

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051920\
Quantitation Report (Not Reviewed)

Data File : VL035072.D
Acq On : 20 May 2020 9:12
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: May 20 14:01:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
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	5.64	49	1187629	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2704628	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2572288	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2136965	10.26	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

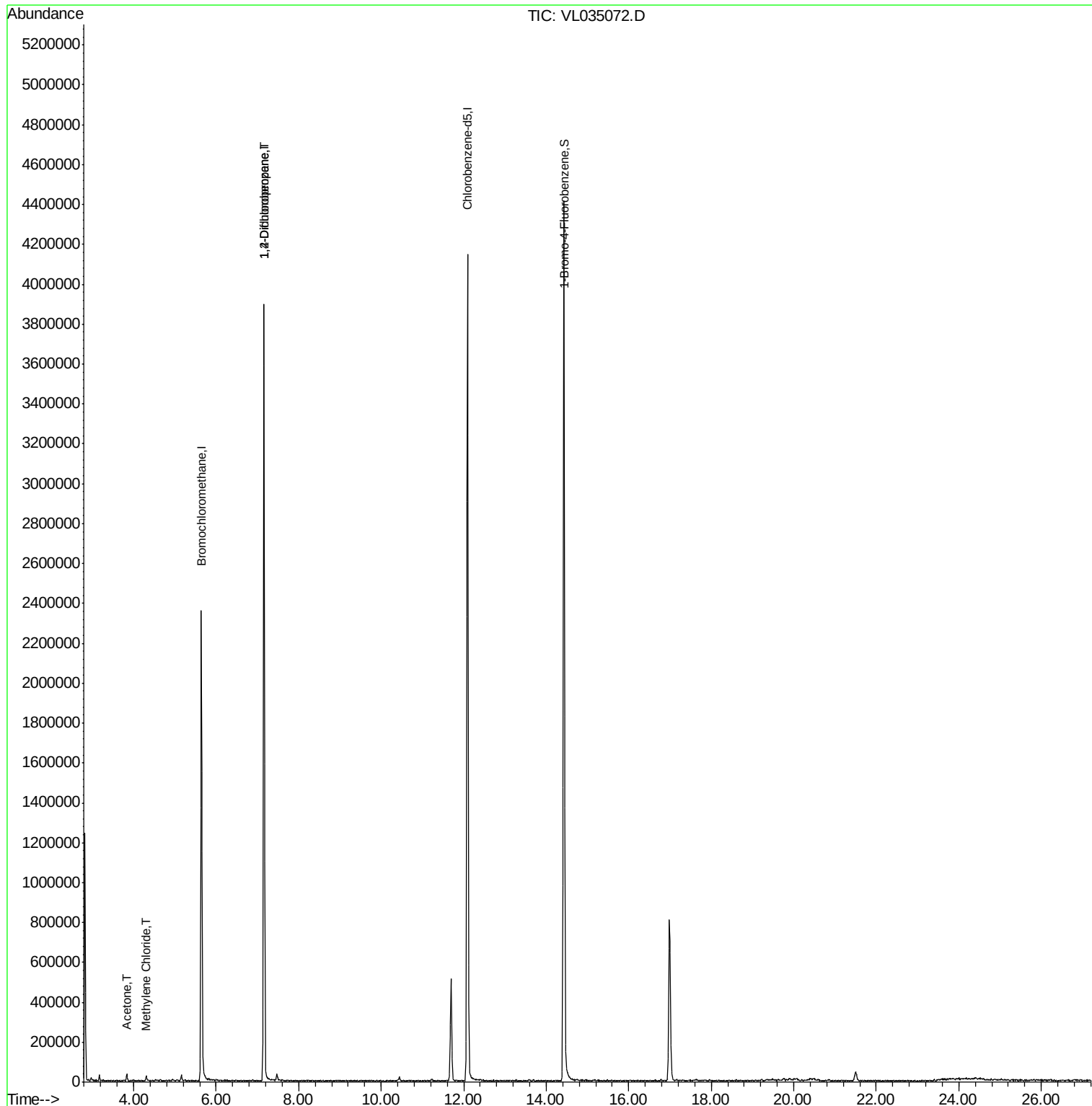
Target Compounds						Qvalue
15) Acetone	3.83	43	29228	0.186	ppbv #	64
20) Methylene Chloride	4.30	84	2389	0.046	ppbv	86
39) 1,2-Dichloropropane	7.16	63	727713	8.141	ppbv #	24

