

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091620\
 Data File : VL035644.D
 Acq On : 17 Sep 2020 1:39
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 17 08:09:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1152894	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4429348	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4478407	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3269609	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

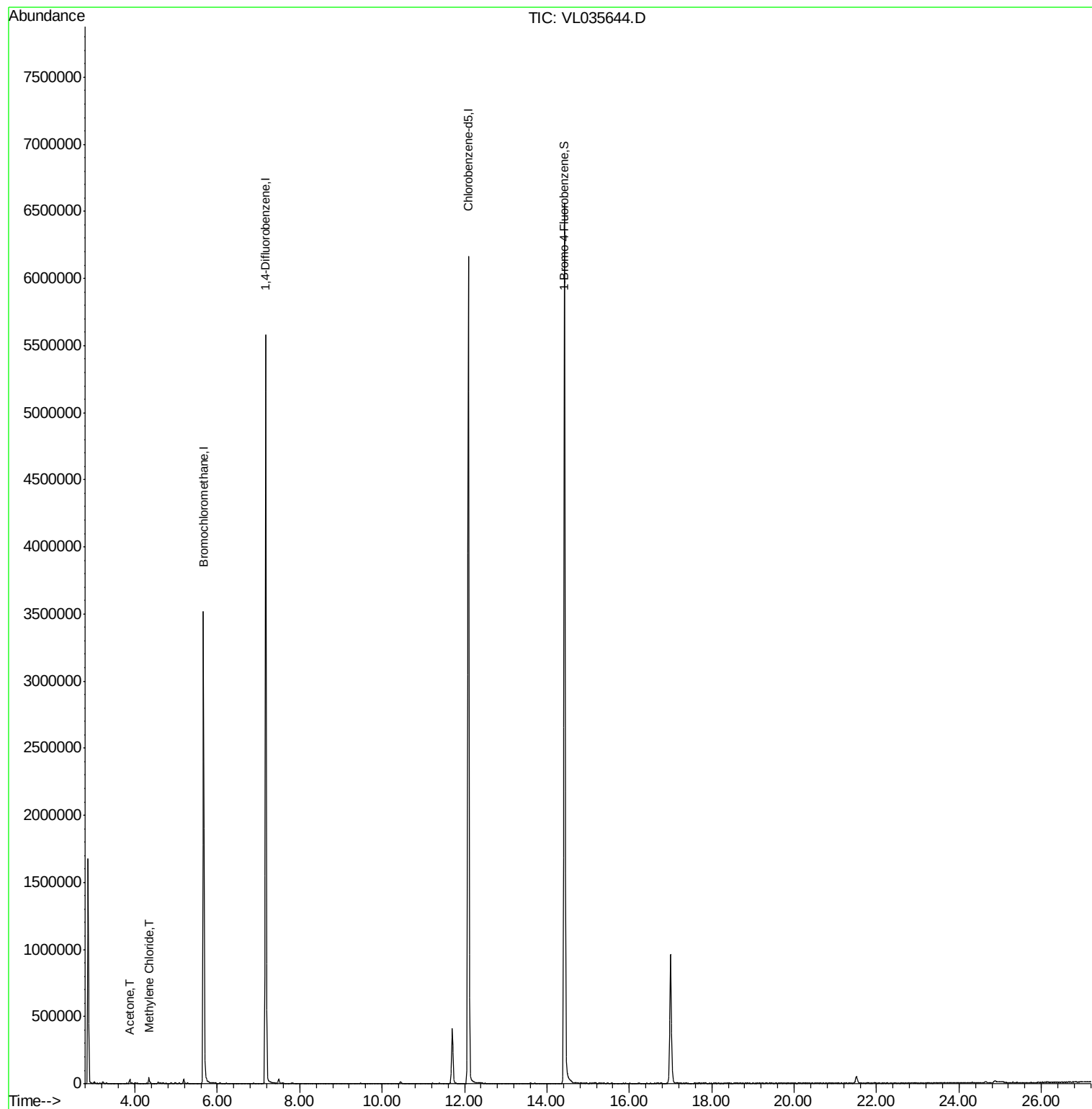
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	21613	0.170	ppbv	# 44
20) Methylene Chloride	4.34	84	17950	0.190	ppbv	91

