

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022620\
Quantitation Report (Not Reviewed)

Data File : VL034688.D
Acq On : 26 Feb 2020 14:33
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Feb 27 07:27:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Feb 26 06:58:15 2020
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1024969	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2091137	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2083191	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1726103	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

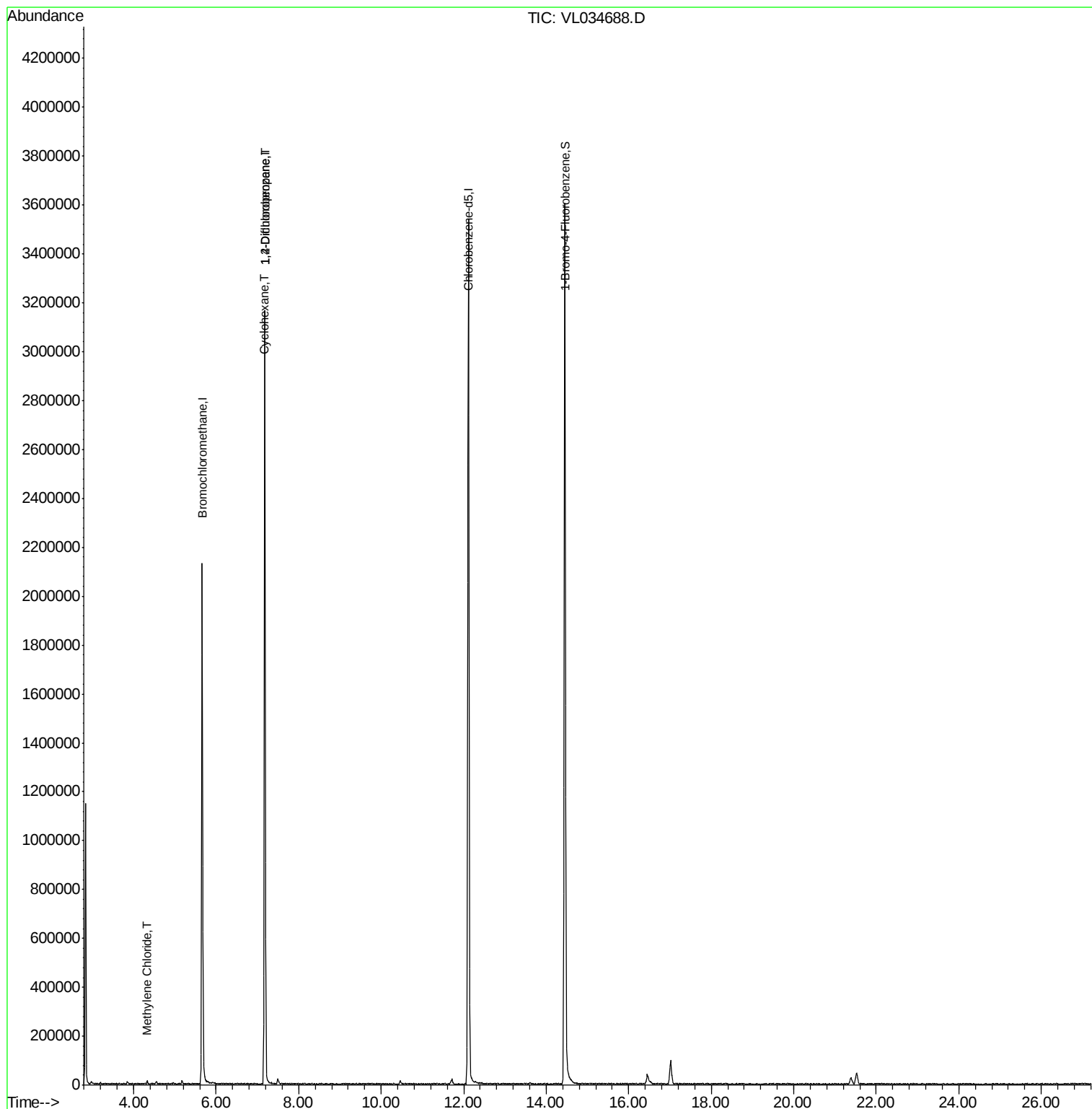
Target Compounds					Qvalue	
20) Methylene Chloride	4.32	84	2309	0.053	ppbv #	42
30) Cyclohexane	7.16	84	2441	0.033	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	601155	8.366	ppbv #	24