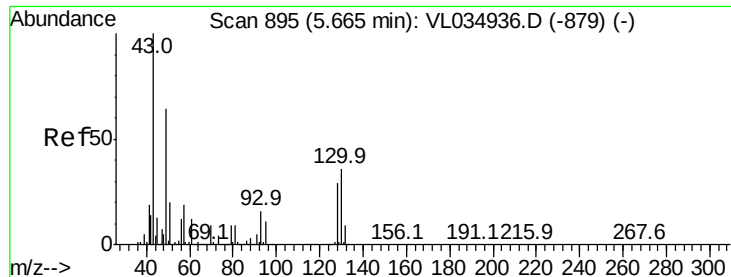
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL035072.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

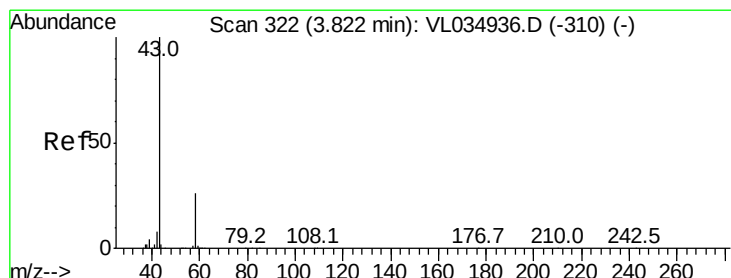
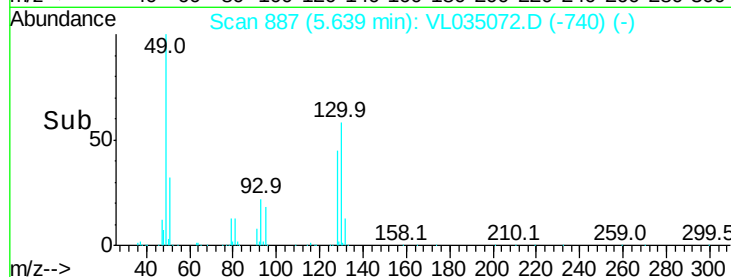
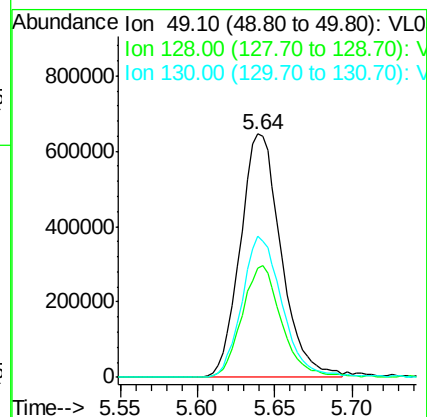
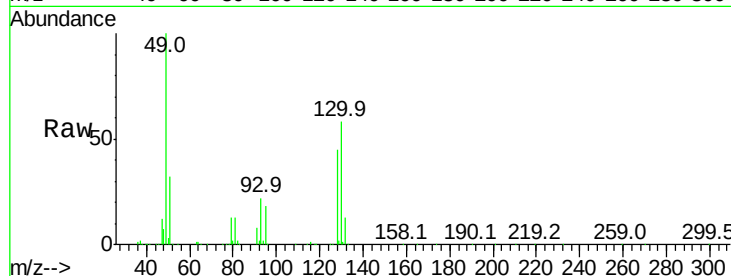
Tgt Ion: 49 Resp: 1187629

