

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121118\
 Data File : VL032976.D
 Acq On : 12 Dec 2018 5:02
 Operator : SY/AP
 Sample : J6262-03DL 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Quant Time: Dec 12 06:29:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	966649	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2448648	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2347043	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1850352	10.67	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.70%

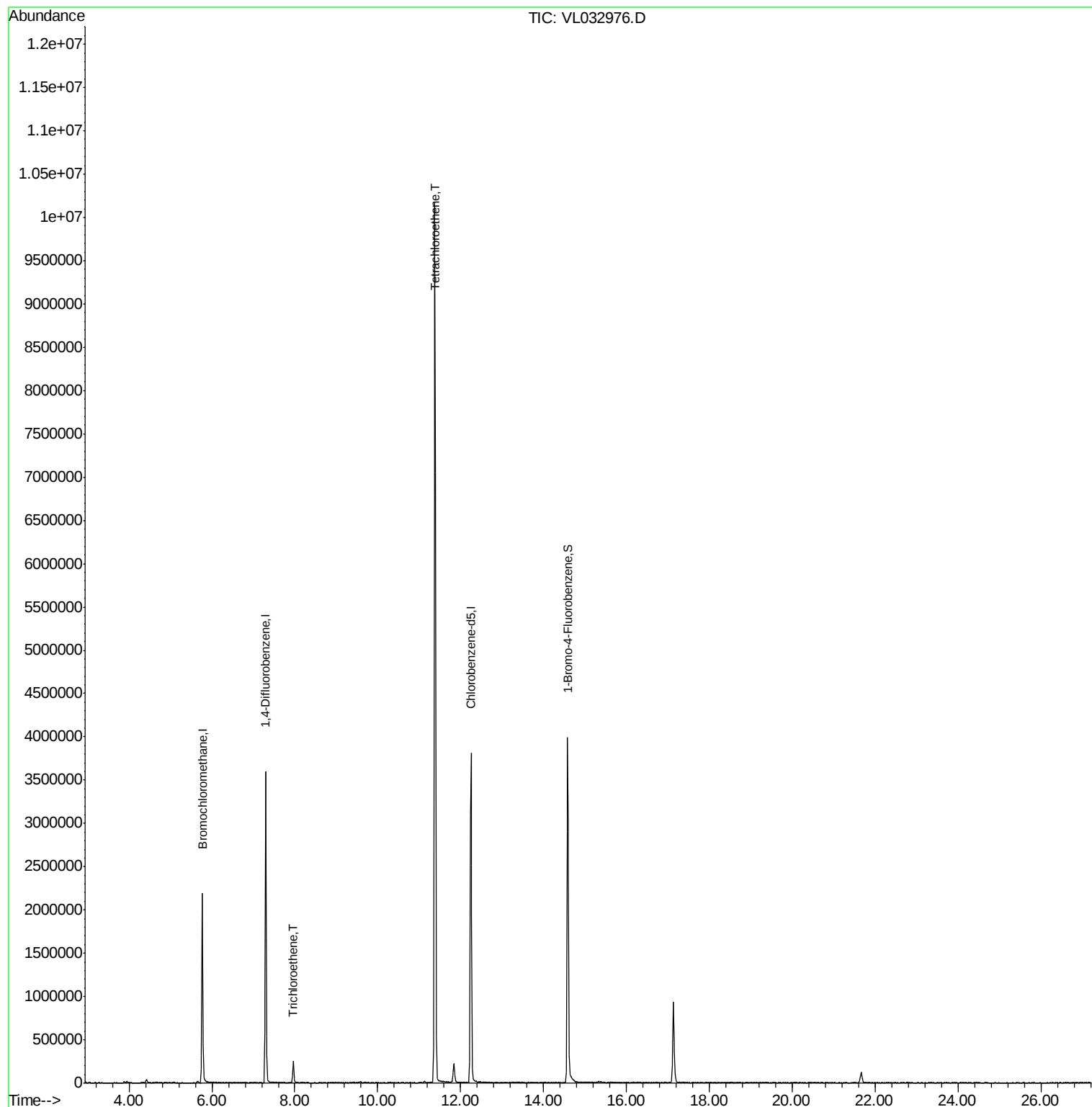
Target Compounds					Ovalue
38) Trichloroethene	7.97	130	70886	0.946 ppbv	93
52) Tetrachloroethene	11.38	164	2439762	37.241 ppbv	97

