

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011619\
Data File : VL033099.D
Acq On : 16 Jan 2019 19:43
Operator : SY/AP
Sample : OC011419 CAN 10325
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC011419 CAN 10325

Quant Time: Jan 17 09:26:32 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	5.76	49	974122	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2285485	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2281658	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1736844	9.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

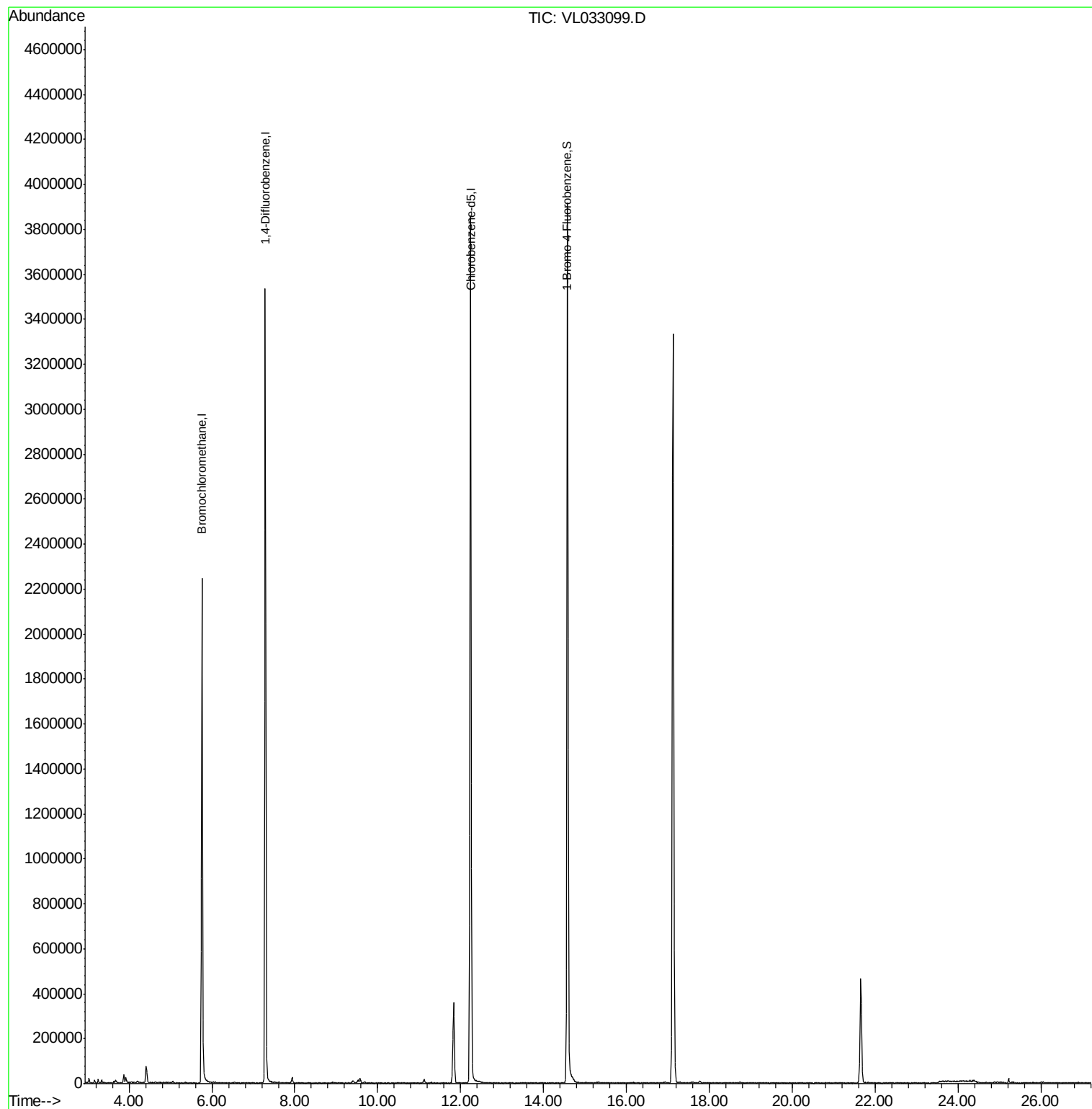
Target Compounds	Ovalue
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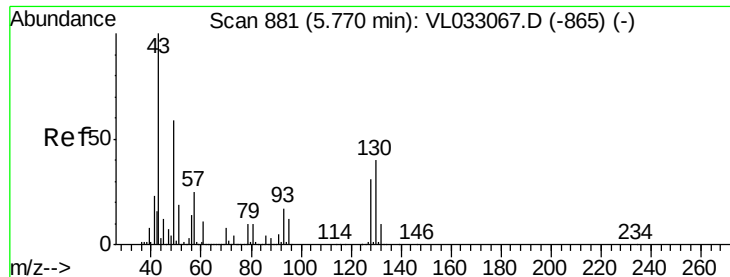
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

