

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
 Data File : VL034018.D
 Acq On : 11 Jul 2019 14:43
 Operator : SY/AP
 Sample : VL0711ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0711ABL01

Quant Time: Jul 12 07:22:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Jul 02 19:31:31 2019
 QLast Update : Tue Jul 02 19:31:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.72	49	1031453	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.25	114	2660206	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.19	117	2689883	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.52	95	2157880	9.41	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.10%

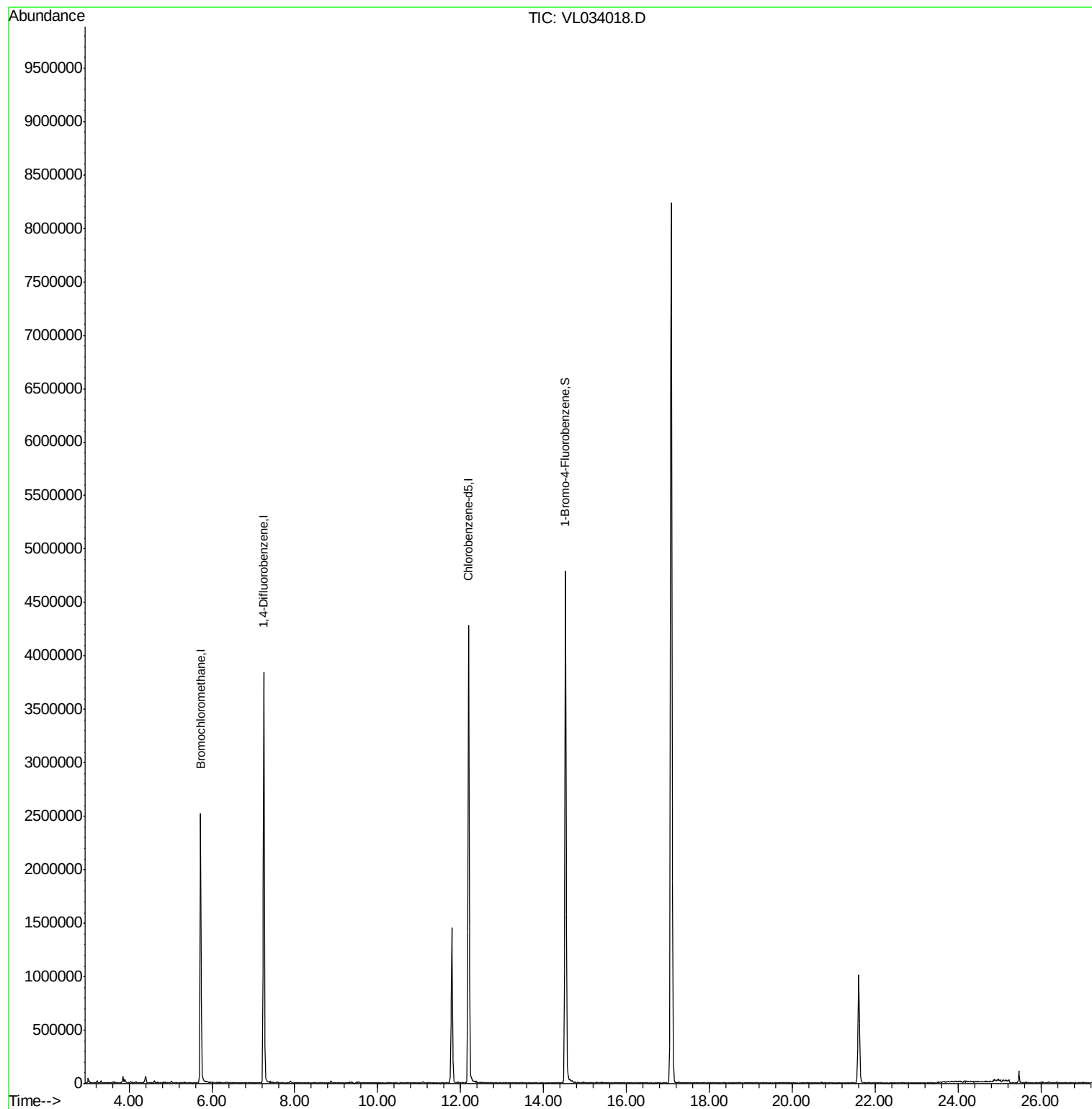
Target Compounds	Ovalue

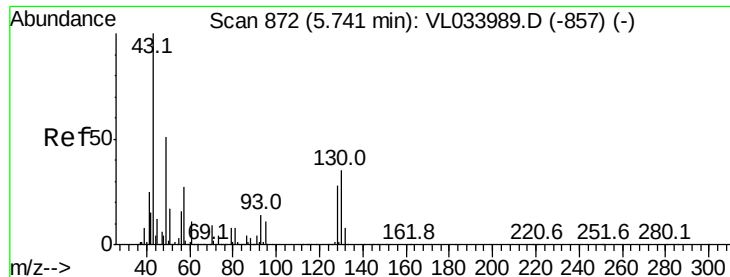
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.72 min Scan# 867