Ion Ratio Lower Upper

49 100

128 44.7 22.1 66.5

130 57.7 29.1 87.3



#15

Acetone

Concen: 0.186 ppbv

RT: 3.83 min Scan# 325

Delta R.T. 0.01 min

Lab File: VL035072.D

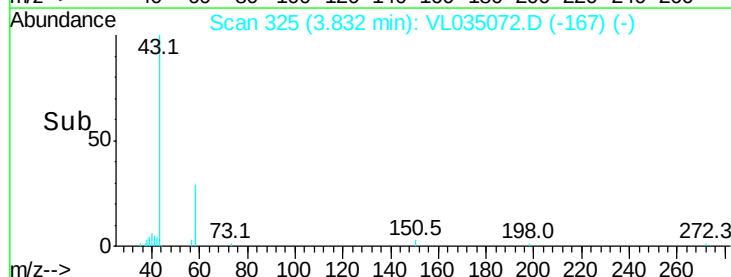
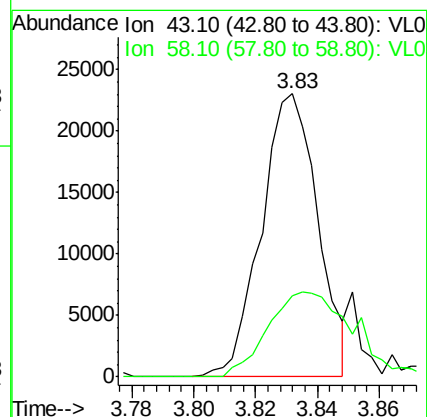
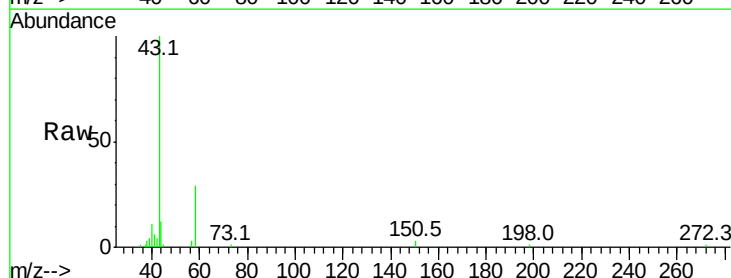
Acq: 20 May 2020 9:12