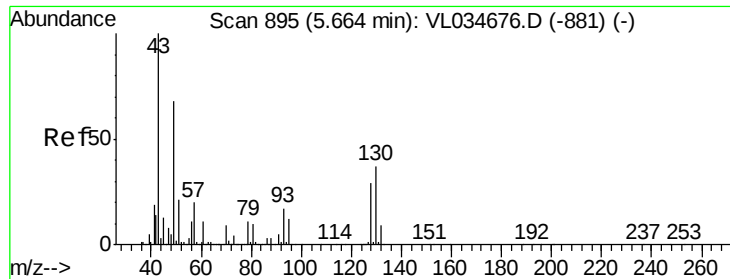
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

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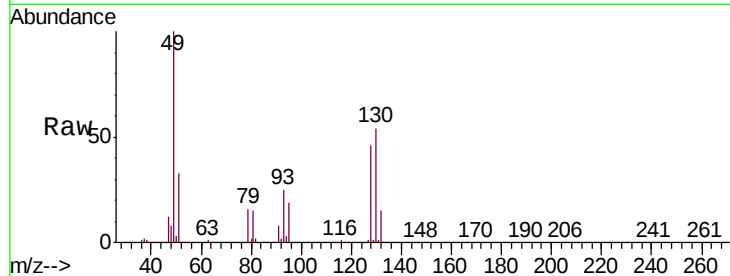
Tgt Ion: 49 Resp: 1024969

Ion Ratio Lower Upper

49 100

128 44.7 21.6 65.0

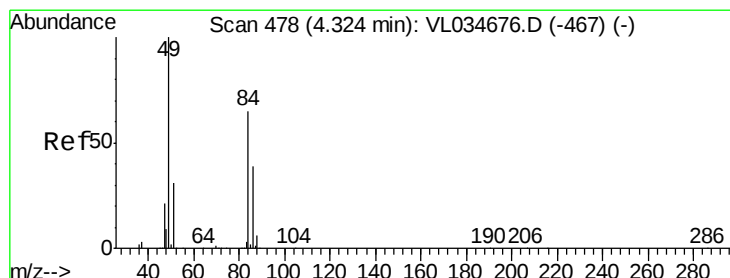
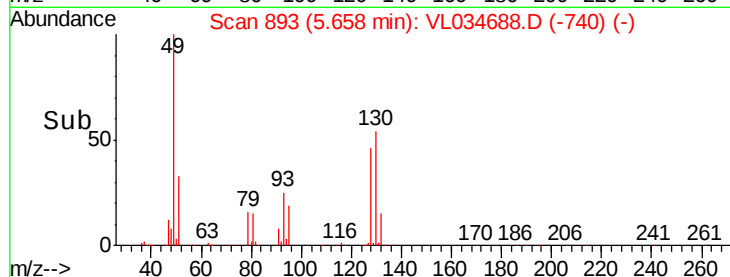
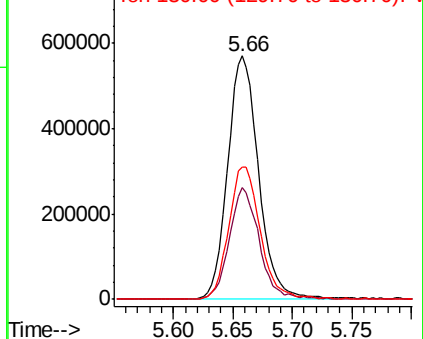
130 56.2 27.7 83.1



