

Data File : VL031420.D
Acq On : 22 Jan 2018 16:37
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jan 22 17:07:07 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL012218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 22 16:42:46 2018
QLast Update : Mon Jan 22 16:42:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.90	49	1242722	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.44	114	2849275	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	2842612	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	2297133	10.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.54	84	3961	0.05	ppbv #	73
39) 1,2-Dichloropropane	7.44	63	787418	7.22	ppbv #	22

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

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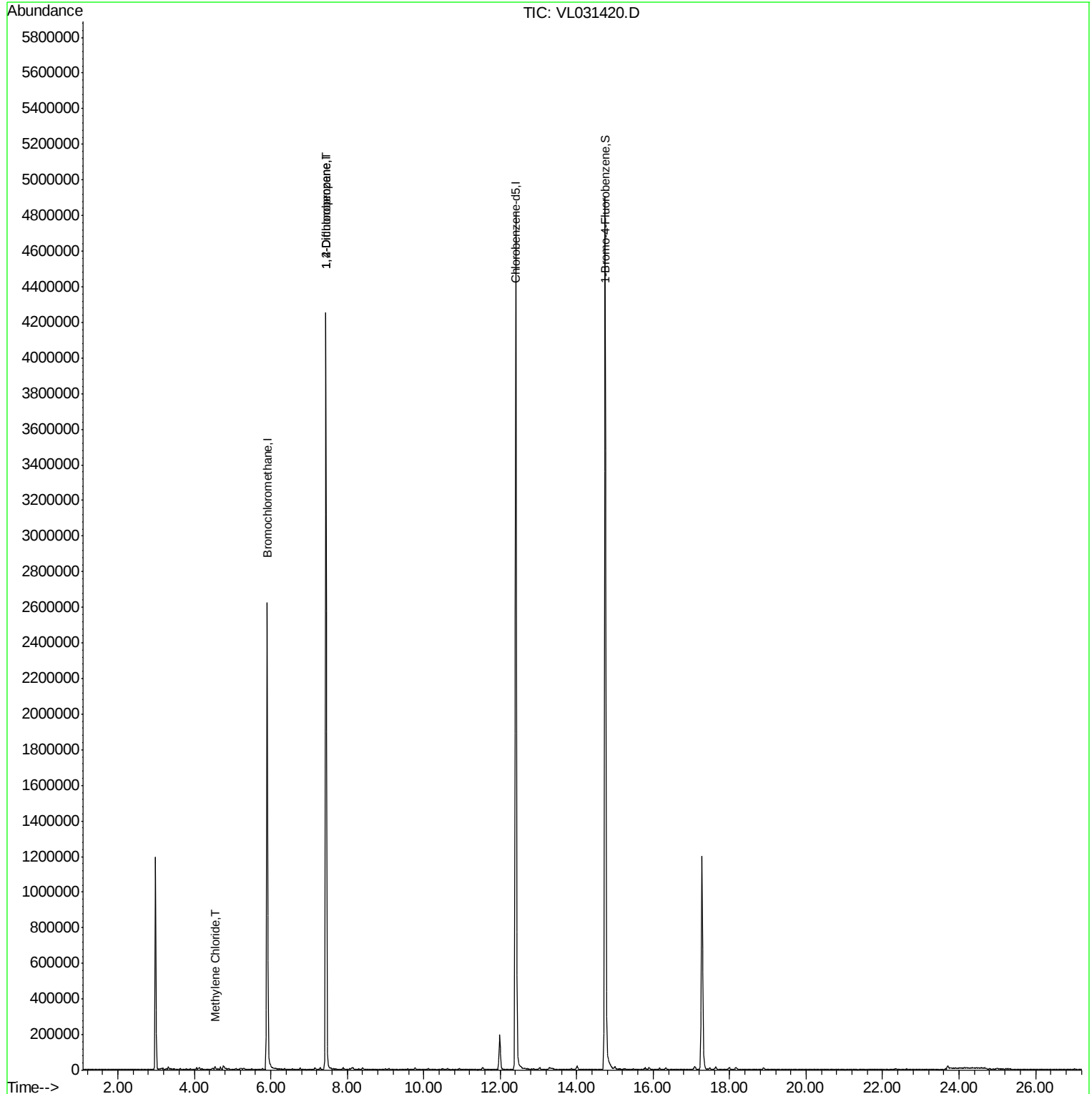
Quant Time: Jan 22 17:07:07 2018

