

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041918\
 Data File : VL031897.D
 Acq On : 20 Apr 2018 12:32
 Operator : SY/AP
 Sample : QC040218 CAN 10280
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040218 CAN 10280

Manual Integrations
 APPROVED

sam
 4/23/2018 12:50:49 PM

Quant Time: Apr 21 02:29:55 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr 13 16:50:02 2018
 QLast Update : Fri Apr 13 16:50:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.88	49	1087008	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2510916	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.38	117	2453908	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	1988575	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	4.02	43	32836m	0.20	ppbv	
20) Methylene Chloride	4.52	84	69488	1.14	ppbv #	82

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

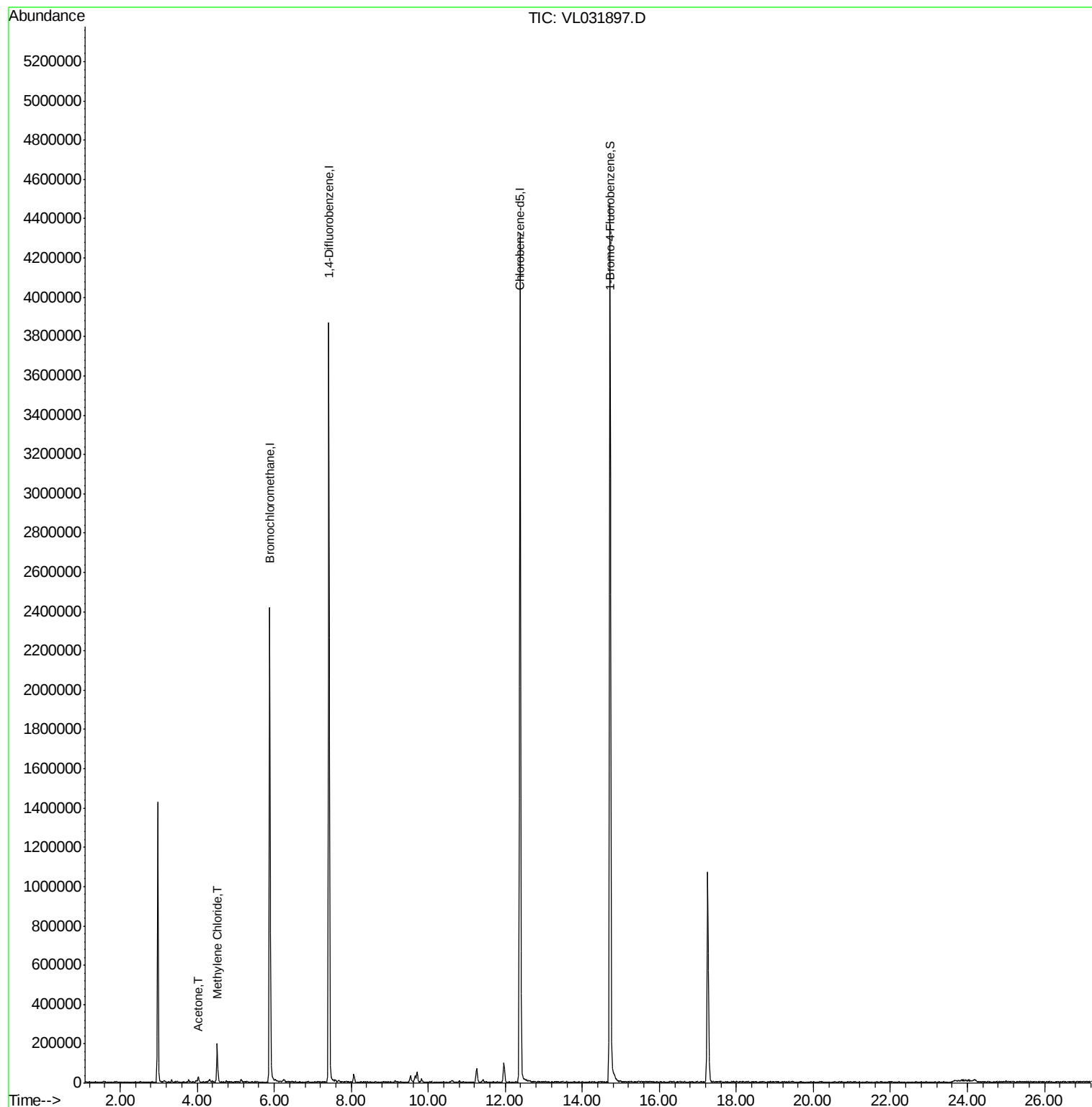
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041918\
Data File : VL031897.D
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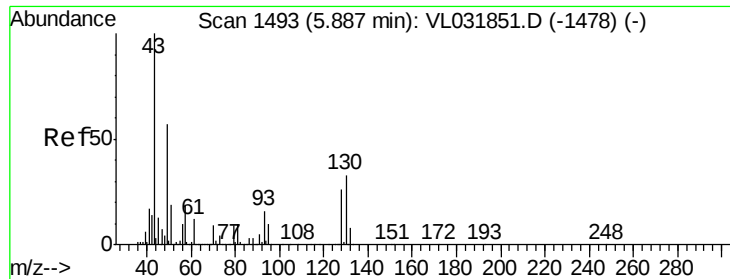
Instrument :
MSVOA_L
ClientSampleId :
QC040218 CAN 10280