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



#20

Methylene Chloride

Concen: 0.053 ppbv

RT: 4.32 min Scan# 476

Delta R.T. -0.01 min

Lab File: VL034688.D

Acq: 26 Feb 2020 14:33

Tgt Ion: 84 Resp: 2309

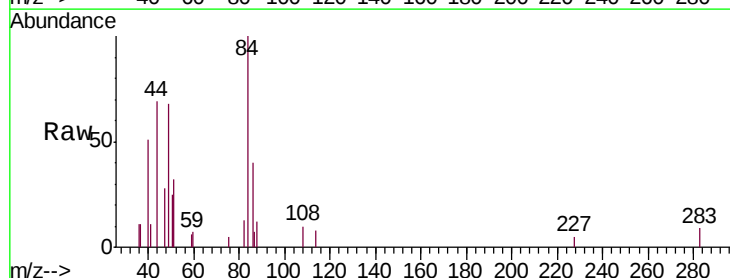
Ion Ratio Lower Upper

84 100

49 49.2 122.8 184.2#

51 32.3 38.6 58.0#

86 40.1 47.7 71.5#

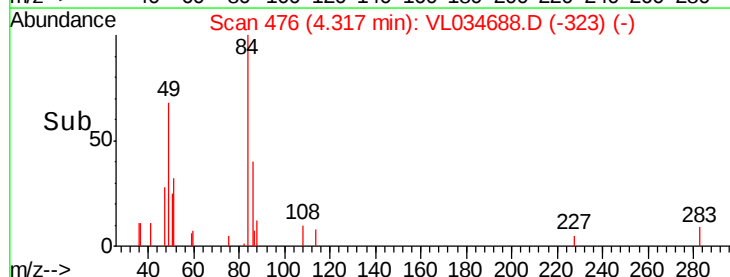
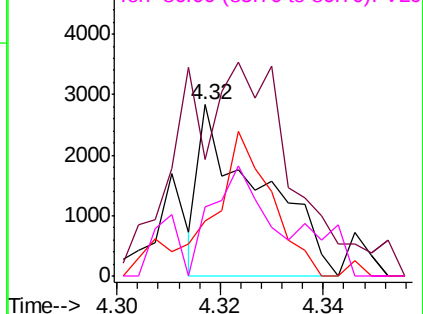


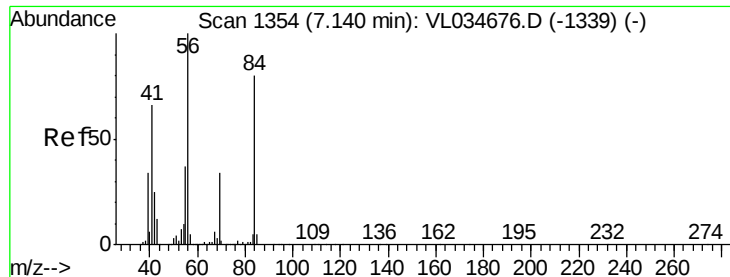
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

