

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112718\
Data File : VL032809.D
Acq On : 27 Nov 2018 16:13
Operator : SY/AP
Sample : VL1127ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABL01

Manual Integrations
APPROVED

MMDadoda
11/28/2018 4:21:23 PM

Quant Time: Nov 28 03:30:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1302953	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3390187	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3177143	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2294173	9.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%

Target Compounds					Qvalue
15) Acetone	3.94	43	24478m	0.21	ppbv
20) Methylene Chloride	4.42	84	17147m	0.28	ppbv

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

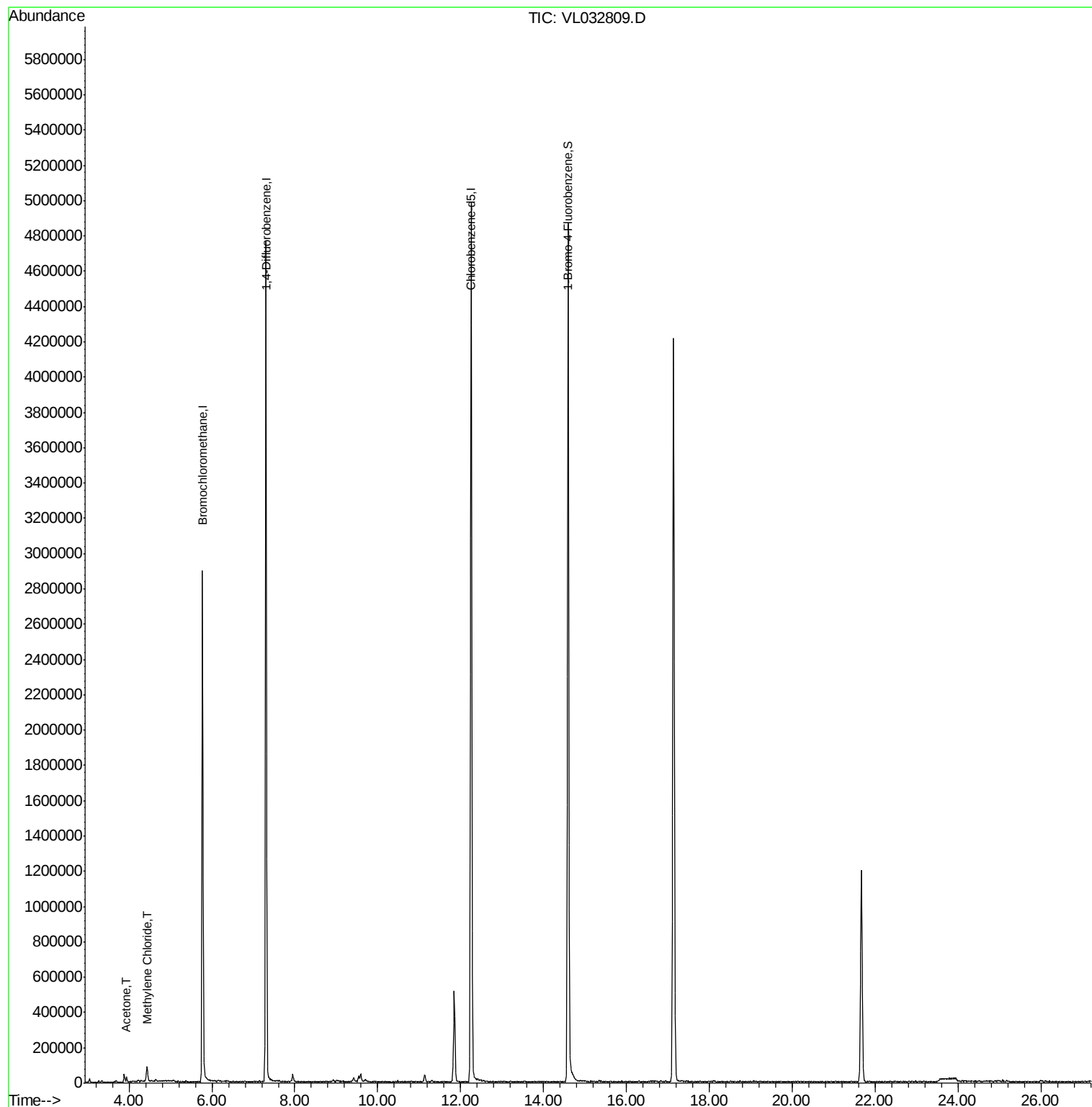
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL112718\
Data File : VL032809.D
Acq On : 27 Nov 2018 16:13
Operator : SY/AP
Sample : VL1127ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

