

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050620\
 Data File : VL034946.D
 Acq On : 6 May 2020 17:34
 Operator : SY/AP
 Sample : QC040320 CAN 10599
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040320 CAN 10599

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 2:30:29 PM

Quant Time: May 07 06:57:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1173605	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2597626	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2417443	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1994325m	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	21534	0.139	ppbv	# 53
20) Methylene Chloride	4.32	84	5743m	0.112	ppbv	

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

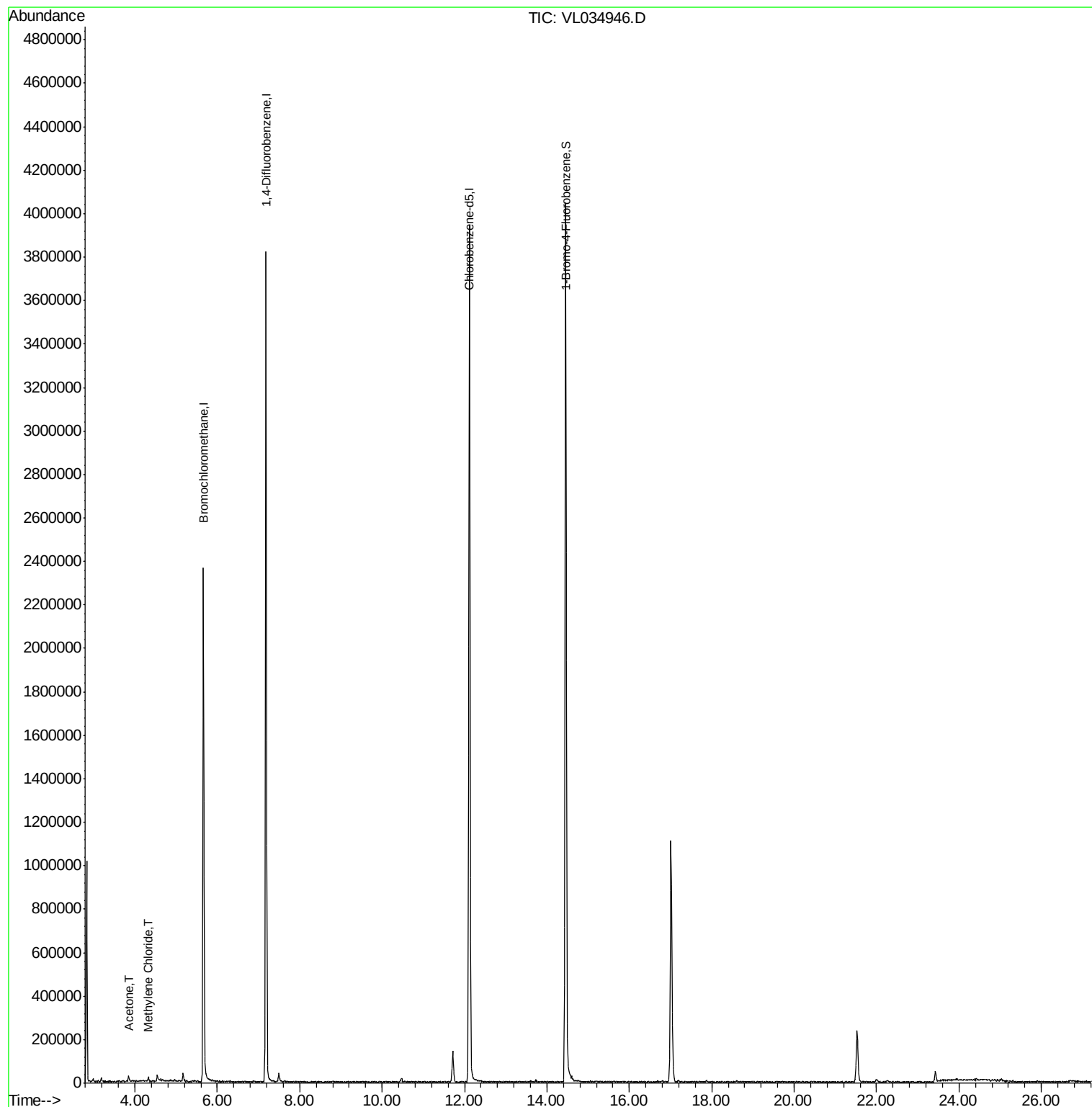
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL050620\
Data File : VL034946.D
Acq On : 6 May 2020 17:34
Operator : SY/AP
Sample : OC040320 CAN 10599
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