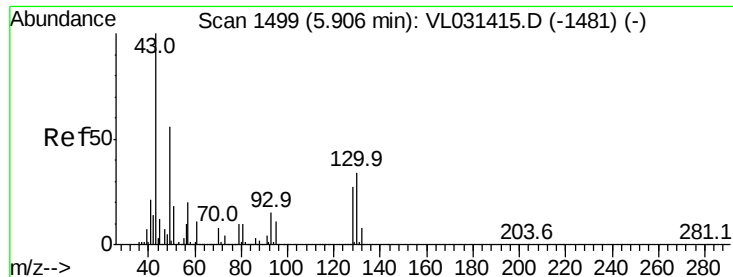
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL012218AIR.M

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.90 min Scan# 1498

Delta R.T. -0.01 min

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VSTDIC0.03

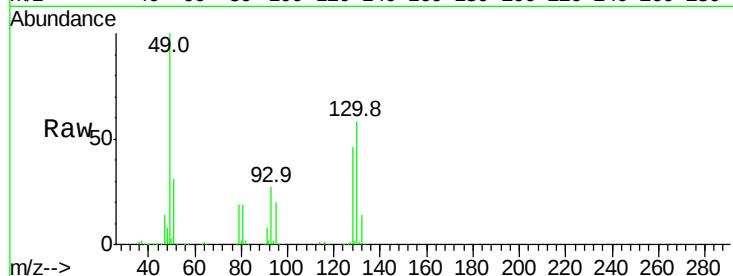
Tgt Ion: 49 Resp: 1242722

Ion Ratio Lower Upper

49 100

128 46.6 23.5 70.6

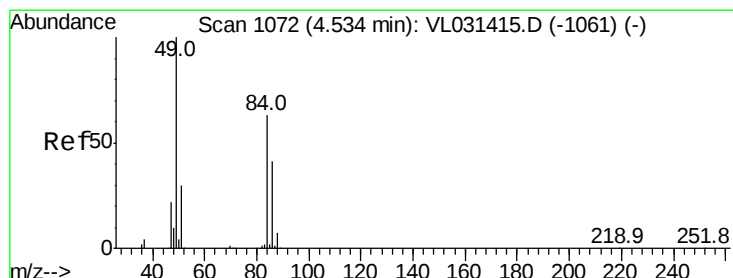
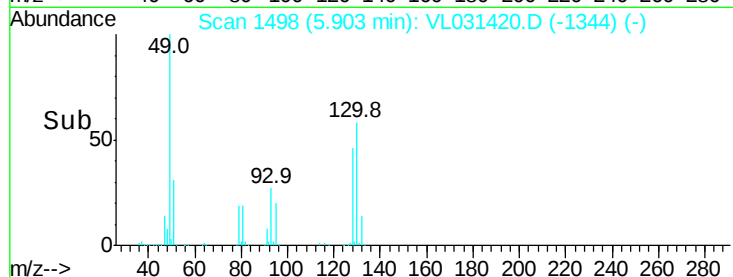
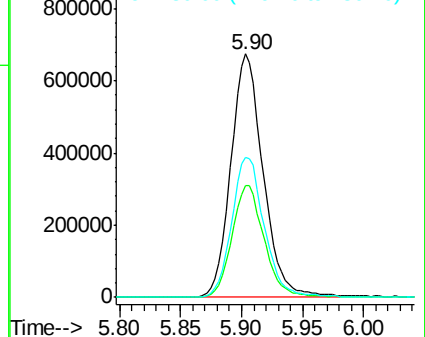
130 58.8 29.9 89.7