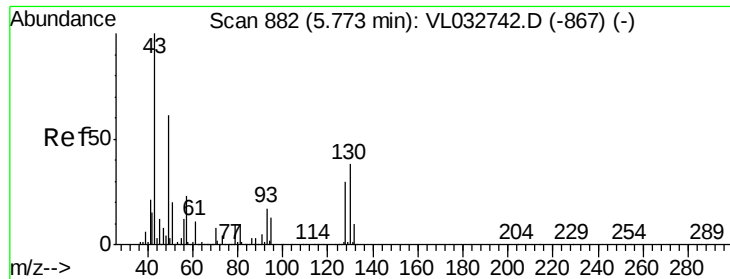
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABL01

Manual Integrations
APPROVED

MMDadoda
11/28/2018 4:21:23 PM

Quant Time: Nov 28 03:30:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.00 min

Lab File: VL032809.D

Acq: 27 Nov 2018 16:13

Instrument :

MSVOA_L

ClientSampleId :

VL1127ABL01

Tgt Ion: 49 Resp: 1302953

Ion Ratio Lower Upper

49 100

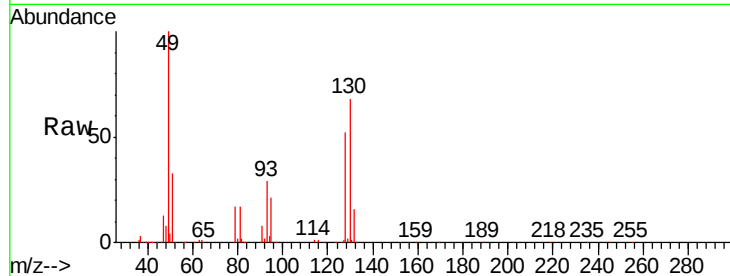
128 53.0 24.9 74.6

130 67.6 31.4 94.2

Manual Integrations
APPROVED

MMDadoda

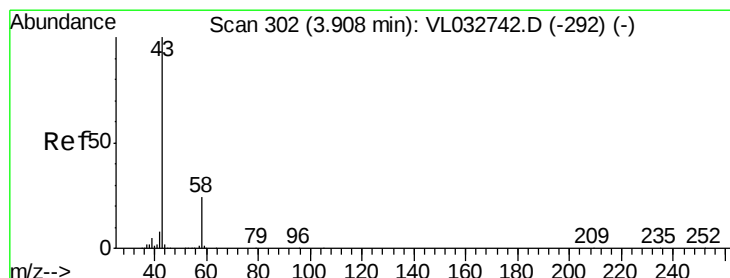
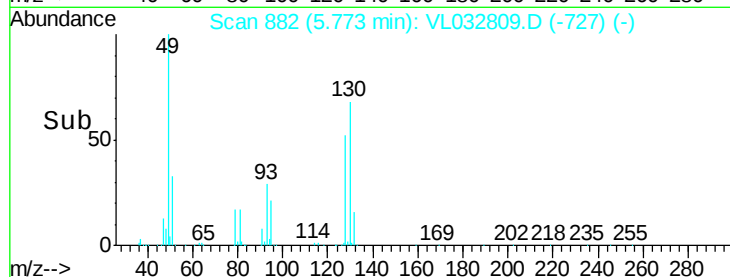
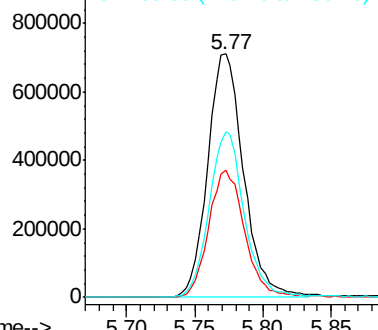
11/28/2018 4:21:23 PM