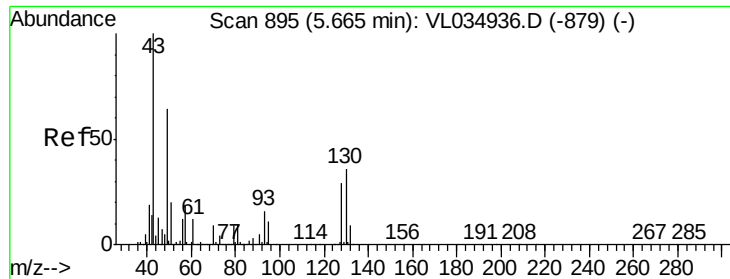
Instrument :
MSVOA_L
ClientSampleId :
QC040320 CAN 10599

Manual Integrations
APPROVED

MMDadoda
5/7/2020 2:30:29 PM

Quant Time: May 07 06:57:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

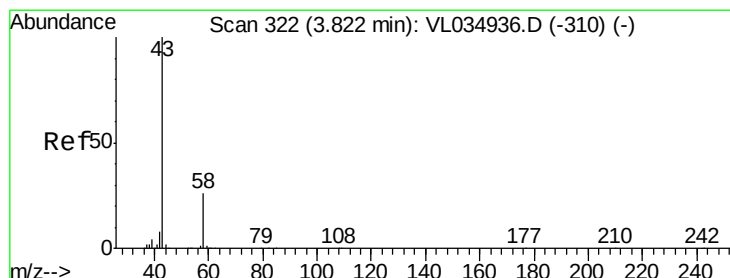
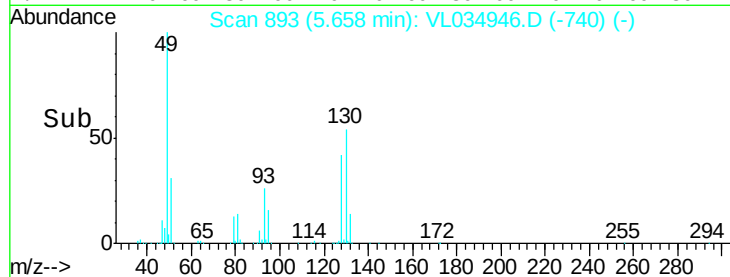
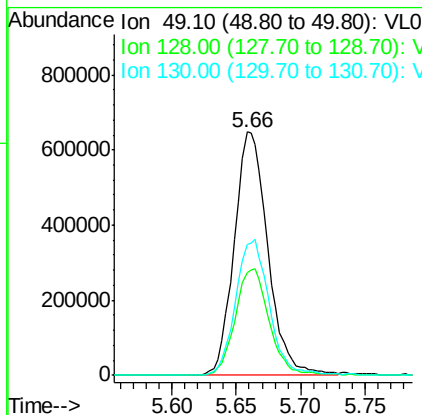
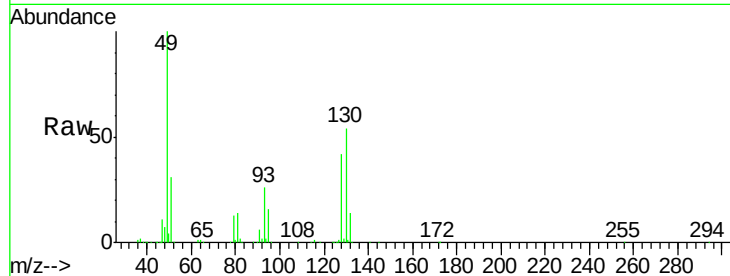
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: VL034946.D
 Acq: 6 May 2020 17:34

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040320 CAN 10599

Tot Ion: 49 Resp: 1173605
 Ion Ratio Lower Upper
 49 100
 128 44.7 22.1 66.5
 130 56.7 29.1 87.3