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QC011419 CAN 10325

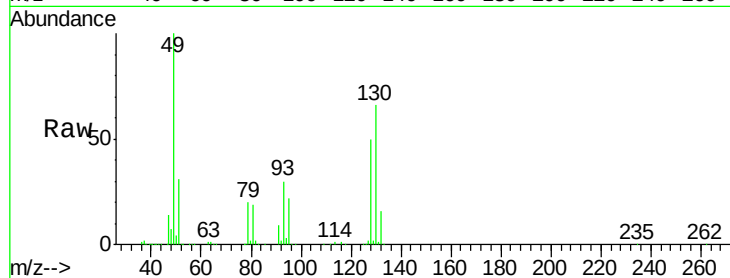
Tot Ion: 49 Resp: 974122

Ion Ratio Lower Upper

49 100

128 51.8 26.2 78.5

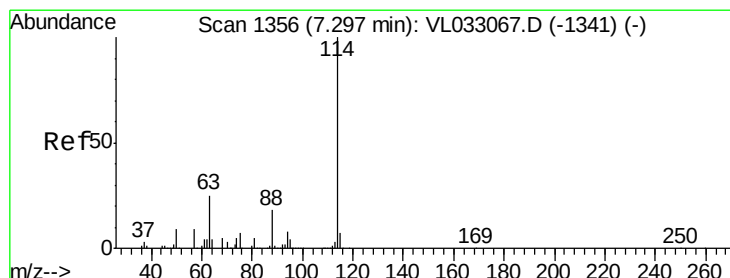
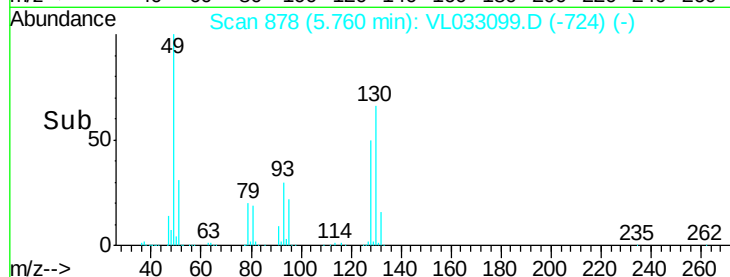
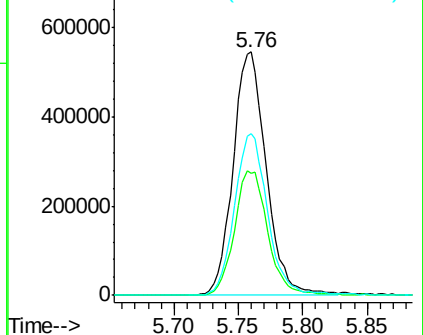
130 67.1 33.6 100.6