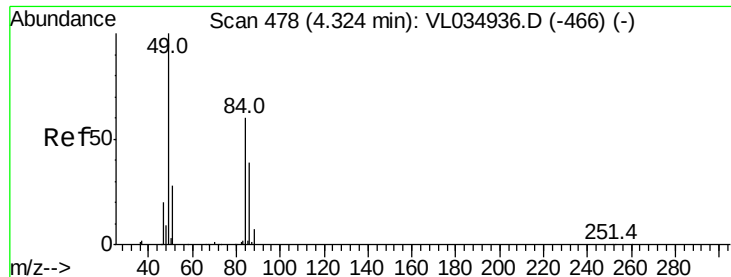
Tgt Ion: 43 Resp: 29228

Ion Ratio Lower Upper

43 100

58 45.7 21.7 32.5#

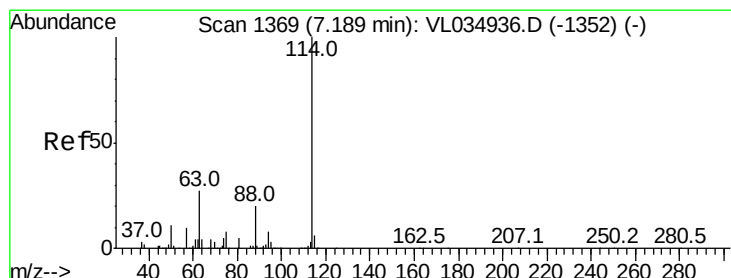
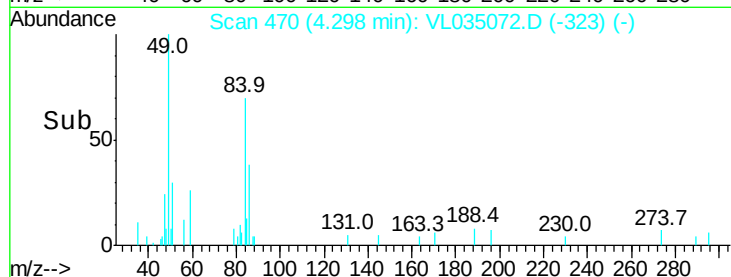
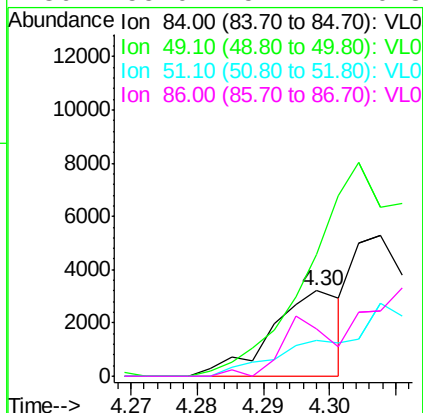
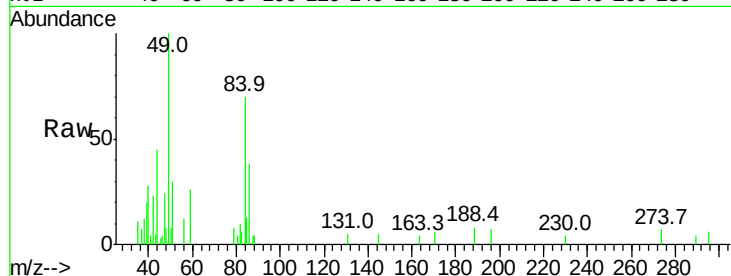




#20
Methylene Chloride
Concen: 0.046 ppbv
RT: 4.30 min Scan# 470
Delta R.T. -0.03 min
Lab File: VL035072.D
Acq: 20 May 2020 9:12

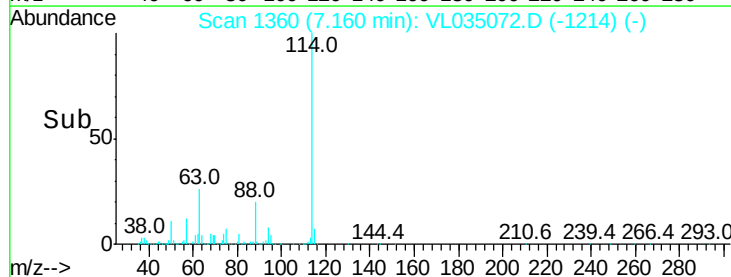
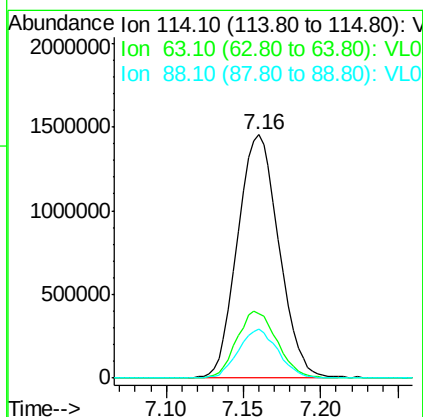
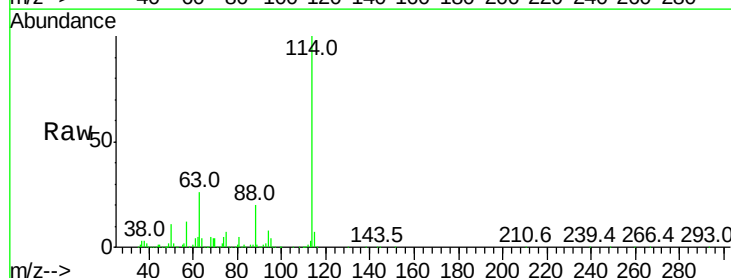
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