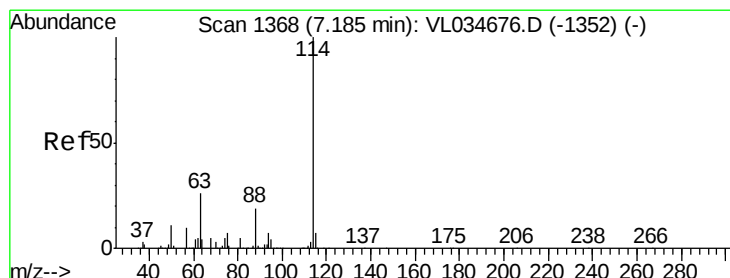
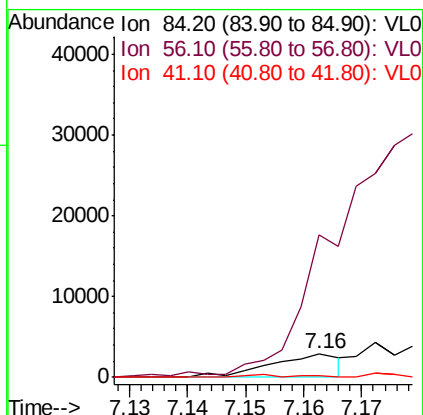
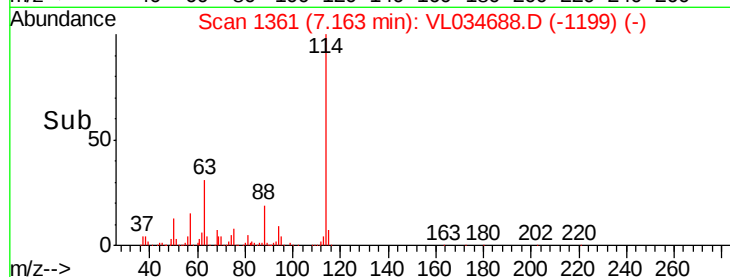
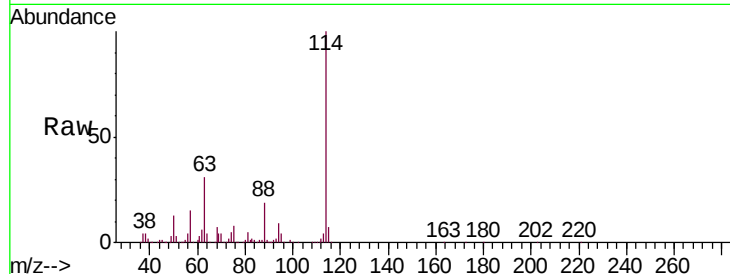




#30
Cyclohexane
Concen: 0.033 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.02 min
Lab File: VL034688.D
Acq: 26 Feb 2020 14:33

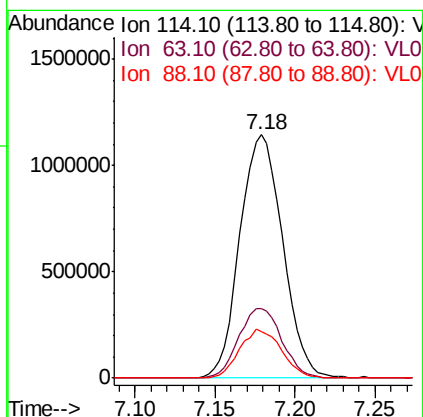
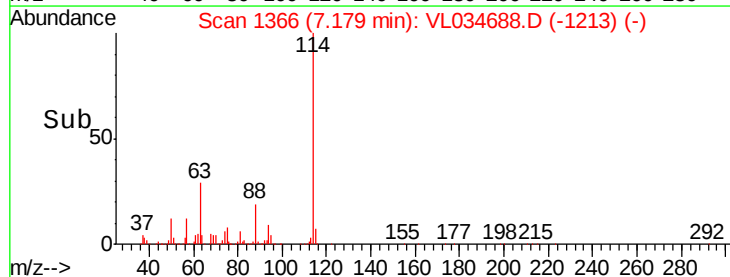
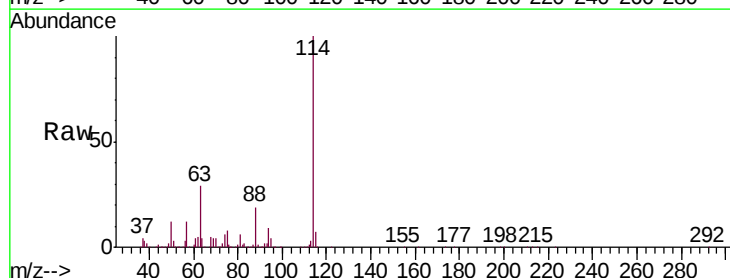
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