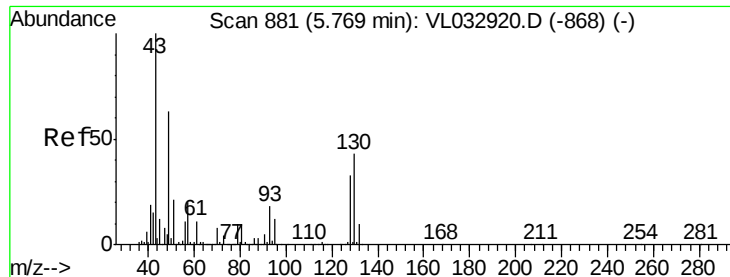
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL032976.D

Acq: 12 Dec 2018 5:02

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

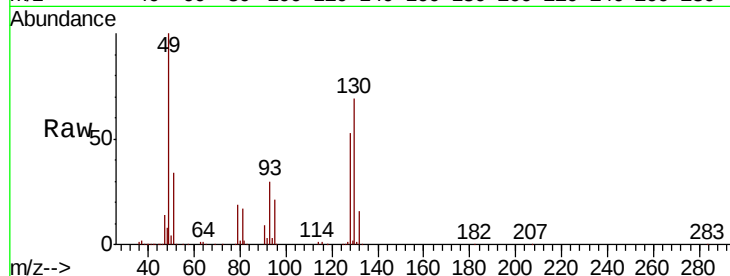
Tot Ion: 49 Resp: 966649

Ion Ratio Lower Upper

49 100

128 52.2 26.3 78.8

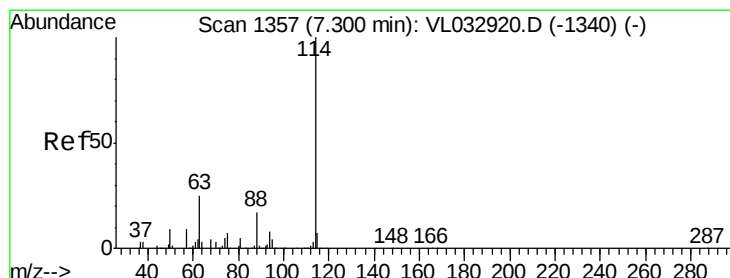
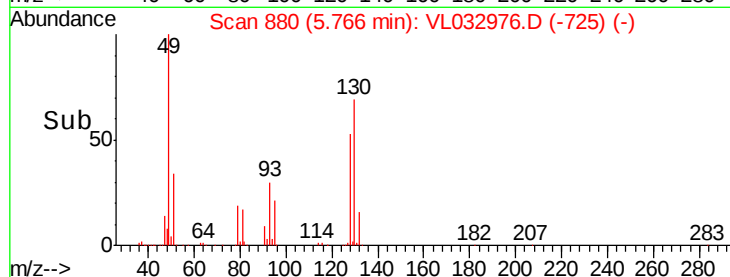
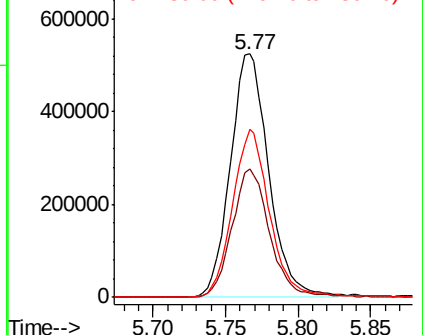
130 66.9 33.9 101.7



