

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101718\
 Data File : VL032643.D
 Acq On : 17 Oct 2018 16:21
 Operator : SY/AP
 Sample : J5500-02DL2 1300X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS04-MIVIDL2

Quant Time: Oct 18 10:29:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Oct 17 08:55:11 2018
 QLast Update : Wed Oct 17 08:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1124599	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	2412388	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.26	117	2331691	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.60	95	1803769	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

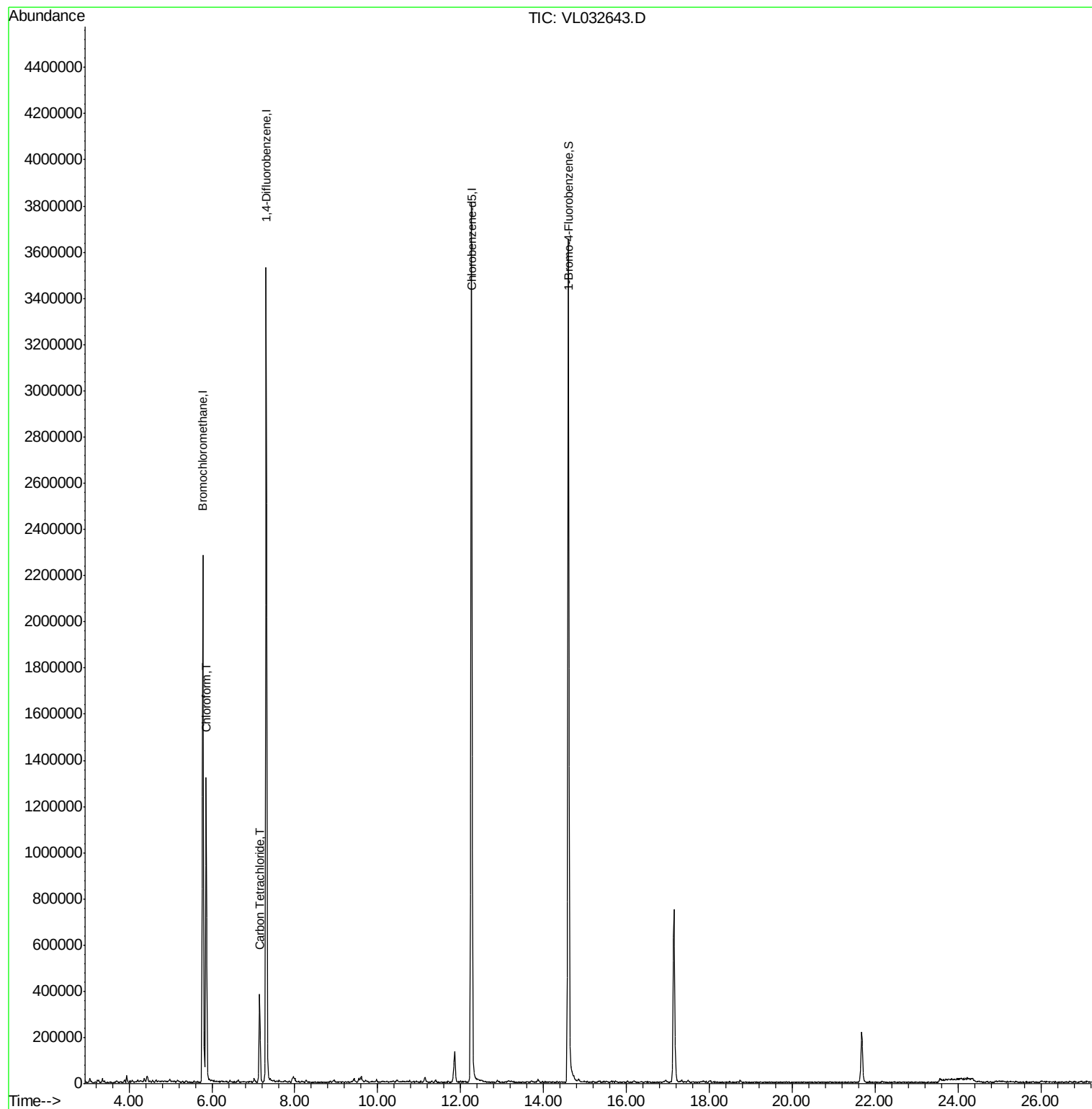
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
29) Chloroform	5.86	83	908177	4.86	ppbv	96
35) Carbon Tetrachloride	7.15	117	219706	1.18	ppbv	97