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# 1353

Delta R.T. -0.01 min

Lab File: VL033099.D

Acq: 16 Jan 2019 19:43

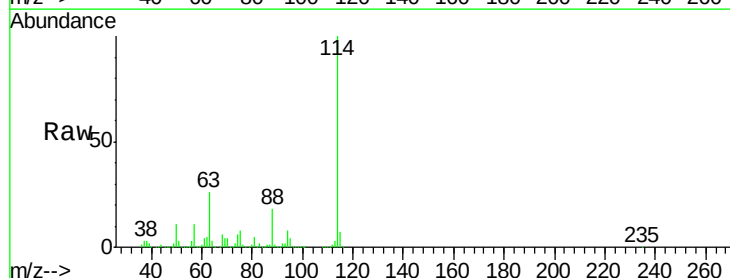
Tgt Ion: 114 Resp: 2285485

Ion Ratio Lower Upper

114 100

63 25.5 20.1 30.1

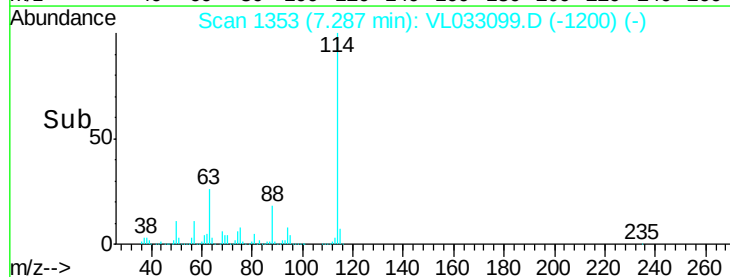
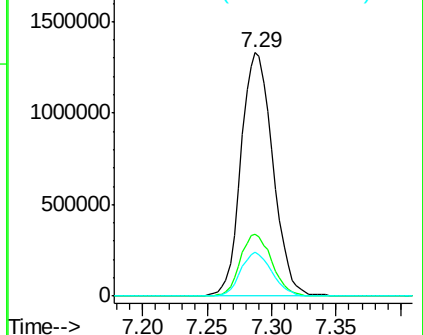
88 17.7 14.0 21.0

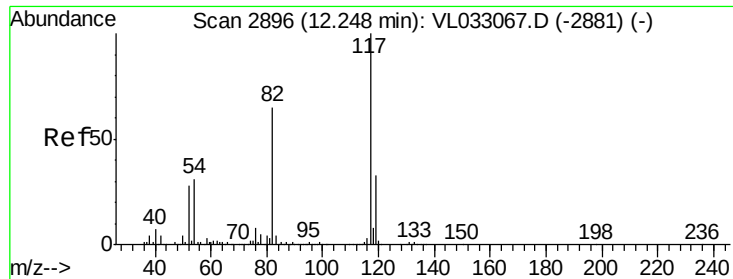


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

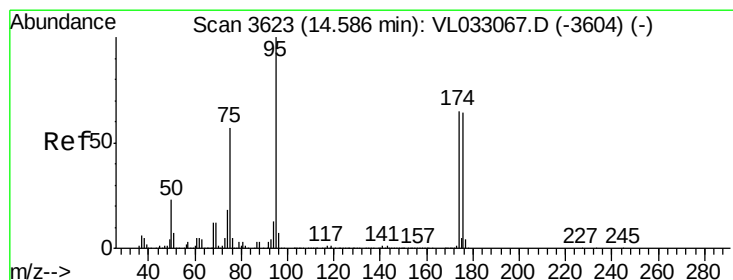
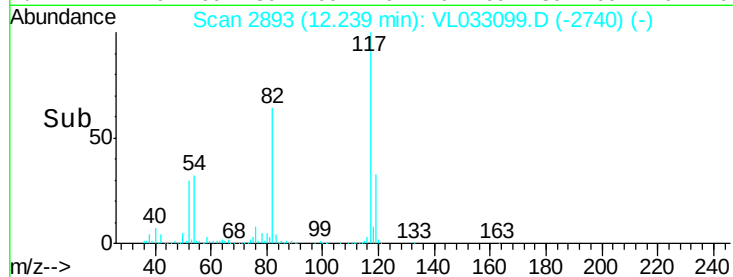
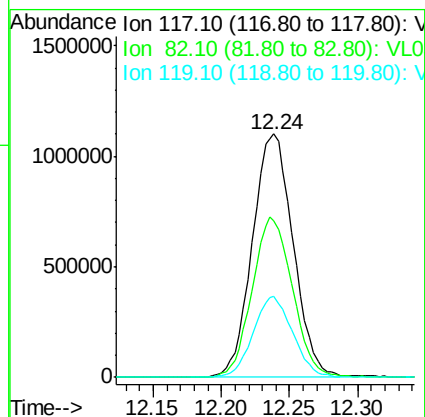
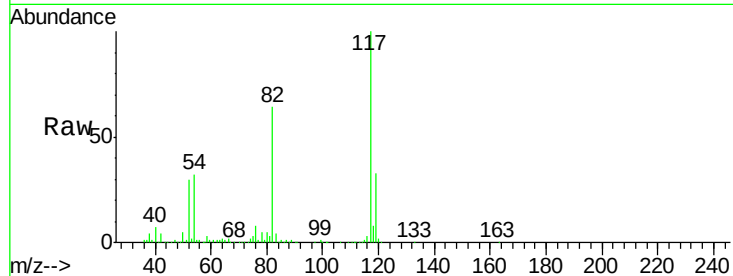




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033099.D
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Instrument :
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QC011419 CAN 10325

Tot Ion:117 Resp: 2281658
Ion Ratio Lower Upper
117 100
82 66.0 48.9 73.3
119 32.5 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.930 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033099.D
Acq: 16 Jan 2019 19:43

Tgt Ion: 95 Resp: 1736844
Ion Ratio Lower Upper
95 100
174 65.0 51.9 77.9
175 4.5 3.9 5.9