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VL032976.D

Acq: 12 Dec 2018 5:02

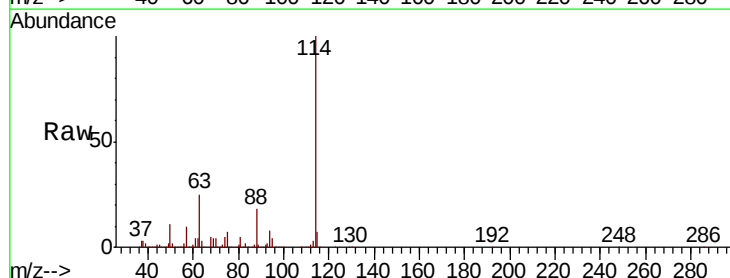
Tgt Ion: 114 Resp: 2448648

Ion Ratio Lower Upper

114 100

63 25.2 20.1 30.1

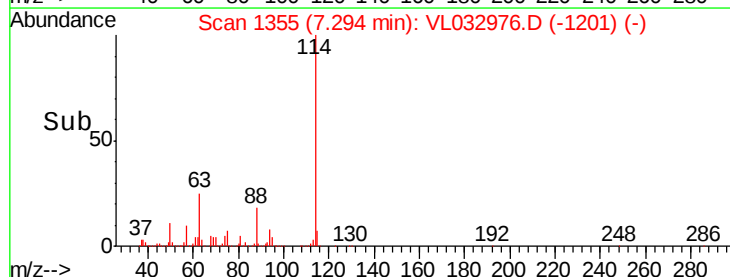
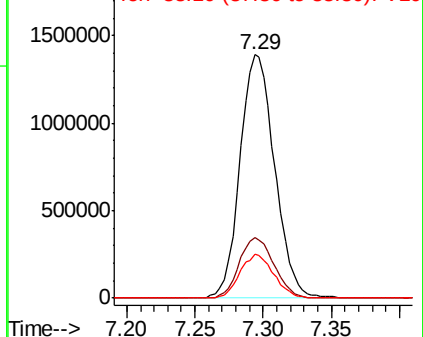
88 17.7 14.2 21.4