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: 0.21 ppbv m

RT: 3.94 min Scan# 312

Delta R.T. 0.03 min

Lab File: VL032809.D

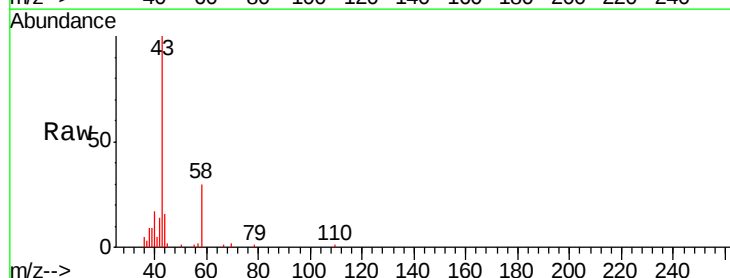
Acq: 27 Nov 2018 16:13

Tgt Ion: 43 Resp: 24478

Ion Ratio Lower Upper

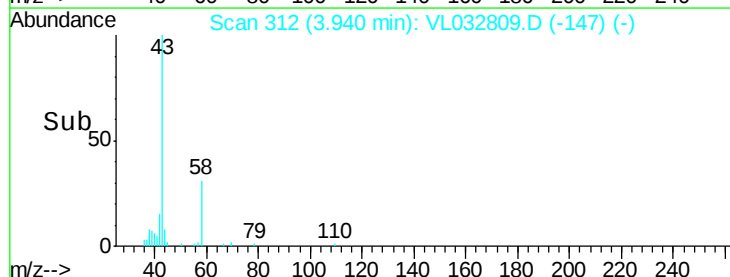
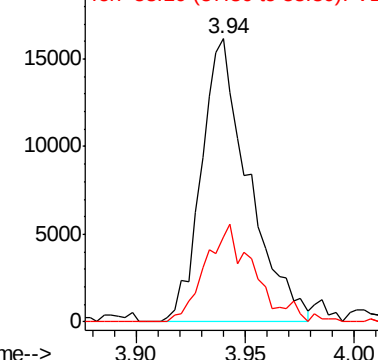
43 100

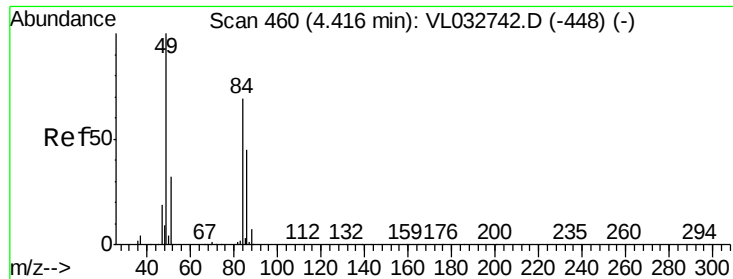
58 0.0 21.1 31.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





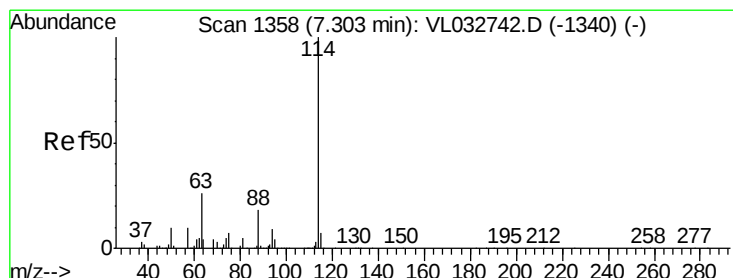
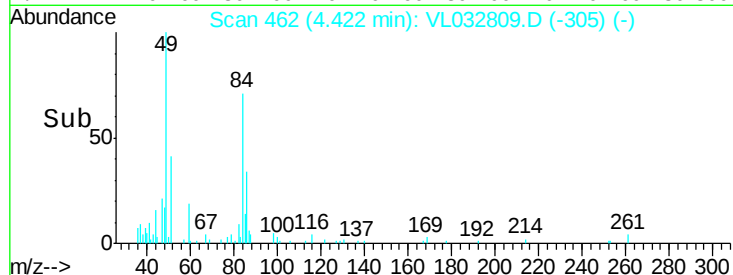
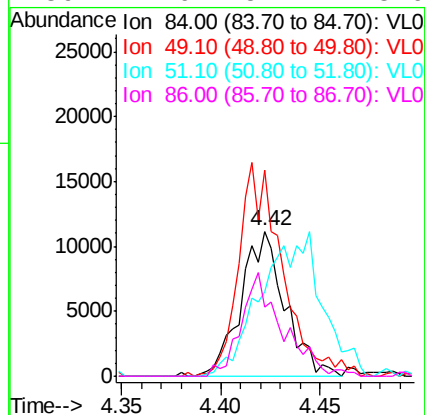
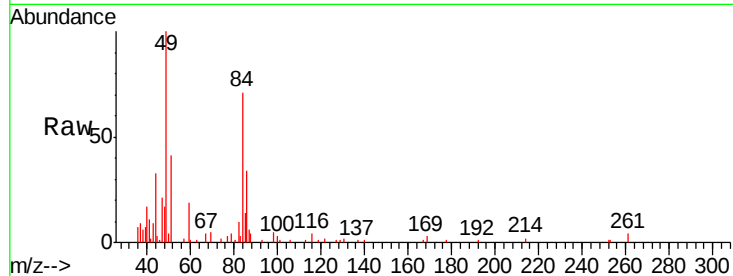
#20
Methylene Chloride
Concen: 0.28 ppbv m
RT: 4.42 min Scan# 462
Delta R.T. 0.01 min
Lab File: VL032809.D
Acq: 27 Nov 2018 16:13