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Quant Time: Apr 21 02:29:55 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.88 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VL031897.D

Acq: 20 Apr 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

QC040218 CAN 10280

Tot Ion: 49 Resp: 1087008

Ion Ratio Lower Upper

49 100

128 49.3 23.9 71.7

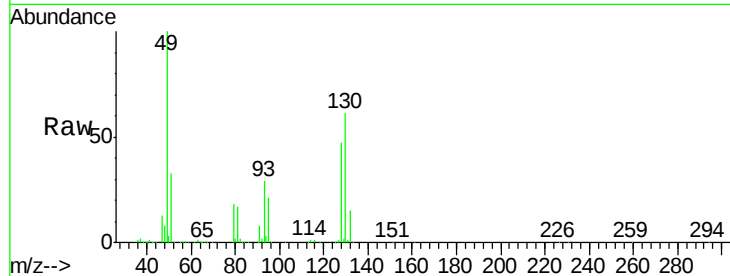
130 63.3 30.9 92.7

Manual Integrations

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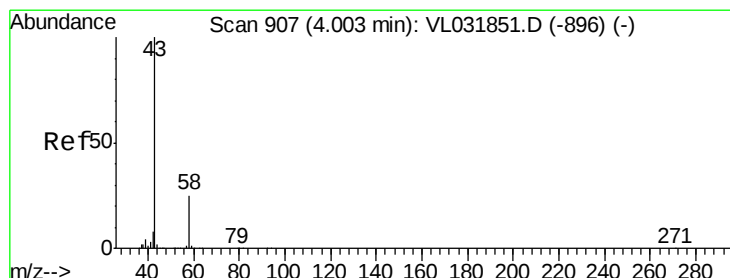
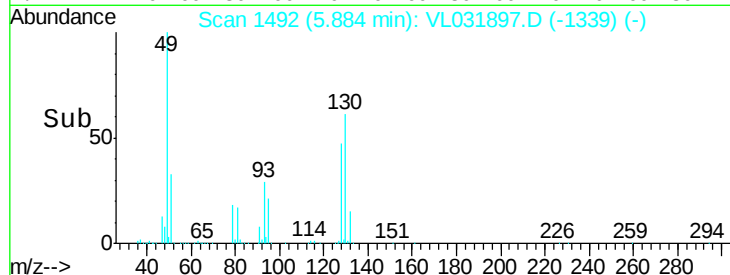
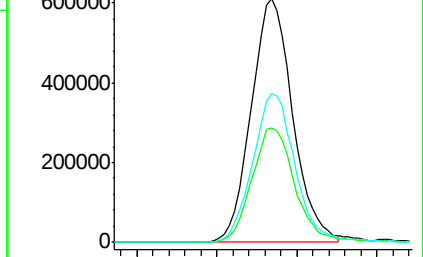
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.20 ppbv m