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



#20

Methylene Chloride

Concen: 0.05 ppbv

RT: 4.54 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VL031420.D

Acq: 22 Jan 2018 16:37

Tgt Ion: 84 Resp: 3961

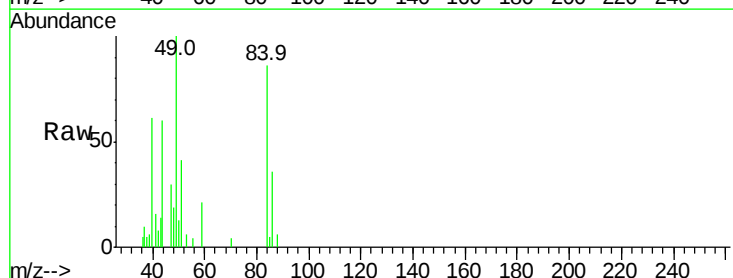
Ion Ratio Lower Upper

84 100

49 118.1 123.4 185.0#

51 36.7 35.6 53.4

86 35.3 49.4 74.2#

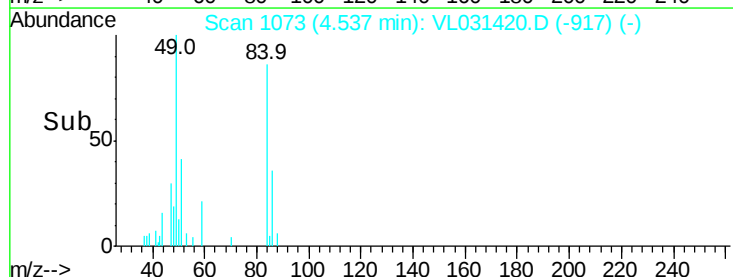
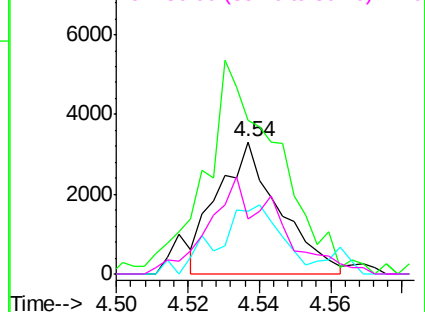


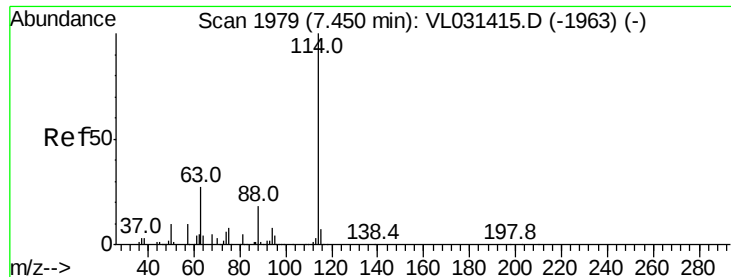
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

