

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041019\
 Data File : VL033567.D
 Acq On : 10 Apr 2019 16:57
 Operator : SY/AP
 Sample : QC040319 CAN 10284
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040319 CAN 10284

Quant Time: Apr 11 04:00:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 16:00:50 2019
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	895212	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2181901	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2121341	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1680915	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

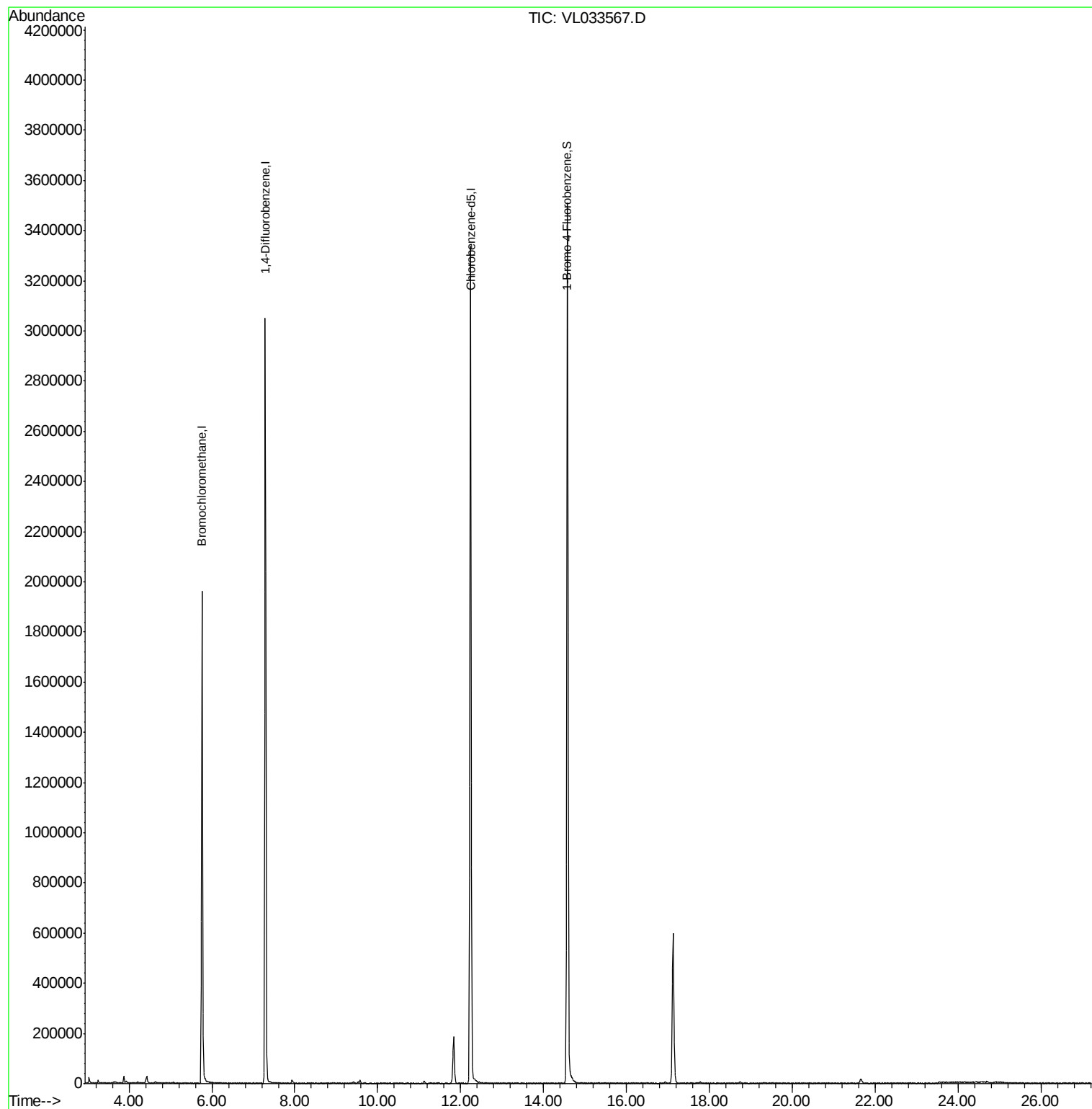
Target Compounds	Ovalue

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