RT: 4.02 min Scan# 911

Delta R.T. 0.01 min

Lab File: VL031897.D

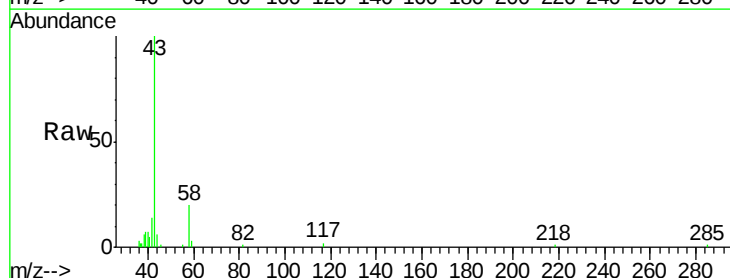
Acq: 20 Apr 2018 12:32

Tgt Ion: 43 Resp: 32836

Ion Ratio Lower Upper

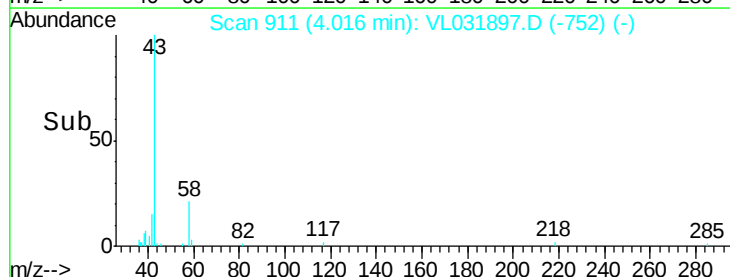
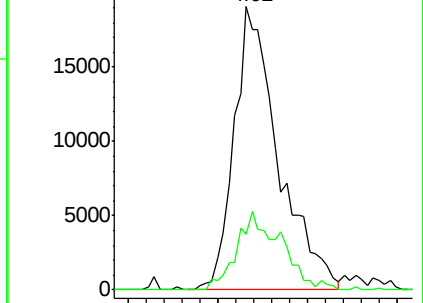
43 100

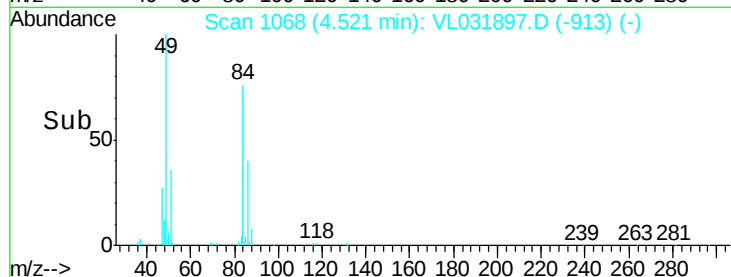
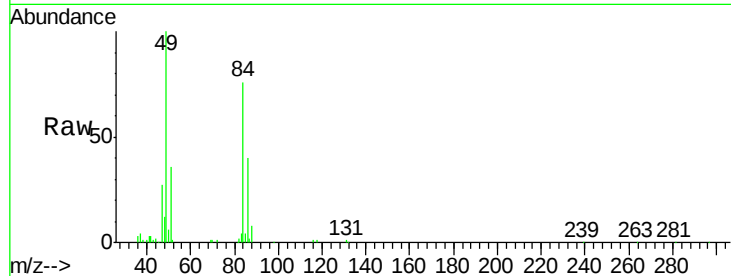
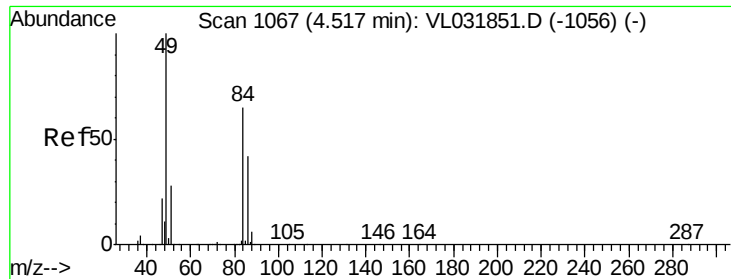
58 27.9 20.9 31.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





