

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111919\
Data File : VL034386.D
Acq On : 19 Nov 2019 19:33
Operator : SY/AP
Sample : OC111319 CAN 10303
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC111319 CAN 10303

Quant Time: Nov 20 11:04:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 20 03:30:54 2019
QLast Update : Wed Nov 20 03:30:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	941566	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1868826	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1841358	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1561961	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

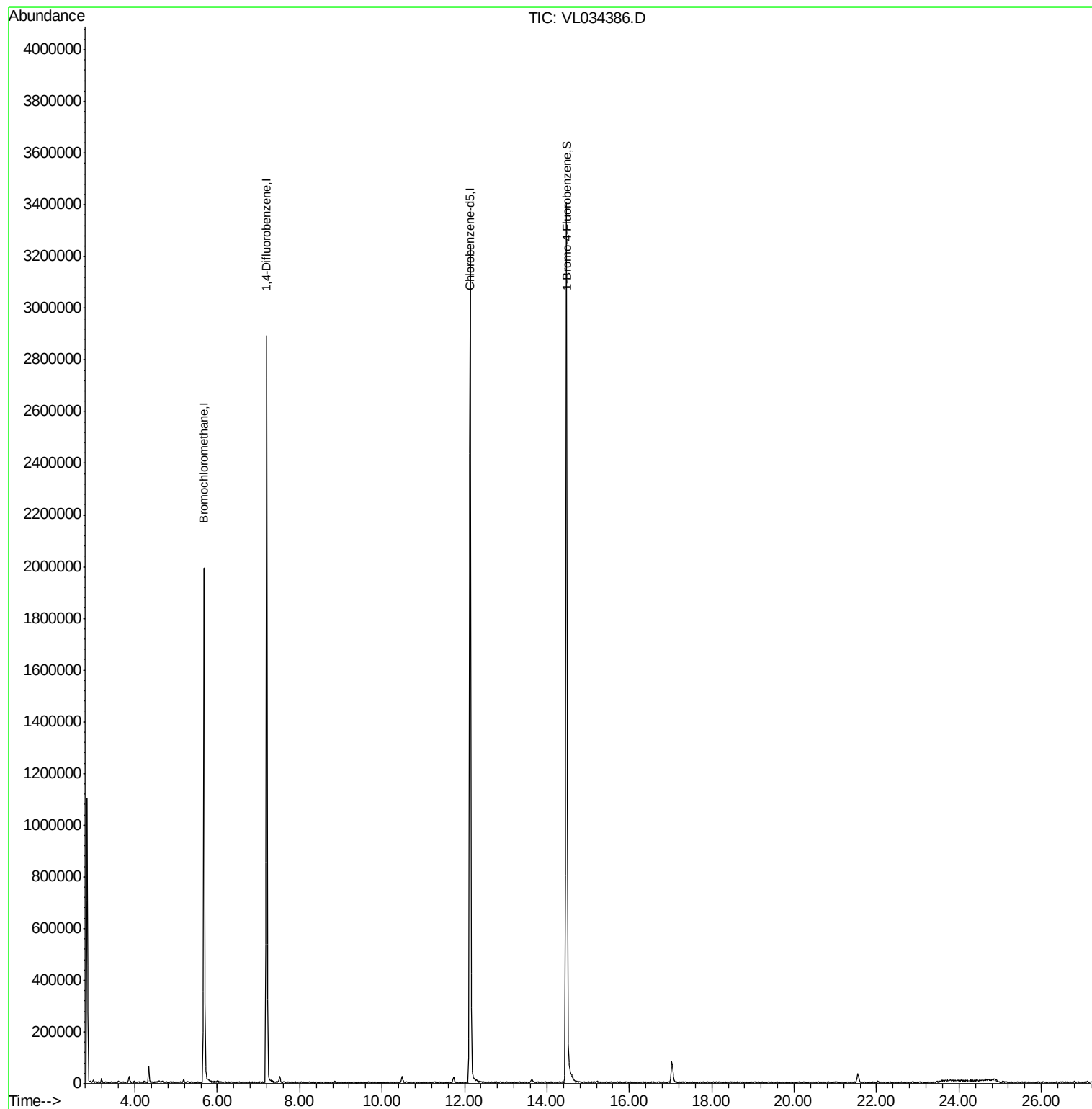
Target Compounds	Ovalue
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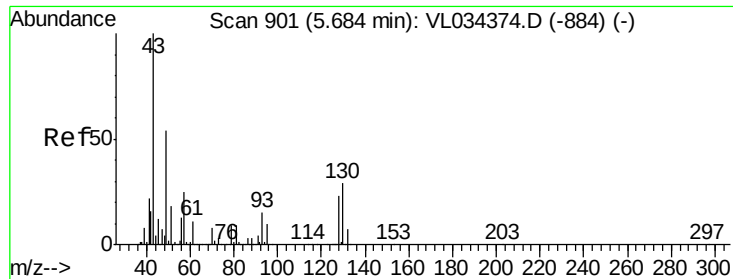
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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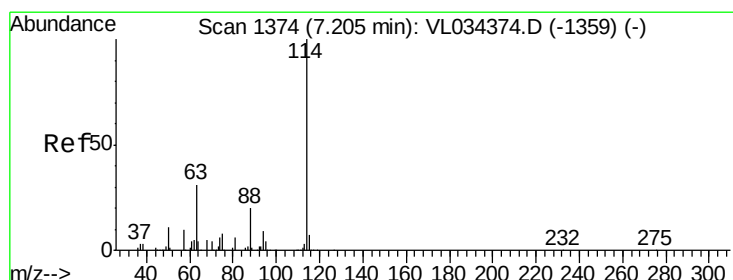
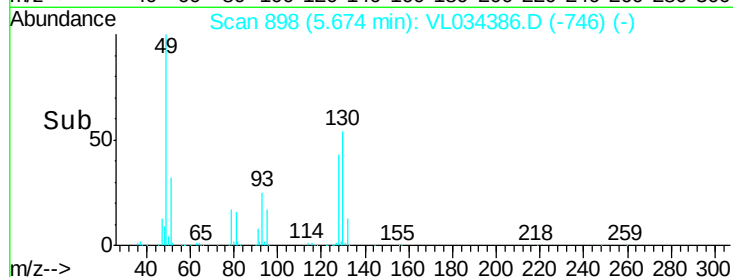
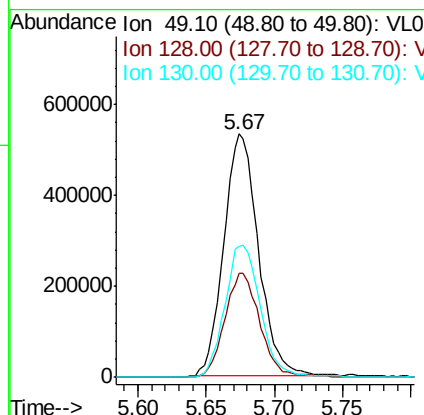
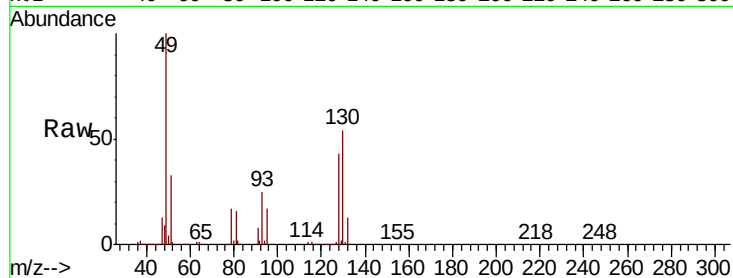