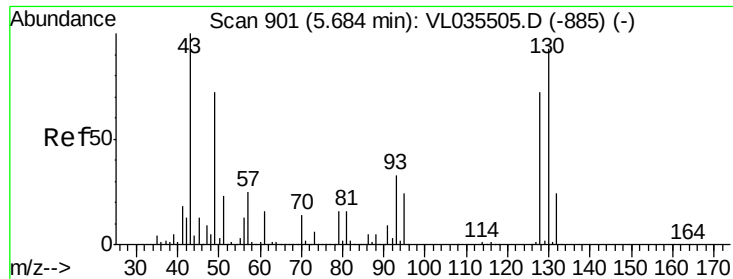
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

Lab File: VL035644.D

Acq: 17 Sep 2020 1:39

Instrument :

MSVOA_L

ClientSampled :

VIBLK

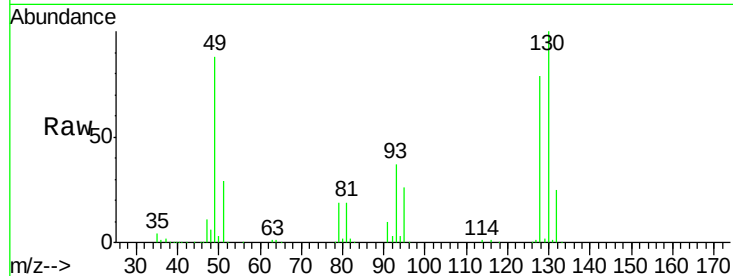
Tot Ion: 49 Resp: 1152894

Ion Ratio Lower Upper

49 100

128 89.6 50.0 150.1

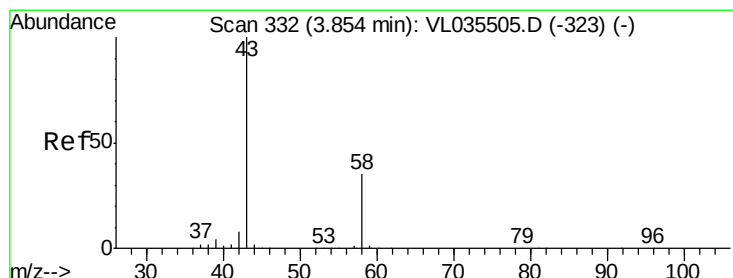
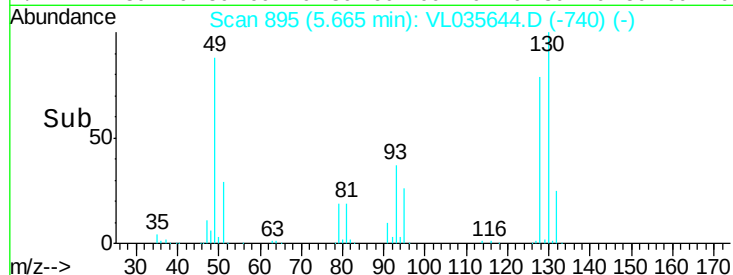
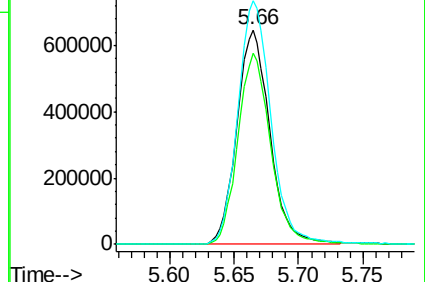
130 114.8 64.4 193.2



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: 0.170 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.03 min

