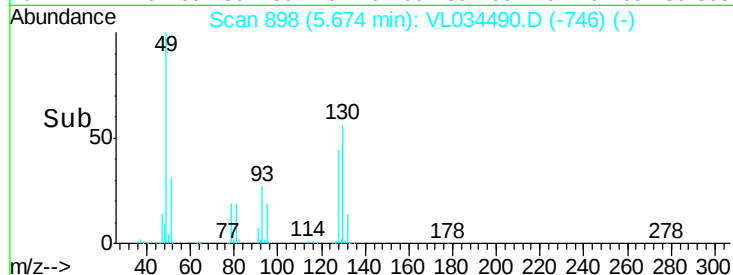
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.67

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1371

Delta R.T. -0.01 min

Lab File: VL034490.D

Acq: 10 Dec 2019 10:25

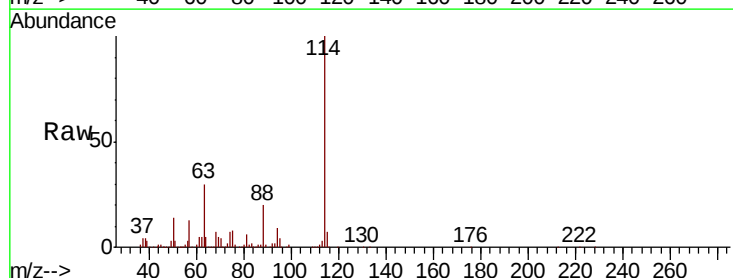
Tgt Ion: 114 Resp: 1632317

Ion Ratio Lower Upper

114 100

63 30.1 24.2 36.4

88 19.9 15.9 23.9



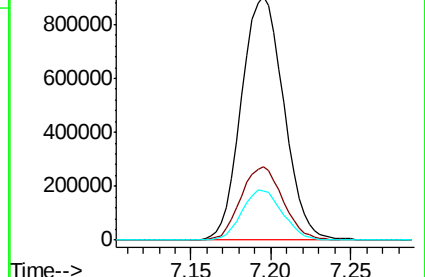
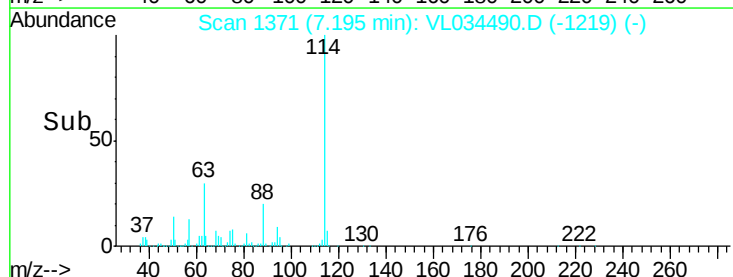
Abundance Ion 114.10 (113.80 to 114.80): VL0

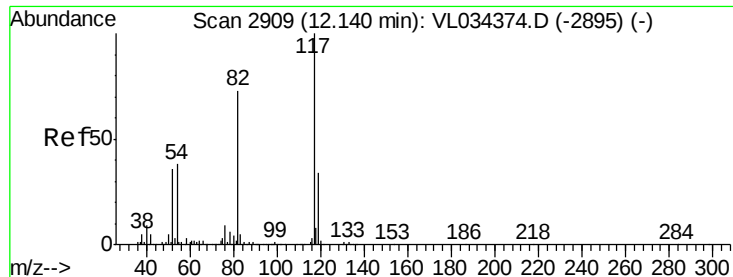
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.19

Time-->

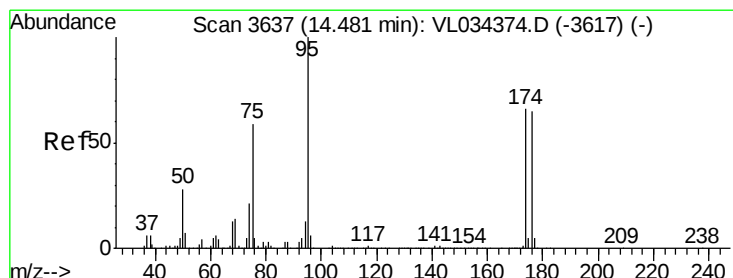
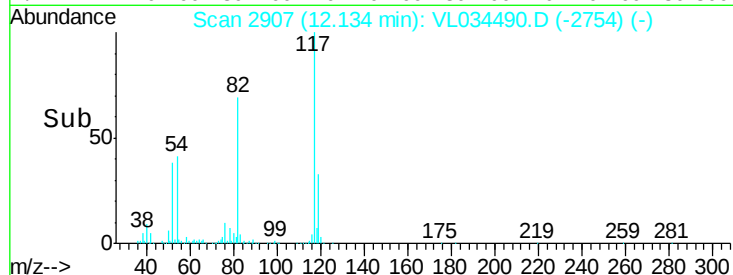
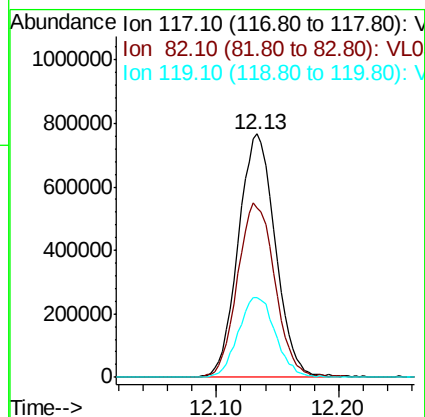
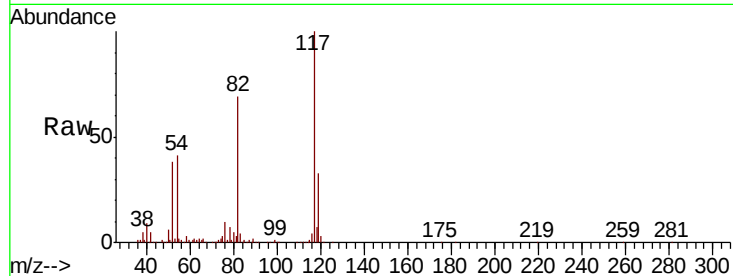




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL034490.D
Acq: 10 Dec 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
QC120919 CAN 10488

Tot Ion:117 Resp: 1609026
Ion Ratio Lower Upper
117 100
82 72.7 57.5 86.3
119 33.1 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.228 ppbv
RT: 14.47 min Scan# 3634
Delta R.T. -0.01 min
Lab File: VL034490.D
Acq: 10 Dec 2019 10:25

Tgt Ion: 95 Resp: 1384437
Ion Ratio Lower Upper
95 100
174 63.9 52.2 78.2
175 4.6 3.8 5.8