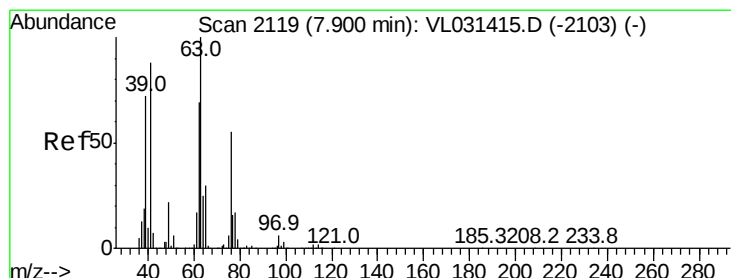
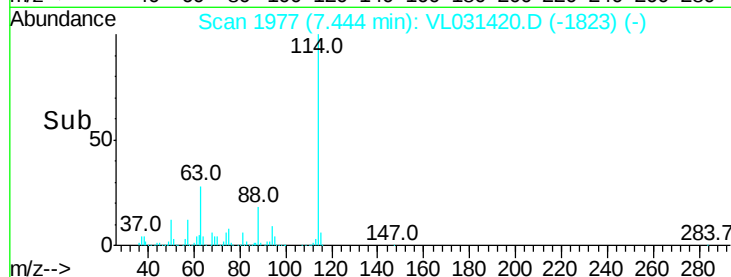
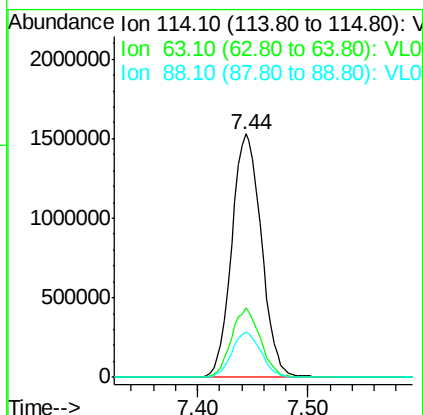
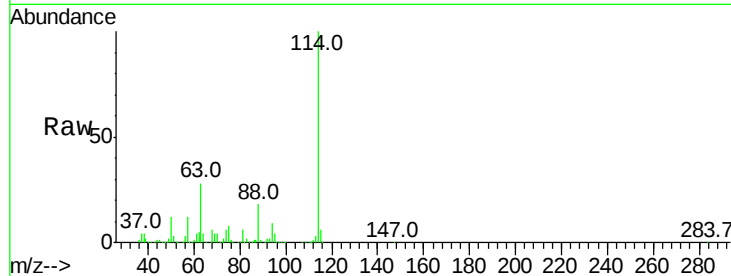




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.44 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: VL031420.D
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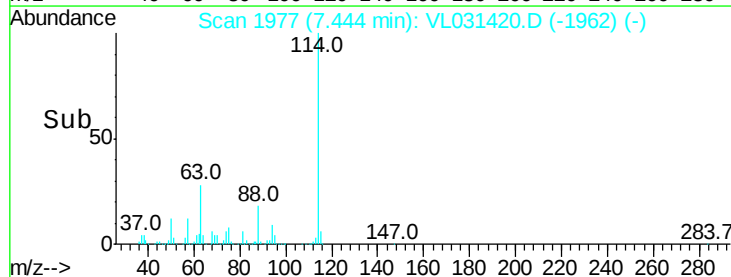
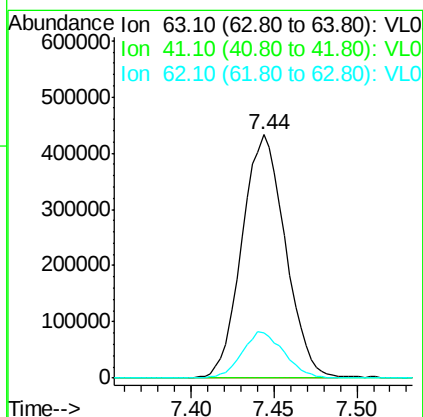
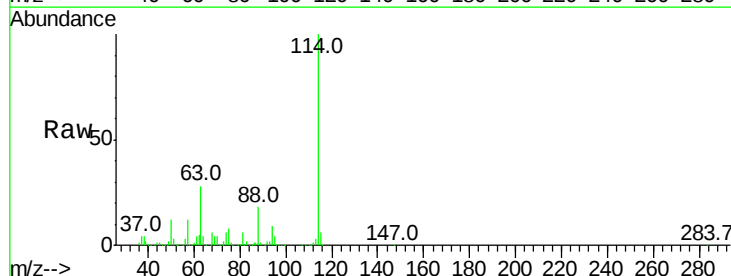
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