Manual Integrations
 APPROVED

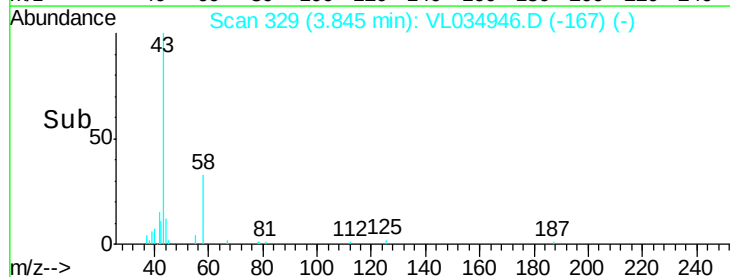
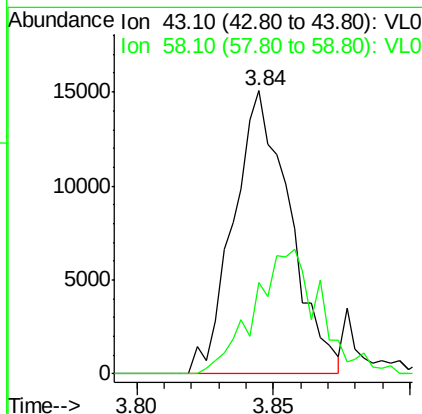
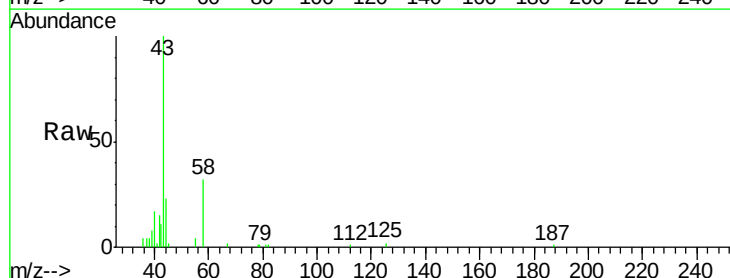
MMDadoda
 5/7/2020 2:30:29 PM

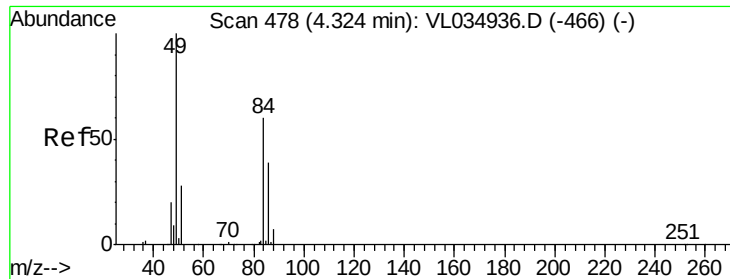


#15

Acetone
 Concen: 0.139 ppbv
 RT: 3.84 min Scan# 329
 Delta R.T. 0.02 min
 Lab File: VL034946.D
 Acq: 6 May 2020 17:34