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QC040319 CAN 10284

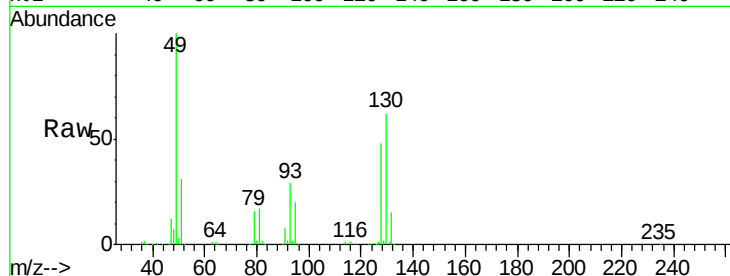
Tot Ion: 49 Resp: 895212

Ion Ratio Lower Upper

49 100

128 50.7 24.0 72.0

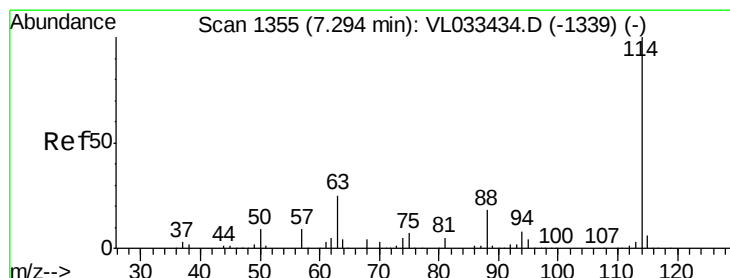
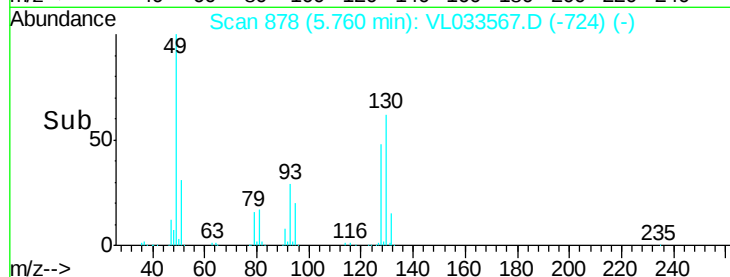
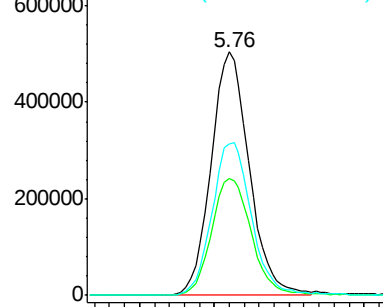
130 65.4 31.2 93.6



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: 7.29 min Scan# 1354

Delta R.T. -0.00 min

Lab File: VL033567.D

Acq: 10 Apr 2019 16:57

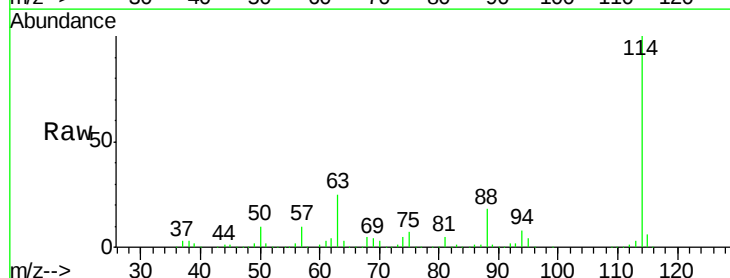
Tgt Ion: 114 Resp: 2181901

Ion Ratio Lower Upper

114 100

63 25.7 21.5 32.3

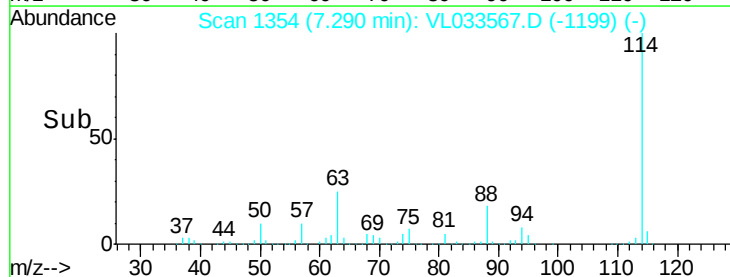
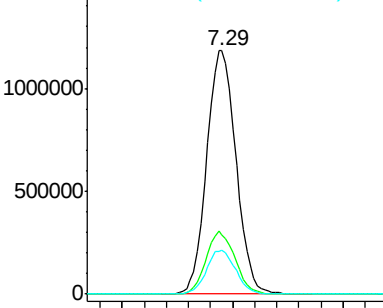
88 17.9 14.5 21.7