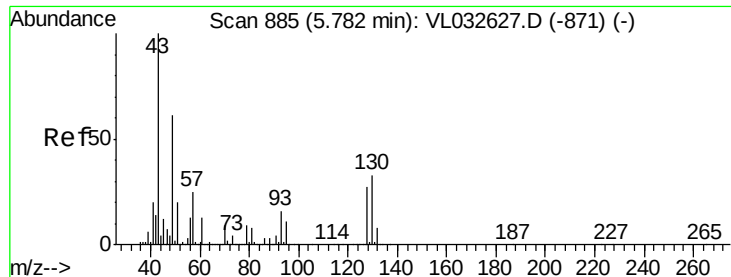
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.78 min Scan# 884

Delta R.T. -0.00 min

Lab File: VL032643.D

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Instrument :

MSVOA_L

ClientSampleId :

SS04-MIVIDL2

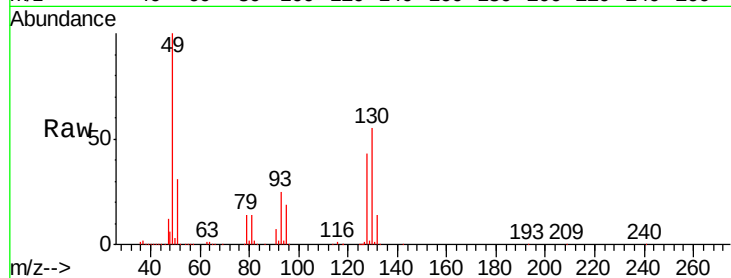
Tgt Ion: 49 Resp: 1124599

Ion Ratio Lower Upper

49 100

128 44.9 22.3 66.8

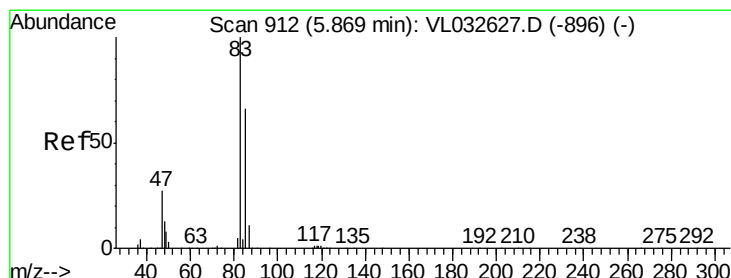
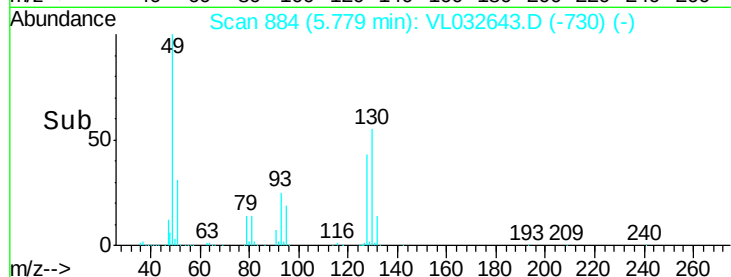
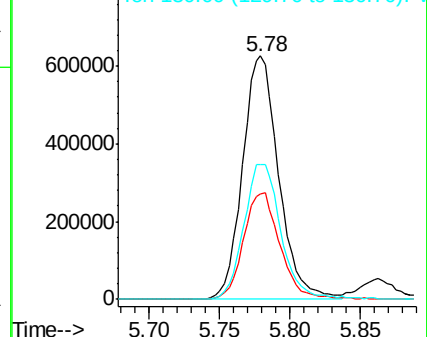
130 57.4 28.4 85.3



