

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL010419\
 Data File : VL033083.D
 Acq On : 5 Jan 2019 1:02
 Operator : SY/AP
 Sample : OC010319 CAN 10716
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC010319 CAN 10716

Quant Time: Jan 07 11:31:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 04 16:09:05 2019
 QLast Update : Fri Jan 04 16:09:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	996234	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2327261	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2384234	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1837307	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

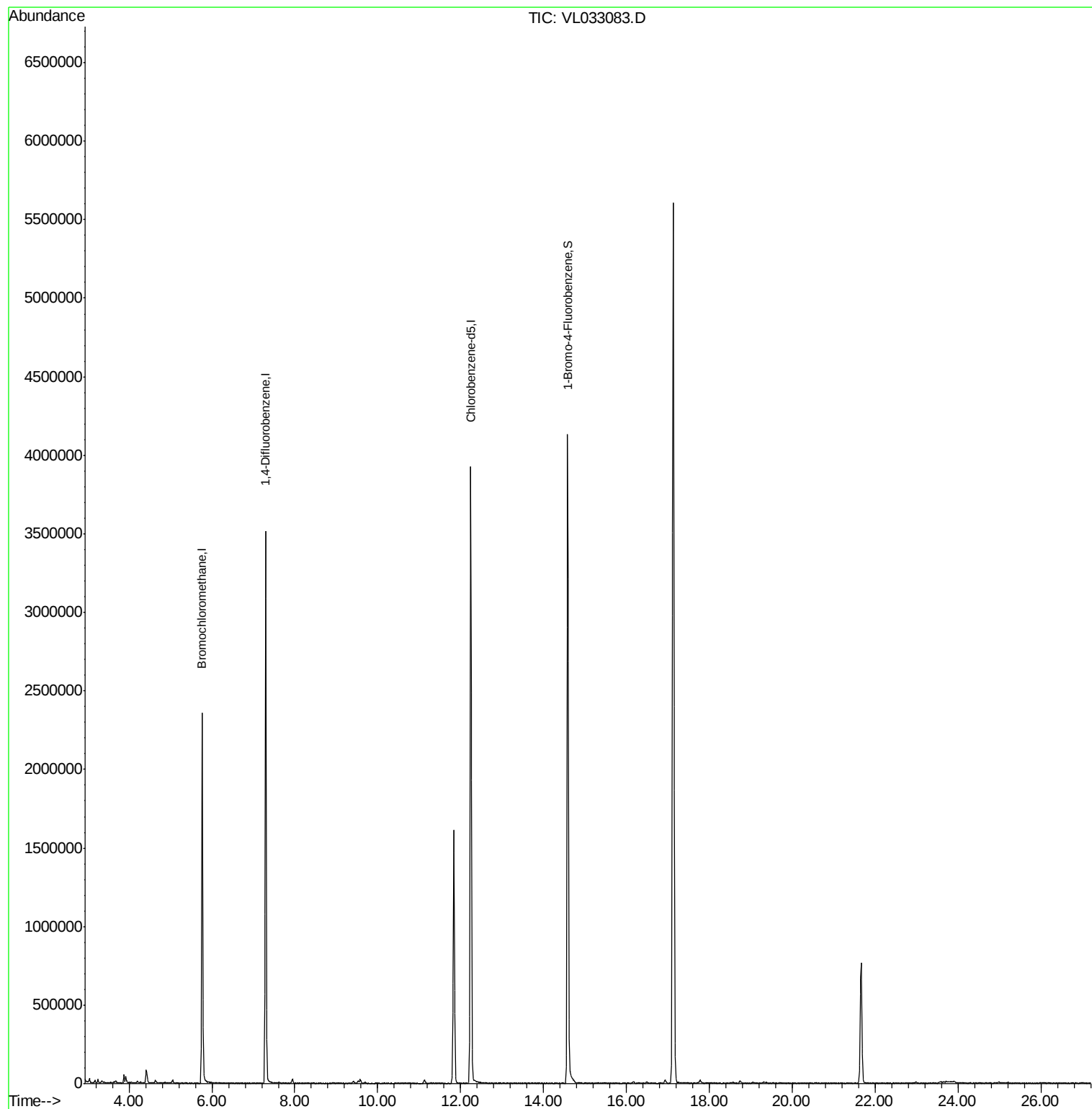
Target Compounds	Ovalue

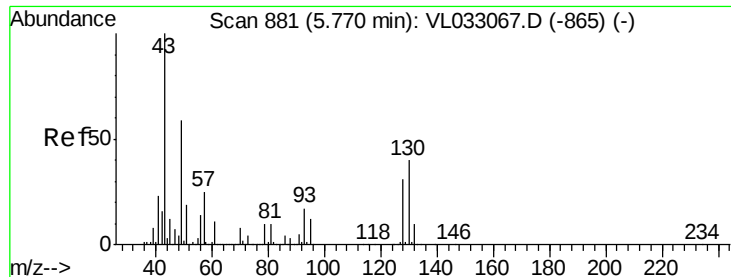
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. 0.00 min