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VL034386.D
 Acq: 19 Nov 2019 19:33

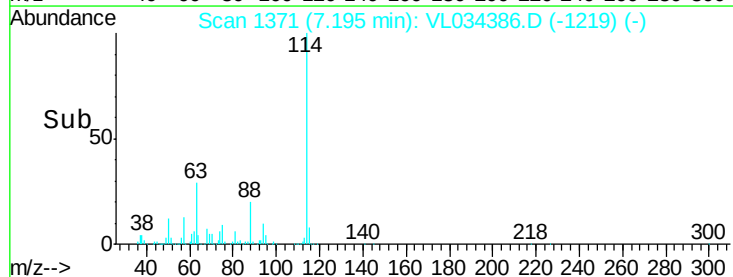
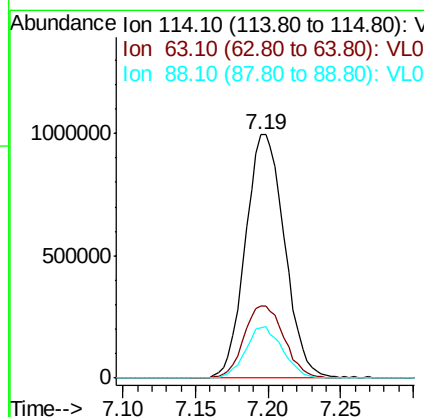
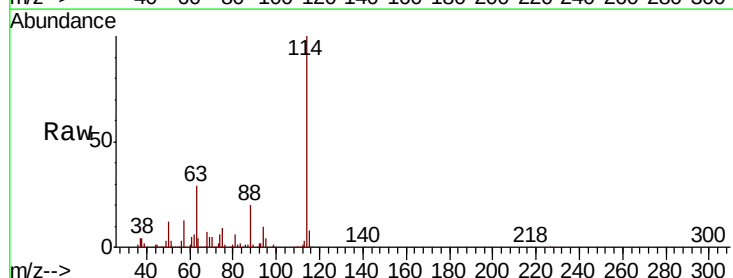
Instrument :
 MSVOA_L
 ClientSampleId :
 QC111319 CAN 10303