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



#29

Chloroform

Concen: 4.86 ppbv

RT: 5.86 min Scan# 910

Delta R.T. -0.01 min

Lab File: VL032643.D

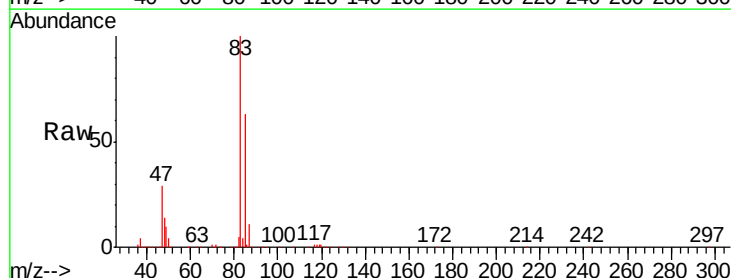
Acq: 17 Oct 2018 16:21

Tgt Ion: 83 Resp: 908177

Ion Ratio Lower Upper

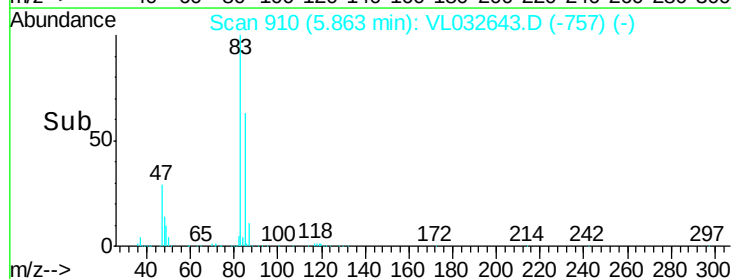
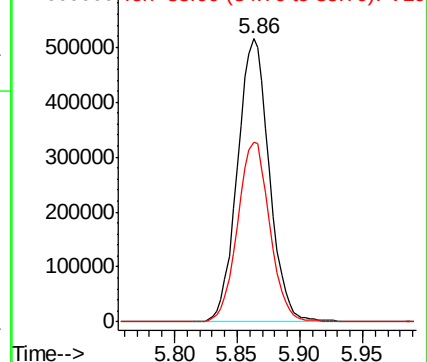
83 100

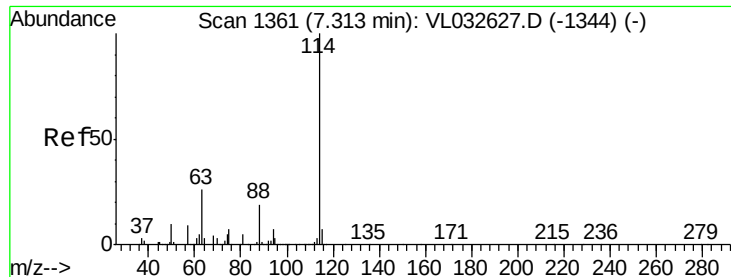
85 63.3 53.0 79.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

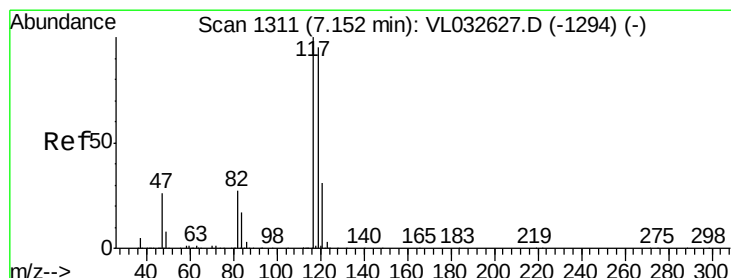
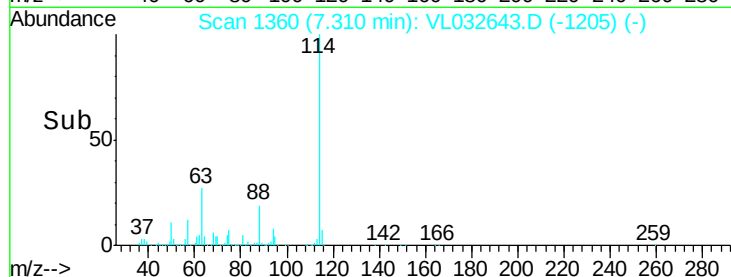
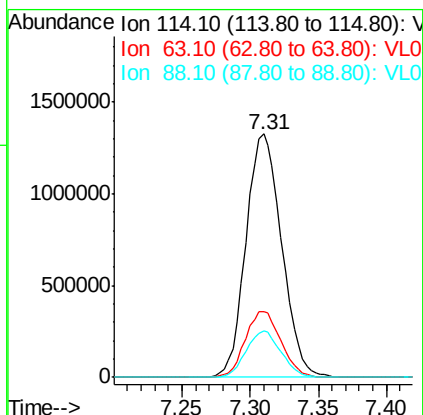
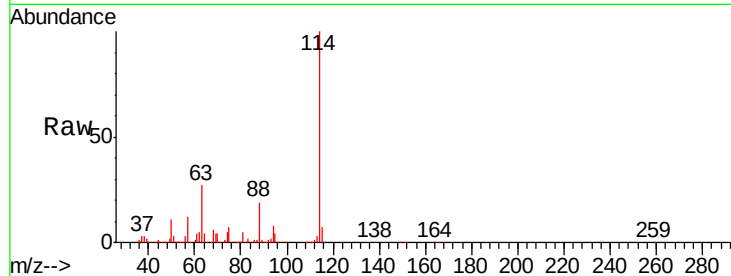