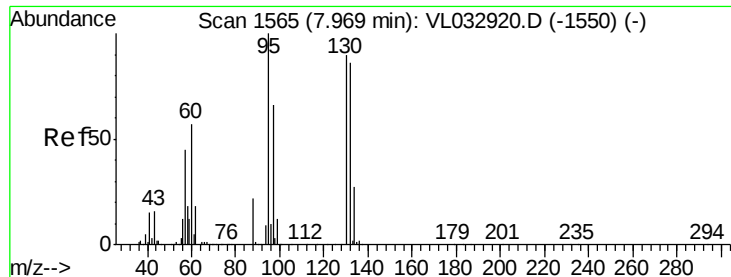


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#38

Trichloroethene

Concen: 0.946 ppbv

RT: 7.97 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VL032976.D

Acq: 12 Dec 2018 5:02

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tot Ion:130 Resp: 70886

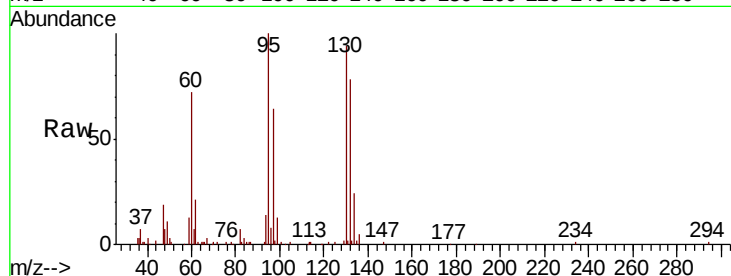
Ion Ratio Lower Upper

130 100

95 104.8 88.6 132.8

132 82.9 76.1 114.1

97 70.3 58.0 87.0

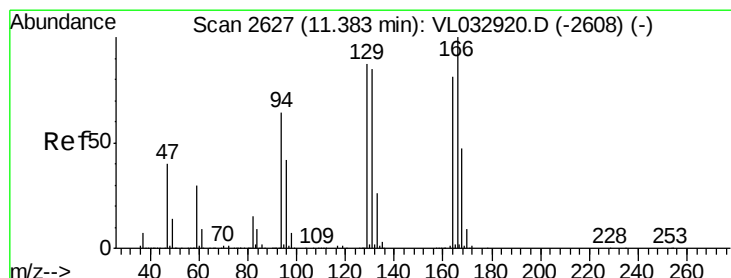
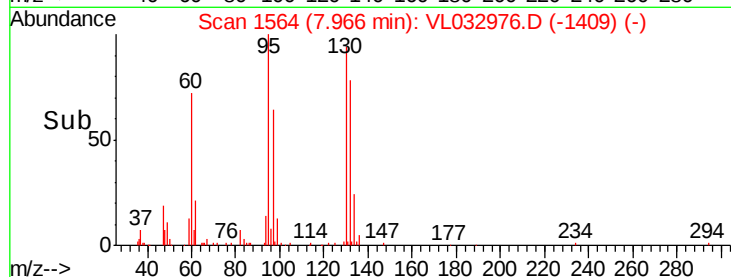
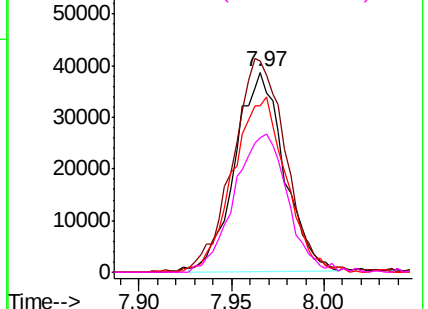


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#52

Tetrachloroethene

Concen: 37.241 ppbv

RT: 11.38 min Scan# 2626

Delta R.T. -0.00 min

Lab File: VL032976.D

Acq: 12 Dec 2018 5:02

Tgt Ion:164 Resp: 2439762

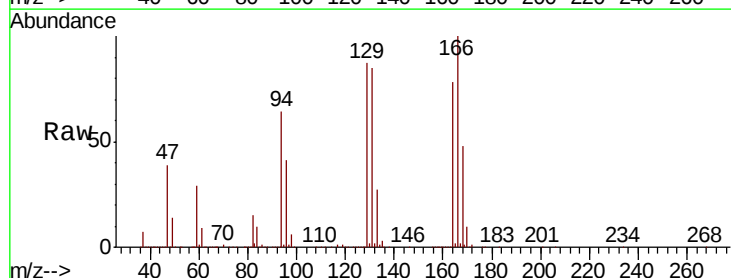
Ion Ratio Lower Upper

164 100

166 127.4 98.8 148.2

129 111.2 85.5 128.3

131 107.7 84.4 126.6

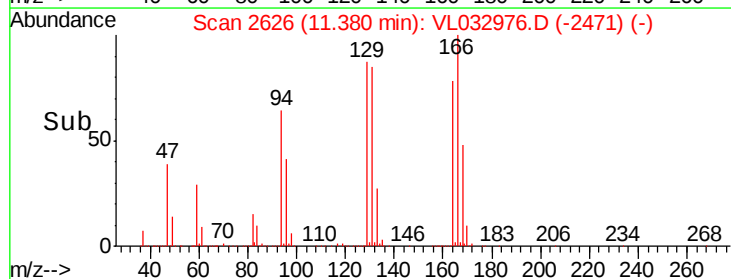
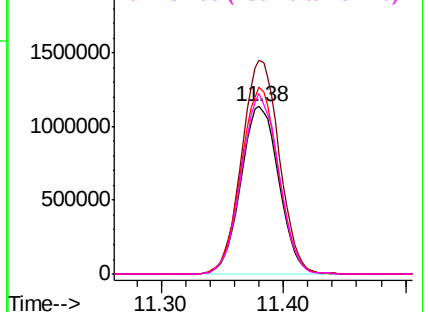


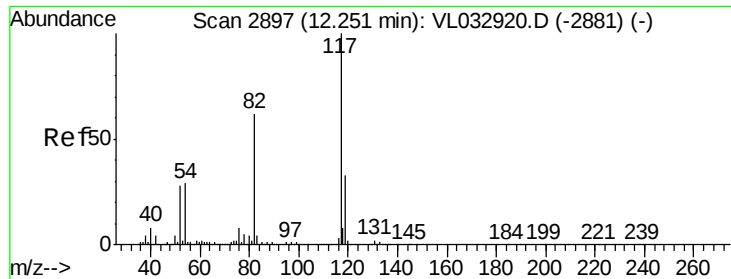
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