Lab File: VL035644.D

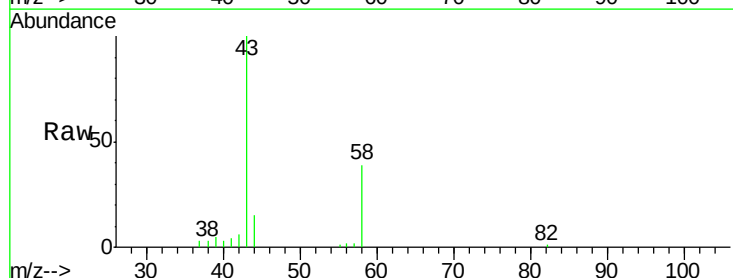
Acq: 17 Sep 2020 1:39

Tgt Ion: 43 Resp: 21613

Ion Ratio Lower Upper

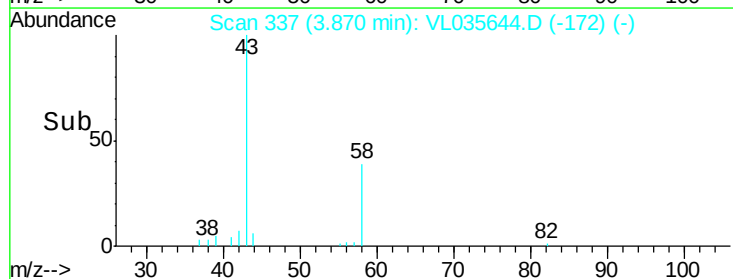
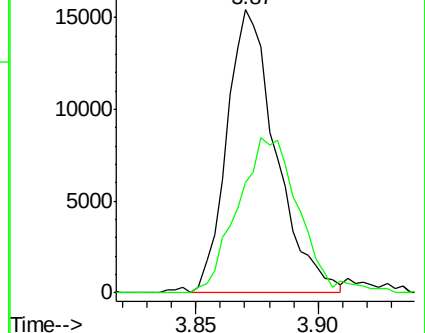
43 100

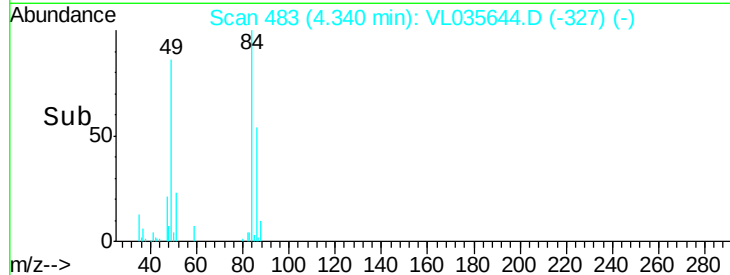
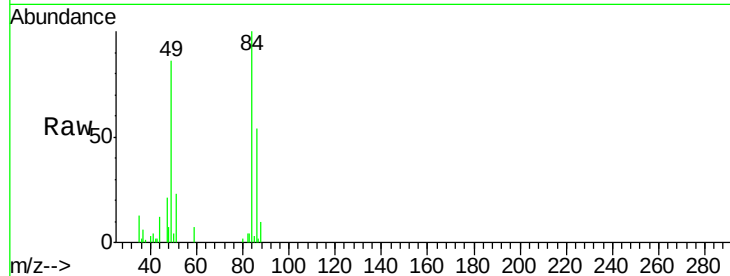
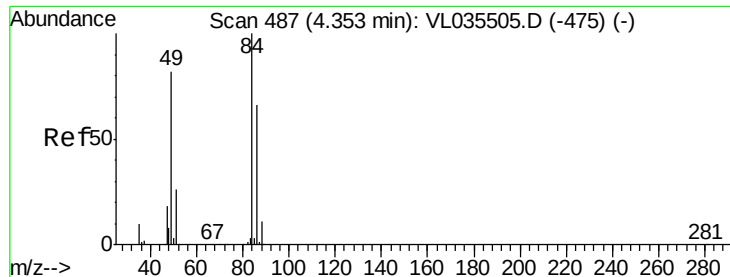
58 68.4 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