Delta R.T. -0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0711ABL01

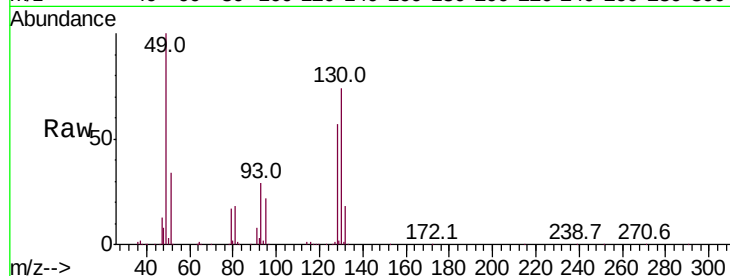
Tot Ion: 49 Resp: 1031453

Ion Ratio Lower Upper

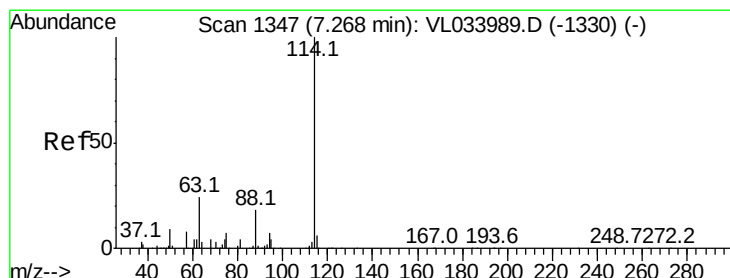
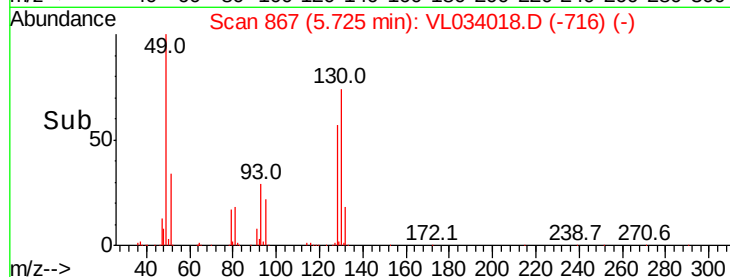
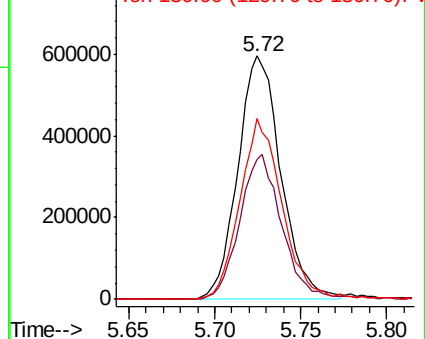
49 100

128 59.0 27.9 83.6

130 73.7 35.8 107.4



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.25 min Scan# 1341

Delta R.T. -0.02 min

Lab File: VL034018.D

Acq: 11 Jul 2019 14:43

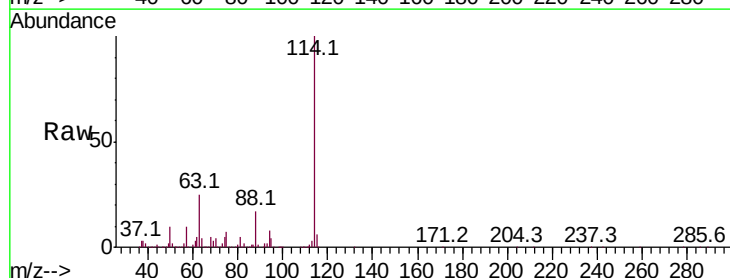
Tgt Ion:114 Resp: 2660206

Ion Ratio Lower Upper

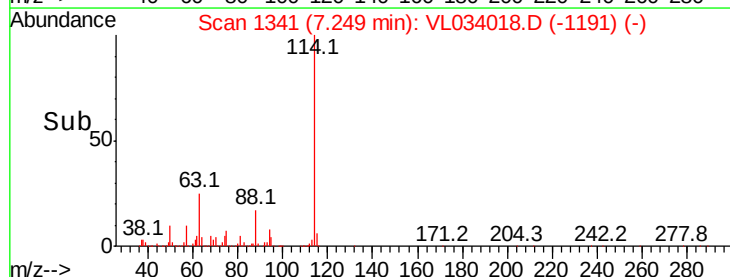
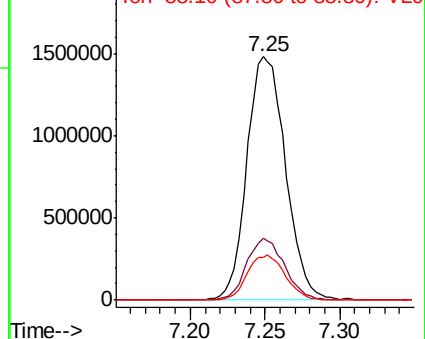
114 100