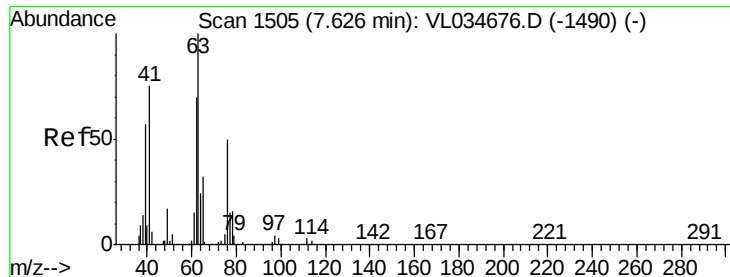
Tgt Ion: 84 Resp: 2441
Ion Ratio Lower Upper
84 100
56 0.0 113.4 170.2#
41 0.0 68.2 102.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL034688.D
Acq: 26 Feb 2020 14:33

Tgt Ion: 114 Resp: 2091137
Ion Ratio Lower Upper
114 100
63 28.9 22.9 34.3
88 19.6 15.8 23.6





#39

1,2-Dichloropropane

Concen: 8.366 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.45 min

Lab File: VL034688.D

Acq: 26 Feb 2020 14:33

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

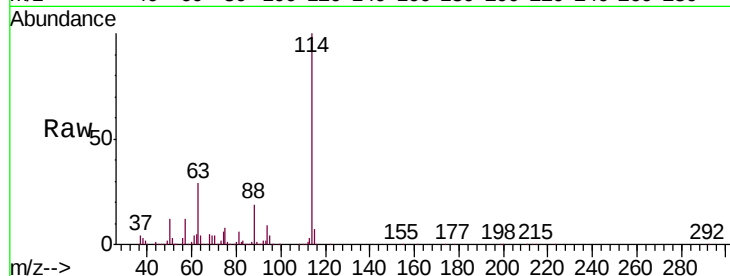
Tgt Ion: 63 Resp: 601155

Ion Ratio Lower Upper

63 100

41 0.0 60.2 90.4#

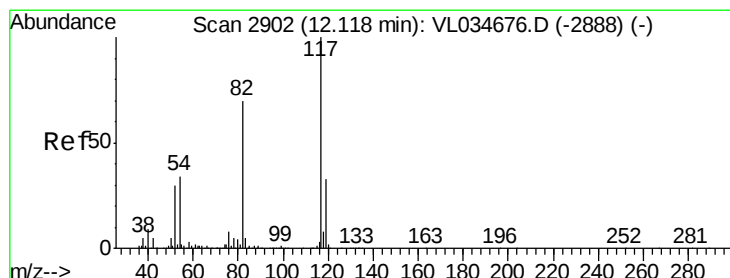
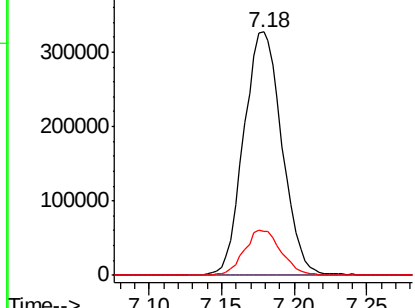
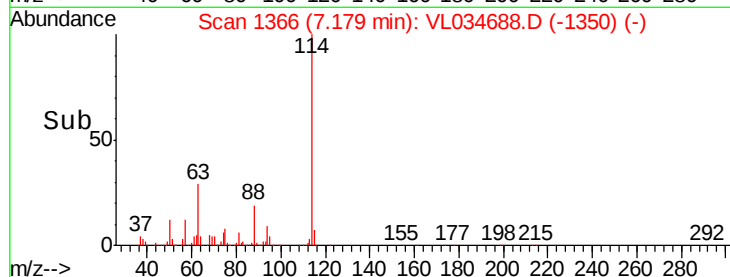
62 18.0 56.3 84.5#