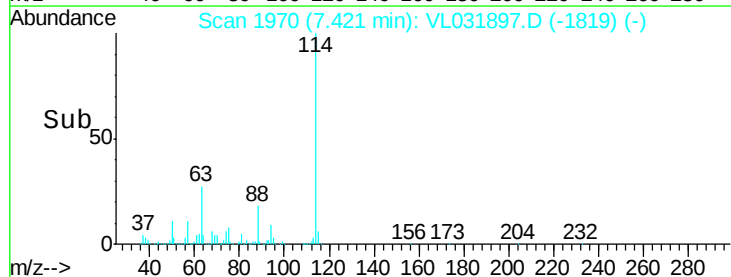
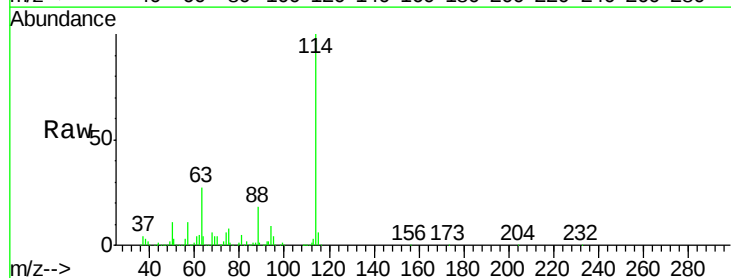
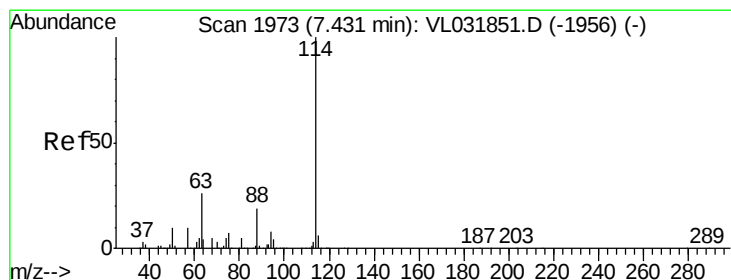
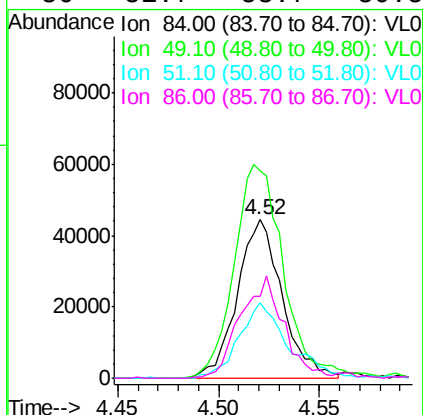
#20
Methvlene Chloride
Concen: 1.14 ppbv
RT: 4.52 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VL031897.D
Acq: 20 Apr 2018 12:32

Tot Ion	84	Resp	69488
Ion Ratio	Lower	Upper	
84	100		
49	130.4	125.6	188.4
51	49.1	36.4	54.6
86	51.7	53.7	80.5#