Lab File: VL033083.D

Acq: 5 Jan 2019 1:02

Instrument :

MSVOA_L

ClientSampleId :

QC010319 CAN 10716

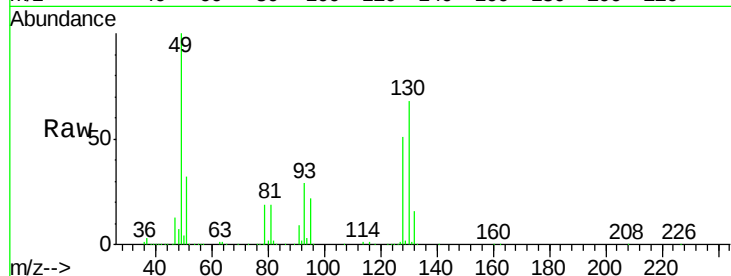
Tot Ion: 49 Resp: 996234

Ion Ratio Lower Upper

49 100

128 53.1 26.2 78.5

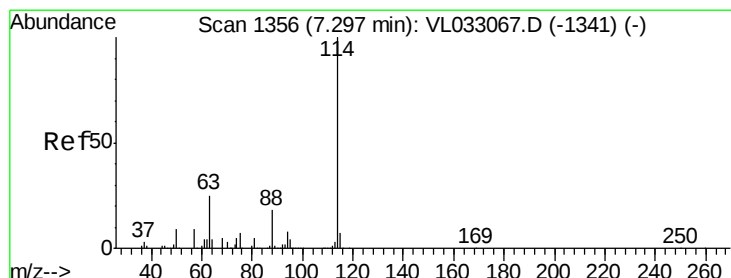
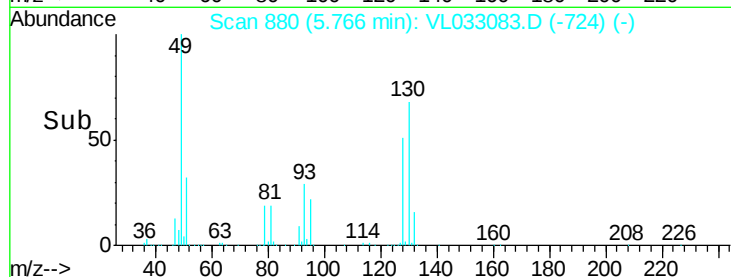
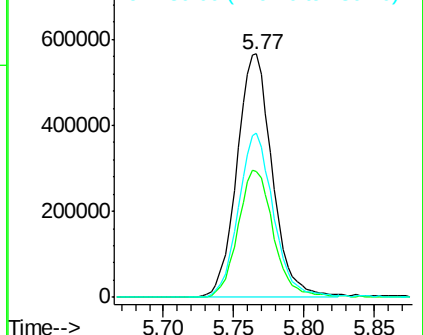
130 68.0 33.6 100.6