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: 12.11 min Scan# 2901

Delta R.T. -0.00 min

Lab File: VL034688.D

Acq: 26 Feb 2020 14:33

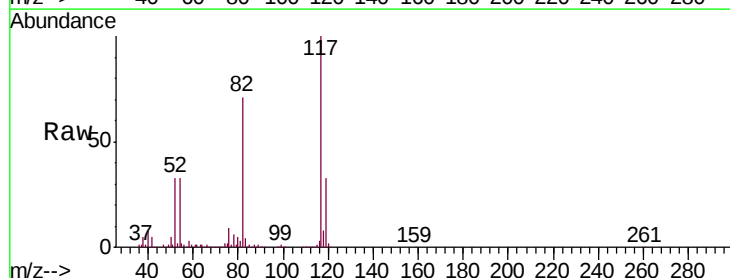
Tgt Ion: 117 Resp: 2083191

Ion Ratio Lower Upper

117 100

82 70.7 54.1 81.1

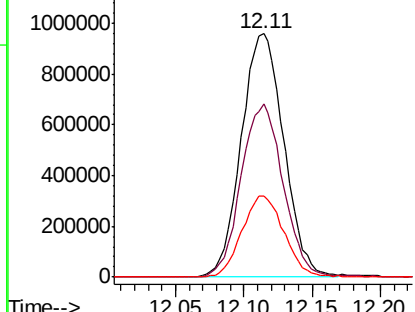
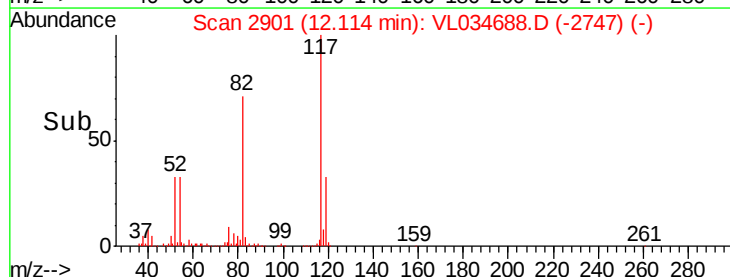
119 33.1 27.6 41.4

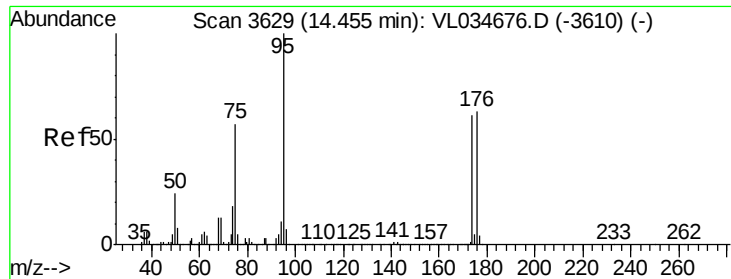


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.105 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. -0.01 min

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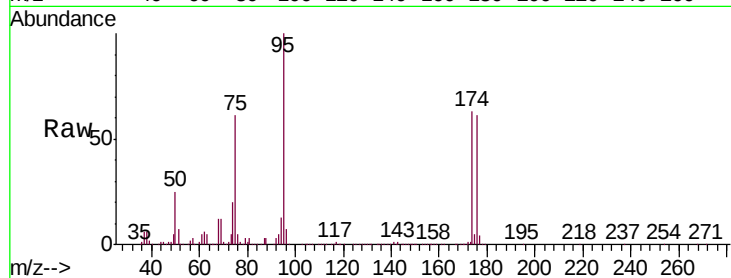
Tgt Ion: 95 Resp: 1726103

Ion Ratio Lower Upper

95 100

174 63.2 50.7 76.1

175 4.6 3.9 5.9



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