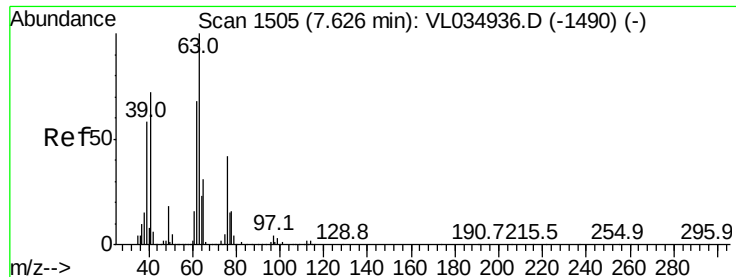
Tgt Ion:	84	Resp:	2389
Ion	Ratio	Lower	Upper
84	100		
49	142.9	132.5	198.7
51	42.2	38.4	57.6
86	55.0	51.2	76.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.03 min
Lab File: VL035072.D
Acq: 20 May 2020 9:12

Tgt Ion:	114	Resp:	2704628
Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.2	33.4
88	19.3	15.5	23.3





#39

1,2-Dichloropropane

Concen: 8.141 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. -0.47 min

Lab File: VL035072.D

Acq: 20 May 2020 9:12

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

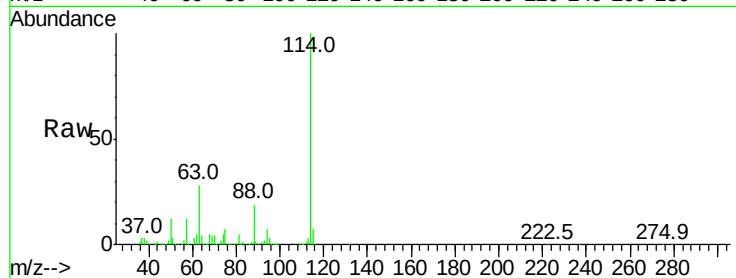
Tgt Ion: 63 Resp: 727713

Ion Ratio Lower Upper

63 100

41 0.0 57.8 86.8#

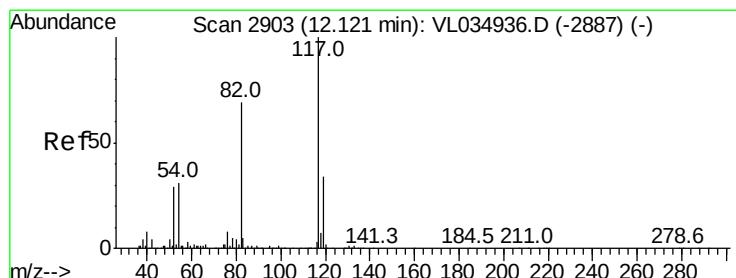
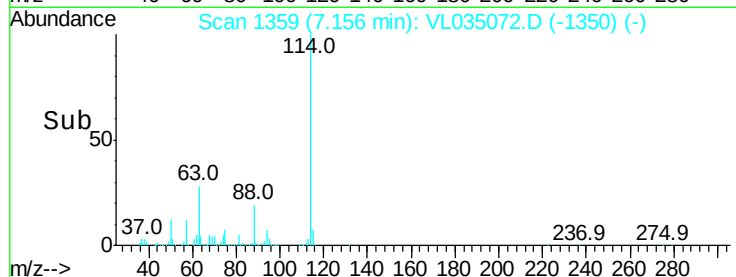
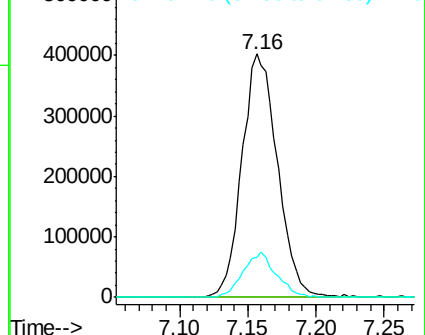
62 16.2 54.2 81.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. -0.03 min