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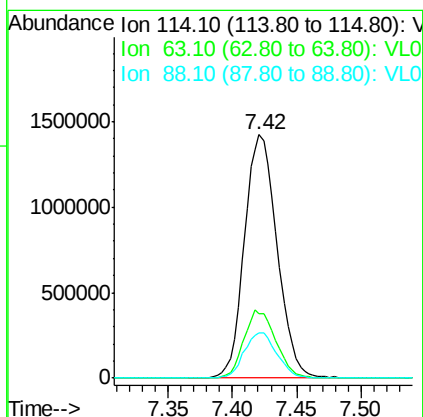
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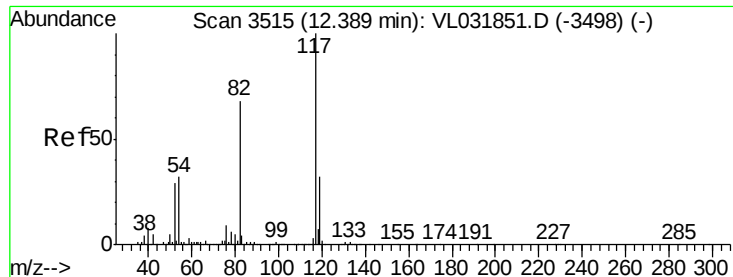
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VL031897.D
Acq: 20 Apr 2018 12:32

Tgt Ion	114	Resp	2510916
Ion Ratio	Lower	Upper	
114	100		
63	27.5	21.8	32.6
88	18.7	14.6	22.0





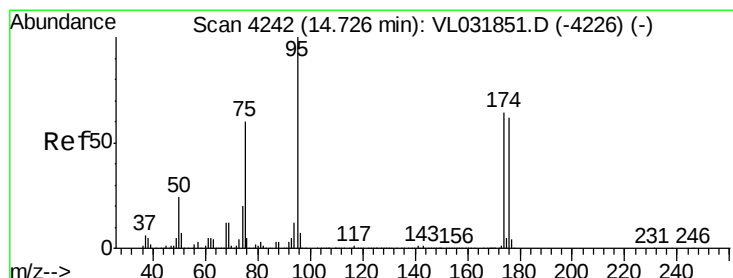
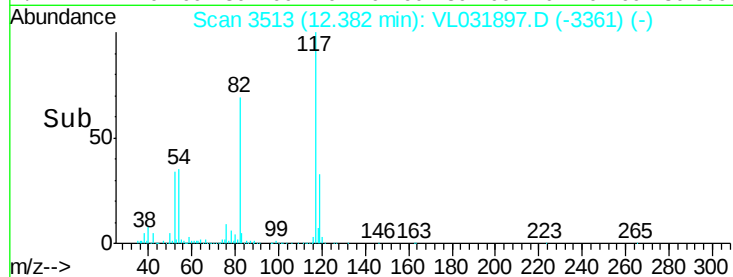
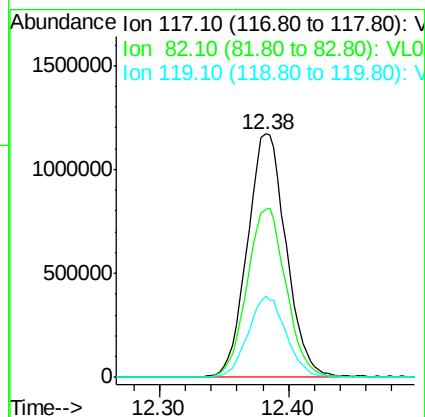
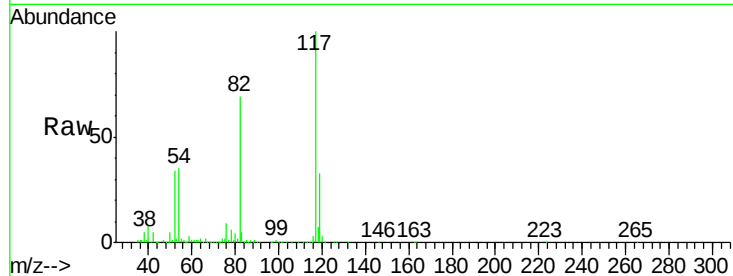
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.38 min Scan# 3513
Delta R.T. -0.01 min
Lab File: VL031897.D
Acq: 20 Apr 2018 12:32

Instrument :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	70.4	54.6	81.8
119	32.9	26.0	39.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.08 ppbv
RT: 14.72 min Scan# 4240
Delta R.T. -0.01 min
Lab File: VL031897.D
Acq: 20 Apr 2018 12:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.3	52.3	78.5
175	4.6	3.9	5.9