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.31 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: VL032643.D
 Acq: 17 Oct 2018 16:21

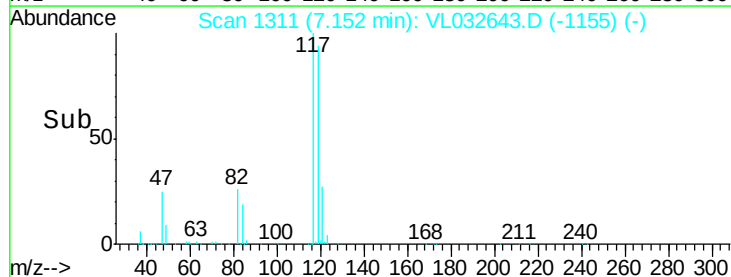
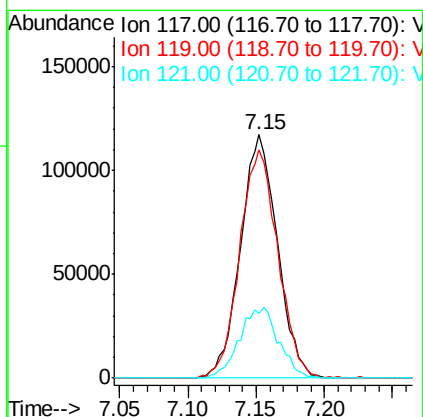
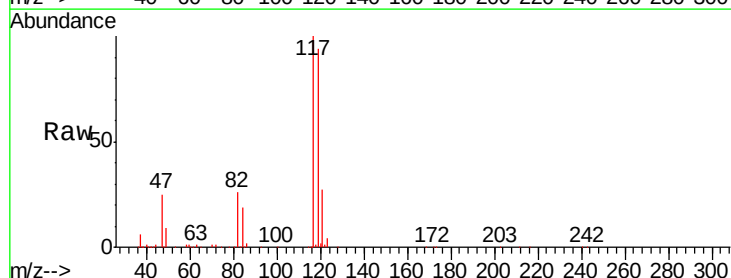
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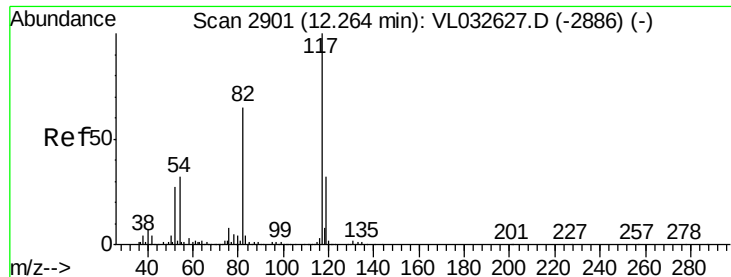
Tgt Ion:114 Resp: 2412388
 Ion Ratio Lower Upper
 114 100
 63 27.2 21.7 32.5
 88 18.7 14.9 22.3