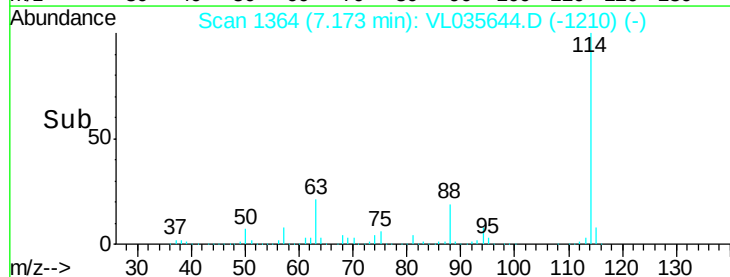
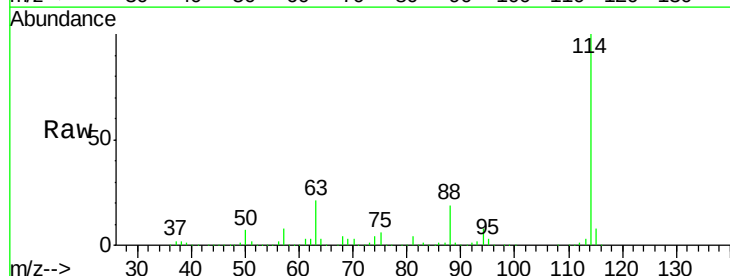
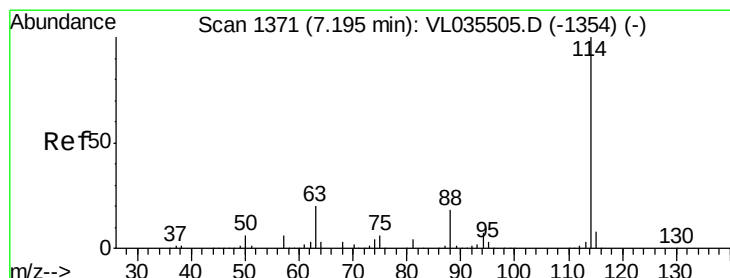
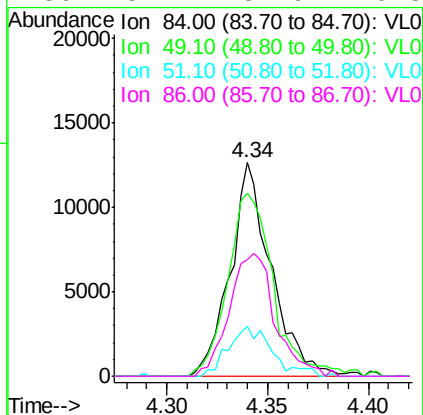




#20
Methylene Chloride
Concen: 0.190 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL035644.D
Acq: 17 Sep 2020 1:39

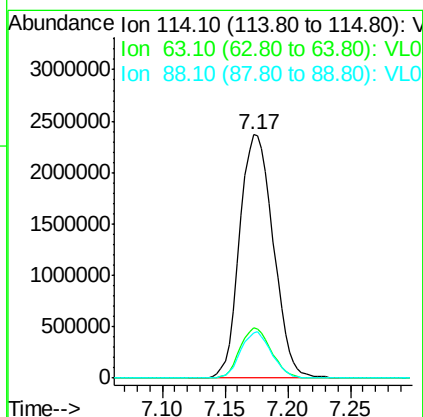
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

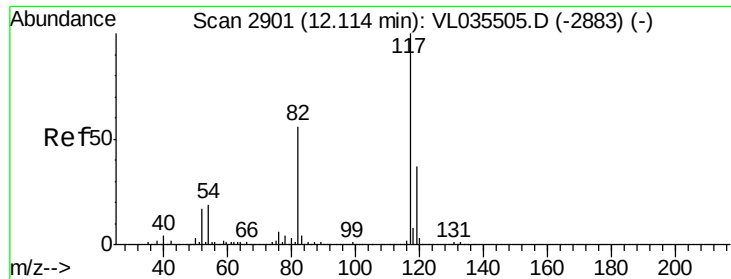
Tot Ion:	84	Resp:	17950
Ion	Ratio	Lower	Upper
84	100		
49	85.9	65.4	98.0
51	23.2	21.5	32.3
86	54.4	52.9	79.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.00 min
Lab File: VL035644.D
Acq: 17 Sep 2020 1:39