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VL033083.D

Acq: 5 Jan 2019 1:02

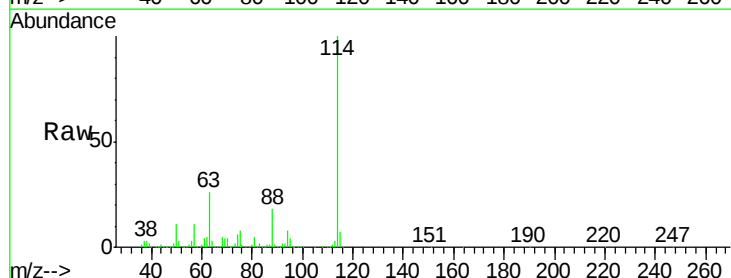
Tgt Ion: 114 Resp: 2327261

Ion Ratio Lower Upper

114 100

63 25.9 20.1 30.1

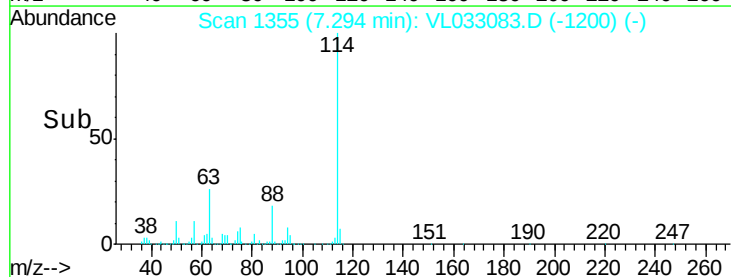
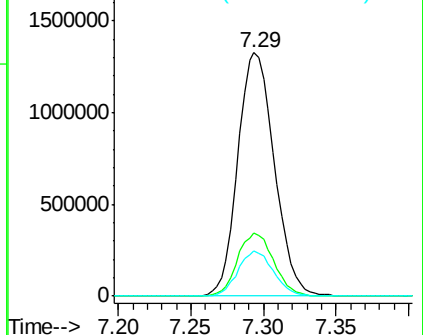
88 18.0 14.0 21.0

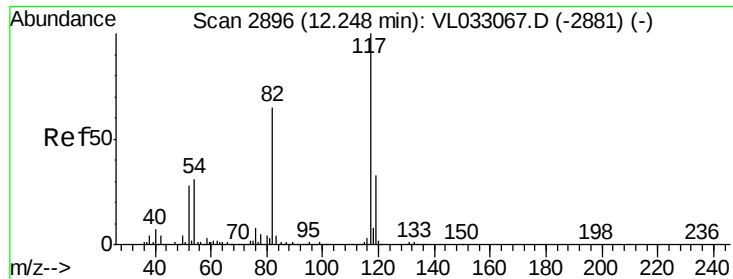


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

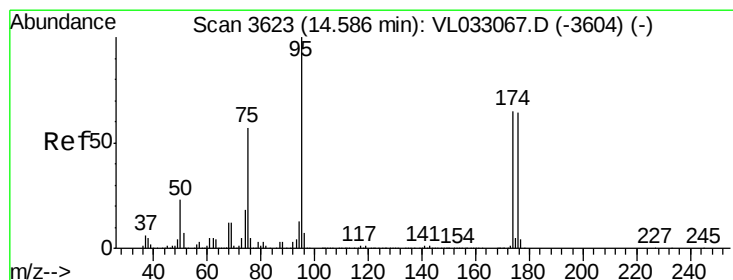
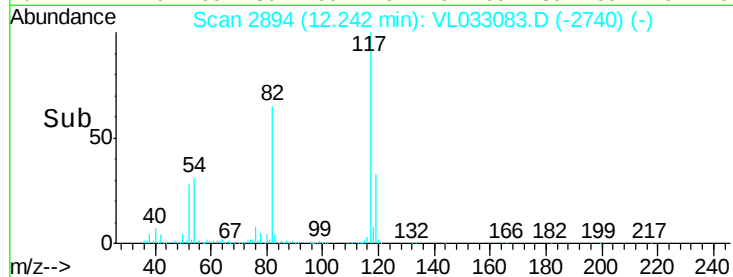
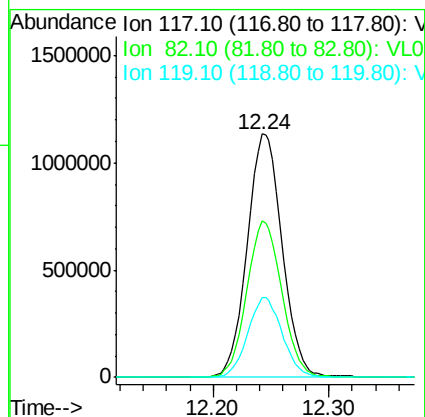
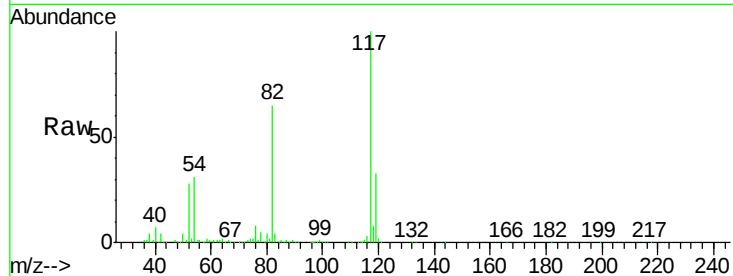




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL033083.D
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Tot Ion:117 Resp: 2384234
Ion Ratio Lower Upper
117 100
82 64.9 48.9 73.3
119 32.6 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.053 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.00 min
Lab File: VL033083.D
Acq: 5 Jan 2019 1:02

Tgt Ion: 95 Resp: 1837307
Ion Ratio Lower Upper
95 100
174 65.7 51.9 77.9
175 4.7 3.9 5.9