#35
 Carbon Tetrachloride
 Concen: 1.18 ppbv
 RT: 7.15 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: VL032643.D
 Acq: 17 Oct 2018 16:21

Tgt Ion:117 Resp: 219706
 Ion Ratio Lower Upper
 117 100
 119 93.4 75.7 113.5
 121 26.5 24.7 37.1

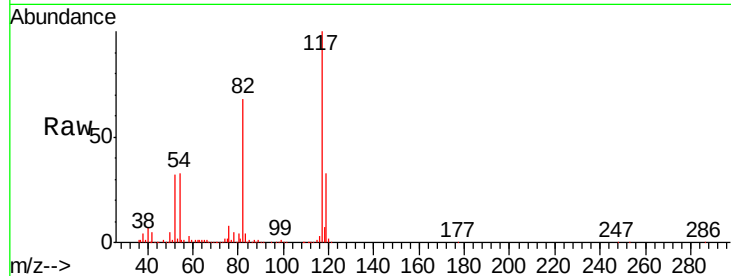




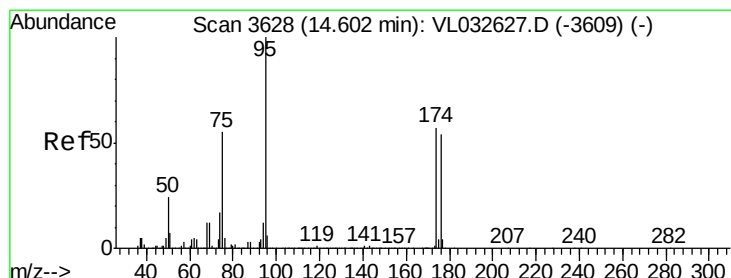
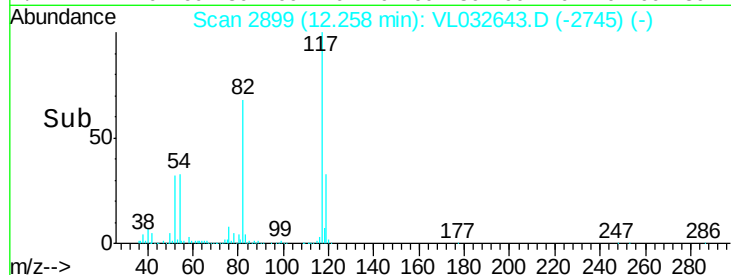
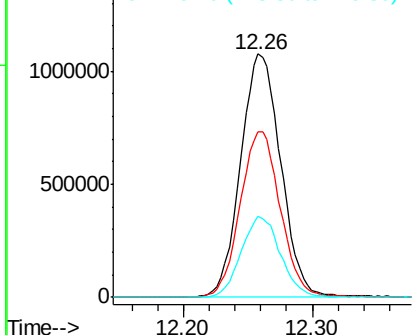
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.26 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

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Tgt Ion: 117 Resp: 2331691
Ion Ratio Lower Upper
117 100
82 68.6 52.7 79.1
119 32.7 26.7 40.1

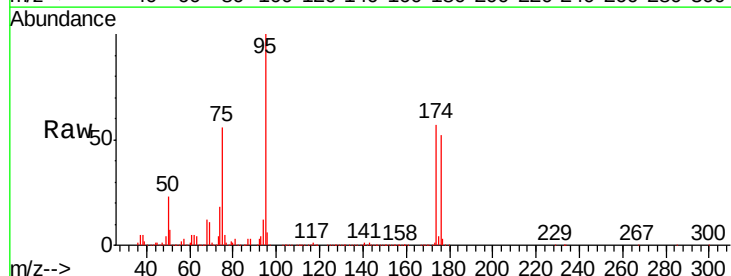


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.27 ppbv
RT: 14.60 min Scan# 3627
Delta R.T. -0.00 min
Lab File: VL032643.D
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Tgt Ion: 95 Resp: 1803769
Ion Ratio Lower Upper
95 100
174 57.8 46.0 69.0
175 4.1 3.4 5.0



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