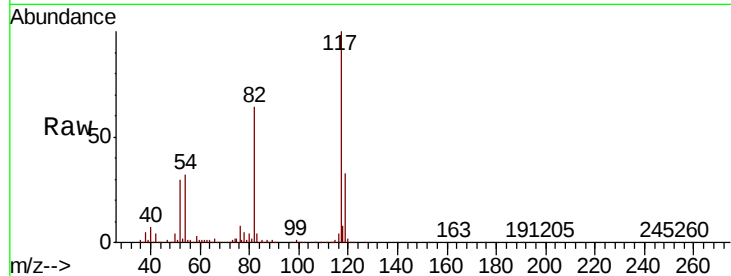




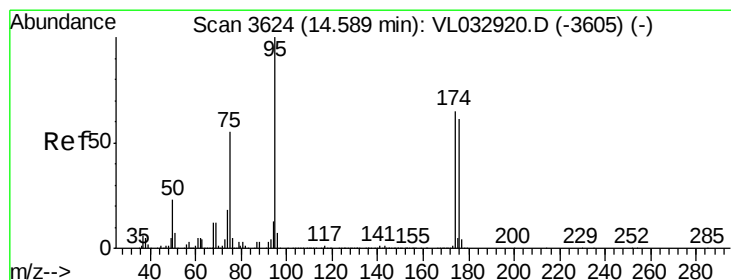
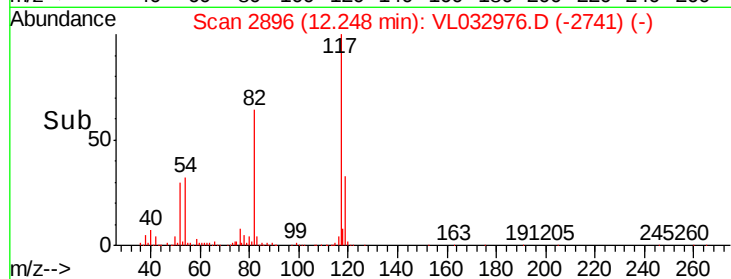
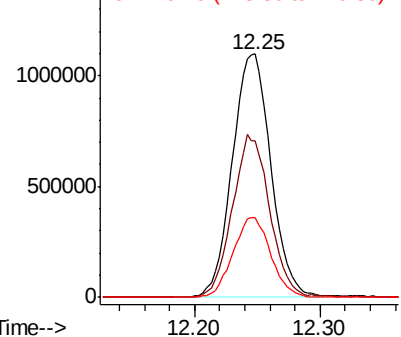
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL032976.D
Acq: 12 Dec 2018 5:02

Instrument :
MSVOA_L
ClientSampled :
SV1DL

Tot Ion:117 Resp: 2347043
Ion Ratio Lower Upper
117 100
82 65.0 47.8 71.8
119 32.3 43.1 64.7#

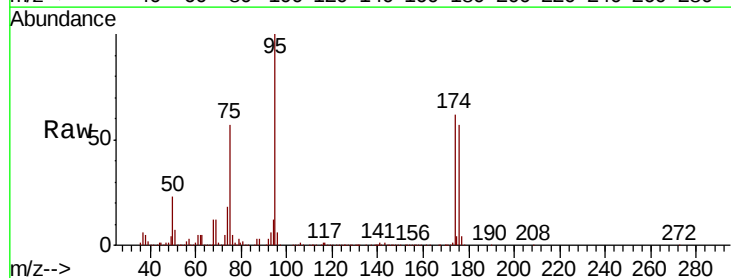


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.671 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032976.D
Acq: 12 Dec 2018 5:02

Tgt Ion: 95 Resp: 1850352
Ion Ratio Lower Upper
95 100
174 63.8 51.4 77.0
175 4.7 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