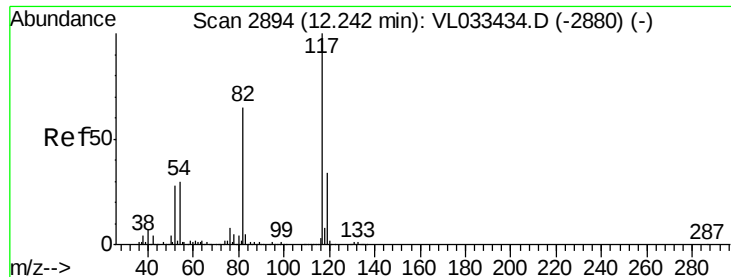


Abundance Ion 114.10 (113.80 to 114.80): V

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: 12.24 min Scan# 2892

Delta R.T. -0.01 min

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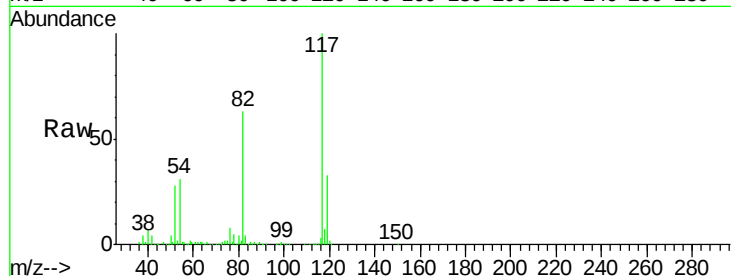
Tot Ion:117 Resp: 2121341

Ion Ratio Lower Upper

117 100

82 66.0 51.5 77.3

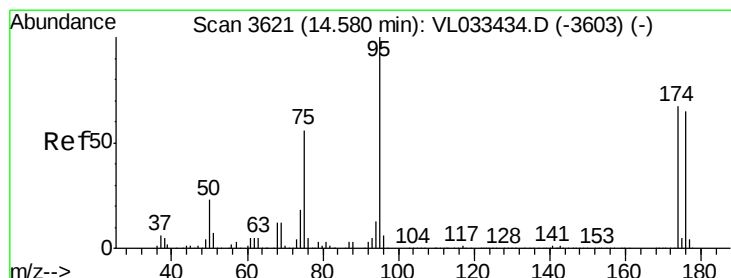
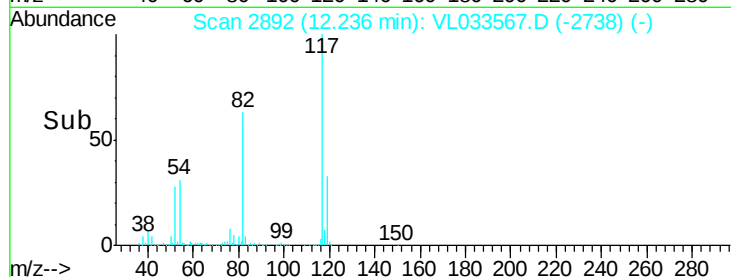
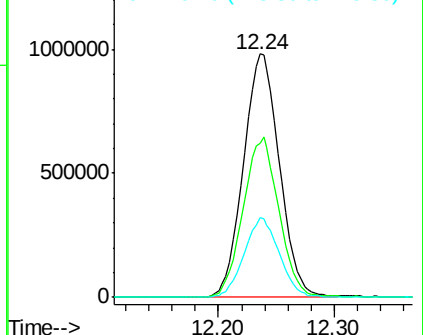
119 32.3 25.5 38.3



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.107 ppbv

RT: 14.57 min Scan# 3619

Delta R.T. -0.01 min

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Acq: 10 Apr 2019 16:57

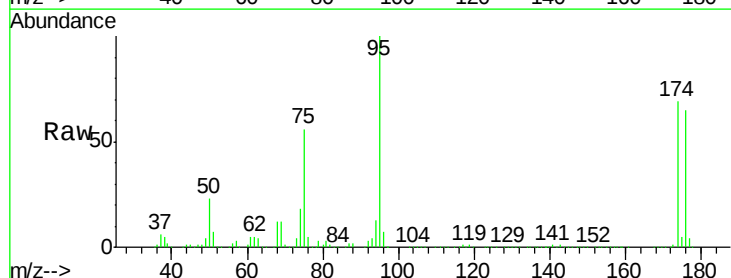
Tgt Ion: 95 Resp: 1680915

Ion Ratio Lower Upper

95 100

174 67.8 52.9 79.3

175 4.8 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