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABL01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.8	115.8	173.6
51	58.2	36.9	55.3#
86	47.6	52.4	78.6#

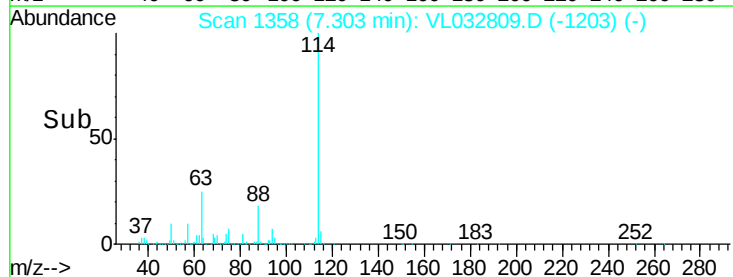
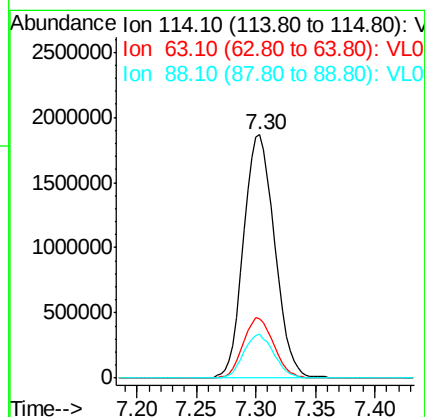
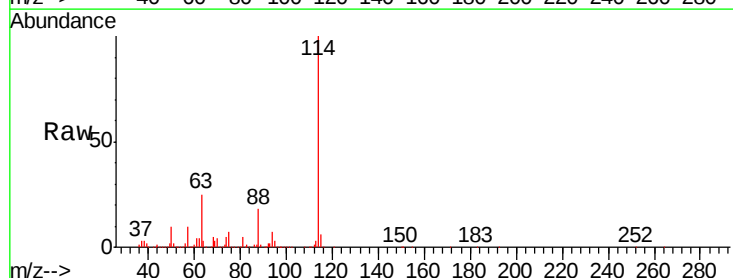
Manual Integrations
APPROVED

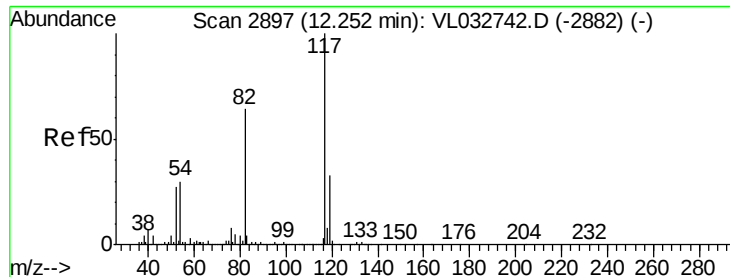
MMDadoda
11/28/2018 4:21:23 PM



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VL032809.D
Acq: 27 Nov 2018 16:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.5	20.9	31.3
88	17.6	14.4	21.6