Tgt Ion:	114	Resp:	4429348
Ion	Ratio	Lower	Upper
114	100		
63	19.4	14.7	22.1
88	17.6	13.4	20.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2894

Delta R.T. -0.00 min

Lab File: VL035644.D

Acq: 17 Sep 2020 1:39

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

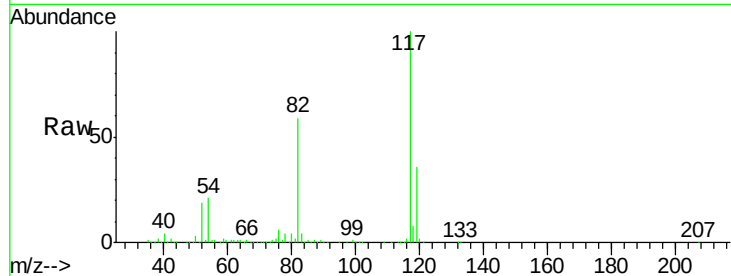
Tot Ion:117 Resp: 4478407

Ion Ratio Lower Upper

117 100

82 57.8 41.6 62.4

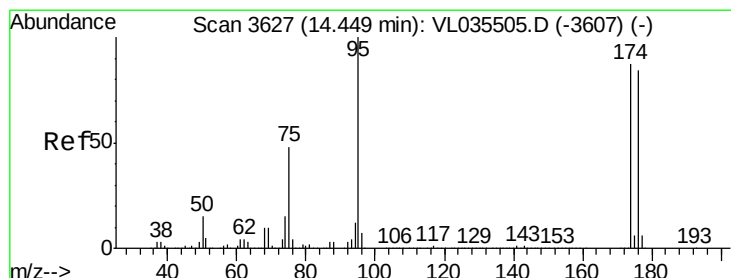
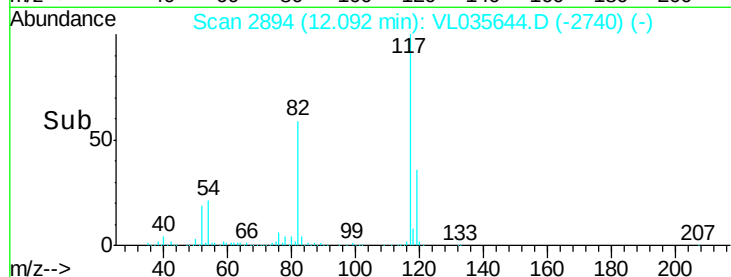
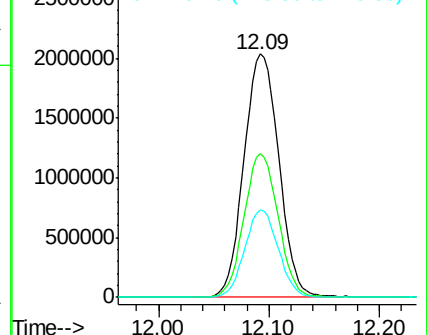
119 34.8 29.3 43.9



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: 10.281 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. -0.00 min

Lab File: VL035644.D

Acq: 17 Sep 2020 1:39

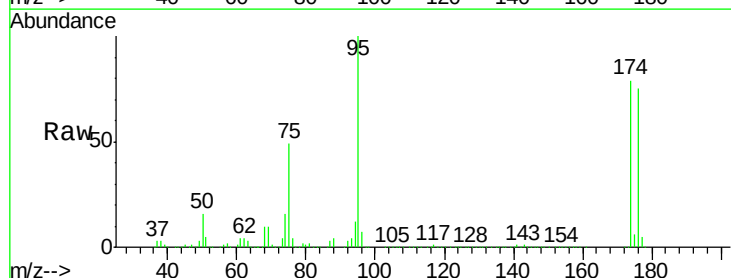
Tgt Ion: 95 Resp: 3269609

Ion Ratio Lower Upper

95 100

174 78.8 69.6 104.4

175 5.6 5.1 7.7



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