Lab File: VL035072.D

Acq: 20 May 2020 9:12

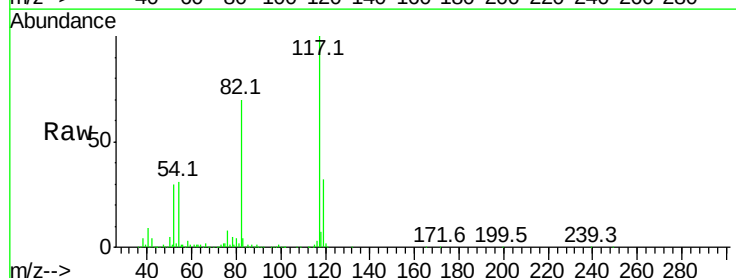
Tgt Ion: 117 Resp: 2572288

Ion Ratio Lower Upper

117 100

82 68.5 53.1 79.7

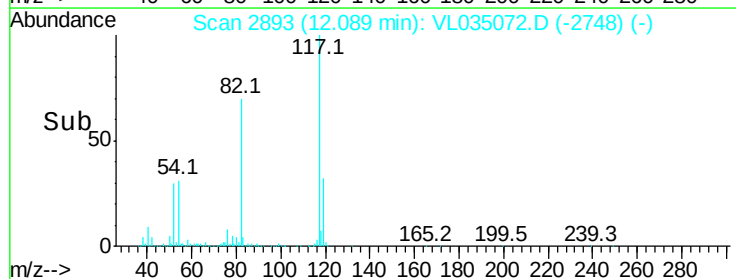
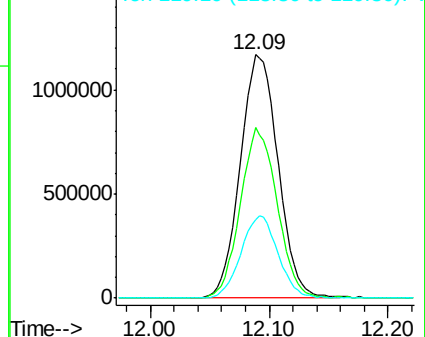
119 33.4 26.7 40.1

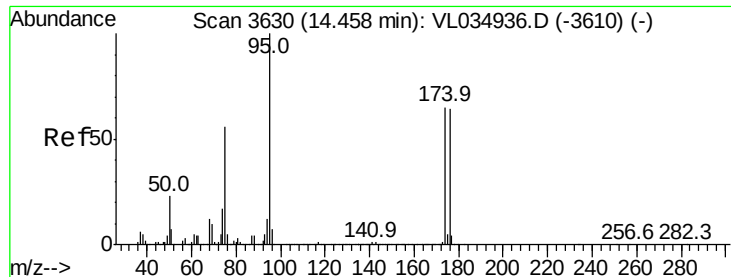


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.263 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. -0.03 min

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VIBLK

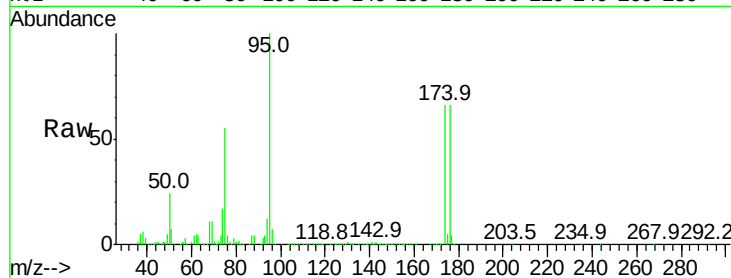
Tgt Ion: 95 Resp: 2136965

Ion Ratio Lower Upper

95 100

174 66.8 51.5 77.3

175 4.9 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