#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.25 min Scan# 2897

Delta R.T. -0.00 min

Lab File: VL032809.D

Acq: 27 Nov 2018 16:13

Instrument :

MSVOA_L

ClientSampleId :

VL1127ABL01

Tgt Ion: 117 Resp: 3177143

Ion Ratio Lower Upper

117 100

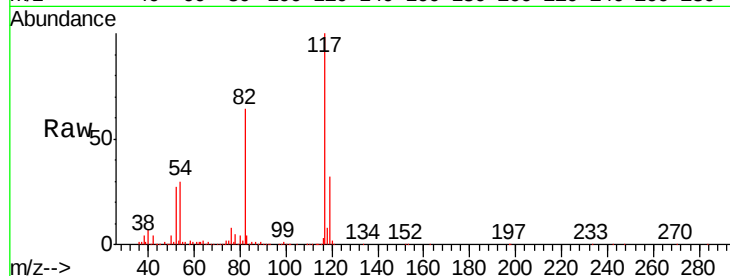
82 63.7 51.0 76.6

119 32.8 28.0 42.0

Manual Integrations
APPROVED

MMDadoda

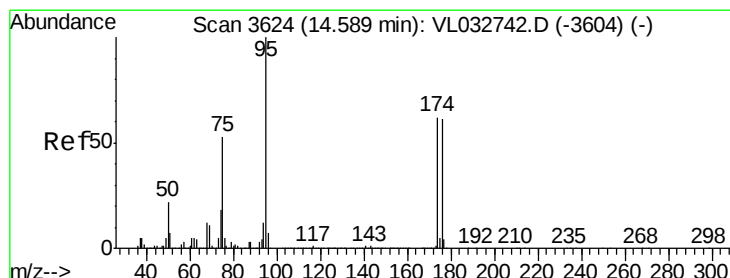
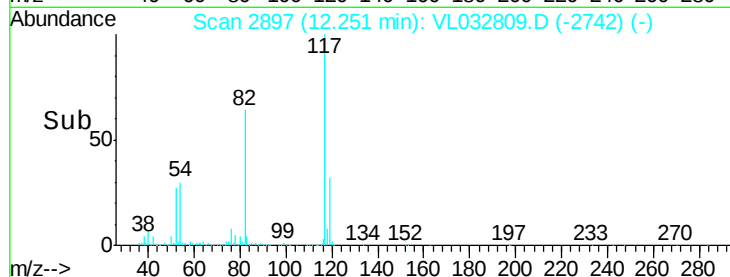
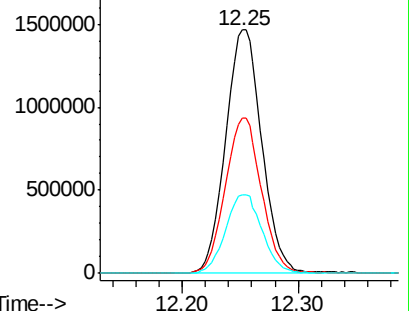
11/28/2018 4:21:23 PM



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: 9.65 ppbv

RT: 14.59 min Scan# 3624

Delta R.T. -0.00 min

Lab File: VL032809.D

Acq: 27 Nov 2018 16:13

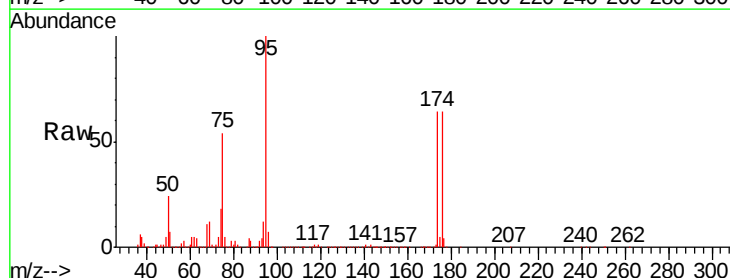
Tgt Ion: 95 Resp: 2294173

Ion Ratio Lower Upper

95 100

174 66.3 50.7 76.1

175 5.0 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