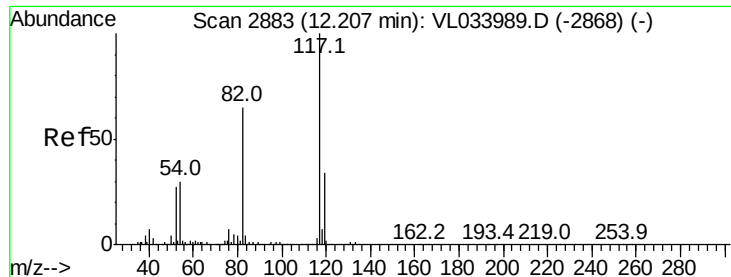
63 25.0 20.2 30.2

88 18.3 14.1 21.1



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

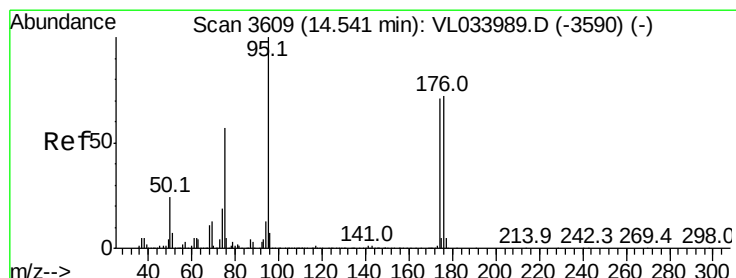
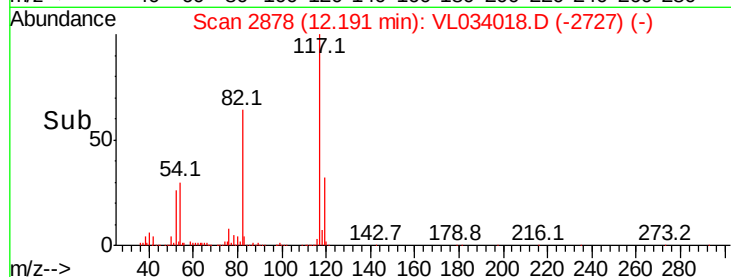
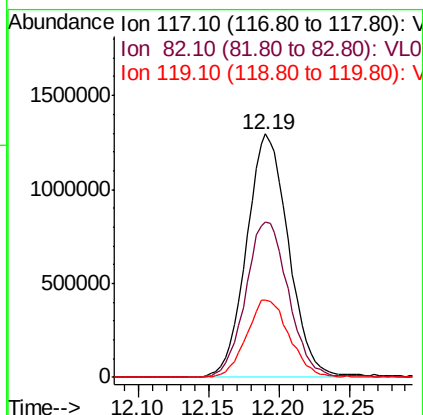
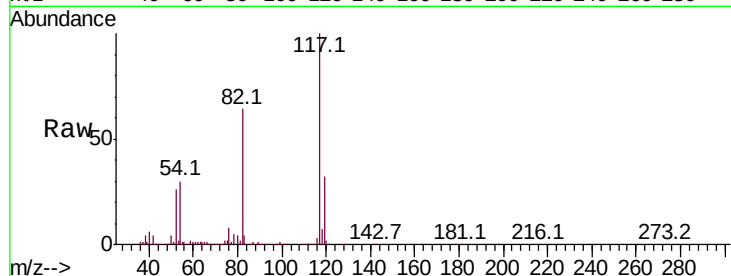




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.19 min Scan# 2878
Delta R.T. -0.02 min
Lab File: VL034018.D
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Instrument :
MSVOA_L
ClientSampleId :
VL0711ABL01

Tot Ion:117 Resp: 2689883
Ion Ratio Lower Upper
117 100
82 66.1 50.8 76.2
119 32.7 24.0 36.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.406 ppbv
RT: 14.52 min Scan# 3604
Delta R.T. -0.02 min
Lab File: VL034018.D
Acq: 11 Jul 2019 14:43

Tgt Ion: 95 Resp: 2157880
Ion Ratio Lower Upper
95 100
174 72.3 60.5 90.7
175 5.2 4.0 6.0