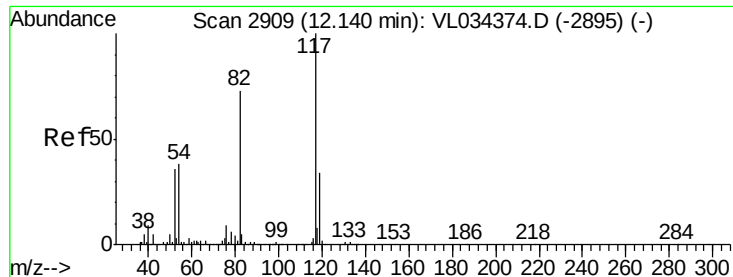
Tot Ion: 49 Resp: 941566
 Ion Ratio Lower Upper
 49 100
 128 44.1 21.8 65.3
 130 56.4 28.0 84.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: VL034386.D
 Acq: 19 Nov 2019 19:33

Tgt Ion: 114 Resp: 1868826
 Ion Ratio Lower Upper
 114 100
 63 30.4 24.2 36.4
 88 20.1 15.9 23.9

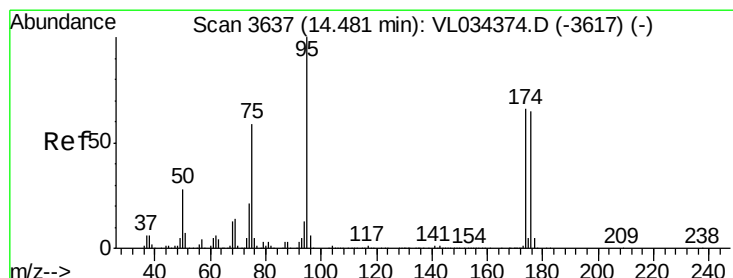
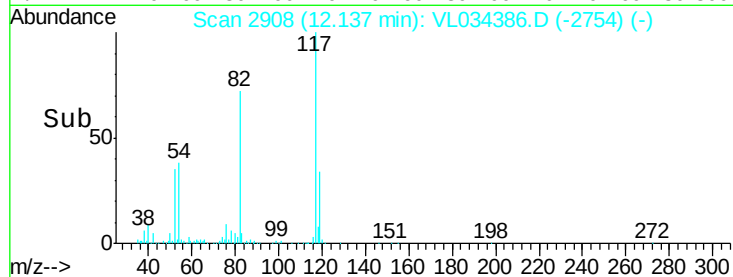
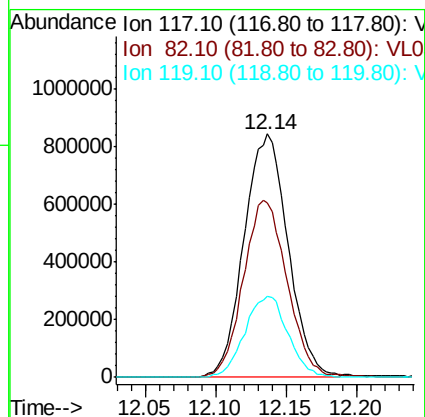
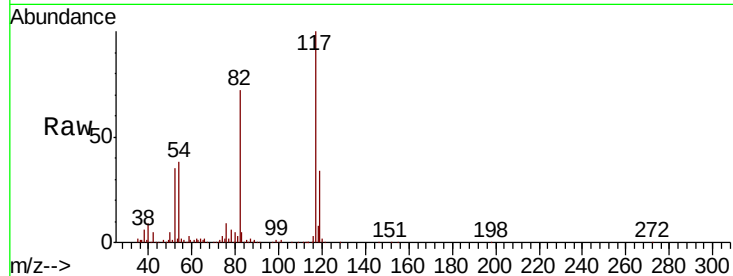




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.00 min
Lab File: VL034386.D
Acq: 19 Nov 2019 19:33

Instrument :
MSVOA_L
ClientSampleId :
QC111319 CAN 10303

Tot Ion:117 Resp: 1841358
Ion Ratio Lower Upper
117 100
82 73.1 57.5 86.3
119 33.1 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.083 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.01 min
Lab File: VL034386.D
Acq: 19 Nov 2019 19:33

Tgt Ion: 95 Resp: 1561961
Ion Ratio Lower Upper
95 100
174 66.9 52.2 78.2
175 4.8 3.8 5.8