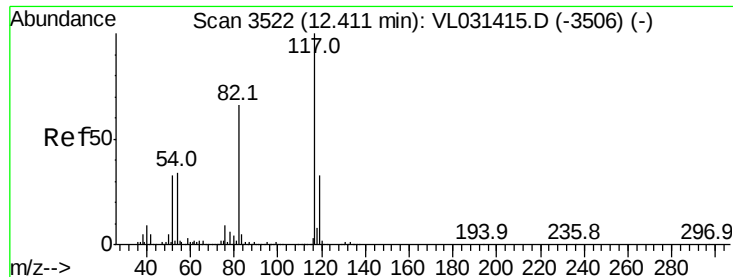
Tgt Ion: 114 Resp: 2849275
 Ion Ratio Lower Upper
 114 100
 63 27.9 22.5 33.7
 88 18.3 14.6 22.0



#39
 1,2-Dichloropropane
 Concen: 7.22 ppbv
 RT: 7.44 min Scan# 1977
 Delta R.T. -0.45 min
 Lab File: VL031420.D
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Tgt Ion: 63 Resp: 787418
 Ion Ratio Lower Upper
 63 100
 41 0.1 67.6 101.4#
 62 18.4 51.8 77.6#

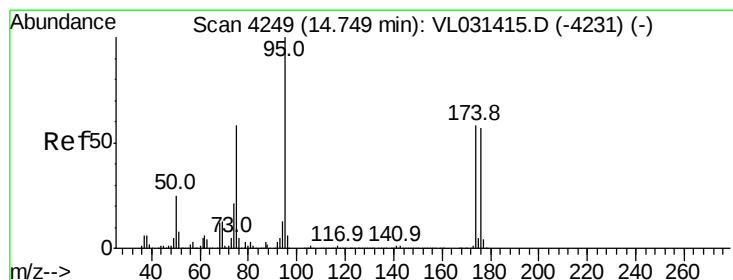
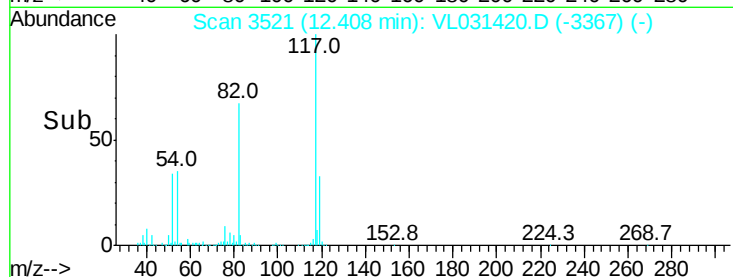
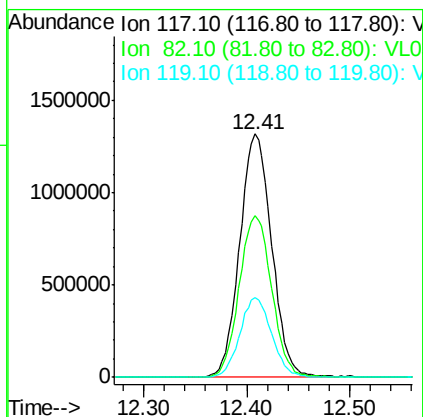
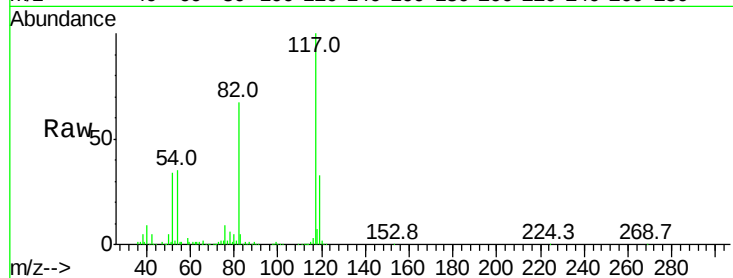




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.41 min Scan# 3521
Delta R.T. -0.01 min
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Tgt Ion: 117 Resp: 2842612
Ion Ratio Lower Upper
117 100
82 68.1 51.8 77.6
119 32.8 24.2 36.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.23 ppbv
RT: 14.75 min Scan# 4248
Delta R.T. -0.00 min
Lab File: VL031420.D
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Tgt Ion: 95 Resp: 2297133
Ion Ratio Lower Upper
95 100
174 62.0 48.2 72.4
175 4.5 3.6 5.4