Tgt Ion: 43 Resp: 21534
 Ion Ratio Lower Upper
 43 100
 58 51.6 21.7 32.5#





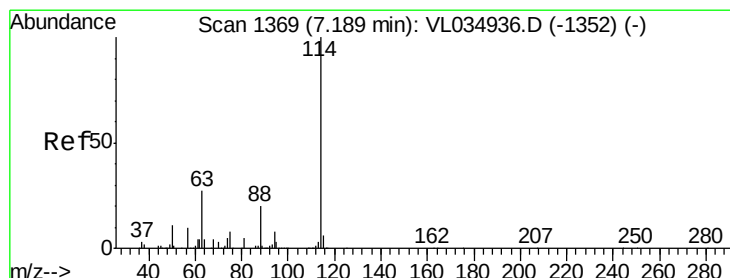
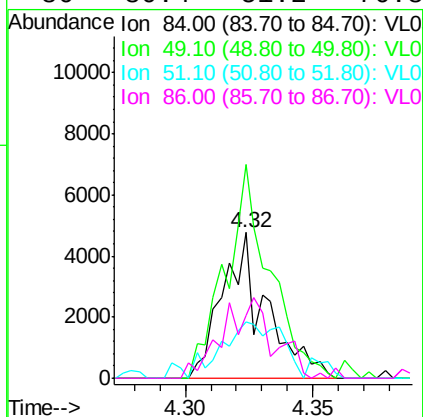
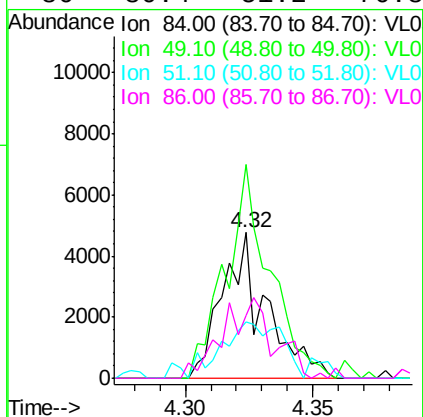
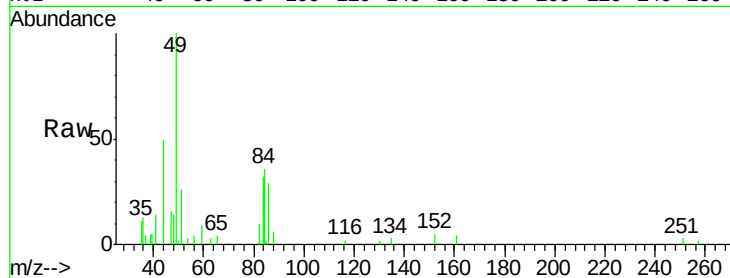
#20
Methylene Chloride
Concen: 0.112 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL034946.D
Acq: 6 May 2020 17:34

Instrument :
MSVOA_L
ClientSampleId :
QC040320 CAN 10599

Tot Ion	Ratio	Lower	Upper
84	100		
49	275.5	132.5	198.7#
51	72.1	38.4	57.6#
86	80.4	51.2	76.8#

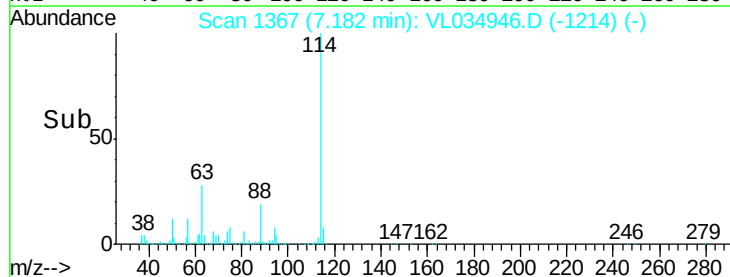
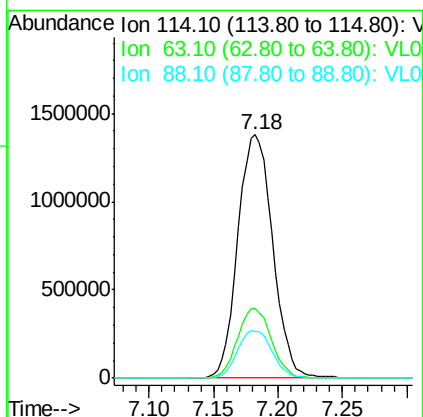
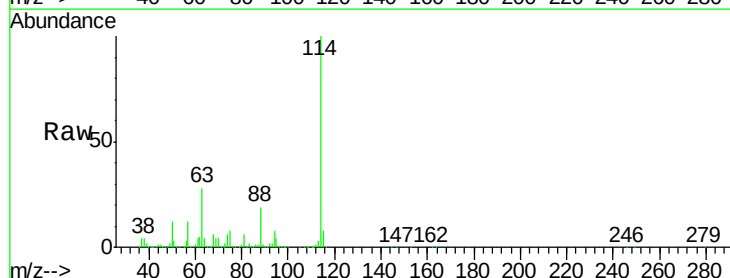
Manual Integrations
APPROVED

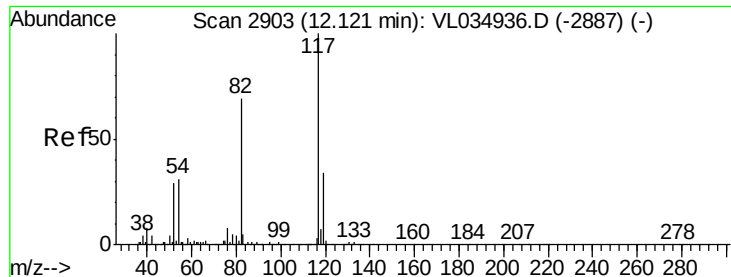
MMDadoda
5/7/2020 2:30:29 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VL034946.D
Acq: 6 May 2020 17:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.2	33.4
88	19.6	15.5	23.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2902

Delta R.T. -0.00 min

Lab File: VL034946.D

Acq: 6 May 2020 17:34

Instrument :

MSVOA_L

ClientSampleId :

QC040320 CAN 10599

Tot Ion:117 Resp: 2417443

Ion Ratio Lower Upper

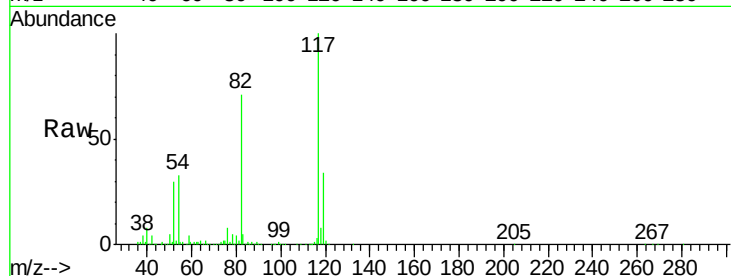
117 100

82 70.2 53.1 79.7

119 33.0 26.7 40.1

Manual Integrations
APPROVED

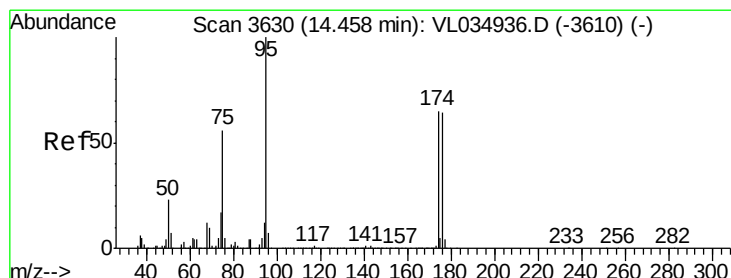
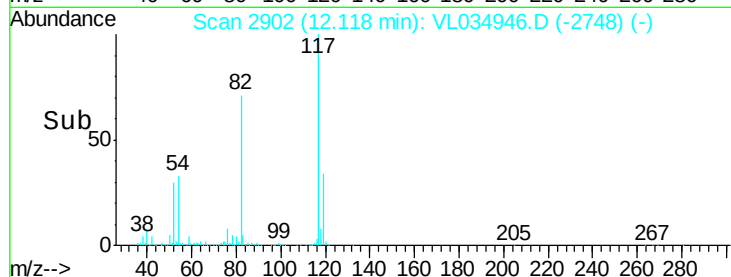
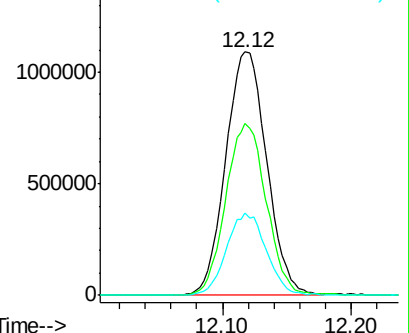
MMDadoda
5/7/2020 2:30:29 PM



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: 10.192 ppbv m

RT: 14.46 min Scan# 3630

Delta R.T. -0.00 min

Lab File: VL034946.D

Acq: 6 May 2020 17:34

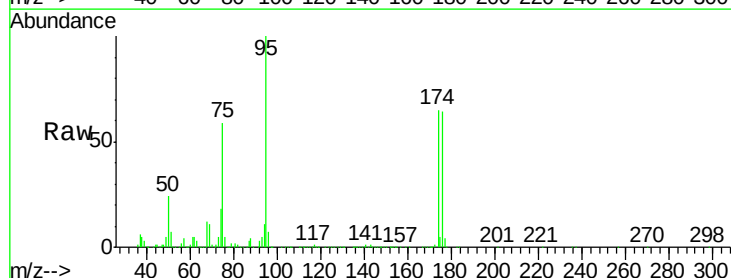
Tgt Ion: 95 Resp: 1994325

Ion Ratio Lower Upper

95 100

174 0.0 51.5 77.3#

175 4.7 3.8 5.8



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

